

**ITEM 13 –Notice**  
February 15, 2017  
Notice to Amend the FY 2017-2022 (TIP)  
To Include Project and Funding Updates for the  
Northern Virginia Section of the TIP, As Requested  
By the Virginia Department of Transportation (VDOT)

**Staff**

**Recommendation:** Approval for an amendment.

**Issues:** None

**Background:**

VDOT has requested an amendment to include project and funding updates for projects in the Northern Virginia section of the TIP. These projects are already included in the Air Quality Conformity Analysis of the 2016 CLRP Amendment and the FY 2017-2022 TIP or are exempt from the air quality conformity requirement. The board will be asked to approve this amendment at the March 15, 2017 meeting.



TPB RXX-2017  
March 15, 2017

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

**RESOLUTION ON AN AMENDMENT TO THE FY 2017-2022 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 the Fixing America's Surface Transportation (FAST) Act 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 November 16, 2016 the TPB adopted the FY 2017-2022 TIP; and

**WHEREAS**, in the attached letter of February 8, 2017, VDOT has requested that the FY 2017-2022 TIP be amended to include project and funding updates for the Northern Virginia section, as described in the attached materials, and

**WHEREAS**, the TIP is available online at [mwcog.org/tip](http://mwcog.org/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 February 9, 2017 that VDOT had requested an amendment to the FY 2017-2022 TIP to comprehensively update project and funding information in the Northern Virginia section to be consistent with VDOT's proposed FY 2018-2021 State Transportation Improvement Program (STIP), as described in the attached materials; and

**WHEREAS**, copies of the proposed TIP update document were available at the February 15 and March 15 TPB meetings and on the web at [mwcog.org/tip](http://mwcog.org/tip); and

**WHEREAS**, these projects are either included in the Air Quality Conformity Analysis of the 2016 CLRP Amendment and the FY 2017-2022 TIP, or are exempt from the air quality conformity requirement, as defined in Environmental Protection Agency's (EPA) Transportation Conformity Regulations as of April 2012;

**NOW, THEREFORE, BE IT RESOLVED THAT** the National Capital Region Transportation Planning Board amends the FY 2017-2022 TIP to include project and funding updates for 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

February 8, 2017

The Honorable Bridget Newton, Chair  
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 Virginia Projects in the National Capital Region FY 2017-2022 Transportation Improvement Program

Dear Ms. Newton:

The Virginia Department of Transportation (VDOT) requests amendments to the FY 2017-2022 Transportation Improvement Program (TIP) to add transportation projects and funding that will be included in Virginia's FY 2018-2021 State Transportation Improvement Program (STIP). These projects are already included in the 2016 Constrained Long Range Plan (CLRP).

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. 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 February 9<sup>th</sup>, 2017 Citizens Advisory Committee meeting and to take action on the update at the Board's March 15<sup>th</sup>, 2017 meeting.

The proposed funds are included in recent allocations by the Commonwealth Transportation Board as part of Virginia's FY 2017-2022 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 2014 CLRP update. The proposed TIP amendment will not impact the currently approved regional air quality conformity analysis of the 2016 CLRP since the projects that are regionally significant for air quality conformity have already been included in the air quality conformity analysis for the CLRP.

The attached Northern Virginia TIP Report tables provide detailed funding information about the individual included in the TIP update.

VDOT requests that this TIP update be considered and acted upon by the Transportation Planning Board at the Board's meeting on March 15<sup>th</sup>, 2017. 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. Wendy Thomas, VDOT  
Ms. Larrice Henley, VDOT  
Ms. Rene'e Hamilton, VDOT-NoVA  
Ms. Maria Sinner, P.E., VDOT-NoVA  
Mr. Norman Whitaker, AICP, VDOT-NoVA

**NORTHERN VIRGINIA  
FY 2017-2022 TIP PROJECT TYPE INDEX**

**VDOT**

**Interstate**

**Boundary Chanel Drive Modifications**

5965 Agency ID: 104323 Title: Boundary Chanel Drive Modifications

**Congestion Management Plan**

5541 Agency ID: 86527 Title: NoVA GEC Mega Project Administration

**I-395/ Seminary Road New Reversible Lane Ramp**

6029 Agency ID: 96261 Title: I-395/ Seminary Rd Reversible lane ramp

**I-495 Capital Beltway Auxiliary Lanes**

6280 Agency ID: 94611 Title: GEC Design Services I495/DAAH Interchange Improvements

**I-495 HOT Lane Support**

6272 Agency ID: 68805 linked with Title: BUILD 4-HOT LANES FROM SPRINGFIELD TO N OF DULLES TOLL RD

**I-495 HOT Lanes- South of GW Pkwy to South of Old Dominion Drive**

6361 Agency ID: 106025 Title: I-495 Northern Section Shoulder Use Debt Service

**I-495 HOT/HOV Lanes**

6275 Agency ID: 84742 Title: HOT LANES PAVEMENT REHABILITATION AND OTHER CONSTRUCTION

6287 Agency ID: 103581 Title: I-495 HOT Lanes Final Landscaping Phase II

6276 Agency ID: 87771 linked with Title: I-495 Hot Lanes Project

**I-66 - Additional Lanes, HOV Lanes**

6566 Agency ID: 70043 Title: I66 WIDEN TO 8-LANES FROM RT 234 BYPASS TO RT 29/GAINESVILLE

6350 Agency ID: 93577 Title: I-66 Widening to Route 15 (1 HOV + 1 SOV ea. direction)

6565 Agency ID: 69113 Title: RTE 66 - ADDITIONAL LANE & HOV LANES

**I-66 @ Route 28 Interchange Improvements**

6208 Agency ID: 103317 Title: I-66 @ Route 28 Interchange Improvements

**I-66 and US 29 Interchange, Widen and Construct US 29 and VA 55**

4794 Agency ID: 52326 Title: I-66 - Reconstruction of Interchange at Rte 29 (Gainesville) Phase IV

**I-66 Corridor Improvements Project**

6568 Agency ID: 105500 Title: I-66 Tier II

6540 Agency ID: 108826 Title: Transform 66 Outside of Beltway

6549 Agency ID: 110496 Title: TRANSFORM I-66 OVERSIGHT PROJECT

**I-66 Multimodal Improvement Project, inside the Beltway**

6544 Agency ID: 108424 Title: I-66 Inside of the Beltway Initiatives

6545 Agency ID: 110392 Title: I-66 Inside of the Beltway Initiatives GARVEE DEBT SERVICES

6513 Agency ID: 107371 Title: I-66 Inside the Beltway Tolling Infrastructure

6512 Agency ID: 108337 Title: I-66 Inside the Beltway Tolling Systems Integration

**I-66 Spot Improvements Inside the Beltway**

6206 Agency ID: 78827 Title: I-66 Spot Improvements 3

6577 Agency ID: 78826 Title: Westbound Accel/Decel Lane from Geo Mason Dr to Sycamore St

4303 Agency ID: 78828 Title: Westbound ACCEL/DECEL LN Westmoreland to Haycock Rd

**I-66 Study / Access Improvements(Outside the Beltway)**

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## NORTHERN VIRGINIA FY 2017-2022 TIP PROJECT TYPE INDEX

6347	Agency ID: 54911,	Title: I 66 Preliminary Engineering for EIS
6348	Agency ID: 105239	Title: I-66 PPTA Study

### I-95 HOT/HOV Lanes Construction

6562	Agency ID: 110527	Title: Fred Ex - 1-95 Express Lanes Extension Exit 160 to Exit 133
6567	Agency ID: 77616	Title: I-95 - PE STUDIES (HOT LANES)
6264	Agency ID: 103106	Title: I-95 HOV/HOT Lanes Construction
6265	Agency ID: 103222 [T11619]	Title: I-95 HOV/HOT Lanes Debt Service

### I-95 Interchange Improvements Phase VIII Support

6552	Agency ID: 90159	Title: I-95 Interchange Improvements Phase VIII Support
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### I-95 NB DIRECTIONAL OFF RAMP TO NB FAIRFAX COUNTY PARKWAY

6221	Agency ID: 93033	Title: I-95 Directional Off Ramp to NB Fairfax County Parkway
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### NB I-395 Auxiliary Lane (Duke St. to Seminary Road)

5966	Agency ID: 102437	Title: NB I-395 Auxiliary Lane (Duke St. to Seminary Road)
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### Reconstruction of I-66/ Rte. 15 Interchange

5930	Agency ID: 100566	Title: I-66 / Route 15 IINTERCHANGE RECONSTRUCTION
6543	Agency ID: 110376	Title: I-66 / Route 15 IINTERCHANGE RECONSTRUCTION GARVEE DEBT SERVICES

### Transit Service Improvements

4152	Agency ID: 81009	Title: I-66 Vienna Metrorail Accessibility and Capacity Improvements
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## Primary

### Construct Interchange at Rte 1/123 Phase 1 (CN Only)

6309	Agency ID: 14693	Title: Route 123/ Route 1 Interchange in PWC
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### Construct Interchange at Rte. 7 and Rte 659 - Belmont Ridge Road

5926	Agency ID: 99481	Title: Rte 7/ Rte 659 Interchange
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### Dulles Air Cargo, Passenger and Metro Access Highway

6311	Agency ID: 103929	Title: Dulles Air Cargo, Pass Metro Access HWY (DACPMA) - PE ONLY
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### FAIRFAX COUNTY PARKWAY - CONSTRUCT 4 LANES

6569	Agency ID: 14719	Title: FAIRFAX COUNTY PARKWAY - CONSTRUCT 4 LANES
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### Manassas National Battlefield Park Bypass

6304	Agency ID: 103319	Title: RT 29 Manassas National Battlefield Bypass - PE Only
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### Nokesville Road Widening

6302	Agency ID: 92080	Title: RT 28 Widen to Four Lanes Including RT 215 Re-alignment
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### Route 1 Improvements

6446	Agency ID: 104303	Title: Route 1 Widening from Featherstone Road to Mary's Way
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### Route 234 Bypass Extension

6355	Agency ID: 52405	Title: PROPOSED TRI-COUNTY PARKWAY - 4-LANE - EIS STUDY ONLY
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### Route 7 (Leesburg Pike) Widening (VA 267 to Reston Ave.)

6546	Agency ID: 110377	Title: #HB2.FY17 RTE 7 CORRIDOR IMPROVEMENTS - PH 1 GARVEE DEBT SERVICE
6519	Agency ID: 99478	Title: #HB2.FY17 RTE 7 CORRIDOR IMPROVEMENTS - PHASE 1
6547	Agency ID: 110378	Title: HB2.FY17 RTE 7 CORRIDOR IMPROVEMENTS - PHASE 2 GARVEE DEBT SERVICES
6300	Agency ID: 52328	Title: RT 7- Wident to Six Lanes PE Only



