

# National Capital Region Transportation Planning Board

777 North Capitol Street, N.E., Suite 300, Washington, D.C. 20002-4290 (202) 962-3310 Fax: (202) 962-3202

Date: May 21, 2014  
Time: 12 noon  
Place: COG Board Room

## AGENDA (BEGINS PROMPTLY AT NOON)

- 12 noon 1. **Public Comment on TPB Procedures and Activities**  
..... Chairman Wojahn
- Interested members of the public will be given the opportunity to make brief comments on transportation issues under consideration by the TPB. Each speaker will be allowed up to three minutes to present his or her views. Board members will have an opportunity to ask questions of the speakers, and to engage in limited discussion. Speakers are asked to bring written copies of their remarks (65 copies) for distribution at the meeting.
- 12:20 pm 2. **Approval of Minutes of April 16 Meeting**  
..... Chairman Wojahn
- 12:25 pm 3. **Report of Technical Committee**  
..... Mr. Srikanth  
Chair, Technical Committee
- 12:30 pm 4. **Report of the Citizens Advisory Committee**  
..... Ms. Loh  
Chair, Citizens Advisory Committee
- 12:35 pm 5. **Report of Steering Committee**  
..... Mr. Miller  
Acting Co-Director, Department of  
Transportation Planning (DTP)
- 12:40 pm 6. **Chair's Remarks**  
..... Chairman Wojahn

*Alternative formats of this agenda and all other meeting materials are available upon request. Email: [accommodations@mwcoq.org](mailto:accommodations@mwcoq.org). Phone: 202-962-3300 or 202-962-3213 (TDD). Please allow seven working days for preparation of the material. Electronic versions are available at [www.mwcoq.org](http://www.mwcoq.org).*

**ACTION ITEMS**

- 12:50 pm 7. **Approval of an Amendment to the FY 2013-2018 TIP that is Exempt from the Air Quality Conformity Requirement to Include Project and Funding Updates for the Northern Virginia Section of the FY 2013-2018 TIP**

..... Ms. Hamilton, VDOT  
At the April 16 meeting notice was provided that the Virginia Department of Transportation (VDOT)) had requested an amendment to update projects and funding in the Northern Virginia section of the FY 2013-2018 TIP. The Board will be asked to approve this amendment to the Northern Virginia section of the FY 2013-2018 TIP.

**Action:** Adopt Resolution R16-2014 to approve an amendment to update projects and funding in the Northern Virginia section of the FY 2013-18 TIP.

- 12:55 pm 8. **Briefing on and Approval of Recommended Projects for Funding under the MAP-21 Transportation Alternatives Program for FY 2015 in Northern Virginia**

..... Ms. Koster  
Ms. Crawford, DTP  
A portion of Virginia MAP-21 Transportation Alternatives Program (TAP) funds is sub-allocated to the TPB for projects in Northern Virginia. The Board will be briefed on the projects recommended by a technical review committee for funding as part of the FY 2015 TAP project solicitation conducted by the Virginia Department of Transportation, and asked to approve the recommended projects.

**Action:** Adopt Resolution R17-2014 to approve projects for funding under the Virginia MAP-21 Transportation Alternatives Program for FY 2015.

- 1:05 pm 9. **Briefing on the Status of the Highway Trust Fund and Reauthorization of the Moving Ahead for Progress in the 21<sup>st</sup> Century Act (MAP-21), and Approval of a Letter to the Washington Region’s Congressional Delegation in Support of Replenishing the Highway Trust Fund and Reauthorizing MAP-21**

..... Ms. Hardy  
Executive Director  
Association of Metropolitan Planning Organizations (AMPO)  
According to the US Department of Transportation, the Highway Trust Fund will run out of money in July, and the authorization of MAP-21, which provides federal funding for all surface transportation programs, expires on September 30. The Board will be briefed on current Congressional activities to address funding for transportation and to reauthorize MAP-21.

**Action:** Approve the enclosed letter to the Washington Region’s Congressional Delegation in support of replenishing the Highway Trust Fund and reauthorizing MAP-21.

**INFORMATION ITEMS**

- 1:20 pm 10. **Briefing on the Virginia Railway Express (VRE) Systems Plan**

..... Mr. Allen,  
Chief Executive Officer, VRE  
The Board will be briefed on the VRE System Plan which provides a framework for capital investments and actions VRE should pursue through

2040 to continue to grow the service to best meet regional travel needs. The VRE Operations Board adopted the plan in January 2014.

- 1:35 pm      11.    **Briefing on the MARC Growth and Investment Plan**  
..... Ms. Ratcliff,  
Maryland Transit Administration (MTA)  
The Board will be briefed on the MTA draft update of the MARC system's Growth and Investment plan. The draft update identifies improvements over the next 40 years and is an update to the original 2007 plan.

**NOTICE ITEM**

- 1:50 pm      12.    **Notice of Proposed Amendment to Update Projects and Funding in the District of Columbia Section of the FY 2013-2018 TIP**  
..... Mr. Zimbabwe  
Notice is provided that the District Department of Transportation (DDOT) has requested an amendment to update projects and funding in the District section of the FY 2013-2018 TIP. The Board will be asked to approve this amendment at the June 18 meeting.

- 1:55 pm      13.    **Other Business**

- 2:00 pm      14.    **Adjourn**

2 hours

Lunch will be available for Board members and alternates at 11:30 am

**NATIONAL CAPITAL REGION TRANSPORTATION PLANNING BOARD**

777 North Capitol Street, NE  
Washington, D.C. 20002-4226  
(202) 962-3200

**MINUTES OF THE  
TRANSPORTATION PLANNING BOARD  
April 16, 2014**

Members and Alternates Present

Monica Backmon, Prince William County  
Bob Brown, Loudoun County  
Helen Cuervo, VDOT  
Allison Davis, WMATA  
Dan Emerine, DC Office of Planning  
Dennis Enslinger, City of Gaithersburg  
Gary Erenrich, Montgomery County Executive  
Lyn Erickson, MDOT  
Tawanna Gaines, Maryland House of Delegates  
Seth Grimes, City of Takoma Park  
Jason Groth, Charles County  
Cathy Hudgins, Fairfax County  
Sandra Jackson, FHWA  
John D. Jenkins, Prince William County  
Tim Lovain, City of Alexandria  
Bridget Newton, City of Rockville  
Mark Rawlings, DDOT  
Rodney Roberts, City of Greenbelt  
Kelly Russell, City of Frederick  
Maria Sinner, VDOT  
Paul Smith, Frederick County  
Linda Smyth, Fairfax County  
David Snyder, City of Falls Church  
Kanathur Srikanth, VDOT  
Tammy Stidham, NPS  
Todd Turner, City of Bowie  
Jonathan Way, City of Manassas  
Tommy Wells, DC Council

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Victor Weissberg, Prince George's County  
Patrick Wojahn, City of College Park  
Scott K. York, Loudoun County  
Sam Zimbabwe, DDOT

MWCOG Staff and Others Present

Gerald Miller  
Robert Griffiths  
Nicholas Ramfos  
Elena Constantine  
Eric Randall  
John Swanson  
Jane Posey  
Andrew Meese  
Andrew Austin  
Ben Hampton  
Bryan Hayes  
Sarah Crawford  
Erin Morrow  
Jon Schermann  
Michael Farrell  
Debbie Leigh  
Deborah Etheridge  
Mark Moran  
Dusan Vuksan  
Wenjing Pu  
Lynn Winchell-Mendy  
Paul DesJardin COG/DCPS  
Matt Kronenberger COG/OPA  
Steve Kania COG/OPA  
Judi Gold CM Bowser  
John B. Townsend AAA Mid-Atlantic  
Patrick Durany Prince William County  
Mike Lambert Kimley-Horn  
Bob Grow Board of Trade  
Bob Chase Northern Virginia Transportation Alliance  
Nick Alexandrow PRTC  
Tom Fahrney VDOT  
Michele Cleveland WABA  
Kelly Blynn Coalition for Smarter Growth  
John Hartline Tri-County Council for Southern Maryland  
Stewart Schwartz Coalition for Smarter Growth

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David Dickson	Sierra Club, Mount Vernon Group
Tina Slater	Action Committee for Transit
Malcolm Watson	FC DOT
Bill Orleans	Resident

## **1. Public Comment on TPB Procedures and Activities**

Mr. Hartline of the Tri-County Council for Southern Maryland spoke about the formation of the MPO for Calvert and St. Mary's counties and said he would like to coordinate efforts on transportation planning.

Mr. Chase of the Northern Virginia Transportation Alliance said that the longer this region acts as a collection of localities and lacks the political will to adopt a regional plan with specific performance-based regional priorities, the less likely it is to be globally competitive and a great place for our children to live and work in the future. Copies of his remarks were circulated to attendees.

Mr. Schwartz of the Coalition for Smarter Growth said he was disappointed to see a deferral to the 2015 CLRP of more explicit consideration of the CO<sub>2</sub> and other goals incorporated in COG's guiding plans and policies, as well as the lack of commitment by staff to conduct a fundamental reevaluation of the CLRP and remove projects which do not support TPB goals or help the region address climate change. Copies of his remarks were circulated to attendees.

Ms. Slater of the Action Committee for Transit said she is concerned that the draft MTA 2013 MARC Growth and Investment Plan is much less ambitious than the plan approved in 2007. She said the reduced capital investment in the draft 2013 plan would hamper transit-oriented development.

## **2. Approval of Minutes of September 18 Meeting**

Mr. York made a motion to approve the minutes of the April 16 TPB meeting. Mr. Turner seconded the motion, which passed unanimously.

## **3. Report of the Technical Committee**

Mr. Srikanth said the Technical Committee met on April 4 and reviewed six items on the TPB agenda: the Regional Bike to Work Day Proclamation; projects to be included in the air quality conformity analysis for the 2014 CLRP; the scope of work to be used for conducting the air quality conformity analysis; the inclusion of Fauquier County and the Town of Warrenton in the TPB; the development of COG's Cooperative Forecasts; and an initial qualitative assessment of how the 2013 CLRP aligns with the priorities identified in the Regional Transportation Priorities Plan (RTPP).

## **4. Report of the Citizen Advisory Committee**

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Ms. Loh said the Citizens Advisory Committee (CAC) met on April 10 and had a lengthy discussion on the qualitative assessment of the RTPP. She said the committee was pleased with the staff effort, which took place in a very limited amount of time. She said the CAC looks forward to seeing an expanded version for the 2014 CLRP, which would be incorporated into the call for projects. She said the CAC is concerned about the implementation of priority three, which is to move people and goods more efficiently. She said that for the most part, the RTPP did not include cost estimates to implement the plan's strategies. She further noted that there is an unknown gap between what the CLRP would fund and what it would take to achieve priority three. She added that the large capital improvements identified in the CLRP are not the only tools to fill those gaps and emphasized that the TPB member jurisdictions should particularly consider non-capital interventions necessary to achieve priority three.

Ms. Loh also highlighted long-term strategy one under priority three: expand capacity on the existing transit system. She said that unlike the most of the other strategies, there are cost estimates related to this strategy in WMATA's Momentum Plan, which identifies funding levels necessary for core capacity improvements by 2025. She said that it is a failure to identify this as a priority, determine the cost for implementation, and then not act on it.

## **5. Report of Steering Committee**

Mr. Miller said the Steering Committee met on April 4 and approved three resolutions to the TIP that are exempt from air quality conformity requirements. He reviewed the items in the "Letters Sent/Received" packets. He said the TPB would provide letters of endorsement for six FY 2014 TIGER applications to be submitted by member jurisdictions. He highlighted a copy of a Washington Business Journal article written by Chair Wojahn providing his insight into regional transportation planning.

Chair Wojahn said he had an interview in the morning with Comcast Newsmakers in which he discussed Bike to Work Day, as well as the article that Mr. Miller referenced, which described how the TPB coordinates transportation planning and the need to balance funding for highways and transit.

Mr. Miller continued with his report by referring to a letter from Chair Wojahn to the WMATA Board regarding collaboration with the specialized transportation services, particularly Metro Access and accessible bus stops.

Chair Wojahn said the Human Service Transportation Coordination (HSTC) Task Force agreed with WMATA's suggestion that a forum should be held to discuss these issues in detail.

Vice Chair Lovain said the HSTC Task Force and the TPB Access for All Advisory Committee would meet to discuss the agenda for a regional forum, as well as a workshop on accessible bus stops.

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Ms. Hudgins thanked Mr. Lovain and the TPB for their willingness to collaborate on issues related to Metro Access and transit accessibility. She said all jurisdictions have some work to do in improving accessibility and that this effort will help maximize the investments that are being made in the Metro system.

## **6. Chair's Remarks**

Chair Wojahn said he is leaving his current day job as a disability rights advocate with the National Disability Rights Network to become the Director of Government Relations at the Rails to Trails Conservancy.

Mr. Miller acknowledged the retirement of Mark Pfoutz, who has worked at the Council of Governments for over 30 years. He said Mr. Pfoutz would be sorely missed.

Chair Wojahn thanked Mr. Pfoutz for his service, and the Board applauded his service.

## **ACTION ITEMS**

### **7. Approval of Regional Bike to Work Day 2014 Proclamation**

Mr. Ramfos briefed the Board with some background information on the annual Bike to Work Day event, which he explained began in 2001 and has seen tremendous growth in participation during the last thirteen years. He highlighted the findings of a follow-up survey of participants in the 2013 event and the new "pit stops" included as part of this year's event. His briefing also included information about marketing collateral and social media outreach, as well as the corporate sponsorships and employer participation that help make Bike to Work Day a success. He asked the Board to approve a proclamation of Friday, May 16, as 2014 Bike to Work Day in the Washington region.

Chair Wojahn opened the floor to questions.

Ms. Russell commented that the Frederick area pit stop now includes a pre-registration party a week before Bike to Work Day at which participants can get free bicycle tune-ups and receive their Bike to Work Day t-shirt so that they can wear it the day of the event. She said that the City of Frederick's Board of Alderman all participate in Bike to Work Day and she encouraged all of the members of the Board of County Commissioners in Frederick County to participate as well.

Mr. Turner extended Ms. Russell's challenge to the full TPB, encouraging all members to attend at least one Bike to Work Day event, even if they do not ride to work that day.

Chair Wojahn echoed Mr. Turner's challenge to Board members, pointing out that he would be attending the College Park pit stop and riding from there into downtown.

A motion to approve the Bike to Work Day 2014 proclamation was made and seconded. The

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Board approved the proclamation as drafted.

Following the approval, Mr. Ramfos introduced a representative of the Washington Area Bicyclist association, Michelle Cleveland, who expressed WABA's excitement about Bike to Work Day 2014 and thanked the Board on WABA's behalf for the opportunity to help organize the event again this year.

**8. Review of Comments Received and Approval of Project Submissions for the Air Quality Conformity Assessment for the 2014 Financially Constrained Long Range Transportation Plan (CLRP) and the FY 2015-2020 Transportation Improvement Plan (TIP)**

Mr. Griffiths briefed the board on the public comments received on the project submissions for the air quality analysis for the 2014 CLRP and 2015-2020 TIP. He said that there were more than 400 comments that could be grouped into three categories. One group of comments said that the 2014 CLRP must address regional climate change goals, by disclosing environmental impacts of the CLRP and by taking action to align the CLRP with the region's climate goals. Another group of comments said that the MARC Growth and Investment Plan is underfunded and needs additional service improvements. The final group said the Virginia highway projects proposed for the CLRP should be reevaluated. Referring to the handout, Mr. Griffiths summarized the responses to the comments.

Mr. Griffiths also said that VDOT withdrew the Dulles Air Cargo Passenger Metro Access Highway Improvement project from the project submissions. In its place, he said, there will be some minor improvements to roads near Dulles in Loudoun County. He also mentioned that the air quality conformity table has been updated to include the correct project completion dates for two projects in Fairfax County.

Ms. Hudgins questioned the widening of VA 123 near Tysons Corner. She said it was not supportive of the transit-oriented development that Tysons is currently pursuing.

Ms. Smyth responded, saying that the section of VA 123 in question is in her district and that although she understands Ms. Hudgins' concerns, she said that the best forum to address those concerns is at the local level.

Mr. Roberts spoke against all road widening in the region. Referring to his experience in the region, he stated that he feels traffic gets worse the wider roads become. He said that road widening is the wrong path, and that unless the region changes mentality, congestion is only going to get worse. He said that he would not vote to approve the project submissions for the 2014 CLRP air quality conformity analysis.

Mr. Emerine said that he appreciates that the TPB will conduct CO2 analysis as a part of the performance analysis, though he expressed disappointment that the analysis will not be

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completed until December, two months after the Board votes on the CLRP. He believes that the performance analysis should inform the vote to approve the CLRP, not come afterwards. He also encouraged the TPB to work more closely with COG to bring together political leadership to determine how the region can better address climate change goals through transportation planning.

Mr. Griffiths responded that TPB staff are moving expeditiously to develop the performance analysis. However, he said that since the CLRP process is behind schedule it cannot be further delayed to wait for the performance analysis. He said that if possible, staff would provide information on CO2 emissions to the Board as it is available. He added that TPB staff works closely with COG's Department of Environmental Programs.

Mr. Snyder said that, as the chair of the Metropolitan Washington Air Quality Committee (MWAQ), his goal is to analyze the status of the region's air quality, understand the standards that apply to the region, and educate the community about how standards might change in the future.

Mr. Zimbabwe referred to the "What Would it Take?" analysis conducted by TPB staff four years ago. In the context of that document, he said that he acknowledges the impact that federal fuel standards can have on the region's environment, but he also said that it would be helpful to revisit the specific things that the transportation decision makers in the region can influence. He said that waiting for the vehicle fleet to turn over is not enough.

Mr. York moved to adopt resolution R15-2014 to approve the project submissions for inclusion in the air quality conformity analysis for the 2014 CLRP and FY 2015-2020 TIP. Mr. Erenrich seconded the motion. The resolution was approved. Mr. Roberts and Ms. Nelson voted against the resolution.

#### **9. Approval of Scope of Work for the Air Quality Conformity Assessment for the 2014 CLRP and the FY 2015-2020 TIP**

Ms. Posey referred to the scope of work for the air quality conformity analysis that was included in the mailout. She said that this scope documents the technical approach to conducting the analysis. The scope also includes the schedule. Once the scope is approved by the Board, she said TPB staff would start the conformity analysis, and results of will be presented to the Board in September.

A motion was made to approve the scope of work for the air quality conformity assessment for the 2014 CLRP and the FY 2015-2020 TIP. The motion was seconded and approved.

#### **10. Briefing on the Requirement that A portion of Fauquier County, Virginia Now be Included in the TPB Planning Area, and Approval of a Letter Inviting the County to Join TPB**

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Mr. Griffiths said this item relates to the results of the 2010 US Census that defines the urbanized area for the Washington, DC urbanized area. He said that localities included in this area must participate in the federal metropolitan transportation planning process and projects in those localities must be included in the CLRP and TIP to receive federal funding for transportation. He said that in the 2012 Census, a small portion of Fauquier County, including the Town of Warrenton, was included in the Washington, DC urbanized area. He said Mr. Miller, Mr. Srikanth, and he briefed Fauquier and Warrenton officials in March. He said the TPB is being asked to approve a letter inviting representatives from Fauquier County to become members of the TPB starting in July.

Mr. Smith made a motion to approve the letter inviting Fauquier County to become a part of the TPB. Mr. Roberts seconded the motion, which passed unanimously.

## **INFORMATION ITEMS**

### **11. Briefing on the COG Cooperative Forecasting Process**

Mr. Desjardin briefed the board on the recent draft of the COG Cooperative Forecasts. This incremental update, called Round 8.3, includes updated land-use and population projections from the District of Columbia and Loudoun County, as well as updated employment forecasts from Fairfax County. He said that the region could expect a 42% increase in the number of jobs, a 32% increase in the number of people, and a 36% increase in the number of households by 2040. He said the greatest number of jobs and new residents would locate in the inner suburbs of Montgomery, Prince George's, and Fairfax Counties.

He added that, by 2040, 76% of the region's new jobs, 55% of population, and 60% of households would locate in Activity Centers. He said that these numbers track closely with goals identified in Region Forward and the Regional Transportation Priorities Plan.

Mr. Emerine said that Cooperative Forecasts should inform the transportation decision-making process on the regional level. He suggested digging into the details to identify infrastructure gaps and to make sure that the region's Activity Centers are able to accommodate the growth that is predicted.

Mr. DesJardin responded that COG and TPB staff are discussing how to link the Place+Opportunity report with the Regional Transportation Priorities Plan.

Chair Wojahn asked if the Cooperative Forecasts indicate whether the region is making progress in balancing population and jobs across the eastern and western parts of the region.

Mr. DesJardin said that forecasts suggest that growth is occurring in the right places, and that the region is incrementally making progress in balancing the east/west divide.

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Mr. Erenrich said that there was a disconnect between transportation and land-use planning at the local level. He said he would like to see planning agencies work more closely with transportation agencies to move development to locations that have transportation capacity.

Mr. DesJardin said that the Cooperative Forecasts are shared with the planning directors, and said that the development that is planned for the region is already along transit corridors and stations. He added that TPB staff does present major facilities and improvements in the transportation plan to area planning directors.

Mr. Griffiths acknowledged the importance of the relationship between land-use and transportation planning. He said that Montgomery County is an example of a place that is concentrating development into corridors with adequate transportation facilities. Similarly, he said that development in Tysons Corner and Loudoun County are going up around the Silver Line. He clarified that most of the projected growth for the region is occurring near existing transportation capacity. He added that TPB staff is currently working on a study, funded through the Federal Transportation, Community and Systems Preservation (TCSP) Program to identify additional ways to make rail stations with capacity more accessible by pedestrians and cyclists.

Ms. Hudgins expressed concern that the new housing predicted in Activity Centers in the future is not going to be affordable. She said she thinks a greater effort needs to take place in order to integrate affordable housing in Activity Centers near transit.

Mr. Griffiths said that the Regional Transportation Priorities Plan and the Place+Opportunity report identify the need for affordable housing, and that staff will continue to look at strategies to integrate more affordable housing into land use and transportation planning.

## **12. Briefing on a Draft Initial Assessment of the 2014 Update of the CLRP and the Regional Transportation Priorities Plan (RTPP)**

Mr. Swanson presented a Power Point presentation and explained that the draft initial assessment found that the region is making some progress in achieving each of the three priorities identified in the Priorities Plan. He specifically highlighted commitments to maintaining the existing transportation system, increased concentration of population and job growth in Activity Centers, and a number of new surface-level transit projects slated for construction in the coming decade as items that show that some of the priorities are being implemented. He also pointed out, however, that the 2014 CLRP does not include core capacity expansions of the Metrorail system, which the Priorities Plan specifically calls for as a way to expand capacity on the existing transit system. He said that staff would work to develop a follow-up assessment by September that will include more information that can be incorporated into the Call for Projects for the 2015 CLRP update. He also said that staff would be looking for ways to integrate the Priorities Plan with other COG and TPB planning activities, including Region Forward and Place+Opportunity.

Chair Wojahn opened the floor to questions.

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Mr. Weissberg stressed the importance of finding ways to balance population and job growth in the region. He said that doing so can help alleviate many of the region's ongoing transportation challenges, especially an overstressed core on the transit system and congestion bottlenecks on roadways, in a more efficient and economical fashion than just building more capacity. He said he hoped that the next assessment, due in September, could focus on these issues and opportunities.

Mr. Emerine highlighted a point made in the CAC report earlier in the meeting: that the assessment does not show where major gaps exist between stated regional priorities and what projects and programs are currently planned. He said he was hopeful that the September assessment would identify such gaps. He also emphasized the need to discuss the fact that some projects, while they support some regional priorities, may work against efforts to meet other regional priorities. He pointed to the lack of commitment to expanding the core capacity of the Metrorail system as an example of trade-offs being made to pay for some projects at the expense of others.

Mr. Erenrich pointed out that more than half of the spending included in the CLRP is on transit -- keeping transit systems in a state of good repair and expanding service where possible. He said that jurisdictions are still trying to come to terms with the price tag of *Metro 2025* and other potential improvements since the existing system requires so much money just to be maintained.

Mr. Turner said he thought the draft initial assessment is a step in the right direction. He said he hoped the next assessment, due by September, would look at other ways not reflected in the CLRP by which regional transportation priorities are being implemented. He said he hoped the CAC would be involved in the process of answering some of those questions in the next assessment.

### **13. Notice of a Proposed Amendment to the FY 2013-2018 TIP that is Exempt from the Air Quality Conformity Requirement to Include Project and Funding Updates for the Northern Virginia Section of the FY 2013-2018 TIP**

Ms. Cuervo spoke to the notice of a proposed TIP amendment from VDOT that would be considered and voted on by the TPB at its May meeting.

### **14. Other Business**

There was no other business brought before the Board.

### **15. Adjourn**

The meeting adjourned at 2:05.

**TPB Technical Committee Meeting Highlights**

**May 2, 2014**

The Technical Committee met on May 2 at COG. Two items were reviewed for inclusion on the TPB agenda for May 21.

- TPB agenda Item 8

A portion of Virginia's Transportation Alternatives Program (TAP) funds under MAP-21 is sub-allocated to the TPB for projects in Northern Virginia. The Committee was briefed on the projects recommended by a technical review committee for funding as part of the FY 2015 TAP project solicitation conducted by the Virginia Department of Transportation. The TPB will be asked to approve these recommended projects at its May 21 meeting.

- TPB agenda Item 9

The authorization of MAP-21, which provides federal funding for all surface transportation programs, expires on September 30, 2014, and the Highway Trust Fund will be unable to meet all its obligations before then. The Committee was briefed by staff of the Association of Metropolitan Planning Organizations (AMPO) on its recommendations for the reauthorization of MAP-21 and current Congressional activities to address funding for USDOT programs and to reauthorize MAP-21.

Four items were presented for information and discussion:

- At the April 16 TPB meeting, staff presented a qualitative assessment of how the priorities identified in the Regional Transportation Priorities Plan (RTPP) compare to the transportation system in the CLRP as it is being updated with a new financial analysis and additional projects in 2014. The Committee was briefed on this initial assessment. It then discussed the second phase of the assessment and proposed outreach activities to gather information on how TPB members and stakeholders believe we are achieving regional goals.
- Staff briefed the Committee on the transportation impacts of the October 1-16, 2013 Federal Government shutdown in relation to regional trends in daily vehicle travel, peak period congestion levels, and transit ridership.
- Staff briefed the Committee on the reformatted draft National Capital Region Congestion Report, which is released quarterly on the TPB website. This report provides recent information on congestion and reliability on the highway system, with a "dashboard" of key performance indicators.
- The Committee was updated on the latest developments regarding USDOT regulations on performance measures under MAP-21, including the proposed Highway Safety Performance Measures and the proposed statewide and MPO planning rule scheduled to be released soon.





NATIONAL CAPITAL REGION  

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TRANSPORTATION PLANNING BOARD

**Item #5**

**MEMORANDUM**

May 15, 2014

**TO:** Transportation Planning Board

**FROM:** Gerald K. Miller  
Acting Co-Director, Department of  
Transportation Planning

**RE:** Letters Sent/Received Since the April 16 TPB Meeting

The attached letters were sent/received since the April 16<sup>th</sup> TPB meeting. The letters will be reviewed under Agenda #5 of the May 21 TPB agenda.

Attachments





# NATIONAL CAPITAL REGION

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# TRANSPORTATION PLANNING BOARD

## MEMORANDUM

TO: Transportation Planning Board

FROM: John Swanson, Principal Transportation Planner

SUBJECT: Listening Sessions to Discuss Implementation of the *Regional Transportation Priorities Plan (RTPP)*

DATE: May 15, 2014

This memo provides a brief update on upcoming outreach activities related to the *Regional Transportation Priorities Plan (RTPP)*.

### Overview

TPB and COG staff are planning to conduct a series of listening sessions in June and July to discuss implementation activities related to the RTPP. Participants will include the staff of the TPB's member jurisdictions and key stakeholder groups.

These sessions will be conducted, in part, as follow-up to the CLRP/RTPP Initial Comparative Assessment, which staff presented to the TPB in April. That document provided an overview of how staff understands the CLRP supports the priorities identified in the RTPP. As COG/TPB staff seek to better understand activities and opportunities to implement the RTPP, we believe the next step is to seek out the opinions of our core constituencies regarding the degree to which the region is making progress in meeting our goals.

### Purpose

The listening sessions will be designed to: 1) gather information on whether and how key stakeholders and jurisdiction staff believe we are achieving regional goals, and 2) solicit support and buy-in from our member governments and key constituencies for the RTPP.

These meetings will seek to illuminate the connections between the RTPP's policy framework and the planning and decision-making activities conducted by the TPB's members. The sessions will include discussion about the importance of regional Activity Centers, which were highlighted in both the RTPP and the recently approved *Place + Opportunity* report. COG staff developed the *Place + Opportunity* report as a resource to strengthen and enhance Activity Centers throughout metropolitan Washington.

The comments received at these events will inform the final RTPP/CLRP Comparative Assessment, which will be presented to the TPB in September, and will help frame future long-range planning activities, including the 2015 CLRP Call for Projects.

## **Details on the Proposed Listening Sessions**

COG/TPB staff will conduct approximately 15 listening sessions before the end of July. We will meet with two types of groups: 1) staff of our member jurisdictions (9-10 meetings) and 2) stakeholders and regional leaders representative of various constituencies and interests (5-6 meetings). The groups will reflect a mix of participants, including people who do not typically participate in TPB activities and may not be familiar with the RTPP.

The sessions will be conducted as two-hour facilitated focus groups. Each meeting will individually address the six goals that underlie the RTPP:

- Provide a Comprehensive Range of Transportation Options
- Promote a Strong Regional Economy, Including a Healthy Regional Core and Dynamic Activity Centers
- Ensure Adequate System Maintenance, Preservation, and Safety
- Maximize Operational Effectiveness and Safety of the Transportation System
- Enhance Environmental Quality, and Protect Natural and Cultural Resources
- Support Inter-Regional and International Travel and Commerce

For each goal, staff will provide a short briefing on “what we know” related to the goal, including information on projects in the CLRP and TIP, and forecasts from the 2013 CLRP performance analysis.

Most of the time at the sessions will be devoted to discussion. Polling questions will be used to identify topics in which participants believe the region is succeeding and where we are falling short of our regional goals. Related to perceived successes, participants will discuss why they think the region is on track. They will also talk about important work that is occurring at local and/or state levels that may fall “beneath the regional radar,” and therefore is not typically measurable by the CLRP/TIP.

Participants will also discuss perceived gaps, identifying ways in which they believe the region is not meeting goals and strategies laid out in the Priorities Plan.

## **Follow-up**

This round of discussions will be concluded by the end of July. In August, staff will use the input gathered at the sessions to inform the final CLRP/RTPP Comparative Assessment, which will be presented to the TPB in September in conjunction with the release for public comment of the 2014 CLRP and FY2015-2020 TIP. The input from the listening sessions will also inform the draft 2015 CLRP Call for Projects, which will be released in October. TPB staff may conduct additional outreach later this year.



U.S. Department  
of Transportation  
**Federal Highway  
Administration**

Office of the Administrator  
April 23, 2014

1200 New Jersey Ave., SE  
Washington, D.C. 20590

**Federal Transit  
Administration**

In Reply Refer To:  
HEPP-1  
TPE-1

Attention: Executive Directors of Metropolitan Planning Organizations

With the renewed focus on transportation planning brought about by the MAP-21, Transportation Secretary Foxx, and the pending issuance of proposed transportation planning regulations, Federal Highway Administration (FHWA) and Federal Transit Administration's (FTA) Offices of Planning are jointly issuing Planning Emphasis Areas (PEAs). The PEAs are planning topical areas that we want to place emphasis on as the Metropolitan Planning Organizations (MPOs) and the State DOTs develop their respective planning work programs. We are asking our FHWA and FTA field offices to meet with their MPO and State DOT counterparts to discuss these emphasis areas and encourage the MPOs and the States to develop and identify work tasks associated with the planning emphasis areas for inclusion in their upcoming unified planning work programs and statewide planning and research work programs for Federal FY-2015. The planning emphasis areas for Federal FY-2015 include:

***MAP-21 Implementation***

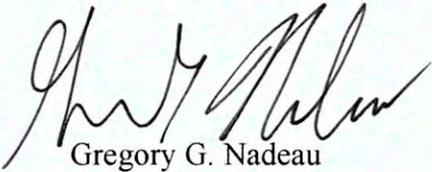
- *Transition to Performance Based Planning and Programming.* The development and implementation of a performance management approach to transportation planning and programming that supports the achievement of transportation system performance outcomes.

***Models of Regional Planning Cooperation***

- *Promote cooperation and coordination across MPO boundaries and across State boundaries where appropriate to ensure a regional approach to transportation planning.* This is particularly important where more than one MPO or State serves an urbanized area or adjacent urbanized areas. This cooperation could occur through the metropolitan planning agreements that identify how the planning process and planning products will be coordinated, through the development of joint planning products, and/or by other locally determined means. Coordination across MPO and across State boundaries includes the coordination of transportation plans and programs, corridor studies, and projects across adjacent MPO and State boundaries. It also includes collaboration among State DOT(s), MPOs, and operators of public transportation on activities such as: data collection, data storage and analysis, analytical tools, and performance based planning.

***Ladders of Opportunity***

- *Access to essential services - as part of the transportation planning process, identify transportation connectivity gaps in access to essential services.* Essential services include housing, employment, health care, schools/education, and recreation. This emphasis area could include MPO and State identification of performance measures and analytical methods to measure the transportation system's connectivity to essential services and the use of this information to identify gaps in transportation system connectivity that preclude access of the public, including traditionally underserved populations, to essential services. It could also involve the identification of solutions to address those gaps.



Gregory G. Nadeau  
Deputy Administrator  
Federal Highway Administration

Sincerely yours,



Therese W. McMillan  
Deputy Administrator  
Federal Transit Administration



# LEAGUE OF WOMEN VOTERS OF THE DISTRICT OF COLUMBIA

1100 15<sup>th</sup> Street, NW Suite 1100

Washington DC 20005-1707

Telephone 202-222-0710 Fax 202-783-0444

Email: [lwvdc@aol.com](mailto:lwvdc@aol.com) Website: [www.lwvdc.org](http://www.lwvdc.org)

May 5, 2014

The Honorable Vincent C. Gray  
Mayor  
The John A. Wilson Building; Room 316  
1350 Pennsylvania Avenue, NW  
Washington, D.C. 20004

Dear Mayor Gray:

The League of Women Voters of the District of Columbia (LWVDC) supports regional cooperation in planning transportation projects. In addition to our league's position, those of the League of Women Voters of Montgomery County and the League of Women Voters of the National Capital Area also support such cooperation.

Our letter is in relation to long-term planning for DC streetcars, one line in particular. In the "DC's Transit Future System Plan" (April 2010) there is discussion of a streetcar line likely to go north of Petworth on Georgia Avenue, the "north-south streetcar." In November 2011 members of the Montgomery County Council expressed interest in the streetcar's terminus being in Silver Spring rather than Takoma Park, per their letter jointly to you and Montgomery County Executive Leggett. They proposed coordination among relevant metropolitan transportation authorities in a related "sketch-planning" exercise.

LWVDC supports improving transit connectivity between the District and Montgomery County. We encourage your administration to consider favorably the Silver Spring option for the terminus of the north-south streetcar and to pursue requisite coordination with appropriate authorities. Such coordination would likely be of interest to authorities of the Metropolitan Council of Governments' meeting in July.

Sincerely,

Barbara T. Yeomans  
President

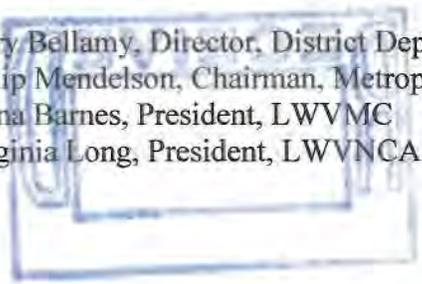
CC:

Mr. Terry Bellamy, Director, District Department of Transportation

✓ Mr. Philip Mendelson, Chairman, Metropolitan COG

Ms. Linna Barnes, President, LWVMC

Ms. Virginia Long, President, LWVNCA



## **ITEM 7 – Action**

May 21, 2014

Approval of an Amendment to the FY 2013-2018 TIP that is Exempt from the Air Quality Conformity Requirement to Include Project and Funding Updates for the Northern Virginia Section of the FY 2013-2018 TIP

### **Staff**

#### **Recommendation:**

Adopt Resolution R16-2014 to approve an amendment to update projects and funding in the Northern Virginia section of the FY 2013-18 TIP.

#### **Issues:**

None

#### **Background:**

At the April 16 meeting notice was provided that the Virginia Department of Transportation (VDOT) had requested an amendment to update projects and funding in the Northern Virginia section of the FY 2013-2018 TIP.

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

**RESOLUTION ON AN AMENDMENT TO  
THE FY 2013-2018 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) THAT IS  
EXEMPT FROM THE AIR QUALITY CONFORMITY REQUIREMENT TO INCLUDE  
PROJECT AND FUNDING UPDATES FOR THE NORTHERN VIRGINIA SECTION,  
AS REQUESTED BY THE VIRGINIA DEPARTMENT OF TRANSPORTATION (VDOT)**

**WHEREAS**, the National Capital Region Transportation Planning Board (TPB), which is the metropolitan planning organization (MPO) for the Washington Region, has the responsibility under the provisions of Moving Ahead for Progress in the 21st Century (MAP-21) for developing and carrying out a continuing, cooperative and comprehensive transportation planning process for the Metropolitan Area; and

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

**WHEREAS**, on July 18, 2012 the TPB adopted the FY 2013-2018 TIP; and

**WHEREAS**, the TIP is available online at [www.mwcog.org/clrp/tip/](http://www.mwcog.org/clrp/tip/) in both a searchable database and PDF formats and is updated as necessary to reflect amendments and administrative modifications; and

**WHEREAS**, notice was provided at the TPB Citizens Advisory Committee (CAC) meeting on April 10, 2014 that VDOT had requested an amendment to the FY 2013-2018 TIP to comprehensively update project and funding information in the Northern Virginia section to be consistent with VDOT and the Virginia Department of Rail and Public Transportation (DRPT) FY 2014-2019 Six Year Improvement Program (SYIP), as described in the attached materials; and

**WHEREAS**, copies of the proposed TIP update document were available at the April 16 and May 21 TPB meetings and on the web at [www.mwcog.org/clrp/tip/vdot-update/](http://www.mwcog.org/clrp/tip/vdot-update/); and

**WHEREAS**, the proposed changes are exempt from the air quality conformity requirement, as defined in Environmental Protection Agency (EPA) regulations "40 CFR Parts 51 and 93 Transportation Conformity Rule Amendments: Flexibility and Streamlining; Final Rule," issued in the May 6, 2005, *Federal Register*;

**NOW, THEREFORE, BE IT RESOLVED THAT** the National Capital Region Transportation Planning Board amends the FY 2013-2018 TIP to comprehensively update project and funding information in the Northern Virginia section, as described in the attached materials.



# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF TRANSPORTATION

4975 Alliance Drive  
Fairfax, VA 22030

CHARLES A. KILPATRICK, P.E.  
COMMISSIONER

April 9, 2014

The Honorable Patrick Wojahn, Chairman  
National Capital Region Transportation Planning Board  
Metropolitan Washington Council of Governments  
777 North Capitol Street, N.E., Suite 300  
Washington, DC 20002-4201

RE: Update Of the National Capital Region FY 2013-2018 Transportation Improvement Program

Dear Chairman Wojahn:

The Virginia Department of Transportation (VDOT) requests the Capital Region Transportation Planning Board (TPB) to initiate an update to the FY 2013-2018 Transportation Improvement Program (TIP). The purpose of the update is to reflect the latest planned funding obligations for the various highway and transit projects that will be included in Virginia's FY 2015-2018 State Transportation Improvement Program (STIP). These projects are already included in the Constrained Long Range Plan (CLRP). This update to the TIP is comprehensive, affects both highway and transit projects and is being requested by VDOT, the Virginia Department of Rail and Public Transportation (DRPT), the Virginia Railway Express (VRE) and the Potomac and Rappahannock Transportation Commission (PRTC).

VDOT and DRPT are currently in the process of updating and adopting their FY 2015-2018 STIP. A prerequisite to adopting the STIP is having the Transportation Planning Board's TIP reflect the planned federal funding obligations listed in the proposed STIP. Additionally, the VRE and PRTC plan to seek authorization of federal funds for a few of their projects and are subject to a similar prerequisite of having the funding amounts reflected in the TPB's TIP. Given the substantive nature of the TIP update, VDOT requests the TPB to release the proposed update for a 30 day public comment period at the April 10, 2014 Citizens Advisory Committee meeting and to take action on the update at the Board's May 21, 2014 meeting.

The proposed funds are included in recent allocations by the Commonwealth Transportation Board as part of Virginia's FY 2014-2019 Six Year Improvement Program. While the proposed funds are new to the TIP, they are part of the total federal and state funding estimates included in the financial plan for the 2010 CLRP update. The proposed TIP amendment will not impact the currently approved regional air quality conformity analysis of the 2013 CLRP since the projects that are regionally significant for air quality conformity have already been included in the approved air quality conformity analysis for the CLRP.

The following documents are provided as attachments and are to be released for public comment on April 10, 2014.

1. **Northern Virginia MPO Report.** These tables provide detailed funding information about individual VDOT highway and transit projects included in the TIP update.

2. **NoVA MPO Table C Report, Northern Virginia MPO Federal Funding Categories and Fiscal Constraint By Year.** This table summarizes the total funding amounts and projected obligation authority, by year and funding source. The table demonstrates that the TIP will remain financially constrained after the update.
3. **Transit Agency TIP Report.** This report summarizes changes to transit projects as proposed by the Virginia Department of Rail and Public Transportation (DRPT), the Virginia Railway Express (VRE) and the Potomac and Rappahannock Transportation Commission (PRTC).
4. **Appendix A, Northern Virginia MPO Projects by Grouping.** This table lists the various individual projects included within the “grouped project” section of the main TIP document.

VDOT requests that this TIP update be considered and acted upon by the Transportation Planning Board at the Board’s meeting on May 21, 2014. VDOT’s representatives will attend the meeting and be available to answer any questions about the amendment.

Thank you for your consideration of this request.

Sincerely,



Helen Cuervo, P.E.  
District Administrator  
Northern Virginia District

cc: Ms. Rene’e Hamilton, VDOT-NoVA  
Ms. Maria Sinner, P.E., VDOT-NoVA  
Mr. Kanathur Srikanth, VDOT-NoVA  
Mr. Dic Burke, P.E., VDOT-NoVA (w/attachments)  
Ms. Deborah Grant, VDOT-CO (w/ attachments)  
Mr. Marie Berry, DRPT (w/ attachments)  
Ms. Betsy Massie, PRTC (w/ attachments)

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

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

**Interstate****ACCESS IMPROVEMENTS AND FLYOVER FOR I-495 HOT LANES**

TIP ID: 6207	Agency ID: 56356	Title: Reconstruction w/o added capacity							
Facility: I 66 I 66 at I 495	AC	80/20/0			4,472 c				4,472
From:									
To:									
Description:									
<b>Total Funds:</b>									<b>4,472</b>

**Boundary Chanel Drive Modifications**

TIP ID: 5965	Agency ID: ARL0019	Title: Boundary Chanel Drive Modifications							
Facility:	Local	0/0/100			8,000 c				8,000
From:									
To:									
Description:	This project involves modifications to the intersection of Boundary Channel Drive and Old Jefferson Davis Highway immediately off of the I-395/Boundary Channel Drive Interchange. The project is part of the County's Long Bridge Park redevelopment initiative which includes the construction of a large regional aquatic Center.								
<b>Total Funds:</b>									<b>8,000</b>

**Congestion Management Plan**

TIP ID: 5541	Agency ID:	Title: NoVA GEC Mega Project Administration							
Facility:	AC	90/10/0		10,200 c					10,200
From:									
To:	NHPP	80/20/0			4,390 a				4,390
	State	0/100/0		1,564 c					1,564
<b>Total Funds:</b>									<b>16,154</b>

Description: Provide Project Administration for NoVA Mega Projects. This is a breakout of UPC 87396.

**I-395 Construct 4th Southbound Lane**

TIP ID: 6121	Agency ID: 103316	Title: I-395 Construct 4th Southbound Lane							
Facility: I Henry G. Shirley Memorial Highway southb	AC	100/0/0		1,075 a					1,075
From: VA Duke Street north of									
To: VA Edsall Road south of	HSIP	90/10/0		1,075 a					1,075
<b>Total Funds:</b>									<b>2,150</b>

Description: The project will add a continuous sound 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.

5/15/2014

Final Draft for Public Comment

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

FY 2013 - 2018

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>I-395/ Seminary Road New Reversible Lane Ramp</b>									
<b>TIP ID: 6266 Agency ID: 102898 Title: Mark Center Short Term Traffic Monitoring (PE Only)</b>									
Facility: I 395	DEMO	100/0/0							-94 a
From: Seminary Rd.									
To: Seminary Rd.									
Description: Traffic Study									
<b>TIP ID: 6268 Agency ID: 102900 Title: Mark Center Mid Term Improvements</b>									
Facility: I 395	DEMO	100/0/0							-1,079 b
From: Seminary Rd.									
To: Seminary Rd.									
Description: ROW aquisition									
<b>TIP ID: 6029 Agency ID: UPC# 96261 Title: I-395/ Seminary Rd Reversible lane ramp</b>									
Facility: I	AC	90/10/0	70,400 c						
From: Seminary Road Interchange	AC Conversion	100/0/0		15,042 c	35,111 c	8,625 a			68,243
To:						730 b			
						8,735 c			
	AC Conversion	90/10/0		463 a					1,463
				1,000 b					
	AC	100/0/0	1,000 b						
	IM	90/10/0	4,699 a						
	NHS	80/20/0	463 a						

**Total Funds: 69,706**

Description: Project constructs new single lane, reversible HOV ramp on I-395 HOV lanes to the third level of the Seminary Road Interchange. The project adds ramp capacity to accommodate HOV and transit for the additional 6,400 employees of the Department of Defense - Washington Headquarters Services locating to Mark Cengter as part of the 2005 Base Realignment and Closure. An operational study is underway and a draft Interchange Modification Report will begin later this year. Environmental Reviews are expected to be underway in 2011. Project funding will be included in VDOT's FY12-17 Six Year Improvement Program scheduled to be adopted by the Commonwealth Transportation Board in June, 2011.

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

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>I-495 Capital Beltway Auxiliary Lanes</b>									
TIP ID: 6280 Agency ID: 94611 Title: GEC Design Services I495/DAAH Interchange Improvements									
Facility: I 495	NHS	80/20/0			6,571 a				7,271
From: .1 mi. E. of Spring Hill Rd.					700 b				
To: I-495					-15,100 c				
									<b>Total Funds: 7,271</b>

Description: To improve access at the Dulles Airport Access Highway/Interstate 495 interchange

<b>I-495 HOT Lane Support</b>									
TIP ID: 6272 Agency ID: 68805 linked with Title: BUILD 4-HOT LANES FROM SPRINGFIELD TO N OF DULLES TOLL RD									
Facility:	AC Conversion	100/0/0			-15,389 a				16,017
From:					16,017 c				
To:									
	IM	80/20/0			100 c				100
	NHPP	100/0/0			3,829 c				3,829
	NHS	100/0/0			5,098 c				5,098
									<b>Total Funds: 25,044</b>

Description:

<b>I-495 Hot Lane Support</b>									
TIP ID: 6279 Agency ID: 89486 linked with Title: I-495 Hot Lane Support									
Facility: I 495	AC Conversion	100/0/0			5,351 a				21,165
From: Springfield Interchange					700 b				
To: Dulles Toll/Access Road					15,114 c				
									<b>Total Funds: 21,165</b>

Description:

<b>I-495 HOT Lanes- South of GW Pkwy to South of Old Dominion Drive</b>									
TIP ID: 6282 Agency ID: 94944 Title: Noise Barriers 13A and 13E on I-495									
Facility: I 495	AC Conversion	80/20/0			23 a				23
From: Old Dominion Blvd									
To: Georgetown Pike	NHS	80/20/0			-1,823 c				
									<b>Total Funds: 23</b>

Description: Noise barrier installation

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

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>I-495 HOT/HOV Lanes</b>										
<b>TIP ID: 6286    Agency ID: 103580 linked to 8    Title: I-495 HOT Lanes Final Landscaping Phase I</b>										
Facility: I 95	NHS	100/0/0				729 c				729
From: Springfield Interchange										
To: Old Dominion Drive										
Description: Landscaping										<b>Total Funds: 729</b>
<b>TIP ID: 6287    Agency ID: 103581    Title: I-495 HOT Lanes Final Landscaping Phase II</b>										
Facility:	NHS	100/0/0				1,009 c				1,009
From:										
To:										
Description: Landscaping										<b>Total Funds: 1,009</b>
<b>TIP ID: 6200    Agency ID: 105130    Title: I-495 Express Lanes Shoulder Use</b>										
Facility: I 495 Capital Beltway Express Lanes	AC	100/0/0			3,000 a					20,000
From: Old Dominion Drive overpass					17,000 c					
To: George Washington Parkway (south of)										
Description: The project involves upgrading the inside shoulders along northbound I-495 to assist in the merging of Express lane traffic with GP lanes. This project is part of (early phase) the planned Express lanes extension project.										<b>Total Funds: 20,000</b>
<b>TIP ID: 6275    Agency ID: 84742    Title: HOT LANES PAVEMENT REHABILITATION AND OTHER CONSTRUCTION</b>										
Facility: I 495	AC Conversion	100/0/0				1 a				1
From: Fairfax County										
To:	IM	90/10/0				1,211 a				1,211
						-1,211 c				
Description: Pavement Rehabilitation										<b>Total Funds: 1,212</b>
<b>TIP ID: 6276    Agency ID: 87771 linked with    Title: I-495 Hot Lanes Project</b>										
Facility: I 495	AC Conversion	100/0/0				1,328,629 a				1,559,385
From:						230,756 b				
To:	IM	90/10/0				4,897 b				4,897
	NHS	100/0/0				8,902 b				8,902
Description: Roadway improvements--High Occupancy/Toll lanes										<b>Total Funds: 1,573,184</b>

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

			Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>I-66 - Additional Lanes, HOV Lanes</b>												
TIP ID: 6350	Agency ID:	Title: I-66 Widening to Route 15 (1 HOV + 1 SOV ea. direction)										
Facility: I 66		AC	100/0/0					38,298 c	5,768 c			44,066
From: 1.2 mi. W. of Route 15 (mp 39.6)		NHPP	100/0/0					70 a				70
To: .8 mi. E. of Route 15 (mp 44.1)								-70 b				
											<b>Total Funds:</b>	<b>44,136</b>

Description: RTE 66 ADDITIONAL LANES (HOV PEAK) - Omnibus Act of 2009

<b>I-66 @ Route 28 Interchange Improvements</b>												
TIP ID: 6208	Agency ID: 103317	Title: I-66 @ Route 28 Interchange Improvements										
Facility:		AC Conversion	100/0/0					13,000 b				38,000
From:								25,000 c				
To:												
											<b>Total Funds:</b>	<b>38,000</b>

Description: 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.

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

Source		Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>I-66 and US 29 Interchange, Widen and Construct US 29 and VA 55</b>										
TIP ID: 4794		Agency ID:		Title: I-66 - Reconstruction of Interchange at Rte 29 (Gainesville) Phase IV						
Facility: I Interchange		AC	80/20/0	1,086 a						
From: US Virginia Oaks Drive Intersection				31,848 b						
To: 0.133 mile west of WB I-66				1,960 c						
		AC Conversion	80/20/0	1,086 a	5,627 c					38,774
				31,848 b						
				213 c						
		Earmark	80/20/0	254 b						
				457 c						
<b>Total Funds:</b>										<b>38,774</b>

Description: Reconstruct the existing I-66/US 29 interchange in Gainesville. Reconstruction may include the addition of exclusive HOV access ramps within the interchange or in close proximity to the interchange.

Due to high traffic volumes, existing and projected traffic operational problems, and land use issues in the vicinity of the I-66/US 29 interchange; the design/evaluation of this interchange will include, but not necessarily be limited to, the following components:

- \* a grade separation of US 29 and the Southern Railroad tracks,
- \* an interchange between US 29/Relocated VA 55/Relocated VA 619 (Linton Hall Road),
- \* widening of US 29 to six lanes from the vicinity of Virginia Oaks Drive to the interchange,
- \* relocation/widening of VA 55 to four lanes from the vicinity of the Gainesville United Methodist Church to US 29,
- \* relocation/widening of VA 619 in the vicinity of US 29,
- \* a four-lane East-West Connector link bridging over I-66 between Route 29 (opposite Conway Robinson Memorial State Forest) to Route 674 (Wellington Road),
- \* improvements on US 29 north of the I-66 interchange between the interchange and the Connector Link.

5/15/2014

Final Draft for Public Comment

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

FY 2013 - 2018

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>I-66 HOV &amp; SOV Widening</b>									
TIP ID: 5908 Agency ID: 93577 Title: I-66 HOV & SOV Widening									
Facility: I HOV and SOV									
From: US 0.8 miles east of									
To: US 1.2 miles west of									
AC	90/10/0	4,069 a							
		1,693 b							
		68,376 c							
AC Conversion	90/10/0		4,069 a	9,187 c	38,298 c	5,769 c			60,305
			1,692 b						
			1,290 c						
DEMO	80/20/0	238 a							
IM	90/10/0	2,407 a							
NHPP	80/20/0				70 a				70
					-70 b				
<b>Total Funds:</b>									<b>60,375</b>

Description: This project involves widening A 2.5 mile stretch of the existing four lanes of I-66 to eight lanes by adding one HOV lanes and one general purpose lane in each direction.

<b>I-66 Spot Improvements Inside the Beltway</b>									
TIP ID: 6206 Agency ID: 78827 Title: I-66 Spot Improvements 3									
Facility: I 66 I 66 Spot Improvements 3									
From: rt 120 .045 E. of Glebe Rd									
To: US 29 .095 W. of Lee Highway									
Description: New construction roadway									
AC	80/20/0				14,536 c				14,536
<b>Total Funds:</b>									<b>14,536</b>
TIP ID: 4303 Agency ID: 78828 Title: Westbound ACCEL/DECEL LN Westmoreland to Haycock Rd									
Facility: I									
From: Westmoreland Dr. / Washington Blvd Exit									
To: Haycock Rd /Dulles Access Highway Ramp									
AC	80/20/0		3,166 c			135 a			14,575
						11,274 c			
Earmark	80/20/0	1,821 a	321 a						16,041
			15,720 c						
<b>Total Funds:</b>									<b>30,616</b>

Description: Construct Spot Improvement Phase II within cited limits.

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

			Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>I-66 Study / Access Improvements(Outside the Beltway)</b>												
TIP ID: 6348	Agency ID: 105239	Title: I-66 PPTA Study										
Facility: I 66		AC	100/0/0					500 a				500
From: I 95		NHS	80/20/0					1,000 a				1,000
To: VA 15												
											<b>Total Funds:</b>	<b>1,500</b>

Description: Develop additional information for procurement. Break out of UPC 54911

**I-95**

TIP ID: 6358	Agency ID: 96257	Title: Quantico BRAC - Review & Monitor										
Facility:		NHS	80/20/0					177 a				177
From: Ramp @ Russell Rd												
To: End of Ramp onto I-95												
											<b>Total Funds:</b>	<b>177</b>

Description: To review and monitor transportation improvements related to Quantico BRAC development

**I-95 - Jones point Park Bulkhead & Interim Improvements**

TIP ID: 6224	Agency ID: 64614	Title: RTE 95 - JONES POINT PARK IMPROVEMENTS - CONTRACT VA8										
Facility: I-		NHS	80/20/0					264 a				264
From: Rt 1 0.43 Mi. E. of US Route 1								-304 c				
To: Rt 1 0.80 Mi. E. of US Route 1												
											<b>Total Funds:</b>	<b>264</b>

Description: Acquire scenic easement to fulfill environmental impact mitigations as required by EIS for Woodrow Wilson Bridge project.

TIP ID: 6226	Agency ID: 64615	Title: Jones Point Park										
Facility:		NHS	80/20/0					471 c				471
From:												
To:												
											<b>Total Funds:</b>	<b>471</b>

Description: New Construction Roadway-Construct Anti-Climb Fence, Anti-Graffiti Coating using funds to be transferred from Maryland. Goes with UPC 64614.

TIP ID: 6227	Agency ID: 64616	Title: RTE 95 - JONES POINT PARK REFORESTATION - CONTRACT VM5										
Facility:		NHS	80/20/0					249 c				249
From:												
To:												
											<b>Total Funds:</b>	<b>249</b>

Description: Landscaping/Beautification.Reforestation, all landscaping,vegetative eradication and E&S

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<b>I-95 HOT/HOV Lanes Construction</b>												
TIP ID: 6037	Agency ID:	Title: HOV/HOT Lanes Project PPTA Develop & Mgmt Oversight										
Facility:		AC	100/0/0	57,807 c								
From:												
To:		AC Conversion	100/0/0		11,626 c	10,000 c						21,626
		NHS	100/0/0	14,784 c								
											<b>Total Funds:</b>	<b>21,626</b>

Description:

TIP ID: 6259	Agency ID: 101557	Title: I-95 HOT/HOV Hot Lanes Transit Management Plan										
Facility: I 95		NHS	100/0/0					-32 a				
From:												
To:												

Description: Study of transit needs and impacts of I-95 HOT Lanes

TIP ID: 6260	Agency ID: 102710	Title: Public Contribution for I-95 HOV/HOT Lanes Project										
Facility: I 95		AC	100/0/0					-11,450 c				
From:												
To:												

Description: Public funding contribution for I-95 HOT Lanes

TIP ID: 6261	Agency ID: 102711	Title: I-95 HOV/HOT Lanes Project PPTA Develop and Mgt. Oversight										
Facility: I 95		AC Conversion	100/0/0					47,663 c				47,663
From:												
To:		NHPP	100/0/0					15,537 c				15,537
		NHS	100/0/0					-26,910 a				16,782
											<b>Total Funds:</b>	<b>79,982</b>

Description: 102711

TIP ID: 6262	Agency ID: 103019	Title: I-95 HOT Lanes early work										
Facility: I 95		AC	100/0/0					17,152 a				17,152
From:								-17,152 c				
To:												

Description: I-95 HOT Lanes early work-federally eligible activities

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<b>TIP ID: 6263</b>		<b>Agency ID: 103020</b>		<b>Title: I-95 HOT Lanes early work Non federally eligible</b>							
Facility: I 95		AC	100/0/0				25,555 a				25,555
From:							-25,555 c				
To:											
<b>Total Funds:</b>											<b>25,555</b>

Description:

<b>TIP ID: 6264</b>		<b>Agency ID: 103106</b>		<b>Title: I-95 HOV/HOT Lanes Construction</b>							
Facility: I 95 I-95		AC Conversion	100/0/0				-25,378 a				
From: Garrisonville Rd.											
To: 1 mi. N. of Edsall Rd.											

Description:

<b>TIP ID: 6265</b>		<b>Agency ID: 103222 [T11619]</b>		<b>Title: I-95 HOV/HOT Lanes Debt Service</b>							
Facility: I 95 Interstate 95		AC	100/0/0				97,879 c				97,879
From: Garrisonville Rd.											
To: 1 mi. N. of Edsall Rd.		AC Conversion	100/0/0				4,076 c	7,355 c	7,808 c	7,458 c	26,697
<b>Total Funds:</b>											<b>124,576</b>

Description: Debt service

<b>TIP ID: 6250</b>		<b>Agency ID: 70849</b>		<b>Title: I-95/395 Preliminary Engineering Studies</b>							
Facility: I 95 I-95/395		AC Conversion	100/0/0				10,141 a				10,141
From: I 95 Garrisonville Rd.											
To: 1 mi. N. of Edsall Rd.		IM	90/10/0				9,380 a				9,380
		NHPP	80/20/0				422 a				422
		NHS	100/0/0				15,771 a				15,771
<b>Total Funds:</b>											<b>35,714</b>

Description: PE Studies for I-95/395 HOT Lanes

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<b>TIP ID: 5963</b>			<b>Agency ID: T11635/103106</b>			<b>Title: I-95 HOT/HOV Lanes Construction</b>						
Facility: I			AC	100/0/0	42,707 a							
From: Garrisonville Road (Stafford COuntY)					796,293 c							
To: I-395 one mile north of Edsall Road												
			BD	0/100/0	92,000 c							
			PRIV	0/0/0		592,148 c						592,148
											<b>Total Funds:</b>	<b>592,148</b>

Description: This project involves the construction of a HOV lane and conversion of all HOV lanes on I-95 between Garrisonville Road (Stafford County) and to a point on I-395 one mile north of Edsall Road.

**I-95 HOV/HOT Lanes Debt Service**

<b>TIP ID: 5964</b>			<b>Agency ID: T11619</b>			<b>Title: I-95 HOV/HOT Lanes Debt Service</b>						
Facility: I			AC Conversion	100/0/0		2,504 c	7,520 c	7,517 c	7,519 c			25,060
From: Garrisonville Road (Stafford County)												
To: King Street City of Alexandria												
											<b>Total Funds:</b>	<b>25,060</b>

Description: The project involves the construction of a HOV lane and conversion of all HOV lanes into Bus/HOV/HOT lanes on I-95 between Garrisonville Road (Stafford County) to a point one mile north of Edsall Road.

**I-95/I-395 HOV / Bus / HOT Lanes Project**

<b>TIP ID: 6220</b>			<b>Agency ID: 14682</b>			<b>Title: Build HOV Ramps between I-95 and Capital Beltway- Fairfax County</b>						
Facility: I 95 /I-395			IM	90/10/0				-18,739 c				
From: Springfield Interchange/395												
To: Springfield Interchange/495			NHPP	80/20/0				14,925 a				14,925
											<b>Total Funds:</b>	<b>14,925</b>

Description: Complete the Springfield Intercahnge Project by providing system to system HOV connections between 1\_495 and I-395

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Source		Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>NB I-395 Auxiliary Lane (Duke St. to Seminary Road)</b>										
TIP ID: 5966 Agency ID: 102437		Title: NB I-395 Auxiliary Lane (Duke St. to Seminary Road)								
Facility: I 395	AC	80/20/0		13,005 c						13,005
From: Duke street	AC Conversion	80/20/0		13,005 c	5,204 c	7,998 c				26,207
To: Seminary Road	AC Conversion	100/0/0				1,699 a				5,093
						224 b				
						3,170 c				
	NHS	80/20/0		1,000 a						1,500
				500 b						
<b>Total Funds:</b>										<b>45,805</b>

Description: The project involves the construction of an auxiliary lane on I-395 from the Duke Street on-ramp to the Sanger Avenue Bridge.

<b>Reconstruction of I-66/ Rte. 15 Interchange</b>										
TIP ID: 5930 Agency ID: 100566		Title: Reconstruction of I-66/Rte. 15 Interchange								
Facility: i-66	AC	90/10/0	5,000 b							
From: Rte. I-66/Rte 15 Interchange			45,383 c							
To:	AC Conversion	90/10/0		5,000 b	20,000 c	27,148 c				62,148
				10,000 c						
	IM	90/10/0	3,400 a							
<b>Total Funds:</b>										<b>62,148</b>

Description:

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	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Transit Service Improvements</b>										
<b>TIP ID: 4152 Agency ID: 81009 Title: I-66 Vienna Metrorail Accessibility and Capacity Improvements</b>										
Facility: I	AC	100/0/0			471 c	14,276 c				14,747
From: Transit Ramps- from EB & to WB	CMAQ	80/20/0			13,261 c	15,772 c				29,033
To: @ Vaden Drive	RSTP	80/20/0		500 b	20,621 c	-705 a 1,000 b 20,102 c				42,223
	STP	80/20/0	-805 a		583 c					583
<b>Total Funds:</b>										<b>86,586</b>

Description: Construction of a transit access ramp from I-66 to the Vaden Drive bridge, adjacent to the Vienna Metrorail Station. The proposed ramps would access Vaden Drive from the center of I-66 providing for bus access from the HOV/leftmost lane east bound and to the HOV/leftmost lane west bound. The ramps would be operational 24/7.

<b>Woodrow Wilson Bridge, Replace and Widen</b>										
<b>TIP ID: 6210 Agency ID: 103479 Title: Freedmans Cemetery Enhancements- Sculture</b>										
Facility: I 95	AC Conversion	80/20/0				6 c				6
From: 1001 S. Washington St.										
To: 714 Church Stl										
<b>Total Funds:</b>										<b>6</b>
Description: Design, fabricate and install a sculpture in the Contrabands and Freedmen's Cemetery Memorial. Related to UPC 76210										

<b>TIP ID: 6211 Agency ID: 18136 Title: Reconstruction w/o added capacity</b>										
Facility: I 95	AC	100/0/0				6,241 a				6,241
From: 2.1 mi. W. of Telegraph Rd.	NHS	80/20/0			0 b					
To: .45 mi. E. of Telegraph Rd.										
<b>Total Funds:</b>										<b>6,241</b>

Description: Widden I-95 to add lanes

<b>TIP ID: 6216 Agency ID: 55516 Title: I 95 Woodrow Wilson Memorial Bridge RW Only</b>										
Facility: I 95	DEMO	80/20/0				68,593 b				68,593
From: .3 mi. W. of Washington St.in Alexandria	IM	80/20/0				12,010 b				12,010
To: MD state line										
<b>Total Funds:</b>										<b>80,603</b>

Description: Acquire ROW for bridge/I95 widening.

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<b>TIP ID: 6217 Agency ID: 76210</b>		<b>Title: I 95 Freedmen's Cemetary Enhancements</b>									
Facility: I 95		AC Conversion	80/20/0				156 c				156
From: S Washington St		AC Conversion	100/0/0				512 c				512
To: Church St		NHS	80/20/0				-156 b				
<b>Total Funds:</b>											<b>668</b>

Description: Locally administered R/W and Construction Phase by the City of Alexandria. FHWA oversight via WWB project Manager. Project is per the US DoT/City of Alexandria Settlement Agreement. Project will acquire land and construct memorial at Freedmans Cemetary

<b>TIP ID: 6218 Agency ID: 77923</b>		<b>Title: I 95 Grade Separation of Southern Intersection</b>									
Facility: I 95		AC	100/0/0				22 b				1,979
From: .5 mi. W. of Telegraph Rd./I95 Interchange							1,957 c				
To: 5 mi. E. of Telegraph Rd./I95 Interchange											
<b>Total Funds:</b>											<b>1,979</b>

Description:

**WWB/I-95 Study, Construct, Rehabilitation**

<b>TIP ID: 4851 Agency ID:</b>		<b>Title: I-95 - HOV Ramp Construction for WWB</b>									
Facility: I		NHS	80/20/0				4,455 c				4,455
From: Rte 1 Interchange											
To:											
<b>Total Funds:</b>											<b>4,455</b>

Description: I-95 - HOV Ramp Construction for WWB

**Primary**

**Alternative 3B: Dulles Air Cargo, Passenger, Metro Access Highway - Loudoun CTP Alignment5**

<b>TIP ID: 6079 Agency ID:</b>		<b>Title: Dulles Air Cargo, Passenger Metro Access</b>									
Facility: Dulles Air Cargo, Passenger & METRO Acce		AC	80/20/0		500 a						500
From: Tri-County Parkway		AC Conversion	80/20/0			500 a					500
To: Loudoun COunty Parkway		State	0/100/0		500 a						500
<b>Total Funds:</b>											<b>1,500</b>

Description: Proposal to look at three alternatives to improve access between Tri-County Parkway and Loudoun County Parkway, and north on Rte 606 to west side of Dulles Airport.

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Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Construct Interchange at Rte. 7 and Rte 659 - Belmont Ridge Road</b>									
TIP ID: <b>5926</b> Agency ID: <b>99481</b> Title: <b>Rte 7/ Rte 659 Interchange</b>									
Facility: VA John Mosby Highway	AC	100/0/0	13,305 b		115,253 c				128,558
From: Route 659 Belmont Ridge Road	AC Conversion	80/20/0			6,500 b				6,500
To:	DEMO	80/20/0			-6,500 a				
	STP	80/20/0	495 b						495
<b>Total Funds:</b>									<b>135,553</b>

Description: Construct interchange at Rte 7 and Rte 659 to alleviate congestion and reduce accidents at one of Loudoun County's most dangerous interchanges.

### Manassas National Battlefield Park Bypass

TIP ID: <b>6304</b> Agency ID: <b>103319</b> Title: <b>RT 29 Manassas National Battlefield Bypass - PE Only</b>									
Facility: US 29 Lee Highway	AC	100/0/0			4,500 a				4,500
From: I 66									
To: VA 621									
<b>Total Funds:</b>									<b>4,500</b>

Description: Construct new road (bypass). \$500,000 of PE is for mitigation easements.

### Nokesville Road Widening

TIP ID: <b>6302</b> Agency ID: <b>92080</b> Title: <b>RT 28 Widen to Four Lanes Including RT 215 Re-alignment</b>									
Facility: VA 28 Nokesville Rd.	RSTP	80/20/0			41,885 c	1,278 c			43,163
From: Linton Hall Rd.									
To: Fitzwater Dr.									
<b>Total Funds:</b>									<b>43,163</b>

Description: 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.

### Route 234 Bypass Extension

TIP ID: <b>6354</b> Agency ID: Title: <b>Bi-County Parkway</b>									
Facility:	AC	100/0/0			5,000 a				5,000
From:									
To:									
<b>Total Funds:</b>									<b>5,000</b>

Description: Continue preliminary engineering of UPC 52405 Tri-County Parkway to the Design Approval milestone and solicitation as a PPTA. (JCZ)

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<b>Route 50 Paving Loudoun County</b>									
TIP ID: <b>5909</b> Agency ID: Title: <b>Route 50 Paving Loudoun County</b>									
Facility: EB/MG 80/20/0 402 a 4,020									
From: Route 50 W Corridor 3,618 c									
To: Route 50 W Corridor									
									<b>Total Funds: 4,020</b>

Description:

<b>Route 7 (Leesburg Pike) Widening (VA 267 to Reston Ave.)</b>									
TIP ID: <b>6300</b> Agency ID: <b>52328</b> Title: <b>RT 7- Wident to Six Lanes PE Only</b>									
Facility: RT 7 Leesburg Pike AC Conversion 100/0/0 18,386 a 18,386									
From: Jarrett Valley Dr. (mm 51.4)									
To: Reston Ave. (mm. 51.4)									
									<b>Total Funds: 18,386</b>
Description: 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. 									

<b>Rte 28 Widening</b>									
TIP ID: <b>5923</b> Agency ID: Title: <b>Widening of Rte 28</b>									
Facility: AC Conversion 80/20/0 60 a 60									
From: From Rte 234 Bypass									
To: SCL of City of Manassas									
									<b>Total Funds: 60</b>
Description: Widening of Rte 28 (Nokesville Road( between the Rte 234 Bypass and SCL of City of Manassas.									

<b>Rte. 28 Widening</b>									
TIP ID: <b>6298</b> Agency ID: <b>96721</b> Title: <b>Route 28 Widening</b>									
Facility: VA 28 Nokesville Rd AC 100/0/0 1,400 c 1,400									
From: Godwin Drive									
To: City Southern Corporate Limits RSTP 80/20/0 1,600 b 2,155 c 3,755									
									<b>Total Funds: 5,155</b>
Description: Widen to six lanes									

<b>US 1 Construct 6-Lane divided roadway</b>									
TIP ID: <b>5490</b> Agency ID: <b>PWC0013/ UPC# 1</b> Title: <b>US 1 Construct 6-Lane divided roadway</b>									
Facility: US BD 0/0/100 2,014 c 2,014									
From: VA Neabsco Mills Road / Blackburn Dd									
To: VA Featherstone Rd									
									<b>Total Funds: 2,014</b>
Description: Design 6-lane divided roadway within the above limits. This project will help alleviate congestion on the existing transportation infrastructure (primarily Route 1 and some of the side streets and intersections) considering that Route 1 is a major thoroughfare within Prince William County. This roadway carries also traffic from Fairfax and Stafford Counties. Many segments of Route 1 currently perform below LOS D during peak periods as well as daily. This particular segment is no exception.									

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**US 1, Widen, Reconstruct Interchange, Study**

TIP ID: **6291** Agency ID: Title: **REPLACE AND WIDEN BRIDGE AND APPROACHES AT NEABSCO CREEK**

Facility:	AC Conversion	100/0/0			1,116 a				2,171
From:					846 b				
To:					209 c				

**Total Funds: 2,171**

Description: Replace the existing bridge over Neabsco Creek with a six lane divided facility that includes pedestrian and bicycle facilities. 

**US 1, Widen, Reconstruct Interchange, Study**

TIP ID: **6296** Agency ID: **104303** Title: **WIDEN ROUTE 1 TO SIX LANES - PE & RW ONLY**

Facility: US 1	AC	80/20/0						891 a	891
From: Feathersotne Rd.	RSTP	80/20/0						5,409 a	5,409
To: Mary's Way									

**Total Funds: 6,300**

Description: Reduce congestion and improve safety by increasing capacity and providing multimodal facilities for pedestrians and bicycles. 

**US 1/ VA 123 Interchange, Widen**

TIP ID: **6310** Agency ID: **94102** Title: **US 1/RT 123 Interchange Construction Phase-I (Route 1 Widening ony)**

Facility: US 1	AC Conversion	100/0/0			45,220 c				45,220
From: 0.50 miles South of existing Rte 123	RSTP	80/20/0			526 c				526
To: 0.40 miles North of existing Rte 123									

**Total Funds: 45,746**

Description: 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 planned development in the area.

**US 15 South King Street Widening**

TIP ID: **6257** Agency ID: **17687** Title: **Widen US 15 Phase I**

Facility: US 15 S. King Street	RSTP	80/20/0			694 c				694
From: Masons Lane									
To: VA 621 Evergreen Mill Road									

**Total Funds: 694**

Description: Widen US 15 (Phase I)

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<b>US 29 Improvements, City of Fairfax</b>										
<b>TIP ID: 4025      Agency ID:</b>										
<b>Title: Rte 29 - Lee Highway - Widen to 6 Lanes</b>										
Facility: US Lee Highway	AC	100/0/0		1,561 c	1,561 c					3,122
From: VA Chain Bridge Rd	DEMO	80/20/0			3,104 c					3,104
To: Eaton Place	Earmark	80/20/0			2,686 c					2,686
	EB/MG	80/20/0	-859 b		513 c					513
	STP	80/20/0	-180 a							
<b>Total Funds:</b>										<b>9,425</b>

Description: Widen the existing roadway to six lanes.

<b>US 29, Construct, Widen</b>										
<b>TIP ID: 6323      Agency ID: 11395</b>										
<b>Title: Route 29 and Gallows Road Intersection Improvement</b>										
Facility: US 29 Lee Highway	STP	80/20/0				420 a				420
From: .009 mi. W. of Merrilee Dr.						-2,859 b				
To: I-495						0 c				
<b>Total Funds:</b>										<b>420</b>

Description: Improve Intersection of Gallows Road and Lee Highway

<b>US 29 Lee Highway</b>										
<b>TIP ID: 6324      Agency ID: 88600</b>										
<b>Title: Water Main Relocaitons and Water System Upgrades</b>										
Facility: US 29 Lee Highway	State	0/100/0								-1,061 c
From: 70' W. of Merrilee Dr.										
To: 97'E. of Hartland Rd.										

Description: To be constructed in advance of VDOT roadway construction project 0029-029-119, C508 to accelerate widening construction.

<b>US 50 Interchange</b>										
<b>TIP ID: 6305      Agency ID: 13531</b>										
<b>Title: Arlington Blvd, RT 50 10th St. and Courthouse Rd. Interchanges</b>										
Facility:	AC	100/0/0				750 a				750
From:										
To:	EB/MG	80/20/0				-225 b				
<b>Total Funds:</b>										<b>750</b>

Description: Proposed improvements involve adding collector distributor roads to both eastbound and westbound Arlington Blvd. These improvements will replace the 10th St. and Courthouse Rd. interchanges.

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<b>US 50, Widen</b>									
TIP ID: 4637 Agency ID: 68757 Title: US 50 - 6-Lane Widening from Sully Rd. to Poland Rd.									
Facility: VA 28 Sully Rd	AC Conversion	80/20/0	4,179 a	8,198 a	9,701 a				20,270
From: VA Poland Road					2,371 c				
To: VA	AC Conversion	100/0/0				165 a			165
	DEMO	80/20/0			0 a				
<b>Total Funds:</b>									<b>20,435</b>

Description: Improve capacity along the roadway. Traffic volumes have increased significantly due to new development along the Route 50 corridor. Widening will help relieve congestion and improve the safety and operation of the roadway.  
VP8c

<b>USMC Heritage Center Road Improvements</b>									
TIP ID: 5824 Agency ID: Title: Rte 1 - Fuller Heights Rd/Fuller Rd Relocation Project									
Facility: Fuller Road	BD	0/0/100			461 c				461
From: Rte 1/Rte 619 Intersection	FLTP	100/0/0			2,659 c				2,659
To: 0.2mi. SE from Rte 1									
<b>Total Funds:</b>									<b>3,120</b>

Description: Project relocates existing intersection of Fuller Heights Road with Fuller Road. Fuller Heights Road at Fuller Road will end in a cul-de-sac. Improve access to the USMC Quantico Marine Base, improve operations, capacity and level of service to Rt. 1 Jefferson Davis Hwy- Fuller Heights and Fuller Road intersections.

<b>VA 234, Widen/Construct with Interchange at US 1</b>									
TIP ID: 6327 Agency ID: 3790 Title: Route 234 Develop from 2 Lanes to 4 Lanes									
Facility: 234	AC	100/0/0			3,935 b				27,434
From: 5.37 mi. W. of I-95					23,499 c				
To: 2.069 W. of I-95									
<b>Total Funds:</b>									<b>27,434</b>

Description: Widen Route 234 to 4 Lanes

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Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>VA 235 Mt Vernon Memorial Hwy, Reconstruct, Study</b>									
TIP ID: 6314 Agency ID: 77404 Title: Mulligan Rd Realign Rt. 235 and Widen Rt. 619									
Facility: 235 Mt. Vernon Highway / Mulligan Rd.	AC	100/0/0			31,896	c			31,896
From: MOUNT VERNON HIGHWAY/ROUTE 1	DEMO	80/20/0			437	a			437
To: VA 611 TELEGRAPH ROAD	RSTP	80/20/0			5,200	a			8,550
					3,350	c			
									<b>Total Funds: 40,883</b>

Description:

<b>VA 27, Reconstruct Interchange at VA 244</b>									
TIP ID: 4344 Agency ID: 13528 Title: VA 27 - Interchange Modifications									
Facility: VA Washington Blvd Interchange	AC Conversion	80/20/0		2,760	a				4,375
From: I North of 0.31 mile				1,615	b				
To: VA North of 0.29 mile	AC Conversion	100/0/0				-9,693	c		
	AC	80/20/0	997	c					
	BR	80/20/0			1,508	a			2,255
					-2,254	b			
					747	c			
	EB/MG	80/20/0			-164	b			164
					164	c			
									<b>Total Funds: 6,794</b>

Description: Rehabilitate Washington Blvd. Interchange (Rte 27 & 244). Rehabilitate the existing grade-separated Washington Boulevard Interchange at Columbia Pike to eliminate existing safety hazards and provide geometric improvements.

<b>VA 28</b>									
TIP ID: 6270 Agency ID: Title: Rte 28 Widening									
Facility: VA 28 Nokesville Road	AC	100/0/0				1,386	c		1,386
From: VA Godwin Drive	RSTP	80/20/0			1,600	b	2,155	c	3,755
To:									
									<b>Total Funds: 5,141</b>

Description: Widening VA 28 between City Limits & Godwin Drive

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		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>VA 28, Widen, Relocate Utilities</b>											
TIP ID: 5700	Agency ID:	Title: <b>VA 28 - Widen to 4 lanes</b>									
Facility: VA Nokesville Road		AC	80/20/0				30,341 c				30,341
From: VA VA 215 (Vint Hill Road) Relocated		RSTP	80/20/0		100 a		12,821 c				20,916
To: VA Fitzwater Drive					7,995 b						
		STP	80/20/0	275 a							
<b>Total Funds:</b>											<b>51,257</b>

Description: 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

<b>VA 7</b>											
TIP ID: 6299	Agency ID: 52327	Title: <b>RT 7 - Widen to Six Lanes</b>									
Facility: RT 7 Leesburg Pike		AC Conversion	100/0/0				800 a				1,997
From: Rolling Holly Dr. (mm. 50.5)							1,197 b				
To: .15 mi. E of Reston Ave.											
<b>Total Funds:</b>											<b>1,997</b>

Description: Widen RT 7 from 4 lanes divided to six lanes divided, with 10 ft, shared use path in both directions.



TIP ID: 6301	Agency ID: 99478	Title: <b>Route 7 - Widen to Six Lanes</b>									
Facility: RT 7 Leesburg Pike		RSTP	80/20/0						1,200 b		1,200
From: Reston Ave. (mm 51.5)											
To: Reston Parkway (mm 52)											
<b>Total Funds:</b>											<b>1,200</b>

Description: Increase capacity and safety by widening Route 7 to six lanes and correcting existing profile deficiencies. Increase mobility by providing pedestrian and bicycle facilities.

<b>VA 7, Widen, Upgrade</b>											
TIP ID: 4681	Agency ID:	Title: <b>VA 7 Widen to 6 lanes</b>									
Facility: VA		AC	80/20/0	8,482 c							
From: Rolling Holly Drive		BD	0/0/100	703 a	1,831 c						1,831
To: Reston Avenue				2,380 b							
				19,341 c							
		EB/MG	80/20/0	47 a							
<b>Total Funds:</b>											<b>1,831</b>

Description: Widen to six lanes within the cited limits

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			Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>VA Route 28 Study</b>												
TIP ID: 6205	Agency ID: 105482	Title: VA Route 28 Study										
Facility: VA 28		EB/MG	80/20/0				1,143 a					1,143
From: VA 234 Sudley Road		STP	80/20/0				1,359 a					1,359
To: I 66												
											<b>Total Funds:</b>	<b>2,502</b>

Description: 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.

<b>Secondary</b>												
<b>Edwards Ferry Road at Route 15 Bypass Interchange</b>												
TIP ID: 5479	Agency ID: 64659	Title: Edwards Ferry at Rt 15 Bypass Interchange										
Facility: Rt 15 Bypass		AC	100/0/0					1,835 a				1,835
From:		Local	0/0/100			2,000 a	1,500 a					3,500
To: Edwards Ferry Road												
											<b>Total Funds:</b>	<b>5,335</b>

Description: Construct interchange. The area surrounding the intersection between Edwards Ferry Road and RT 15 Bypass has experienced significant commercial growth during the past 15 years. As a result, volumes are beyond the capacity of the existing at-grade intersection, and the area routinely experience significant congestion and traffic delays. This project will develop a new grade-separated interchange, improve traffic flow and provide pedestrian access across RT 15 Bypass. The project is included the Town of Leesburg Capital Improvement Program and 2005 Town Plan. Construction will start in 2018 and be completed in 2020. Financing for this project will come from RSTP and/or local funding.

<b>Expanding Rolling Road/Franconia-Springfield Parkway/Fairfax County Parkway Ramp to two lanes</b>												
TIP ID: 5924	Agency ID: 100391	Title: Rolling Road Loop Road										
Facility: VA		AC Conversion	80/20/0				1,500 a	6,816 c				15,316
From: Fairfax County Parkway							7,000 c					
To: VA Rolling Road		AC	80/20/0			7,000 c						7,000
		RSTP	80/20/0			1,000 a		-30 a				6,213
						3,000 b		213 b				
						2,000 c						
											<b>Total Funds:</b>	<b>28,529</b>

Description: Expand to two lanes existing single-lane loop ramp in north-east quadrant of Rolling Road/Franconia-Springfield Pkwy/Fairfax County Pkwy.

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

			Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Fairfax County Parkway Improvements</b>												
TIP ID: 6337	Agency ID:	Title: RTE 7100 - FAIRFAX COUNTY PRKWY - CONSTR INTRCHNG-PE/RW ONLY										
Facility:	AC	100/0/0				2,980	a					2,980
From:												
To:	RSTP	80/20/0				1,586	b					1,586
											<b>Total Funds:</b>	<b>4,566</b>

Description: 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 bridghes, Ramps, Signals, Lights and trails.

TIP ID: 6339	Agency ID: 95549	Title: ARRA-C Route 286 (Formerly 7100 )Fairfax Cty Pkwy at Fair Lakes Interchange										
Facility:	VA 286 Fairfax County Parkway	RSTP	80/20/0			-13,183	c					
From:	0.64 MI. South of EBL I-66											
To:	0.16 MI. North of Route 750 (Rugby Road) (3											
Description: Child project of UPC 93528 to capture NON-ARRA funding												

**Fairfax Cty Parkway- Boudinot Drive on-ramp - CN only**

TIP ID: 6295	Agency ID: 88557	Title: Fairfax Co Pkwy Interchange at EPG										
Facility:	VA 286 Fairfax Co Pkwy	RSTP	80/20/0			2,268	c					2,268
From:	VA Boundinot Drive											
To:												
											<b>Total Funds:</b>	<b>2,268</b>

Description: Construct Interchange at Engineering Proving Grounds (EPG) at Fairfax County Parkway

**Jones Branch Dr. Connector**

TIP ID: 6080	Agency ID:	Title: Jones Branch Drive Connector										
Facility:	Scotts Crossing Rd	AC	80/20/0			387	a					387
From:	Dolly Madison Blvd											
To:	Jones Branch Dr	AC Conversion	80/20/0			387	a					387
		AC	100/0/0			7,043	b	34,700	c			41,743
		RSTP	80/20/0			2,013	a					2,013
											<b>Total Funds:</b>	<b>44,530</b>

Description: The proposed connector is intended to provide a connection between Route 123 and the I-495 Express Lane (HOV/HOT lanes) ramps. By building this connection, the project will connect ROute 123 via the extended Scotts Crossing Rd, ultimately to Jones Branch Dr since the segment between i-495 Express lane (HOV/HOT lanes) ramps and Jones Branch Dr is currently being built as part of the I-495 Express lane (HOV/HOT lanes) project.

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FY 2013 - 2018

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

TIP ID: **6201** Agency ID: **105064** Title: **Route 606 Loudoun County Parkway/Old Ox Road Reconstruction**

Facility: VA 606 Loudoun County Parkway	AC	100/0/0			8,000 b					24,450
From: VA 267 Dulles Greenway 1.76 miles west of					16,450 c					
To: VA 267 Dulles Greenway Intersection										
<b>Total Funds:</b>										<b>24,450</b>

Description: 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.

**TIP ID: 6202 Agency ID: 97529 Title: Route 606 Loudoun County Parkway / Old Ox Rd. Reconstruction**

Facility: VA 606 Loudoun County Parkway	AC	100/0/0			150 a					78,407
From: VA 621 Evergreen Mills Road					13,000 b					
To: VA 267 Dulles Greenway					65,257 c					
	BR	100/0/0			750 a					750
<b>Total Funds:</b>										<b>79,157</b>

Description: 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.

**Minnieville Road Construct 4-Lane Divided Roadway**

TIP ID: **5392** Agency ID: **PWC0012 VSP5e** Title: **Minnieville Road Construct 4-Lane Divided Roadway**

Facility: VA Minnieville Road	BD	0/0/100		3,275 b	13,552 c					16,827
From: VA Spriggs Road										
To: VA Dumfries Road										
<b>Total Funds:</b>										<b>16,827</b>

Description: Minnieville Road Construct 4-Lane Divided Roadway within cited limits.

**Prince William Parkway Widening**

TIP ID: **6123** Agency ID: Title: **Prince William Widening**

Facility: Prince William Parkway	AC	80/20/0		2,500 b						
From: Chinn Park Drive				1,938 c						
To: Minnieville Road										
	AC Conversion	80/20/0	1,340 a	1,007 a	333 a	1,562 b				5,771
					931 b	1,938 c				
	REVSH	0/50/50	8,510 c	1,830 c						1,830
<b>Total Funds:</b>										<b>7,601</b>

Description: Widen Prince William Parkway from four to six lanes

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<b>Prince William Parkway (294)</b>											
TIP ID: 5889		Agency ID:		Title: Prince William Parkway Widening							
Facility:		BD	0/0/100		680 b	18,705 c					19,385
From: Old Bridge Road											
To: Minnieville Road		HSIP	90/10/0	281 b							
				421 c							
										<b>Total Funds:</b>	<b>19,385</b>

Description:

<b>Prince William Parkway Construct 6-Lane Divided Roadway</b>											
TIP ID: 5391		Agency ID: PWC0008		Title: Prince William Parkway Construct 6-Lane Divided Roadway							
Facility: VA Prince William Parkway		BD	0/0/100		2,000 b						2,000
From: VA Old Bridge Road											
To: VA Minnieville Road		REVSH	0/50/50		13,510 c						13,510
										<b>Total Funds:</b>	<b>15,510</b>

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

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Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Purcell Road: Realignment &amp; Added capacity, Safety Improvement</b>									
TIP ID: 5890 Agency ID: 90499 Title: Purcell Rd Realignment & added capacity									
Facility:	AC	100/0/0	761 c						
From: VA 234 Rte 234	AC Conversion	80/20/0			935 b				935
To: 0.3 Mi East of Vista Brooke Drive	AC	90/10/0			59 c				59
	EB/MG	80/20/0	20 c		21 c				21
	HSIP	90/10/0	617 c						
	HSIP	100/0/0			1,251 c				1,251
	Local	0/0/100		735 c					735
	RSTP	80/20/0	123 a 935 b 1,162 c		942 c				942
	STP	80/20/0	702 c						
	STP/E	80/20/0			703 c				703
<b>Total Funds:</b>									<b>4,646</b>

Description:

**Reconstruct and widen Rte. 659 - Belmont Ridge Road**

TIP ID: 6251 Agency ID: Title: RTE. 659 - Reconstruct to 4 Lanes									
Facility: RT 659 Belmont Ridge Rd.	AC Conversion	100/0/0			2,000 a				39,732
From: Croson Rd.					8,310 b				
To: US 7 Harry Byrd Highway					29,422 c				
<b>Total Funds:</b>									<b>39,732</b>

Description: Widen Belmont Ridge Road to 4 Lanes



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

TIP ID: **6248** Agency ID: **102905** Title: **Rolling Road Widening**

Facility: VA 638 Rolling Road RSTP 80/20/0 3,500 a 3,500

From: VA 5297 Delong Dr.

To: VA 4502 Fullerton Rd.

**Total Funds: 3,500**

Description: Widen to 4 lanes - total of 1.12 miles  
Between Delong Rd. and 0.01 mi N. of Fullerton Rd.

**Rollins Ford Road Widening**

TIP ID: **5366** Agency ID: **90226 T6494** Title: **Rollins Ford Road**

Facility: Rollins Ford Road BD 0/0/100 10,762 c 10,762

From: VA Vint Hill Road

To: Songsparrow/Yellow Hammer Drive

**Total Funds: 10,762**

Description: Project would extend the existing 4-lane facility from Vint Hill Road to Songsparrow/Yellow Hammer Drive with a 16 foot raised median and bike trail accommodations.

**Rte 659 - Belmont Ridge Road Reconstruction to four lanes**

TIP ID: **6335** Agency ID: Title: **VA 659 Reconstruct to 4 Lanes**

Facility: VA 659 Belmont Ridge Rd AC 100/0/0 2,000 a 39,732

From: Va Hay Rd 8,310 b

To: VA Gloucester Pkwy 29,422 c

**Total Funds: 39,732**

Description: Reconstruct VA 659 (Belomnt Ridge Rd) to 4 lanes Urban Collector

**Russell Road, Widen**

TIP ID: **6274** Agency ID: **96257** Title: **Quantico BRAC - Review & Monitor Transportation Improvements**

Facility: Russlle Road NHS 80/20/0 1,765 a 1,765

From: I 95 Ramp

To:

**Total Funds: 1,765**

Description: Widening Russell Road from I-95 ramp to the GATE

**Telegraph Road**

TIP ID: **6336** Agency ID: **104802** Title: **TELEGRAPH RD - RTE 611- WIDEN TO 4 LANES (PE Only)**

Facility: Telegraph Rd. State 0/100/0 928 a 1,992 a 2,920

From: Prince William Parkway

To: Minnieville Rd.

**Total Funds: 2,920**

Description: WIDEN TELEGRAPH RD TO 4 LANE DIVIDED SECTION WITH BIKE/PED FACILITIES. Associatated with CLRP project numbers 1931 and 1837.

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<b>VA 1036 Pacific Boulevard, Construct</b>									
TIP ID: <b>6319</b> Agency ID: <b>93889</b> Title: <b>Pacific Blvd Widening</b>									
Facility: VA 1036 Pacific Blvd	ARRA	100/0/0			254 a				262
From: VA 846 Sterling Blvd					8 b				
To: VA 775 Relocation Dr.					-290 c				
<b>Total Funds:</b>									<b>262</b>

Description: To help complete the construction of the Pacific Boulevard as an uninterrupted four lane median divided facility. It is the western collector road for the Route 28 corridor in Loudoun County.  
Widen to 4 lanes

<b>VA 3000 Prince William Parkway Improvements</b>									
TIP ID: <b>6357</b> Agency ID: <b>102532</b> Title: <b>Prince William Pkwy Widening to 6 lanes</b>									
Facility: VA 3000 Prince William Pkwy	Urban Flex	80/20/0			-77 c				
From: VA Hoadly Rd									
To: VA Old Bridge Rd									
Description: Widen Prince William Pkwy									

<b>VA 638 Rolling Road Widening</b>									
TIP ID: <b>6247</b> Agency ID: <b>5559</b> Title: <b>Rolling Road</b>									
Facility: VA 638 Rolling Road	CMAQ	80/20/0			487 a				487
From: VA 286 Fairfax Co. Pkwy (0.369 mi N. of Pk									
To: VA 644 Old Keene Mill Road	RSTP	80/20/0			443 a				443
<b>Total Funds:</b>									<b>930</b>

Description: Widening to 4 lanes - PE Only

<b>VA 643 Sycolin Road Paving/Widening</b>									
TIP ID: <b>6346</b> Agency ID: <b>58923</b> Title: <b>Syscolin Road Paving and Widening</b>									
Facility: RT 643 Sycolin Rd.	AC	0/80/20			-306 c				
From: RT 659 0.924 mi. E. of Belmont Ridge Rd.									
To: 659 1.802 mi. W. of Belmont Ridge Rd.	State	0/100/0			-330 b				

Description: Improve the existing roadway from a dirt road to a paved road as well as improve roadside drainage. Contact PM

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<b>VA 7100 Fairfax County Parkway, Construct</b>									
TIP ID: <b>6317</b> Agency ID: <b>88556</b> Title: <b>VA 7100 Fairfax Co Pkwy at EPG Phase I &amp; II Construction</b>									
Facility: VA 286 Fairfax Co. Pkwy	AC	100/0/0			70,263 c				70,263
From: VA Chancelor Road									
To: VA Fulerton Road	NHPP	80/20/0			4,850 c				4,850
<b>Total Funds:</b>									<b>75,113</b>

Description: 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.

**VA 840 University Boulevard Construct and Widen**

TIP ID: <b>4877</b> Agency ID: Title: <b>University Blvd.</b>									
Facility: VA University Blvd.	BD	0/0/100		11,150 c					11,150
From: VA Sudley Manor Dr.									
To: VA Prince William Parkway									
<b>Total Funds:</b>									<b>11,150</b>

Description: Construct 4-lane divided road between Sudley Manor and Hornbaker, reconstruct intersection at Prince William Parkway without adding through lanes/capacity

**Waxpool Road**

TIP ID: <b>6340</b> Agency ID: Title: <b>RT. 900 WAXPOOL RD. RECONSTRUCT AND PAVE GRAVEL RD</b>									
Facility: Waxpool Rd.	RSTP	100/0/0				1,600 b			4,792
From: VA 659						3,192 c			
To: 0.35 MILE EAST OF ROUTE 659									
<b>Total Funds:</b>									<b>4,792</b>

Description: RECONSTRUCT AND PAVE GRAVEL RD.

**Urban****Bus Shelters**

TIP ID: <b>6127</b> Agency ID: Title: <b>Alexandria Transit Services Improvements</b>									
Facility:	ARRA/TIGER	100/0/0		30 c					30
From:									
To:	Sect. 5309	80/20/0		50 c	1,400 c	750 c			2,200
<b>Total Funds:</b>									<b>2,230</b>

Description:

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Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Eisenhower Valley Access and Circulation Improvements</b>									
TIP ID: 4712 Agency ID: Title: <b>Eisenhower Avenue Widening</b>									
Facility: Eisenhower Avenue	STP	80/20/0	-543 a	1,000 b					1,000
From: Mill Road			4,000 c						
To: Holland Lane									
<b>Total Funds:</b>									<b>1,000</b>

Description: Widen Eisenhower Avenue, within the cited limits and intended to relieve congestion and improve safety along Eisenhower Avenue, Mill Road, and Holland Lane. The project includes improvements to the Eisenhower Ave./Mill Road intersection, Eisenhower Ave./John Carlyle Street intersection, sidewalk improvements along the north side of Eisenhower Avenue, and at the Eisenhower Avenue/Holland Lane intersection.

Improvements at the Mill Rd. intersection includes widening in the southwest quadrant along Mill Road, addition of a second left turn lane from Eisenhower Avenue to Mill Road, improvements to all crosswalks in the intersection, and milling/overlaying work.

Improvements at the Eisenhower Ave. & John Carlyle St. intersection includes a left turn lane at John Carlyle Street.

The improvements at the Eisenhower Avenue/Holland Lane intersection include replacing the roundabout with a signalized intersection. After the reconfiguration the intersection will have two thru lanes westbound, a variable width grassed median generally 9.5 feet in width, two thru lanes eastbound, and a right turn lane onto Holland Lane. The sidewalk along the north and south sides of Eisenhower Avenue will be improved.

Other miscellaneous improvements will be made along the corridor which includes improving curb cut ramps and the addition of a mid-block crosswalk in front of the Patent and Trademark Office.

<b>Evergreen Mill Road Widening</b>									
TIP ID: 6256 Agency ID: 104380 Title: <b>Evergreen Mill Road Widening</b>									
Facility: VA 621 Evergreen Mill Road	State/Local	0/98/2				351 a		649 a	1,000
From: US S. King Street									
To: City Corp. Limits									
<b>Total Funds:</b>									<b>1,000</b>

Description: Widening Evergreen Mill Road to 4 Lanes

<b>Route 15 Widening Phase II</b>									
TIP ID: 6258 Agency ID: 103999 Title: <b>Widen US 15 Phase II</b>									
Facility: US 15 S. King Street	RSTP	80/20/0			8,000 c				8,000
From: Masons Lane									
To: VA 267 Greenway									
<b>Total Funds:</b>									<b>8,000</b>

Description: Widening US 15 Phase II

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			Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Streetscape Improvements, City of Alexandria</b>												
TIP ID: 6219	Agency ID: 87414		Title: Streetscape Improvements in the City of Alexandria- Resurfacing									
Facility: S. Washington St.	AC	100/0/0						434 c				434
From:												
To:	DEMO	100/0/0						122 c				122
											<b>Total Funds:</b>	<b>556</b>

Description: Resurfacing associated with streetscape project on S. Washington St. in accordance with Settlement Agreement for the Woodrow Wilson Bridge Project.

<b>Sycolin Road</b>												
TIP ID: 6203	Agency ID: 102895		Title: Sycolin Road									
Facility: Sycolin Road	AC	100/0/0						1,000 a				1,000
From: Tolbert lane												
To: Leesburg S Corporate Limits	AC	80/20/0									1,000 c	1,000
	RSTP	70/30/0									1,435 c	1,435
	State/Local	0/50/50					1,000 a					1,000
											<b>Total Funds:</b>	<b>4,435</b>

Description: 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).

TIP ID: 6204	Agency ID: 90339		Title: Widen US Route 1									
Facility: US 1	AC	100/0/0					1,110 a					1,110
From: Brady's Hill Road 0.1 miles south of												
To: Dumfries Road 02. miles north of	EB/MG	80/20/0					182 a					182
	NHPP	100/0/0					125 a					125
	STP	80/20/0				183 a						183
											<b>Total Funds:</b>	<b>1,600</b>

Description: 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)

<b>Wellington Rd. Overpass Phase III</b>												
TIP ID: 6332	Agency ID: 104374		Title: Wellington rd. Overpass Phase II									
Facility: Wellington Rd.	AC	100/0/0								1,000 a		1,000
From: Dean Drive												
To: Dean Park Dr.												
											<b>Total Funds:</b>	<b>1,000</b>

Description: Improve emergency response times, increase capacity and safety and facilitate pedestrian and bicycle access.  
See also CLRP# 1951.



Urban VDOT

- Bicycle/Pedestrian Accommodations Included a - PE b - ROW Acquisition c - Construction d - Study e - Other V - 31

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

**HOT Lanes Bicycle/Pedestrians Facilities Phase II**

TIP ID: 6273	Agency ID: 104005	Title: HOT Lanes Bicycle/Pedestrian Facilities - Phase II							
Facility:	AC	80/20/0			1,800	c			1,800
From: VA 123 Leesburg Pike	CMAQ	80/20/0			200	a			3,814
To: VA Idylwood					1,600	b			
					2,014	c			
<b>Total Funds:</b>									<b>5,614</b>

Description: HOT Lanes Bicycle/Pedestrian Facilities

**Local Trail Managment Pilot**

TIP ID: 6345	Agency ID:	Title: Local Trail Managment Pilot							
Facility: Middleburg Meander Trail	State	0/100/0			100	a			100
From: Intersection of Rt. 626 and Rt. 807									
To: Middleburg Elementary School									
<b>Total Funds:</b>									<b>100</b>

Description: Local Trail Managment Pilot using 2010 Open Container funds

**Sidewalk Impromventets Manassas**

TIP ID: 6341	Agency ID: 102791	Title: Sidewalk Improvements , Peabody St. / Mosby St. Intersection							
Facility: Peabody St.	AC	100/0/0			206	c			206
From: Mosby Street									
To: 0.4 Mi N of Mosby Street									
<b>Total Funds:</b>									<b>206</b>

Description: Curb and gutter and sidewalk

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<b>Bridge</b>									
<b>Construction: Bridge Rehabilitation/Replacement/Reconstruction</b>									

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		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
TIP ID: 5503 Agency ID: TIPGRP001		Title: Construction: Bridge Rehabilitation/Replacement/Reconstruction									
Facility: District-wide Bridges	AC	90/10/0				10,714 c					10,714
From:	AC'	70/30/0					882 a				882
To:	AC Conversion	80/20/0			464 b	1,251 b	409 b				13,070
							10,946 c				
	AC Conversion	100/0/0						1,121 a			1,121
	AC,	100/0/0					400 a				400
	AC	80/20/0					366 b				366
	AC	85/15/0					9,604 c	7,457 c	9,714 c	29,818 c	56,593
	BR	80/20/0			296 a	4,241 c		206 c			9,519
					4,776 c						
	BR	100/0/0								200 a	200
	BR,	95/5/0					-1,718 b				
	BR.	90/10/0					-357 a	506 c	1,752 c	837 c	6,655
							3,560 c				
	DEMO	100/0/0					22,100 a				22,100
	EB/MG	80/20/0			243 b	552 c	100 b				1,673
							778 c				
	HES/STP	80/20/0			1,105 b						1,105
	NHPP	100/0/0					428 a				428
	NHPP	80/20/0					3,617 c				3,617
	NHS	80/20/0			2,628 b		-2,255 a				2,628
	RSTP	80/20/0					-250 b				1,055
							1,055 c				
	STP	80/20/0				229 c					229
	STP/E	80/20/0					57 a				57

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Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Total Funds:</b>									<b>132,412</b>

Description: TIP Grouping project for Construction: Bridge Rehabilitation/Replacement/Reconstruction. See CLRP for the derivation of STIP Grouping and how they are part of the TIP. Individual projects within STIP Group are shown on Appendix A.

**TIP Grouping for Preventive Maintenance for Bridges**

TIP ID: 5525	Agency ID: TIPGRP006	Title: TIP Grouping for Preventive Maintenance for Bridges							
Facility: Bridges	BR	80/20/0	51,462 c	52,580 c	67,177 c	65,943 c			185,700
From: NoVA District									
To:	STP/E	100/0/0			7,380 c	3,167 c	2,905 c	3,047 c	16,499
<b>Total Funds:</b>									<b>202,199</b>

Description: TIP Grouping for Preventive Maintenance for Bridges. See CLRP for the derivation of STIP Grouping and how they are part of TIP. See Appendix A for listing of individual STIP Grouped projects.

**Enhancement**

**Colechester Road**

TIP ID: 6316	Agency ID: 76256	Title: Colchester Road - RTE 612							
Facility: VA 612 Colchster Road	AC	100/0/0						60 a	60
From: VA 641 Chapel Road									
To: VA 641 0.24 Mile N. W. Of VA 641									
<b>Total Funds:</b>									<b>60</b>

Description: Reconstruct & Pave Gravel Road

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Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>TIP Grouping project for Construction: Transportation Enhancement Byway Non-Traditional</b>									

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		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
TIP ID: 5523		Agency ID: TIPGRP004		Title: TIP Grouping project for Construction: Transportation Enhancement Byway Non-Traditional							
Facility:	Transportation Enhancement Byway Non-Tr	AC	80/20/0				-4,614 a				1,522
From:	NoVA District						1,522 b				
To:											
	AC Conversion	AC Conversion	80/20/0				1,199 a				1,199
	AC Conversion	AC Conversion	85/15/0				94 c	75 c	76 c		245
	AC	AC	85/15/0						477 c		477
	BD		0/0/100		3,687 c	1,432 c					5,119
	CMAQ		80/20/0		1,575 c		947 a				3,832
							1,310 b				
	CMAQ		85/15/0				7,622 c		534 c		8,156
	DEMO		80/20/0				140 a				670
							450 b				
							80 c				
	DEMO		80/20/0				-36 a				228
							228 b				
	DEMO		90/10/0				827 c				827
	HSIP		90/10/0				-48 a				139
							139 c				
	NHPP		100/0/0				612 c				612
	RSTP		80/20/0		150 c		119 b				269
	RSTP		85/15/0				121 a	20 a	960 a		3,940
							2,605 c	90 c	144 c		
	STP		80/20/0				3,221 b				11,046
							7,825 c				
	STP/E		80/20/0				-6,679 a				
<b>Total Funds:</b>											<b>66,386</b>

Description: TIP Grouping project for Construction: Transportation Enhancement Byway Non-Traditional. See CLRP for the derivation of STIP Grouping and how they are part of the TIP. See Appendix A to see individual projects within this STIP Group.

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	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**ITS**  
**Non-Grouped ITS and TE Equipment**

**TIP ID: 6343      Agency ID: 102788      Title: PURCHASE & INSTALLATION OF EMERGENCY BATTERY BACK-UP**

Facility:	REVSH	50/50/0								75
From:										
To:									<b>Total Funds:</b>	<b>75</b>

Description: Maintain signal system during power outages by purchasing and installing emergency battery back-up generators

**TIP ID: 6344      Agency ID: 102789      Title: PURCHASE AND INSTALLATION OF WIRELESS SIGNAL DETECTORS**

Facility: Citywide, Fairfax VA	REVSH	50/50/0								100
From:										
To:									<b>Total Funds:</b>	<b>100</b>

Description: Purchase and install wireless signal detectors

**TIP Grouping project for Maintenance: Traffic and Safety Operations**

**TIP ID: 5526      Agency ID: TIPGRP007      Title: TIP Grouping project for Maintenance: Traffic and Safety Operations**

Facility: Traffic and Safety Operations	EB/MG	80/20/0	7,945 c	8,144 c	8,348 c	8,556 c				25,048
From: NoVA District										
To:	NHS	80/20/0	12,856 c	13,178 c	13,507 c	13,845 c				40,530
	STP	80/20/0	5,184 c	5,314 c	5,446 c	5,583 c				16,343
	STP.	100/0/0				8,473 c	4,207 c	3,860 c		16,540
									<b>Total Funds:</b>	<b>98,461</b>

Description: TIP Grouping project for Maintenance: Traffic and Safety Operations. See CLRP for the derivation of STIP Grouping and how they are part of TIP. Individual projects within the STIP Group are found in Appendix A.

**Other**  
**BRAC/Economic Development**

**TIP ID: 5768      Agency ID: 81738      linked with Title: BRAC -Economic Development**

Facility:	AC Conversion	90/10/0	645 a	454 a	400 a					854
From:										
To:	AC Conversion	100/0/0				1,522 a				1,522
									<b>Total Funds:</b>	<b>2,376</b>

Description: Program is to finance BRAC State Administration.

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		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Evaluation of Significant Projects that can ease Congestion</b>											
TIP ID: 6074	Agency ID: 103910	Title: <b>Evaluation of Significant Projects that can ease Congestion</b>									
Facility: N/A		AC	90/10/0		1,500	a					1,500
From:											
To:		IM	90/10/0		1,500	a					1,500
<b>Total Funds:</b>											<b>3,000</b>

Description: 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.