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## NORTHERN VIRGINIA FY 2017-2022 TIP PROJECT TYPE INDEX

### RTE 123 - WIDEN FROM 2 TO 4 LANES ON 6-LANE R/W□

6574 Agency ID: 51135 Title: RTE 123 - WIDEN FROM 2 TO 4 LANES ON 6-LANE R/W

### Rte 123 Widen Roadway to 4 Lanes

6555 Agency ID: 16622 Title: RTE 123 - WIDENING FROM 2 LANES TO 4 LANES ON 6 LANE R/W

### Rte. 28 Widening

6298 Agency ID: 96721 Title: Route 28 Widening

### US 1 Construct 6-Lane divided roadway

6353 Agency ID: 16422 Title: REPLACE AND WIDEN BRIDGE AND APPROACHES AT NEABSCO CREEK

### US 1, Widen, Reconstruct Interchange, Study

6443 Agency ID: 107187 Title: Richmond Highway Multimodal Improvements

### US 1/ VA 123 Interchange, Widen

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

### US 15 South King Street Widening

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

### US 29, Construct, Widen

6324 Agency ID: 88600 Title: Water Main Relocaitons and Water System Upgrades

### US 50 Interchange

6305 Agency ID: 13531 Title: Arlington Blvd, RT 50 10th St. and Courthouse Rd. Interchanges

6308 Agency ID: 95552 linked to 93 Title: ARRA C Arlington Blvd. RT 50 , 10th and Courthouse Interchanges

### VA 235 Mt Vernon Memorial Hwy, Reconstruct, Study

6314 Agency ID: 77404 Title: Mulligan Rd Realign Rt. 235 and Widen Rt. 619

### VA 27, Reconstruct Interchange at VA 244

4344 Agency ID: 13528 Title: VA 27 - Interchange Modifications

### VA 28 Centreville Road

6450 Agency ID: 108720 Title: VA Route 28 Widening (Prince William County Line to Route 29)

### VA 28 PPTA, Upgrade, Construct

6457 Agency ID: 106652 Title: Route 28 Widening (SB from the Dulles Toll Road to Route 50)

### VA 7

6301 Agency ID: 99478 Title: Route 7 - Widen to Six Lanes

6299 Agency ID: 52327 Title: RT 7 - Widen to Six Lanes

### VA 7, Widen, Upgrade

6539 Agency ID: 106917 Title: #HB2.FY17 RTE 7 CORRIDOR IMPROVEMENTS - PHASE 2

### VA Route 28 Study

6205 Agency ID: 105482 Title: VA Route 28 Study

### VINT HILL RD WIDENING TO 4 LANES (VDOT Oversight)□

6575 Agency ID: 104554 Title: VINT HILL RD WIDENING TO 4 LANES (VDOT Oversight)

### Widen Rte 1 from Telegraph Rd (Fairfax County) to Annapolis Way (Prince William Cnty)

6557 Agency ID: 12906 Title: RTE 1 - WIDENING

6352 Agency ID: 103073 Title: Widening of US 1 to 6 lanes between Telegraph Rd and Rt 235

## Secondary

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## NORTHERN VIRGINIA FY 2017-2022 TIP PROJECT TYPE INDEX

### Expanding Rolling Road/Franconia-Springfield Parkway/Fairfax County Parkway Ramp to two lanes

5924 Agency ID: 100391 Title: Rolling Road Loop Road

### Fairfax County Parkway Improvements

6339 Agency ID: 95549 Title: ARRA-C Route 286 (Formerly 7100 )Fairfax Cty Pkwy at Fair Lakes Interchange

6520 Agency ID: UPC 107937 Title: Fairfax County Parkway widen from 4 to 6 lanes

6337 Agency ID: 52404 Title: RTE 7100 - FAIRFAX COUNTY PRKWY - CONSTR INTRCHNG-PE/RW ONLY

### Jones Branch Dr. Connector

6080 Agency ID: 103907 Title: Jones Branch Drive Connector

### Loudoun County Pkwy

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

### Minnieville Road Construct 4-Lane Divided Roadway

5392 Agency ID: 103484 Title: Minnieville Road Construct 4-Lane Divided Roadway

### Neabsco Mills Road

6541 Agency ID: 107947 Title: NEABSCO MILLS ROAD - Widen to 4 lanes

### Possum Point Road Drainage Improvements

6560 Agency ID: 104056 Title: Possum Point Road Drainage Improvements

### Purcell Rd Realignment & added capacity

5890 Agency ID: 90499 Title: Purcell Rd Realignment & added capacity

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

6447 Agency ID: -16861 Title: Belmont Ridge Road (Route 659), South of the Dulles Greenway

### Rogues Road Reconstruction

6429 Agency ID: 104300 Title: Rogues Road Reconstruction

### Rolling Road Widening

6248 Agency ID: 102905 Title: Rolling Road Widening

### Route 7 George Washington Boulevard Overpass

6553 Agency ID: 105584 Title: ROUTE 7/GEORGE WASHINGTON BLVD OVERPASS

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

6335 Agency ID: 76244 Title: VA 659 Reconstruct to 4 Lanes

### Telegraph Road

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

### University Boulevard Extension

6559 Agency ID: 104816 Title: RTE 840 UNIVERSITY BOULEVARD WIDENING AND EXTENSION -PE ONLY

### VA 1036 Pacific Boulevard, Construct

6359 Agency ID: 93144 Title: Pacific Blvd construction

### VA 638 Rolling Road Widening

6247 Agency ID: 5559 Title: Rolling Road

### VA 7100 Fairfax County Parkway, Construct

6317 Agency ID: 88556 Title: VA 7100 Fairfax Co Pkwy at EPG Phase I & II Construction

## Urban

### Battlefield Parkway, Construct

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## NORTHERN VIRGINIA FY 2017-2022 TIP PROJECT TYPE INDEX

6561	Agency ID: 18992	Title: BATTLEFIELD PARKWAY - 4 LANES ON 6 LANE R/W
6407	Agency ID: 100518	Title: Battlefield Parkway Extension

### Eisenhower Valley Access and Circulation Improvements

6445	Agency ID: 52175	Title: Clermont Avenue Connector - PE Only for NEPA Study
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### Evergreen Mill Road Widening

6256	Agency ID: 104380	Title: Evergreen Mill Road Widening
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### Spring Street

6537	Agency ID: 105521	Title: Widen East Spring Street
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### Sycolin Road

6203	Agency ID: 102895	Title: Sycolin Road
6204	Agency ID: 90339	Title: Widen US Route 1

### Wellington Rd. Overpass Phase III

6332	Agency ID: 104374	Title: Wellington rd. Overpass Phase II
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### Widen Liberia Avenue

6550	Agency ID: 102903	Title: Widen Liberia Avenue - PE Only
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## Bike/Ped

### HOT Lanes Bicycle/Pedestrians Facilities Phase II

6273	Agency ID: 104005	Title: HOT Lanes Bicycle/Pedestrian Facilities - Phase II
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### Project Grouping for Construction: Recreational Trails

6485	Agency ID:	Title: Project Grouping: Construction: Recreational Trails
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## Bridge

### Construction: Bridge Rehabilitation/Replacement/Reconstruction

5503	Agency ID: TIPGRP001	Title: Construction: Bridge Rehabilitation/Replacement/Reconstruction
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### Frontier Drive Extension plus Braided Ramps

6449	Agency ID: 106742	Title: Frontier Dr Extension
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### RTE 28 - BRIDGE REPLACEMENT OVER BROAD RUN

6554	Agency ID: 68627	Title: RTE 28 - BRIDGE REPLACEMENT OVER BROAD RUN
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### TIP Grouping for Preventive Maintenance for Bridges

5525	Agency ID: TIPGRP006	Title: TIP Grouping for Preventive Maintenance for Bridges
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## Enhancement

### Colechester Road

6316	Agency ID: 76256	Title: Colchester Road - RTE 612
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### TIP Grouping project for Construction: Transportation Enhancement Byway Non-Traditional

5523	Agency ID: TIPGRP004	Title: TIP Grouping project for Construction: Transportation Enhancement Byway Non-Tra
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## ITS

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

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

### BRAC/Economic Development

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## NORTHERN VIRGINIA FY 2017-2022 TIP PROJECT TYPE INDEX

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

### Embark Richmond Highway (Study)

6542 Agency ID: Title: Embark Richmond Highway Comprehensive Plan Amendment

### Evaluation of Significant Projects that can ease Congestion

6074 Agency ID: 103910 Title: Evaluation of Significant Projects that can ease Congestion

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

6271 Agency ID: 95382 Title: I-95/395 HOT Lanes - Arlington Lawsuit Support

### TIP Grouping project for Construction: Safety/ITS/Operational Improvements

6548 Agency ID: 110375 Title: #HB2.FY17 Const Inter AT RTE 15/17/29 BUS GARVEE DEBT SERVICES

5506 Agency ID: TIPGRP003 Title: TIP Grouping project for Construction: Safety/ITS/Operational Improvements

### Virginia Statewide Vehicle Fuel Conversion Program

6041 Agency ID: T11802 Title: Virginia Statewide Vehicle Fuel Conversion Program

## CMAQ

### FAIRFAX COUNTY PARKWAY - ROUTE 7 INTERCHANGE

6558 Agency ID: 15292 Title: FAIRFAX COUNTY PARKWAY - ROUTE 7 INTERCHANGE

### Fairfax County Parkway Extension

6297 Agency ID: 4700 Title: Fairfax County Parkway Extension

### RTE 66 - CONSTRUCT COMMUTER LOT

6551 Agency ID: 16003 Title: RTE 66 - CONSTRUCT COMMUTER LOT

## Federal Lands Highway Program

### Construction : Federal Lands Highway

6441 Agency ID: Title: Project Grouping: Constuction : Federal Lands Highway

### I-95 NB HOV - Direct Access Ramps into Fort Belvoir EPG

6223 Agency ID: 96259 Title: Engineering Studies for I-95 NB Ramps and Rolling Road Loop Ramp

6222 Agency ID: 96256 Title: I 95 DAR Ramps into Ft. Belvoir

## Maintenance

### TIP Grouping project for Preventive Maintenance and System Preservation

5524 Agency ID: TIPGRP005 Title: TIP Grouping project for Preventive Maintenance and System Preservation

## Transit

### CSX RF &P Rail Corridor Third Track

6402 Agency ID: VRE0018 Title: Phase II - Work related potomac shores station

### Dulles Corridor Metrorail Extension Phase II

6362 Agency ID: 102891 and FFX0 Title: Route 28 Metrorail Station (Innovation Station)

### Dulles Corridor Metrorail Project

4272 Agency ID: DUL0002 Title: Dulles Corridor Metrorail Project - Phase 2

### Eisenhower Valley Transit Improvements

6573 Agency ID: 77378 Title: EISENHOWER AVENUE WIDENING AND REMOVE TRAFFIC CIRCLE

### Franconia-Springfield Parkway Park-and-Ride Lots

6281 Agency ID: 106274 Title: Springfield CBD Commuter Parking Garage

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## NORTHERN VIRGINIA FY 2017-2022 TIP PROJECT TYPE INDEX

### Loudoun County Park and Ride Lots, Construct

4216 Agency ID: 79679 Title: Loudoun County Park-and-Ride Lot (Loves Island)

### PRTC - Bus Acquisition / Replacement Program

4506 Agency ID: PRTC0005 Title: PRTC - Bus Acquisition / Replacement Program

### PRTC - Captial Cost of Contracting

5601 Agency ID: PRTC0004 Title: PRTC - Preventive Maintenance

### PRTC Security Enhancements

5707 Agency ID: PRTC0006 Title: PRTC Security Enhancements

### TIP Grouping for Transit Vehicles

6331 Agency ID: Title: Transit : Vehicles

### TIP Grouping project for Construction: Rail

6306 Agency ID: Title: Rail Construction

### TIP Grouping project for Transit Access

6333 Agency ID: Title: Transit : Access

### TIP Grouping project for Transit Amenities

6328 Agency ID: Title: Amenities

### Transit: Ridesharing

6330 Agency ID: Title: Transit Ridesharing

### VRE - Administration / Studies / Training

4802 Agency ID: VRE0002 Title: Fare Collection System/Comm. Improvements

4489 Agency ID: VRE0008 Title: Grant and Project Management

4277 Agency ID: VRE0003 Title: Security Enhancements Systemwide

### VRE - Rolling Stock Acquisition

4534 Agency ID: VRE0009 Title: Rolling Stock Acquisition

4818 Agency ID: VRE0001 Title: Rolling Stock Modifications and Overhauls

### VRE - Stations and Facilities

6320 Agency ID: T10671 Title: VRE Rippon Platforms

6404 Agency ID: Title: VRE Stations and Facilities

4310 Agency ID: VRE0011 Title: VRE Stations and Facilities

### VRE - Tracks and Storage Yards

4070 Agency ID: VRE0007 Title: VRE Storage Yards Improvements

### VRE Track Lease Improvements

5489 Agency ID: VRE0012 Title: VRE Track Lease Improvements



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

			Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total	
<b>TIP ID: 4070</b>			<b>Agency ID: VRE0007</b>			<b>Title: VRE Storage Yards Improvements</b>			<b>Complete: 2030</b>			<b>Total Cost: \$44,801</b>	
Facility:			Sect. 5307	62/34/4	8,048 c	5,100 c	4,636 c					9,736	
From: Systemwide													
To:			Sect. 5309	62/34/4	262 c								
			Sect. 5337-SGR	62/34/4	33,971 c	18,794 c						18,794	
											<b>Total Funds:</b>	<b>28,530</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>TIP ID: 4152</b>			<b>Agency ID: 81009</b>			<b>Title: I-66 Vienna Metrorail Accessibility and Capacity Improvements</b>			<b>Complete: 2016</b>			<b>Total Cost: \$3,207</b>	
Facility: I			AC	100/0/0	14,747 c								
From: Transit Ramps- from EB & to WB													
To: @ Vaden Drive			CMAQ	80/20/0	29,033 c								
			RSTP	80/20/0	-705 a		-711 a						
					1,500 b								
					40,723 c								
			STP	80/20/0	583 c								

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>TIP ID: 4216</b>			<b>Agency ID: 79679</b>			<b>Title: Loudoun County Park-and-Ride Lot (Lowes Island)</b>			<b>Complete:</b>			<b>Total Cost: \$425</b>	
Facility: Park and Ride Lot			AC	80/20/0	179 c								
From: Lowes Island													
To:			AC Conversion	80/20/0	130 c								
			CMAQ	80/20/0	56 c		61 c					61	
											<b>Total Funds:</b>	<b>61</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.

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

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 4272 Agency ID: DUL0002 Title: Dulles Corridor Metrorail Project - Phase 2			Complete: 2018 Total Cost: \$2,937,421						
Facility: Local	0/0/100	856,129 c	24,699 c	13,175 c					37,874
From: Wiehle Avenue									
To: VA	State	0/100/0	300,000 c						
	TIFIA	0/0/100	1,875,697 c						

Total Funds: 37,874

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.

TIP ID: 4277 Agency ID: VRE0003 Title: Security Enhancements Systemwide			Complete: 2040 Total Cost: \$2,100						
Facility: Sect. 5307	80/16/4	405 c	105 c	105 c	105 c	105 c	105 c		420
From: Systemwide									
To:									Total Funds: 420

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

TIP ID: 4303 Agency ID: 78828 Title: Westbound ACCEL/DECEL LN Westmoreland to Haycock Rd			Complete: Total Cost: \$15,424						
Facility: I	AC	80/20/0	135 a	159 a					159
From: Westmoreland Dr. / Washington Blvd Exit			3,166 c						
To: Haycock Rd /Dulles Access Highway Ramp	Earmark	80/20/0	2,142 a						
			15,720 c						
	NHPP	80/20/0	11,191 c						

Total Funds: 159

Description: Construct Spot Improvement Phase II within cited limits.

TIP ID: 4310 Agency ID: VRE0011 Title: VRE Stations and Facilities			Complete: Total Cost: \$4,612						
Facility: VRE Stations and Facilities	Sect. 5307	80/20/0	957 c						
From: Districtwide									
To:	Sect. 5309	80/20/0	500 c						
	Sect. 5337-SGR	80/16/4	7,266 c	3,930 c	946 c	946 c	946 c		6,768

Total Funds: 6,768

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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Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 4344 Agency ID: 13528 Title: VA 27 - Interchange Modifications			Complete:		Total Cost:		<b>\$43,244</b>		
Facility: VA Washington Blvd Interchange	AC	100/0/0		1,122 a					2,561
From: I North of 0.31 mile				1,439 c					
To: VA North of 0.29 mile									
AC 1	80/20/0	997 c							
AC Conversion	80/20/0	2,760 a 1,615 b							
AC Conversion 1	100/0/0	-9,693 c							
BR	80/20/0	1,508 a -2,254 b 747 c		-2,254 b					
EB/MG	80/20/0	-164 b 164 c							
STP	80/20/0			331 a -4,357 b					331
<b>Total Funds:</b>									<b>2,892</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.

TIP ID: 4489 Agency ID: VRE0008 Title: Grant and Project Management			Complete:		Total Cost:		<b>\$2,450</b>		
Facility: System Wide	Sect. 5307	80/20/0	2,546 a	650 a	650 a	650 a	650 a		2,600
From: Northern Virginia									
To:									
<b>Total Funds:</b>									<b>2,600</b>

Description: The costs of grants and project management, as well as staff participation in federal grants management seminars, will be capitalized to the grants, reserving operating funds for service provision.