### I-95/395 HOT Lanes - Arlington Lawsuit Support

TIP ID: 6271	Agency ID: 95382	Title: <b>I-95/395 HOT Lanes - Arlington Lawsuit Support</b>									
Facility: I 395		NHS	80/20/0				-3,456	a			
From:											
To:											

Description: GEC Staff support to VDOT and the OAG office in the development of the Administrative Record for the pending I-95/395 HOT Lanes Arlington lawsuit. Linked with UPC 70849

### Potomac Town Center Parking Garage

TIP ID: 6277	Agency ID: 103392	Title: <b>Garage Park &amp; Ride Lot - Potomac Town Center</b>									
Facility: I 95 @Opitz		AC	100/0/0				1,000	a			1,000
From:											
To:											
<b>Total Funds:</b>											<b>1,000</b>

Description: Garage Park & Ride Lot - Potomac Town Center

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Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>TIP Grouping project for Construction: Safety/ITS/Operational Improvements</b>									

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		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>TIP ID: 5506</b>		<b>Agency ID: TIPGRP003</b>		<b>Title: TIP Grouping project for Construction: Safety/ITS/Operational Improvements</b>							
Facility: Safety/ITS/Operational Projects	AC	80/20/0			1,227 c		74,148 c	56 c			75,431
From: Districtwide	AC	90/10/0					6,503 a	15 a	185 a		6,703
To:	AC Conversion	80/20/0			2,498 c	2,346 c	2,346 c				7,190
	AC Conversion	85/15/0					1,344 c	1,583 c	1,167 c	711 c	4,805
	AC	85/15/0					3,758 b		980 b		4,738
	CMAQ	80/20/0			968 c	169 c	7,192 b				8,329
	CMAQ	85/15/0					23,756 c	394 c	856 c		25,006
	DEMO	80/20/0					-230 a				4,270
							3,330 b				
							-1,442 c				
	DEMO	90/10/0					-230 a				4,270
							3,330 b				
							-1,442 c				
	DEMO	83/17/0					2,185 a				2,185
	DEMO	100/0/0				4,374 b	135 c				4,509
	DEMO	95/5/0				4,374 b	135 c				4,509
	EB/MG	80/20/0			5,347 c		84 a				10,028
							-303 b				
							4,597 c				
	EB/MG	85/15/0					2,070 b		121 b		3,007
							816 c				
	FLTP	100/0/0					496 a				2,415
							1,919 c				
	HES/STP	90/10/0					606 b				2,547
							1,941 c				
	HPD	80/20/0					1,917 c				1,917

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Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
HSIP	90/10/0		2,652 c	767 c	2,304 a 65 c				5,788
HSIP	98/2/0				35,992 c				35,992
IM	90/10/0				1,317 a -1,354 c				1,317
NHPP	100/0/0				1,224 b 195 c				1,425
NHPP	95/5/0				1,424 a				1,424
NHPP	96/4/0				-6,836 a				
RSTP	80/20/0		1,468 c		3,004 a 8,592 c				13,064
RSTP	85/15/0				3,276 b 9,935 c	5,677 b 672 c	1,996 b 672 c	672 c	22,900
State	0/100/0			382 c					382
STP	80/20/0		4,839 c	3,543 c	2,695 c				11,077
STP	100/0/0				101 a 44 b 1,276 c				1,421
STP	90/10/0				-22 a 8,515 c				8,515
STP/E	85/15/0				1,510 b		40 b		1,550
STP/E	92/8/0				-512 a				

**Total Funds: 279,348**

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

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Source		Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Virginia Statewide Vehicle Fuel Conversion Program</b>										
TIP ID: 6041	Agency ID: T11802	Title: Virginia Statewide Vehicle Fuel Conversion Program								
Facility:	AC	80/20/0		22,948 c						22,948
From:	AC Conversion	80/20/0			1,232 c	1,226 c				2,458
To:	CMAQ	80/20/0		2,790 c						2,790
<b>Total Funds:</b>										<b>28,196</b>

Description: The project is for implementing the Statewide Vehicle Fuel Conversion Program.

<b>CMAQ</b>										
<b>Fairfax County Parkway Extension</b>										
TIP ID: 6297	Agency ID: 4700	Title: Fairfax County Parkway Extension								
Facility: VA 286 Fairfax Co Pkwy	AC	100/0/0				20,400 a				35,338
From: VA Fullertron Rd						14,938 b				
To: VA 638 Rolling Road	EB/MG	80/20/0				5,448 b				5,448
	NHS	80/20/0				8,104 b				8,104
	STP/E	80/20/0				714 b				714
<b>Total Funds:</b>										<b>49,604</b>

Description: UPC 4700 will include PE & RW only. CN will be covered under other UPC's for Phase 1-4.

<b>Telegraph Road - RTE 611 - Widen to 4 Lanes</b>										
TIP ID: 6252	Agency ID: 11012	Title: TEKEGRAPH ROAD WIDENING								
Facility: VA 611 Telegraph Road	AC	100/0/0				14,000 c				14,000
From: VA 613 Beulah St	EB/MG	80/20/0				537 c				537
To: VA Leaf Road	RSTP	80/20/0				4,574 c				4,574
	STP/E	80/20/0				3,308 c				3,308
<b>Total Funds:</b>										<b>22,419</b>

Description: Telegraph Road to widen to 4 lanes between Beulah St. & Leaf Road

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Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Federal Lands Highway Program</b>									
<b>I-95 NB HOV - Direct Access Ramps into Fort Belvoir EPG</b>									
TIP ID: 6222    Agency ID: 96256    Title: I 95 DAR Ramps into Ft. Belvoir									
Facility: I 95		DEMO				486 a			486
From: Heller Rd.						-491 b			
To: I-95 HOV Lanes (approx. 3500 ft N. of FFXC									
<b>Total Funds:</b>									<b>486</b>

Description: Add direct access ramps from I-95 into Ft. Belvoir

<b>Maintenance</b>									
<b>Replace bridge over NS Railway</b>									
TIP ID: 5888    Agency ID:    Title: Replace Bridge over Norfolk Southern Railway									
Facility: Aden Road		BR	80/20/0	165 b		757 c			757
From:									
To:		BR	90/10/0		165 b				165
		STP	80/20/0			1,320 c			1,320
<b>Total Funds:</b>									<b>2,242</b>

Description:

<b>TIP Grouping project for Preventive Maintenance and System Preservation</b>									
TIP ID: 5524    Agency ID: TIPGRP005    Title: TIP Grouping project for Preventive Maintenance and System Preservation									
Facility: Preventive Maintenance and System Preserv		EB/MG	100/0/0	71,348 c	36,500 c		36,170 c		72,670
From: NoVA District									
To:		IM	100/0/0	49,679 c	30,595 c		43,017 c		73,612
		NHS	100/0/0	62,324 c	43,171 c		55,735 c		98,906
		STP	100/0/0	33,677 c	33,677 c		50,221 c	18,555 c	14,885 c
<b>Total Funds:</b>									<b>362,526</b>

Description: This listing covers a number of projects/programs throughout Northern Virginia District. The nature/scope of these projects are Preventive Maintenance and System Preservation. These projects have been determined to be exempt from conformity requirements and are eligible for a Categorical Exclusion (CE) under NEPA and hence may be grouped as per April 9, 2008 MOA between FHWA, FTA, VDOT & VDRPT which was subsequently adopted by the NCR-TPB. Individual projects within the STIP Group are found in Appendix A.

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FY 2013 - 2018

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**Transit****Columbia Pike Street Cars**

TIP ID: **5409** Agency ID: **ARL0016** Title: **Reconstruct Columbia Pike for Streetcar**

Facility: Columbia Pike Corridor	Local	0/0/100	4,000 a	6,000 a					10,000
From: Skyline Center									
To: Pentagon City									
<b>Total Funds:</b>									<b>10,000</b>

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

**Construction of Park & Ride LOT I-95/PW County Parkway Telegraph Road Lot**

TIP ID: **5928** Agency ID: Title: **Telegraph Road Park and Ride LOT**

Facility: Telegraph Road	AC Conversion	80/20/0	500 c	3,254 c					3,754
From:									
To:									
<b>Total Funds:</b>									<b>3,754</b>

Description: Build 400-500 space Park and Ride LOT on Telegraph Road adjacent to I-95 Horner Road Park Road LOT.

**Crystal City- Potomac Yards Transitway**

TIP ID: **5900** Agency ID: **ARL0008/T1117** Title: **Crystal City-Potomac Yards Transitway**

Facility:	RSTP	80/20/0			1,205 c				1,205
From: From Arlington County line									
To: 26th at South	STP	80/11/9	1,205 c	1,500 c					1,500
<b>Total Funds:</b>									<b>2,705</b>

Description:

**CSX RF & P Rail Corridor Third Track**

TIP ID: **5931** Agency ID: **VRE0017** Title: **Sept 2011 TIP Adjustment**

Facility:	Sect. 5307	80/14/6	4,000 c						4,000
From: CFP 55.7 Hamilton Interlocking (HA)	State/Local	0/70/30	4,003 c						4,003
To: CFP 53 VRE Crossroad Yard (XR)	STP	70/0/30	212 c						212
<b>Total Funds:</b>									<b>8,215</b>

Description: This project will construct 2.5 miles of third mainline track and associated infrastructure on the CSX RF & P rail corridor.

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<b>Dulles Corridor Metrorail Extension Phase II</b>									
TIP ID: 5901 Agency ID: 97226 - See DUL00 Title: Dulles Corridor Metrorail Extension Phase II									
Facility: VA Dulles Toll Road	State	0/100/0	150,000 c						150,000
From:									
To:									
Description:									
									<b>Total Funds: 150,000</b>

<b>Dulles Corridor Metrorail Project</b>									
TIP ID: 4364 Agency ID: DUL0001 VP2L Title: Dulles Corridor Metrorail Project - Phase 1									
Facility:	ARRA/5309-B	100/0/0	77,260 c						
From: East Falls Church Metrorail Station	ARRA/5309-NS	100/0/0	611,114 c	96,000 c	24,895 c				120,895
To: Wiehle Avenue	Local	0/0/100	##### c	143,030 c	150,000 c				293,030
	Sect. 5307	100/0/0	75,000 c						
	Sect. 5309-NS	100/0/0		90,731 c					90,731
	State	0/100/0	176,700 c						
									<b>Total Funds: 504,656</b>

Description: Perform engineering, design, and construction of the Dulles Corridor Metrorail Project (Phase 1), which will extend the Metrorail system in Fairfax County, through Tysons Corner to Wiehle Avenue. Funding sources may include Section 5309 funds, as well as Section 5307 to be obligated through a transfer of STP from FHWA to FTA. Includes right of way acquisition, construction of 5 new stations in Fairfax County, utility relocation, and improvements to Route 7, purchase of rail vehicles, and financing costs. Includes funding for roadway reconfiguration and improvements being conducted concurrently with the Metrorail project. Toll funding includes debt service for bonds.

TIP ID: 4272 Agency ID: DUL0002 Title: Dulles Corridor Metrorail Project - Phase 2										
Facility:	Local	0/0/100	132,279 c	347,840 c	479,734 c	595,681 c	595,681 c	579,734 c	38,751 c	2,637,421
From: Wiehle Avenue	State	0/100/0			100,000 c	100,000 c	100,000 c			300,000
To: VA										
										<b>Total Funds: 2,937,421</b>

Description: Continue the extension of the Metrorail system for another 11.5 miles to Route 772 in Loudoun County with additional stations at Reston Parkway, Monroe Street (Herndon), VA 28, Dulles Airport and VA 606. Direct access will be provided to Dulles Airport terminal.

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		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Eisenhower Metrorail Station</b>											
TIP ID: 6028		Agency ID: T1835/ALEX0004		Title: Eisenhower Metrorail Station							
Facility: Eisenhower Metrorail Station		PRIV	0/0/0			350 c					350
From: Eisenhower Ave. and Swamp Fox Rd		Sect. 5309	80/20/0		30 c	700 c	1,050 c				1,780
To:		Urban Flex	80/18/2				1,300 c	1,000 c			2,300
										<b>Total Funds:</b>	<b>4,430</b>

Description: This project will fund the rebuilding of the bus loop and plaza surrounding the Eisenhower Metrorail station to improve transit services and to be consistent with surrounding land uses.

<b>Eisenhower Valley Transit Improvements</b>											
TIP ID: 6255		Agency ID: 77378		Title: Eisenhower Avenue Widening							
Facility: Eisenhower Avenue		AC	80/20/0				2,187 c				2,187
From: VA Holland Road		STP/E	80/20/0				1,202 b				1,202
To: VA Mill Road		STP/MG	80/20/0				-545 a				1,900
							99 b				
							1,801 c				
										<b>Total Funds:</b>	<b>5,289</b>

Description: Reconstruction with added capacity

<b>Engineering Proving Grounds/Saratoga Park-and-Ride Facility</b>											
TIP ID: 6292		Agency ID: 82831		Title: Engineering Proving Grounds - Park-and-Ride Lot							
Facility:		CMAQ	80/20/0				3,850 c				3,850
From:											
To:											
										<b>Total Funds:</b>	<b>3,850</b>

Description: Facility ridesharing by constructing a park & ride facility within one loop of the Fairfax County Parkway. EFL Constructed under work order. No expenditures on this project for CN phase.  
Phases

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<b>Franconia-Springfield Parkway Park-and-Ride Lots</b>											
TIP ID: 6281	Agency ID: T1120	Title: <b>Springfield CBD Commuter Parking</b>									
Facility:		AC	90/10/0				24,088 c				24,088
From:											
To:		AC Conversion	80/20/0					9,110 c			9,110
		CMAQ	80/20/0				2,100 c				2,100
<b>Total Funds:</b>											<b>35,298</b>

Description: Springfield CBD Commuter Parking

<b>Loudoun County Park and Ride Lots, Construct</b>											
TIP ID: 4216	Agency ID: 79679	Title: <b>Loudoun County Park-and-Ride Lot (Lowe's Island)</b>									
Facility: Park and Ride Lot		AC	80/20/0	118 c			61 c				61
From: Lowe's Island											
To:		AC Conversion	80/20/0		22 c	23 c	24 c	61 c			130
		CMAQ	80/20/0	27 c			29 c				29
<b>Total Funds:</b>											<b>220</b>

Description: Lease commuter parking spaces at Great Falls Plaza

This lot is served by the County's Commuter Bus Service. This project will enable funding for several years while a permanent, non-leased site is located.

<b>Paratransit Vehicles</b>											
TIP ID: 5906	Agency ID: AGPW001	Title: <b>Paratransit vehicles</b>									
Facility:		Sect. 5310	80/0/20		150 c	149 c	90 c				389
From:											
To:											
<b>Total Funds:</b>											<b>389</b>

Description:

TIP ID: 5905	Agency ID: ECHO001	Title: <b>Paratransit vehicles</b>									
Facility:		Sect. 5310	80/0/20		50 c	52 c	60 c				162
From:											
To:											
<b>Total Funds:</b>											<b>162</b>

Description:

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**Potomac Yard Metro**

TIP ID: <b>5927</b>	Agency ID:	Title: <b>Potomac Yard Metro</b>								
Facility: US Potomac Yards -Alexandria	Urban Flex	80/18/2		1,000 a						1,000
From:										
To:	<b>Total Funds: 1,000</b>									
Description:										

**Potomac Yard Transit Improvements in City of Alexandria**

TIP ID: <b>6036</b>	Agency ID: <b>ALEX0005 /T1837</b>	Title: <b>Potomac Yard Transit Improvements - CN &amp; RW</b>								
Facility:	Sect. 5309	100/0/0		500 c						500
From:										
To:	<b>Total Funds: 500</b>									
Description:										

**PRTC - Bus Acquisition / Replacement Program**

TIP ID: <b>4506</b>	Agency ID: <b>PRTC0005</b>	Title: <b>PRTC - Bus Acquisition / Replacement Program</b>								
Facility: PRTC - Bus Acquisition	Sect. 5309	80/20/0		572 a	2,024 c	2,085 c				4,681
From: NOVA Districtwide										
To:	Sect. 5309	80/10/10					2,148 c	2,148 c	2,148 c	6,444
										<b>Total Funds: 11,125</b>
Description: Enhancement and / or replacement of existing buses within the PRTC fleet.										

**PRTC - Capitial Cost of Contracting**

TIP ID: <b>5601</b>	Agency ID: <b>PRTC0004</b>	Title: <b>PRT - Preventative Maintenance</b>								
Facility:	Sect. 5307	80/20/0		3,581 c	3,775 c	3,906 c	6,458 c	6,705 c	6,767 c	31,192
From:										
To:	<b>Total Funds: 31,192</b>									
Description: Maintenance of the Omniride and Omnmlink services.										

**PRTC - Rehabilitate / Rebuild OmniRide Buses**

TIP ID: <b>5540</b>	Agency ID: <b>PRTC0003</b>	Title: <b>PRTC - Rehabilitate / Rebuild OmniRide Buses</b>								
Facility: OmniRide Buses	Sect. 5309-B	80/20/0		8,549 c						8,549
From: Prince William County										
To:	<b>Total Funds: 8,549</b>									
Description: Overhaul MCI buses in order to lengthen the bus useful life and rebuild several more trains/bus engines.										

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<b>PRTC Bus Shelter Programs</b>									
TIP ID: <b>5304</b> Agency ID: <b>PRTC0001</b> Title: <b>PRTC Bus Shelter Program</b>									
Facility: Bus Shelters	Sect. 5307	80/20/0	39 a	40 a	41 a	42 a	42 a	42 a	246
From: Prince William, Manassas, Manassas Park									
To:									<b>Total Funds: 246</b>

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

<b>PRTC Security Enhancements</b>									
TIP ID: <b>5707</b> Agency ID: <b>PRTC0006</b> Title: <b>PRTC Security Enhancements</b>									
Facility: PRTC Transit Center	Sect. 5307	80/20/0	39 c	40 c	41 c	42 c	42 c	42 c	246
From:									
To:									<b>Total Funds: 246</b>

Description: Ongoing  
Improves safety and security at the PRTC Transit Center. Grantees must certify that at least 1% of Formula funding received each fiscal year is being used for transit security projects. Projects include cameras, additional lighting, drills, communications systems, facility access, System Safety Security Plan, etc.

<b>TIP Grouping for Transit Vehicles</b>									
TIP ID: <b>6331</b> Agency ID: Title: <b>Transit : Vehicles</b>									
Facility:	AC	80/20/0	28,926 c				28,926		
From:									
To:	AC Conversion	85/15/0	8,533 c				1,317 c	8,414 c	18,264
	CMAQ	80/20/0	1,315 c				1,315		
	RSTP	80/20/0	210 c				210		
									<b>Total Funds: 48,715</b>

Description:

<b>TIP Grouping project for Construction: Rail</b>									
TIP ID: <b>6306</b> Agency ID: Title: <b>Rail Construction</b>									
Facility:	AC	90/10/0	5 c				5		
From:									
To:									<b>Total Funds: 5</b>

Description: Grouped Rail Construction Projects

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<b>TIP Grouping project for Transit Access</b>									
TIP ID: 6333	Agency ID:	Title: <b>Transit : Access</b>							
Facility:	AC	85/15/0			14,255 c				14,255
From:									
To:	AC Conversion	80/20/0						5,249 c	5,249
									<b>Total Funds: 19,504</b>

Description:

<b>TIP Grouping project for Transit Amenities</b>									
TIP ID: 6328	Agency ID:	Title: <b>Aminities</b>							
Facility:	AC	80/20/0			4,700 c				4,700
From:									
To:	AC Conversion	90/10/0				2,222 c	958 c	524 c	3,704
	CMAQ	85/15/0			2,374 c				2,374
									<b>Total Funds: 10,778</b>

Description:

<b>Transit: Engineering</b>									
TIP ID: 6329	Agency ID:	Title: <b>Transit Engineering</b>							
Facility:	RSTP	80/20/0			500 a				500
From:									
To:									
									<b>Total Funds: 500</b>

Description:

<b>Transit: Ridesharing</b>									
TIP ID: 6330	Agency ID:	Title: <b>Transit Ridesharing</b>							
Facility:	AC	80/20/0			20,554 a				20,554
From:									
To:	AC Conversion	85/15/0				4,739 a	4,850 a	4,917 a	14,506
	CMAQ	80/20/0			5,143 a				5,143
									<b>Total Funds: 40,203</b>

Description:

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	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**Van Dorn Beauregard BRT**

TIP ID: <b>6126</b>	Agency ID: <b>ALEX0009</b>	Title: <b>Van Dorn Beauregard BRT</b>									
Facility:	Sect. 5339	80/0/20		1,000 c						1,000	
From:										<b>Total Funds:</b>	<b>1,000</b>
To:											
Description:											

**VRE - Administration / Studies / Training**

TIP ID: <b>4802</b>	Agency ID: <b>VRE0002</b>	Title: <b>Fare Collection System/Comm. Improvements</b>									
Facility:	Sect. 5309	80/20/0				1,800 c				1,800	
From: Systemwide										<b>Total Funds:</b>	<b>1,800</b>
To:											
Description: Ongoing maintenance of the fare collection equipment and the next generation of fare equipment. Fare Collection III											

TIP ID: <b>4277</b>	Agency ID: <b>VRE0003</b>	Title: <b>Security Enhancements Systemwide</b>									
Facility:	Sect. 5307	80/20/0	100 c	100 c	100 c	100 c	100 c	100 c	100 c	600	
From: Systemwide										<b>Total Funds:</b>	<b>600</b>
To:											
Description: Grantees must certify that at least 1% of 5307 funding received each fiscal year is being used for transit security projects											

TIP ID: <b>4489</b>	Agency ID: <b>VRE0008</b>	Title: <b>Grant and Project Management</b>									
Facility: System Wide	Sect. 5307	80/20/0	596 a	650 a	650 a	650 a	650 a	650 a	500 a	3,696	
From: Northern Virginia										<b>Total Funds:</b>	<b>3,696</b>
To:											
Description: The costs of grants and project management, as well as staff participation in federal grants management seminars, will be capitalized to the grants, reserving operating funds for service provision.											

**VRE - Rolling Stock Acquisition**

TIP ID: <b>4818</b>	Agency ID: <b>VRE0001</b>	Title: <b>Rolling Stock Modifications and Overhauls</b>									
Facility:	Sect. 5307	80/16/4		483 c						483	
From: Systemwide											
To:	Sect. 5309	80/16/4		2,283 c						2,283	
	Sect. 5337 - SGR	80/10/10			4,900 c	2,000 c				6,900	
									<b>Total Funds:</b>	<b>9,666</b>	
Description: Technological developments and safety mandates from the Federal Railroad Administration (FRA), may require ongoing improvements to the VRE fleet. Projects that bring VRE into compliance with future federal mandates will be given the highest funding priority. Implementing PTC as required by FRA.											

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<b>TIP ID: 4534</b>		<b>Agency ID: VRE0009</b>		<b>Title: Rolling Stock Acquisition</b>							
Facility: VRE Rolling Stock		Sect. 5307	80/20/0		3,574 c						3,574
From: Systemwide											
To:		Sect. 5307	80/10/10			6,545 c	5,750 c	4,675 c	4,675 c	4,675 c	26,320
		Sect. 5309-FG	80/20/0		5,135 c						5,135
		Sect. 5337 - SGR	80/10/10			13,793 c	4,146 c	1,931 c	1,931 c	1,931 c	23,732
<b>Total Funds:</b>											<b>58,761</b>

Description: VRE has purchased from Sumitomo 11 cab cars (base order), 50 cab and trailers (option order) and an additional 10 cars. In addition, VRE has contracted with Motive Power for 25 locomotives and will be adding additional as funding becomes available. This project includes funding plus a new procurement of up to 42 railcars. for debt service of the rolling stock, spec development and construction oversight.,plus a new procurement of up to 42 railcars.

**VRE - Stations and Facilities**

<b>TIP ID: 6320</b>		<b>Agency ID: T10671</b>		<b>Title: VRE Rippon Platforms</b>							
Facility: US 1		AC	100/0/0						3,034 c		3,034
From: Farm Creek Drive											
To: Rippon Blvd.		AC Conversion	80/20/0							1 c	1
		CMAQ	80/20/0			2,100 a		5,755 c			7,855
<b>Total Funds:</b>											<b>10,890</b>

Description: Project includes additional funding for environmental review, PE/final desing and construction to lengthen the existig platform at the VRE Rippon station from 400 feet to 650 feet and extend the canopy by 100 feet and desing and construction of a second, 650 platform, canopy and elevator.

<b>TIP ID: 4310</b>		<b>Agency ID: VRE0011</b>		<b>Title: VRE Stations and Facilties</b>							
Facility: VRE Stations and Facilities		AC	80/20/0			950 c					950
From: Districtwide								3,823 c	4,923 c		8,746
To:		AC Conversion	85/15/0								
		AC.	90/10/0			24,089 c					24,089
		CMAQ	80/20/0			21,733 c					21,733
		Sect. 5307	80/20/0		100 c	107 c	107 c	107 c	107 c	107 c	528
		Sect. 5309	80/20/0		500 c						500
		Sect. 5337 - SGR	80/10/10			500 c	1,346 c	946 c	946 c	946 c	4,684
<b>Total Funds:</b>											<b>61,230</b>

Description: Involves the addition of second platforms, canopy and platform extensions, replacement of signage and other related improvements at various VRE stations in order to keep the stations in good repair. This work will be done at various stations including Fredericksburg, Leeland Road, Brooke, Manassas, Manassas Park, Woodbridge, Rippon, Rolling Road, Broad Run, Burke and other stations to be determined.

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<b>VRE - Tracks and Storage Yards</b>										
TIP ID: 4070    Agency ID: VRE0007    Title: <b>Storage Yards Improvements</b>										
Facility:										
From: Systemwide	Sect. 5307	80/10/10		376 c	469 c	2,422 c				3,267
To:	Sect. 5307	80/20/0					5,261 c	4,636 c		9,897
	Sect. 5309	80/10/10		262 c	685 c	1,067 c				2,014
	Sect. 5309	80/20/0					2,087 c	416 c		2,503
<b>Total Funds:</b>										<b>17,681</b>

Description: As additional cars are added to accommodate ridership demand, storage yards and maintenance facilities must be obtained and/or upgraded. Improvements to the yards and maintenance facilities will allow additional maintenance to be performed by VRE contractors and additional vehicles to be stored.

<b>VRE Track Lease Improvements</b>										
TIP ID: 5489    Agency ID: VRE0012    Title: <b>VRE Track Lease Improvements</b>										
Facility: VRE Track	STP	80/10/10		14,000 c	14,560 c	15,603 c	15,748 c	16,378 c	17,033 c	93,322
From: NoVA and District of Columbia										
To: Urban Flex		80/10/10				16,355 c				16,355
<b>Total Funds:</b>										<b>109,677</b>

Description: Provides capitalized access fees in the form of long term and related capital improvements on the railroad systems that VRE operates on railroad systems owned by Amtrak, CSX, and Norfolk Southern.

## Appendix A

### Projects by Grouping

#### Northern Virginia MPO

#### Construction : Bridge Rehabilitation/Replacement/Reconstruction

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Interstate	17071	Alexandria	0095		\$159,699,667
			RTE 95 - SECURING OF CONSULTANT		
			FROM: MANAGEMENT, COORDINATION, SCHEDULING, ADMINISTRATION TO: AND COMMUNITY RELATIONS AT WOODROW WILSON BRIDGE		
Primary	82135	Fairfax County	0007		\$20,547,944
			Bridge Decks Replacement and Widening of Route 7 over DATR		
			FROM: 0.564 Mile West of Tyco Road TO: 0.134 Mile West of Tyco Road (0.2600 MI)		
Primary	82131	Arlington County	0027		\$20,052,369
			MAJOR BRIDGE REHABILITATION ON WASHINGTON BLVD/RT 27 @RT 110		
			FROM: 0.50 mi north of Columbia Pike TO: 0.60 mi to the interesectionewith Rte 12- Memorial Dr (0.2400 MI)		
Primary	77322	Fairfax County	LEE HIGHWAY (0029)		\$18,340,699
			RTE 29 - BRIDGE REPLACEMENT OVER LITTLE ROCKY RUN		
			FROM: 0.2 mi East of Pickwick Road (Mile Marker 229.2) TO: Union Mill Road (Mile Marker 229.6) (0.3600 MI)		
Primary	18860	Arlington County	GLEBE ROAD (0120)		\$7,521,999
			BRIDGE REPLACEMENT @ GLEBE RD/RT 120 & RT 50 IN ARLINGTON CO		
			FROM: 0.07 MILES SOUTH ROUTE 50 TO: 0.06 MILES NORTH ROUTE 50 (0.1300 MI)		
Primary	93805	Arlington County	GLEBE ROAD (0120)		\$580,000
			GLEBE RD/RT 120 & RT 50 Bridge - Interchange Improv		
			FROM: .14 Miles South Route 50 TO: .08 Miles North Route 50 (0.2200 MI)		
			All funding obligated based on current allocations/estimate		
Primary	92567	Fairfax County	CHAIN BRIDGE ROAD (0123)		\$500,000
			Bridge Repairs/Rehab and Overlay, Rte 123 SB over I-66		
			FROM: 00.57 mile from Rte 655 TO: 00.67 mile to Rte 29/50 (0.1000 MI)		
Primary	82132	Arlington County	DUKE STREET (0236)		\$11,913,194
			MAJOR BRIDGE REHABILITATION AT RTE 236 OVER I-395		
			FROM: DECK REPLACEMENT; SUPERSTRUCTURE & SUBSTRUCTURE REPAIRS TO: ON DUKE STREET		
Primary	104406	Alexandria	KING STREET (0395)		\$8,889,744
			Major Bridge Rehab at Rte 7/King St over I-395		
			FROM: 0.3 mi W from I-395 TO: 0.3 mi E from I-395 (0.6000 MI)		
Secondary	95636	Arlington County	CARLIN SPRINGS ROAD (BR00)		\$2,538,272
			Bridge Rehabilitation Carlin Springs Road at Geo Mason Dr.		
			FROM: Carlin Springs Road TO: George Mason Dr		
Secondary	104434	Arlington County	N MEADE STREET/N FORT MYER DRIVE (6852)		\$5,300,000
			N Meade St Bridge Safety Improvement		
			FROM: 17th Street TO: 14th Street (0.5000 MI)		
Secondary	84385	Fairfax County	BEACH MILL ROAD (0603)		\$535,824
			BEACH MILL ROAD - RTE 603 - BR. OVER NICHOLS RUN		
			FROM: 0.55 MI W. OF RTE 674 (SPRINGVALE RD) TO: 0.45 MI W. OF RTE 674 (SPRINGVALE RD) (0.1000 MI)		

## Northern Virginia MPO

### Construction : Bridge Rehabilitation/Replacement/Reconstruction

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Secondary	103781	Fairfax County	BEACH MILL ROAD (0603)		\$1,246,248
			Bridge Replacement at Beach Mill Rd over Nichols Br		
			FROM: 0.55 Mi W of Rte 674 (Springvale Rd) TO: 0.45 Mi W of Rte 674 (Springvale Rd) (0.1000 MI)		
			All funding obligated based on current allocations/estimate		
Secondary	82215	Fairfax County	COMPTON ROAD (0658)		\$158,950
			COMPTON RD. - RTE. 658 - BRIDGE REHAB. OVER LITTLE ROCKY RUN		
			FROM: 0.12mi W INT Rte 8361 TO: 0.06mi E INT Rte 8617 (0.1100 MI)		
			All funding obligated based on current allocations/estimate		
Secondary	97219	Fairfax County	GUINEA ROAD (0651)		\$4,734,299
			GUINEA ROAD - ROUTE 651 - REPLACE CULVERT OVER LONG BRANCH		
			FROM: 0.066 mi. S. of Long Branch TO: 0.047 mi. N. of Long Branch (0.1100 MI)		
Secondary	102691	Fairfax County	HUNTER MILL ROAD (0674)		\$2,153,221
			Bridge Replacement at Hunter Mill Rd over Difficult Run		
			FROM: 0.15 Mi S Lawyers Station Rd TO: 0.21 Mi S Lawyers Station Rd (0.0600 MI)		
			All funding obligated based on current allocations/estimate		
Secondary	76247	Fairfax County	TOWLSTON ROAD (0676)		\$593,000
			TOWLSTON RD - RT 676 - REPLACE BRIDGE OVER ROCKY RUN		
			FROM: BRIDGE REPLACEMENT OVER ROCKY RUN TO: (0.15 MILE FROM ROUTE 738) STRUCTURE # 6137 (0.2000 MI)		
Secondary	87728	Fairfax County	TWIN LAKES DRIVE (3546)		\$1,446,276
			TWIN LAKES DR BRIDGE REHABILITATION OVER JOHNNY MOORE CREEK		
			FROM: 0.53 MILES EAST OF ROUTE 659 TO: 0.50 MILES WEST OF RTE 645 (0.0680 MI)		
Secondary	84383	Fairfax County	WALKER ROAD (0681)		\$378,215
			WALKER RD - RTE 681 - REPLACE BRIDGE OVER PINEY RUN		
			FROM: 0.3 Mi. N of Route 743 (Colvin Run Road) TO: 0.4 Mi N of Route 743 (Colvin Run Road) (0.1000 MI)		
Secondary	82214	Fairfax County	WALNEY ROAD (0657)		\$833,740
			WALNEY RD - RT 657 - BRIDGE REHAB OVER FLATLICK BRANCH		
			FROM: 0.42mi S INT Rte 6215 TO: 0.03mi N INT Rte 6755 (0.1000 MI)		
Secondary	104103	Fairfax County	WALNEY ROAD (0657)		\$15,014,540
			WALNEY RD - RTE 657 - BRIDGE REPLACEMENT AND WIDENING - D/B		
			FROM: .083 MI. South of Flatlick Branch TO: 0.033 MI. North of Dallas St (0.5850 MI)		
			All funding obligated based on current allocations/estimate		
Secondary	101292	Loudoun County	ARNOLD LANE & SAWMILL LANE (0685)		\$160,000
			Replace 2 Bridges on Rte 685 & Rte 686 over Piney Run		
			FROM: 0.33 Mi W from Rte 671 on Rte 686 TO: 0.7 Mi W from Rte 671 on Rte 685		
Secondary	99678	Loudoun County	FOREST MILLS RD (0727)		\$2,574,556
			Bridge Replace. Forest Mills Road Over Trib. of Crooked Run		
			FROM: 0.00 TO: 0.00		
Secondary	85428	Loudoun County	GLEEDSVILLE ROAD (0650)		\$3,123,971
			Reconstr. & widen existing bridge and approaches (Str.#6041)		
			FROM: 0.12 miles south of Sycolin Creek TO: 0.10 miles north of Sycolin Creek (0.2200 MI)		

## Northern Virginia MPO

### Construction : Bridge Rehabilitation/Replacement/Reconstruction

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Secondary	90519	Prince William County	ADEN ROAD (0646)		\$5,827,654
			RTE 646 - REPLACE BRIDGE OVER NORFOLK SOUTHERN RAILROAD		
			FROM: OVER NORFOLK SOUTHERN RAILROAD TO: OVER NORFOLK SOUTHERN RAILROAD		
Urban	89891	Fairfax	CHAIN BRIDGE ROAD (0123)		\$5,522,828
			Chain Bridge Road (Rte. 123) Bridge replacement		
			FROM: Meadow Bridge Lane TO: Kenmore Drive		
Urban	17689	Manassas	NOKESVILLE ROAD (0028)		\$22,484,953
			BUILD INTERCHANGE-RT 28/WELLINGTON RD&ELIMINATE @GRADE XING		
			FROM: 0.252 MILE WEST ROUTE 674 (WELLINGTON ROAD) TO: 0.251 MILE EAST ROUTE 674 (WELLINGTON ROAD) (0.5030 MI)		
Construction : Bridge Rehabilitation/Replacement/Reconstruction Total					\$322,672,163

### Construction : Rail

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Secondary	81072	Prince William County	RIXLEW LANE (0668)		\$0
			RTE 668 - INSTALL NO RIGHT TURN ADVANCED FLASHER		
			FROM: ON WELLINGTON TO BE INTERCONNECTED WITH RAILROAD SIGNAL TO: 209 FEET NORTH OF ROUTE 674 DOT #714-356G		
Secondary	100434	Prince William County	RT. 821 / BETHLEHEM RD (0821)		\$220,000
			Rt. 821 - Install New Flashing Lights and Gates		
			FROM: .82 Mi. N Rt. 674 TO: At NSRR Crossing #714359C		
			All funding obligated based on current allocations/estimate		
Construction : Rail Total					\$220,000

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Interstate	102522	Northern Virginia District-wide	VARIOUS INTERSTATES & APPROACH ROUTES (0000)		\$305,405
			UPGRADE OVERHEAD GUIDE SIGNS		
			FROM: NRO WIDE TO: NRO WIDE		
Interstate	105241	Arlington County	0066		\$100,000
			AIR RIGHTS PILOT PROJECT LEASING AIRSPACE ABOVE I-66		
			FROM: North Washington Street TO: North Lynn Street (5.0000 MI)		
			All funding obligated based on current allocations/estimate		
Interstate	105364	Arlington County	0066		\$312,000
			I-66 Corr Congest Improv Roslyn Tunnel Safety Improvments		
			FROM: East Portal - Rosslyn Tunnel TO: West Portal - Rosslyn Tunnel (1.0000 MI)		
			All funding obligated based on current allocations/estimate		
Interstate	96105	Fairfax County	I-66 (0066)		\$20,066,412
			ARRA - I66 Pavement		
			FROM: Rte 50 TO: I495 (5.6000 MI)		
			LINK WITH UPC 97216. All funding obligated based on current allocations/estimate		

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Interstate	97216	Fairfax County	I-66 (0066) ARRA-C I66 Pavement FROM: Rte 50 TO: I-495 (5.6000 MI) LINK WITH 96105		\$28,279,877
Interstate	97383	Fairfax County	INTERSTATE 66 (0066) Upgrade Signal Hardware at Rte 7 and I-66 EB Off-Ramp FROM: EB Off-Ramp I-66 TO: Rte 7 Leesburg Pike LINK WITH UPC 86628,95496,96998,97004,97006		\$157,520
Interstate	97586	Multi-jurisdictional: Northern Virginia MPO	0066 I-66 MULTI MODAL STUDY FROM: Interstate 66 (DC Line) TO: Interstate 495 (Capital Beltway) (16.5000 MI) All funding obligated based on current allocations/estimate		\$2,500,000
Interstate	89666	Northern Virginia District-wide	I-66 (0066) I-66 Gore Areas Upgrade of Pavement Markings FROM: US 15 TO: Rte 110 in Arlington Co. LINK WITH UPC 77586,89449,89534,89657,89663,89664		\$142,073
Interstate	98017	Northern Virginia District-wide	0066 I-66 Active Traffic Management Project FROM: I-66 MM 40 (East of US15) TO: I-66 MM 75 DC Line, Potomac River; Roosevelt Bridge (35.0000 MI)		\$38,566,207
Interstate	90159	Fairfax County	SPRINGFIELD INTERCHANGE (0095) I-95 Interchange Improvements Phase VIII Support HOV Roadways Between Routes i-95/I-395/I-495 (1.3000 MI)		\$6,500,000
Interstate	89664	Northern Virginia District-wide	0095 I-95 Gore Areas Upgrade of Pavement Markings FROM: Russell Road TO: Route 123 LINK WITH UPC 77586,89449,89534,89657,89663,89666		\$78,481
Interstate	105378	Northern Virginia District-wide	I-95 (0095) I-95 Parking Management System - PE only FROM: Stafford / Prince William County line TO: Washington DC (29.0000 MI)		\$600,000
Interstate	94105	Prince William County	I-95 (0095) 7.05 MI Grade, Drain, Asp. Pave, Signs, Lighting & Incid. FROM: 0.55 M. S. of Dumfries Road TO: 0.24 M. N. of Peince William County Pkwy LINK WITH UPC 81412		\$40,040,647
Interstate	102578	Prince William County	TELEGRAPH ROAD (0095) Telegraph Road P&R access improvements FROM: 0.20 Mi South of Caton Hill Road TO: 0.37 Mi North of Caton Hill Road (0.5700 MI)		\$7,062,370
Interstate	69132	Arlington County	0395 RTE 395 - INCIDENT MANAGEMENT FROM: 14TH STREET BRIDGE TO: VA 7 / ALEXANDRIA CITY LIMITS All funding obligated based on current allocations/estimate		\$2,007,366
Interstate	103590	Arlington County	I-395 (0395) I-395 Ramp Metering ITS Systems Upgrade FROM: Edsall Road TO: Boundary Channel Drive (8.5600 MI)		\$1,821,041

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC Jurisdiction / Name / Description	Street(Route)	Estimate
Interstate	103591	Arlington County I-395 Gate ITS Systems Upgrade FROM: Edsall Road TO: Boundary Channel Drive (8.5600 MI)	I-395 (0395)	\$9,950,000
Interstate	105363	Multi-jurisdictional: Northern Virginia MPO I-395 Corr Congest Improv upgrade ramp metering FROM: Edsall Road TO: Boundary Channel Drive (_)	0395	\$300,000
Interstate	89663	Northern Virginia District-wide I-395 Gore Areas Upgrade of Pavement Markings FROM: Rte 648 in Fairfax County TO: George Washington Parkway	0395	\$45,543
Interstate	105130	Fairfax County I-495 NORTHERN SECTION SHOULDER USE FROM: South of Old Dominion Drive overpass TO: George Washington Memorial Parkway (1.8000 MI)	0495	\$20,000,000
Interstate	89657	Northern Virginia District-wide I-495 Gore Areas Upgrade of Pavement Markings at Rte 613	0495	\$13,758
Interstate	52725	Northern Virginia District-wide CLEAN AIR PARTNERS (FORMERLY ENDZONE REGIONAL PUBLIC EDUCATION CAMPAIGN) All funding obligated based on current allocations/estimate	CM00	\$3,004,000
Interstate	52726	Northern Virginia District-wide COMMUTER CONNECTIONS OPERATION CENTER  All funding obligated based on current allocations/estimate	CM00	\$4,875,025
Interstate	87396	Northern Virginia District-wide REGION TRANSP MGMT PLAN FROM: Congestion Management Plan TO: Congestion Management Plan Parent UPC linked with Child UPC 88636	CMP0	\$49,423,435
Interstate	72835	Northern Virginia District-wide HOV LANE ENFORCEMENT DISTRICTWIDE	HOVE	\$2,700,000
Interstate	61247	Northern Virginia District-wide ATMS SYSTEM MAINTENANCE / INTEGRATION FROM: OpenTMS / ASSIST SYSTEMS ADMN, MAINTENANCE, AND INTEGRATION TO: @ PSTOC AND THROUGHOUT THE NORTHERN REGION	STC0	\$16,000,217
Miscellaneous	76235	Northern Virginia District-wide NVTA - 2020 PLAN UPDATE		\$1,000,000
Miscellaneous	102841	Alexandria City of Alexandria - SRTS - crossing improvements FROM: Multiple TO: Multiple	N BEAUREGARD, COMMONWEALTH, HOWARD AND RUSSELL (0000)	\$275,000

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	97909	Fairfax County	0000 Public Safety Announcement Points (PSAP) Fairfax County Northern Region		\$83,108
Miscellaneous	102848	Fairfax County	BURKE CENTRE PARKWAY (0000) Fairfax County - SRTS - Terra Centre ES - Crossing Imp. FROM: Marshall Pond Road TO: Marshall Pond Road		\$150,000
Miscellaneous	102849	Falls Church	N WEST STREET (0000) City of Falls Church - SRTS - Mt. Daniel ES - Sidewalks etc. FROM: Grove Ave TO: NCL		\$372,300
Miscellaneous	102850	Falls Church	LEESBURG PIKE (0000) City of Falls Church - SRTS - Henderson MS - Ped safety imp. FROM: 7130 Leesburg Pike TO: 7130 Leesburg Pike		\$100,000
Miscellaneous	94638	Loudoun County	0000 ARRA - Loudoun Misc.LED Signals/Ped Countdowns/Power Sources FROM: LOUDOUN COUNTY WIDE TO: LOUDOUN COUNTY WIDE Waiting Financial Closure		\$414,376
Miscellaneous	102851	Manassas Park	EUCLID AVE (0000) City of Manassas Park - SRTS - Manassas Park MS - Trail FROM: Industry Drive TO: Blooms Quarry Road		\$903,000
Miscellaneous	81410	Northern Virginia District-wide	0000 DISTRICTWIDE ROADWAY SAFETY ASSESSMENT - NOVA DISTRICT FY07 HSIP PROJECT All funding obligated based on current allocations/estimate		\$0
Miscellaneous	81411	Northern Virginia District-wide	0000 DISTRICTWIDE RUMBLE STRIPS - NOVA DISTRICT FY07 HSIP PROJECT		\$0
Miscellaneous	81412	Northern Virginia District-wide	0000 DISTRICTWIDE SHOULDER IMPROVEMENT - NOVA DISTRICT FY07 HSIP PROJECT		\$0
Miscellaneous	81414	Northern Virginia District-wide	0000 DISTRICTWIDE TRAFFIC SIGNALS AND ITS - NOVA DISTRICT FY07 HSIP PROJECT		\$0
Miscellaneous	102852	Vienna	HARMONY DRIVE AND LULLABY LANE (0000) Town of Vienna - SRTS - Cunningham Pk ES - Sidewalks FROM: Harmony Drive TO: Lullaby Lane		\$300,000
Miscellaneous	90829	Fairfax County	COLUMBIA PIKE TRAIL IMPROVEMENTS (0244) Columbia Pike Trail - Holmes Run to Powell Lane FROM: Holmes Run Stream Valley Park TO: Powell Lane (0.2500 MI)		\$733,976
Miscellaneous	70632	Fairfax County	SOAPSTONE DRIVE (4720) TRAILS PROJECTS AT VARIOUS LOCATIONS FROM: South Lakes Drive TO: Glade Drive (0.5000 MI)		\$1,661,660

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	102556	Falls Church	VARIOUS (9999)		\$132,001
			CITYWIDE BUS STOP IMPROVEMENTS		
			FROM: Citywide TO: Citywide		
Miscellaneous	T6527	Northern Virginia District-wide	9999		\$0
			HSIP NoVA Districtwide		
			Various locations		
Miscellaneous	94213	Arlington County	JOYCE STREET (BPTO)		\$830,263
			Arlington Shared-Use Path Connections		
			FROM: 0.19 Mi. N of Army Navy Drive TO: Army Navy Drive (0.1900 MI)		
Miscellaneous	101016	Northern Virginia District-wide	SHIRLEY MEMORIAL HIGHWAY (BR11)		\$2,200,000
			I-395 Bridge Corrosion Survey - Edsall Rd to Four Mile Run		
			FROM: 0.0 Mi N Rte 648 TO: 5.0 Mi N Rte 648 (5.0000 MI)		
			All funding obligated based on current allocations/estimate		
Miscellaneous	70506	Arlington County	BS00		\$610,000
			BUS SHELTERS/SAFETY ENHANCEMENTS		
Miscellaneous	97613	Arlington County	VARIOUS (BS00)		\$190,000
			Arlington Bus Shelter Contract Various Sites - Ph2		
			10 Bus Shelter Sites		
Miscellaneous	89133	Fairfax County	BS00		\$610,000
			Design and Install Bus Shelters - Annual Contract FY08/09		
			Purchase & Installation of Bus Shelters at Various Locations		
			Waiting financial closure		
Miscellaneous	70602	Northern Virginia District-wide	CRPT		\$196,667
			CONGESTION RELIEF PROJ - EXTEND EXISTING DOUBLE LTL'S		
			TYTRAN INTERSECTIONS		
Miscellaneous	101293	Multi-jurisdictional: Northern Virginia MPO	RTCO		\$1,826,673
			MATOC Annual Support		
			FROM: A REGIONAL TRANSPORTATION COORDINATION AND TO: COMMUNICATION PROGRAM - METROPOLITAN WASHINGTON, DC		
Miscellaneous	99179	Arlington County	ARLINGTON COUNTY (TS00)		\$0
			Traffic Signal Optimization - Phase 6		
			FROM: Arlington County Wide TO: Arlington County Wide		
			LINK WITH UPC 70625		
Miscellaneous	70625	Northern Virginia District-wide	ARLINGTON COUNTY (TS00)		\$544,000
			TRAFFIC SIGNAL OPTIMIZATION		
			FROM: Arlington County Wide TO: Arlington County Wide		
			LINK WITH UPC 99179		
Miscellaneous	87493	Arlington County	TSM0		\$1,010,000
			Transportation System Management & Communications Plant Upgr		
			Countywide		
			All funding obligated based on current allocations/estimate		

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	94591	Arlington County	COUNTY WIDE (TSMO) ARRA TSM and Communications Plant Upgrade - PH 1 FROM: County Wide TO: County Wide LINK WITH UPC 95559		\$4,193,476
Miscellaneous	94652	Arlington County	COUNTY WIDE (APPROX. 100 SIGNALS IN PHASE 2) (TSMO) TSM Fiber Optic Plant Upgrades - PH2A Construction FROM: County Wide TO: County Wide All funding obligated based on current allocations/estimate		\$8,643,112
Miscellaneous	95559	Arlington County	COUNTYWIDE (TSMO) ARRA-C TSM and Communications Plant Upgrade - PH 1 FROM: Countywide TO: Countywide LINK WITH UPC 94591		\$0
Miscellaneous	101689	Arlington County	COUNTY WIDE (APPROX. 93 SIGNALS IN PH3) (TSMO) TSM Fiber Optic Plant Upgrades - PH3 Construction FROM: County Wide TO: County Wide		\$5,115,207
Miscellaneous	70752	Northern Virginia District-wide	VP00 NORTHERN VIRGINIA VANPOOL INCENTIVES PROGRAM REGIONWIDE		\$1,817,300
Primary	72898	Arlington County	0001 RTE 1 -BUS RAPID TRANSIT RELATD IMPR (TRF SIGNALS) FROM: ALEXANDRIA CORPORATE LIMITS TO: PENTAGON (1.8000 MI)		\$1,946,000
Primary	67772	Fairfax County	0001 RTE 1 - INSTALL CROSSWALKS - PE Only FROM: ROUTE 7100 TO: ROUTE 1332 (HUNTINGTON AVENUE)		\$1,408,118
Primary	89866	Fairfax County	JEFFERSON DAVIS HIGHWAY (0001) Traffic Signal Upgrade to LED's & Install UPS FROM: Prince William County Line TO: Fairfax County Line		\$396,609
Primary	94867	Fairfax County	RICHMOND HWY (0001) Upgrade Existing Signal at Richmond Hwy and Ladson Lane FROM: Richmond Hwy (Rt 1) TO: Ladson Lane (Rt 921)		\$138,480
Primary	98427	Fairfax County	US 1 RICHMOND HIGHWAY (0001) Upgrade Signal and Ped Facilities on US 1 at Rt 630 FROM: SR 630 Quander Road/Fairhaven Avenue TO: SR 630 Quander Road/Fairhaven Avenue		\$255,395
Primary	98753	Fairfax County	RICHMOND HIGHWAY (0001) PE Only - Rte 1 Install Crosswalks - Ph2 @ Various Sites FROM: Route 7100 TO: Route 1332 (Huntington Avenue) All funding obligated based on current allocations/estimate		\$3,880,000
Primary	99054	Fairfax County	RICHMOND HWY (0001) Rte 1 - Install Crosswalks - RW Phase 1 FROM: 0.025 Miles North of Belford Drive TO: 0.134 Miles West of Lukens Lane		\$3,405,000

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC Jurisdiction / Name / Description	Street(Route)	Estimate
Primary	92999	Prince William County	JEFFERSON DAVIS HWY/FULLER HEIGHTS/FULLER ROAD (0001) Rt.1-Fuller Heights Road-Fuller Road relocation proje. FROM: Intersection Improvements at Rt. 1 /Rt. 619 TO: Intersection Improvements at Rt. 1/Rt. 619 (0.2000 MI)	\$8,542,785
Primary	94861	Prince William County	JEFFERSON DAVIS HIGHWAY (0001) Upgrade Existing Signal at Jeff Davis Hwy and Featherstone FROM: Jefferson Davis Highway TO: Featherstone Road	\$379,411
Primary	100649	Prince William County	US 1 (0001) Construct Channelization, Ped Facilities on US 1 FROM: Prince William Pkwy/ Longview Drive TO: Prince William Pkwy/ Longview Drive	\$491,970
Primary	100472	Leesburg	EAST MARKET STREET (0007) LEESBURG SUPPLEMENTAL PARK & RIDE FACILITY Intersection, Battlefield Parkway	\$5,500,000
Primary	94859	Loudoun County	HARRY BRYD HWY (0007) Upgrade Existing Signal at Harry Bryd Hwy and Sterling Blvd FROM: Harry Bryd Hwy TO: Sterling Boulevard Waiting Financial Closure	\$216,836
Primary	98436	Loudoun County	BUS 7 MAIN STREET (0007) Upgrd Sgnl+Ped Xing @ BUS 7 Main St & SR 722 Maple St FROM: SR 722 Maple Street TO: SR 722 Maple Street	\$144,528
Primary	100700	Loudoun County	HARRY FLOOD BYRD HWY (0007) Rebid/Upgrd Existing Traf Signal @ SR 7 & Palisade/Ridgetop FROM: SR 1795 Palisade Pkwy TO: SR 1790 Ridgetop Circle (0.1300 MI)	\$371,185
Primary	70587	Loudoun County	CHARLES TOWN PIKE (0009) TOWN OF HILLSBORO TRAFFIC CALMING MEASURES IN LOUDOUN COUNTY FROM: 0.1 Mi. N Rte. 719, Stony Point Rd TO: 0.1 Mi. S. Rte. 690, Hillsboro Rd (0.6500 MI) All funding obligated based on current allocations/estimate	\$20,523,358
Primary	86523	Loudoun County	CHARLES TOWN PIKE (0009) Install Guardrail FROM: .5 mile west of Sagle Road, Route 687 TO: .1 mile west of Sagle Road, Route 687 (0.4000 MI) Waiting financial closure	\$45,544
Primary	68760	Loudoun County	0015 VILLAGE OF LUCKETTS - SAFETY IMPROVEMENTS IN LOUDOUN COUNTY FROM: 0.39 MILE SOUTH LUCKETTS RD/STUMPTOWN RD (RTE 662) TO: 0.23 MILE NORTH LUCKETTS RD/STUMPTOWN RD (RTE 662) (0.6200 MI)	\$11,269,158
Primary	86333	Fairfax County	CENTREVILLE ROAD (0028) VA 28 SB to I-66 EB - EXTEND LEFT TURN LANES FROM: 0.04 MI. South of I-66 East Ramp TO: 0.27 MI. NORTH of I-66 East Ramp (0.3130 MI) Child UPC linked with Parent UPC 88639	\$4,075,943
Primary	79275	Arlington County	LEE HWY (0029) PRE-EMPT SIGNALS FOR EMERG VEHICLES FALLS CHURCH TO ROSSLYN FROM: FALLS CHURCH CORP. LIMIT TO: ROSSLYN METRO STATION (5.0000 MI)	\$1,000,000

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Primary	100634	Arlington County	LEE HIGHWAY (CUSTIS TRAIL) (0029)		\$298,131
			Upgrade signs, markings, crosswalks and signals on Lee Hwy FROM: N. Lynn Street TO: S. Four Mile Run		
Primary	94865	Fairfax County	LEE HIGHWAY (0029)		\$217,969
			Upgrade Existing Signal at Lee Hwy and Graham Rd FROM: Lee Highway (Rt 29) TO: Graham Road (Rt 1720)		
Primary	98429	Fairfax County	USS 29 LEE HIGHWAY (0029)		\$302,076
			Upgrd Sgnl+Ped Xing @ US 29 Lee Hwy & SR 699 Prosperity Av FROM: SR 699 Prosperity Avenue TO: SR 699 Prosperity Avenue		
Primary	100648	Fairfax County	LEE HWY (US 29) (0029)		\$1,438,428
			Intersection improvements at Lee and Nutley FROM: Lee Hwy (US 29) Mile Marker 236.958 TO: Nutley St (Rte 243) Mile Marker 237.208 (0.2500 MI)		
Primary	103465	Prince William County	PRIMARY ROUTES 29/15 AND 215 (VINT HILL ROAD) (0029)		\$500,000
			Route 29 & Buckland Area Transportation Improvement Study FROM: MP 212.25 Route 29/Route 215 intersection Bev Mill Rd. TO: MP 218.87 I66/Rte.29 interchange (6.3000 MI) All funding obligated based on current allocations/estimate		
Primary	96750	Arlington County	ARLINGTON BLVD (0050)		\$495,000
			Install Curb & Gutter, Sidewalks and Upgrade Signal on US 50 FROM: Park Drive TO: 500' away from Intersection		
Primary	96751	Arlington County	ARLINGTON BLVD (0050)		\$473,000
			Install Curb & Gutter, Sidewalk and Upgrade Signal on US 50 FROM: Irving Street TO: 500' away from intersection		
Primary	100640	Arlington County	ARLINGTON BLVD (0050)		\$478,000
			Redesign intersection of Arlington Blvd and Manchester FROM: Arlington Blvd TO: Manchester		
Primary	90212	Fairfax County	ARLINGTON BLVD (0050)		\$155,126
			Install Roadway Lighting on Arlington Blvd at Graham Road		
Primary	98428	Fairfax County	US 50 LEE JACKSON MEMORIAL HWY (0050)		\$300,000
			Upgrd Sgnl+Ped Xing @ US 50 & SR 657 Centerville/Walney Rd FROM: SR 657 Centerville Rd/ Walney Rd TO: SR 657 Centerville Rd/ Walney Rd Waiting Financial Closure		
Primary	68823	Loudoun County	0050		\$16,156,791
			RTE 50 - CONSTRUCT 4 ROUNDABOUTS AT GILBERTS CORNER AT ROUTE 15 (1.2800 MI)		
Primary	68825	Loudoun County	0050		\$7,222,410
			RTE 50 - TRAFFIC CALMING - VILLAGE OF ALDIE FROM: 0.290 MILE WEST ROUTE 734 (SNICKERSVILLE TURNPIKE) TO: 0.111 MILE EAST ROUTE 631 (NEW MOUNTAIN ROAD) (1.4550 MI)		

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC Jurisdiction / Name / Description	Street(Route)	Estimate
Primary	90114	Multi-jurisdictional: Northern Virginia MPO DMS NEW INSTALLATION ON PRIMARY LEADING TO I-66 FROM: VA 234 Business. TO: VA 110.	0066	\$1,984,403
Primary	52284	Arlington County RTE 120 - NORTH GLEBE ROAD PEDESTRIAN CROSSINGS FROM: FAIRFAX DRIVE TO: NORTH CARLIN SPRINGS ROAD (0.4000 MI) All funding obligated based on current allocations/estimate	GLEBE ROAD (0120)	\$3,232,795
Primary	73282	Arlington County RTE 120-SOUTH GLEBE ROAD/I-395 INTERCHANGE AREA IMPROVEMENTS FROM: 0.03 Mi North of Four Mile Run Drive TO: 0.03 Mi South of Four Mile Run Drive/West Glebe Rd (0.3600 MI)	ROUTE 120, SOUTH GLEBE ROAD (0120)	\$800,000
Primary	100642	Fairfax County Upgrade Traffic Singal @ SR 123-Ox Rd & Burke Cntr Pkwy FROM: Burke Centre TO: Burke Centre	OX ROAD (0123)	\$321,504
Primary	105183	Northern Virginia District-wide PRIMARY GUARDRAIL UPGRADES - GEORGETOWN PIKE FROM: SR 7 - Leesburg Pike TO: SR 123 - Dolley Madison Blvd (11.7900 MI) LINK WITH UPC 70657	GEORGETOWN PIKE (0193)	\$0
Primary	104554	Prince William County INTERSECTION IMPROVEMENT AT VINT HILL RD AND SUDLEY MANOR DR FROM: Route 1566 (Sudley Manor Drive) TO: Route 656 (Kettle Run Road) (0.2500 MI)	VINT HILL ROAD (0215)	\$300,000
Primary	71721	Prince William County RTE 234 BUS - PROVIDE SIGNALIZED CROSSWALKS AT ALL MAJOR INTERSECTIONS (2.1200 MI)	0234	\$639,957
Primary	86517	Prince William County Route 234 - Partial Intersection Reconstruction and Upgrade FROM: 0.03 Miles West of Rte. 1 TO: 0.04 Miles South of Rte. 234	DUMFRIES ROAD (0234)	\$779,271
Primary	90197	Prince William County Construct Shared Use Path to existing Country Club Dr FROM: Rt 1450 (Country Club Dr) TO: 0.25 North of Rt 1450 (COuntry Club Dr)	0234	\$1,024,759
Primary	93000	Prince William County Modify Right Turn Lane on Williamson Blvd. to Business 234 FROM: NB Route 234 Business (Sudley Rd) TO: 0.06 miles East of Route 234 Business (Sudley Rd.) LINK WITH UPC 81414,89866,91946,94868,95835,95837,95838	WILLIAMSON BLVD (0234)	\$820,518
Primary	94868	Prince William County New Signal at Bus 234 and Williamson Rd FROM: Williamson Blvd TO: Coverstone LINK WITH UPC 81414,89866,91946,93000,95835,95837,95838	SUDLEY ROAD (0234)	\$223,073
Primary	97381	Prince William County Improve Signs and Markings Conspicuity on Rte 234 FROM: I-66 WB on-ramp/Vandor Lane (route F-335) TO: I-66 WB on-ramp/Vandor Lane (route F-335) LINK WITH UPC T6527,94859,94861,94863,94865,94866,94867,97671,97672,97674,97675	SUDLEY ROAD (0234)	\$62,940

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC Jurisdiction / Name / Description	Street(Route)	Estimate
Primary	97671	Prince William County SUDLEY RD (0234) BUS 234_SR 668 signal upgrade to improve visibility & safety FROM: SR668-Rixlew Lane TO: SR 668-Rixlew Lane LINK WITH UPC'S T6527,94859,94861,94863,94865,94866,94867,97381,97672,97674,97675. Waiting Financial Closure		\$189,752
Primary	97674	Prince William County SUDLEY RD (0234) BUS234_SR 1581 signal upgrade to improve visibility & safety FROM: SR 1581-Irongate Way (South) TO: SR 1581-rongate Way (South) LINK WITH UPC'S T6527,94859,94861,94863,94865,94866,94867,97381,97672,97675,97671		\$200,248
Primary	93569	Fairfax County LITTLE RIVER TPK (0236) Route 236 - Install sidewalk and pedestrian crossing FROM: 0.024 Miles West of Route 649 TO: 0.140 Miles East of Route 649 (0.1640 MI)		\$726,165
Primary	102894	Fairfax County LITTLE RIVER TURNPIKE (0236) INTERSECTION IMPROVEMENTS - RTE 236 AND BEAUREGARD ST FROM: At Intersection with TO: Beauregard Street		\$18,000,000
Primary	104906	Fairfax County NORTH KINGS HIGHWAY (0241) Site Stabilization at N. Kings Hwy & Kathryn St FROM: 0.1 Mi N Rte 611 Telegraph Rd TO: 0.16 Mi N Rte 611 Telegraph Rd (0.0600 MI)		\$900,000
Primary	52459	Arlington County COLUMBIA PIKE (0244) COLUMBIA PIKE STREETScape-S WAKEFIELD ST TO FOUR MILE RUN DR FROM: SOUTH WAKEFIELD STREET TO: FOUR MILE RUN DRIVE (0.4000 MI) All funding obligated based on current allocations/estimate		\$4,965,000
Primary	80359	Arlington County 0244 RTE 244 - COLUMBIA PIKE MULTI-MODAL CORRIDOR IMPROVEMENTS FROM: FAIRFAX COUNTY LINE TO: WASHINGTON BOULEVARD (3.8000 MI) All funding obligated based on current allocations/estimate		\$1,990,000
Primary	85682	Arlington County COLUMBIA PIKE (0244) INSTALL BUS SHELTERS, PADS & IMPROVEMENTS ON COLUMBIA PIKE Capital		\$3,550,000
Primary	90199	Arlington County COLUMBIA PIKE (0244) Install Roadway Lighting on Columbia Pike FROM: S. Dinwiddie St TO: S Buchanan St (0.3000 MI) All funding obligated based on current allocations/estimate		\$317,259
Primary	90200	Arlington County COLUMBIA PIKE (0244) Install Roadway Lighting on Columbia Pike FROM: George Mason Drive TO: Glebe Road (0.5300 MI)		\$600,528
Primary	90202	Arlington County COLUMBIA PIKE (0244) Install Roadway Lighting on Columbia Pike FROM: Glebe Road TO: S Wayne St (0.5900 MI)		\$691,505
Primary	97675	Fairfax County COLUMBIA PIKE (0244) SR 244_SR 620 signal upgrade to improve visibility & safety FROM: SR 620-Braddock Rd TO: SR 620-Braddock Rd		\$179,076

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Primary	100471	Fairfax County	COLUMBIA PIKE (0244) Columbia Pike Streetcar Project FROM: Pentagon City -Arlington County TO: Skyline Drive area in Fairfax County		\$40,000,000
Primary	81328	Fairfax County	0267 DULLES TOLL ROAD TRANSITION LEGAL & FINANCIAL ADVISORY SERVICES		\$1,402,000
Primary	82839	Fairfax County	0267 FAIRFAX COUNTY DULLES CONGESTION MITIGATION PROJECTS FROM: TRANSIT OPS, TDM, COMMUNICATIONS, INCIDENT MGMT, MOT TO: & LNO/ITS ALONG RT 7, RT 123 & DULLES AIRPORT ACCESS RD		\$25,000,164
Primary	90213	Fairfax County	DULLES TOLL ROAD (0267) Redesign intersection of Rt 267 to Rt 7100 SB FROM: Dulles Toll Road Ramp TO: Fairfax County Parkway SB All funding obligated based on current allocations/estimate		\$652,102
Primary	104002	Fairfax County	FAIRFAX COUNTY PKWY (0286) SR 286 Install High Tension Cable "Guardrail" in Median FROM: SR 7412 Walnut Branch Rd (Mile Post 21.28) TO: SR 828 Wiehle Av (Mile Post 22.60) (1.3200 MI) All funding obligated based on current allocations/estimate		\$511,000
Primary	101017	Fairfax County	FRANCONIA SPRINGFIELD PKWY (0289) SR 289 (Old 7900) Upgrade & Install median Guardrail FROM: MP 2.00: I-95_HOV/SR 617 Backlick Rd TO: MP 0.00: SR 286 Fairfax County Pkwy/SR 638 Rolling Rd (2.0000 MI)		\$417,825
Primary	18863	Arlington County	OLD DOMINION DRI (0309) ARLINGTON COUNTY - SIDEWALKS/OTHER PEDESTRIAN IMPROVEMENTS FROM: Lee Highway TO: Fairfax County Line (1.5000 MI)		\$1,487,000
Primary	58599	Loudoun County	HARRY BYRD HIGHWAY (6007) RTE 7 - CONSTRUCT WB CLIMBING LANE FROM: Route 9 (Mile Marker 32.4) TO: West Market St (Mile Marker 35.0) (2.5700 MI)		\$36,376,618
Primary	99256	Loudoun County	HARRY BYRD HIGHWAY (6007) SYCOLIN ROAD OVERPASS OF ROUTE 7/15 BYPASS IN LEESBURG FROM: 0.096 Mi North of Hope Parkway TO: 0.016 Mi North of Gateway Drive (0.3740 MI)		\$17,680,704
Primary	78210	Northern Virginia District-wide	CM00 NORTHERN VIRGINIA TERMS FROM: FUNDING FOR TRANSPORTATION EMISSION REDUCTION MEASURES FOR TO: NORTHERN VIRGINIA REGION		\$25,461,570
Primary	100638	Arlington County	WILSON BLVD, CLARENDON BLVD (CP00) Upgrade signals at five major arterials in Arlington FROM: Various TO: Various		\$2,607
Primary	80438	Northern Virginia District-wide	ITS0 INSTALLATION OF CLOSED CIRCUIT TELEVISION VARIOUS LOCATIONS IN TYSONS CORNER		\$0

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Primary	52472	Fairfax County	R000		\$9,184
			ACCOTINK GATEWAY CONNECTOR TRAIL		
			FROM: KING ARTHUR DRIVE TO: WAKEFIELD PARK		
Primary	105398	Northern Virginia District-wide	US 29, US 50, US 7, SC 236 (SMRT)		\$500,000
			I66 Corr Tech Adv-29, 50, 7, 236 Signal Comm Cam - Arl to 15		
			FROM: US 15 TO: DC Line		
Primary	105400	Northern Virginia District-wide	RT 28, RT 234, RT 286, RT 294 (SMRT)		\$450,000
			I66 & I95 Corr Tech Adv-28, 234, 286, 294 Signal Comm Cam -		
			FROM: I-95 TO: I-66		
Primary	105401	Northern Virginia District-wide	US 1 (SMRT)		\$400,000
			I95 Corr Tech Adv-US 1 Signal Comm Cam - Alex to Staff		
			FROM: Alexandria Line TO: Stafford Line		
Primary	77184	Northern Virginia District-wide	STOS		\$15,820,074
			NOVA SIGNAL TIMING OPTIMIZATION & SYSTEM OPERATIONS		
			NORTHERN VIRGINIA DISTRICTWIDE		
			All funding obligated based on current allocations/estimate		
Public Transportation	70761	Arlington County	9999		\$0
			RTE 9999 - ACCESS IMPROVEMENTS AT ROSSLYN METRO STATION		
			NEAR NORTH LYNN STREET & 19TH STREET		
Public Transportation	84318	Arlington County	9999		\$0
			Ballston Metrorail Station Safety/Station Access Improvemen		
			Ballston Metrorail Station Safety/Station Access Improvemen		
Secondary	82571	Arlington County	HAYES STREET (6605)		\$9,803,563
			PENTAGON CITY MULTIMODAL IMPROVE-INTERSECTION & STREETScape		
			FROM: ARMY NAVY DRIVE TO: 15TH STREET		
Secondary	70762	Arlington County	N. LYNN STREET, CUSTIS TRAIL, & I66 EXIT-RAMP. (0029)		\$1,000,000
			RTE 9999 - ROSSLYN CIRCLE IMPROVEMENTS (MPO PROJECT)		
			FROM: EB Lee Highway. N. Lynn St. At N. Lynn Street Intersection TO: WB Lee Highway. Oak Street.		
			All funding obligated based on current allocations/estimate		
Secondary	95718	Fairfax County	7100		\$2,722,000
			GEC Oversight of Fairfax County Parkway Extension Project		
			FROM: Fullerton Road TO: Rolling Road		
Secondary	81293	Fairfax County	BACKLICK ROAD (0617)		\$105,555
			RTE 617 - CONSTRUCT PEDESTRIAN SIDEWALK		
			FROM: ROUTE 1467 Cabin John Rd TO: 0.09 Miles North of ROUTE 1467 (0.0900 MI)		
Secondary	97672	Fairfax County	BARON CAMERON AVE (0606)		\$178,923
			SR 606_SSR 4725 signal upgrade to improve visibility & safety		
			FROM: SR-4725 Village Rd TO: SR-4725 Village Rd		

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC Jurisdiction / Name / Description	Street(Route)	Estimate
Secondary	93570	Fairfax County Mod. Signal and Add LTLs on Braddock Road FROM: Intersection at TO: Ravensworth Road Waiting financial closure	BRADDOCK ROAD (0620)	\$1,282,109
Secondary	94866	Fairfax County Upgrade Existing Signal at Braddock Road and Queensberry Ave FROM: Braddock Road (Rt 620) TO: Queensberry Ave (Rt 3247) LINK WITH UPC'S T6527,94859,94861,94863,94865,94867,97381,97671,97672,97674,97675	BRADDOCK ROAD (0620)	\$202,106
Secondary	97004	Fairfax County Upgrade trfc sgnl @ SR 620-Braddock/New Braddock & SR 659 FROM: New Braddock Road TO: Union Mill Road LINK WITH UPC 86628,95496,96998,97006,97383	BRADDOCK ROAD (0620)	\$267,236
Secondary	97673	Fairfax County SR 643_SR 6493 signal upgrade to improve visibility & safety FROM: SR 6493-Burke Common Rd TO: SR 6493-Burke Common Rd Waiting Financial Closure	BURKE CENTER PKWY (0643)	\$211,962
Secondary	98430	Fairfax County Upgrade Signal and Ped Facilities at SR 643 @ SR 645 FROM: Burke Lake Rd TO: Lee Chapel Rd	BURKE CENTRE PKWY (0643)	\$300,000
Secondary	90214	Fairfax County Redesign intersection of Rt 267 to Rt 7100 NB FROM: NB Ramp Rt 267 TO: NB Rt 7100	DULLES TOLL ROAD (0267)	\$688,719
Secondary	105288	Fairfax County FAIRFAX COUNTY - SRTS - FLINT HILL ES - INTERSECTION IMP FROM: FLINT HILL ROAD TO: VALE ROAD	FLINT HILL ROAD (0000)	\$235,000
Secondary	95496	Fairfax County Upgrade Traffic Signal at Franconia Rd and Commerce St FROM: Route 644 TO: Commerce Street/ Loisdale Rd (Route 789) LINK WITH UPC 86628,96998,97004,97006,97383. Waiting Financial Closure	FRANCONIA ROAD (0644)	\$66,991
Secondary	70590	Fairfax County Gallows Road ON-ROAD BIKE LANES FROM: W & OD Trail TO: Old Courthouse Rd. (Rte 677) (1.5300 MI)	GALLOWS RD. (RTE 650) (BT00)	\$1,356,273
Secondary	105286	Fairfax County FAIRFAX COUNTY - SRTS - GRAHAM ROAD ES - CROSSING IMP. FROM: OAKLAND AVE/GRAHAM ROAD TO: OAKLAND AVE/GRAHAM ROAD (0.1000 MI)	GRAHAM ROAD (0000)	\$165,000
Secondary	92143	Fairfax County EXTEND BOX CULVERT TO WIDEN LEE ROAD FROM: 0.3 mile North of Int. Willard Road TO: 0.5 mile South of Int. Route 50 (0.2110 MI)	LEE ROAD (0661)	\$3,341,533
Secondary	86514	Fairfax County Shift the Median to the Right for left turn Realignment FROM: Loisdale Road TO: Loisdale Court (0.1000 MI)	LOISDALE ROAD (0789)	\$476,750

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Secondary	100644	Fairfax County	OLD KEENE MILL RD (RT 644) (0644)		\$408,765
			Improve sight distance at Old Keene Mill Rd & Rte 638		
			FROM: Old Keene Mill Rd (Rt 644) TO: Rolling Rd (Rt 638)		
Secondary	94863	Fairfax County	OLD KEENE MILL ROAD (RT 644) (0644)		\$282,144
			Upgrade Existing Signal at Old Keene Mill Rd & Carrleigh Pkwy		
			FROM: Old Keene Mill Road TO: Carrleigh Pkwy		
Secondary	103436	Fairfax County	ROLLING ROAD (0638)		\$400,000
			Traffic Signal @ Rolling Rd (Rte 638) & Hunter Village Dr.		
			FROM: Hunter Village Dr. TO: Hunter Village Dr.		
Secondary	103318	Fairfax County	RTE 620 - BRADDOCK ROAD (0620)		\$4,069,797
			Braddock Rd @ Pleasant Valley Rd Intersection Improvement		
			FROM: Rte 609 Pleasant Valley Road TO: Rte 609 Pleasant Valley Road		
Secondary	98422	Fairfax County	SR 602 RESTON PKWY (0602)		\$298,639
			Upgrd Sgnl+Ped Xing @ SR 602 Reston Pkwy @ SR 4721 Glade Dr		
			FROM: SR 4721 Glade Drive TO: SR 4721 Glade Drive		
Secondary	98425	Fairfax County	SR 602 RESTON PKWY (0602)		\$357,741
			Upgrd Sgnl+Ped Xing @ SR602 Reston Pk & SR5320 SunriseValley		
			FROM: SR 5320 Sunrise Valley Drive TO: SR 5320 Sunrise Valley Drive		
Secondary	98442	Fairfax County	SR 608 WEST OX ROAD (0608)		\$300,000
			Upgrd Sgnl+Ped Xing @ SR 608 West Ox & SR 7435 Post Forest		
			FROM: SR 7435 Post Forest Drive TO: SR 7435 Post Forest Drive		
Secondary	98443	Fairfax County	SR 608 WEST OX ROAD (0608)		\$321,845
			Upgrd Sgnl+Ped Xing @ SR 608 West Ox Rd & SR 7700 Fair Lakes		
			FROM: SR 7700 Fair Lakes Pkwy TO: SR 7700 Fair Lakes Pkwy		
			All funding obligated based on current allocations/estimate		
Secondary	96998	Fairfax County	SR 620 BRADDOCK RD (0620)		\$887,857
			Intersection improvements @ Rte. 620/7783/659		
			FROM: SR 620 New Braddock Rd TO: Union Mill Road Rte 659		
Secondary	97006	Fairfax County	SR 650 GALLOWES ROAD (0650)		\$246,293
			Upgrade Sgnl+Ped Xing @ SR 650 Gallows & SR 709 Woodburn		
			FROM: SR 709 Woodburn Rd TO: SR 709 Woodburn Rd		
Secondary	72695	Fairfax County	TRAP ROAD (0676)		\$307,021
			RTE 676 - FEASIBILITY & PE FOR PED ACCESS ACROSS DAATR		
			FROM: WOLF TRAP NATIONAL PARK ENTRANCE TO: ROUTE 675 (BEULAH ROAD) (0.7500 MI)		
Secondary	102190	Fairfax County	TRAP ROAD (0676)		\$60,000
			RTE 676 - PEDESTRIAN ACCESS ACROSS DAATR		
			FROM: WOLF TRAP NATIONAL PARK ENTRANCE TO: ROUTE 675 (BEULAH ROAD) (0.7500 MI)		
Secondary	102105	Fairfax County	WALNEY ROAD (0657)		\$390,243
			WALNEY ROAD - RTE 657 - WIDEN TO 4 LANES		
			FROM: 0.311Mi S. Rte 6215 (Willard Road) TO: Int. of Rte 6215 (Willard Road) (0.3110 MI)		

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Secondary	98281	Fairfax County	WALNEY ROAD (ROUTE 657) (0657) Install Traffic Signal at Int of Walney Rd. and Willard Rd. FROM: Willard Road (Route 6215) TO: Willard Road (Route 6215) All funding obligated based on current allocations/estimate		\$403,744
Secondary	103735	Fairfax County	WALNEY ROAD (ROUTE 657) (0657) Create new lane on exist RW @ NE cor Walney Rd & Dallas St FROM: Dallas Street (Route 745) TO: 249 ft north of Dallas St.		\$10,000
Secondary	98283	Fairfax County	WIEHLE AVENUE (ROUTE 828) (0828) Upgrade Existing Traffic Signal_Wiehle Av & Center Harbor Rd FROM: Center Harbor (Route 7410) TO: Center Harbor (Route 7410)		\$390,416
Secondary	100641	Loudoun County	CASCADES PARKWAY (1794) Install Signal and Redesign Intersection at Cascades Pkwy FROM: Cascades Parkway TO: Costco Plaza All funding obligated based on current allocations/estimate		\$378,200
Secondary	84358	Loudoun County	EVERGREEN MILLS ROAD (0621) Route 621- Intersection Improvements at Route 772 FROM: 0.17 Mi S. of Ryan Road (Route 772) TO: 0.21 Mi N. of Ryan Road (Route 772) (0.3788 MI)		\$4,294,051
Secondary	93568	Loudoun County	GUM SPRING ROAD (0659) Roadway improvements including align, lane, shldr, guardrail FROM: 0.06 Miles North of Cedar Ridge Blvd (Rte 2738) TO: 0.19 Miles North of Sweetwater Lane (0.7240 MI)		\$4,476,679
Secondary	95503	Loudoun County	PALISADE PARKWAY (1795) Install Traffic Signal at Palisade Pkwy and Southbank St FROM: Route 1795 TO: Southbank Street/ Sonoma Way Waiting Financial Closure		\$224,427
Secondary	100632	Loudoun County	RYAN ROAD (0772) Ryan Road Shared Use Path FROM: 0.161 Mi East of Belmont Ridge Road TO: 0.142 Mi West of Old Ryan Road (0.6380 MI)		\$906,355
Secondary	100646	Loudoun County	STERLING BLVD (RT 846) (0846) Modify Traffic Signal at Rte 846 and Rte 636 FROM: Sterling Blvd (Rt 846) TO: Shaw Rd (Rt 636)		\$65,198
Secondary	70736	Northern Virginia District-wide	HUNTINGTON AVE (1332) CONGESTION RELIEF PROJECT - HUNTINGTON METRO FROM: Intersection of Route 1332 (Huntington Avenue) TO: And Route 1346 (Fenwick Drive) Waiting financial closure		\$198,475
Secondary	71723	Prince William County	0641 RTE 641 - PROVIDE HANDICAP ACCESS FROM: East of Titania Way TO: Cricket Lane (0.9350 MI)		\$1,883,339
Secondary	81296	Prince William County	3000 RTE 3000 - CORRECT SUPERELEVATION FROM: OCCOQUAN RIVER TO: 1.02 MILE EAST OCCOQUAN RIVER (1.0200 MI)		\$1,332,722
Secondary	105285	Prince William County	ANTIETAM ROAD (0000) PRINCE WILLIAM COUNTY - SRTS - ANTIETAM - SIDEWALK FROM: OLD BRIDGE ROAD TO: WOODFERN COURT (0.4000 MI)		\$300,000

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC Jurisdiction / Name / Description	Street(Route)	Estimate
Secondary	71465	Prince William County ADD LTL ON RTE. 621, RTL ON RTE. 622, AND A TS. FROM: 0.17 Miles west of Rte. 622 TO: 0.12 Miles east of Rte. 622 (0.2900 MI)	BALLSFORD ROAD (0621)	\$4,519,547
Secondary	100702	Prince William County Add Exclusive Left Turn Lane (with physical separator) FROM: Dale Blvd (Rt 784) TO: Ashdale Plaza (Shopping Complex) All funding obligated based on current allocations/estimate	DALE BLVD (RT 784) (0784)	\$547,143
Secondary	86838	Prince William County Route 784 - Extend WB left turn lanes At Route 2480, Benita Fitzgerald Blvd. (0.1000 MI) All funding obligated based on current allocations/estimate	DALE BOULEVARD (0784)	\$563,600
Secondary	99403	Prince William County Improve Vertical Curve Alignment on Logmill Rd FROM: 1232 ft West of Parnell Court TO: 86 ft East of Meader Creek Lane (0.4290 MI)	LOGMILL ROAD (0701)	\$5,000,000
Secondary	96510	Prince William County Offset left turn lanes on Old Bridge Rd (Rte 641) at Harbor FROM: 0.101 Mile West of Harbor Drive (Rte 2101) TO: 0.093 Mile East of Harbor Drive (Rte 2101) (0.1940 MI)	OLD BRIDGE RD (0641)	\$1,464,709
Secondary	90517	Prince William County RTE 641 - CONSTRUCT SIDEWALK ON NORTH SIDE OF ROAD FROM: Cricket Lane (Rte 2217)/Dillingham Square TO: Mohican Road (0.7000 MI)	OLD BRIDGE ROAD (0641)	\$1,739,494
Secondary	93513	Prince William County Route 641 Old Bridge Road Vertical Alignment Improvements FROM: 0.199 miles West of Colby Drive TO: 0.013 miles East of Colby Drive (0.2120 MI)	OLD BRIDGE ROAD (0641)	\$798,928
Secondary	95835	Prince William County Upgrade Signal and Lighting at Elysian Dr FROM: 500 ft East of Elysain Dr TO: 500 ft West of Elysian Dr (0.2000 MI) LINK WITH UPC 81414,89866,91946,93000,94868,95837,95838	OLD BRIDGE ROAD (0641)	\$39,277
Secondary	95837	Prince William County Signal Upgrade and Lighting at SC 641 and SC 2116 FROM: Clipper Drive TO: 400 ft N and S of Clipper (0.2000 MI) LINK WITH UPC 81414,89866,91946,93000,94868,95835,95838. All funding obligated based on current allocations/estimate	OLD BRIDGE ROAD (0641)	\$444,987
Secondary	95838	Prince William County Upgrade SR 641 @ SR 906 Signal FROM: Occoquan Road TO: 400 ft north of Occoquan Rd	OLD BRIDGE ROAD (0641)	\$300,654
Secondary	98375	Prince William County SR 641 @ SR 2410 Springwoods_Extnd WB Left Ln Upgrade Signal FROM: 0.05 W. of SR 2410 Springwoods Road TO: 0.107 E. of SR 2410 Springwoods Road (0.1570 MI)	OLD BRIDGE ROAD SR 641 (0641)	\$1,097,800
Secondary	98377	Prince William County SR 641 @ SR 2220 Hedges Dr_Install Curb Ramp,Upgrade Sgnl FROM: 0.050Mi West of SR 2220 Hedges Run Dr TO: 0.056 Mi Ease of SR 2220 Hedges Run Dr (0.1060 MI)	OLD BRIDGE ROAD SR 641 (0641)	\$680,000

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Secondary	98379	Prince William County	OLD BRIDGE ROAD SR 641 (0641) SR 641@SR 2199 Mohican Dr_Const offset Lft Lns, Upgrade Sgnl FROM: 0.056 MI West of Mohican Road SR 2199 TO: 0.146 MI East of Mohican Road SR 2199 (0.2020 MI)		\$1,087,250
Secondary	98374	Prince William County	OLD BRRIDGE ROAD SR 641 (0641) SR 641 @ SR 2185 Antietam_Install Ped Xings & Move Bus Stop FROM: 0.04 West of SR 2185 Antietam Road TO: 0.052 Ease of SR 2185 Antietam Road (0.0920 MI)		\$385,000
Secondary	98284	Prince William County	OPTIZ BOULEVARD (ROUTE 2000) (2000) Upgrade Existing Traffic Signal at Opitz Blvd & Gideon Dr FROM: Gideon Drive (Route 2068) TO: Gideon Drive (Route 2068)		\$264,326
Secondary	100650	Prince William County	PANTHER PRIDE DRIVE (9341) Panther Pride Drive Sidewalk Construst FROM: 0.22 Mile West of Jefferson Hwy TO: 0.15 Mile West of Jefferson Hwy (0.0710 MI)		\$365,000
Secondary	96752	Prince William County	SIGNAL VIEW DRIVE (2590) Construct Shared Use Path on Eastside of Signal View Drive FROM: Roseberry Farm Drive TO: Manassas Drive		\$499,991
Secondary	98438	Prince William County	SR 1779 POTOMAC MILLS ROAD (1779) Upgrd Sgnl_Ped Xing @ SR 1779 Potomac Mill & SR 2068 Gideon FROM: SR 2068 Gideon Drive TO: SR 2068 Gideon Drive		\$320,351
Secondary	98378	Prince William County	SR 641 OLD BRIDGE ROAD (0641) SR 641 @ SR 2418 Westridge Dr_Upgrade Sgnl FROM: 0.05 MI West of SR 2418 Westridge Drive/Rockwood Lane TO: 0.05 MI East of SR 2418 Westridge Drive/Rockwood Lane (0.0990 MI)		\$479,386
Secondary	98380	Prince William County	SR 641OLD BRIDGE ROAD (0641) SR 641@SR 2000 Smoketown Rd_Upgrade Signal, Xing & ADA Ramps FROM: 0.055 Mi West of SR 2000 Smoketown Road TO: 0.081 Mi East of SR 2000 Smoketown Road (0.1360 MI) All funding obligated based on current allocations/estimate		\$571,000
Secondary	98371	Prince William County	SR 784 DALE BLVD (0784) Cnstr Offset Lft Lns,Upgrd Sgnl @ SR784 & SR 2053 Lindendale FROM: 0.108 Miles West of Lindendale Road/Quate Lane TO: 0.142 Miles Ease of Lindendale Road/Quate Lane (0.2500 MI)		\$1,802,406
Secondary	98372	Prince William County	SR 784 DALE BLVD (0784) Add Dual Lft Trns onto SR1954 from SR 784,Upgrd Sgnls FROM: 0.09 Miles West of Kaiser Court/Hillendale Road TO: 0.01 Miles East of Kaiser Court/Hillendale Road (_)		\$1,619,550
Secondary	98376	Prince William County	SR 784 DALE BLVD (0784) Upgrade Signal at SR 784 Dale & SR 2025 Delaney Rd FROM: 0.02 Miles West of SR 2025 Delaney Road TO: 0.02 Miles East of SR 2025 Delaney Road (0.4000 MI) All funding obligated based on current allocations/estimate		\$614,439
Secondary	98368	Prince William County	SR 784 DALE BOULEVARD (0784) Offset Lt Trn Lanes; modify/add signal phasing & lighting FROM: 0.14 Miles W of SR 2457 Cherrydale Dr on SR 784 TO: 0.13 Miles E of SR 2457 Cherrydale Dr/Barksdale St on SR 784 (0.2700 MI)		\$252,319

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Secondary	98370	Prince William County	SR 784 DALE BOULEVARD (0784)		\$623,008
			Upgrade Signal to Mast Arm & Add Ped Xing SR 784 & SR 1826		
			FROM: 0.035 Miles West of Forestdale Ave . TO: 0.019 Miles East of Forestdale Ave . (0.0540 MI)		
Secondary	97736	Prince William County	WASHINGTON STREET (0906)		\$338,217
			Town of Occoquan Pedestrian Safety Enhancement, VA		
			FROM: 0.03 mi North of Edgehill Drive (Mile Marker 1.7) TO: West Locust Street (Mile Marker 1.8) (0.0569 MI)		
Urban	79791	Alexandria	0000		\$550,000
			ALEXANDRIA BUS SHELTERS		
			VARIOUS LOCATIONS THRU OUT ALEXANDRIA		
Urban	79792	Alexandria	0007		\$764,202
			REBUILD KING STREET METRO PARKING LOT AND BUS LOADING AREA		
			FROM: AT KING STREET METRORAIL TO: STATION PARKING LOT & BUS LOADING AREA		
Urban	82842	Alexandria	CHAMBLISS STREET (U000)		\$750,000
			Holmes Run Trail Chambliss Crossing		
			FROM: Holmes Run Trail TO: Crossing Chambliss Street		
Urban	103633	Alexandria	CITYWIDE (0000)		\$298,341
			RIDESHARING ENHANCEMENTS		
			FROM: citywide TO: citywide		
			All funding obligated based on current allocations/estimate		
Urban	104023	Alexandria	CITYWIDE DASH BUSES (0000)		\$650,000
			Automatic Vehicle Location (AVL) System for DASH Buses		
			FROM: Citywide TO: Citywide		
			All funding obligated based on current allocations/estimate		
Urban	70599	Alexandria	DUKE STREET (0236)		\$810,126
			RTE 236 - CONGESTION RELIEF PROJECT		
			FROM: Dove Street TO: Walker Street (2.6500 MI)		
Urban	81077	Alexandria	DUKE STREET (0236)		\$810,000
			CITYWIDE SIDEWALK CONNECTIONS		
			FROM: Oasis Dr. (Western City Limits) TO: S. Walker St. (0.5500 MI)		
Urban	95657	Alexandria	DUKE STREET (0000)		\$842,089
			Duke Street Signal Upgrades with Ped Accommodations		
			FROM: S. Walker St. TO: N PAXton St. (0.6000 MI)		
Urban	79793	Alexandria	HOLMES RUN TRAIL (U000)		\$5,650,000
			HOLMES RUN BIKE TRAIL		
			FROM: RIPLEY STREET TO: HOLMES RUN PARKWAY		
Urban	8645	Alexandria	KING STREET (0007)		\$14,823,508
			RTE 7 - INTERSECTION IMPROVEMENTS AT BEAUREGARD		
			FROM: CHESTERFIELD ROAD TO: NORTH HAMPTON DRIVE (0.7000 MI)		
Urban	99712	Alexandria	KING STREET STATION		\$11,196,000
			King Street Station Pedestrian Tunnel		
			FROM: Duke Street TO: King Street		

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### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Urban	85380	Alexandria	SOUTH PICKETT STREET (0000)		\$120,000
			Pedestrian Improvements to Edsall Rd and S. Pickett St FROM: Intersection with TO: Edsall Road		
Urban	87185	Alexandria	SRTS		\$0
			ALEXANDRIA - SRTS - BARRETT AND MASON ES AND MISC CROSSINGS FROM: Area improvements near Barrett ES/Mason ES TO: Crossing improvements within 1/2 mile of any ES or MS Linked with UPCs: 81509,87200,87317,90190,90678,93169, 93211,93213,93393, 97188,97199,97200,97202,97203,97204,97205,97206,97207,97208,97209,97210,97214,97215, & 97217. All funding obligated based on current allocations/estimate		
Urban	82841	Alexandria	U000		\$5,361,659
			RIDESHARING ENHANCEMENTS and TDM IN ALEXANDRIA FROM: Citywide TO: Citywide		
Urban	85755	Alexandria	U000		\$210,264
			Old Cameron Run Shared Use Path Study Only FROM: Telegraph Road TO: Mount Vernon Trail All funding obligated based on current allocations/estimate		
Urban	79794	Alexandria	VARIOUS (U000)		\$2,626,558
			Dedicated Transit Corridors - Study Only FROM: CITY-WIDE TO: CITY-WIDE		
Urban	102943	Alexandria	VARIOUS (0000)		\$310,000
			PARKING TECHNOLOGIES FROM: Citywide TO: Citywide		
Urban	103932	Alexandria	VARIOUS (0000)		\$1,820,518
			ITS Integration Phase II FROM: Citywide TO: Citywide All funding obligated based on current allocations/estimate		
Urban	70580	Alexandria	VARIOUS ROUTES (U000)		\$3,148,160
			ITS INTEGRATION - including King/Braddock/Quaker inter ITS improvements City-wide traffic control devices		
Urban	85374	Alexandria	WILKES STREET (0000)		\$160,151
			Wilkes Street Bicycle Safety Improvements at Intersections FROM: Various TO: Various		
Urban	81517	Dumfries	MAIN STREET (0001)		\$2,600,000
			RTE 1 - IMPROVEMENTS TO MAIN STREET FROM: TEBBS LANE TO: CURTIS DRIVE/GRAHAM PARK ROAD		
Urban	104056	Dumfries	POSSUM POINT ROAD (9999)		\$619,000
			Possum Point Road Drainage Improvements FROM: U.S. 1 TO: Eastern Corporate Limits (1.6000 MI)		
Urban	16632	Fairfax	FAIRFAX BLVD (0029)		\$21,825,000
			Intersec & Drainage Impro At Fairfax Blvd (Rte 29/50 & 123) FROM: 0.266 mi. West of U.S. Rte 29/50 and Rte 123 Interse TO: 0.379 mi. Easet of U.S. RTe 29/50 and Rte 123 Inter. (0.9690 MI)		

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Urban	100389	Fairfax	FAIRFAX BLVD (0050) Incident Management Corridor Intersections Improvement Proj. FROM: Kamp Washington TO: Fairfax Circle		\$186,000
Urban	100462	Fairfax	FAIRFAX BOULEVARD (0050) Installation of Traffic Signal- Route 50 at Draper Drive FROM: Intersection of TO: Draper Drive		\$250,000
Urban	71614	Fairfax	LEE HIGHWAY (0029) City of Fairfax, Kamp Washington Intersection Improvements AT INTERSECTION OF ROUTES 29/50 & 236 (0.2800 MI)		\$8,527,853
Urban	100423	Fairfax	ROBERTS ROAD (0000) Roberts Road Sidewalk Improvements FROM: Main Street TO: Sager Road		\$550,000
Urban	96754	Fairfax	UNIVERSITY DRIVE (0000) University Drive - Streetscape FROM: Armstrong Street TO: School Street		\$613,753
Urban	82838	Fairfax	VARIOUS (U000) TRAFFIC SIGNAL CONTROLLER UPGRADES IN FAIRFAX CITY FROM: CITY-WIDE SIGNALS TO: CITY-WIDE SIGNALS All funding obligated based on current allocations/estimate		\$565,366
Urban	85378	Fairfax	VARIOUS (0000) Install Video Traffic Monitoring Cameras FROM: City-wide TO: City-wide		\$134,160
Urban	103038	Fairfax	VARIOUS (0000) Optimization of Traffic Signals in the City of Fairfax FROM: Citywide TO: Citywide		\$237,134
Urban	84554	Falls Church	CITY WIDE (0000) Traffic Signal Management System FROM: Various Locations TO: Various Locations		\$468,212
Urban	104131	Falls Church	CITYWIDE (0000) Video Monitoring of Closed Loop System FROM: Citywide TO: Citywide		\$303,556
Urban	102554	Falls Church	NORTH WASHINGTON STREET (0029) INTERSECTION IMPROVEMENTS FROM: N. Washington Street TO: at Gresham Place All funding obligated based on current allocations/estimate		\$785,000
Urban	100689	Falls Church	ROOSEVELT STREET (0000) Add Ped Crossing at signalize intersection Roosevelt St FROM: Roosevelt Street TO: Roosevelt Boulevard		\$330,000
Urban	102555	Falls Church	SOUTH WASHINGTON STREET (0029) SOUTH WASHINGTON STREET RW IMPROVEMENTS FROM: Rosemary Lane TO: Annanadale Road		\$350,000

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Urban	102552	Falls Church	VARIOUS (0000)		\$270,399
			SIGNAL HEAD CONVERSION TO LED AND ADD PED SIGNALS		
			FROM: Various signals TO: citywide		
			All funding obligated based on current allocations/estimate		
Urban	98475	Herndon	0000		\$166,653
			Alt Fueled Vehicles - Dump Truck		
			All funding obligated based on current allocations/estimate		
Urban	50100	Herndon	EAST ELDEN STREET (U000)		\$22,455,583
			WIDEN E ELDEN ST FROM VAN BUREN ST TO FAIRFAX COUNTY PARKWAY		
			FROM: VAN BUREN STREET TO: ECL OF HERNDON (0.6000 MI)		
Urban	89889	Herndon	HERNDON PARKWAY (0606)		\$100,000
			Herndon Parkway Intersections		
			FROM: Town wide TO: Town wide		
			All funding obligated based on current allocations/estimate		
Urban	105284	Herndon	PARK AVENUE (0000)		\$497,696
			TOWN OF HERNDON - SRTS - HERNDON ES - SIDEWALKS, PED SIGNAL		
			FROM: VAN BUREN ST TO: GRANT ST (0.1000 MI)		
Urban	79812	Herndon	U000		\$345,194
			W & OD TRAIL CROSSING IMPROVEMENTS		
			FROM: Various Intersections TO: Various Intersections		
Urban	70603	Leesburg	0773		\$1,295,231
			RTE 773 - EDWARDS FERRY ROAD - CONGESTION MITIGATION PROJECT		
			FROM: INTERSECTION OF ROUTE 773 WITH ROUTE 15 TO: 0.02 MILE WEST OF INTERSECTION ON ROUTE 773 (0.2600 MI)		
Urban	94467	Leesburg	SOUTH KING STREET (0015)		\$1,025,000
			ARRA - ROW Phase for the Rte 15 Widening		
			FROM: South King Street TO: Greenway Drive		
			Linked with UPC: 95614. All funding obligated based on current allocations/estimate		
Urban	95614	Leesburg	SOUTH KING STREET (0015)		\$0
			ARRA-C ROW Phase for the Rte 15 Widening		
			FROM: Greenway Dr TO: Masons Ln (0.9000 MI)		
			Linked with UPC: 94467		
Urban	102904	Manassas	9999		\$181,000
			Vehicle Monitoring System		
Urban	100483	Manassas	GRANT AVENUE (0234)		\$0
			Variable Messaging Boards		
			FROM: ECL TO: WCL		
			All funding obligated based on current allocations/estimate		
Urban	100473	Manassas	RTE. 234 (0234)		\$1,043,515
			Traffic Signal Improvements		
			FROM: Dumfries Rd./Hastings Dr. Grant/Byrd-Bartow TO: Hastings Dr./Battlefield Dr.		

## Northern Virginia MPO

### Construction : Safety/ITS/Operational Improvements

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Urban	96719	Manassas	SUDLEY ROAD (0234)		\$418,000
			Signal Improvements & Synchronization -Manassas		
			FROM: North Corporate limit TO: Digges Road (0.7800 MI)		
Urban	82843	Manassas	U000		\$390,848
			MANASSAS INCIDENT MANAGEMENT VARIABLE MESSAGE BOARDS		
			NEW FY07 RSTP PROJECT		
Urban	76683	Manassas Park	MANASSAS DRIVE (U000)		\$2,329,650
			INTERSECTION IMPROVEMENTS ON MANASSAS DRIVE		
			AT EUCLID AVENUE		
Urban	94613	Manassas Park	MANASSAS DRIVE (0000)		\$300,000
			ARRA - ROW Phase - Intersection Improvements on Manassas Dr.		
			at Euclid Ave		
			All funding obligated based on current allocations/estimate		
Urban	77170	Purcellville	0007		\$1,130,000
			Purcellville - North 21st St Sidewalk Improv		
			FROM: 100' Southeast of Branbury Glen Court TO: 100' Northwest of N 23rd Street (0.2800 MI)		
			All funding obligated based on current allocations/estimate		
Urban	70578	Purcellville	MAIN STREET (0007)		\$10,188,000
			INTERSECTION IMPROVEMENTS @ MAIN ST & MAPLE AVE-PURCELLVILLE		
			At the intersection of Main Street and Maple Avenue		
Urban	105283	Vienna	COTTAGE ST (0000)		\$241,500
			TOWN OF VIENNA - SRTS - VIENNA ES - SIDEWALKS, XWALKS, ADA		
			FROM: LOCUST ST TO: MOORE ST (0.4000 MI)		
Urban	16634	Vienna	COTTAGE STREET (6925)		\$2,472,226
			COTTAGE STREET RECONSTRUCTION, TOWN OF VIENNA		
			FROM: WALKER STREET TO: PATRICK STREET (0.3250 MI)		
			All funding obligated based on current allocations/estimate		
Urban	77402	Vienna	MAPLE AVENUE (0123)		\$1,167,475
			RTE 123 - MAPLE AVENUE IMPROVEMENTS		
			FROM: Lawyers Road TO: Western Town Limit (0.6400 MI)		
Urban	103851	Vienna	MAPLE AVENUE (0123)		\$621,000
			Maple Avenue Streetscape Improvements PH II		
			FROM: Lawyers Road TO: Western Town Limit (0.6400 MI)		
Urban	103858	Vienna	NUTLEY STREET (0243)		\$519,000
			Traffic Signal Reconstruction - Nutley Street		
			FROM: at Courthouse Road TO: at Courthouse Road		
Urban	95412	Vienna	VARIOUS (0000)		\$226,253
			Design Signal Equipment (PE Only)		
			FROM: Various TO: Various		
			All funding obligated based on current allocations/estimate		
Construction : Safety/ITS/Operational Improvements Total					\$798,107,234

## Northern Virginia MPO

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

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Enhancement	97836	Arlington County	0110 Construction of a paved multi-use trail along Rte. 110 FROM: NORTH PENTAGON PARKING LOT TO: Memorial Bridge		\$572,500
Enhancement	94683	Fairfax County	GUNSTON ROAD (0242) Mason Neck Trail - C502 Phase II construction of the trail FROM: Entrance to Pohick Bay Drive (Rte. 721) TO: 300 ft. west of entrance to Gunston Hall Plantation (0.4000 MI) LINK WITH 50111,103305		\$0
Enhancement	70318	Fairfax County	COLUMBIA PIKE STREETSCAPE (0244) COLUMBIA PIKE/JOHN MARR DRIVE STREETSCAPING FROM: Backlick Road (Rte 617) TO: John Marr Dr. (Rte 2948) (0.4000 MI)		\$461,250
Enhancement	103594	Fairfax County	OLD DOMINION DRIVE (0309) McLean Gateway on Old Dominion Drive FROM: Old Dominion Drive TO: 500 ft. east of Longfellow St (Rte 1809) (0.1000 MI)		\$150,000
Enhancement	15156	Arlington County	BPT1 FOUR MILE RUN TRAIL-SURVEY, ENGINEERING, FINAL PLAN & PERMIT FROM: PREPARATION & RW ACQUISITION FOR A 0.5 MILE LONG BICYCLE/ TO: PEDESTRIAN TRAIL W/ GRADE SEPARATED CROSSING OF I-395 (0.5000 MI) Waiting Financial Closure		\$345,684
Enhancement	103275	Occoquan	EN00 Occoquan Riverfront Access Extension FROM: Riverfront Boardwalk and TO: Floating Docks		\$0
Enhancement	60035	Alexandria	EISENHOWER AVE. (EN01) IMPROVEMENTS AND EXPANSION OF EISENHOWER AVE MULTI-USE TRAIL FROM: CITY OF ALEXANDRIA DEPARTMENT OF RECREATION, PARKS AND TO: CULTURAL ACTIVITIES		\$144,773
Enhancement	94586	Alexandria	EN01 ARRA - Eisenhower Avenue Trail - Phase 1A / C502 FROM: South side of Eisenhower Avenue / under bridge TO: To North side of Eisenhower Avenue Waiting Financial Closure		\$750,000
Enhancement	95558	Alexandria	EN01 ARRA-C - Eisenhower Avenue Trail - Phase 1A / C502 FROM: Southside of Eisenhower Avenue/under bridge TO: Northside of Eisenhower Avenue		\$0
Enhancement	90353	Quantico	EN01 Potomac Avenue streetscape improvements FROM: Potomac Avenue TO: Potomac Avenue All funding obligated based on current allocations/estimate		\$0
Enhancement	63584	Loudoun County	EN02 LOUDOUN COUNTY - OATLANDS SCENIC VISTAS ACQUISITION OF SCENIC VISTAS ADJACENT TO OATLANDS PLANTATION		\$250,000
Enhancement	94590	Herndon	EN03 ARRA - Herndon Streetscape Utility Relocation Waiting Financial Closure		\$960,000

## Northern Virginia MPO

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

	System	UPC Jurisdiction / Name / Description	Street(Route)	Estimate
Enhancement	75274	Arlington County	MEADE ST. (EN04) MEADE STREET - ARLINGTON BLVD BRIDGE PEDESTRIAN IMPROVEMENTS FROM: Intx w/ Fairfax Dr. TO: U.S. Marine Corps Memorial (0.3000 MI)	\$110,594
Enhancement	78237	Arlington County	EN05 ARLINGTON METRO STATION BICYCLE PARKING FROM: INSTALLATION AND REPLACEMENT OF BICYCLE LOCKERS AT TO: VARIOUS METRO LOCATIONS	\$150,000
Enhancement	78239	Fairfax	EN05 HISTORIC BLENHEIM ESTATE - City of Fairfax FROM: PRESERVATION, REHABILITATION AND CONVERSION OF THE TO: HISTORIC BLENHEIM ESTATE	\$157,560
Enhancement	78240	Loudoun County	EN05 LOUDOUN COUNTY - E. E. LAKES GENERAL STORE VISITOR CENTER FROM: REHABILITATION OF THE E. E. LAKES GENERAL STORE FOR USE AS TO: A VISITOR CENTER	\$500,000
Enhancement	81771	Prince William County	EN06 ARRA-C SEMPER FIDELIS MEMORIAL PARK TRAILS FROM: CONSTRUCTION OF PEDESTRIAN PATHWAYS AT THE NATIONAL TO: MUSEUM OF MARINE CORPS AND HERITAGE TRAIL (0.5000 MI) Link with UPC: 93206	\$0
Enhancement	81772	Prince William County	EN06 PRINCE WILLIAM COUNTY - SURVEY OF HISTORIC ROAD AT BUCKLAND FROM: ARCHAEOLOGY OF THE ROADS AND ROADHOUSES OF BUCKLAND, TO: INSTALLATION OF INTERPRETIVE MARKERS, LANDSCAPING & TRAILS	\$183,750
Enhancement	93206	Prince William County	EN06 ARRA - Semper Fidelis Memorial Park Trails Linked with UPC: 81771. Waiting financial closure	\$500,000
Enhancement	87450	Arlington County	EN07 Arlington County - Bicycle/Ped bridge over Four Mile Run FROM: Bicycle/Pedestrian Bridge over Four Mile Run TO: connecting Arlington Co. and City of Alexandria	\$500,000
Enhancement	91245	Loudoun County	VILLAGE OF WATERFORD (EN08) Stabilization of Mill structure & bldg access improvements	\$234,500
Enhancement	94286	Fairfax County	VARIOUS ROADS THROUGHOUT WEST CENTRAL FAIRFAX CO (EN09) Fairfax County Civil War Bicycle Tour FROM: NA TO: NA	\$130,000
Enhancement	94287	Fairfax County	EN09 Fairfax Lorton Cross County Trail FROM: Occoquan Regional Park TO: Laurel Hill Greenway	\$1,565,000
Enhancement	97837	Fairfax County	POHICK STREAM VALLEY TRAIL (EN10) Pohick Stream Valley Trail - Phase I FROM: Burke Lake Road (Rte 645) TO: Burke Rd (Rte 652) trail to Rolling Rd. VRE Station (0.8000 MI)	\$1,045,000
Enhancement	97838	Loudoun County	EN10 Landscaping along Va. Scenic Byways / Waterford "Old School"	\$88,750