TIP ID: 4506 Agency ID: PRTC0005 Title: PRTC - Bus Acquisition / Replacement Program			Complete:		Total Cost:		<b>\$10,338</b>		
Facility: PRTC - Bus Acquisition	Sect. 5309	80/16/4	572 a						
From: NOVA Districtwide									
To:	Sect. 5339	80/16/4		10,338 c					10,338
<b>Total Funds:</b>									<b>10,338</b>

Description: Replacement of sixteen commuter buses manufactured in 2002 that have reached the end of their useful life.

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			Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
<b>TIP ID: 4534 Agency ID: VRE0009 Title: Rolling Stock Acquisition</b>									Complete:	Total Cost:		<b>\$58,761</b>
Facility: VRE Rolling Stock			Sect. 5307	80/16/4		2,726 c	2,726 c	2,726 c	2,726 c			10,904
From: Systemwide												
To:			Sect. 5337-SGR	80/16/4		3,878 c	3,878 c	3,878 c	3,878 c			15,512
											<b>Total Funds:</b>	<b>26,416</b>

Description: VRE has purchased from Sumitomo 11 cab cars (base order), 50 cab and trailers (option order) and an additional 10 cars. This project includes funding for a new procurement of up to 42 railcars with of base order of eight cars and option orders of seven, five and nine cars.

<b>TIP ID: 4794 Agency ID: 52326 Title: I-66 - Reconstruction of Interchange at Rte 29 (Gainesville) Phase IV</b>									Complete:	Total Cost:		<b>\$211,942</b>
Facility: I Interchange			AC	80/20/0	1,086 a							
From: US Virginia Oaks Drive Intersection												
To: 0.033 mile west of WB I-66												
					31,848 b							
					1,960 c							
			AC Conversion	80/20/0	1,086 a							
					31,848 b							
					5,840 c							
			Earmark	80/20/0	254 b							
					457 c							
			NHPP	100/0/0			147 a					3,193
							3,046 c					
			NHPP 1	80/20/0			-3,842 b					
											<b>Total Funds:</b>	<b>3,193</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.

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Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
<b>TIP ID: 4802 Agency ID: VRE0002 Title: Fare Collection System/Comm. Improvements</b>							Complete: 2030	Total Cost:	<b>\$18,728</b>
Facility: Sect. 5307	80/16/4		1,200 c						1,200
From: Systemwide									
To:									<b>Total Funds: 1,200</b>
Description: Ongoing maintenance of the fare collection equipment and the next generation of fare equipment. Fare Collection III									

<b>TIP ID: 4818 Agency ID: VRE0001 Title: Rolling Stock Modifications and Overhauls</b>							Complete:	Total Cost:	<b>\$35,765</b>
Facility: Sect. 5307	80/16/4	3,388 c							
From: Systemwide									
To: Sect. 5309	80/16/4	2,283 c							
	Sect. 5337-SGR	80/16/4	8,800 c	4,900 c					4,900
									<b>Total Funds: 4,900</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.									

<b>TIP ID: 5392 Agency ID: 103484 Title: Minnieville Road Construct 4-Lane Divided Roadway</b>							Complete: 2020	Total Cost:	<b>\$40,000</b>
Facility: VA Minnieville Road	AC	100/0/0		12,000 c					12,000
From: VA Spriggs Road									
To: VA Dumfries Road	BD	0/0/100	3,275 b 13,552 c						
	Local	0/0/100	18,040 c						
	REVSH	0/50/50	1,750 a 3,830 b 4,420 c						
	State/Local	50/50/0		2,500 a 3,000 b 22,500 c					28,000
									<b>Total Funds: 40,000</b>
Description: Minnieville Road Construct 4-Lane Divided Roadway within cited limits.									

<b>TIP ID: 5489 Agency ID: VRE0012 Title: VRE Track Lease Improvements</b>							Complete:	Total Cost:	<b>\$229,971</b>
Facility: VRE Track	STP	50/34/16	60,500 c	17,024 c	17,490 c	18,190 c			52,704
From: NoVA and District of Columbia									
To:									<b>Total Funds: 52,704</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.									

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Source		Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 5503 Agency ID: TIPGRP001		Title: Construction: Bridge Rehabilitation/Replacement/Reconstruction				Complete:		Total Cost:		\$184,923
Facility: District-wide Bridges	AC	89/11/0			3,267 a		530 a			3,797
From:	AC 1	100/0/0			13,997 c					13,997
To:	AC 2	85/15/0		9,714 c						9,714
	AC Conversion	80/20/0			15 a 62 b 423 c	125 c	4,384 c			5,009
	BR	80/20/0			90 a -1,197 c					90
	BR 1	90/10/0		1,752 c						1,752
	RSTP	80/20/0						125 a		125
	STP	80/20/0					74 a			74
<b>Total Funds:</b>										<b>34,558</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.

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Source		Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 5506 Agency ID: TIPGRP003		Title: TIP Grouping project for Construction: Safety/ITS/Operational Improve			Complete:			Total Cost:		\$975,536
Facility: Safety/ITS/Operational Projects	AC	100/0/0			1,180 b					1,180
From: Districtwide	AC 1	95/5/0		507 a						16,288
To:				711 b						
				15,070 c						
	AC 2	91/9/0			3,438 c	8,055 c	11,815 c	78 c		23,386
	AC 3	86/14/0		649 a						649
	AC 4	85/15/0		189 a						189
	AC 5	83/17/0		1,008 b	14,354 a	1,057 a	20,941 a	16,950 a		54,310
	AC Conversion	80/20/0		700 a	386 c	878 a	1,203 a	1,301 a		5,633
						445 c	437 c	283 c		
	AC Conversion 1	81/19/0		1,209 c						1,209
	BR	80/20/0		769 b						769
	CMAQ	81/19/0		11,263 c						11,263
	CMAQ 1	80/20/0			3,203 a	400 a	1,822 a	2,530 a		11,570
					398 c	2,306 c		911 c		
	CMAQ 2	75/25/0		107 a						107
	CMAQ 3	74/26/0		108 a						108
	DEMO	80/20/0			1,450 b	1,073 c				2,523
	EB/MG	81/19/0		840 c						840
	EB/MG 1	84/16/0		109 c						109
	EB/MG 2	80/20/0		387 b						387
	HSIP	90/10/0			22 b	690 a	111 a	89 b		3,421
					1,250 c	605 b	278 b			
							376 c			
	HSIP 1	100/0/0		999 b						999

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Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
HSIP 2	98/2/0		9,379 c						9,379
HSIP 3	52/48/0		96 a						96
IM	94/6/0		3,581 c						3,581
NHPP	80/20/0			313 b	781 c	4,987 a			6,081
NHPP 1	100/0/0		47 c						47
RSTP	80/20/0		2,601 b 2,148 c	2,206 a 1,344 c	5 a 875 b 3,430 c	150 a 3,125 c	1,291 a 600 c		17,775
RSTP 1	79/21/0		1,957 a						1,957
State/Local	0/80/20			44 b	688 c	63 a			795
STP	80/20/0		22,334 c		1,313 b 4,854 c	1,270 c			29,771
STP 1	83/17/0		31 a						31
STP 2	84/16/0		967 b						967
STP 3	98/2/0		835 c						835
STP 4	100/0/0		40 b 2,627 c						2,667
STP/E	80/20/0		41 b						41
<b>Total Funds:</b>									<b>209,054</b>

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 5523 Agency ID: TIPGRP004 Title: TIP Grouping project for Construction: Transportation Enhancement By			Complete:	Total Cost:		\$176,344						
Facility: Transportation Enhancement Byway Non-Tra	AC	100/0/0				631 b	10 b			330 b		971
From: NoVA District	AC 1	92/8/0				3,676 c	11,779 c	6,537 c		718 c		22,710
To:	AC 2	80/20/0			496 c	50 a	139 a	292 a		425 a		1,402
	AC Conversion	80/20/0			79 c		63 a	166 a		285 a		1,500
							238 c			669 c		
	BR	80/20/0			380 c							380
	CMAQ	80/20/0			559 c	200 a	2,084 a	313 a		13 a		12,548
						808 b	5,802 c	2,081 c		688 c		
	DEMO	80/20/0					196 c					196
	NHPP	80/20/0				250 a	188 b	500 c				938
	RSTP	80/20/0			1,000 a		398 a	745 a		200 a		9,749
					151 b		1,567 c	403 c		721 c		
					4,564 c							
	State	0/100/0			100 a							100
	State/Local	0/50/50			100 a							100
	STP	80/20/0			1 c		1,331 c					1,332
	TAP	80/20/0				401 b	403 c					5,271
						4,467 c						
<b>Total Funds:</b>												<b>57,197</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.

TIP ID: 5524 Agency ID: TIPGRP005 Title: TIP Grouping project for Preventive Maintenance and System Preservati			Complete:	Total Cost:		\$20,654						
Facility: Preventive Maintenance and System Preserv	STP	100/0/0				17,265 c	19,132 c	16,242 c	20,571 c	20,654 c		93,864
From: NoVA District												
To:	<b>Total Funds:</b>											<b>93,864</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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Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
<b>TIP ID: 5525 Agency ID: TIPGRP006 Title: TIP Grouping for Preventive Maintenance for Bridges</b>			Complete:			Total Cost:			<b>\$3,476</b>
Facility: Bridges	STP	100/0/0		3,220 c	2,734 c	3,462 c	3,476 c		12,892
From: NoVA District									
To:	STP/E	100/0/0	2,905 c						2,905
<b>Total Funds:</b>									<b>15,797</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.

<b>TIP ID: 5526 Agency ID: TIPGRP007 Title: TIP Grouping project for Maintenance: Traffic and Safety Operations</b>			Complete:			Total Cost:			<b>\$4,618</b>
Facility: Traffic and Safety Operations	STP	100/0/0	4,047 c	4,278 c	3,632 c	4,600 c	4,618 c		21,175
From: NoVA District									
To:									
<b>Total Funds:</b>									<b>21,175</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.

<b>TIP ID: 5541 Agency ID: 86527 Title: NoVA GEC Mega Project Administration</b>			Complete:			Total Cost:			<b>\$63,939</b>
Facility:	AC	90/10/0	10,200 c						
From:									
To:	NHPP	80/20/0	4,390 a	-4,390 a					
	State	0/100/0	1,564 c						

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

<b>TIP ID: 5601 Agency ID: PRTC0004 Title: PRTC - Preventive Maintenance</b>			Complete: 2040			Total Cost:			
Facility:	Sect. 5307	80/0/20	10,015 c	1,513 c	1,600 c	1,650 c	1,700 c	1,750 c	8,213
From:									
To:	Sect. 5337-SGR	80/0/20	3,933 c	1,157 c	1,300 c	1,450 c	1,600 c	1,650 c	7,157
	Sect. 5339	80/0/20		161 c	177 c	194 c	213 c	234 c	979
	STP	80/16/4		938 c					938
<b>Total Funds:</b>									<b>17,287</b>

Description: Maintenance of the Omniride and Omnilink fleet.



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Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
<b>TIP ID: 5707 Agency ID: PRTC0006 Title: PRTC Security Enhancements</b>			Complete:			Total Cost:			<b>\$846</b>
Facility: PRTC Transit Center	Sect. 5307	80/16/4	15 c	16 c	17 c	17 c	18 c		83
From:									
To:									<b>Total Funds: 83</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 ID: 5768 Agency ID: 81738 linked Title: BRAC -Economic Development</b>			Complete:			Total Cost:			<b>\$30,173</b>	
Facility:	AC	100/0/0		575 a					575	
From:										
To:	AC Conversion	90/10/0	1,499 a							
	AC Conversion 1	100/0/0	1,522 a							
	NHPP	100/0/0		1,590 a					1,590	
									<b>Total Funds: 2,165</b>	

Description: Program is to finance BRAC State Administration.

<b>TIP ID: 5890 Agency ID: 90499 Title: Purcell Rd Realignment &amp; added capacity</b>			Complete:			Total Cost:			<b>\$8,051</b>	
Facility:	AC	100/0/0	3,193 c	366 c					366	
From: VA 234 Rte 234										
To: 0.3 Mi East of Vista Brooke Drive	AC Conversion 1	80/20/0	935 b							
	EB/MG	80/20/0	41 c							
	HSIP	90/10/0	617 c							
	HSIP 1	100/0/0	1,311 c							
	Local	0/0/100	735 c							
	RSTP	80/20/0	1,434 a							
			1,075 b							
			2,277 c							
	STP	80/20/0	702 c							
	STP/E	80/20/0	703 c							
									<b>Total Funds: 366</b>	

Description:

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Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 5924 Agency ID: 100391 Title: <b>Rolling Road Loop Road</b>			Complete:			Total Cost:			<b>\$13,716</b>
Facility: VA	AC	100/0/0		39 b					593
From: Fairfax County Parkway				554 c					
To: VA Rolling Road									
AC 1	80/20/0	7,000 c							
AC Conversion	80/20/0	1,500 a							
		13,816 c							
RSTP	80/20/0	970 a							
		3,213 b							
		2,000 c							
<b>Total Funds:</b>									<b>593</b>

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

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 5926 Agency ID: 99481 Title: <b>Rte 7/ Rte 659 Interchange</b>			Complete:			Total Cost:			<b>\$77,297</b>
Facility: VA John Mosby Highway	AC	100/0/0	13,305 b	55,842 c					55,842
From: Route 659 Belmont Ridge Road			115,253 c						
To:									
AC Conversion	80/20/0	6,500 b							
DEMO	80/20/0	-6,500 a							
STP	100/0/0	495 b		0 a					7,621
				7,621 c					
STP	80/20/0	495 b		0 a					7,621
				7,621 c					
<b>Total Funds:</b>									<b>63,463</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.

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CAPITAL COSTS (in \$1,000)

Source		Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 5930 Agency ID: 100566		Title: I-66 / Route 15 INTERCHANGE RECONSTRUCTION				Complete:		Total Cost:		\$59,058
Facility: i-66	AC	100/0/0	5,000 b	-59 b	6,914 b					45,130
From: Rte. I-66/Rte 15 Interchange			45,383 c	-21,693 c	38,216 c					
To:	AC Conversion	100/0/0	5,000 b 57,148 c	1,172 c						1,172
	IM	90/10/0	3,400 a							
	NHPP	90/10/0			-257 a					
<b>Total Funds:</b>										<b>46,302</b>

Description: FROM: 0.224 Miles West of Rte. 15 TO: 0.371 Miles East of Rte. 15 (0.8380)

TIP ID: 5965 Agency ID: 104323		Title: Boundary Chanel Drive Modifications				Complete: 2020		Total Cost:		\$9,335
Facility:	AC	0/100/0		5,537 c						5,537
From:	Local	0/0/100	8,000 c							
To:	NVTA-PAYGO	0/73/27			1,440 a 900 b					2,340
	NVTA-PAYGO 1	80/20/0			6,995 c					6,995
	REVSH	0/50/50	1,440 a 900 b	1,458 c						1,458
<b>Total Funds:</b>										<b>16,330</b>

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.

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Source		Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 5966 Agency ID: 102437		Title: NB I-395 Auxiliary Lane (Duke St. to Seminary Road)				Complete:		Total Cost:		\$15,794
Facility: I 395	AC	100/0/0	13,005 c		843 a					8,222
From: Duke street					7,379 c					
To: Seminary Road										
	AC Conversion	100/0/0	1,699 a 224 b 29,377 c							
	NHPP	100/0/0			556 a					556
	NHS	80/20/0	1,000 a 500 b							
<b>Total Funds:</b>										<b>8,778</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.

TIP ID: 6029 Agency ID: 96261		Title: I-395/ Seminary Rd Reversible lane ramp				Complete:		Total Cost:		\$60,071
Facility: I	AC	100/0/0	1,000 b		15,492 c					15,492
From: Seminary Road Interchange			70,400 c							
To:										
	AC Conversion	100/0/0	9,088 a 1,730 b 58,888 c							
	IM	90/10/0	4,699 a							
	NHPP	100/0/0			12,817 c					12,817
	NHPP 1	80/20/0			-56 a					
	NHS	80/20/0	463 a							
	PRIV	0/0/0							0 a	
<b>Total Funds:</b>										<b>28,309</b>

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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total	
<b>TIP ID: 6041</b>	<b>Agency ID: T11802</b>	<b>Title: Virginia Statewide Vehicle Fuel Conversion Program</b>					<b>Complete:</b>		<b>Total Cost:</b>		<b>\$25,740</b>	
Facility:		AC	80/20/0	21,094 c		16,740 c					16,740	
From:												
To:		AC Conversion	80/20/0		1,227 c						1,227	
		CMAQ	80/20/0	2,818 c		3,516 c	600 c	1,000 c	2,754 c		7,870	
<b>Total Funds:</b>											<b>25,837</b>	

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

<b>TIP ID: 6074</b>	<b>Agency ID: 103910</b>	<b>Title: Evaluation of Significant Projects that can ease Congestion</b>					<b>Complete:</b>		<b>Total Cost:</b>		<b>\$4,500</b>	
Facility: N/A		AC	100/0/0	1,500 a		1,117 a					1,117	
From:												
To:		IM	90/10/0	1,500 a								
<b>Total Funds:</b>											<b>1,117</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.

<b>TIP ID: 6080</b>	<b>Agency ID: 103907</b>	<b>Title: Jones Branch Drive Connector</b>					<b>Complete:</b>		<b>Total Cost:</b>		<b>\$57,836</b>	
Facility: Scotts Crossing Rd		AC	100/0/0			14,468 c					14,468	
From: Dolly Madison Blvd												
To: Jones Branch Dr		AC 1	93/7/0	22,226 c								
		AC 2	80/20/0	387 a								
		AC Conversion	80/20/0	387 a	7,594 c						7,594	
		REVSH	0/50/50	20,000 c								
		RSTP	80/20/0	5,913 a		-2,000 b					1,431	
				5,000 b		1,431 c						
				2,474 c								
		State/Local	0/50/50			27,000 c					27,000	
<b>Total Funds:</b>											<b>50,493</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.

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

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 6202 Agency ID: 97529 Title: Route 606 Loudoun County Parkway / Old Ox Rd.Reconstruction			Complete:			Total Cost:			\$82,700
Facility: VA 606 Loudoun County Parkway	AC	100/0/0	150 a	2,492 b					56,011
From: VA 621 Evergreen Mills Road			13,000 b	53,519 c					
To: VA 267 Dulles Greenway			65,257 c						
BR	100/0/0		750 a						
RSTP	80/20/0			1,202 a					3,273
				2,071 b					
STP	100/0/0			3,688 b					3,688
<b>Total Funds:</b>									<b>62,972</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: 6203 Agency ID: 102895 Title: Sycolin Road			Complete:			Total Cost:			\$15,450
Facility: Sycolin Road	AC	100/0/0		4,062 c					4,062
From: Tolbert lane	REVSH	0/50/50	1,000 a						
To: Leesburg S Corporate Limits			1,500 b						
RSTP	80/20/0		2,019 c	387 b					2,406
State/Local	0/50/50			1,106 b					10,000
				8,894 c					
<b>Total Funds:</b>									<b>16,468</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).

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

			Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
<b>TIP ID: 6204 Agency ID: 90339</b>			<b>Title: Widen US Route 1</b>			Complete:			Total Cost:			<b>\$7,490</b>
Facility: US 1			AC	100/0/0	1,110 a		6,910 a					6,910
From: Brady's Hill Road 0.1 miles south of			EB/MG	80/20/0	182 a							
To: Dumfries Road 02. miles north of			NHPP	100/0/0	125 a							
			RSTP	80/20/0		30 a	16 a	21 a	23 a			90
			STP	80/20/0	183 a		182 a					182
											<b>Total Funds:</b>	<b>7,182</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>TIP ID: 6205 Agency ID: 105482</b>			<b>Title: VA Route 28 Study</b>			Complete:			Total Cost:			<b>\$2,510</b>
Facility: VA 28			AC	100/0/0			9 a					9
From: VA 234 Sudley Road			EB/MG	80/20/0	1,143 a							
To: I 66			STP	80/20/0	1,359 a		1,143 a					1,143
											<b>Total Funds:</b>	<b>1,152</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>TIP ID: 6206 Agency ID: 78827</b>			<b>Title: I-66 Spot Improvements 3</b>			Complete:			Total Cost:			<b>\$25,037</b>
Facility: I 66 I 66 Spot Improvements 3			AC	80/20/0	14,536 c		900 a					900
From: rt 120 .045 E. of Glebe Rd												
To: US 29 .095 W. of Lee Highway												
Description: New construction roadway												
											<b>Total Funds:</b>	<b>900</b>

<b>TIP ID: 6208 Agency ID: 103317</b>			<b>Title: I-66 @ Route 28 Interchange Improvements</b>			Complete:			Total Cost:			<b>\$50,000</b>
Facility:			AC	100/0/0			1,990 a					1,990
From:												
To:			AC Conversion 1	100/0/0	13,000 b							
					25,000 c							
											<b>Total Funds:</b>	<b>1,990</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 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 6221 Agency ID: 93033		Title: I-95 Directional Off Ramp to NB Fairfax County Parkway				Complete:		Total Cost:		\$5,207
Facility: I-95		AC	0/100/0	4,582 a						
From: FXCO Pkwy Exit 166 to		DEMO	90/10/0	4,800 a	-46 a					
To: 0.6 mi. W. of Exit 166		NHS	80/20/0	32 a						

Description:

TIP ID: 6222 Agency ID: 96256		Title: I 95 DAR Ramps into Ft. Belvoir				Complete:		Total Cost:		\$4,221
Facility: I 95		DEMO	100/0/0	486 a	-69 c					
From: Heller Rd.				-491 b						
To: I-95 HOV Lanes (approx. 3500 ft N. of FFXC		NHPP	80/20/0		-130 a					
					-10 b					

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

TIP ID: 6223 Agency ID: 96259		Title: Engineering Studies for I-95 NB Ramps and Rolling Road Loop Ramp				Complete:		Total Cost:		\$2,111
Facility: I-95		AC	100/0/0		1,900 a					1,900
From: Rolling Road										
To:										<b>Total Funds: 1,900</b>

Description:

TIP ID: 6247 Agency ID: 5559		Title: Rolling Road				Complete: 2019		Total Cost:		\$35,149
Facility: VA 638 Rolling Road		AC	100/0/0				2,410 c			2,410
From: VA 286 Fairfax Co. Pkwy (0.369 mi N. of Pkw		CMAQ	80/20/0	560 a				561 c		561
To: VA 644 Old Keene Mill Road		NVTA-BOND	0/100/0	5,000 a						
		NVTA-PAYGO	50/50/0		3,389 a			13,534 c		19,999
					3,076 b					
		REVSH	0/100/0	941 a						
				4,856 b						
		RSTP	80/20/0		3,500 b	1,500 b	1,457 b	3,142 c		9,599
										<b>Total Funds: 32,569</b>

Description: Widening to 4 lanes - PE Only



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

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
<b>TIP ID: 6248 Agency ID: 102905 Title: Rolling Road Widening</b>			Complete:			Total Cost:			<b>\$25,500</b>

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.

<b>TIP ID: 6256 Agency ID: 104380 Title: Evergreen Mill Road Widening</b>			Complete:			Total Cost:			<b>\$11,300</b>
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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 **Total Funds: 1,000**  
 Description: Widening Evergreen Mill Road to 4 Lanes

<b>TIP ID: 6257 Agency ID: 17687 Title: Widen US 15 Phase I</b>			Complete:			Total Cost:			<b>\$8,568</b>
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Facility: US 15 S. King Street AC 100/0/0 1,184 c 1,184  
 From: Masons Lane  
 To: VA 621 Evergreen Mill Road RSTP 80/20/0 694 c 4 a 379  
 STP 80/20/0 1 c 1  
**Total Funds: 1,564**

Description: Widen US 15 (Phase I)

<b>TIP ID: 6264 Agency ID: 103106 Title: I-95 HOV/HOT Lanes Construction</b>			Complete:			Total Cost:			<b>\$785,756</b>
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Facility: I 95 I-95 AC 100/0/0 -54,332 c  
 From: Garrisonville Rd.  
 To: 1 mi. N. of Edsall Rd. AC Conversion 1 100/0/0 -25,378 a

Description:

<b>TIP ID: 6265 Agency ID: 103222 [T1161 Title: I-95 HOV/HOT Lanes Debt Service</b>			Complete:			Total Cost:			<b>\$112,940</b>
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Facility: I 95 Interstate 95 AC 100/0/0 97,879 c  
 From: Garrisonville Rd.  
 To: 1 mi. N. of Edsall Rd. AC Conversion 1 100/0/0 11,431 c 7,808 c 7,458 c 15,266  
**Total Funds: 15,266**

Description: Debt service

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

		Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total	
<b>TIP ID: 6271</b>		<b>Agency ID: 95382</b>		<b>Title: I-95/395 HOT Lanes - Arlington Lawsuit Support</b>				<b>Complete:</b>		<b>Total Cost:</b>		<b>\$153</b>
Facility: I 395		NHPP	80/20/0			45 a					45	
From:												
To:		NHS	80/20/0	-3,456 a								
<b>Total Funds:</b>											<b>45</b>	

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

<b>TIP ID: 6272</b>		<b>Agency ID: 68805 linked wi</b>		<b>Title: BUILD 4-HOT LANES FROM SPRINGFIELD TO N OF DULLES TOLL RD</b>				<b>Complete:</b>		<b>Total Cost:</b>		<b>\$56,633</b>
Facility:		AC Conversion	100/0/0	-15,389 a								
From:				16,017 c								
To:		IM	80/20/0	100 c								
		NHPP	100/0/0	3,829 c								
		NHS	100/0/0	5,098 c								
		State/Local	100/0/0			-26,741 a						

Description:

<b>TIP ID: 6273</b>		<b>Agency ID: 104005</b>		<b>Title: HOT Lanes Bicycle/Pedestrian Facilities - Phase II</b>				<b>Complete:</b>		<b>Total Cost:</b>		<b>\$7,622</b>
Facility:		AC	100/0/0	1,800 c		1,800 c					1,800	
From: VA 123 Leesburg Pike												
To: VA Idylwood		CMAQ	80/20/0	200 a		1,600 b					2,205	
				1,600 b		605 c						
				2,014 c								
		NHPP	100/0/0			1,227 c					1,227	
<b>Total Funds:</b>											<b>5,232</b>	

Description: HOT Lanes Bicycle/Pedestrian Facilities

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

Source		Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 6275 Agency ID: 84742		Title: HOT LANES PAVEMENT REHABILITATION AND OTHER CONSTRUCTIO				Complete:		Total Cost:		\$63,100
Facility: I 495	AC Conversion 1	100/0/0	1 a							
From: Fairfax County	IM	90/10/0	1,211 a							
To:			-1,211 c							
	NHPP	90/10/0			1,212 a					4,123
					2,911 c					
<b>Total Funds:</b>										<b>4,123</b>

Description: Pavement Rehabilitation

TIP ID: 6276 Agency ID: 87771 linked w		Title: I-495 Hot Lanes Project				Complete:		Total Cost:		\$1,617,400
Facility: I 495	AC Conversion 1	100/0/0	1,328,629 a							
From:			230,756 b							
To:	BR	90/10/0			-14,056 c					
	IM	90/10/0	4,897 b							
	NHS	100/0/0	8,902 b							

Description: Roadway improvements--High Occupancy/Toll lanes

TIP ID: 6280 Agency ID: 94611		Title: GEC Design Services I495/DAAH Interchange Improvements				Complete:		Total Cost:		\$54,591
Facility: I 495	AC	100/0/0			49,203 c					49,203
From: .1 mi. E. of Spring Hill Rd.	NHPP	80/20/0			-15,411 a					
To: I-495	NHS	80/20/0	6,571 a							
			700 b							
			-15,100 c							
<b>Total Funds:</b>										<b>49,203</b>