## Northern Virginia MPO

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

	System	UPC Jurisdiction / Name / Description	Street(Route)	Estimate
Enhancement	103595	Arlington County Potomac Yard - Four Mile Run Trail Connection FROM: Potomac Yards TO: At Four Mile Run All funding obligated based on current allocations/estimate	EN12	\$250,000
Enhancement	103596	Loudoun County Gilbert's Corner - Aldie Battlefield Land Acquisition	EN12	\$1,590,000
Enhancement	103593	Vienna Vienna Train Station - Pedestrian Safety Improvements FROM: Historic Vienna Trail Station TO: Mill St. N.E.	AYR HILL DRIVE & DOMINION RD, N.E. (EN12)	\$415,000
Enhancement	105295	Arlington County ROSSLYN-BALLSTON CORRIDOR ACCESSIBILITY IMPROVEMENTS, PH 1 FROM: Various TO: Various	MULTIPLE STREETS (EN13)	\$225,000
Enhancement	105292	Fairfax MASON TO METRO BICYCLE ROUTE FROM: George Mason University TO: Vienna/Fairfax-GMU Metrorail Station	MULTIPLE STREETS (EN13)	\$50,000
Enhancement	105266	Fairfax County RESTON BIKESHARE INFRASTRUCTURE SUPPORT FROM: Multiple Locations in Reston TO: Multiple Locations in Reston	MULTIPLE LOCATIONS (EN13)	\$500,000
Enhancement	105243	Prince William County Powells Creek Ped. Footbridge and Sidewalk FROM: Route 1 at Powells Creek Boulevard TO: Route 1 just north of Powells Creek (0.1300 MI)	JEFFERSON DAVIS HIGHWAY (EN13)	\$710,000
Enhancement	13776	Arlington County COLUMBIA PIKE/PENTAGON TRAIL FROM: 1.2 MILE 8-FOOT WIDE BICYCLE & PEDESTRIAN PATHS UTILIZING TO: OFF-ROAD TRAILS, SIDE ROADS, & BOTH SIDES OF COLUMBIA PIKE	EN93	\$28,959
Enhancement	16087	Loudoun County MOUNT ZION CHURCH STABILIZATION FROM: PLAN, DESIGN & STABILIZE HISTORIC STRUCTURE, A LANDMARK TO: FOR BOTH FEDERAL & CONFEDERATE TROOPS DURING CIVIL WAR	EN95	\$466,500
Enhancement	17601	Lovettsville LOVETTSVILLE SHARED USE PATH FROM: 0.64 Miles South of Hammond Drive TO: Hammond Drive (0.6440 MI)	EN97	\$1,787,339
Enhancement	86354	Fairfax County McLean Streetscape - Phase II streetscape demonstration C502 LINK WITH UPC 50110	CHAIN BRIDGE ROAD (EN98)	\$0
Enhancement	103305	Fairfax County Mason Neck Trail - C503 Phase 2B FROM: Pohick Bay Drive, Rte 721 (Ent. Pohick Bay Reg Park) TO: Ent. to Pohick Bay Reg Park Golf Course (1.9000 MI) LINK WITH UPC'S 50111,94683	MASON NECK TRAIL, PHASE 2B (EN98)	\$0
Enhancement	52043	Prince William County PRINCE WILLIAM COUNTY - TURN THE MILL AROUND CAMPAIGN FROM: TO PRESERVE AND RESTORE THE STONE WALLS AND ENVIRONS OF TO: BEVERLEY MILL	EN99	\$747,000

## Northern Virginia MPO

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

	System	UPC Jurisdiction / Name / Description	Street(Route)	Estimate
Enhancement	94462	Prince William County Beverley Mill - C502 Site Improvements Waiting financial closure	EN99	\$0
Interstate	91084	Fairfax County Capital Beltway - TMP - Incident Management (IM) FROM: Capital Beltway - TMP - Incident Mgmt TO: Capital Beltway - TMP - Incident Mgmt LINK WITH UPC 68805,87771,91085,91086,91087	CAPITAL BELTWAY - TMP - INCIDENT MGMT (0495)	\$0
Interstate	91085	Fairfax County Capital Beltway - TMP - Transit FROM: Capital Beltway - TMP - Transit TO: Capital Beltway - TMP - Transit	CAPITAL BELTWAY - TMP - TRANSIT (0495)	\$0
Interstate	91086	Fairfax County Capital Beltway - TMP - Communications FROM: Capital Beltway - TMP - Communications TO: Capital Beltway - TMP - Communications	CAPITAL BELTWAY - TMP - COMMUNICATIONS (0495)	\$0
Interstate	91087	Fairfax County Capital Beltway - TMP - Local Network Operations - LNO FROM: Capital Beltway - TMP - Local Network Operations - LNO TO: Capital Beltway - TMP - Local Network Operations - LNO LINK WITH UPC 87771,91084,91085,91086	CAPITAL BELTWAY - TMP - LOCAL NETWORK OPERATIONS - (0495)	\$0
Miscellaneous	93578	Prince William County Install sidewalk and Ped Crossing on Prince William Pkwy FROM: 0.0371 MI.E OF Caton Hill Road Intersection-RTE 639 TO: 0.0174 MI.E OF Horner Corner Commuter Parking Lot (0.1980 MI)	PRINCE WILLIAM PKWY (3000)	\$309,916
Miscellaneous	99518	Arlington County Bikesharing Capital & Operations - Rosslyn-Ballston Corr. FROM: Various Locations TO: Clarendon Boulevard All funding obligated based on current allocations/estimate	WASHINGTON BOULEVARD (CBS0)	\$2,387,500
Miscellaneous	80434	Northern Virginia District-wide NORTHERN VA POTOMAC HERITAGE NATIONAL SCENIC TRAIL FY07 SAFETEA-LU EARMARK PROJECT	POTOMAC HERITAGE NATIONAL SCENIC TRAIL (SLEN)	\$895,564
Primary	96734	Dumfries Multi-modal Enhancements - Dumfries FROM: Route 234 TO: Mainstreet (0.4300 MI)	JEFFERSON DAVIS HIGHWAY (0001)	\$750,000
Primary	78241	Falls Church CITY OF FALLS CHURCH - STREETSCAPING FROM: STREETSCAPING ALONG WEST BROAD ST. FROM CHANEL TERRACE TO: TO LEE ST. AND FROM VA. AVE. TO PENNSYLVANIA AVE. (0.2500 MI)	BROAD STREET (0007)	\$231,250
Primary	56454	Loudoun County CONSTRUCTION OF 3.2 MILES OF MULTI-USE TRAIL FROM: Int. Rte 719 in Round Hill TO: Franklin Park (1.0100 MI)	LOUDOUN STREET EAST (0007)	\$1,801,500
Primary	102935	Loudoun County Route 7 Bicycle and Pedestrian Bridge FROM: South Side of Route 7 in Vicinity of Dulles Town Center TO: North Side of route 7 in vVicinity of Int. of Rte 7/Countrysi	LEESBURG PIKE (0007)	\$10,000,000

## Northern Virginia MPO

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

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Primary	70317	Arlington County	0050		\$687,500
			ARLINGTON BOULEVARD TRAIL IMPROVEMENTS		
			FROM: DESIGN A SHARED USE TRAIL BETWCOLUMBIEEN PERSHING & TO: PIKE AND IMPROVEMENTS TO ARLINGTON BOULEVARD TRAIL		
			All funding obligated based on current allocations/estimate		
Primary	58601	Fairfax County	0050		\$5,701,745
			RTE 50 - PEDESTRIAN IMPROVEMENTS		
			FROM: JAGUAR TRAIL TO: SEVEN CORNERS		
Primary	64766	Haymarket		WASHINGTON STREET (0055)	\$0
			Route 55 - Washington Street- Streetscape		
			FROM: MADISON STREET TO: 0.093 MILES EAST OF ST. PAUL DRIVE (0.2140 MI)		
			LINK WITH UPC 16637		
Primary	97735	Prince William County		WASHINGTON STREET (0055)	\$499,915
			Town of Haymarket Pedestrian Connections, VA		
			FROM: Town of Haymarket TO: Town of Haymarket		
Primary	58598	Arlington County	0110		\$400,000
			RTE 110 - SOUTH BIKE TRAIL		
			FROM: NORTH PENTAGON PARKING LOT TO: MEMORIAL BRIDGE		
			All funding obligated based on current allocations/estimate		
Primary	62146	Arlington County	0120		\$72,000
			RTE 120 -XWALKS,PED SIGNLS,REFUGE AREAS,RECONST CURB CORNERS		
			26TH STREET & GLEBE ROAD (Route120)		
			All funding obligated based on current allocations/estimate		
Primary	52041	Fairfax County		GEORGETOWN PIKE TRAIL (0193)	\$1,560,522
			Georgetown Pike Trail		
			FROM: Applewood Lane TO: Innsbruck Avenue (1.2500 MI)		
Primary	56453	Fairfax County		GEORGETOWN PIKE (0193)	\$460,082
			0.086 MI. GRADE, DRAIN, SURFACE TREAT.; PARKING LOT		
			FROM: Langley Forks Pull-off TO: ROUTE 123 DOLLY MADISON BLVD		
			All funding obligated based on current allocations/estimate		
Primary	60337	Fairfax County		GEORGETOWN PIKE (0193)	\$493,896
			RTE 193 - GEORGETOWN PIKE MULTI-USE STONE SURFACED TRL,		
			FROM: Falls Chase Court (Rte 10157) TO: Utterback Store Road (Rte 717) (0.3500 MI)		
Primary	93273	Loudoun County	0267		\$806,388
			Broadlands South/Moorefield Station Park & Ride Lease		
			FROM: Broadlands South/Moorefield Station TO: Broadlands South/Moorefield Station		
Primary	63577	Fairfax County		BEULAH ROAD (0675)	\$292,975
			FAIRFAX COUNTY-NORTHRN VIENNA TRAIL-"WALK ALONG BEULAH"-PH I		
			FROM: Meadowlark Road TO: Symphony Meadows Drive		
Primary	103262	Fairfax County	9999		\$520,000
			Tyson East Great Falls Sidewalk - CMAQ		
			FROM: Tysons TO: Reston		
			All funding obligated based on current allocations/estimate		

## Northern Virginia MPO

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

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Primary	103265	Fairfax County	9999	International Drive Greensboro Drive Sidewalk - CMAQ FROM: Tysons TO: Reston	\$344,158
Primary	103276	Fairfax County	9999	Tysons Blvd Galleria Drive Sidewalk - CMAQ FROM: Tysons TO: Reston	\$120,000
Primary	103280	Fairfax County	9999	Route 7 Route 123 North Sidewalk - CMAQ FROM: Tysons TO: Reston All funding obligated based on current allocations/estimate	\$500,000
Primary	103281	Fairfax County	9999	Route 7 Route 123 South Sidewalk - CMAQ FROM: Tysons TO: Reston All funding obligated based on current allocations/estimate	\$500,000
Primary	103282	Fairfax County	9999	Gosnell Road Old Courthouse Road Sidewalk - CMAQ FROM: Tysons TO: Reston	\$292,161
Primary	103283	Fairfax County	9999	Gosnell Road East Sidewalk - CMAQ FROM: Tysons TO: Reston All funding obligated based on current allocations/estimate	\$100,000
Primary	103284	Fairfax County	9999	Sunrise Valley Drive South - Soapstone - South Lakes - CMAQ FROM: Tysons TO: Reston	\$450,000
Primary	103285	Fairfax County	9999	Sunrise Vally Drive North - Soapstone - South Lakes - CMAQ FROM: Tysons TO: Reston	\$450,000
Primary	103286	Fairfax County	9999	Wiehle Ave Sunrise Valley Dr Station Entrance SW - CMAQ FROM: Tysons TO: Reston	\$120,000
Primary	103294	Fairfax County	9999	Wiehle Avenue - Issac Newton Square - CMAQ FROM: Tysons TO: Reston	\$100,000
Primary	104293	Fairfax County	VARIOUS ROADWAYS IN TYSONS (9999)	Tysons Metrorail Access Improvements FROM: Throughout rail corridor TO: Throughout rail corridor	\$6,595,350
Primary	63578	Fairfax County	EN02	CITY OF FAIRFAX - CROSS COUNTY TRAIL FROM: CONSTRUCTION OF THE CROSS COUNTY TRAIL FROM LAKE ACCONTINK TO: DAM TO HUNTER VILLAGE DRIVE	\$2,228,954
Primary	63583	Loudoun County	EN02	Landscaping along Sterling Boulevard FROM: LANDSCAPE IMPROVEMENTS TO: ALONG STERLING BLVD	\$237,500

## Northern Virginia MPO

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

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Primary	65680	Loudoun County	EN02		\$2,252,550
			WATERFORD'S HISTORIC DISTRICT		
			FROM: ACQUISITION OF PHILIP'S FARM PROPERTY AND CONSTRUCTION OF PULL-OFF	TO: AN INTERPRETIVE PULL-OFF	
Primary	78238	Fairfax County	EN05		\$262,500
			FAIRFAX COUNTY - COLUMBIA PIKE/RTE 7 STREETSCAPING		
			FROM: STREETSCAPE IMPROVEMENTS FROM COLUMBIA PIKE AND SEMINARY TO: ROAD ALONG THE COLUMBIA PIKE/RTE 7 RAMP		
Primary	81770	Fairfax County	ON MEADOWOOD SPECIAL RECREATION AREA LAND (EN06)		\$380,000
			FAIRFAX COUNTY - MASON NECK PULL-OFF & INFORMATIONAL KIOSK		
			FROM: E Side Gunston Rd (Rte 242) TO: Approx 0.25 mi S of Old Colchester Rd (Rte 611)		
Primary	81777	Northern Virginia District-wide	EN06		\$220,000
			NOVA REGIONAL COUNCIL - BICYCLE/PEDESTRIAN GUIDE		
			FOR CYCLISTS, PEDESTRIANS AND MOTORISTS		
Primary	50110	Fairfax County	EN98		\$1,464,000
			LANDSCAPING AND PLANNING		
			CHAIN BRIDGE ROAD		
			LINK WITH UPC 86354		
Primary	50111	Fairfax County	EN98		\$1,650,000
			3 MILE TRAIL		
			MASON NECK TRAIL		
			LINK WITH 94683,103305		
Public Transportation	103734	Alexandria	PURCHASE DASH BUSES (0000)		\$8,500,000
			Purchase DASH Buses		
			FROM: Purchase DASH Buses TO: Purchase DASH Buses		
Secondary	93146	Fairfax County	VARIOUS IN DULLES METRORAIL CORRIDOR (9999)		\$9,403,681
			Dulles Corridor Bicycle and Pedestrian Access - PE only		
			FROM: Reston TO: Tyson's		
Secondary	104294	Fairfax County	VARIOUS ROADWAYS (9999)		\$6,291,000
			Reston Metrorail Access Group		
			FROM: Reston Metro Station TO: Sunset Hills Road		
			All funding obligated based on current allocations/estimate		
Secondary	104344	Loudoun County	0000		\$150,000
			WESTERN LOUDOUN PARK & RIDE LOTS		
Secondary	102931	Prince William County	GIDEON DRIVE (2068)		\$1,758,467
			Gideon Drive Sidewalk		
			FROM: Dale Boulevard TO: 0.1 Mile S. of Opitz Boulevard (0.6977 MI)		
Secondary	100390	Prince William County	GLENKIRK ROAD (0675)		\$1,000,000
			Glenkirk Road Sidewalk Project		
			FROM: Sterling Point Dr. TO: Linton Hall Road		

## Northern Virginia MPO

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

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Secondary	102897	Prince William County	KETTLE RUN ROAD (0656)		\$2,455,414
			Kettle Run Road and Vint Hill Road Sidewalks		
			FROM: 0.19 Mi. S of Vint hill Road TO: Int. of Vint Hill Road (0.1900 MI)		
Secondary	99519	Prince William County	PRINCE WILLIAM COUNTY PARKWAY (3000)		\$375,000
			Lease Commuter Parking Spaces-Potomac Mills/Woodbridge Area		
			FROM: I-95 - Shirley Highway TO: Rte. 642		
Urban	96725	Alexandria	0007		\$280,000
			Bike racks on buses		
			FROM: Bike Racks on DASH Buses TO: Citywide		
Urban	100421	Alexandria	BRADDOCK ROAD (0000)		\$1,150,000
			Braddock Road Metro Multi-modal Connections		
			FROM: At Braddock Road Metro Station TO: At Braddock Road Metro Station		
Urban	103744	Alexandria	CITYWIDE (0000)		\$449,990
			Bicycle Sharing Initiative - FY'13 & '14		
			FROM: Citywide TO: Citywide		
			All funding obligated based on current allocations/estimate		
Urban	100466	Alexandria	GEORGE WASHINGTON PARKWAY (0001)		\$250,000
			Bike Share Stations at Major Transit Stops		
			FROM: NCL of Alexandria TO: SCL of Alexandria		
			All funding obligated based on current allocations/estimate		
Urban	103457	Alexandria	METRORAIL STATIONS (0000)		\$130,000
			Bicycle Parking at Metrorail Stations		
			FROM: Braddock Road Station TO: King Street Stations		
Urban	100422	Alexandria	MT. VERNON TRAIL (0001)		\$500,000
			Rebuilding Mt. Vernon Trail parallel to Abingdon Dr.		
			FROM: Slaters Lane TO: Abingdon Dr.		
Urban	103560	Alexandria	VARIOUS (0000)		\$75,000
			Bicycle Parking at Metrorail Stations		
			FROM: Metrorail Station TO: Metrorail Station		
Urban	103561	Alexandria	VARIOUS (0000)		\$175,000
			Bike Share Stations at Metrorail Stations		
			FROM: Metrorail Stations TO: Metrorail Stations		
Urban	104295	Fairfax	CHAIN BRIDGE ROAD (0123)		\$2,000,000
			RTE 123 - CHAIN BRIDGE RD PED & DRAINAGE IMPROVEMENTS		
			FROM: North Street TO: Kenmore Drive (0.2400 MI)		
Urban	100475	Fairfax	FAIRFAX BOULEVARD (0050)		\$1,725,645
			Reconstruction of Route 50		
			FROM: Rebel Run Road TO: Fairfax Circle (0.6500 MI)		
Urban	102553	Falls Church	NORTH WASHINGTON STREET (0029)		\$350,000
			NORTH WASHINGTON STREET STREETSCAPE		
			FROM: Broad Street TO: City Limits		
			All funding obligated based on current allocations/estimate		

## Northern Virginia MPO

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

	System	UPC Jurisdiction / Name / Description	Street(Route)	Estimate
Urban	103632	Falls Church Roosevelt Street Sidewalk Improvements FROM: Roosevelt Blvd TO: Tuckahoe St	ROOSEVELT STREET (0000)	\$300,000
Urban	102630	Falls Church PEDESTRIAN AND BICYCLE IMPROVEMENTS Citywide	VARIOUS (9999)	\$0
Urban	70321	Herndon HISTORIC HERNDON REVITALIZATION FROM: STREETSCAPING AND PEDESTRIAN/BIKE IMPROVEMENTS WITHIN TO: THE TOWN HALL SQUARE	EN03	\$3,038,750
Urban	104328	Herndon HERNDON METRORAIL INTERMODAL ACCESS IMPROVEMENTS FROM: Van Buren Street TO: 1.0 Mi. East of Van Buren Street (1.0000 MI)	HERNDON PARKWAY (U000)	\$1,500,000
Urban	81773	Leesburg TOWN OF LEESBURG - REPLACEMENT OF WOOD/METAL STREETLIGHTS Downtown Leesburg	VARIOUS LOCATIONS (EN06)	\$2,398,900
Urban	102675	Manassas Route 28 Overpass Landscaping FROM: 0.252 MILE WEST ROUTE 674 (WELLINGTON ROAD) TO: 0.251 MILE EAST ROUTE 674 (WELLINGTON ROAD) (0.5030 MI) All funding obligated based on current allocations/estimate	NOKESVILLE ROAD (0028)	\$141,453
Urban	81774	Purcellville TOWN OF PURCELLVILLE - STREETSCAPING IMPROVEMENTS FROM: Business Route 7 (Main Street) TO: Int. North 21st Street (0.1300 MI)	NORTH 23RD STREET (EN06)	\$3,328,700
Urban	104907	Vienna WALK TO DOWNTOWN - BEULAH ROAD FROM: CHURCH STREET TO: 0.04 MI. SE OF CHURCH STREET	BEULAH ROAD (0000)	\$74,877
Urban	104325	Vienna SIDEWALKS TO METRORAIL - COURTHOUSE ROAD FROM: 0.03 MI. W OF MOOREFIELD RD TO: NUTLEY STREET (0.1000 MI)	COURTHOUSE ROAD (0000)	\$226,500
Urban	96717	Vienna Walk to Downtown Initiative FROM: Maple Avenue TO: Church Street	EAST STREET (0000)	\$119,160
Urban	104370	Vienna OLD COURTHOUSE ROAD NW IMPROVEMENTS FROM: FAIRWAY DRIVE TO: TOWN LIMITS	OLD COURTHOUSE ROAD NW (0000)	\$550,000
Urban	104326	Vienna SIDEWALKS TO METRORAIL - TAPAWINGO RD SW & COTTAGE ST FROM: WARE STREET SW TO: PLUM STREET SW (0.5850 MI)	TAPAWINGO RD AND COTTAGE ST (0000)	\$945,400

**Northern Virginia MPO**

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

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Urban	100428	Vienna	VARIOUS (0243)		\$642,510
			Sidewalks to METRORAIL - Town of Vienna		
			FROM: Within One Mile TO: of Vienna Metrorail Station		

Construction : Transportation Enhancement/Byway/Non-Traditional Total \$111,992,532

**Maintenance : Preventive Maintenance and System Preservation**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T14719	Northern Virginia District-wide	0000		\$0
			STIP-MN NOVA: Preventive MN and System Preservation		

Maintenance : Preventive Maintenance and System Preservation Total \$0

**Maintenance : Preventive Maintenance for Bridges**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T14718	Northern Virginia District-wide	0000		\$0
			STIP-MN NOVA: Preventive MN for Bridges		

Maintenance : Preventive Maintenance for Bridges Total \$0

**Maintenance : Traffic and Safety Operations**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	T14717	Northern Virginia District-wide	0000		\$0
			STIP-MN NOVA: Traffic and Safety Operations		

Maintenance : Traffic and Safety Operations Total \$0

**Transit : Access**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Primary	T8523	Prince William County	0028		\$22,500,000
			VRE Broad Run Parking Garage		
			FROM: Broad Run VRE Station TO: Broad Run VRE Station		

Transit : Access Total \$22,500,000

**Transit : Amenities**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Primary	97678	Loudoun County	DULLES GREENWAY (0267)		\$1,733,211
			Canopy for Dulles North Transit Center Rider Queuing Area		
			FROM: At Dulles North Transit Center TO: Interchange of Dulles Greenway and Rte 606 Old Ox Road		
			All funding obligated based on current allocations/esimate		
Public Transportation	T207	Fairfax County	0000		\$2,200,000
			Springfield Mall Transit Store		
			FROM: Transit Store Facilities TO: Transit Store Facilities		

**Northern Virginia MPO**

**Transit : Amenities**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Public Transportation	50007	Fairfax County	RTE 0050 (0050)		\$1,510,539
			SEVEN CORNERS TRANSIT TRANSFER CENTER		
			FROM: SEVEN CORNERS TO: SEVEN CORNERS		
Public Transportation	T1838	Arlington County	9999		\$0
			Arlington - Clarendon and Crystal City Canopies		
Rail	T8522	Fairfax County	0001		\$3,920,000
			VRE Lorton Platform Extension		
			FROM: Lorton VRE Station TO: Lorton VRE Station		
<b>Transit : Amenities Total</b>					<b>\$9,363,750</b>

**Transit : Engineering**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Urban	100492	Alexandria	KING STREET (0007)		\$500,000
			Transit Analysis Study		
			FROM: Braddock Road TO: George Washington Parkway		
<b>Transit : Engineering Total</b>					<b>\$500,000</b>

**Transit : Ridesharing**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Public Transportation	T100	Arlington County	DRPT		\$19,230,351
			Commuter Assistance Program		
			Commuter Assistance Program		
Public Transportation	T1833	Northern Virginia District-wide	PRTC		\$1,200,000
			PRTC Commuter Assistance Program		
			PRTC Commuter Assistance Program		
<b>Transit : Ridesharing Total</b>					<b>\$20,430,351</b>

**Transit : Vehicles**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Miscellaneous	12878	Multi-jurisdictional: Northern Virginia MPO			\$16,358,667
			WMATA REPLACEMENT BUSES		
			FROM: WMATA - REPLACEMENT BUSES TO: NORTHERN VIRGINIA DISTRICT		
Miscellaneous	T158	Prince William County	DRPT		\$4,700,000
			Bus Replacement (OmniRide Express Commuter Buses)		

**Northern Virginia MPO**

**Transit : Vehicles**

	System	UPC	Jurisdiction / Name / Description	Street(Route)	Estimate
Urban	98899	Alexandria	PURCHASE BUSES FOR DASH (0000)		\$6,500,000
			Purchase Buses - Federal		
			FROM: Purchase Buses for DASH TO: Purchase Buses for DASH		
			All funding obligated based on current obligations/estimate		
<b>Transit : Vehicles Total</b>					<b>\$27,558,667</b>

**Northern Virginia MPO Total** **\$1,313,344,697**

**Table 3A  
VIRGINIA  
FY 2013-2018 TRANSPORTATION IMPROVEMENT PROGRAM  
Financial Summary by Funding Source (in \$ Millions)**

May 15, 2014

Source	2013		2014		2015-2016		2017-2018		2013-2018
	Federal	Total	Federal	Total	Federal	Total	Federal	Total	Total
<b>Title I - FHWA</b>									
American Recovery and Reinvestment Act					0.262	0.262			<b>0.26</b>
Bridge Replacement and Rehabilitation Program	46.27	57.82	58.49	72.93	58.38	72.47	2.53	2.79	<b>206.00</b>
Congestion Mitigation and Air Quality Improvement Program	4.27	5.33	10.74	13.43	81.66	99.94	5.7856104	7.145138	<b>125.85</b>
Demonstration Funding			6.64	7.48	84.85	100.05			<b>107.53</b>
Earmark	12.83	16.04	2.15	2.69					<b>18.73</b>
Equity Balance/Minimum Guarantee	47.49	50.23	8.59	10.74	58.07	63.36	0.10285	0.121	<b>124.45</b>
Federal Lands Transportation Program			2.66	2.66	2.42	2.42			<b>5.07</b>
High Priority (Demonstration)					1.53	1.92			<b>1.92</b>
Interstate Maintenance	31.95	32.10			67.83	71.93			<b>104.03</b>
National Highway Performance Program			0.13	0.13	45.87	51.60			<b>51.72</b>
National Highway System	57.02	60.48	10.81	13.51	134.11	141.63			<b>215.61</b>
Regional Surface Transportation Program	14.58	18.23	16.50	20.62	125.49	154.27	12.87	15.99	<b>209.10</b>
State Urban Funding Flexed to FTA Projects	0.80	1.00			14.92	18.66			<b>19.66</b>
Surface Transportation Program	55.69	61.22	21.63	27.04	131.42	142.49	45.47	52.16	<b>282.90</b>
Enhancements (STP)					16.62	18.04	5.99	5.99	<b>24.03</b>
Hazard Elimination Safety Improvement Prog (STP)	0.88	1.11			2.29	2.55			<b>3.65</b>
Highway Safety Improvement Program (STP)	3.35	3.73	0.69	0.77	38.78	39.75			<b>44.25</b>
Minimum Guarantee (STP)					1.52	1.90			<b>1.90</b>
<i>Title I - FHWA Total:</i>	<b>275.13</b>	<b>307.28</b>	<b>139.02</b>	<b>171.98</b>	<b>866.02</b>	<b>983.22</b>	<b>72.75</b>	<b>84.19</b>	<b>1,546.66</b>
<b>Title III - FTA</b>									
ARRA/TIGER	0.03	0.03							<b>0.03</b>
ARRA/Section 5309 - New Starts			96.00	96.00	24.90	24.90			<b>120.90</b>
Section 5307 - Urbanized Area Formula Pogram	10.23	12.79	9.38	11.72	24.28	30.35	23.35	29.19	<b>84.05</b>
Section 5309 - Bus	6.84	8.55							<b>8.55</b>
Section 5309 - Capital Program	3.46	4.20	3.85	4.81	8.79	10.99	3.77	4.71	<b>24.71</b>
Section 5309 - Fixed Guideway	4.11	5.14							<b>5.14</b>
Section 5309 - New Starts	90.73	90.73							<b>90.73</b>
Section 5310	0.16	0.20	0.16	0.20	0.12	0.15			<b>0.55</b>
Section 5339 - Alternatives Analysis Funding			0.80	1.00					<b>1.00</b>
State of Good Repair Grant Funds			15.35	19.19	8.30	10.37	4.60	5.75	<b>35.32</b>
<i>Title III - FTA Total:</i>	<b>115.56</b>	<b>121.63</b>	<b>125.54</b>	<b>132.92</b>	<b>66.38</b>	<b>76.75</b>	<b>31.72</b>	<b>39.66</b>	<b>370.96</b>
<b>State/Local Funds</b>									
Bond		33.39		36.16					<b>69.55</b>
Local Funds		496.87		637.97		1,199.36		618.49	<b>2,952.69</b>
State Funds		150.50		101.95		200.10		2.92	<b>455.47</b>
State/Local Funds		4.00		1.00				1.00	<b>6.00</b>
<i>State/Local Total:</i>		<b>684.76</b>		<b>777.08</b>		<b>1,399.46</b>		<b>622.41</b>	<b>3,483.70</b>
<b>Other Funds</b>									
Advanced Construction	65.06	75.87	135.85	136.92	840.53	890.74	40.61	47.16	<b>1,150.69</b>
Advanced Construction Conversion	101.36	116.42	112.59	123.88	1,977.11	1,997.73	43.22	48.37	<b>2,286.40</b>
Private Developer		592.15		0.35					<b>592.50</b>
Revenue Sharing		15.34			0.09	0.18			<b>15.52</b>
<i>Other Total:</i>	<b>166.42</b>	<b>799.78</b>	<b>248.43</b>	<b>261.15</b>	<b>2,817.72</b>	<b>2,888.64</b>	<b>83.83</b>	<b>95.53</b>	<b>4,045.10</b>
<i>Virginia Total:</i>	<b>557.10</b>	<b>1,913.44</b>	<b>512.99</b>	<b>613.43.12</b>	<b>3,750.13</b>	<b>5,348.08</b>	<b>188.30</b>	<b>841.78</b>	<b>9,446.42</b>

**Table 3B  
VIRGINIA  
FY 2013-2018 TRANSPORTATION IMPROVEMENT PROGRAM  
Financial Summary (in Millions of Dollars)**

Project Type	2013		2014		2015-2016		2017-2018		2013-2018	
	Federal	Total	Federal	Total	Federal	Total	Federal	Total	Federal	Total
Interstate	125.85	737.55	135.61	149.15	2,247.84	2,302.48	15.27	15.27	2,524.56	3,204.45
Primary	32.24	38.92	21.32	28.07	349.48	372.96	6.00	7.50	409.05	447.45
Secondary	13.13	61.61	111.73	148.25	222.27	227.18	2.80	6.42	349.92	443.46
Urban	1.02	1.26	2.50	3.82	8.56	10.31	2.80	4.44	14.88	19.82
Bridge	49.67	62.09	68.40	84.16	120.16	140.08	42.08	48.27	280.32	334.61
<b>Surface Transportation:</b>	<b>221.91</b>	<b>901.44</b>	<b>339.56</b>	<b>413.45</b>	<b>2,948.30</b>	<b>3,053.01</b>	<b>68.95</b>	<b>81.89</b>	<b>3,578.72</b>	<b>4,449.79</b>
<b>Transit:</b>	<b>129.25</b>	<b>787.66</b>	<b>138.69</b>	<b>885.44</b>	<b>266.10</b>	<b>1,709.36</b>	<b>92.38</b>	<b>731.49</b>	<b>626.43</b>	<b>4,113.95</b>
<b>Bike/Ped:</b>	<b>0.00</b>	<b>0.00</b>	<b>0.21</b>	<b>0.21</b>	<b>4.49</b>	<b>5.71</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
CMAQ	0.00	0.00	0.00	0.00	67.49	72.02	0.00	0.00		
Enhancement	1.38	5.41		1.43	24.15	29.25	1.92	2.25	27.45	38.34
Federal Lands					0.49	0.49				
ITS	21.31	26.64	21.84	27.30	35.15	40.84	3.86	3.86	82.16	98.64
Maintenance	144.09	144.11	1.66	2.08	203.70	203.70	14.89	14.89	364.34	364.77
Other	39.16	48.19	11.04	13.21	200.26	233.70	6.30	7.40	256.76	302.51
<b>Enhancements, ITS, Maintenance and Other:</b>	<b>205.94</b>	<b>224.35</b>	<b>34.54</b>	<b>44.02</b>	<b>531.24</b>	<b>580.00</b>	<b>26.97</b>	<b>28.40</b>	<b>798.69</b>	<b>876.76</b>
<b>Total Funds:</b>	<b>557.10</b>	<b>1,913.44</b>	<b>512.99</b>	<b>1,343.12</b>	<b>3,750.13</b>	<b>5,348.08</b>	<b>188.30</b>	<b>841.78</b>	<b>5,008.53</b>	<b>9,446.42</b>

**ITEM 8 - Action**  
May 21, 2014

Briefing on and Approval of Recommended Projects for Funding under the MAP-21 Transportation Alternatives Program for FY 2015 in Northern Virginia

**Staff**

- Recommendation:**
- Receive briefing on the projects recommended by a technical review committee for funding as part of the FY 2015 TAP project solicitation conducted by the Virginia Department of Transportation
  - Adopt Resolution R17-2014 to approve projects for funding under the Virginia MAP-21 Transportation Alternatives Program for FY 2015.

**Issues:** None

**Background:** A portion of Virginia MAP-21 Transportation Alternatives Program (TAP) funds is sub-allocated to the TPB for projects in Northern Virginia.



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

**RESOLUTION TO APPROVE PROJECTS FOR FUNDING UNDER THE  
TRANSPORTATION ALTERNATIVES PROGRAM FOR FY 2015 IN  
NORTHERN VIRGINIA**

**WHEREAS**, the National Capital Region Transportation Planning Board (TPB), the metropolitan planning organization (MPO) for the Washington Region, has the responsibility under the provisions of the Moving Ahead for Progress in the 21<sup>st</sup> Century Act (MAP- 21) for developing and carrying out a continuing, cooperative and comprehensive transportation planning process for the Metropolitan Area; and

**WHEREAS**, under MAP-21's Transportation Alternatives (TA) Program of the Federal Highway Administration (FHWA), a portion of funding based on the relative share of the total State population is sub-allocated to large urbanized areas and "the MPO, through a competitive process, selects the TA Program projects in consultation with the State"; and

**WHEREAS**, the TA Program provides funding for programs and projects defined as transportation alternatives, including on- and off-road pedestrian and bicycle facilities, infrastructure projects for improving non-driver access to public transportation and enhanced mobility, community improvement activities, and environmental mitigation; recreational trail program projects; safe routes to school projects; and projects for planning, designing, or constructing boulevards and other roadways largely in the right-of-way of former Interstate System routes or other divided highways; and

**WHEREAS**, the TA Program offers an opportunity to fund regional priorities and complement regional planning activities such as the Regional Transportation Priorities Plan for the National Capital Region, and will be a complementary component of the TPB's Transportation/Land-Use Connections (TLC) Program, which provides technical assistance for small planning studies to TPB member jurisdictions; and

**WHEREAS**, at the TPB meetings in November and December 2012, TPB staff briefed the TPB on a proposed approach for establishing a regional program for project selection using sub-allocated funding, which included using a technical review committee of industry experts and representatives from the state departments of transportation to review applications for readiness, eligibility, and how the funding requests respond to regional selection criteria; and

**WHEREAS**, a solicitation for TA Program projects was conducted by the Virginia Department of Transportation from August 1 through November 1, 2013; and

**WHEREAS**, the TA Program technical review committee, with input from VDOT and TPB Staff, recommended fully or partially funding all of the applications received based on project readiness and eligibility and each project's ability to meet the regional selection criteria; and

**WHEREAS**, on May 2, 2014, the TPB Technical Committee was briefed on the recommended projects;

**NOW, THEREFORE, BE IT RESOLVED THAT** the NATIONAL CAPITAL REGION TRANSPORTATION PLANNING BOARD approves the projects for funding under the Transportation Alternatives Program for FY 2015 in Northern Virginia as described in the attached materials.



# NATIONAL CAPITAL REGION

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## TRANSPORTATION PLANNING BOARD

Item 8

### MEMORANDUM

TO: Transportation Planning Board

FROM: Sarah Crawford, Transportation Planner

SUBJECT: Proposed Projects for Funding under the MAP-21 Transportation Alternatives Program for FY 2015 in Northern Virginia

DATE: May 21, 2014

This memo summarizes the process used to select projects for the FY 2015 regional Transportation Alternatives Program for Northern Virginia, the projects recommended for funding, and next steps for this regional program. The TPB is asked to approve Resolution R17-2014 to provide funding for projects for the regional sub-allocated program funds under the Transportation Alternatives Program of the Federal Highway Administration for FY 2015 in Northern Virginia.

### Background

The Transportation Alternatives (TA) Program is a formula program under MAP-21 that provides funding to projects considered “alternatives” to traditional highway construction. The TA Program combines three former federal programs: Transportation Enhancements (TE), Safe Routes to Schools (SRTS), and Recreational Trails (RTP). Eligible recipients include local governments, regional transportation authorities, transit agencies, natural resource or public land agencies, school districts and agencies, and other appropriate local or regional governmental entities.

One of the key differences between the TA Program and the previous programs is that large MPOs now play a role in project selection for a portion of program funds that are sub-allocated to large metropolitan regions. MAP-21 specified that in urbanized areas with populations over 200,000, the metropolitan planning organization shall, “through a competitive process, select the TA projects in consultation with the State.”

For the National Capital Region, this program offers an opportunity to support and enhance regional planning activities. At the direction of the Board, the region’s TA Program is framed as a complementary component of the TPB’s Transportation/Land-Use Connections (TLC) Program, which provides technical assistance for small planning studies to TPB member jurisdictions. The funding also offers the region the ability to fund regional priorities and goals, linked to recommendations outlined in the Regional Transportation Priorities Plan. The regional component of Virginia’s application and the regional selection criteria are based on these regional priorities.

Last year, the TPB conducted a competitive solicitation and selection process and allocated regional funding for FY 2013 and FY 2014 in Maryland and the District of Columbia, and for FY 2014 in Northern Virginia for new projects only. The regional TA Program was undersubscribed in Maryland and Virginia, with a remainder of \$1,006,290 for Maryland and \$388,078 for Virginia. The TPB participated in

Maryland's reissuance of the FY 2014 solicitation; applications were due May 15, 2014. The remaining FY 2014 Virginia funding was applied to FY 2015.

### **FY 2015 Solicitation**

TPB staff worked closely with the Virginia Department of Transportation (VDOT) Local Assistance Division, as part of that agency's coordination with MPOs across Virginia, to refine VDOT's application for the FY 2015 TA Program. This year marked the first solicitation for new projects across Virginia, as VDOT used the FY 2013 and FY 2014 TA funds to fulfill existing requests for funding under the pre-MAP-21 Transportation Enhancements (TE) Program. At the request of TPB staff, VDOT developed an attachment to the FY2015 application that included additional questions to yield information about how proposed projects would respond to priorities for the Washington region, including accessibility of transportation facilities for all users; accessibility to transit and employment; proximity to Regional Activity Center and rail; and project coordination, including project origination in local planning efforts and public involvement.

TPB staff participated in VDOT's TA Program Applicant Workshop on August 7, 2013. The purpose of the workshop was to provide basic information about the TA Program, describe program and project eligibility, provide a detailed overview of the VDOT application, and discuss the project selection timetable. Applications were due electronically to the VDOT Local Assistance Division on November 1, 2013. As of the deadline, VDOT staff forwarded to TPB staff 13 applications for consideration for both the Northern Virginia regional sub-allocation of TA funding and the statewide TA funding.

### **Selection Criteria**

TPB staff developed selection criteria that complement the regional portion of VDOT's application and are rooted in TPB policies and program, including the TPB Vision (the goals of which were subsequently reaffirmed in the Regional Transportation Priorities Plan), the TLC Program, COG's Region Forward, and recommendations from the TPB Access for All (AFA) Advisory Committee and the TPB Citizens Advisory Committee. The following selection criteria were applied to all projects with the understanding that some projects would only meet some criteria. All applicants were encouraged to showcase how a project best meets a given criterion:

- Support a broad range of transportation choices within the region that maximize mobility and transportation options for non-drivers
- Improve access within and between Regional Activity Centers
- Collaboration and public involvement
- ADA accessibility and location within disadvantaged communities (*per AFA request*)
- Safe Routes to School
- Environmental mitigation, historic preservation, and other eligible activities
- Match funding; innovation

The selection process presented to the TPB during the FY 2013/2014 TA Program solicitation called for the establishment of a regional TA Program technical review committee that would recommend projects to the TPB for approval. Given that the TA Program was undersubscribed in all three state-level jurisdictions, it was not necessary to convene a review committee last year, though all applications were determined to meet at least some of the regional criteria. However, the FY 2015 requests for Federal

funding slightly exceeded the amount available to assign to projects. Therefore, a formal review process was conducted.

### **FY 2015 Selection Process**

Thirteen project applications from Northern Virginia were received as part of Virginia's FY 2015 TA project solicitation. VDOT staff reviewed all of the application for readiness and eligibility and provided a score for each application and a Virginia-wide ranking for Safe Routes to School-eligible projects. The project selection process included review by the Commonwealth Transportation Board and a TPB Technical Review Committee for the regional TA Program.

The Commonwealth Transportation Board directed that a portion of the statewide TA funding be divided between the CTB Districts. The Northern Virginia District CTB Member, Gary Garczynski, was allocated \$1 million to assign to the 13 project submissions. Mr. Garczynski chose to partially fund five of the projects. On April 16, the CTB met to approve the statewide TA funding recommendations. At that meeting, the At-Large CTB members allocated additional statewide funding to projects across the Commonwealth. The At-Large CTB members chose to fully fund three of the projects partially funded by Mr. Garczynski, fully fund another project, and partially fund one additional project. Funding information related to these actions is on page 4.

The remaining unfunded or partially funded project applications were the subject of review at the TPB level. As established in the project selection process for the regional TA Program, the TPB used a review committee to develop a recommended list of projects for TPB approval. The technical review committee met on April 24 and was chaired by non-voting TPB member Julia Koster of the National Capital Planning Commission, also chair of the TLC Selection Panel. Ms. Koster was joined by professionals with knowledge covering the range of eligible activities and regional transportation issues:

- Kevin Belanger, Transportation Planner, City of Rockville, Maryland. Mr. Belanger is the Bicycle and Pedestrian Coordinator for Rockville.
- Stephen Hurst, Transportation Management Specialist, District Department of Transportation. Mr. Hurst manages the TA Program for the District of Columbia.

TPB staff also participated on the review committee.

Each member of the technical review committee provided a ranking of the ten project applications remaining under consideration. Following the CTB project selections, the total requested amount for these ten applications exceeded the available funding by \$46,000. Therefore all the project requests could not be fully funded. The committee grouped the projects into "high", "medium", and "low" priority based on how each addressed the regional project selection criteria. The committee engaged in a discussion about the lower priority projects to determine if one or more projects would receive zero or partial funding. The recommendations of the committee may be found below.

### **Funding and Project Recommendations**

The following page contains a summary of the funding levels and project recommendations. For more information about the projects, please see Attachment A.

The TPB's sub-allocated portion of funding for use within the MPO planning area in Northern Virginia for FY 2015 is \$2,551,269. The TPB carried over \$388,078 from FY 2014, resulting in a total available funding amount of \$2,939,347.

The Commonwealth Transportation Board (CTB) approved funds for seven of the projects under the VDOT FY 2015 TA Program project solicitation, which is noted in the table below. Two of the projects recommended for funding will implement recommendations of TLC projects.

**Funding Recommendations for the FY 2015 TA Program for Northern Virginia**

<b>Applicant Jurisdiction</b>	<b>Project</b>	<b>FY 2015 Federal Funding Request</b>	<b>CTB Funding Approved *</b>	<b>TPB Funding Recommended</b>
Arlington County	Four Mile Run Trail Connection	\$400,000	\$200,000	\$200,000
Arlington County	Rosslyn-Ballston Corridor Accessibility Improvements	\$200,000		\$200,000
Arlington County	SRTS: Ashlawn and Williamsburg Schools	\$400,000		\$400,000
Fairfax County	Cinderbed Road Bikeway	\$400,000		\$400,000
Fairfax County	Cross County Trail – Lorton Arts	\$400,000		\$353,057
Fairfax County	SRTS: Westbriar Elementary School	\$400,000	\$200,000	\$200,000
Town of Herndon	Herndon Historic Revitalization Project: Phase 3	\$301,584	\$295,000	\$6,584
Loudoun County	SRTS: Various locations (nine schools)	\$413,018		\$413,018
Town of Middleburg	Washington Street Streetscape Improvements	\$413,688	\$207,000	\$206,688
National Park Service	Manassas National Battlefield Park, Stone Bridge Repair	\$480,000	\$480,000	-
Prince William County	Blackburn Road Sidewalk	\$560,000		\$560,000
Prince William County	Smoketown Road Sidewalk	\$264,000	\$264,000	-
Town of Vienna	SRTS: Westbriar Elementary School	\$106,185	\$106,185	-
<b>Total Requests:</b>		<b>\$4,738,475</b>		
<b>CTB NoVa Funding:</b>			<b>\$1,752,185</b>	
<b>TOTAL MPO FUNDING:</b>				<b>\$2,939,347</b>

\* CTB funding allocations were made prior to the meeting of the technical review committee. Thus, the TPB’s review committee only deliberated on the ten projects it recommends funding.

The members of the technical review committee each ranked the projects, and then divided the projects into high, medium, and low priority. They defined a priority project as one having a significant local and

regional impact, one that demonstrates benefit to a sensitive community (students, persons with disabilities, low-income or transit-dependent populations), projects that support regional goals, and project applications that demonstrate a commitment to implementation.

The technical review committee grouped the projects as follows:

High Priority:

- Arlington County, Four Mile Run Trail Connection
- Arlington County, Rosslyn-Ballston Corridor Accessibility Improvements
- Town of Herndon, Herndon Historic Revitalization Project: Phase 3

The committee felt each of the projects that fell in the “high” category met the definition of a priority project in most ways, as well as showed a clear path to implementation. These projects are also located in Regional Activity Centers.

Medium Priority:

- Arlington County, SRTS: Ashlawn and Williamsburg Schools
- Fairfax County, SRTS: Westbriar Elementary School
- Loudoun County, SRTS: Various locations
- Town of Middleburg, Washington Street Streetscape Improvements
- Prince William County, Blackburn Road Sidewalk

The committee felt the projects in the “medium” category met the definition of a priority project in some ways, also showing a clear path to implementation.

Low Priority:

- Fairfax County, Cinderbed Road Parkway
- Fairfax County, Cross County Trail: Lorton Arts – *partially fund*

The committee had several concerns with projects it ranked as a “low” priority. The concern the committee had with the Cinderbed project is that it is still in the feasibility stage. One of the goals established at the outset of the TPB’s involvement in the TA Program was to use the regional TA Program funding to fund implementation. While Fairfax County has identified construction funding, the committee was concerned about unforeseen complications because the project is in its very early stages. It did feel strongly that this project would provide a vital non-auto transit connection to Fort Belvoir.

Related to the Cross County Trail project, the committee expressed a concern that, although the project has been previously awarded TA and TE funds, work has not yet begun on this project. The project sponsors appear to be pooling resources, which contradicts a goal of the regional TA Program described above. The committee chose to recommend partial funding for this project. However, the committee stipulated that in future years, it does not recommend funding additional requests for this project if work has not commenced.

**Next Steps**

Following TPB approval, TPB staff will forward information regarding the selected projects to VDOT for inclusion in the Commonwealth’s Six Year Improvement Plan for Transportation. VDOT staff will then work with project owners to administer funding.

TPB staff will begin review of applications received as part of the Maryland Department of Transportation's reissuance of the FY 2014 TA Program solicitation. Both the state and regional programs were undersubscribed and had remaining funding. The TPB has \$1,006,290 remaining from its FY 2014 regional sub-allocation for Maryland. That project solicitation ended on May 15, 2014. TPB staff will convene a technical review committee once MDOT has provided information about project eligibility and readiness. Selection of projects for the FY 2014 Maryland sub-allocation will be conducted in the same way that the FY 2015 TA projects in Northern Virginia were selected. It is anticipated that the FY 2014 Maryland TA projects will be brought to the TPB for approval at its July or September meeting.

TPB staff met with District Department of Transportation (DDOT) staff to develop a coordinated approach to the FY 2015 project solicitation for the District. It is likely that DDOT and the TPB will issue a joint solicitation for FY 2015 TA funding for the District this coming summer. In the time following the FY 2013/2014 solicitation, the Federal Highway Administration has determined that DDOT is an eligible recipient of TA Program funding.

**National Capital Region Transportation Alternatives Program**  
Applications for Regional Funding - FY 2015  
**VIRGINIA**

Applicant Jurisdiction	Project	Project Description	Regional Activity Center	Rail Station	FY 2015 Federal Funding Request	CTB Funding Approved	TPB Funding Recommended
1 Arlington County	Four Mile Run Trail Connection	Construct a paved non-motorized transportation link between Arlington County's Four Mile Run Trail and the street network of Crystal City. There is a significant grade change from stream level to street level. The trail connection will need to accommodate the grade change, be ADA compliant, and contribute to the master planning of the Potomac Yards phased development activity center.	yes	yes	\$400,000	\$200,000	\$200,000
2 Arlington County	Rosslyn-Ballston Corridor Accessibility Improvements	Construct spot improvements to various sidewalks within the Rosslyn-Ballston commercial corridor. Locations were identified in a survey of existing conditions conducted in a 2012 TLC Study. Improvements include construction of curb extensions with new curb ramps to meet ADA standards, sidewalk widening, adjustments to medians and relocation of obstructions from sidewalk walking paths. Action has been taken to expend the FY 2014 funding allocated to this project through the regional TA Program.	yes	yes	\$200,000		\$200,000
3 Arlington County	SRTS: Ashlawn and Williamsburg schools	Construct new sidewalk and trail sections to provide pedestrian and bicycle access to two schools: Ashlawn Elementary School and Williamsburg Middle School. Reconstruct several intersection corners near schools to reduce crossing distance, manage traffic speed, and improve accessibility for persons with disabilities. Project provides link to regional Washington and Old Dominion (W&OD) Trail.	no	no	\$400,000		\$400,000
4 Fairfax County	Cinderbed Road Bikeway	The project will be approximately 3.1 miles in length and connect Fort Belvoir with the Franconia-Springfield Metrorail Station. It will also provide a link to the Fairfax County Parkway Trail, neighborhoods, and corporate centers. The project will be constructed on abandoned railroad alignments and on-road bike lanes. The current request is for design work only.	yes	yes	\$400,000		\$400,000
5 Fairfax County	Cross County Trail - Lorton	Construct a segment of the Cross County Trail in Lorton that will traverse the Lorton Arts Foundation property and connect Occoquan Regional Park and the Laurel Hill Greenway. The proposed segment will be approximately 1850' in length have an 18' cross section, which include a 10' shared use path, a 4' natural surface path and the appropriate clear zones for an ADA compliant shared use path.	no	no	\$400,000		\$353,057

**National Capital Region Transportation Alternatives Program**  
Applications for Regional Funding - FY 2015  
**VIRGINIA**

Applicant Jurisdiction	Project	Project Description	Regional Activity Center	Rail Station	FY 2015 Federal Funding Request	CTB Funding Approved	TPB Funding Recommended
6 Fairfax County	SRTS: Westbriar Elementary School	Complete several missing segments of sidewalk along Old Courthouse Road by providing a continuous 5' sidewalk from Creek Crossing Drive to Westbriar Elementary School. Some sections will require new curb ramp and curb/gutter construction. Complements Vienna SRTS project.	no	no	\$400,000	\$200,000	\$200,000
7 Town of Herndon	Herndon Historic Revitalization Project: Phase 3	Improve streetscape design and pedestrian accessibility, safety, and mobility in downtown Herndon. Phase 3 includes the construction of circulation and streetscape improvements, including a new streetscape design to include ADA curb cuts, brick sidewalks and crosswalks, tree grates, trees, traffic calming measures. * Located near future Silver Line Station.	yes	yes*	\$301,584	\$295,000	\$6,584
8 Loudoun County	SRTS: Various locations (eight schools)	Install sidewalks to provide walkable paths for students to walk to the following schools: Mill Run Elementary School, Newton Lee Elementary School, Sycolin Creek Elementary School, Tolbert Elementary School, Blue Ridge Middle School, Mercer Middle School, Board Run High School, Stonebridge High School.	no	no	\$413,018		\$413,018
9 Town of Middleburg	Washington Street Streetscape Improvements	Install 15 street lights, landscaping, and rehabilitate existing sidewalks on the south side of Washington Street. Rehabilitate sections of brick sidewalk on the north side of Washington Street. Locations were identified in a survey of existing conditions conducted in a 2013 TLC Study.	no	no	\$413,688	\$207,000	\$206,688
10 National Park Service	Manassas National Battlefield Park, Stone Bridge Repair	The project is for the first phase of a two-phase repair of the historic Stone Bridge over Bull Run in Manassas National Battlefield Park. Stone Bridge is a pedestrian facility and is in need of historic preservation and rehabilitation measures: structural repairs, repair of erosion, repointing, stone replacement, repair of undermining, and the addition of an engineered riprap.	no	no	\$480,000	\$480,000	-
11 Prince William County	Blackburn Road Sidewalk	Connect a missing sidewalk section with 500 feet of new sidewalk on Blackburn Road from Rippon Blvd to the Cow Branch Bridge. There are existing pedestrian networks north and south of the missing segment. The proposed section of new sidewalk is located on the PRTC Omni Ridge bus route and will provide access to bus stops.	no	no	\$560,000		\$560,000

**National Capital Region Transportation Alternatives Program**  
Applications for Regional Funding - FY 2015

**VIRGINIA**

Applicant Jurisdiction	Project	Project Description	Regional Activity Center	Rail Station	FY 2015 Federal Funding Request	CTB Funding Approved	TPB Funding Recommended
12 Prince William County	Smoketown Road Sidewalk	The project involves connecting a missing sidewalk section with 230 feet of new sidewalk on Smoketown Road. There are existing pedestrian networks north and south of the missing segment. The proposed sidewalk is located on the PRTC Cross County Connector Route. It is less than one mile from the PRTC Transit Center, a main transit hub in the County.	no	no	\$264,000	\$264,000	-
13 Town of Vienna	SRTS: Westbriar Elementary School	Install curb, gutter, and sidewalk improvements along the east side of Old Courthouse Road, with accessible ramps and painted crosswalks at each corner, from town line (near Pine Valley Drive) to Westbriar Court, NE. Complements Fairfax County SRTS project.	no	yes	\$106,185	\$106,185	-

Virginia Funding Requested: **\$4,738,475**

**\$1,752,185**

CTB Funding:

FY 2015 MPO Funding Available: **\$2,939,347**





**TRANSPORTATION ALTERNATIVES PROGRAM  
FOR THE NATIONAL CAPITAL REGION**

## **Transportation Alternatives Program FY 2015 Proposed Projects for Funding in Northern Virginia**

Transportation Planning Board  
May 21, 2014

Sarah Crawford  
Department of Transportation Planning

**TRANSPORTATION ALTERNATIVES PROGRAM  
FOR THE NATIONAL CAPITAL REGION**

## **Transportation Alternatives (TA) Program**

- A formula program under MAP-21
- Provides funding to projects considered “alternatives” to traditional highway construction
- Combines three former programs:
  - Transportation Enhancements (TE)
  - Safe Routes to School (SRTS)
  - Recreational Trails (RTP)
- Large MPOs will play a role in project selection for those program funds that are suballocated to large metropolitan regions.