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

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

Source		Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 6281 Agency ID: 106274		Title: Springfield CBD Commuter Parking Garage				Complete:		Total Cost:		\$63,810
Facility: 644 Old Keene Mill Road		AC	100/0/0		16,086 c					16,086
From:										
To:		CMAQ	80/20/0	5,500 a	5,200 a					47,424
				3,110 b	3,110 b					
					39,114 c					
<b>Total Funds:</b>										<b>63,510</b>

Description: Springfield CBD Commuter Parking Garage

TIP ID: 6287 Agency ID: 103581		Title: I-495 HOT Lanes Final Landscaping Phase II				Complete:		Total Cost:		\$2,613
Facility:		NHPP	100/0/0		80 c					80
From:										
To:		NHS	100/0/0	1,009 c						
<b>Total Funds:</b>										<b>80</b>

Description: Landscaping

TIP ID: 6297 Agency ID: 4700		Title: Fairfax County Parkway Extension				Complete:		Total Cost:		\$56,449
Facility: VA 286 Fairfax Co Pkwy		AC	100/0/0	20,400 a	20,400 a					35,466
From: VA Fullertron Rd				14,938 b	15,066 b					
To: VA 638 Rolling Road										
		EB/MG	80/20/0	5,448 b						
		NHPP	80/20/0		8,104 b					8,104
		NHS	80/20/0	8,104 b						
		STP	80/20/0		6,032 b					6,032
		STP/E	80/20/0	714 b						
<b>Total Funds:</b>										<b>49,602</b>

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

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

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total	
TIP ID: 6298 Agency ID: 96721 Title: <b>Route 28 Widening</b>			Complete: 2017						Total Cost:	<b>\$13,778</b>
Facility: VA 28 Nokesville Rd	AC	80/20/0	488 c						488	
From: Godwin Drive	AC 1	100/0/0		3,157 c					3,157	
To: City Southern Corporate Limits	NVTA-BOND	0/100/0	3,294 c						3,294	
	NVTA-PAYGO	100/0/0		2,029 c					2,029	
	REVSH	50/50/0	2,538 c						2,538	
	RSTP	80/20/0	650 a 2,500 b	2,908 c 662 a 2,500 b 3,942 c	128 c	170 c	187 c		10,497	
<b>Total Funds:</b>									<b>22,003</b>	

Description: Widen to six lanes

TIP ID: 6299 Agency ID: 52327 Title: <b>RT 7 - Widen to Six Lanes</b>			Complete:						Total Cost:	<b>\$33,497</b>
Facility: RT 7 Leesburg Pike	AC	100/0/0		1,348 a					26,690	
From: Rolling Holly Dr. (mm. 50.5)				1,280 b						
To: .15 mi. E of Reston Ave.				24,062 c						
	AC Conversion 1	100/0/0	800 a 1,197 b							
<b>Total Funds:</b>									<b>26,690</b>	

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

TIP ID: 6300 Agency ID: 52328 Title: <b>RT 7- Wident to Six Lanes PE Only</b>			Complete:						Total Cost:	<b>\$12,000</b>
Facility: RT 7 Leesburg Pike	AC	100/0/0		2,668 a					2,668	
From: Jarrett Valley Dr. (mm 51.4)	AC Conversion	100/0/0	18,386 a							
To: Reston Ave. (mm. 51.4)	RSTP	80/20/0		57 a					57	
<b>Total Funds:</b>									<b>2,725</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.

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

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
<b>TIP ID: 6301 Agency ID: 99478 Title: Route 7 - Widen to Six Lanes</b>						Complete:	Total Cost:		<b>\$11,000</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)

**Total Funds: 1,200**

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>TIP ID: 6302 Agency ID: 92080 Title: RT 28 Widen to Four Lanes Including RT 215 Re-alignment</b>						Complete:	Total Cost:		<b>\$43,945</b>
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Facility: VA 28 Nokesville Rd. RSTP 80/20/0 43,163 c -1,049 c

From: Linton Hall Rd.

To: Fitzwater Dr.

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.

<b>TIP ID: 6304 Agency ID: 103319 Title: RT 29 Manassas National Battlefield Bypass - PE Only</b>						Complete:	Total Cost:		<b>\$4,000</b>
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Facility: US 29 Lee Highway AC 100/0/0 4,500 a 4,000 a 4,000

From: I 66

To: VA 621

**Total Funds: 4,000**

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

<b>TIP ID: 6305 Agency ID: 13531 Title: Arlington Blvd, RT 50 10th St. and Courthouse Rd. Interchanges</b>						Complete:	Total Cost:		<b>\$10,326</b>
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Facility: AC 100/0/0 750 a

From: EB/MG 80/20/0 -225 b

To: STP 80/20/0 728 a 0 b 728

**Total Funds: 728**

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.

<b>TIP ID: 6306 Agency ID: Title: Rail Construction</b>						Complete:	Total Cost:		<b>\$1,077</b>
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Facility: AC 100/0/0 4 c 60 c 60

From: STP 90/10/0 547 c 600 c 600

To:

**Total Funds: 660**

Description: Grouped Rail Construction Projects

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

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
<b>TIP ID: 6308 Agency ID: 95552 linked t Title: ARRA C Arlington Blvd. RT 50 , 10th and Courthouse Interchanges</b>			Complete:			Total Cost:			<b>\$10,104</b>
Facility: US 50 Arlington Blvd.	AC	100/0/0		3,250 c					3,250
From:									
To:									
Description: Linked to UPC 93526. Project set up to capture non-ARRA funds.									<b>Total Funds: 3,250</b>

<b>TIP ID: 6309 Agency ID: 14693 Title: Route 123/ Route 1 Interchange in PWC</b>			Complete:			Total Cost:			<b>\$97,824</b>
Facility: VA 123 Gordon Blvd.	AC	100/0/0		32,172 b					32,172
From: .50 miles south of existing Rte 123									
To: .40 miles North of existing Rte 123	DEMO	80/20/0		2,462 b					2,462
	RSTP	80/20/0		3,887 b					3,887
	STP	80/20/0		2,987 a					2,987
									<b>Total Funds: 41,508</b>

Description: Construct new interchange To improve the flow of traffic, reduce accidents, and support traffic demand from the planned development in the area. Linked to UPC 100938.

<b>TIP ID: 6310 Agency ID: 94102 Title: US 1/RT 123 Interchange Construction Phase-I (Route 1 Widening ony)</b>			Complete:			Total Cost:			<b>\$56,414</b>
Facility: US 1	AC	100/0/0	51,306 c	25,443 c					25,443
From: 0.50 miles South of existing Rte 123									
To: 0.40 miles North of existing Rte 123	NHPP	100/0/0	4,500 c	3,939 c	3,291 c	8,128 c	1,484 c		16,842
	RSTP	80/20/0	525 c						
	STP	100/0/0	83 c		3,800 c				3,800
									<b>Total Funds: 46,085</b>

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.

<b>TIP ID: 6311 Agency ID: 103929 Title: Dulles Air Cargo, Pass Metro Access HWY (DACPMA) - PE ONLY</b>			Complete:			Total Cost:			<b>\$5,500</b>
Facility: 234 Dulles Air Cargo, Pass Metro Access H	AC	100/0/0		5,116 a					5,116
From: US 50									
To: VA 606									
Description: PE only for DACPMA Highway									<b>Total Funds: 5,116</b>

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Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: <b>6314</b> Agency ID: <b>77404</b> Title: <b>Mulligan Rd Realign Rt. 235 and Widen Rt. 619</b>			Complete:			Total Cost:			<b>\$41,983</b>
Facility: 235 Mt. Vernon Highway / Mulligan Rd. From: MOUNT VERNON HIGHWAY/ROUTE 1 To: VA 611 TELEGRAPH ROAD	AC	100/0/0	31,896 c	5,265 a					40,511
				35,246 c					
	DEMO	80/20/0	437 a						
	NHPP	80/20/0		373 a					373
	RSTP	80/20/0	5,200 a 3,350 c						
<b>Total Funds:</b>									<b>40,884</b>

Description:

TIP ID: <b>6316</b> Agency ID: <b>76256</b> Title: <b>Colchester Road - RTE 612</b>			Complete:			Total Cost:			<b>\$445</b>
Facility: VA 612 Colchester Road From: VA 641 Chapel Road To: VA 641 0.24 Mile N. W. Of VA 641	AC	100/0/0		60 a					60
<b>Total Funds:</b>									<b>60</b>

Description: Reconstruct & Pave Gravel Road

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>			Complete:			Total Cost:			<b>\$75,112</b>
Facility: VA 286 Fairfax Co. Pkwy From: VA Chancelor Road To: VA Fulerton Road	AC	100/0/0	70,263 c	70,262 c					70,262
	NHPP	80/20/0	4,850 c	4,849 c					4,849
<b>Total Funds:</b>									<b>75,111</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.

TIP ID: <b>6320</b> Agency ID: <b>T10671</b> Title: <b>VRE Rippon Platforms</b>			Complete:			Total Cost:			<b>\$10,890</b>
Facility: US 1 From: Farm Creek Drive To: Rippon Blvd.	AC	100/0/0	3,034 c	4,256 c					7,290
	CMAQ	80/20/0	2,100 a	5,755 c	2,100 a	4,534 c			12,389
<b>Total Funds:</b>									<b>19,679</b>

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



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Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: <b>6324</b> Agency ID: <b>88600</b> Title: <b>Water Main Relocaitons and Water System Upgrades</b>			Complete:			Total Cost:			<b>\$9,185</b>
Facility: US 29 Lee Highway	AC	100/0/0		4,849 c					4,849
From: 70' W. of Merrilee Dr.									
To: 97'E. of Hartland Rd.	State	0/100/0	-1,061 c						
<b>Total Funds:</b>									<b>4,849</b>

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

TIP ID: <b>6328</b> Agency ID:			Title: <b>Amenities</b>			Complete:			Total Cost:	<b>\$13,661</b>
Facility:	AC	80/20/0	4,700 c							
From:										
To:	AC Conversion	90/10/0	2,222 c	958 c					958	
	AC Conversion 1	80/20/0			580 c	226 c			806	
	CMAQ	85/15/0	2,374 c							
<b>Total Funds:</b>									<b>1,764</b>	

Description:


TIP ID: <b>6330</b> Agency ID:			Title: <b>Transit Ridesharing</b>			Complete:			Total Cost:	<b>\$23,508</b>
Facility:	AC	100/0/0	20,554 a					47 c	47	
From:										
To:	AC Conversion	85/15/0	4,739 a	4,850 a					4,850	
	AC Conversion 1	80/20/0			5,300 a	6,215 a	5,492 a	6,419 a	23,426	
	CMAQ	80/20/0	5,143 a					35 c	35	
<b>Total Funds:</b>									<b>28,358</b>	

Description:

TIP ID: <b>6331</b> Agency ID:			Title: <b>Transit : Vehicles</b>			Complete:			Total Cost:	<b>\$34,474</b>
Facility:	AC	80/20/0	28,926 c							
From:										
To:	AC Conversion	85/15/0	8,533 c	1,317 c					1,317	
	AC Conversion 1	80/20/0				2,655 c			2,655	
	CMAQ	80/20/0	1,315 c							
	RSTP	80/20/0	210 c		21,719 c				21,719	
<b>Total Funds:</b>									<b>25,691</b>	

Description:

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Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: <b>6332</b> Agency ID: <b>104374</b> Title: <b>Wellington rd. Overpass Phase II</b>			Complete:			Total Cost:			<b>\$60,000</b>
Facility: Wellington Rd.	AC	100/0/0	1,000 a						1,000
From: Dean Drive									
To: Dean Park Dr.									
Description: Improve emergency response times, increase capacity and safety and facilitate pedestrian and bicycle access. See also CLRP# 1951.									
<b>Total Funds:</b>									<b>1,000</b>

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: <b>6333</b> Agency ID:			Title: <b>Transit : Access</b>			Complete:			Total Cost: <b>\$24,205</b>
Facility:	AC	95/5/0	14,255 c	16,780 c					16,780
From:									
To:	AC Conversion	80/20/0		127 a	202 c	4,183 c			4,512
	CMAQ	80/20/0		4,901 c					4,901
	RSTP	80/20/0		220 c					220
<b>Total Funds:</b>									<b>26,413</b>

Description:

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: <b>6335</b> Agency ID: <b>76244</b> Title: <b>VA 659 Reconstruct to 4 Lanes</b>			Complete: <b>2015</b>			Total Cost: <b>\$61,031</b>			
Facility: VA 659 Belmont Ridge Rd.	AC	100/0/0	1,600 a	39,200 c					39,200
From: Va Hay Rd			28,394 c						
To: VA Gloucester Pkwy	Local	0/0/100	2,100 a						
			26,000 c						
	NVTA-BOND	0/100/0	3,660 b	13,805 c					13,805
			13,340 c						
	STP	80/20/0	1,477 a						
			1,771 b						
<b>Total Funds:</b>									<b>53,005</b>

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

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: <b>6336</b> Agency ID: <b>104802</b> Title: <b>TELEGRAPH RD - RTE 611- WIDEN TO 4 LANES (PE Only)</b>			Complete:			Total Cost: <b>\$2,921</b>			
Facility: Telegaph Rd.	State	0/100/0	928 a	1,992 a					2,920
From: Prince William Parkway									
To: Minnieville Rd.									
<b>Total Funds:</b>									<b>2,920</b>
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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			Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
<b>TIP ID: 6337 Agency ID: 52404</b>			<b>Title: RTE 7100 - FAIRFAX COUNTY PRKWY - CONSTR INTRCHNG-PE/RW O</b>			Complete:			Total Cost:			<b>\$11,210</b>
Facility: VA 286 Fairfax County Parkway			AC	100/0/0	2,980 a		2,629 a					2,629
From: Fairlakes												
To:			RSTP	80/20/0	1,586 b		-1,550 b					
											<b>Total Funds:</b>	<b>2,629</b>

Description: To improve traffic and congestion by providing free flow conditions on the fairfax County Pkwy, Fair lakes Vlv and Monument Dr. The project will consist of 3 bridhges, Ramps, Signals, Lights and trails.

<b>TIP ID: 6339 Agency ID: 95549</b>			<b>Title: ARRA-C Route 286 (Formerly 7100 )Fairfax Cty Pkwy at Fair Lakes Inter</b>			Complete:			Total Cost:			<b>\$15,385</b>
Facility: VA 286 Fairfax County Parkway			RSTP	80/20/0	-13,183 c		-1,970 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												

<b>TIP ID: 6347 Agency ID: 54911,</b>			<b>Title: I 66 Preliminary Engineering for EIS</b>			Complete: 2017			Total Cost:			<b>\$8,622</b>
Facility: I 66			AC	100/0/0	37,106 a		573 a					573
From: I 495												
To: VA 15			AC Conversion	100/0/0	2,685 a							
											<b>Total Funds:</b>	<b>573</b>

Description: I-66 Study/Preliminary Engineering for EIS

<b>TIP ID: 6348 Agency ID: 105239</b>			<b>Title: I-66 PPTA Study</b>			Complete:			Total Cost:			<b>\$11,500</b>
Facility: I 66			AC	100/0/0	500 a		6,862 a					6,862
From: I 95												
To: VA 15			NHPP	100/0/0			3,138 a					3,138
			NHS	80/20/0	1,000 a							
											<b>Total Funds:</b>	<b>10,000</b>

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

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Source		Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 6350 Agency ID: 93577		Title: I-66 Widening to Route 15 (1 HOV + 1 SOV ea. direction)				Complete:		Total Cost:		\$64,487
Facility: I 66	AC	100/0/0	44,066 c		12,847 c					12,847
From: 1.2 mi. W. of Route 15 (mp 39.6)	NHPP	100/0/0	70 a		-768 b					
To: .8 mi. E. of Route 15 (mp 44.1)			-70 b							
	NHPP 1	80/20/0			3,110 a					7,511
					4,401 c					
<b>Total Funds:</b>										<b>20,358</b>

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

TIP ID: 6352 Agency ID: 103073		Title: Widening of US 1 to 6 lanes between Telegraph Rd and Rt 235				Complete:		Total Cost:		\$53,900
Facility:	AC	100/0/0			600 a					53,900
From:					52,500 b					
To:					800 c					
<b>Total Funds:</b>										<b>53,900</b>

Description: Widen Route 1 to 6 lanes with raised median

TIP ID: 6353 Agency ID: 16422		Title: REPLACE AND WIDEN BRIDGE AND APPROACHES AT NEABSCO CRE				Complete:		Total Cost:		\$37,798
Facility: US 1	AC	100/0/0	1,116 a		3,771 c					3,771
From: Featherstone Rd			846 b							
To: Neabsco Mills Rd			209 c							
	BR	80/20/0			1,441 a					5,037
					846 b					
					2,750 c					
<b>Total Funds:</b>										<b>8,808</b>

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

TIP ID: 6355 Agency ID: 52405		Title: PROPOSED TRI-COUNTY PARKWAY - 4-LANE - EIS STUDY ONLY				Complete:		Total Cost:		\$6,600
Facility:	AC	100/0/0			1,950 a					1,950
From: 234										
To: 620										
<b>Total Funds:</b>										<b>1,950</b>

Description: Environmental Impact Study for Tri County Parkway

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Source			Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: <b>6359</b> Agency ID: <b>93144</b> Title: <b>Pacific Blvd construction</b>									Complete:	Total Cost:	<b>\$10,882</b>
Facility: VA	AC	100/0/0				2,691 c					2,691
From: VA 775 Relocation Drive											
To: Dresden Street	RSTP	80/20/0				302 c					302
<b>Total Funds:</b>											<b>2,993</b>

Description: The purpose of the project is to complete a missing link of the western collector road corridor for the Route 28 corridor in Loudoun County.

TIP ID: <b>6361</b> Agency ID: <b>106025</b> Title: <b>I-495 Northern Section Shoulder Use Debt Service</b>									Complete:	Total Cost:	<b>\$21,418</b>
Facility: I-495	AC	100/0/0	20,704 c			9,289 c					9,289
From: South of Old Dominion Drive Overpass											
To: George Washington Memorial Highway	AC Conversion	100/0/0	2,829 c		1,428 c						1,428
	NHPP	100/0/0	714 c			2,143 c	1,427 c	1,427 c	1,426 c		6,423
<b>Total Funds:</b>											<b>17,140</b>

Description: Debt service line item for I-495 Northern Section Shoulder Use. Associated with construction project UPC 105130.

TIP ID: <b>6362</b> Agency ID: <b>102891 and F</b> Title: <b>Route 28 Metrorail Station (Innovation Station)</b>									Complete: <b>2018</b>	Total Cost:	<b>\$83,000</b>
Facility: 28 Innovation Station	CMAQ	80/20/0			2,085 c	7,166 c	1,773 c	45 c			11,069
From: Silver Line at Route 28											
To:	NVTA-BOND	0/100/0	48,000 c								
	NVTA-PAYGO	0/100/0	21,000 c								
<b>Total Funds:</b>											<b>11,069</b>

Description: This metrorail station, part of PH II of the Silver Line extension, is vital to support the increase in development that has been approved. It will include pedestrian and bicycle improvements, bus bays and bus stop improvements, and park-and-ride and kiss-and-ride facilities. There is \$69 million in prior years (FY 2014) NVTA funding allocated to this project.

TIP ID: <b>6402</b> Agency ID: <b>VRE0018</b> Title: <b>Phase II - Work related potomac shores station</b>									Complete:	Total Cost:	
Facility: CSX RF&P Rail Corridor	State/Local	0/50/50	90 c		10,000 c	10,800 c	10,000 c				30,800
From: CF 557 Hamilton Interlocking (HA)											
To: CF 1063 Control Point Slaters Lane (CP)											
<b>Total Funds:</b>											<b>30,800</b>

Description: Track, Signal and Switch work and second platforms that support capacity expansion, operational flexibility and service expansion for the VRE Potomac Shores Station

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Source		Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: <b>6404</b> Agency ID:		Title: <b>VRE Stations and Facilities</b>				Complete:		Total Cost:		
Facility:	AC	80/20/0	25,039 c							
From:										
To:	AC Conversion	80/15/0	3,823 c	4,923 c						4,923
	CMAQ	80/20/0	20,912 c							
<b>Total Funds:</b>										<b>4,923</b>

Description: Additions of 2nd platforms, signage, related improvements at various VRE stations

TIP ID: <b>6407</b> Agency ID: <b>100518</b>		Title: <b>Battlefield Parkway Extension</b>				Complete: <b>2015</b>		Total Cost: <b>\$13,500</b>		
Facility:	Rt Battlefield Parkway Extension	AC	100/0/0		11,500 c					11,500
From:	Rt 15 South King Street									
To:	Rt 267 Dulles Greenway	BD	0/100/0	1,000 a 650 b 9,075 c						
		State	0/100/0	274 c						
		State/Local	50/50/0		1,100 a 400 b 500 c					2,000
<b>Total Funds:</b>										<b>13,500</b>

Description: Completion of the last missing segment of the Battlefield Parkway corridor .

TIP ID: <b>6429</b> Agency ID: <b>104300</b>		Title: <b>Rogues Road Reconstruction</b>				Complete: <b>2020</b>		Total Cost: <b>\$9,391</b>		
Facility:	Rogues Road	AC	100/0/0				5,901 c			5,901
From:	Fauquier/Prince William County Line									
To:	RT 605	STP	80/20/0	767 a	1,250 b		1,473 c			2,723
<b>Total Funds:</b>										<b>8,624</b>


Description: Reconstruction without added capacity. Reconstruct and widen travel lanes and shoulders, improve drainage and safety of road and minimize maintenance.

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CAPITAL COSTS (in \$1,000)

		Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total	
TIP ID: <b>6441</b> Agency ID:		Title: <b>Project Grouping: Constuction : Federal Lands Highway</b>					Complete:		Total Cost:		<b>\$10,807</b>	
Facility:	AC	100/0/0						4,428 a			4,428	
From:												
To:	FLAP	100/0/0		765 a								
				848 c								

**Total Funds: 4,428**

Description: Grouping for federally funded transportation improvements on federal lands.  
TIP AMD to add Federal Lands grouping - add \$163,363 (PB - FLAP) FFY15 CN phase (lco 05/27/15)

TIP ID: <b>6443</b> Agency ID: <b>107187</b>		Title: <b>Richmond Highway Multimodal Improvements</b>					Complete: <b>2022</b>		Total Cost: <b>\$214,773</b>		
Facility:	US 1 Richmond Highway	AC	100/0/0				3,500 a				3,500
From:	VA 235 Mount Vernon Memorial Highway										
To:	VA 5255 Napper Road	NVTA-BOND	0/100/0	1,000 a							
		RSTP	80/20/0	9,000 a							

**Total Funds: 3,500**

Description: Project will reconstruct and widen Richmond Highway (US Route 1) from four to six lanes and add bicycle and pedestrian facilities between the Mount Vernon Memorial Highway and Napper Road.

TIP ID: <b>6445</b> Agency ID: <b>52175</b>		Title: <b>Clermont Avenue Connector - PE Only for NEPA Study</b>					Complete: <b>2016</b>		Total Cost: <b>\$250</b>		
Facility:	Clermont Ave.	STP	80/20/0	500 a			-225 a				
From:	I-95 Interchange										
To:	Eisenhower Ave	STP	96/4/0	500 a			-225 a				



Description: Plans to extend Clermont Avenue to an interchange with I-95 as part of the Eisenhower Valley Access and Circulation Improvements project were changed and the Clermont connector road was not built. This TIP amendment will provide funding for The City of Alexandria to move forward with a final study to close out the environmental process.

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Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: 6446 Agency ID: 104303 Title: <b>Route 1 Widening from Featherstone Road to Mary's Way</b>			Complete: 2019			Total Cost: \$96,391			
Facility: US 1 Route 1	AC	100/0/0			27,641 c				27,641
From: Featherstone Road	AC 1	95/5/0		59,793 b					59,793
To: Mary's Way	AC Conversion	87/13/0			10,218 b	9,474 b	4,674 b		24,366
	NHPP	100/0/0	2,500 b	3,473 b					3,473
	NVTA-PAYGO	0/100/0	4,100 a 51,479 b						
	RSTP	80/20/0	300 a	4,100 a 1,086 b					5,186
<b>Total Funds:</b>									<b>120,459</b>

Description: Widen from a 4 lane undivided highway to a 6 lane divided highway

TIP ID: 6447 Agency ID: -16861 Title: <b>Belmont Ridge Road (Route 659), South of the Dulles Greenway</b>			Complete: 2018			Total Cost: \$19,500			
Facility: VA 659 Belmont Ridge Road	Local	0/0/100	1,080 a						16,963
From: VA 625 Truro Parish Road			1,283 b						
To: VA 645 Croson Road			14,600 c						
	NVTA-BOND	0/100/0		19,500 c					19,500
<b>Total Funds:</b>									<b>36,463</b>

Description: Widen from a substandard 2-lane rural section to a 4-lane arterial standard with the appropriate auxiliary turn lanes and signalization

TIP ID: 6449 Agency ID: 106742 Title: <b>Frontier Dr Extension</b>			Complete: 2016			Total Cost: \$90,130			
Facility: Frontier Dr	AC	100/0/0	1,000 a	6,000 a					6,000
From: VA 289 Franconia-Springfield Parkway	NVTA-BOND	0/100/0	2,000 a						
To: VA 789 Loisdale Rd	NVTA-PAYGO	100/0/0		2,000 a					2,000
<b>Total Funds:</b>									<b>8,000</b>

Description: Extend Frontier Drive from Franconia-Springfield Parkway to Loisdale Road.



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Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: <b>6450</b> Agency ID: <b>108720</b> Title: <b>VA Route 28 Widening (Prince William County Line to Route 29)</b>			Complete: <b>2020</b>			Total Cost: <b>\$68,829</b>			
Facility: VA 28 Centreville Road	NHPP	100/0/0	5,859 a	7,660 a					8,229
From: PW County Line				569 b					
To: Old Centreville Road									
	NVTA-PAYGO	50/50/0	5,000 a	5,855 b					5,855
	REVSH	0/50/50	1,800 a						
<b>Total Funds:</b>									<b>14,084</b>

Description: Widen from 4 to 6 lanes including intersection improvements and pedestrian/bicycle facilities.

TIP ID: <b>6457</b> Agency ID: <b>106652</b> Title: <b>Route 28 Widening (SB from the Dulles Toll Road to Route 50)</b>			Complete: <b>2017</b>			Total Cost: <b>\$20,000</b>			
Facility: VA 28 Sully Road	NVTA-BOND	0/100/0	14,785 c	5,215 c					5,215
From: VA 267 Dulles Toll Road									
To: US 50 Lee Jackson Memorial Highway									
<b>Total Funds:</b>									<b>5,215</b>

Description: Widening from 3 to 4 lanes

TIP ID: <b>6485</b> Agency ID:			Title: <b>Project Grouping: Construction: Recreational Trails</b>			Complete:			Total Cost: <b>\$4,833</b>	
Facility:	AC	100/0/0			736 c				736	
From:										
To:	RSTP	80/20/0		2,188 b	2,830 c				5,018	
<b>Total Funds:</b>									<b>5,754</b>	

Description: Project Grouping for construction of recreational trails that do not impact the Air Quality Conformity Analysis.