**Overview**      Selection      Projects      Next Steps      2

TRANSPORTATION ALTERNATIVES PROGRAM  
FOR THE NATIONAL CAPITAL REGION



## Opportunities for Our Region

Fund regional priorities and goals

- Promote transportation choices and options
- Promote regional activity centers

Complement regional planning activities

- Transportation/Land-Use Connections (TLC) Program
- Regional Transportation Priorities Plan
- Region Forward

Overview      Selection      Projects      Next Steps      3

TRANSPORTATION ALTERNATIVES PROGRAM  
FOR THE NATIONAL CAPITAL REGION



## Regional Selection Criteria

Projects should strive to meet as many criteria as possible:

- Support a broad range of transportation choices within the region that maximize mobility and transportation options for non-drivers
- Improve access within and between Regional Activity Centers
- Collaboration and public involvement
- ADA accessibility and disadvantaged communities
- Safe Routes to School
- Environmental mitigation, historic preservation, and other eligible activities
- Match funding; innovation

Overview      Selection      Projects      Next Steps      4

TRANSPORTATION ALTERNATIVES PROGRAM  
FOR THE NATIONAL CAPITAL REGION



## Regional Project Selection

As outlined in the federal guidance, the TPB conducted a competitive process and selected projects in consultation with Virginia:

- VDOT reviewed the projects for readiness and eligibility, and provided feedback to TPB staff
- The Northern Virginia District CTB member allocated \$1 million and At-Large CTB members allocated \$750,000 towards projects in Northern Virginia
- The regional TA Program Technical Review Committee, chaired by Julia Koster, met to review ten remaining applications

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TRANSPORTATION ALTERNATIVES PROGRAM  
FOR THE NATIONAL CAPITAL REGION



## Northern Virginia Solicitation and Funding

- VDOT's FY 2015 solicitation ran from August 1 to November 1, 2013
- MPO sub-allocation for Northern Virginia:
  - FY 2014 carryover: **\$388,078**
  - FY 2015 sub-allocation: **\$2,551,269**
  - Total MPO funding for FY 2015: **\$2,939,347**
- Northern Virginia CTB Member allocation of statewide FY 2015 funding: **\$1 million**
- Additional FY 2015 funding provided by At-Large CTB members: **\$752,185**

**Total funding for TA in Northern Virginia: \$4,691,532**

**Total funding requests for Northern Virginia: \$4,738,475**

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TRANSPORTATION ALTERNATIVES PROGRAM  
FOR THE NATIONAL CAPITAL REGION



## Safe Routes to School (SRTS) Projects

Applicant Jurisdiction	Project	Federal Funding Request	TPB Funding Recommended	Notes	RAC	Rail
Arlington County	Ashlawn and Williamsburg Schools	\$400,000	\$400,000			
Fairfax County	Westbriar Elementary School	\$400,000	\$200,000	\$200,000 provided by CTB		
Loudoun County	Various locations (eight schools)	\$413,018	\$413,018			
Regional funding to SRTS projects		\$1,013,018				
Percent of FY 2015 MPO funding		35 %				

RAC = Regional Activity Center

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TRANSPORTATION ALTERNATIVES PROGRAM  
FOR THE NATIONAL CAPITAL REGION



## Trail Connections

Applicant Jurisdiction	Project	Federal Funding Request	TPB Funding Recommended	Notes	RAC	Rail
Arlington County	Four Mile Run Trail Connection	\$400,000	\$200,000	\$200,000 provided by CTB	Y	Y
Fairfax County	Cinderbed Road Bikeway	\$400,000	\$400,000		Y	Y
Fairfax County	Cross County Trail – Lorton Arts	\$400,000	\$353,057	This project is recommended for partial funding		
Regional funding to Trail projects		\$953,057				
Percent of FY 2015 MPO funding		32 %				

RAC = Regional Activity Center

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TRANSPORTATION ALTERNATIVES PROGRAM  
 FOR THE NATIONAL CAPITAL REGION

## Sidewalk/Facility Gap Projects

Applicant Jurisdiction	Project	Federal Funding Request	TPB Funding Recommended	Notes	RAC	Rail
Arlington County	Rosslyn-Ballston Corridor Accessibility Improvements	\$200,000	\$200,000	This project implements a 2012 TLC Study	Y	Y
Prince William County	Blackburn Road Sidewalk	\$560,000	\$560,000			
Regional funding to Sidewalk projects		\$760,000				
Percent of FY 2015 MPO funding		26 %				

RAC = Regional Activity Center

Overview
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TRANSPORTATION ALTERNATIVES PROGRAM  
 FOR THE NATIONAL CAPITAL REGION

## Streetscape Projects

Applicant Jurisdiction	Project	Federal Funding Request	TPB Funding Recommended	Notes	RAC	Rail
Town of Herndon	Herndon Historic Revitalization Project: Phase 3	\$301,584	\$6,584	\$295,000 provided by CTB	Y	Y
Town of Middleburg	Washington Street Streetscape Improvements	\$413,688	\$206,688	This project implements a 2013 TLC Study. \$207,000 provided by CTB.		
Regional funding to Streetscape projects		\$213,272				
Percent of FY 2015 MPO funding		7 %				

RAC = Regional Activity Center

27 % of the of FY 2015 MPO funding is allocated to projects in Regional Activity Centers.

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TRANSPORTATION ALTERNATIVES PROGRAM  
FOR THE NATIONAL CAPITAL REGION



## Next Steps: Regional TA Program

The TPB will conduct future solicitations in partnership with each state:

- Maryland: TPB participated in the second FY 2014 solicitation. Applications were due May 15
- District: DDOT and TPB staff will coordinate to determine a solicitation timeline for FY 2015
- Virginia: Expect to participate in the FY 2016 solicitation this fall

Overview Selection Projects **Next Steps** 11

TRANSPORTATION ALTERNATIVES PROGRAM  
FOR THE NATIONAL CAPITAL REGION



## TPB Action Requested

The TPB is being asked to adopt Resolution R17-2014 to approve projects for funding under the MAP-21 Transportation Alternatives Program for FY 2015 in Northern Virginia

Overview Selection Projects **Next Steps** 12

## **ITEM 9 - Action**

May 21, 2014

Briefing on the Status of the Highway Trust Fund and Reauthorization of the Moving Ahead for Progress in the 21st Century Act (MAP-21), and Approval of a Letter to the Washington Region's Congressional Delegation in Support of Replenishing the Highway Trust Fund and Reauthorizing MAP-21

### **Staff**

#### **Recommendation:**

- Receive briefing on current Congressional activities to address funding for transportation and to reauthorize MAP-21.
- Approve the enclosed letter to the Washington Region's Congressional Delegation in support of replenishing the Highway Trust Fund and reauthorizing MAP-21.

#### **Issues:**

None

#### **Background:**

According to the US Department of Transportation, the Highway Trust Fund will run out of money in July, and the authorization of MAP-21, which provides federal funding for all surface transportation programs, expires on September 30. The TPB is a member of the Association of Metropolitan Planning Organizations (AMPO).





# NATIONAL CAPITAL REGION

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## TRANSPORTATION PLANNING BOARD

May 21, 2014

Senator (or Congressman) [FIRST] [LAST]  
United States Senate (or House of Representatives)  
XX-XXX Senate (or House) Office Building  
Washington DC 20XXX

**RE: Protect the Highway Trust Fund from Insolvency—Now and Into the Future**

Dear Senator (or Congressman) [LAST],

A day we have long feared is finally upon us: the federal Highway Trust Fund will be insolvent as soon as July of this year. And MAP-21, the authorizing legislation for transportation infrastructure investment in our country, is set to expire at the end of September.

As the federally designated metropolitan planning organization for the National Capital Region, a growing region of more than 5 million people, we urgently request your help—and soon.

Insolvency will result in significant administrative burdens and immediate unmet transportation needs. Agencies responsible for keeping our roadways and transit systems safe and in a state of good repair have programmed nearly \$2 billion in federal funding to spend on hundreds of improvements this year. Many of the projects address critical safety needs. Insolvency will put agencies in the impossible position of deciding which projects to keep funding and which to halt.

Disruptions in the flow of federal dollars will also threaten job growth and economic recovery in our region. And they will make it harder to maintain mobility for the federal workforce and for the millions of people who visit our nation's capital each year.

Imminent insolvency is not our only worry, however.

The Highway Trust Fund needs a more sustainable source of revenue for the long-term. Agencies need greater predictability in order to plan the major, long-term transportation investments we know we need. One-time cash infusions and other short-term funding fixes are not sufficient to meet these challenges.

In 2013, both states in our region—Maryland and Virginia—took historic steps to raise new revenue for transportation at the state level, by raising user fees and other taxes to continue investing in critical infrastructure. The District of Columbia took similar steps five years ago.

Now it's time for the federal government to do its part. Federal per-gallon excise taxes on motor fuels, traditionally the main source of revenue for the Highway Trust Fund, have not been increased in over 20 years, during which time inflation has eroded nearly 40 percent of their purchasing power. The result: more and more transfers of general fund revenues and other one-time fixes have been used to fill the widening gap between traditional revenue sources and our growing transportation needs.

We urge you to take decisive action now to replenish the Highway Trust Fund, and to secure more sustainable funding for transportation into the future when you reauthorize MAP-21 later this year. Raising user-based revenue options are a sensible approach. Others may provide equally reliable and sustainable revenue flows. We urge your consideration of any such alternative.

Should you have any questions, please don't hesitate to contact Gerald Miller, acting co-director of transportation planning at the Transportation Planning Board. He can be reached by phone at 202.962.3319, or by e-mail at [gkmiller@mwkog.org](mailto:gkmiller@mwkog.org).

We hope we can count on your help in this exceptionally urgent matter.

Sincerely,

Patrick Wojahn  
Chair, National Capital Region Transportation Planning Board

DRAFT

## **ITEM 10- Information**

May 21, 2014

### Briefing on the Virginia Railway Express (VRE) Systems Plan

#### **Staff**

**Recommendation:** Receive briefing on the VRE System Plan which provides a framework for capital investments and actions VRE should pursue through 2040 to continue to grow the service to best meet regional travel needs.

**Issues:** None

**Background:** The VRE Operations Board adopted the plan in January 2014.

# VIRGINIA RAILWAY EXPRESS SYSTEM PLAN 2040

Transportation Planning Board  
May 21, 2014

Doug Allen  
Chief Executive Officer



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A BETTER WAY. A BETTER LIFE.



# PARTNERSHIPS

- VRE is a partnership of NVTC, PRTC, nine jurisdictions
- CSX, NS and AMTRAK
- The Commonwealth of Virginia is a vital partner in our success
  - Funding for track access allows VRE to operate on host railroads
  - Capital for equipment and infrastructure have led to 95% OTP



## Manassas Line

- In the I-66 corridor
- 35 miles from DC
- 45 minutes to Union Station
- 16 daily trains

## Fredericksburg Line

- In the I-95 corridor
- 54 miles from DC
- 84 minutes to Union Station
- 14 daily trains



- Origin Stations
  - Near population
  - Parking
  
- Destination Stations
  - Near offices
  - Metro connections
  - L'Enfant is busiest
  - Crystal City
    - Pentagon, Rosslyn via Metro
  - Union Station
  - Alexandria

# VRE CUSTOMER PROFILE



- Over 4.5M customers last year
- Highly satisfied with service (88%)
- Income over \$100,000 (73%)
- Own two or more cars (83%)
- Work for the Federal Government, Military or Military contractor (70%)

# CONGESTION IN NORTHERN VIRGINIA



- Washington metro region has worst delays in U.S. \*
  - 67 hours/year/commuter
  - 180M total hours/year
  - \$3.7B annually
- I-66, I-95 and I-395 some of the most congested corridors in the Commonwealth

\* Texas Transportation Institute

## GROWTH BY 2040

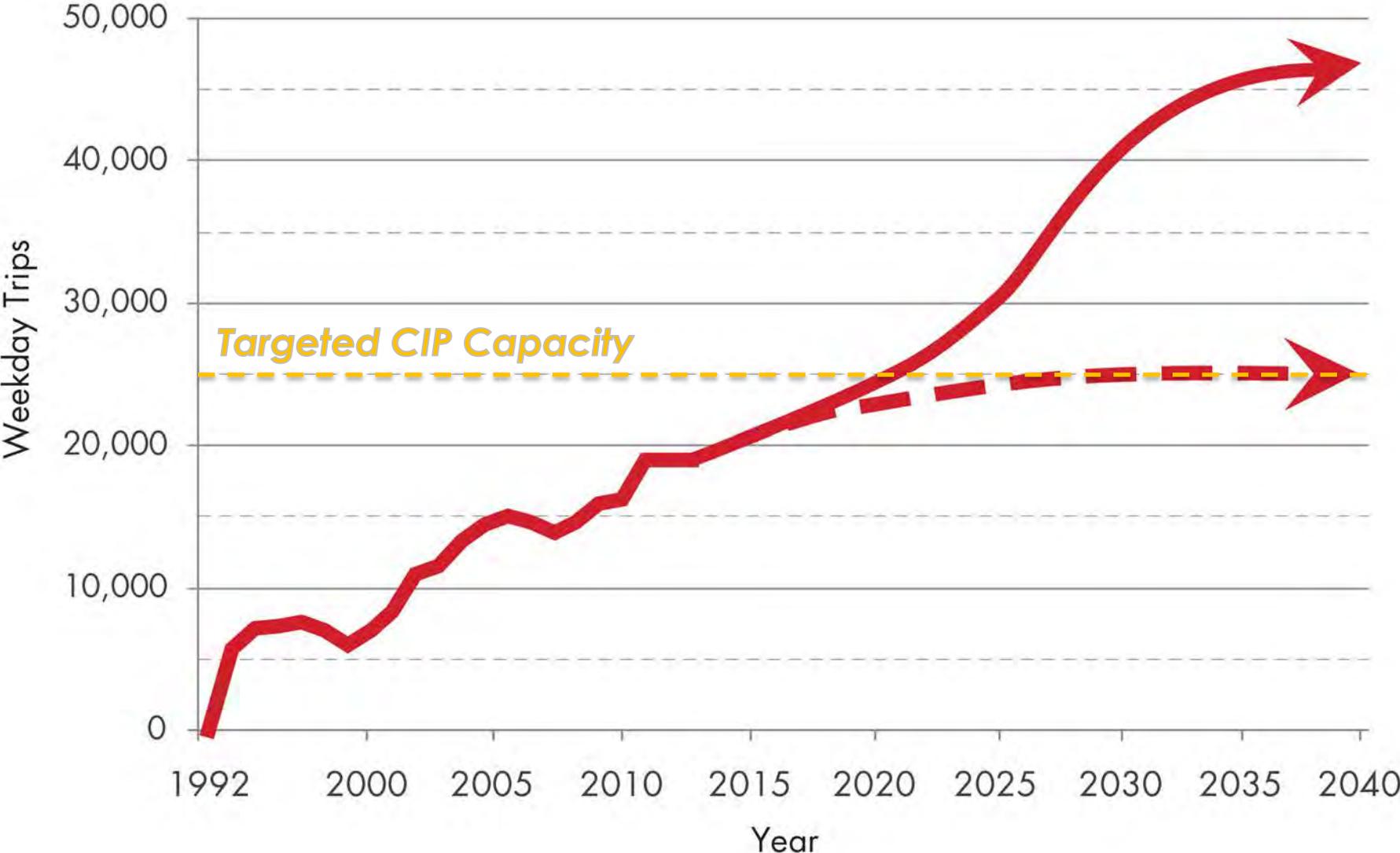
- Population of region expected to grow 30%
  - 5.2M to 6.8M
- Population in VRE corridors expected to grow 40-90%
- Jobs served by VRE expected to increase
  - 127,000 Arlington and Alexandria (40% increase)
  - 173,000 in DC (22% increase)

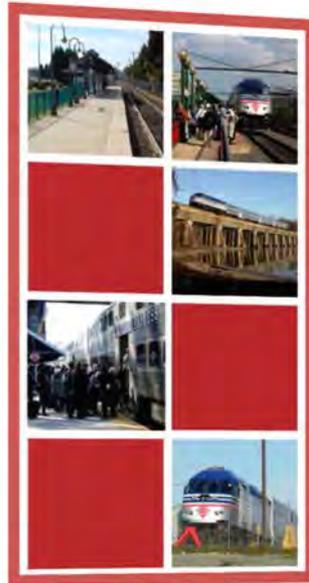
# RESEARCH ON VRE'S CONTRIBUTION TO CONGESTION RELIEF\*

- Regional growth and congestion are inevitable
- Contribution of VRE to congestion relief is significant and could be greater if service expanded
- Existing VRE ridership contributes to freeway travel delay reduction of between 8-20% in both corridors
  - Between 1.8 - 4.1 million hours per year
- Doubling VRE ridership would reduce delays in the I-66 and I-95 corridors by up to 14%.
  - Between 0.8 – 3.0 million hours per year

\* Source: Texas Transportation Institute, March 2014

# POTENTIAL FOR GROWTH





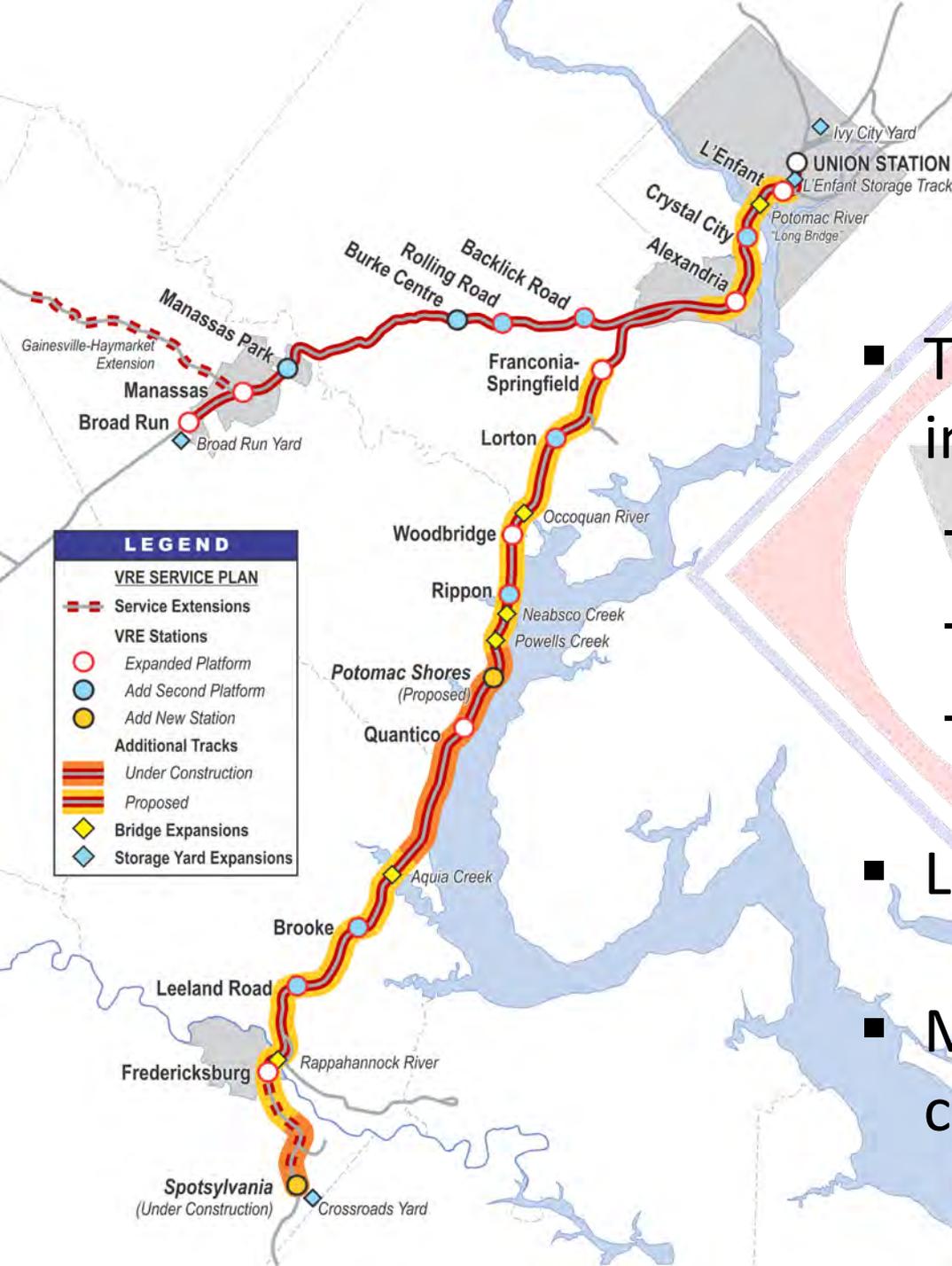
**VRE System Plan  
Summary**

January 2014

# VRE SYSTEM PLAN 2040

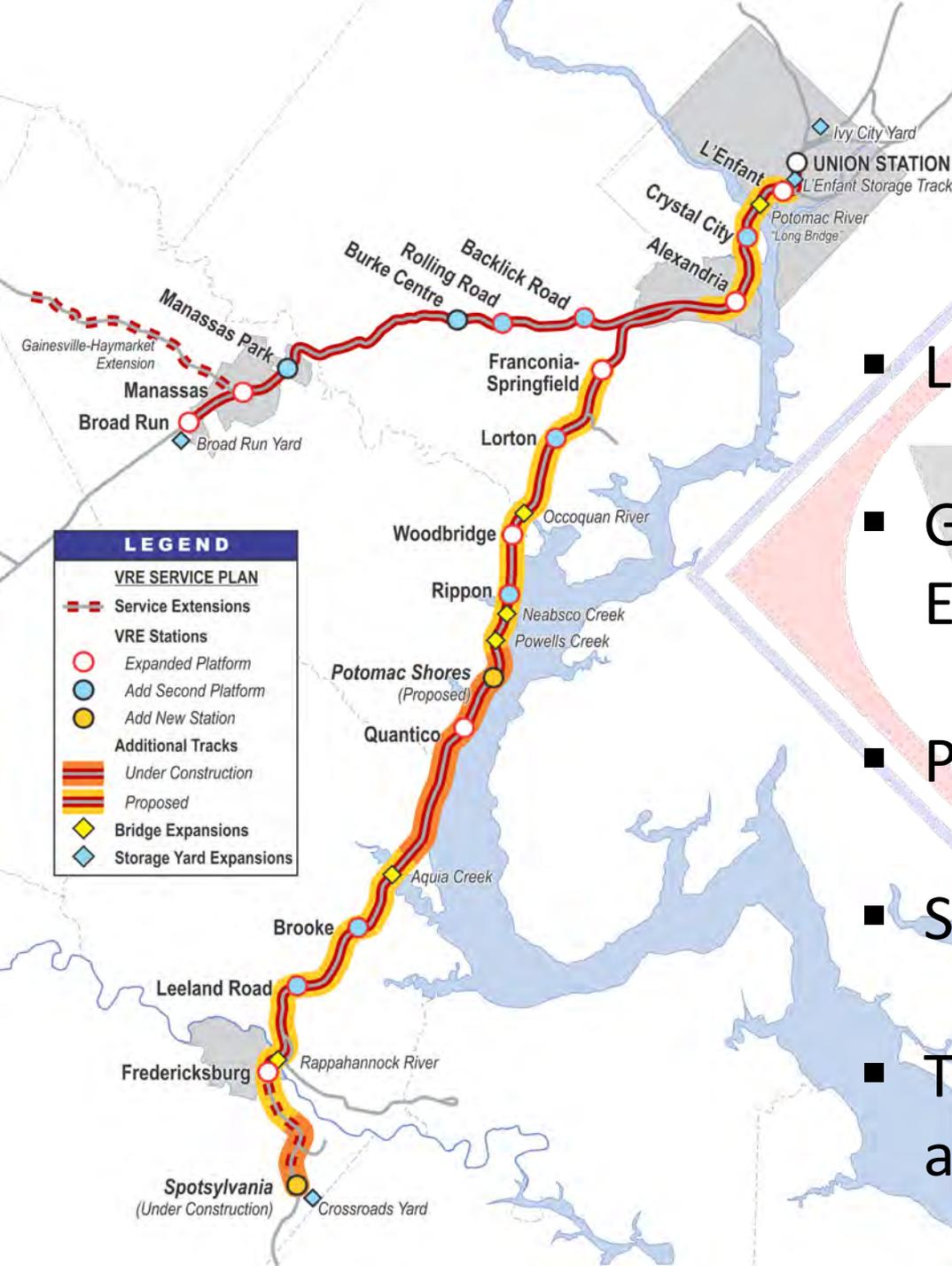
- Preparing for future
- Phased expansion to meet new and growing markets
- Adding RR capacity is key
- Expand VRE role beyond traditional commuter rail towards regional rail

# SYSTEM PLAN 2040 ELEMENTS



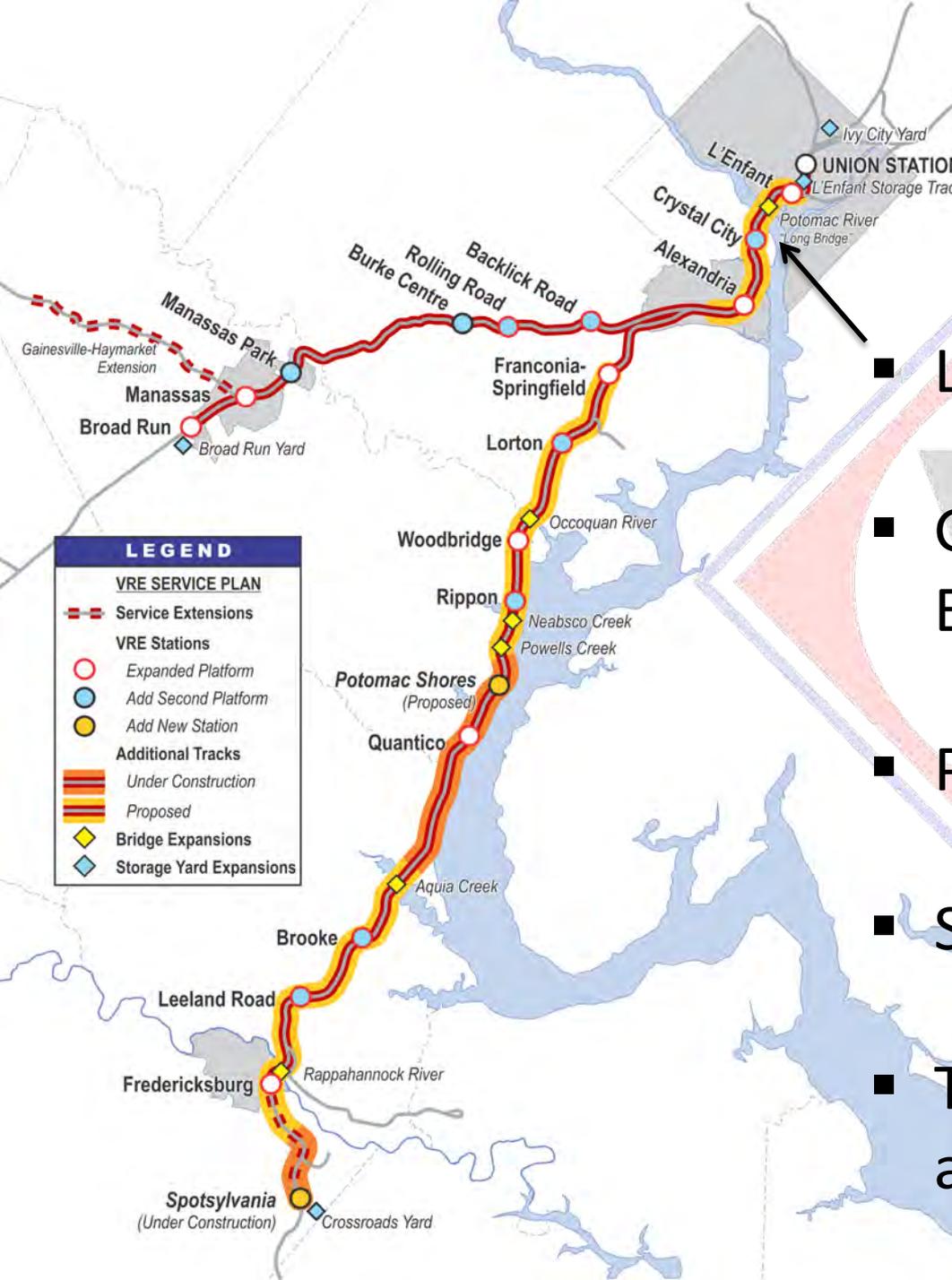
- Track and signal improvements
  - Add third/fourth track
  - Crossovers
  - Bridge expansions
- Longer trains and platforms
- More trains, storage customer parking

# SYSTEM PLAN 2040 KEY PROJECTS



- Long Bridge
- Gainesville-Haymarket Extension
- Potomac Shores Station
- Spotsylvania Station
- Total System Plan estimated at \$2.7B (\$2013)

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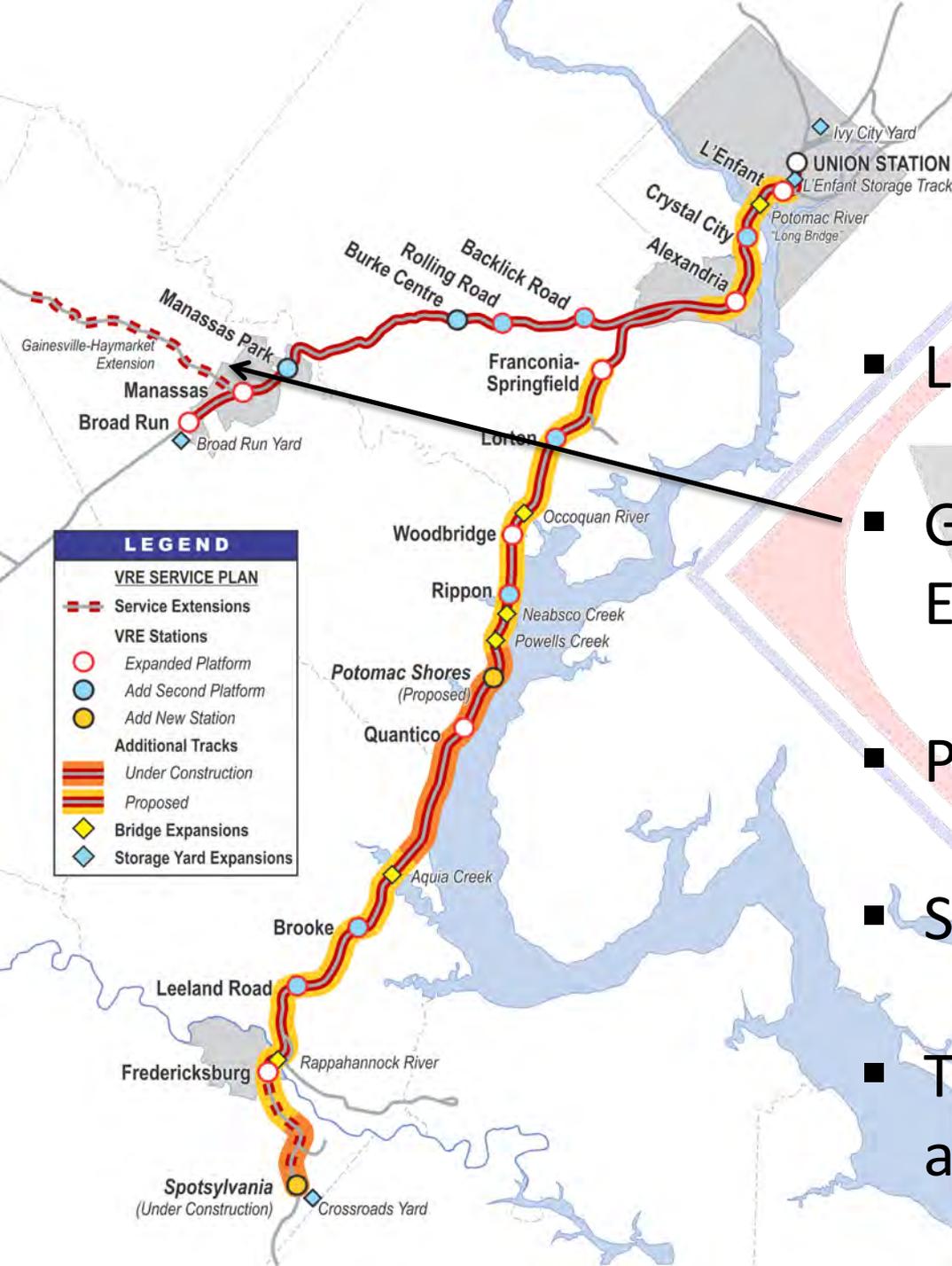
# LONG BRIDGE



Photo Credit: Mike Schaller - Virginia Railway Express

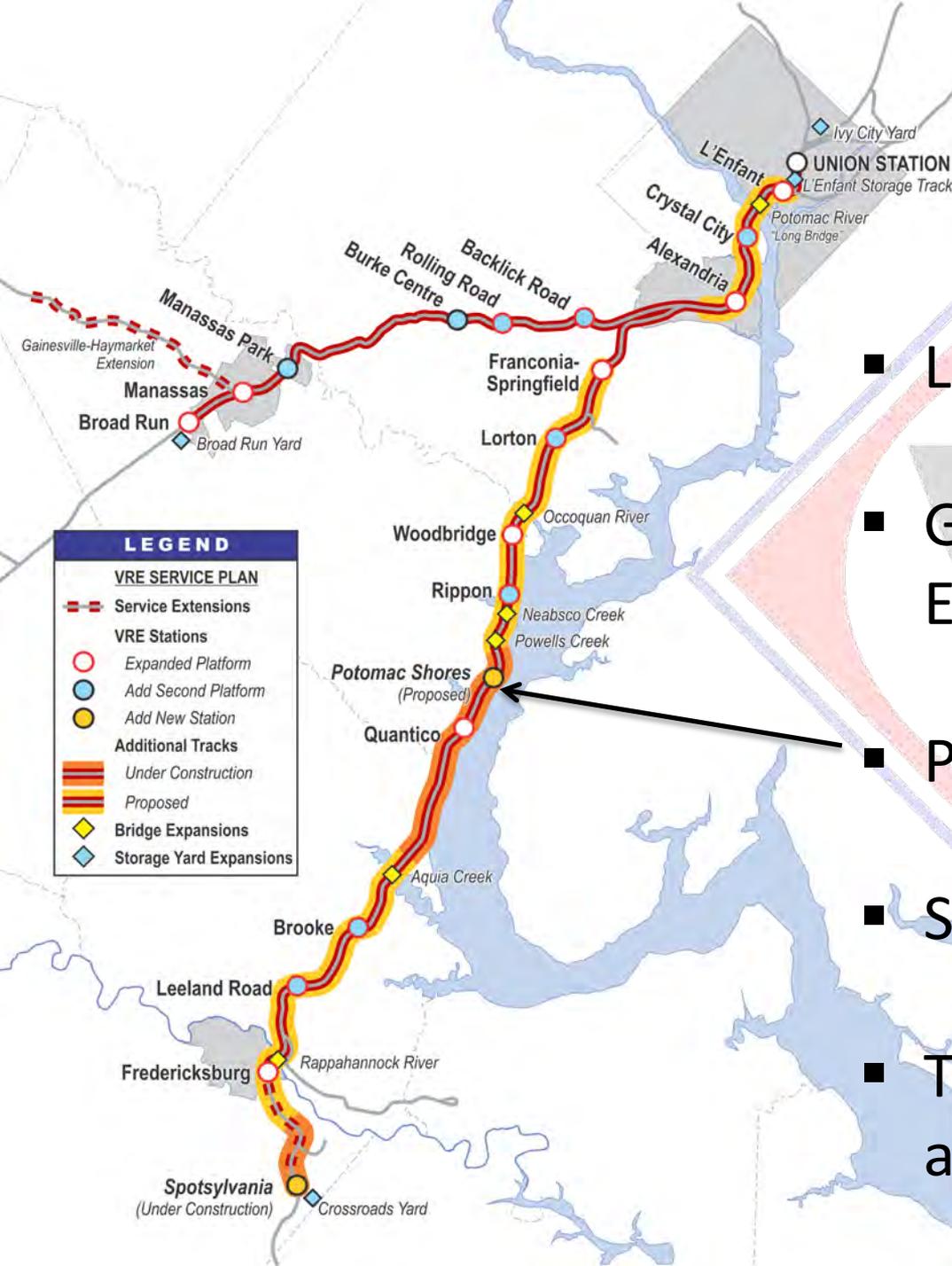


# SYSTEM PLAN 2040 KEY PROJECTS



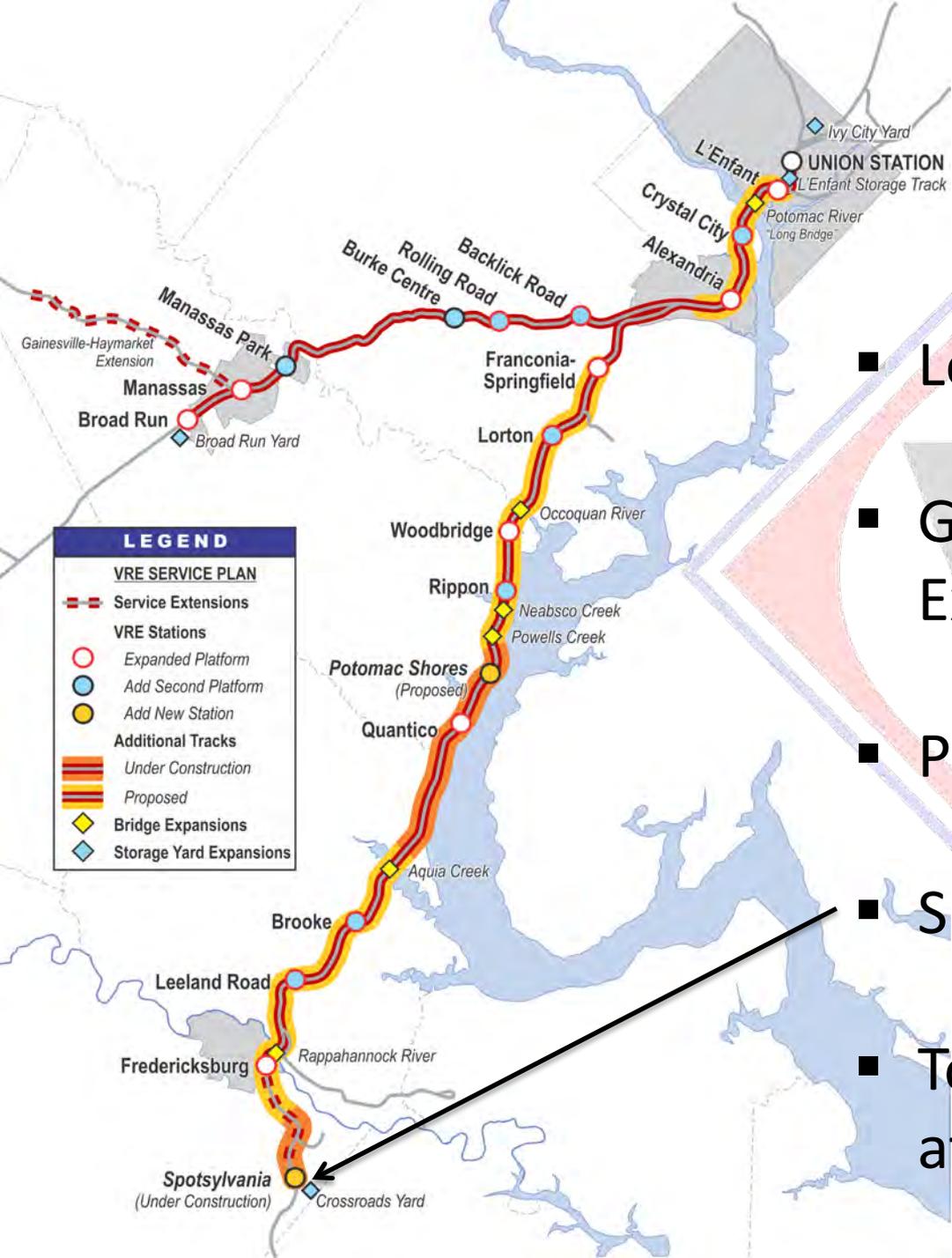
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- Long Bridge
- Gainesville-Haymarket Extension
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- Spotsylvania Station
- Total System Plan estimated at \$2.7B (\$2013)

# ADVANTAGES OF VRE EXPANSION

- Investment in VRE is cost effective
- No additional ROW requirements
- Fewer environmental challenges, less time
- Relatively modest costs
- Compliments other investment

# SUMMARY

- VRE is important to Virginia and the region
- Actionable long-range plans
- Cost-effective investment
- VRE reduces congestion
- Capacity equivalent of 150 lane miles in I-66, I- 95, I-395
- VRE is ready to expand the system, with host railroads, the CTB, VDRPT and TPB
- Investments in VRE will provide long term dividends for generations

# CONTACT INFORMATION

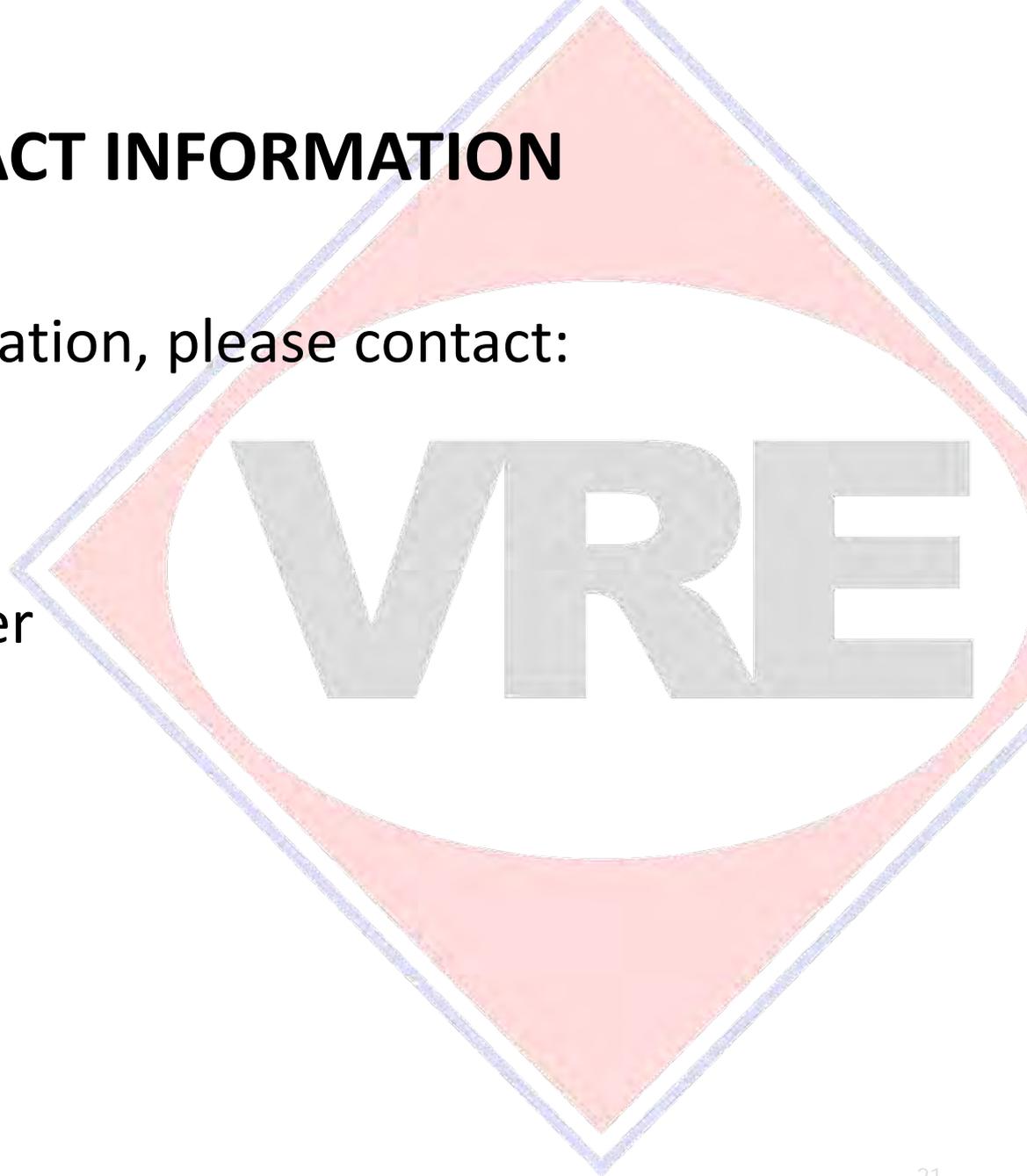
For additional information, please contact:

Doug Allen

Chief Executive Officer

703-838-5411

dallen@vre.org





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## **ITEM 11- Information**

May 21, 2014

### Briefing on the MARC Growth and Investment Plan

#### **Staff**

#### **Recommendation:**

Receive briefing on the Maryland Transit Administration (MTA) draft update of the MARC system's Growth and Investment plan.

#### **Issues:**

None

#### **Background:**

The draft update identifies improvements over the next 40 years and is an update to the original 2007 plan.

# MARC

Taking Stock and Rolling Forward



## Growth and Investment Plan Update 2013 to 2050



September 9, 2013



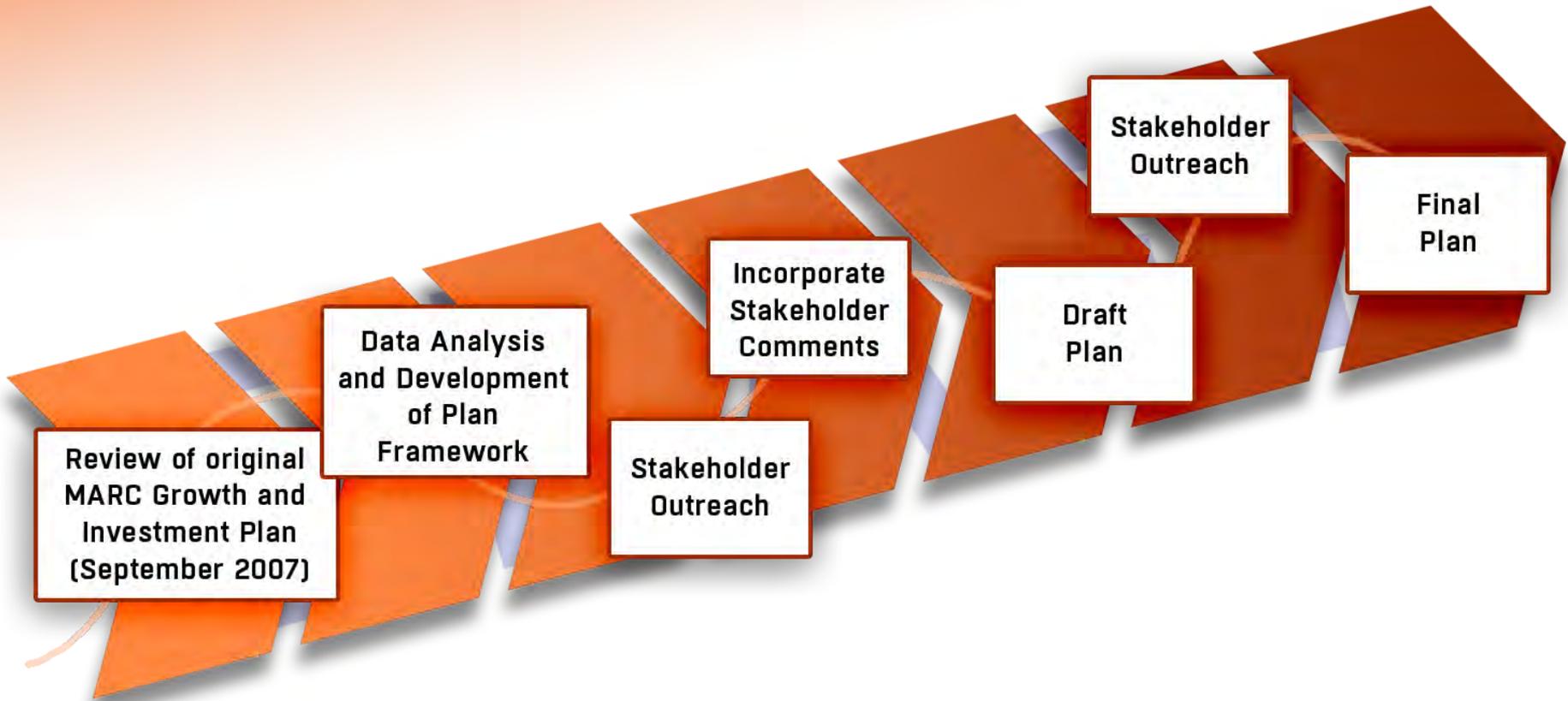
# Overview

- Introduction
  - Update Process
  - Stakeholder Outreach
  - Benefits of Investment in MARC Service
  - Challenges
- Background
  - Existing Service Map, Description and Trends
  - Objectives
  - Accomplishments
  - Major Programmed Investments
- Phased Growth and Investment Plan
  - Penn Line
  - Camden Line
  - Brunswick Line
- Next Steps

# Introduction

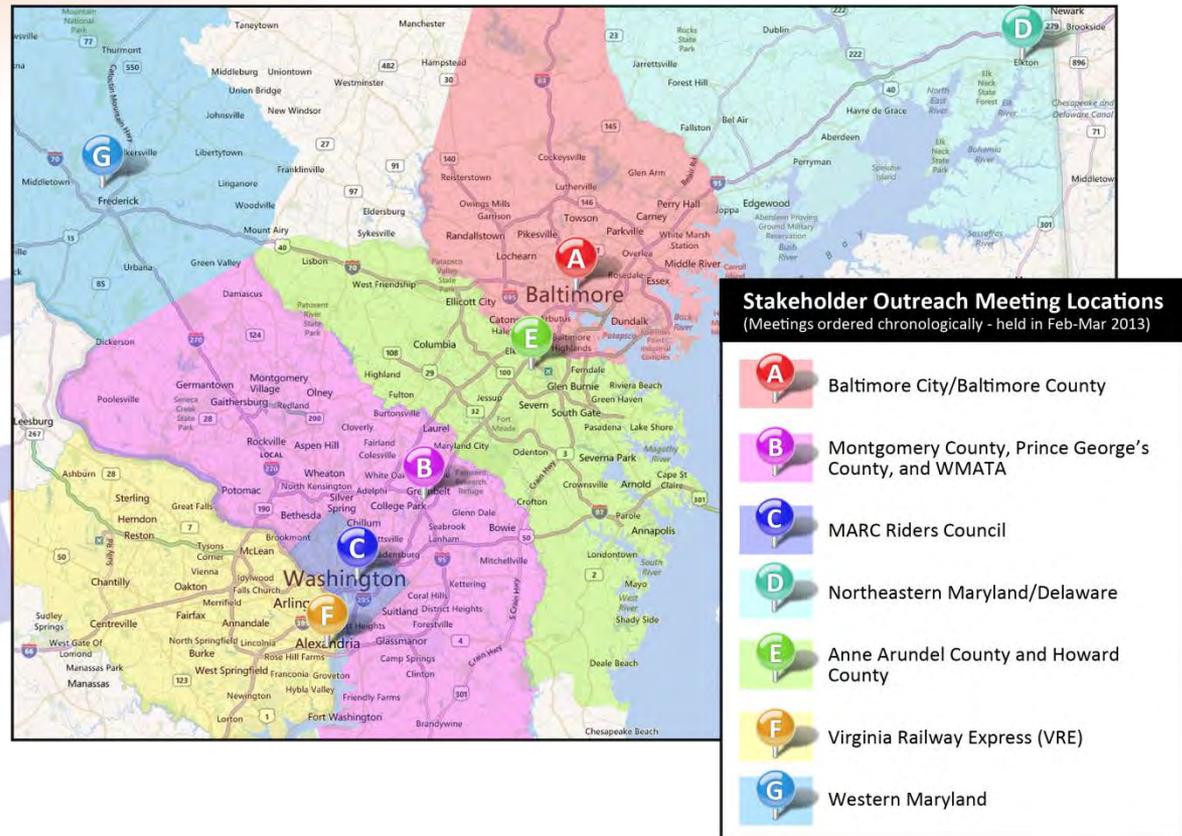
- **MTA operates MARC Train Service, a commuter rail system whose service areas include Baltimore and Washington and surrounding areas, as well as Martinsburg, West Virginia. MARC service operates on the Penn, Camden, and Brunswick Lines with an average of 36,000 daily trips.**
- **Why update the MARC Growth and Investment Plan (MGIP)?**
  - Re-align agency priorities with current economic climate and federal policy, with a focus on State of Good Repair
  - Establish bold, new objectives for MARC service
  - To get feedback and suggestions from stakeholders to improve MARC service
- **How is this plan different than the September 2007 MGIP?**
  - Presents a MARC program that ties together future ridership increases, rolling stock investments, and facility/parking expansions
  - Identifies accomplishments and benefits of targeted investment in MARC service over the last 6 years
  - Enhanced focus on Sustainability and Transit Oriented Development

# Update Process

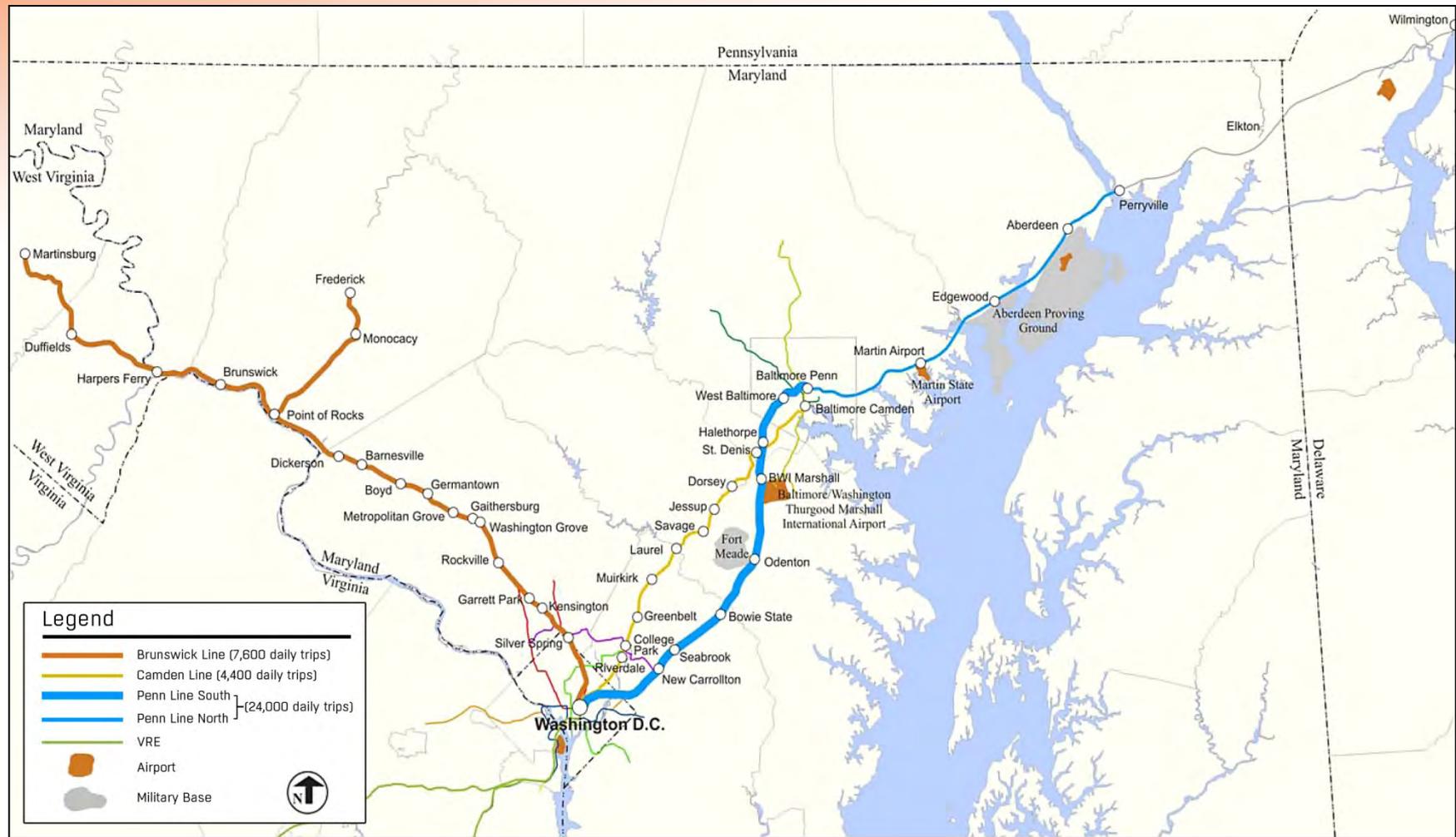


# Stakeholder Outreach

- Reviewed 2007 MARC Growth and Investment Plan.
- Discussed current MARC service, trends, and issues.
- Reviewed major programmed investments, including operating and capital projects.
- Received feedback on proposed Objectives and Timeframes.