TIP ID: <b>6512</b> Agency ID: <b>108337</b> Title: <b>I-66 Inside the Beltway Tolling Systems Integration</b>			Complete: <b>2017</b>			Total Cost: <b>\$25,000</b>			
Facility: I-66	AC	100/0/0		5,000 a					25,000
From: I-495				20,000 c					
To: Route 29 Near Roslyn, Arlington County									
<b>Total Funds:</b>									<b>25,000</b>

Description: Design, build, operate, & maintain rush hour tolling systems to manage traffic in I-66 Corridor

TIP ID: <b>6513</b> Agency ID: <b>107371</b> Title: <b>I-66 Inside the Beltway Tolling Infrastructure</b>			Complete: <b>2017</b>			Total Cost: <b>\$43,391</b>			
Facility: I-66	AC	0/100/0	5,000 a	1,000 b					1,000
From: I-495									
To: Route 29 Near Roslyn, Arlington County									
<b>Total Funds:</b>									<b>1,000</b>

Description: Construct tolling gantries, signage, and related on I-66 inside the Beltway

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

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: <b>6519</b> Agency ID: <b>99478</b> Title: <b>#HB2.FY17 RTE 7 CORRIDOR IMPROVEMENTS - PHASE 1</b>			Complete: <b>2022</b>			Total Cost: <b>\$135,872</b>			
Facility: RT 7 Leesburg Pike	AC	100/0/0		16,156 b		106,472 c			122,628
From: Reston Ave									
To: Jarrett Valley Drive	AC 1	0/100/0	2,400 a	27,000 b					133,472
				106,472 c					🚲
	AC Conversion	100/0/0					5,248 b		5,248
	NHPP	100/0/0		670 a					670
	RSTP	80/20/0			2,400 a				13,244
					10,844 b				
<b>Total Funds:</b>									<b>275,262</b>

Description: Rt 7 Corridor Improvements to add one travel lane both EB and WB; upgrade intersections; and construct pedestrian and bicycle facilities EB and WB.

FROM: Reston Avenue TO: Jarrett Valley Drive (0.5000 MI)

TIP ID: <b>6520</b> Agency ID: <b>UPC 107937</b> Title: <b>Fairfax County Parkway widen from 4 to 6 lanes</b>			Complete: <b>2025</b>			Total Cost: <b>\$82,431</b>			
Facility: 286 Fairfax County Parkway	NVTA-PAYGO	80/20/0	10,000 a		10,000 a				10,000
From: 123 Ox Road									
To: 29 2,000 ft. north of Lee Highway									<b>Total Funds: 10,000</b>
Description: Widen Fairfax County Parkway from 4 lanes to 6									🚲

TIP ID: <b>6537</b> Agency ID: <b>105521</b> Title: <b>Widen East Spring Street</b>			Complete: <b>2019</b>			Total Cost: <b>\$6,705</b>			
Facility: Spring Street	AC	100/0/0	705 a	2,000 b	705 a				2,705
From: Herndon Parkway									
To: Fairfax County Parkway	AC 2	94/6/0		2,000 b					2,000
	AC Conversion	80/20/0				90 b	415 b		505
<b>Total Funds:</b>									<b>5,210</b>

Description: Widen Spring Street from 4 lanes to 6 lanes, FXCO PKWY ramp improvements, intersection improvements, sidewalk

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

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: <b>6539</b> Agency ID: <b>106917</b> Title: <b>#HB2.FY17 RTE 7 CORRIDOR IMPROVEMENTS - PHASE 2</b>			Complete: <b>2024</b>				Total Cost: <b>\$98,000</b>		
Facility: VA 7 Leesburg Pike	AC	100/0/0	296 a				17,634 b		52,930
From: Reston Avenue			35,000 b						
To: 500 ft. E of Colvin Forest Drive									
AC 1	0/100/0		957 a						957
AC 2	85/15/0		62,000 c						62,000
NHPP	100/0/0		704 a						704
RSTP	80/20/0		43 a	1,000 a			17,366 b		18,409
<b>Total Funds:</b>									<b>135,000</b>

Description: Phase 2 for Rt 7 Corridor Improvements to add one travel lane both EB and WB; upgrade intersections; and construct pedestrian and bicycle facilities EB and WB

Reconstruction w/ Added Capacity - FROM: Reston Avenue TO: 500 ft. E of Colvin Forest Drive (3.2500 MI)

TIP AMD - add \$34,658 (RSTP) & \$956,677 (AC-Other GARVEE) FFY17 PE phase. (lco 9/27/16)

child project of UPC 99478

FROM: Reston Avenue TO: 500 ft. E of Colvin Forest Drive (3.2500 MI)

TIP ID: <b>6540</b> Agency ID: <b>108826</b> Title: <b>Transform 66 Outside of Beltway</b>			Complete: <b>2021</b>				Total Cost: <b>\$600,000</b>		
Facility: I 66	AC	0/100/0	300,000 c						300,000
From: US 15 Haymarket									
To: I 495 Beltway									
<b>Total Funds:</b>									<b>300,000</b>

Description: The Transform 66 Outside the Beltway Project is a multimodal project which will provide 2 Express Lanes & 3 general purpose lanes in each direction, with a median width designed to accommodate future high quality transit.

TIP ID: <b>6541</b> Agency ID: <b>107947</b> Title: <b>NEABSCO MILLS ROAD - Widen to 4 lanes</b>			Complete: <b>2018</b>				Total Cost: <b>\$26,300</b>		
Facility: Neabsco Mills Road	AC	80/20/0	453 b						453
From: Smoke Court	REVSH	50/50/0	2,000 b						2,000
To: US 1 Jefferson Davis Highway	RSTP	80/20/0	1,700 a	1,700 a					8,057
			1,848 b	2,809 b					
State/Local	0/50/50			1,491 b					1,491
<b>Total Funds:</b>									<b>12,001</b>

Description: Widen Neabsco Mills Road to 4 lanes between Smoke Ct (S. of Dale Blvd) and Route 1.

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

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: <b>6542</b> Agency ID:			Title: <b>Embark Richmond Highway Comprehensive Plan Amendment</b>			Complete:	Total Cost:		<b>\$800</b>
Facility: US 1 Richmond Highway	Sect. 5309	50/25/25	800 d						800
From:									
To:									
Description:									
									<b>Total Funds: 800</b>

TIP ID: <b>6543</b> Agency ID: <b>110376</b>			Title: <b>I-66 / Route 15 INTERCHANGE RECONSTRUCTION GARVEE DEBT SE</b>			Complete:	Total Cost:		<b>\$17,543</b>
Facility: I 66	AC	100/0/0	16,322 a	1,963 a					18,285
From: Rte. I-66/Rte 15 Interchange									
To:	NHPP	100/0/0	1,221 a						1,221
									<b>Total Funds: 19,506</b>
Description:									

TIP ID: <b>6544</b> Agency ID: <b>108424</b>			Title: <b>I-66 Inside of the Beltway Initiatives</b>			Complete:	Total Cost:		<b>\$125,000</b>
Facility: I 66	AC	100/0/0	12,000 a	-5,031 a	9,000 b	108,000 c			117,000
From: I 495									
To: US 29 Near Rosslyn, Arlington	AC Conversion	100/0/0	1,031 a	8,000 a					9,031
									<b>Total Funds: 126,031</b>
Description: From: Exit 67 DULLES AIRPORT ACCESS ROAD TO: 71 N. GEORGE MASON DRIVE (4.0000MI)									

TIP ID: <b>6545</b> Agency ID: <b>110392</b>			Title: <b>I-66 Inside of the Beltway Initiatives GARVEE DEBT SERVICES</b>			Complete:	Total Cost:		<b>\$30,418</b>
Facility: I 66	AC	100/0/0	29,343 a						29,343
From: I 495									
To: U 29 Near Rosslyn, Arlington	AC Conversion	100/0/0		2,722 a					2,722
	NHPP	100/0/0	1,075 a						1,075
									<b>Total Funds: 33,140</b>
Description:									

TIP ID: <b>6546</b> Agency ID: <b>110377</b>			Title: <b>#HB2.FY17 RTE 7 CORRIDOR IMPROVEMENTS - PH 1 GARVEE DEBT</b>			Complete: <b>2022</b>	Total Cost:		<b>\$250,009</b>
Facility: VA 7	AC	100/0/0	24,311 a						24,311
From: Reston Avenue									
To: Jarrett Valley Drive	AC Conversion	100/0/0		1,017 a					1,017
	NHPP	100/0/0	698 a						698
									<b>Total Funds: 26,026</b>
Description:									

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

Source		Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
<b>TIP ID: 6547 Agency ID: 110378</b>		<b>Title: HB2.FY17 RTE 7 CORRIDOR IMPROVEMENTS - PHASE 2 GARVEE DE</b>				<b>Complete: 2022</b>		<b>Total Cost:</b>		<b>\$14,931</b>
Facility: VA 7	AC	100/0/0		14,197 a						14,197
From: Reston Avenue	AC Conversion	100/0/0			1,137 a					1,137
To: Jarrett Valley Drive	NHPP	100/0/0		734 a						734
<b>Total Funds:</b>										<b>16,068</b>

Description:

<b>TIP ID: 6548 Agency ID: 110375</b>		<b>Title: #HB2.FY17 Const Inter AT RTE 15/17/29 BUS GARVEE DEBT SERVICES</b>				<b>Complete:</b>		<b>Total Cost:</b>		<b>\$9,037</b>
Facility: US 15 INTERCHANGE	AC	100/0/0		8,609 a						8,609
From: US 29	AC Conversion	100/0/0		428 a	1,022 a					1,450
To: VA 17										
<b>Total Funds:</b>										<b>10,059</b>

Description:

<b>TIP ID: 6549 Agency ID: 110496</b>		<b>Title: TRANSFORM I-66 OVERSIGHT PROJECT</b>				<b>Complete:</b>		<b>Total Cost:</b>		<b>\$100,000</b>
Facility: I 66	AC	100/0/0		15,000 a						15,000
From: I 495 Beltway										
To: US 15										
<b>Total Funds:</b>										<b>15,000</b>

Description: TIP AMD - add \$15,000,000 (AC-Other Concession Funds) FFY17 PE Phase (SB 1/18/17)

<b>TIP ID: 6550 Agency ID: 102903</b>		<b>Title: Widen Liberia Avenue - PE Only</b>				<b>Complete:</b>		<b>Total Cost:</b>		<b>\$1,554</b>
Facility: Liberia Avenue	RSTP	80/20/0		911 a	643 a					1,554
From: VA 28										
To: Quarry Road										
<b>Total Funds:</b>										<b>1,554</b>

Description: Reconstruction w/ Added Capacity

<b>TIP ID: 6551 Agency ID: 16003</b>		<b>Title: RTE 66 - CONSTRUCT COMMUTER LOT</b>				<b>Complete:</b>		<b>Total Cost:</b>		<b>\$7,734</b>
Facility: I 66 @ Stringfellow Road	AC	100/0/0		77 a						1,403
From:				333 b						
To:				993 c						
<b>Total Funds:</b>										<b>1,403</b>

Description:

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

			Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
<b>TIP ID: 6552 Agency ID: 90159</b>			<b>Title: I-95 Interchange Improvements Phase VIII Support</b>			Complete:			Total Cost:			<b>\$4,000</b>
Facility: I 495 Beltway			AC	80/20/0		2,600	c					2,600
From:												
To:			NHPP	80/20/0		-100	a					
											<b>Total Funds:</b>	<b>2,600</b>

Description: HOV Roadways Between Routes i-95/I-395/I-495 (1.3000 MI)

<b>TIP ID: 6553 Agency ID: 105584</b>			<b>Title: ROUTE 7/GEORGE WASHINGTON BLVD OVERPASS</b>			Complete:			Total Cost:			<b>\$28,000</b>		
Facility: VA 7 Harry Bird Highway			AC	100/0/0				3,661	c			3,661		
From: Overpass @ G.W. Blvd														
To:			RSTP	80/20/0		3,500	b	2,723	c	8,223	c	8,526	c	22,972
											<b>Total Funds:</b>	<b>26,633</b>		

Description: FROM: 0. 25 MI. S. OF RESEARCH PLACE TO: CENTER LINE OF RESEARCH PLACE (0.2500 MI)

<b>TIP ID: 6554 Agency ID: 68627</b>			<b>Title: RTE 28 - BRIDGE REPLACEMENT OVER BROAD RUN</b>			Complete:			Total Cost:			<b>\$12,761</b>
Facility: VA 28			DEMO	100/0/0				-1	b			
From: 0.280 MILE WEST BROAD RUN												
To: 0.302 MILE EAST BROAD RUN			RSTP	80/20/0				-1	c			

Description: FROM: 0.280 MILE WEST BROAD RUN TO: 0.302 MILE EAST BROAD RUN (0.5820 MI)

<b>TIP ID: 6555 Agency ID: 16622</b>			<b>Title: RTE 123 - WIDENING FROM 2 LANES TO 4 LANES ON 6 LANE R/W</b>			Complete:			Total Cost:			<b>\$21,850</b>
Facility: VA 123			NHPP	80/20/0		101	c					101
From: Lee Chaple Road												
To: Burke Lake Road			RSTP	80/20/0		0	a					437
						136	b					
						301	c					
			STP	80/20/0		27	c					27
											<b>Total Funds:</b>	<b>565</b>

Description: FROM: 0.287 KILOMETER SOUTH LEE CHAPEL ROAD TO: 0.006 KILOMETER SOUTH BURKE LAKE ROAD (3.8520 KM)

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

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
<b>TIP ID: 6557 Agency ID: 12906 Title: RTE 1 - WIDENING</b>			Complete:			Total Cost:			<b>\$23,834</b>
Facility: US 1 Jefferson Davis Highway	AC	100/0/0		1,938 a					4,691
From: VA 642 Lorton Road				2,753 c					
To: VA 611 Telegraph Road									
	STP	80/20/0		252 b					696
				444 c					
<b>Total Funds:</b>									<b>5,387</b>

Description: FROM: 0.448 KILOMETER SOUTH LORTON ROAD TO: 0.223 KILOMETER NORTH TELEGRAPH ROAD (1.9120 KM)

<b>TIP ID: 6558 Agency ID: 15292 Title: FAIRFAX COUNTY PARKWAY - ROUTE 7 INTERCHANGE</b>			Complete:			Total Cost:			<b>\$20,354</b>
Facility: VA 286 Fairfax County Parkway	NHPP	80/20/0		1,622 b					3,814
From: VA 7				2,192 c					
To:									
	STP	80/20/0		-896 b					
<b>Total Funds:</b>									<b>3,814</b>