# Existing Service



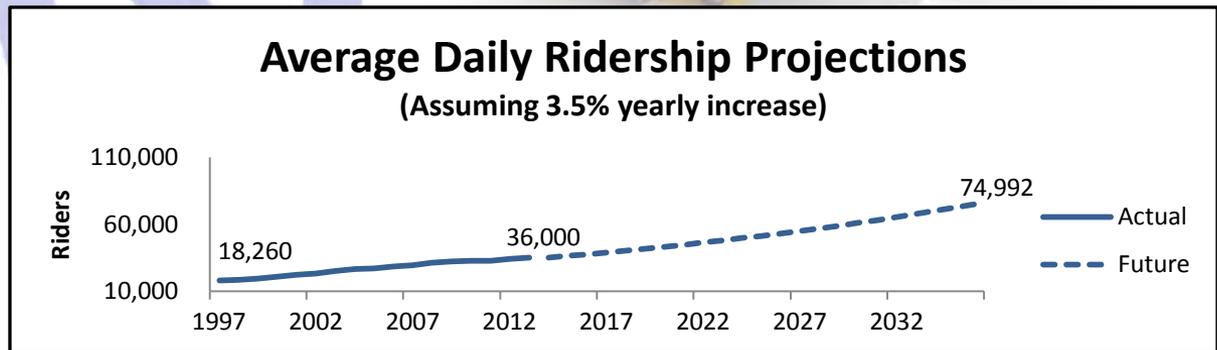
# Existing Service Description

\*2012 Statistics

	Penn Line	Camden Line	Brunswick Line
Owner/Operator	Amtrak/Amtrak	CSX/Bombardier	CSX/Bombardier
Stations	12	11	18
Route-miles	76.6	36.6	85
Weekday trains	57	18	19
Train sets	8	5	9
Frequency			
• Weekday Peak	30 min (Wash-Balt) 70 min (Wash/Balt – Perryville) 60 min (Wash/Balt-Martins)	45 min	40 min (Wash-Brunswick) 50 min (Wash-Martinsburg) 75 min (Wash – Frederick)
• Weekday Off-Peak	Hourly (Wash-Balt) 1 mid-day train in each direction (Perryville)	None	One mid-day train (Fri. only)
• Weekend	None	None	None
Daily Passenger Trips	24,000	4,400	7,600
On-Time Performance	93%	96%	90%

# Trends: Ridership

- All time record level: 36,000+ daily trips
  - Ridership has increased 3.5% annually over the past 15 years
- Average annual growth from 2007 to 2012:
  - Penn Line: 3.5%
  - Camden Line: 0.5%
  - Brunswick Line: 1.7%
- Ridership demand is expected to continue to grow at historical rates



# Trends: Parking

## Existing Conditions

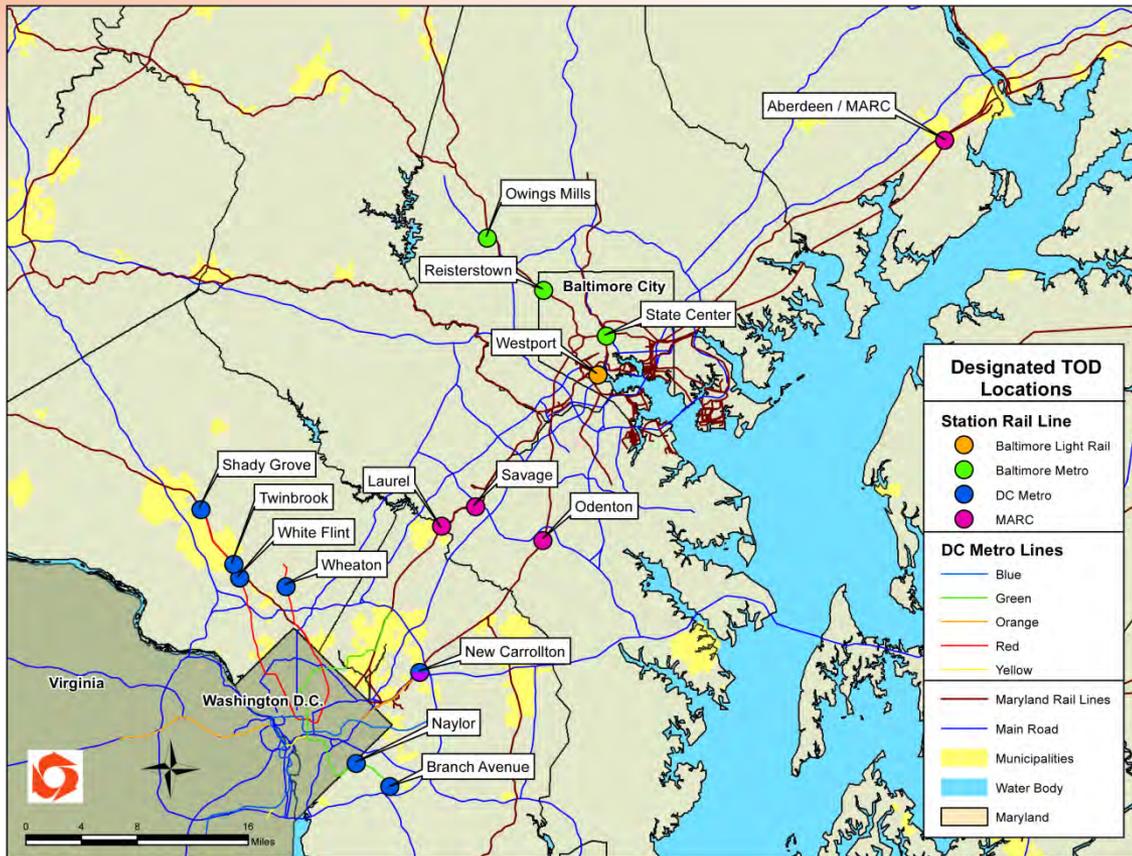
- Parking is at capacity at many stations
- Penn Line: 8 of 11 stations are at or near capacity
  - Even with current parking expansions, 9 of 11 stations will be at or near capacity by 2015
- Camden Line: Laurel is at full capacity
- Brunswick Line: Several stations will be at capacity by near term

## Long Term Outlook

- Over 70% of all MARC stations will be at capacity by 2025, requiring a targeted and phased approach to station access and parking facility management and expansion



# Trends: Sustainability



## Goals

- Support Multi-modal Transportation
- Purchase environmentally friendly locomotives
- Design and build sustainable facilities (new and rehab)

## Current Activities

- Providing enhanced bike and pedestrian access
- Alternative energy – EV Charger installations at many stations
- Green facilities (new stations and rehabs)

## Long-Term Projects

- Tier IV Locomotive Fleet (zero emissions)

# Trends: Transit Oriented Development (TOD)

- Increase the number of riders that are able to walk or bicycle to stations while reducing auto trips and sprawl development.
- Create high density mixed use (residential, office, retail) communities on existing surface parking lots within walking distance to MARC stations.



Source: BartonPartners, 2008



Source: Grimm + Parker, 2007.

- Design MARC stations that support sustainable communities and contribute to the economic health of the neighborhoods in which they are located.
- Evaluate each MARC station to determine appropriate level of TOD. As service changes, ensure that TOD addresses not only commuter needs but also permanent resident needs.

# Objectives

- **Maintain a State of Good Repair**
  - Preserve current and future rolling stock
  - Maintain existing and new facilities
  - Update and enhance rail infrastructure
- **Increase Ridership**
  - Meet ridership demand
  - Increase seats available during peak travel periods

- **Improve Service**
  - Increase peak service and off-peak service
  - Maintain reliability at 95% on-time or better
  - Provide express and limited stop service
  - Provide late evening and weekend service
- **Enhance the Customer Experience**
  - Improve communication with riders
  - Increase customer system ease-of-use

# Accomplishments: Maintain a State of Good Repair

## Objectives

- ☑ Preserve current and future rolling stock
- ☑ Maintain existing and new facilities
- ☑ Update and enhance rail infrastructure



## Accomplishments: 2007-2012

- Purchase of 26 diesel locomotives
- Purchase of 13 VRE bi-level rail cars
- MARC IIB Railcar overhaul (34)
- AEM - 7 Locomotive Overhaul (4)
- BWI 4th track Preliminary Engineering (PE)/National Environmental Protection Act (NEPA)
- Odenton, Germantown, Kensington, Edgewood, Aberdeen, and Point of Rocks parking expansions
- Complete rehab of Laurel platform
- Storage at Martin's Facility
- Interlockings on Brunswick Line
- New Stations at Halethorpe and Edgewood
- Various station platform improvements including Germantown, Gaithersburg, Metro Grove and BWI
- Brunswick and Martinsburg service facility improvements
- Frederick Maintenance Fuel Shed construction

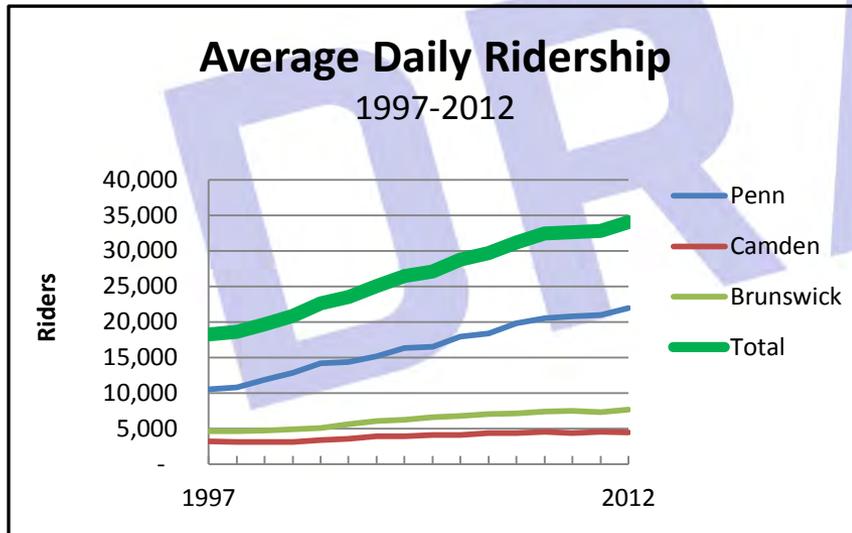
# Accomplishments: Increase Ridership

## Objectives

- ☑ Meet ridership demands
- ☑ Increase available seats during peak travel periods

## Accomplishments: 2007-2012

- **Systemwide**
  - Procurement of 54 new multi-level passenger vehicles will increase fleet by 16 railcars and allow for more capacity across all lines
- **Penn Line** – 3.5% increase in ridership
  - Expanded Martins Airport storage facility to hold an additional set of cars which allows for increased revenue frequencies
- **Camden Line** – 0.5% increase in ridership
  - CSX has completed the installation of the signaling and power switch at Dorsey which will allow MARC to expand service by operating turn back service utilizing existing equipment
  - Added 2 multi-level railcars to service
- **Brunswick Line** – 1.7% increase in ridership
  - Improved and expanded the storage facility at Martinsburg enabling the reassignment of a train set from Brunswick. This allowed MARC to provide a new frequency in the morning for the West Virginia riders and eliminate deadhead moves.



# Accomplishments: Improve Service

## Objectives

- ☑ Increase peak and off-peak service
- ☑ Maintain reliability at 95% on-time or better
- ☑ Provide express and limited stop service
- ☑ Provide late evening and weekend service



## Accomplishments: 2007-2012

- **Systemwide**
  - Implemented schedule changes on all 3 lines
- **Penn Line**
  - Added 10 revenue frequencies; 2 for BRAC Baltimore to Perryville and 8 for the Baltimore-Washington market by reducing the shop count and better utilization of equipment
  - BRAC - Reverse Commute service added
- **Brunswick Line**
  - Contracted with the local bus operator Pan Trans to meet two MARC trains at Brunswick which provide additional options for West Virginia riders
  - Added Germantown shuttle to alleviate crowding
  - CSX has completed the installation of 3 interlockings which provide additional train dispatching options, reducing freight train interference
- **Camden Line**
  - CSX has completed the installation of the signaling and power switch at Dorsey which will allow MARC to expand service by operating turn back service utilizing existing equipment

# Accomplishments: Enhance the Customer Experience

## Objectives

- ☑ Improve communication with riders
- ☑ Increase customer system ease-of-use



## Accomplishments: 2007-2012

- Improved On-Time Performance: 95% in Aug 2012
- ADA-compliant public address system and LED signs completed on Brunswick line; other lines currently under construction
- Quick Trak – Installed ticket vending machines at 16 stations
- Increased MARC Rider's Council/Meet the Managers Meetings
- MARC Newsletter
- Installed bike racks and lockers at several stations
- Installed Electric Vehicle (EV) chargers at BWI garage
- Improved MARC Tracker online interface and accuracy
- Improved subscriber e-mail alert system and Twitter
- On-line ticketing
- New Public Information System (PIDS/PA) at Washington Union Station

# Major Programmed Investments

(Greater than \$5m)

Operating	Completion Date (FY)	Cost (\$M)
Weekend Service between Washington and Baltimore	Ongoing	\$8/year

Capital	Completion Date (FY)	Cost (\$M)
MARC IV Multi-Level Railcar Procurement (54)	2015	\$159
Track Improvements on CSX lines	2015	\$51
Washington Mid-Day Storage Facility (Wedge Yard)	2014	\$48
New Diesel Locomotive Procurement (10)	2015	\$40
MARC III Coaches Overhaul (63)	2017	\$34
Halethorpe Station	2013	\$30
ADA-Compliant Public Address/LED Station Signage	2013	\$17
Procurement of Riverside Maintenance Facility	2018	\$17
Positive Train Control	2015	\$15
Diesel Locomotive Repowering (6)	2015	\$12
Hanson Interlocking	2016	\$10

# Benefits of Investment in MARC

- **Improves service for current riders**
  - Addresses existing problems with capacity, frequency, and reliability
  - Provides fast, reliable transportation in key corridors including I-95 and I-270
- **Provides framework for mobility across Maryland**
  - Strengthens economic and social ties between Baltimore and Washington
  - Serves BRAC-related travel markets (Aberdeen and Fort Meade)
  - Efficient and environmentally sustainable (air, water, energy) transportation investment
  - Reduces need to expand highways in areas with limited/expensive construction opportunities
  - Encourages efficient regional land use development and transit-oriented development (TOD)
- **Connects the region's transportation network**
  - Provides backbone for integrated Maryland region transit system
  - Supports more efficient rail freight movement
  - Offers mobility choice for commuters and regional travelers
  - Connectivity with Commuter Bus, Locally Operated Transit Systems (LOTS) and future Red/Purple Lines

# Challenges

## Challenges to future growth

- Acquisition of property and development of Penn Line Maintenance Facility
- Capacity constraints for overnight and midday storage at Martins, Baltimore and Washington Union Terminal
- Balancing MARC growth with the demand for improvements and potential state investment in the Northeast Corridor
- Insufficient track capacity on all three lines
- Available Parking at many stations is maxed out
- Minimal growth on Camden and Brunswick Lines
- Trains are crowded during rush hour
- Insufficient spare equipment
- MARC scheduling flexibility and ability to expand service constrained by infrastructure and presence of other operators (Amtrak and freight)
- Dated technological resources
- Inability to react and be flexible to changing markets

# Phased Growth and Investment Plan

## Timeframes

- Near-Term – Programmed investments between 2013 and 2019
- Long-Term – Potential investments between 2020 and 2029
- Future – Potential investments between 2030 and 2050



# Penn Line: Near-Term 2013-2019 (Planned)

## Maintain a State of Good Repair - \$56 million\*

- Halethorpe – New station and platforms
- Penn Station improvements (Bathrooms and Maintenance’s office area)
- Hanson Interlocking
- Positive Train Control
- West Baltimore parking expansion

## Increase Ridership - \$10 million\*

- Weekend service between Baltimore-Washington
- Expanding utilization of Commuter Bus and LOTS systems to increase connectivity

## Improve Service - \$40 million\*

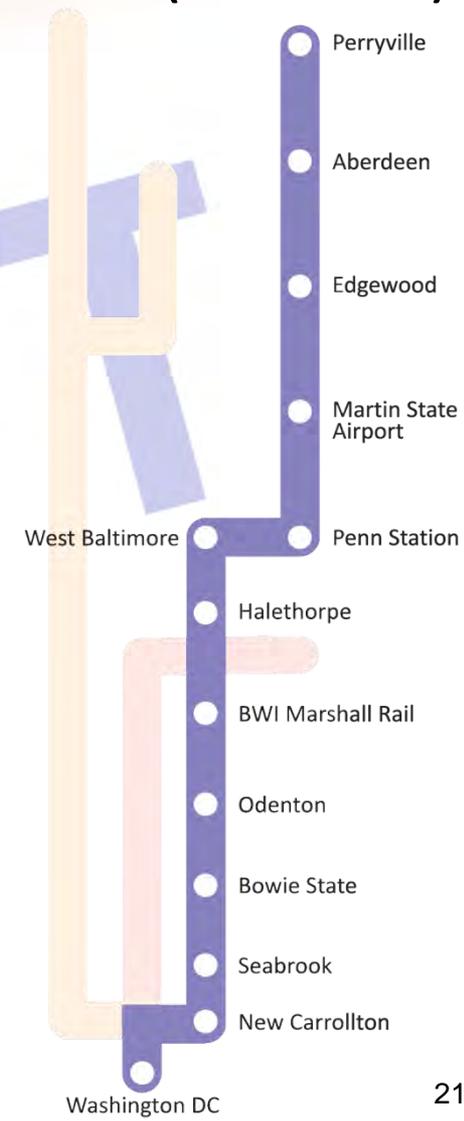
- Washington Mid-Day Storage Facility (Wedge Yard)
- Maintain 94-95% on-time performance

## Enhance the Customer Experience - \$27 million\*

- ADA-Compliant Public Address System and LED signage
- Develop system uniformity standards (aesthetics, signage, brand)
- Closed Circuit Television System through Homeland Security Grants
- Install additional bike racks/lockers at stations
- Increase EV chargers available to riders

## Systemwide - \$254 million\*

- Procure 54 MARC IV multi-level railcars to replace plus increase number of seats - \$180 million
- Procure 10 new diesel locomotives to replace electric locomotives - \$40 million
- Overhaul 63 MARC III railcars - \$34 million



\*Certain additional costs yet to be determined.

# Penn Line: Long-Term 2020 to 2029 (Potential)

## Maintain a State of Good Repair - \$707 million\*

- Platform Construction at New Carrollton #1 Track
- Parking Facility Expansions:
  - Aberdeen, Halethorpe, Seabrook, and Bowie State
- Odenton - TOD, parking garage, and platform extension
- Penn Station improvements
- Station upgrade/construction for Elkton station
- Upgrade Perryville station to handle NB trains
- New stations at West Baltimore and Bayview

## Increase Ridership - \$93 million\*

- Washington-Baltimore:
  - Expanded peak and reverse peak hours
  - 30-minute headway off-peak service
- New Bayview station
- Penn North Shuttle – Link with SEPTA

## Improve Service - \$480 million\*

- New BWI Station
- Semi-express trains between Baltimore-Washington
- Expand and enhance Martins maintenance capacity
- Connectivity with Red Line at West Baltimore and new Bayview Stations
- Overnight Storage and Maintenance Facility-Penn Line north
- Washington Terminal planned expansion
- Maintain 94-95% on-time performance

## Enhance the Customer Experience - \$19 million\*

- Pedestrian overpass at Odenton
- E-Ticketing
- EV charger installations
- Install additional bike racks/lockers at stations

## Systemwide- \$138 million\*

- Overhaul 26 MP36 diesel locomotives - \$65M
- GP39 (6) Repower 6 GP39 diesel locomotives - \$15M
- Overhaul 34 MARC IIB railcars - \$31M
- Overhaul 54 MARC IV multi-level railcars - \$27M



\*Certain additional costs yet to be determined.

# Penn Line: Future 2030 to 2050 (Potential)

## Maintain a State of Good Repair

- Parking facility expansion and platform rehabilitation (Locations to be determined)
- 4 track additions
  - Penn Station to Perryville
  - BWI Airport to New Carrollton
  - Union Tunnel – complete 4 track railroad through Baltimore city
- New Bush River crossing - total of 4 main tracks (Amtrak funded)
- New Susquehanna River crossing - total of 4 main tracks (Amtrak funded)
- Amtrak B&P Tunnel replacement and rehab of existing tunnel for MARC use (Amtrak funded)
- Station modifications to support 4 main tracks at BWI, Odenton, Bowie State, Seabrook, and New Carrollton
- Canopy construction at Seabrook, Odenton, Bowie State, Martin Airport, and Perryville

## Increase Ridership

- Washington-Baltimore:
  - Expanded peak and reverse peak service
  - Additional peak express service
  - Off-peak local and limited stop service
- North of Baltimore:
  - Aberdeen: Expansion of peak and introduction of limited peak service
- MARC service extended to L’Enfant Plaza and Northern Virginia

## Improve Service

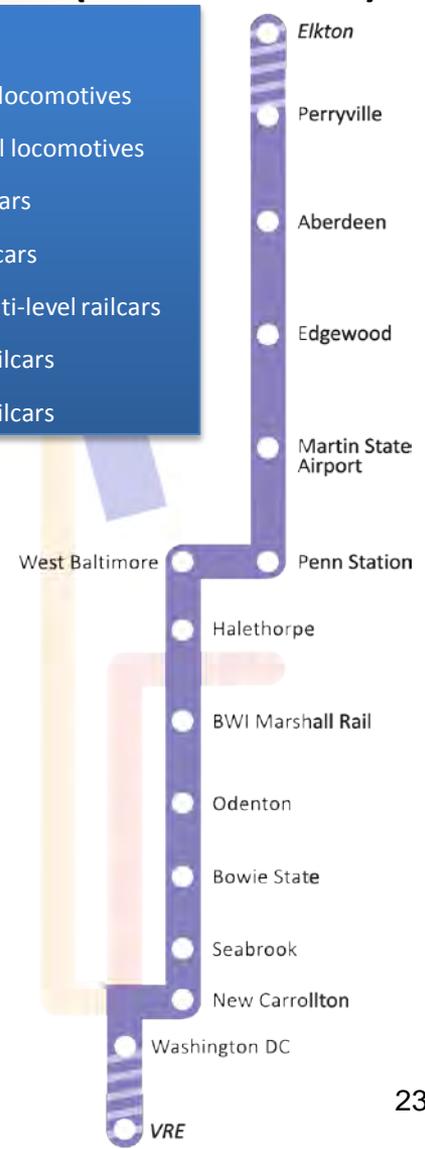
- Full 4-track railroad provides MARC with flexibility to optimize service to meet and anticipate demand
- Connectivity with Baltimore regional transit
- Washington Union Station Master Plan
- Maintain 94-95% on-time performance

## Enhance the Customer Experience

- Expanded TOD presence
- EV charger installations
- Installation of bike racks/lockers at stations

Systemwide

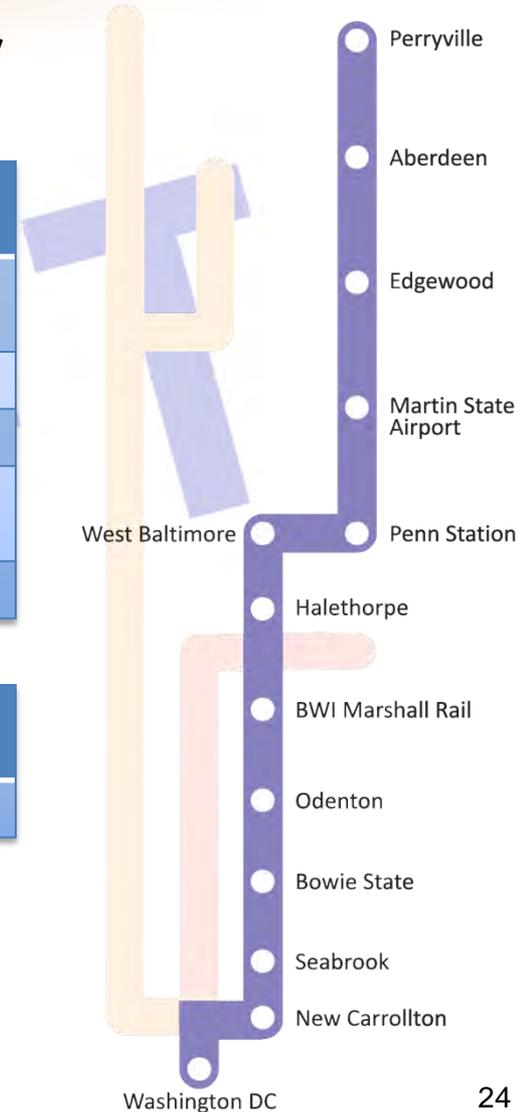
- Overhaul 26 MP36 diesel locomotives
- Purchase expansion diesel locomotives
- Replace 34 MARC IIB railcars
- Overhaul 63 MARC III railcars
- Overhaul 54 MARC IV multi-level railcars
- Overhaul 50 expansion railcars
- Purchase 50 expansion railcars



# Penn Line – Summary

Penn Line Capital Improvements	Near-Term Cost (\$M)	Long-Term Cost (\$M)	Total Cost (\$M)
Maintain a State of Good Repair	\$56*	\$707*	\$763*
Increase Ridership	\$0*	\$90*	\$90*
Improve Service	\$40*	\$480*	\$520*
Enhance the Customer Experience	\$27*	\$19*	\$46*
<b>TOTAL</b>	<b>\$123*</b>	<b>\$1,296*</b>	<b>\$1,419*</b>

Penn Line Operating Improvements	Near-Term Cost (\$M)	Long-Term Cost (\$M)
Incremental Operating Costs	\$10/year*	\$6/year*



\*Certain additional costs yet to be determined.

# Camden Line: Near-Term 2013 to 2019 (Planned)

## Maintain a State of Good Repair - \$16 million\*

- College Park platform construction and shelter addition
- Positive train control

## Increase Ridership - \$10 million\*

- Lengthen existing trains to accommodate growing ridership
- Savage TOD project/garage and pedestrian crossover

## Improve Service - \$2 million\*

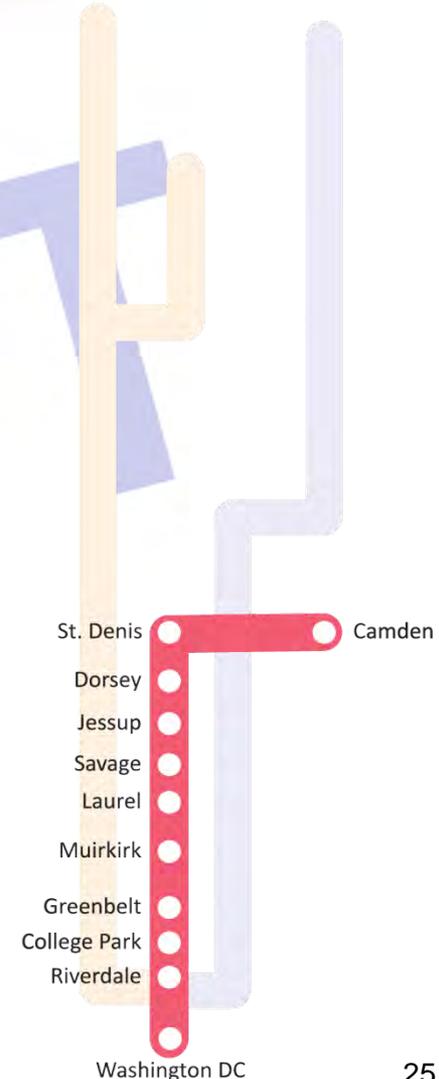
- Add two more roundtrips
- Turn back service between Washington-Dorsey
- Maintain reliability at 95%

## Enhance the Customer Experience - \$7 million\*

- ADA-Compliant Public Address System and LED signage
- Develop system uniformity standards (aesthetics, signage, brand)
- Closed Circuit Television System through Homeland Security Grants
- Install additional bike racks/lockers at stations
- Increase EV chargers available to riders

**Systemwide - \$254 million\***

- Procure 54 MARC IV multi-level railcars to replace plus increase number of seats - \$180 million
- Procure 10 new diesel locomotives to replace electric locomotives - \$40 million
- Overhaul 63 MARC III railcars - \$34 million



\*Certain additional costs yet to be determined.

# Camden Line: Long-Term 2020 to 2029 (Potential)

## Maintain a State of Good Repair – \$126 million\*

- Parking facility expansions
  - Laurel
  - Muirkirk
  - Laurel Park Raceway
- Extend 3<sup>rd</sup> main track Savage-Laurel to reduce congestion
- Muirkirk Station – Canopy and station improvements tied to ICC completion
- Dorsey platform rehabilitation
- New Station at Camden

## Increase Ridership - \$3 million\*

- Additional peak and reverse peak trains
- Improved rail-bus transfers and connecting bus service to Ft. Meade area from Savage
- Additional mid-day afternoon train

## Improve Service - \$51 million\*

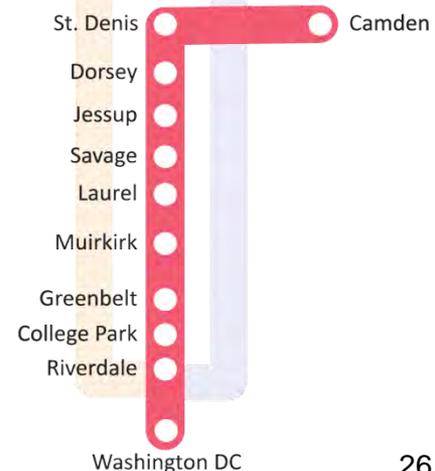
- One additional reverse peak service
- Washington Terminal planned expansion
- Maintain reliability at 95%

## Enhance the Customer Experience - \$9 million\*

- E-Ticketing
- Install additional bike racks/lockers at stations
- Increase EV chargers available to riders

**Systemwide- \$138 million\***

- Overhaul 26 MP36 diesel locomotives - \$65M
- GP39 (6) Repower 6 GP39 diesel locomotives - \$15M
- Overhaul 34 MARC IIB railcars - \$31M
- Overhaul 54 MARC IV multi-level railcars - \$27M



\*Certain additional costs yet to be determined.

# Camden Line: Future 2030 to 2050 (Potential)

## Maintain a State of Good Repair

- Parking facility expansions as needed
- Investments to support service extension from Camden through Baltimore terminal
- Continued expansion to 3 main tracks between Baltimore-Washington

## Increase Ridership

- Peak headways reduced to 20 minutes

## Improve Service

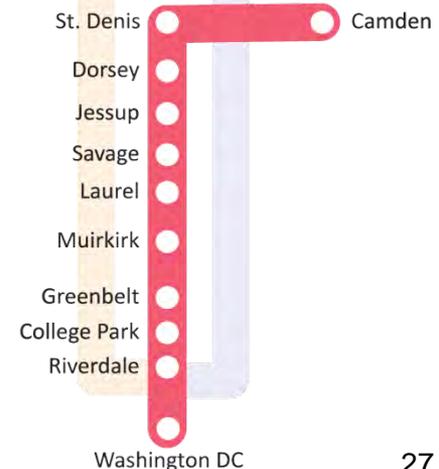
- Limited mid-day service
- Weekend service
- Washington Union Station Master Plan
- Maintain 95% on-time performance

## Enhance the Customer Experience

- Expanded TOD presence
- Install additional bike racks/lockers at stations
- Increase EV chargers available to riders

### Systemwide

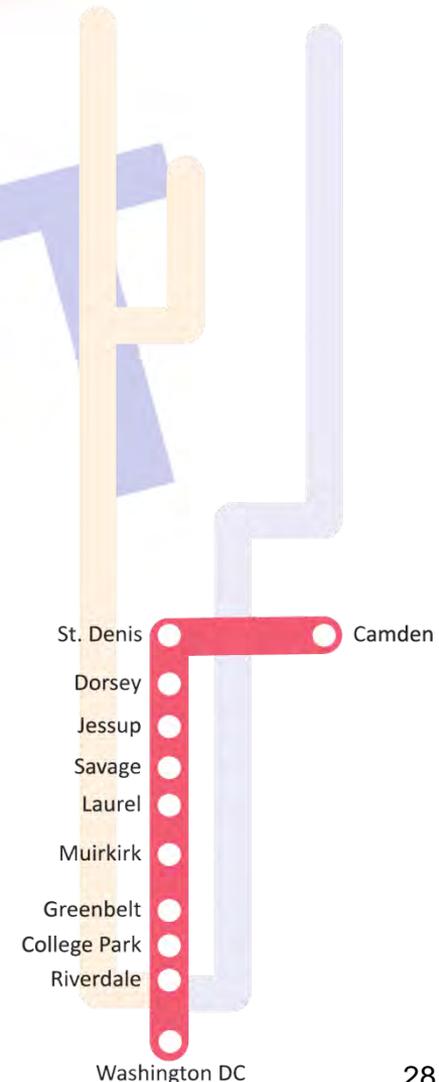
- Overhaul 26 MP36 diesel locomotives
- Purchase expansion diesel locomotives
- Replace 34 MARC IIB railcars
- Overhaul 63 MARC III railcars
- Overhaul 54 MARC IV multi-level railcars
- Overhaul 50 expansion railcars
- Purchase 50 expansion railcars



# Camden Line – Summary

Camden Line Capital Improvements	Near-Term Cost (\$M)	Long-Term Cost (\$M)	Total Cost (\$M)
Maintain a State of Good Repair	\$16*	\$126*	<b>\$142*</b>
Increase Ridership	\$10*	\$0*	<b>\$10*</b>
Improve Service	\$0*	\$51*	<b>\$51*</b>
Enhance the Customer Experience	\$7*	\$9*	<b>\$16*</b>
<b>TOTAL</b>	<b>\$33*</b>	<b>\$186*</b>	<b>\$219*</b>

Camden Line Operating Improvements	Near-Term Cost (\$M)	Long-Term Cost (\$M)
Incremental Operating Costs	\$2/year*	\$4/year*



\*Certain additional costs yet to be determined.

# Brunswick Line: Near-Term 2013 to 2019 (Planned)

## Maintain a State of Good Repair -

**\$50 million\***

- Explore parking facility expansions
- Positive train control

## Increase Ridership - \$1 million\*

- Lengthen existing trains to accommodate growing ridership
- Expand “Meet the MARC” connecting services

## Systemwide - \$254 million\*

- Procure 54 MARC IV multi-level railcars to replace plus increase number of seats - \$180 million
- Procure 10 new diesel locomotives to replace electric locomotives - \$40 million
- Overhaul 63 MARC III railcars - \$34 million

## Improve Service – \$1 million\*

- Expanding utilization of LOTS systems to increase connectivity
- Maintain 94-95% on-time performance

## Enhance the Customer Experience - \$7 million\*

- ADA-Compliant Public Address System and LED signage
- Develop system uniformity standards (aesthetics, signage, brand)
- Closed Circuit Television System through Homeland Security Grants
- Install additional bike racks/lockers at stations
- Increase EV chargers available to riders



\*Certain additional costs yet to be determined.

# Brunswick Line: Long-Term 2020 to 2029 (Potential)

## Maintain a State of Good Repair - \$176 million\*

- 3 main tracks, Barnesville Hill
- Add another new Montgomery County station or expand an existing station
- Point of Rocks platform expansion providing access to Frederick branch and improved facilities
- Parking facility expansions as deemed necessary
  - Germantown Parking Garage
- Brunswick parking lot – additional access point
- Duffields – potential new station at Northport
- Brunswick Maintenance service facility expansion

### Systemwide- \$138 million\*

- Overhaul 26 MP36 diesel locomotives - \$65M
- GP39 (6) Repower 6 GP39 diesel locomotives - \$15M
- Overhaul 34 MARC IIB railcars - \$31M
- Overhaul 54 MARC IV multi-level railcars - \$27M

## Increase Ridership - \$26 million\*

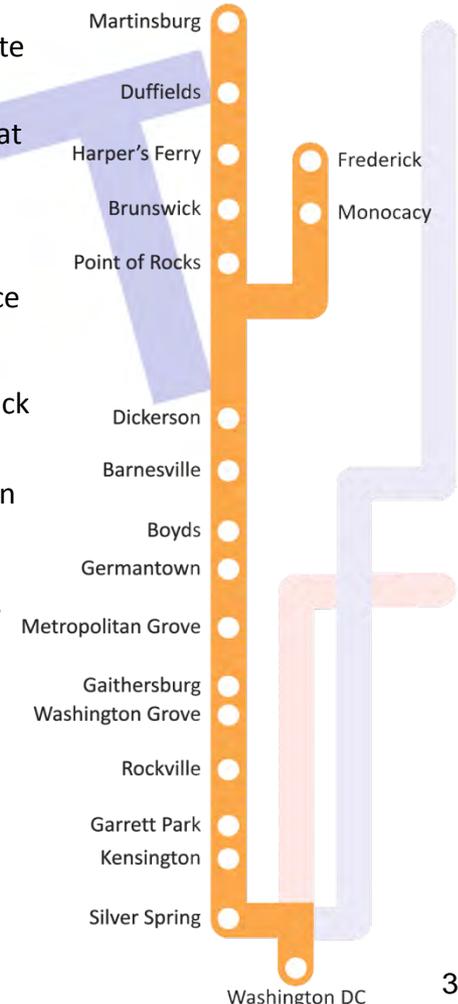
- Lengthen existing trains to accommodate growing ridership
- New Corridor Cities Transitway Station at Metropolitan Grove

## Improve Service - \$55 million\*

- Increase limited stop and express service
- One reverse peak service to Brunswick
- One additional round trip from Brunswick to DC
- Washington Terminal planned expansion
- Maintain 94-95% on-time performance

## Enhance the Customer Experience - \$8 million\*

- E-Ticketing
- Harpers Ferry ADA improvements
- Install additional bike racks/lockers at stations
- Increase EV chargers available to riders



\*Certain additional costs yet to be determined.

# Brunswick Line: Future 2030 to 2050 (Potential)

## Maintain a State of Good Repair

- Additional triple tracking
- Parking facility expansions to be determined

## Increase Ridership

- Lengthen existing trains to accommodate growing ridership

### Systemwide

- Overhaul 26 MP36 diesel locomotives
- Purchase expansion diesel locomotives
- Replace 34 MARC IIB railcars
- Overhaul 63 MARC III railcars
- Overhaul 54 MARC IV multi-level railcars
- Overhaul 50 expansion railcars
- Purchase 50 expansion railcars

## Improve Service

- Increased peak and off-peak service
- Reverse commute service
- Improve Frederick branch service – 30 minute peak headway, increase number of trains from 3 to 6
- Limited reverse-peak service
- Washington Union Station Master Plan
- Maintain 94-95% on-time performance

## Enhance the Customer Experience

- Expanded TOD presence
- Install additional bike racks/lockers at stations
- Increase EV chargers available to riders



# Brunswick Line – Summary

Brunswick Line Capital Improvements	Near-Term Cost (\$M)	Long-Term Cost (\$M)	Total Cost (\$M)
Maintain a State of Good Repair	\$50*	\$176*	\$226*
Increase Ridership	\$0*	\$25*	\$25*
Improve Service	\$0*	\$55*	\$55*
Enhance the Customer Experience	\$7*	\$8*	\$15*
<b>TOTAL</b>	<b>\$57*</b>	<b>\$264*</b>	<b>\$321*</b>

Brunswick Line Operating Improvements	Near-Term Cost (\$M)	Long-Term Cost (\$M)
Incremental Operating Costs	\$2/year*	\$6/year*



\*Certain additional costs yet to be determined.

## Overall Summary

All Capital Improvements	Near-Term Cost (\$M)	Long-Term Cost (\$M)	Total Cost (\$M)
Systemwide	\$254	\$138	<b>\$392</b>
Penn Line	\$123	\$1,296	<b>\$1,419</b>
Camden Line	\$33	\$186	<b>\$219</b>
Brunswick Line	\$57	\$264	<b>\$321</b>
<b>TOTAL</b>	<b>\$467</b>	<b>\$1,884</b>	<b>\$2,351</b>

All Operating Improvements	Near-Term Cost (\$M)	Long-Term Cost (\$M)
Incremental Operating Costs	\$14/year	\$16/year

Please provide your comments on the  
Draft MARC Growth and Investment Plan Update at:

[MGIP@mta.maryland.gov](mailto:MGIP@mta.maryland.gov)

Or mail your comments to:

Maryland Transit Administration  
Office of Planning and Programming  
6 St. Paul Street, Room 923  
Baltimore, Maryland 21202

## **ITEM 12- Notice**

May 21, 2014

Notice of a Proposed Amendment to the FY 2013-2018 TIP that is Exempt from the Air Quality Conformity Requirement to Update Projects and Funding in the District of Columbia Section of the FY 2013-2018 TIP

Notice is provided that the District Department of Transportation (DDOT) has requested an amendment to update projects and funding in the District section of the FY 2013-2018 TIP. The Board will be asked to approve this amendment at the June 18 meeting.

**GOVERNMENT OF THE DISTRICT OF COLUMBIA**  
**DEPARTMENT OF TRANSPORTATION**



**d. Policy, Planning and Sustainability Administration**

May 15, 2014

The Honorable Patrick Wojahn, Chairperson  
National Capital Region Transportation Planning Board  
Metropolitan Washington Council of Governments  
777 North Capitol Street N.E., Suite 300  
Washington, DC 20002-4290

Dear Chairman Wojahn,

The District Department of Transportation (DDOT) requests that the FY 2013-2018 Transportation Improvement Program (TIP) be amended to include the District's updated Obligation Plan.

The Obligation Plan is a six-year plan for obligating (initiating) projects. DDOT updates its Obligation Plan annually. The proposed amendment will update the District's element of the FY 2013-2018 TIP with project information and additional funding for the FY 2014-2018 program years as reflected in DDOT's most recently approved Obligation Plan.

We appreciate your cooperation in this matter. Should you have questions regarding this amendment, please contact Mark Rawlings at (202) 671-2234 or by e-mail at [mark.rawlings@dc.gov](mailto:mark.rawlings@dc.gov). Of course, feel free to contact me directly.

Sincerely,

A handwritten signature in black ink, appearing to read 'S. Zimbabwe'.

Samuel Zimbabwe  
Associate Director, Policy, Planning, and Sustainability Administration (PPSA)

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

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

### Interstate

#### 11th Street Bridges and Interchange Reconstruction

TIP ID: 3193	Agency ID: CD056A	Title: 11th Street Bridges SE, Replace and Reconfigure							
Facility: 11th Street Bridge and Interchan	NHPP	80/20/0		22,500 c	10,000 c	5,000 c			37,500
From:									<b>Total Funds: 37,500</b>
To:									

Description: To replace existing structure with new structures and provide direct access from I-295 to Downtown DC (via I-395).

TIP ID: 5554	Agency ID: HTF02A	Title: Garvee Bond Debt Service							
Facility:	NHPP	80/20/0		11,763 c	11,768 c	11,770 c	11,774 c	11,772 c	58,847
From:									<b>Total Funds: 82,389</b>
To:									

Description: This project consist of rehabilitation of existing deck, steel beams.

#### Rehabilitation of I-395 HOV Bridge over Potomac River

TIP ID: 6187	Agency ID: MRR27A	Title: Rehabilitation of I-395 HOV Bridge over Potomac River							
Facility: I-395 HOV	NHPP	80/20/0		750 a					750
From: Over Potomac River									<b>Total Funds: 750</b>
To: Over Potomac River									

Description: Repair extensive pier cracking, superstructure and substructure rehabilitation.

#### Return to L'Enfant

TIP ID: 5718	Agency ID:	Title: Return to L'Enfant							
Facility: I Center Leg Freeway	PRIV	0/0/0	12,000 a	50,000 c	50,000 c	50,000 c	50,000 c		200,000
From: Massachusetts Avenue, NW									<b>Total Funds: 200,000</b>
To: E St., NW (Between 2nd & 3rd)									

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

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

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

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

**Anacostia Waterfront Initiative**

<b>TIP ID: 3290</b>		<b>Agency ID: SR049A</b>		<b>Title: Reconstruction of Kenilworth Avenue, NE</b>					
Facility: Kenilworth Ave, NE	NHPP	80/20/0						13,050 c	13,050
From: East Capitol St Ramp	NHS	80/20/0	750 a						750
To: Rail Over Pass north of Benning Rd									
<b>Total Funds:</b>									<b>13,800</b>

Description: 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.

<b>TIP ID: 5723</b>		<b>Agency ID: AW027A</b>		<b>Title: St. Elizabeths Campuses Access Improvements</b>					
Facility:	GSA Earmark	80/20/0		6,420 a	2,440 a	31,420 c	24,800 c		108,980
From:						43,900 c			
To:									
<b>Total Funds:</b>									<b>108,980</b>

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

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

<b>TIP ID: 5802</b>		<b>Agency ID: CD044A</b>		<b>Title: Program Manager AWI</b>					
Facility: Citywide	NHPP	80/20/0		7,500 a	7,500 a	7,500 a	7,500 a	7,500 a	37,500
From:									
To:									
<b>Total Funds:</b>									<b>52,500</b>

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.

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

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>South Capitol Street</b>									
TIP ID: 3423 Agency ID: AW011, AW024A, Title: South Capitol Street Corridor									
Facility:	DEMO	80/20/0		36,018 c	6,094 c				42,112
From: N St, MLK Ave, Suitland Pkwy, Memorial Bri	District	0/100/0			78,280 c	64,750 c	22,350 c	18,650 c	184,030
To:	GARVEE	80/20/0				67,770 c	117,290 c	106,230 c	291,290
	NHPP	80/20/0					22,320 c	14,420 c	36,740
									<b>Total Funds: 554,172</b>

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

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

TIP ID: 6038 Agency ID: Title: Garvee Debt Service									
Facility:	NHPP	80/20/0				12,320 c	18,030 c	18,030 c	48,380
From:									
To:									
									<b>Total Funds: 84,440</b>

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

<b>South Capitol Street Trail</b>									
TIP ID: 6114 Agency ID: ZUT10C Title: South Capitol Street Trail									
Facility:	CMAQ	80/20/0		700 a			7,700 c		8,400
From:									
To:									
									<b>Total Funds: 8,400</b>

Description: Design and construct a paved bicycle and pedestrian trail along South Capitol Street based on the 2010 concept plan.

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

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**Secondary****Columbia Road NW, Reconstruction 16th to 18th Streets and Resurface 18th Street to Conn Ave**

TIP ID: **6189** Agency ID: **MRR24A** Title: **Columbia Road, NW, Reconstruction 16th to 18th Streets and Resurface 18th Street to Connec**

Facility: Columbia Road, NW  
From: 16th Street, NW  
To: Connecticut Ave, NW

**Total Funds: 1,000**

Description: Pavement reconstruction from 16th to 18th Street to remove old streetcar tracks and Resurface from 18th Street to Connecticut Ave. Improve curb and gutter, sidewalk, streetlight, traffic signals, upgrade ADA ramps, drainage catch basins, add LID's, median planter and replace trees.

**East Capitol Street Pedestrian Safety Project**

TIP ID: **6315** Agency ID: **SR086A** Title: **East Capitol Street Corridor Mobility & Safety Plan**

Facility: Street  
From:  
To:

**Total Funds: 3,800**

Description: Design and Construct pedestrian safety and traffic operations improvements

**Livability Program**

TIP ID: **6234** Agency ID: **PM081A** Title: **LP\_Far Northeast Livability Plan - 49th Street**

Facility: 49th Street, NE  
From: East Capitol Street, NE  
To: Minnesota Avenue, NE

**Total Funds: 1,611**

Description: Develop design plans and construction documents for the implementation of traffic calming measure recommended in the Far Northeast Livability Study. Construct improvements and provide Construction Engineering Services.

TIP ID: **6237** Agency ID: **ZU020A** Title: **LP\_Far Northeast Livability - Collector Road Management/Florida Avenue**

Facility: Florida Avenue, NE  
From: 2nd Street, NE  
To: 12 Street, NE

**Total Funds: 375**

Description: This project will undertake a planning and transportation analysis effort to assess options that will improve safety and create/maintain an acceptable level of service for all users along this corridor. This project will examine the existing and future traffic, transit, pedestrian and bicycling conditions to improve safety and access related to street crossings, transit stops, sidewalks, general traffic and truck traffic along the corridor. The Consultant shall work in close coordination with DDOT, community and agency stakeholders in addressing their concerns. Proposed improvements will be in accordance with the 2009 DDOT Design and Engineering Manual, 2009 DDOT Standard Details, 2009 DDOT Standard Specifications for Highways and Structures, Manual on Uniform Traffic Control Devices (MUTCD), American Association of State Highway and Transportation Officials (AASHTO), DDOT Bicycle and Pedestrian Design Guides, DDOT's Complete Street Policy, and other guidelines, standards and specifications as appropriate. The project builds on past and ongoing land use and planning projects including the NoMa Neighborhood Access Study and Transportation Management Plan (2010), the Florida Avenue Market Small Area Plan (2009), the Metro bus U Street-Garfield Line Study (2011), the Gallaudet University Campus Master Plan (ongoing), and other relevant planning studies. Additionally, the project will build upon DDOT's TOA Safety Projects within the project boundaries.

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

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

TIP ID: **6184** Agency ID: **OSS14A** Title: **Mid City East**

Facility: Eckington, Bloomingdale, LeDroit, Hannover	STP	80/20/0			500 d		2,500 c		3,000
From: Eckington									
To: Shaw									
<b>Total Funds:</b>									<b>3,000</b>

Description: The Mid City East Livability Study seeks to improve physical connectivity among the neighborhoods of Mid City East and their connections to the opportunities and assets of the larger city. Local transportation networks are envisioned as safe and comfortable for travelers of all ages and abilities, contributing to the health of the community and environment and celebrating local identity.  
The study covers the neighborhoods of Eckington, Bloomingdale, LeDroit, Hannover-Bates, and parts of Shaw.

**Neighborhood Roadside Improvements**

TIP ID: **5295** Agency ID: **SR071A, SR073A** Title: **Capitol Hill Transportation Study Infrastructure Improvements**

Facility: 17th and 19th Street Corridor	STP	80/20/0	3,900 c	1,950 c					5,850
From:									
To:									
<b>Total Funds:</b>									<b>5,850</b>

Description: The project includes the design and/or construction of infrastructure improvements recommended in the Capitol Hill Transportation Study. The improvements aim to enhance pedestrian and vehicle safety, traffic calming, neighborhood circulation and access at select intersections and streets throughout Capitol Hill.  
  
Review of Capitol Hill Study recommendation to address today's safety and transportation issues along this corridor.  
A. Capitol Hill Infrastructure Improvements, 17th St  
B. Capitol Hill Infrastructure Improvements, 19th St.

**Bike/Ped**

**Capital Cresent Trail Resurfacing**

TIP ID: **6192** Agency ID: **PM0D6A** Title: **Capital Cresent Trail Resurfacing**

Facility: Capital Cresent Trail	NRT	80/20/0		700 c					700
From: Georgetown									
To: MD Border									
<b>Total Funds:</b>									<b>700</b>

Description: This project will provide a comprehensive inventory of all traffic control and parking signs on District streets and an integrated information maintenance system for tracking, public information, and sign life cycle maintenance. Additionally, evaluate and recommend signs for compliance with state and federal standards, remove and/or replace deficient signs, and establish annual sign maintenance and inspection program. 

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

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>District-wide Bicycle and Pedestrian Management Program</b>									
TIP ID: 3232 Agency ID: CM064A, ZUT06A, Title: Bicycle and Pedestrian Management Program									
Facility: Citywide	CMAQ	80/20/0	1,770 c	1,165 c	250 a	605 c	1,165 c	165 c	5,615
From:					495 c				
To:									
<b>Total Funds:</b>									<b>5,945</b>

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

- a. Bicycle Parking Racks
- b. Bicycle Lanes and Signs (mark dedicated bicycle lanes, including signage)
- c. BIKE\_Capital Bikeshare (CaBi)

**Klingle Trail**

TIP ID: 2806 Agency ID: SR065A Title: Klingle Trail									
Facility: Klingle Road NW	CMAQ	80/20/0		7,500 c					7,500
From: Porter Street NW									
To: Woodley Road NW									
<b>Total Funds:</b>									<b>7,500</b>

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

**Maryland Avenue Pedestrian Safety Project**

TIP ID: 6014 Agency ID: SR088A Title: Maryland Avenue NE Road Diet									
Facility: Maryland Ave. NE	STP	80/20/0			300 a	3,300 c			3,600
From: 2nd Street NE									
To: 15th Street NE									
<b>Total Funds:</b>									<b>3,600</b>

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

**Metropolitan Branch Trail**

TIP ID: 3228 Agency ID: AF073A, ZU024A Title: Metropolitan Branch Trail									
Facility: Union Station District Line	CMAQ	80/20/0	400 a		3,300 c	2,200 c			5,900
From:									
To:	DEMO	80/20/0		732 a	1,200 c				1,932
<b>Total Funds:</b>									<b>7,832</b>

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

- a. L & M St.
- b. Ft. Totten

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

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

<b>TIP ID: 2796</b>	<b>Agency ID: AF066A</b>	<b>Title: National Recreational Trails</b>							
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Facility: Citywide	NRT	80/20/0	825 a	300 a	300 a	600 a	300 a	300 a	2,625
From:									
To:									
<b>Total Funds:</b>									<b>3,225</b>

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 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).

<b>TIP ID: 6230</b>	<b>Agency ID: ZU010A</b>	<b>Title: New York Avenue Trail</b>							
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Facility: Paved trail/sidewalk	CMAQ	80/20/0	100 a	300 a					400
From:									
To:									
<b>Total Funds:</b>									<b>400</b>

Description: Design and build a new trail along New York Avenue NE.

<b>TIP ID: 6243</b>	<b>Agency ID: ZU009A</b>	<b>Title: Suitland Parkway Trail Rehabilitation</b>							
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Facility: paved mult-use trail	NRT	80/20/0		300 a	3,300 c				3,600
From:									
To:									
<b>Total Funds:</b>									<b>3,600</b>

Description: Rehabilitate the Suitland Parkway Trail

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

			Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Oxon Run Trail Restoration</b>												
TIP ID: 2780	Agency ID: AF089A	Title: Oxon Run Trail Restoration										
Facility:		NRT	80/20/0		488 a			1,000 a				1,488
From:												
To:		STP	83/17/0									

**Total Funds: 12,988**

Description: The purpose of this project is to improve access within Oxon Run Park and the non-motorized network connections to surrounding destinations by rehabilitation the existing trails, as well as extending the trail network. The park is a central open space area within Southeast D.C. with miles of disconnected existing trails in degraded condition. The trail will be an important non-motorized Study Area. Alabama Ave, Southern Ave, 4th St, 1st St, South Capitol St, Mississippi Ave, Stanton Rd, Overlook Ave, Martin Luther King Jr Ave, Branch Ave, 6th St, Good Hope Rd, Atlantic St, Wheeler Rd, Naylor Rd, 23rd St, 2nd St, Morris Rd, Howard Rd, Malcolm X Ave, 25th St, Shepherd Pky, W St, Pennsylvania Ave, Blue Plains Dr, 27th St, 38th St, Chesapeake St, Galve ston St, V St, 13th St, Naylor Rd, Southern Ave, 295, 95, 210, 414, 5, Oxon Run Trail, Proposed South Capitol St Trail, Other Existing Trails, Other Proposed Trails, Metro 0 0.5 1 2 ,Park Area Miles, Maryland Blue Plains, Water Treatment Facility, NAVY Annex, Bolling Air Force Base, Oxon Run Park, Oxon Run Trail Context Map, District of Columbia Bald Eagle Recreation Center, St. Elizabeths Campus, Eastover Plaza, Town of Forest Heights MD, DC Village, Congress Heights, Oxon Cove Park, Suitland Parkway, Bell Acres Park(MNCPPC), Audrey Ln, Southern Ave ,To Points North In Maryland, To Points South In Maryland, The ARC ,South Capitol St, To Points North in Washington, Naylor Road, National Harbor, Bellvue Neighborhood, Anacostia, National Airport, City of Alexandria, Figure 1: Oxon Run trail context map 5 transportation route providing direct access from Southeast D.C. neighborhoods near the Southern Avenue metro station to the Bald Eagle Recreational Center in the Bellevue neighborhood, and Oxon Cove Park/Oxon Hill Farm, which connects to National Harbor in Maryland. The trail network will eventually connect to the D.C. Village development area, S. Capitol Street, neighborhoods adjacent to the Anacostia River, and downtown Washington D.C.

<b>Rock Creek Park Trail</b>												
TIP ID: 3230	Agency ID: AF005A	Title: Rock Creek Park Trail										
Facility: M Street to Beach Drive		CMAQ	80/20/0					8,050 c				8,050
From: Piney Branch Pkwy												
To: 16th Street		DEMO	80/20/0		500 a							500

**Total Funds: 8,550**

Description: 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.

<b>Safe Routes to School</b>												
TIP ID: 2888	Agency ID: CM086A	Title: Safe Routes to School										
Facility: Safe Routes to School		SRTS	100/0/0		1,151 c	3,500 c	1,151 c	1,151 c	1,151 c	1,151 c	1,151 c	9,255
From:												
To:												

**Total Funds: 11,557**

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.

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

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Bridge</b>									
<b>Anacostia Freeway Bridges over Nicholson Street SE</b>									
TIP ID: 6082	Agency ID: MRR15A	Title: Anacostia Freeway Bridges over Nicholson Street SE (Bridges #1001, 1002)							
Facility: Anacostia Freeway Bridges at Nicholson	NHPP	80/20/0		1,000 a					1,000
From:									
To:	TF	80/20/0				7,000 c			7,000
<b>Total Funds:</b>									<b>8,000</b>

Description: Rehabilitation of subject bridges to eliminate all deficiencies and to make the facility safe for the traveling public. Two bridges are structurally deficient and must be rehabilitated under the requirements of MAP21.

**H Street Bridge over Amtrak**

TIP ID: 6039	Agency ID: CD054A	Title: H Street Bridge over Railroad							
Facility: H Street NE	NHPP	80/20/0		500 a				4,250 c	4,750
From: Norht Capitol Street									
To: 3rd Street NE									
<b>Total Funds:</b>									<b>23,250</b>

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

**Long Bridge Study**

TIP ID: 5711	Agency ID: MRR08A	Title: Long Bridge Study							
Facility: Long Bridge	ARRA	100/0/0	500 d	1,200 d					1,200
From: Virginia Interface									
To: 12th Street, SW	PRIV	0/0/0	100 d	5,000 d		53,000 a			58,000
<b>Total Funds:</b>									<b>589,200</b>

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

**Monroe Street, NE Bridge over CSX & WMATA**

TIP ID: 6197	Agency ID: MRR26A	Title: Monroe Street, NE Bridge over CSX & WMATA							
Facility: Monroe Street Bridge	NHPP	80/20/0		1,700 a					1,700
From:									
To:									
<b>Total Funds:</b>									<b>22,400</b>

Description: Existing Monroe Street Bridge over Metro tracks is in poor condition. This project is for the Bridge replacement.

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

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Roadway and Bridge Improvement on Southern Avenue and Winkle Doodle Branch Bridge</b>									
TIP ID: 5353	Agency ID: ED028A	Title: Roadway and Bridge Improvement on Southern Avenue and Bridge #64 (over Winkle Doodle B							
Facility: Southern Avenue	STP	80/20/0		1,100 a	1,000 a		1,900 a		19,100
From: South Capitol Street					15,100 c				
To: 23rd Street									
<b>Total Funds:</b>									<b>19,100</b>

Description: The purpose of this project is to identify solutions that improve the livability of the Southern Avenue corridor from South Capitol Street SE to 23rd Street SE.

<b>Enhancement</b>									
<b>Transportation Enhancements Program</b>									
TIP ID: 3210	Agency ID: AF049A	Title: Transportation Alternatives Program							
Facility: Citywide	STP	80/20/0	1,150 a	1,150 a	1,150 a	1,150 a	1,150 a	1,150 a	6,900
From:									
To:									
<b>Total Funds:</b>									<b>9,200</b>

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

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

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>ITS</b>									
<b>Traffic Operations Improvements Citywide</b>									
TIP ID: 3216 Agency ID: OSS07A, CI060A, Title: Traffic Operations Improvements Citywide									
Facility:	DEMO	80/20/0	50 a	46 a					96
From:	NHPP	80/20/0		428 c	437 c	437 c	477 c	477 c	2,256
To:	NHS	80/20/0	310 a						310
	STP	80/20/0	2,000 a	1,304 a	1,000 a	1,000 a	1,000 a	1,000 a	60,769
			9,965 c	7,400 c	8,000 c	8,100 c	8,200 c	8,300 c	
			400 e	700 e	650 e	600 e	600 e	550 e	
<b>Total Funds:</b>									<b>83,485</b>

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

- a. ITS On Call Technical Support Services
- b. MATOC Annual Fee
- c. Moveable Barrier System
- d. Traffic Management Center Operations
- e. Citywide Thermoplastic Pavement Markings
- f. Advanced Traffic Management System
- g. Infrastructure Information Technology Support Services

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

			Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>TIP ID: 6191</b>			<b>Agency ID: OSS13A</b>			<b>Title: Adaptive Signal Control System</b>						
Facility: Citywide			STP	80/20/0			2,000	c				2,000
From: Citywide												
To: Citywide												
											<b>Total Funds:</b>	<b>2,000</b>

Description: The goal of this project is to implement adaptive traffic signal control system on critical corridors in the District for more efficient traffic signal operations. The scope of work will include, but is not limited to, the following items:

1. Furnishing installing and testing the vehicle detectors at the stop bars of the specified intersections as well as the mid-blocks of the segments.
2. Establishment and maintenance of temporary traffic control, reconfiguring the devices in conjunction with changes in work areas; and their removal and disposal upon project completion, including restoration of areas disturbed by temporary traffic detours to their original condition. All maintenance of traffic shall be coordinated with work performed at other projects that may be underway in the vicinity.
3. Furnishing, installing and testing the 2070E Traffic Signal Controllers at the specified intersections.
4. Furnishing, installing and testing the central adaptive signal control software at DDOT Traffic Management Center (TMC).
5. Establishment of communications between the field controllers and TMC servers.
6. Performing system integration of the software and hardware.
7. Evaluating the performance of the constructed adaptive signal control system with before-and-after analysis.
8. Provision of system training on the Adaptive Signal Control System.

<b>TIP ID: 6198</b>			<b>Agency ID: Temp1317</b>			<b>Title: Relocation of DDOT Traffic Management Center/Communication Hub</b>						
Facility:			District	0/100/0			5,000	a				5,000
From:												
To:												
											<b>Total Funds:</b>	<b>5,000</b>

Description: District Department of Transportation (DDOT) plans to relocate its Traffic Management Center (TMC) in the coming years. DDOT will analyze the alternative solutions, perform field data collection and develop a detailed PS&E packet for construction. The PS&E Package will include Network Architecture Schematics, Communication Tables, Device/End-Point Details, Splicing Details, Fiber Routing Design and New Hub Building Design.

Based on the PS&E package, DDOT will hire a construction contractor to implement relocation of the Traffic Management Center/Communication Hub. The scope of work will include, but not limited to, constructing a new hub building to host all existing devices in TMC, implementing fiber networks connecting the new hub building to field devices, relocating and installing all TMC servers and other devices, and performing system integration of hardware and software at the new hub building.

<b>TIP ID: 6283</b>			<b>Agency ID: PM0A4A</b>			<b>Title: Managed Lanes</b>						
Facility: Rochambeau Bridge, I-395, SW/SE Freeway			NHPP	80/20/0			5,000	a	15,000	a		20,000
From:												
To:												
											<b>Total Funds:</b>	<b>20,000</b>

Description: The project is to perform a high level feasibility review to identify any potential flaws or major obstacles to completing the project as a public-private partnership (P3) and lay out the critical path to moving the project forward. Phase I: to include NEPA, design, and construction for Rochambeau Bridge. Phase II: to include NEPA, design, and construction for the SE/SW Freeway. Phase III: to include NEPA, design, and construction of I-295.

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

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Traffic Signal LED Replacement</b>										
TIP ID: 6115	Agency ID: CI040A	Title: <b>Traffic Signal LED Replacement</b>								
Facility:	NHPP	80/20/0		600 c	600 c	600 c	600 c	600 c	600 c	3,000
From:										
To:	STP	80/20/0		600 c	600 c	600 c	600 c	600 c	600 c	3,000
<b>Total Funds:</b>										<b>8,400</b>

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

<b>Other</b>										
<b>Asset Condition Assessment</b>										
TIP ID: 5323	Agency ID: MNT06A, SR091A	Title: <b>Condition Assessment</b>								
Facility: citywide	District	0/100/0		700 a						700
From: citywide										
To:	STP	80/20/0		1,650 a	1,000 a	650 a	1,000 a	650 a	650 a	4,950
<b>Total Funds:</b>										<b>7,300</b>

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

<b>Cleveland Park Study</b>										
TIP ID: 6193	Agency ID: PM0D7A	Title: <b>Cleveland Park Study</b>								
Facility: Connecticut Ave. NW	NHPP	80/20/0			100 a	500 c				600
From: Porter Street NW										
To: Macomb Street NW										
<b>Total Funds:</b>										<b>600</b>

Description: Implementation of Cleveland Park study recommendations including Connecticut Avenue access lane and neighborhood parking supply, streetscape improvements and intersection reconfiguration at Porter/Quebec/Connecticut Ave NW.

<b>Florida Avenue Transportation Study</b>										
TIP ID: 6195	Agency ID: ZU033A	Title: <b>Florida Avenue Transportation Study</b>								
Facility: Florida Avenue, NE	NHPP	80/20/0			1,000 a					1,000
From: 1St Street, NE										
To: H Street, NE										
<b>Total Funds:</b>										<b>8,700</b>

Description: Implementation of Florida Avenue Transportation Study recommendations, which may include reconstruction of Florida Ave from Benning Rd to New York Ave, safety improvements and streetscape upgrades.

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

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**M Street SE/SW Premium Transit Environmental Work**

TIP ID: 6112	Agency ID: Temp02	Title: M Street SE/SW Streetcar							
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Facility:	District	0/100/0	2,500 a	3,750 a				20,750 c	27,000
From:									<b>Total Funds: 128,250</b>
To:									

Description: This funding will implement the environmental study work for the M Street SE/SW corridor

**Maryland Avenue, SW**

TIP ID: 6199	Agency ID: MRR25A	Title: Maryland Avenue, SW							
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Facility: Maryland Avenue, SW	STP	80/20/0	4,000 a						4,000
From: 12th Street, SW									<b>Total Funds: 4,000</b>
To: 7th Street, SW									

Description: The Maryland Avenue SW project would re-establish a vital missing link in the L'Enfant street network by creating a new roadway between 7th Street SW and 12th Street SW. The construction of a new Maryland Avenue SW above the existing railroad would provide a physical and visual link between the US Capitol and the Southwest Waterfront. A future Maryland Avenue SW would accommodate pedestrians, bicyclists, transit users, and vehicles, while serving as the spine of a new mixed-use neighborhood.

**Move DC Implementation**

TIP ID: 6185	Agency ID: ZU029A	Title: MoveDC Implementation							
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Facility: Citywide	STP	80/20/0	1,000 d	500 d					1,500
From: Citywide									<b>Total Funds: 1,500</b>
To: Citywide									

Description: Advance studies on Tier 1 prioritized projects based on moveDC recommendations.

**Performance-Based Parking Pricing**

TIP ID: 3486	Agency ID: PM302C	Title: Parking Studies							
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Facility:	District	0/100/0	300 a	300 a	265 a	275 a	260 a	400 a	1,800
From:									<b>Total Funds: 1,800</b>
To:									

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

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

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Planning and Management Systems</b>									
TIP ID: 3213 Agency ID: CAL16C, PM304C, Title: Planning and Management Systems									
Facility: Citywide	CMAQ	80/20/0		595 a	601 a	572 a	590 a	652 a	3,010
From:	SPR	80/20/0		6,300 a	6,500 a	6,500 a	6,500 a	6,500 a	32,300
To:	STP	80/20/0		3,653 a	2,864 a	2,650 a	2,661 a	2,672 a	14,500
<b>Total Funds:</b>									<b>69,489</b>

- Description:
- a. ADA Ramps
  - b. Asset Inventory and ADA Compliance
  - c. Civil Rights/EEO Compliance Monitoring Program
  - d. Climate Change and Air Quality
  - e. Constructability and Work Zone Safety Review
  - f. DBE Support Services
  - g. District STIP Development
  - h. Environmental Management System
  - i. Metropolitan Planning
  - j. State Planning and Research Program
  - k. Boundary Stones
  - l. Research Development and Technology
  - m. Audit and Compliance

TIP ID: 3355 Agency ID: PM086A Title: Professional Capacity-Building Strategy									
Facility: Citywide	STP	80/20/0	1,000 a	1,000 a	1,000 a	1,000 a	1,000 a	1,000 a	6,000
From:									
To:	<b>Total Funds: 8,000</b>								

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

TIP ID: 5322 Agency ID: CM085A Title: Preventive Maintenance and Repair of Stormwater Pumping Stations									
Facility: District		0/100/0		303 a	266 a	274 a	282 a	336 a	1,461
From:									
To:	<b>Total Funds: 1,461</b>								

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.

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

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Rehabilitation of Anacostia Freeway Bridges over South Capitol Street (Bridge No. 1016 &amp; 1017)</b>										
TIP ID: 6097	Agency ID: MRR14A	Title: Rehabilitation of Anacostia Freeway Bridges over South Capitol Street (Bridge No. 1016 & 1017)								
Facility: Anacostia Freeway over South Capitol Street	NHPP	80/20/0		1,000	a					1,000
From:										
To:	TF	80/20/0								

**Total Funds: 21,000**

Description: Rehabilitation or replacement of subject bridges to eliminate all structural deficiencies and to make the facilities safe for the traveling public. The bridges are structurally deficient and must be rehabilitated under the requirements of MAP21.

**Research and Technology Development**

TIP ID: 6188	Agency ID: PM0D9A	Title: Research, Innovation Implementation, and Evaluation								
Facility: Citywide	SPR	80/20/0		500	a					500
From: Citywide										
To: Citywide										

**Total Funds: 500**

Description: This project is aimed to help the Research Program identify relevant best-practices from various sources (such as national research, other agencies, industry, DDOT research) and implement them across different programs in DDOT. The funding will also help evaluate the effectiveness of selected projects/strategies implemented as part of DDOT's capital program. Projects implemented using this funding can be diverse – spanning the entire project life cycle from planning/programming to design/construction to operations/maintenance. It can include a range of functional areas such as finance, engineering, materials, contracting, business processes, technology, etc.

**Rights of Way Program**

TIP ID: 5309	Agency ID: PM067A	Title: Rights of Way Program												
Facility: Citywide	STP	80/20/0		160	a	160	a	160	a	160	a	160	a	960
From:														
To:														

**Total Funds: 1,280**

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

5/15/2014

Draft for Public Comment

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

FY 2013 - 2018

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Roadside Improvements Citywide</b>										
<b>TIP ID: 5308 Agency ID: SR070A, ED070A, Title: Neighborhood Streetscape Improvements</b>										
Facility:	NHPP	80/20/0						9,000 c		9,000
From:										
To:	NHS	80/20/0		50 b						6,050
				6,000 c						
	STP	80/20/0		80 c	450 a	3,650 c				5,380
					1,200 c					
<b>Total Funds:</b>										<b>20,430</b>

Description: Improve sidewalks, curbs, gutters, trees, streetlights, traffic signals and trash receptacles. Projects include:  
 A. 14th Street Streetscape, Thomas Circle - Florida Ave  
 B. U St. NW Florida Ave. to 14th St.  
 C. Sheriff Road NE safety improvements from 43rd St. to 51st St.  
 D. Missouri Avenue, Kansas Avenue, Kennedy Street Intersection Improvements

<b>TIP ID: 5315 Agency ID: MRR09A Title: Blair / Cedar / 4th Street NW</b>										
Facility:	Intersection of Blair/Cedar and 4th	STP	80/20/0	300 a	3,000 c	3,000 c				6,000
From:				1,400 c						
To:										
<b>Total Funds:</b>										<b>6,000</b>

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

<b>TIP ID: 5791 Agency ID: SR085A Title: 16th Street Corridor Study &amp; Operations Plan</b>										
Facility:	NHPP	80/20/0				1,000 a		2,000 a		3,000
From:										
To:	STP	80/20/0		300 a						
				300 d						
<b>Total Funds:</b>										<b>3,000</b>

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

5/15/2014

Draft for Public Comment

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

FY 2013 - 2018

		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>TIP ID: 5792</b>		<b>Agency ID: ED0C2A</b>		<b>Title: C Street NE Implementation</b>							
Facility: C Street/N. Carolina Avenue		STP	80/20/0				500 a			4,000 c	4,500
From: Oklahoma Avenue											
To: 14th Street NE											
										<b>Total Funds:</b>	<b>4,500</b>

Description: The C Street NE Traffic Calming project will slow traffic on the corridor by reducing at least one vehicular lane of traffic.

**Roadway Reconstruction Citywide**

<b>TIP ID: 2965</b>		<b>Agency ID: SR060A MRR11A</b>		<b>Title: Roadway Reconstruction Citywide</b>							
Facility: CITYWIDE		HSIP	83/17/0				1,000 a				1,000
From:											
To:		STP	80/20/0		1,760 a		1,300 a	21,100 c			39,160
					8,000 c		7,000 c				
										<b>Total Funds:</b>	<b>58,160</b>

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. Oregon Ave. NW, Military Rd. to Western Ave.
- b. Rehabilitation of Broad Branch NW
- c. Canal Road NW, Chain Bridge to M St.
- d. New Jersey Ave., Mass Ave. to N St.

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

Source		Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Safety Improvements</b>										
TIP ID: 3212		Agency ID: CB0, CIO		Title: Safety Improvements Citywide						
Facility: Citywide	HSIP	80/20/0		2,694 a	560 a	1,060 a	560 a	3,000 a	2,500 a	14,197
From:				998 c	565 c	565 c	565 c	565 c	565 c	
To:	SPR	80/20/0			220 a	220 a	220 a	220 a	220 a	1,100
	STP	80/20/0		816 a	450 a	725 c	50 a	560 a	560 a	7,628
				817 c	725 c		1,475 c	725 c	725 c	
<b>Total Funds:</b>										<b>32,345</b>

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

- a. City-Wide Traffic Safety
- b. CW Road Safety Audit Program
- c. Pavement Skid Testing
- d. Traffic Accident Reporting and Analysis System (TARAS)
- f. Traffic Safety Data Center at Howard University
- g. Traffic Safety Design Program - HSIP
- h. Traffic Safety Engineering Support Services
- i. Traffic Sign Inventory Upgrade
- j. Traffic Data Collection and Analysis Service

TIP ID: 6240		Agency ID: MRR01A		Title: Safety and Geometric Improvements of I-295						
Facility: I-295/DC-295	NHPP	80/20/0		1,000 a	500 a	2,000 a				3,500
From:										
To:										
<b>Total Funds:</b>										<b>12,500</b>

Description: Safety improvements and upgrades to SB Entrance and NB left exit ramps at Benning Road; Shoulder widening on DC 295 southbound between Benning Road and East Capitol Street; Safety improvements and upgrades to meet current design standards at southbound exit ramps to River Terrace and East Capitol Street; Safety improvements and upgrades to meet current design standards at the westbound Pennsylvania Avenue entrance and exit ramps.

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

		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Streetlight Asset Mgmt &amp; Streetlight Construction - Federal</b>											
TIP ID: 5385	Agency ID: AD020A	Title: Streetlight Asset Mgmt - Federal									
Facility: Citywide		NHPP	80/20/0			606 c	3,088 c	3,088 c	3,088 c	3,088 c	12,958
From:		NHS	80/20/0		3,000 c						3,000
To:		STP	80/20/0				4,912 c	4,912 c	4,912 c	4,912 c	19,648
		STP	83/17/0			964 c					964
<b>Total Funds:</b>											<b>52,570</b>

Description: This project will provide maintenance for the District's aging 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. Projects include:

- a) Street Light Replacement
- b) Streetlight Design Services
- c) Streetlight System Upgrade
- d) Streetlight Conversion
- e) Electrical Upgrade
- f) CW painting of street light and traffic signal poles
- g) CW Street and Bridge Light Maintenance
- h) Multiple Circuit Conversion
- i) Streetlight Asset Management
- j) Highway Lighting
- k) Emergency Response to Knockdowns

TIP ID: 5439	Agency ID: AD017A	Title: Citywide streetlight construction									
Facility: citywide		STP	80/20/0		450 a		100 a	100 a	100 a	100 a	4,450
From: citywide							900 c	900 c	900 c	900 c	
To:											
<b>Total Funds:</b>											<b>6,450</b>

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

<b>Streetlight Asset Mgmt &amp; Streetlight Construction - Local</b>											
TIP ID: 5350	Agency ID: AD304	Title: Streetlight Asset Mgmt & Streetlight Construction - Local									
Facility: Citywide		District	0/100/0	2,624 a	1,312 a	300 a	300 a	300 a	300 a	300 a	62,513
From:				17,888 c	17,701 c	8,400 c	8,400 c	8,400 c	8,400 c	8,400 c	
To:											
<b>Total Funds:</b>											<b>79,913</b>

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

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

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

<b>TIP ID: 2743</b>	<b>Agency ID: ED0B1A</b>	<b>Title: Great Streets - Pennsylvania Ave, SE</b>							
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Facility: Pennsylvania Ave. SE	NHPP	80/20/0	2,000 a	2,000 a					4,000
From: Sousa Bridge									
To: 27th St. SE (west of)									
<b>Total Funds:</b>									<b>4,000</b>

Description: Conduct traffic assessments and provide public review and comment of proposed streetscape design elements. Conduct environmental assessments. Prepare concept designs, design plans and specifications; construct improvements to sidewalks, curbs, gutters, streets, and tree boxes; replace street trees; and install other streetscape elements. Construct facilities to improve reliability and safety of transit services, including transit lanes; provide bicycle lanes; and improve pedestrian circulation. Phase II will include work on Pennsylvania Ave. SE from the Sousa Bridge to west of 27th St. SE.

<b>TIP ID: 2922</b>	<b>Agency ID: ED064A</b>	<b>Title: Great Streets - Minnesota Ave, NE</b>							
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Facility: Minnesota Ave	STP	80/20/0	700 a		700 a				1,400
From: A Street, NE									
To: Sheriff Road, NE									
<b>Total Funds:</b>									<b>15,400</b>

Description: 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 phased to mitigate impacts. Phase 1 will construct from A St. to just south of Benning Road; Phase 2 will follow when streetcar study produces direction as to track route.

<b>TIP ID: 3435</b>	<b>Agency ID: ED096A, ED067A</b>	<b>Title: Great Streets - Georgia Ave</b>							
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Facility:	ARRA/TIGER	80/20/0	300 a						
From:			2,700 c						
To:	NHPP	80/20/0		30 a					2,080
				50 b					
				2,000 c					
	NHS	80/20/0	969 a						
			300 c						
<b>Total Funds:</b>									<b>2,080</b>

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

<b>TIP ID: 6322</b>	<b>Agency ID: MRR03A</b>	<b>Title: Howard Theater 7th Street</b>							
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Facility:	STP	80/20/0		7,200 c					7,200
From: North of Florida Avenue NW									
To: 7th Street NW									
<b>Total Funds:</b>									<b>7,200</b>

Description: Streetscape including sidewalk replacement, new streetlight, new traffic signals, upgraded drainage catch basins, new trees, mill and overlay and pavement markings.

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

		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>Traffic Congestion Mitigation</b>											
TIP ID: 2945	Agency ID: CM074A	Title: District TDM (goDCgo)									
Facility: citywide		CMAQ	80/20/0		1,000 a	1,000 a	1,000 a	1,000 a	1,000 a	1,000 a	6,000
From:											
To:										<b>Total Funds:</b>	<b>8,000</b>

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

a. District TDM/goDCgo: Encourage sustainable travel by District residents, workers and visitors primarily through goDCgo brand. Includes employer outreach, bikeshare and circulator marketing, special events.

<b>Traffic Signal Maintenance</b>											
TIP ID: 5347	Agency ID: CI046A, CI047A, CIT	Title: Traffic Signal Maintenance NHPP-STP									
Facility: Citywide		HSIP	80/20/0		620 c	620 c	620 c	620 c	620 c	620 c	3,720
From: Citywide											
To: Citywide		NHPP	80/20/0			1,164 c	2,460 c	2,504 c	2,536 c	2,568 c	11,232
		NHS	80/20/0		3,121 c						3,121
		STP	80/20/0		700 a	3,250 a	1,250 a	4,250 a	1,250 a	1,750 a	55,469
					10,965 c	2,654 c	7,350 c	7,350 c	7,350 c	7,350 c	
										<b>Total Funds:</b>	<b>98,213</b>

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

Support the Traffic Signal Group of DDOT TOA in providing traffic engineering studies and signal system analysis and management for the city's roadway system. This projects mission is to perform signal warrants. Projects include:

- a. Citywide Traffic Signal Construction Contract
- b. Citywide Traffic Signal Construction Contract (National Highway System Routes)
- c. Traffic Signal Consultant Design
- d. Traffic Signal Optimization
- e. Traffic Signal Uninterruptible Power Supply
- f. Traffic Signal Maintenance - NHPP
- g. Traffic Signal Maintenance - STP
- h. Asset Inventory, Preliminary Design and RFP Development for Improved Signal System and Communication Network
- i. Traffic Signal Systems Analysis

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

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

TIP ID: <b>6030</b>	Agency ID:	Title: <b>Union Station Escalator Replacement</b>							
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Facility:	FRA Earmark	50/50/0	1,000 c	3,541 c	4,000 c				7,541
From:									
To:									
									<b>Total Funds: 7,541</b>

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

**Urban Forestry Program**

TIP ID: <b>5313</b>	Agency ID: <b>CG311, CG312, C</b>	Title: <b>Urban Forestry Program</b>							
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Facility: Citywide	NHPP	80/20/0			1,512 c		1,512 c		3,024
From:									
To:	NHS	80/20/0		1,500 c					1,500
	STP	80/20/0		4,200 c		2,088 c		2,088 c	8,376
									<b>Total Funds: 16,500</b>

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

**TERMs**

**Transportation Emissions Reduction Measures**

TIP ID: <b>3219</b>	Agency ID: <b>ZU022A</b>	Title: <b>Commuter Connections Program</b>							
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Facility:	CMAQ	80/20/0		700 a	700 a	700 a	700 a	700 a	700 a	4,200
From:										
To:										
									<b>Total Funds: 5,600</b>	

Description: The purpose of the Commuter Connections Program is to reduce mobile source emission 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.

**Maintenance**

**Bloomingtondale/LeDroit Park Medium Term Flood Mitigation Project**

TIP ID: <b>6190</b>	Agency ID: <b>FLD01</b>	Title: <b>Bloomingtondale/LeDroit Park Medium Term Flood Mitigation Project</b>							
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Facility: Bloomingtondale/LeDroit Park	District	0/100/0		500 a	500 a	500 a	500 a	500 a	10,000
From:				1,500 c	1,500 c	1,500 c	1,500 c	1,500 c	
To:									
									<b>Total Funds: 10,000</b>

Description: The exact street locations are not known at this time but the work is confined to the Bloomingtondale and LeDroit Park communities, per the Mayor's Task force on Bloomingtondale/LeDroit Flood Mitigation Report.

5/15/2014

Draft for Public Comment

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

FY 2013 - 2018

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**Bridge Operation and Maintenance**

TIP ID: **5785** Agency ID: Title: **Bridge Operation and Maintenance**

Facility:	District	0/100/0	1,080 c	1,080 c	1,080 c	1,080 c	1,055 c	1,080 c	6,455	
From:									<b>Total Funds:</b>	<b>6,455</b>
To:										

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

**Bridge Replacement/Rehabilitation Program**

TIP ID: **2768** Agency ID: **CD014A** Title: **Key Bridge NW over Potomac**

Facility: Key Bridge over Potomac River	NHPP	80/20/0		21,000 c					21,000	
From:									<b>Total Funds:</b>	<b>21,000</b>
To:										

Description: Rehabilitation of the Key Bridge superstructure and substructure including approach roadway improvements, bike/ped safety improvements, streetlights, and aesthetic lighting.

TIP ID: **3181** Agency ID: **CD066A** Title: **Replacement of 31st Bridge, NW over C&O Canal**

Facility: 31st Street NW Bridge over C&O Canal	NHPP	80/20/0				6,200 c			6,200	
From:									<b>Total Funds:</b>	<b>6,200</b>
To:										

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

TIP ID: **3202** Agency ID: **CD032C, MNT05A** Title: **Bridge Design Consultant Services**

Facility: CITYWIDE	NHPP	80/20/0		300 a	900 a	600 a	1,250 a		3,050	
From:										
To:	STP	80/20/0		200 a	200 a				400	
									<b>Total Funds:</b>	<b>4,075</b>

Description: Provide engineering services for bridges and structures design, geotechnical or other investigations, surveying, including constructability review.

FY2013 Citywide Open End Bridge Design Consultant Services under this contract, the consultant will investigate structural deficiencies encountered during bridge inspections and from observation of DDOT staff. They will propose and design solutions for temporary shoring, structural repair and retrofit, perform structural analyses and rating of bridges, prepare plans, details, special provisions, cost estimates and work orders for construction by the DDOT preventive maintenance contractor.

TIP ID: **3243** Agency ID: **CD062A** Title: **Citywide Consultant Bridge Inspection**

Facility:	NHPP	80/20/0		2,650 a	3,500 a		1,750 a	1,750 a	9,650	
From:									<b>Total Funds:</b>	<b>13,150</b>
To:										

Description: Consultant inspection of the District's bridges. Work under this contract consist 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 prescribed inspections schedule, the DDOT Bridge Inspection Manual of Procedures and the National Bridge Inspection Standards (NBS). Safety inspection of railroad owned bridges crossing District streets shall also be performed. Selected inspections of culverts and overhead sign structures shall be performed as needed. FY2014 obligation includes Phase II of the overhead sign structure effort.

5/15/2014

Draft for Public Comment

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

FY 2013 - 2018

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>TIP ID: 4900    Agency ID: CD037    Title: 27th Street Bridge NW</b>										
Facility: 27th Street NW Over Broad Branch	NHPP	80/20/0			2,500 c					2,500
From: Broad Branch Road										
To: Broad Branch Road										
										<b>Total Funds: 2,500</b>
Description: Replacement of 27th St. NW Bridge over Broad Branch Rd. and the culvert at 44th St. near Edmund St.										

<b>TIP ID: 5298    Agency ID: AF067A    Title: Emergency Transportation Project</b>										
Facility: C ITYWIDE	STP	80/20/0			25 c	25 c	25 c	25 c	25 c	125
From:										
To:										
										<b>Total Funds: 175</b>
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. It is always to plan for emergency work such as major pavement failures, such as sinkholes, falling steel and concrete from bridges and other urgent needs. The project will enable the Department to quickly respond to any emergency without delay,										

<b>TIP ID: 5316    Agency ID: CD062A    Title: Impact Attenuators and Guiderails</b>										
Facility: Citywide	HSIP	90/10/0			1,600 c	125 a	3,350 c		1,675 c	8,350
From:						1,600 c				
To:										
										<b>Total Funds: 11,750</b>
Description: This project repairs, replaces and upgrades safety appurtenances on and off the Federal-aid Highway System that have been damaged by errant vehicles, and replaces units that do not meet the requirements of NCHRP (National Cooperative Highway Research Program) Report 350. Work also includes construction of guiderails and attenuators at new locations and removal of units in locations where they are no longer needed.										

<b>TIP ID: 5334    Agency ID: CD052A    Title: Safety Improvements of Benning Road Bridges over Kenilworth Ave</b>										
Facility: Benning Road over Kenilworth	NHPP	80/20/0					20,000 a			20,000
From:										
To:										
										<b>Total Funds: 20,000</b>
Description: Structural design of three bridge alternatives. The project scope includes infrastructure improvements within vicinity of the bridges, including construction of handicap ramps according to ADA guidelines.										

<b>TIP ID: 5337    Agency ID: CD051A    Title: Replacement of Pedestrian Bridges over Kenilworth Ave</b>										
Facility: Kenilworth	STP	80/20/0		1,000 a	1,000 a	2,000 b			13,500 c	17,500
From:										
To:										
										<b>Total Funds: 17,500</b>
Description: This project will fund the replacement of the deck, approach slabs, bearing joints; and repair the substructure and repaint steel.										

5/15/2014

Draft for Public Comment

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

FY 2013 - 2018

			Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>TIP ID: 5342</b>			<b>Agency ID: CD046A</b>			<b>Title: Approach Bridges to 14th Street Bridge</b>						
Facility: 14th Street Bridge northbound over the Poto			NHPP	80/20/0			750 a					750
From:												
To:			TF	80/20/0								
											<b>Total Funds:</b>	<b>18,750</b>

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

<b>TIP ID: 5346</b>			<b>Agency ID: CD026</b>			<b>Title: Theodore Roosevelt Bridge Rehabilitation</b>						
Facility:			DEMO	80/20/0				36 a				36
From:												
To:			NHPP	80/20/0		1,464 a	25 b	1,464 a		27,000 c		29,953
											<b>Total Funds:</b>	<b>29,989</b>

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

<b>TIP ID: 5432</b>			<b>Agency ID: CD049A</b>			<b>Title: Pennsylvania Ave. NW Bridge over Rock Creek (Br. # 118)</b>						
Facility: Pennsylvania Ave. NW over Rock Creek			BR	80/20/0		50 b						50
From:												
To:			NHPP	80/20/0				6,000 c				6,000
											<b>Total Funds:</b>	<b>6,050</b>

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

<b>TIP ID: 5433</b>			<b>Agency ID: PM094A, CD053A</b>			<b>Title: Bridge management Project/AASHTOWARE</b>						
Facility: Citywide			NHPP	80/20/0		275 a	275 a	300 a	300 a	325 a		1,475
From: Citywide												
To:			STP	80/20/0		300 e	300 e	300 e	300 e	300 e		1,500
											<b>Total Funds:</b>	<b>4,245</b>

Description: This project provide funds to support the Bridge Management Program and to pay the annual Points license fee.

<b>TIP ID: 5804</b>			<b>Agency ID: MRR04A</b>			<b>Title: East Capitol St. Bridge over Anacostia River, Br. # 233</b>						
Facility: Anacostia Freeway Bridge over Anacostia Ri			NHPP	80/20/0				16,000 a				16,000
From:												
To:												
											<b>Total Funds:</b>	<b>16,000</b>

Description: Rehabilitation of subject bridge to eliminate all deficiencies and ensure the safety of the traveling public. This bridge is structurally deficient and must be rehabilitated in accordance with the requirements of MAP21. Deficiencies include deteriorating overlay, efflorescence and map cracking in soffit, expanded bearings, deteriorated superstructure steel under fender dams, peeling paint, rotation of substructure units.

5/15/2014

Draft for Public Comment

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

FY 2013 - 2018

			Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>TIP ID: 6196</b>			Agency ID: <b>PM0D8A</b>			Title: <b>Emergency Communication System in the Mall Tunnel</b>						
Facility: Mall Tunnel			NHPP	80/20/0			3,500 c					3,500
From:												
To:												
											<b>Total Funds:</b>	<b>3,500</b>
Description: Upgrading and installation of a new communication system in the District's visiting tunnel to improve safety and security.												

<b>Maintenance of Stormwater management / Best Management Ponds</b>												
<b>TIP ID: 3242</b>			Agency ID: <b>CA303C, MNT02</b>			Title: <b>Citywide Culverts</b>						
Facility: CITYWIDE			STP	80/20/0		250 a	250 a	300 a			350 a	3,215
From:												
To:												
											<b>Total Funds:</b>	<b>3,215</b>
Description: The purpose of this project is to replace/rehab existing culverts. On a bi-annual occurrence the culvert will be inspected. On an annual occurrence, culverts will be rehabilitated or replaced based on their condition.												

<b>Normanstone/Fulton Street Culvert &amp; LID</b>												
<b>TIP ID: 6194</b>			Agency ID: <b>Temp1315</b>			Title: <b>Normanstone/Fulton Street Culvert &amp; LID</b>						
Facility: Normanstone Drive			District	0/100/0			2,200 c					2,200
From: Fulton Street												
To: 34th Street												
											<b>Total Funds:</b>	<b>2,200</b>
Description: This project repair seven culverts under Normanstone Drive, install linear bioretention cells along Fulton Street and Normanstone Drive, and mill and resurface both streets												

<b>Resurfacing Streets and Freeways Citywide</b>												
<b>TIP ID: 3215</b>			Agency ID: <b>SR092A</b>			Title: <b>Resurfacing Streets and Freeways Citywide</b>						
Facility: Citywide			STP	80/20/0		9,300 c	9,300 c	9,300 c	9,300 c	9,300 c	9,300 c	46,500
From:												
To:												
											<b>Total Funds:</b>	<b>65,100</b>
Description: Citywide pavement and resurfacing/restoration, upgrading of sidewalk, curb and gutter, and wheelchair ramps.												

<b>TIP ID: 5339</b>			Agency ID: <b>SR037A</b>			Title: <b>FY2012 Pavement Restoration - NHPP Streets</b>						
Facility:			NHPP	80/20/0		6,000 c	6,000 c	6,000 c	150 a	5,200 c		29,350
From:												
To:												
											<b>Total Funds:</b>	<b>29,350</b>
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 tope and removal of roadway and roadside debris.												

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

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

TIP ID: **2699** Agency ID: **CD018A, CD019A** Title: **Asset Preservation of Tunnels in the District of Columbia**

Facility: Citywide Asset Management of Tunnel	NHPP	80/20/0		650 a	175 a	175 a	1,000 a	175 a	26,325
From:				600 c	600 c	7,750 c	7,600 c	7,600 c	
To:									
<b>Total Funds:</b>									<b>41,275</b>

Description: This initiative provides technical support for this performance based contract that enables sustained preventive maintenance, rehabilitation and preservation of all tunnel assets in DDOT inventory system. This principal objectives relative to public safety are the maintenance of automated or natural ventilation system for the explosion of harmful carbon monoxide gas from all tunnels and the provision of an adequate lighting system within each tunnel.

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

Facility:	NHPP	80/20/0		9,600 c		4,800 c	4,800 c	10,720 c	29,920
From:									
To:	STP	80/20/0		2,400 c		1,200 c	1,200 c	2,680 c	7,480
<b>Total Funds:</b>									<b>44,100</b>

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.

**Transit****5303/5304 FTA Program**

TIP ID: **6102** Agency ID: Title: **5303/5304 FTA Program**

Facility: Citywide	Sect. 5303	80/20/0	380 a	380 a	380 a	380 a	380 a	380 a	2,280
From:									
To:	Sect. 5304	80/20/0	99 a	99 a	99 a	99 a	99 a	99 a	594
<b>Total Funds:</b>									<b>3,353</b>

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

**DC Circulator - National Mall Area Route**

TIP ID: **6104** Agency ID: Title: **DC Circulator - National Mall Area Route**

Facility: District	0/100/0			9,800 e	10,500 e	7,100 e	7,100 e		34,500
From:									
To:									
<b>Total Funds:</b>									<b>34,500</b>

Description: This area would be served either by two separate routes, or one route. Analysis has been done on both.

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

Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**DC Circulator New Buses for Replacement and Expansion**

TIP ID: <b>6105</b>	Agency ID:	Title: <b>DC Circulator New Buses for Replacement and Expansion</b>							
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Facility:	District	0/100/0	16,814 e	4,725 e	4,200 e				25,739
From:									
To:									
									<b>Total Funds: 25,739</b>

Description: Additional Circulator buses must be purchased in order to expand service to additional routes.

**DC Circulator Expansion - Phase I**

TIP ID: <b>6103</b>	Agency ID:	Title: <b>DC Circulator Expansion - Phase I</b>							
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Facility:	District	0/100/0	1,576 e		15,091 e	15,450 e	15,828 e	16,224 e	64,169
From:									
To:									
									<b>Total Funds: 64,169</b>

Description: Implement the Phase I DC Circulator routes as identified in the DC Circulator 10-Year Transit Development Plan

**Streetcar**

TIP ID: <b>5753</b>	Agency ID: <b>CM081A</b>	Title: <b>Anacostia Streetcar Extension</b>							
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Facility: MLK Jr Ave SE	District	0/100/0		500 a	8,750 c	16,500 c	5,250 c		31,250
From: Howard Rd SE									
To: Good Hope Rd SE									
									<b>Total Funds: 31,250</b>

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

TIP ID: <b>5754</b>	Agency ID: <b>CM080A</b>	Title: <b>Benning Road Extension</b>							
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Facility: Streetcar Line	CMAQ	80/20/0	1,200 a	2,000 a					2,000
From:									
To:	District	0/100/0		2,000 a	7,250 c	15,750 c	28,500 c	29,250 c	82,750
									<b>Total Funds: 84,750</b>

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

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

		Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
<b>TIP ID: 5755</b>		<b>Agency ID: STC12A</b>		<b>Title: Union Station to Georgetown Premium Transit; K Street Transit</b>							
Facility:	Premium Transit	CMAQ	80/20/0		1,500 d						1,500
From:											
To:		District	0/100/0			4,250 a	10,000 c	21,000 c	21,500 c	47,250 c	104,000
		NHPP	80/20/0				10,500 a	5,625 c	6,625 c	23,750 c	46,500
<b>Total Funds: 235,250</b>											

Description: DDOT received an alternatives analysis grant from the Federal Transit Administration to study premium transit options from the Union Station to Georgetown. Premium transit is high quality transit that offered improved liability and speed. The purpose of the AA study is to provide premium transit between Union Station and Georgetown. The Nepa document will select a preferred alternative to move to design and construction for premium transit. Also included in this project is an extension study to continue the transit Northwest. This project also includes K Street Transit Streetscape construction funding.

<b>TIP ID: 6031</b>		<b>Agency ID: STC13A</b>		<b>Title: North-South Corridor Study</b>							
Facility:	Streetcar Line	District	0/100/0		500 a	4,500 a	8,500 a	9,000 a			24,500
From:					2,000 c						
To:											
<b>Total Funds: 112,750</b>											

Description: Study on a North to South 9 miles surface fixed guideway transit line.

**Freight**

**District Freight Plan**

<b>TIP ID: 5922</b>		<b>Agency ID: AF081A</b>		<b>Title: District Freight Plan</b>							
Facility:	Citywide	STP	80/20/0		300 a	150 a	150 a				600
From:											
To:											
<b>Total Funds: 600</b>											

Description: Development of a District freight plan to enhance the safety and efficiency of goods movement

**Planning and Systems Enhancement for Weight Stations**

<b>TIP ID: 2633</b>		<b>Agency ID: CI029A, CI053A</b>		<b>Title: Size and Weight Enforcement Program</b>							
Facility:	Citywide	STP	83/17/0		200 c	450 a	4,240 c	4,750 c	450 c	450 c	10,930
From:					150 e	240 c					
To:											
<b>Total Funds: 11,630</b>											

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

- a. Weigh in Motion Maintenance
- b. Truck Size and Weight Program

5/15/2014

Draft for Public Comment

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

FY 2013 - 2018

	Source	Fed/St/Loc	Previous Funding	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	Source Total
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**Virginia Avenue Tunnel Project**

TIP ID: **5959**      Agency ID: **MRR16A**      Title: **Virginia Avenue Tunnel Project**

Facility: Virginia Ave. SE      PRIV      0/0/0      200,500 c      500 c      300 c      201,300

From: \_\_\_\_\_  
To: \_\_\_\_\_ **Total Funds: 201,300**

Description: The existing railway tunnel is owned and operated by CSX Transportation, Inc. (CSXT) and has long been identified as one of the most significant freight bottlenecks on the East Coast. CSXT proposes to improve freight transportation reliability and capacity through the District by replacing the existing 106 year old 4,000 foot-long tunnel. The proposal includes the restoration of a second track within the tunnel and increasing the tunnel height to a minimum 20 foot clearance to accommodate intermodal trains transporting double-stacked standard cargo containers.

**Safety**

**Safety Improvements of 15th Street NW Intersection of Florida Avenue, NW and NH Avenue**

TIP ID: **6100**      Agency ID: **SR084A**      Title: **Safety Improvements of 15th Street NW Intersection of Florida Avenue, NW and NH Avenue**

Facility: 15th Street NW Intersection of Florida Ave, N      HSIP      80/20/0      2,700 c      2,700

From: \_\_\_\_\_  
To: \_\_\_\_\_ **Total Funds: 2,700**

Description: The design includes survey, roadway resurfacing, sidewalk reconstruction, streetscape upgrades, landscaping, streetlights, traffic signals, bicycle and pedestrian traffic improvements.

**Table 1A  
DISTRICT OF COLUMBIA  
FY 2013-2018 TRANSPORTATION IMPROVEMENT PROGRAM  
Financial Summary (in \$Millions)**

Source	2013		2014		2015-2016		2017-2018		2013-2018	
	Federal	Total	Federal	Total	Federal	Total	Federal	Total		
<b>Title I - FHWA</b>										
American Recovery and Reinvestment Act	1.20	1.20								1.20
Bridge Replacement and Rehabilitation Program	0.04	0.05								0.05
Congestion Mitigation and Air Quality Improvement Program	5.98	7.47	9.57	11.96	15.58	19.47	10.94	13.67		52.58
Demonstration Funding	0.04	0.05	29.84	37.30	5.86	7.33				44.68
National Highway Performance Program	3.57	4.46	85.55	106.94	157.64	197.05	208.47	260.59		569.04
National Highway System	11.78	14.73								14.73
Safe Routes to School Program	1.15	1.15	3.50	3.50	2.30	2.30	2.30	2.30		9.26
State Planning & Research Program			5.62	7.02	10.75	13.44	10.75	13.44		33.90
Surface Transportation Program	41.88	52.34	51.10	63.81	128.70	160.54	90.95	113.65		390.34
Highway Safety Improvement Program (STP)	3.45	4.31	5.00	6.05	8.59	10.07	7.80	9.55		29.97
<b>Title I - FHWA Total:</b>	<b>69.09</b>	<b>85.77</b>	<b>190.17</b>	<b>236.57</b>	<b>329.43</b>	<b>410.20</b>	<b>331.21</b>	<b>413.20</b>		<b>1,145.73</b>
<b>Title III - FTA</b>										
Section 5303	0.30	0.38	0.30	0.38	0.61	0.76	0.61	0.76		
Section 5304	0.08	0.10	0.08	0.10	0.16	0.20	0.16	0.20		0.59
<b>Title III - FTA Total:</b>	<b>0.38</b>	<b>0.48</b>	<b>0.38</b>	<b>0.48</b>	<b>0.77</b>	<b>0.96</b>	<b>0.77</b>	<b>0.96</b>		<b>2.87</b>
<b>State/Local</b>										
District Funds		41.28		39.01		323.21		264.57		669.84
<b>State/Local Total:</b>		<b>41.28</b>		<b>39.01</b>		<b>323.21</b>		<b>264.57</b>		<b>668.07</b>
<b>Other</b>										
Federal Railroad Administration	1.77	3.54	2.00	4.00						
Grant Anticipation Revenue Vehicles (Bonds)					54.22	67.77	178.82	223.52		291.29
GSA Earmark			5.14	6.42	62.21	77.76	19.84	24.80		
National Recreational Trails Funding Program	1.05	1.31	1.04	1.30	4.16	5.20	0.48	0.60		
Private Developer		50.00		255.50		100.80		53.00		459.30
Toll Financing					5.60	7.00				7.00
<b>Other Total:</b>	<b>2.82</b>	<b>54.85</b>	<b>8.18</b>	<b>267.22</b>	<b>126.18</b>	<b>258.53</b>	<b>199.14</b>	<b>301.92</b>		<b>882.52</b>
<b>Grand Total:</b>	<b>72.30</b>	<b>182.38</b>	<b>198.73</b>	<b>543.28</b>	<b>456.38</b>	<b>992.90</b>	<b>531.11</b>	<b>980.64</b>		<b>2,699.20</b>

**Table 1B  
DISTRICT OF COLUMBIA  
FY 2013-2018 TRANSPORTATION IMPROVEMENT PROGRAM  
Financial Summary (in \$Millions)**

Project Type	B 2013		C 2014		I 2015-2016		J 2017-2018		2013-2018	
	Federal	Total	Federal	Total	Federal	Total	Federal	Total	Federal	Total
Interstate		50.00	28.01	85.01	30.83	138.54	18.84	23.55	77.68	297.10
Primary	0.60	0.75	40.51	50.64	143.16	321.97	285.50	397.87	469.76	771.23
Secondary	3.62	4.53	3.05	3.81	3.04	3.80	2.00	2.50	11.71	14.64
Bridge	1.20	1.20	3.44	9.30	18.48	23.10	4.92	59.15	28.04	92.75
<b>Surface Transportation:</b>	<b>5.42</b>	<b>56.48</b>	<b>75.01</b>	<b>148.76</b>	<b>195.51</b>	<b>487.41</b>	<b>311.25</b>	<b>483.07</b>	<b>587.19</b>	<b>1,175.72</b>
<b>Transit:</b>	<b>3.18</b>	<b>24.87</b>	<b>0.38</b>	<b>16.70</b>	<b>13.67</b>	<b>168.87</b>	<b>25.07</b>	<b>209.34</b>	<b>42.30</b>	<b>419.78</b>
<b>Bike/Ped:</b>	<b>4.02</b>	<b>4.73</b>	<b>12.70</b>	<b>15.00</b>	<b>22.22</b>	<b>27.20</b>	<b>3.85</b>	<b>4.23</b>	<b>42.78</b>	<b>51.17</b>
Enhancement	0.92	1.15	0.92	1.15	1.84	2.30	1.84	2.30	5.52	6.90
Freight	0.53	0.65	0.69	201.34	7.58	9.94	0.75	0.90		
ITS	10.18	12.73	14.46	23.08	30.10	37.62	18.40	23.00	73.14	96.43
Maintenance	2.01	3.59	50.56	68.28	88.75	116.47	92.18	121.15	233.50	309.48
Other	45.48	77.49	41.52	65.57	96.02	141.68	77.16	135.26	260.18	419.99
Safety			2.16	2.70						
TERMs	0.56	0.70	0.56	0.70	1.12	1.40	1.12	1.40	3.36	4.20
<b>Miscellaneous:</b>	<b>59.68</b>	<b>96.30</b>	<b>110.88</b>	<b>362.82</b>	<b>225.42</b>	<b>309.41</b>	<b>191.44</b>	<b>284.01</b>	<b>587.41</b>	<b>1,052.54</b>
<b>Total Funds:</b>	<b>72.30</b>	<b>182.38</b>	<b>198.97</b>	<b>543.28</b>	<b>456.81</b>	<b>992.90</b>	<b>531.61</b>	<b>980.64</b>	<b>1,259.68</b>	<b>2,699.20</b>