Description: FROM: 0.436 MILE SOUTH OF ROUTE 7 TO: 0.279 MILE NORTH OF ROUTE 7 (0.7150 MI)

<b>TIP ID: 6559 Agency ID: 104816 Title: RTE 840 UNIVERSITY BOULEVARD WIDENING AND EXTENSION -PE O</b>			Complete:			Total Cost:			<b>\$32,985</b>
Facility: University Boulevard	RSTP	80/20/0				1,700 a			1,700
From: VA 1566 Suddly Manor Drive									
To: VA 621 Devlin Road									
<b>Total Funds:</b>									<b>1,700</b>

Description: FROM: Route 621 (Devlin Road) TO: Route 1566 (Sudley Manor Drive) (1.2900 MI)

<b>TIP ID: 6560 Agency ID: 104056 Title: Possum Point Road Drainage Improvements</b>			Complete:			Total Cost:			<b>\$2,401</b>
Facility: Possum Point Road	State/Local	0/50/50		357 a					2,402
From:				2,045 c					
To:									
<b>Total Funds:</b>									<b>2,402</b>

Description: FROM: U.S. 1 TO: Eastern Corporate Limits (1.6000 MI)

<b>TIP ID: 6561 Agency ID: 18992 Title: BATTLEFIELD PARKWAY - 4 LANES ON 6 LANE R/W</b>			Complete:			Total Cost:			<b>\$32,956</b>
Facility: Battlefield Parkway	AC	100/0/0		1,824 a					8,757
From: VA 7 East Market Street				6,933 c					
To: Kincaid Boulevard									
	NHPP	80/20/0		57 a					57
	RSTP	80/20/0		-3 b					
<b>Total Funds:</b>									<b>8,814</b>

Description: FROM: KINCAID BOULEVARD TO: ROUTE 7 (0.6500 MI)

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

Source		Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: <b>6562</b> Agency ID: <b>110527</b>		Title: <b>Fred Ex - 1-95 Express Lanes Extension Exit 160 to Exit 133</b>				Complete: <b>2019</b>		Total Cost: <b>\$12,000</b>		
Facility: I 95	AC	0/100/0		12,000 d						12,000
From: Exist 160										
To: Exit 133										<b>Total Funds: 12,000</b>
Description: P..E. to extend I-95 Express Lanes south to Exit 133 in the FAMPO planning area. Study ramp, lane and access point improvements needed for Express Lanes between Route 123 and Garrisonville exit in NC RTPB planning area..										
TIP ID: <b>6565</b> Agency ID: <b>69113</b>		Title: <b>RTE 66 - ADDITIONAL LANE &amp; HOV LANES</b>				Complete:		Total Cost: <b>\$42,516</b>		
Facility: I 66	AC	100/0/0			102 c					102
From: VA 234 Bypass										
To: VA 234 Business										<b>Total Funds: 102</b>
Description: FROM: 0.887 KILOMETER WEST SB ROUTE 234 BYPASS TO: 0.646 KILOMETER EAST NB ROUTE 234 BUSINESS (SUDLEY ROAD) (6.1100 KM)										
TIP ID: <b>6566</b> Agency ID: <b>70043</b>		Title: <b>I66 WIDEN TO 8-LANES FROM RT 234 BYPASS TO RT 29/GAINESVILLE</b>				Complete:		Total Cost: <b>\$92,092</b>		
Facility: I 66	AC	100/0/0			1,461 c					1,461
From: US 29 1.55 Km W. SB US 29										
To: US 29 3.716 Km E. SB US 29										<b>Total Funds: 1,461</b>
Description: FROM: 1.554 KILOMETERS WEST SB ROUTE 29 BASELINE TO: 3.716 KILOMETERS EAST SB ROUTE 29 BASELINE (5.2700 KM)										
TIP ID: <b>6567</b> Agency ID: <b>77616</b>		Title: <b>I-95 - PE STUDIES (HOT LANES)</b>				Complete:		Total Cost: <b>\$25,406</b>		
Facility: I 95	AC	100/0/0			218 a					218
From: VA 17										
To: 14th Street Bridge										<b>Total Funds: 218</b>
Description: FROM: ROUTE 17 SOUTH TO: 14TH STREET BRIDGE										
TIP ID: <b>6568</b> Agency ID: <b>105500</b>		Title: <b>I-66 Tier II</b>				Complete:		Total Cost: <b>\$51,539</b>		
Facility: I 66	AC	100/0/0			8,195 a					8,195
From: I 495										
To: US 15	NHPP	88/12/0			20,529 a					20,529
<b>Total Funds: 28,724</b>										
Description: FROM: I-495 Beltway TO: Rte 15										
TIP ID: <b>6569</b> Agency ID: <b>14719</b>		Title: <b>FAIRFAX COUNTY PARKWAY - CONSTRUCT 4 LANES</b>				Complete:		Total Cost: <b>\$23,874</b>		
Facility: VA 286 Fairfax County Parkway	State/Local	0/50/50			2,250 b					2,250
From: VA 611 0.23 Miles W. of Telegraph Road										
To: Newington Road										<b>Total Funds: 2,250</b>
Description: FROM: NEWINGTON ROAD TO: 0.23 MILE WEST OF TELEGRAPH ROAD										



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

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
TIP ID: <b>6573</b> Agency ID: <b>77378</b> Title: <b>EISENHOWER AVENUE WIDENING AND REMOVE TRAFFIC CIRCLE</b>			Complete:		Total Cost:		<b>\$8,136</b>		
Facility: Eisenhower Avenue	AC	100/0/0		3,730	c				3,730
From: Mill Road									
To: Holland Lane	STP	80/20/0		-194	a				1,355
				1,099	b				
				256	c				
<b>Total Funds:</b>									<b>5,085</b>

Description: FROM: WEST SIDE OF INTERSECTION WITH MILL ROAD TO: EAST SIDE OF INTERSECTION WITH HOLLAND LANE (0.4000 MI)

TIP ID: <b>6574</b> Agency ID: <b>51135</b> Title: <b>RTE 123 - WIDEN FROM 2 TO 4 LANES ON 6-LANE R/W</b>			Complete:		Total Cost:		<b>\$25,479</b>		
Facility: VA 123	NVTA-BOND	100/0/0		5,734	c				5,734
From: 0.330 KILOMETER NORTH DAVIS DRIVE									
To: 0.287 KILOMETER SOUTH LEE CHAPEL R	RSTP	80/20/0		257	a				383
				126	b				
	STP	80/20/0		122	b				122
<b>Total Funds:</b>									<b>6,239</b>

Description:

TIP ID: <b>6575</b> Agency ID: <b>104554</b> Title: <b>VINT HILL RD WIDENING TO 4 LANES (VDOT Oversight)</b>			Complete:		Total Cost:		<b>\$305</b>		
Facility: VA 215 Vint Hill Road	State/Local	0/100/0		84	a				305
From: VA 1566 Sudley Manor Drive				221	c				
To: Schaeffer Ln									
<b>Total Funds:</b>									<b>305</b>

Description:

TIP ID: <b>6577</b> Agency ID: <b>78826</b> Title: <b>Westbound Accel/Decel Lane from Geo Mason Dr to Sycamore St</b>			Complete:		Total Cost:		<b>\$15,424</b>		
Facility: 66	AC	80/20/0		3	a				212
From: Sycamore Street				209	c				
To: George Mason Drive									
<b>Total Funds:</b>									<b>212</b>

Description: Westbound Accel/Decel Lane from Geo Mason Dr to Sycamore St.



**Table 3A  
VIRGINIA  
FY 2017-2022 TRANSPORTATION IMPROVEMENT PROGRAM  
Financial Summary by Funding Source (in \$ Millions)**

Source	2017		2018		2019-2020		2021-2022		2017-2022
	Federal	Total	Federal	Total	Federal	Total	Federal	Total	Total
<b>Title I - FHWA</b>									
Bridge Replacement and Rehabilitation Program	2.50	2.90	4.10	5.13					8.03
Congestion Mitigation and Air Quality Improvement Program	16.00	19.88	61.21	76.52	14.58	18.23		7.49	122.11
Demonstration			3.13	3.91	1.02	1.27			5.18
Equity Balance/Minimum Guarantee	1.08	1.34							1.34
Interstate Maintenance	3.37	3.58							3.58
National Highway Freight Program			0.07	0.09					0.09
National Highway Performance Program	5.15	5.15	82.49	90.45	19.44	20.73		2.91	119.24
Regional Surface Transportation Program	17.69	22.14	64.56	80.70	22.73	28.41		33.88	165.13
Surface Transportation Program	52.77	66.11	59.11	70.88	72.39	83.55		28.75	249.29
Enhancements (STP)	2.94	2.95							2.95
Highway Safety Improvement Program (STP)	10.24	10.47	1.14	1.27	1.85	2.06		0.09	13.90
Transportation Alternatives Program			3.89	4.87	0.32	0.40			5.27
<i>Title I - FHWA Total:</i>	<i>111.73</i>	<i>134.51</i>	<i>279.72</i>	<i>333.82</i>	<i>132.33</i>	<i>154.64</i>		<i>73.12</i>	<i>696.09</i>
<b>Title III - FTA</b>									
Section 5307 - Urbanized Area Formula Pogram	8.13	11.31	6.95	9.73	8.28	10.35		1.77	33.16
Section 5309 - Capital Program	0.40	0.80							0.80
5339 - Alternatives Analysis Funding	8.40	10.50	0.14	0.18	0.33	0.41		0.23	11.32
State of Good Repair Grant Funds	22.74	32.66	4.90	6.12	10.16	12.70		1.65	53.13
<i>Title III - FTA Total:</i>	<i>39.67</i>	<i>55.27</i>	<i>11.99</i>	<i>16.03</i>	<i>18.76</i>	<i>23.45</i>		<i>3.65</i>	<i>98.40</i>
<b>State/Local Funds</b>									
Local Funds		41.66		13.18					54.84
Northern Virginia Transportation Authority		41.81	29.52	41.42				13.53	96.77
State Funds		1.03		1.99					3.02
State/Local Funds		10.45	15.00	84.94		10.75			106.14
<i>State/Local Total:</i>		<i>94.96</i>		<i>141.53</i>		<i>10.75</i>		<i>13.53</i>	<i>260.77</i>
<b>Other Funds</b>									
Advanced Construction	228.25	693.36	908.87	920.35	319.86	326.99		38.59	1,979.30
Advanced Construction Conversion	30.57	34.72	26.87	28.25	38.73	46.69		19.29	128.96
Revenue Sharing	2.27	6.00							6.00
<i>Other Total:</i>	<i>261.09</i>	<i>734.08</i>	<i>935.74</i>	<i>948.60</i>	<i>358.59</i>	<i>373.69</i>		<i>57.89</i>	<i>2,114.26</i>
<i>Virginia Total:</i>	<i>412.49</i>	<i>1,018.82</i>	<i>1,227.45</i>	<i>1,439.98</i>	<i>509.68</i>	<i>562.53</i>	<i>0.00</i>	<i>148.19</i>	<i>3,169.52</i>

**Table 3B  
VIRGINIA  
FY 2017-2022 TRANSPORTATION IMPROVEMENT PROGRAM  
Financial Summary (in Millions of Dollars)**

Project Type	2017		2018		2019-2020		2021-2022		2017-2022	
	Federal	Total	Federal	Total	Federal	Total	Federal	Total	Federal	Total
Interstate	74.40	394.40	263.13	272.02	119.85	119.85	1.43	1.43	458.81	787.70
Primary	134.29	288.73	420.88	438.49	166.70	169.32	42.47	46.59	764.35	943.13
Secondary	10.28	64.79	248.03	305.37	21.86	24.94	20.32	29.87	300.48	424.97
Urban	4.62	5.37	36.07	48.15	0.62	0.77	0.35	0.44	41.65	54.73
Federal Lands			1.90	1.90		4.43			1.90	6.33
Bridge	12.74	14.37	28.60	29.07	10.33	11.31	3.58	3.60	55.25	58.36
<b>Surface Transportation:</b>	<b>236.32</b>	<b>767.65</b>	<b>998.61</b>	<b>1,095.01</b>	<b>319.37</b>	<b>330.62</b>	<b>68.15</b>	<b>81.93</b>	<b>1,622.44</b>	<b>2,275.21</b>
<b>Transit:</b>	<b>67.88</b>	<b>130.05</b>	<b>137.74</b>	<b>194.50</b>	<b>44.49</b>	<b>72.43</b>	<b>8.13</b>	<b>10.15</b>	<b>258.24</b>	<b>407.13</b>
<b>Bike/Ped:</b>	<b>0.00</b>	<b>0.00</b>	<b>6.54</b>	<b>7.42</b>	<b>0.00</b>	<b>3.57</b>	<b>0.00</b>	<b>0.00</b>	<b>6.54</b>	<b>10.99</b>
CMAQ	0.00	0.00	51.23	54.82					51.23	54.82
Enhancement	5.78	7.43	9.01	10.54	30.39	35.24	3.39	4.05	48.58	57.26
ITS	4.05	4.05	4.28	4.28	8.23	8.23	4.62	4.62	21.18	21.18
Maintenance	17.27	17.27	19.13	19.13	36.81	36.81	20.65	20.65	93.86	93.86
Other	81.19	92.37	45.42	54.28	62.96	75.63	21.96	26.79	211.53	249.08
<b>Enhancements, ITS, Maintenance and Other:</b>	<b>108.28</b>	<b>121.12</b>	<b>129.08</b>	<b>143.06</b>	<b>138.39</b>	<b>155.91</b>	<b>50.62</b>	<b>56.11</b>	<b>426.37</b>	<b>476.19</b>
<b>Total Funds:</b>	<b>412.41</b>	<b>1,018.81</b>	<b>1,271.91</b>	<b>1,439.91</b>	<b>502.21</b>	<b>562.51</b>	<b>126.91</b>	<b>148.11</b>	<b>2,313.61</b>	<b>3,169.51</b>