

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
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**Interstate**

**Boundary Chanel Drive Modifications**

TIP ID: 5965	Agency ID: 104323	Title: <b>Boundary Chanel Drive Modifications</b>				Complete: 2020	Total Cost: <b>\$9,335</b>
Facility:	AC	0/100/0	5,537	c			5,537
From:							
To:	REVSH	0/50/50	1,458	c			1,458
<b>Total Funds:</b>							<b>6,995</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.

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

TIP ID: 6361	Agency ID: 106025	Title: <b>I-495 Northern Section Shoulder Use Debt Service</b>				Complete:	Total Cost:				
Facility: I-495	AC Conversion	100/0/0	1,428	c	1,428	c	1,428	c	1,428	c	5,712
From: South of Old Dominion Drive Overpass											
To: George Washington Memorial Highway											
<b>Total Funds:</b>											<b>5,712</b>

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

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

TIP ID: 6513	Agency ID: 108336	Title: <b>I-66 Inside the Beltway Tolling Infrastructure</b>				Complete: 2017	Total Cost: <b>\$30,000</b>
Facility: I-66	AC	0/100/0	1,000	b	24,000	c	25,000
From: I-495							
To: Route 29 Near Roslyn, Arlington County							
<b>Total Funds:</b>							<b>25,000</b>

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

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

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

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

TIP ID: 6347	Agency ID: 54911, 105239	Title: <b>I 66 Preliminary Engineering for EIS</b>				Complete: 2017	Total Cost: <b>\$55,656</b>
Facility: I 66	AC	100/0/0	1,000	a			1,000
From: I 495							
To: VA 15	AC Conversion	100/0/0	500	a			500
<b>Total Funds:</b>							<b>1,500</b>

Description: I-66 Study/Preliminary Engineering for EIS

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

**Primary**

**Route 1 Improvements**

TIP ID: 6446 Agency ID: 104303 Title: Route 1 Widening from Featherstone Road to Mary's Way			Complete: 2019				Total Cost:		\$96,391
Facility: US 1 Route 1	AC Conversion	80/20/0		5,185 b					5,185
From: Featherstone Road									
To: Mary's Way									
Description: Widen from a 4 lane undivided highway to a 6 lane divided highway									<b>Total Funds: 5,185</b>

**Route 7 (Leesburg Pike) Widening (VA 267 to Reston Ave.)**

TIP ID: 6519 Agency ID: 99478 Title: RTE 7 CORRIDOR IMPROVEMENTS HB 2 FY17			Complete: 2022				Total Cost:		\$135,872
Facility: RT 7 Leesburg Pike	AC	0/100/0	17,668 b						17,668
From: Reston Ave									
To: Jarrett Valley Drive	RSTP	20/80/0	9,331 b						9,331
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.									<b>Total Funds: 26,999</b>

**Rte. 28 Widening**

TIP ID: 6298 Agency ID: 96721 Title: Route 28 Widening			Complete: 2017				Total Cost:		\$13,778
Facility: VA 28 Nokesville Rd	AC	80/20/0	488 c	488 c					976
From: Godwin Drive									
To: City Southern Corporate Limits	NVTA-BOND	0/100/0	3,294 c						3,294
	REVSH	50/50/0	2,538 c						2,538
	RSTP	80/20/0	2,908 c						2,908
Description: Widen to six lanes									<b>Total Funds: 9,716</b>

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<b>US 1, Widen, Reconstruct Interchange, Study</b>									
TIP ID: 6296	Agency ID: 104303	Title: WIDEN ROUTE 1 TO SIX LANES - PE & RW ONLY				Complete:	Total Cost:		\$25,900
Facility: US 1	AC	80/20/0	891 a		891				
From: Feathersotne Rd.	RSTP	80/20/0	5,409 a		5,409				
To: Mary's Way									<b>Total Funds: 6,300</b>

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

<b>VA 28 Centreville Road</b>									
TIP ID: 6450	Agency ID: 108720	Title: VA Route 28 Widening (Prince William County Line to Route 29)				Complete: 2020	Total Cost:		\$68,829
Facility: VA 28 Centreville Road	AC	100/0/0	2,072 b		2,072				
From: PW County Line	REVSH	0/50/50	4,351 b		4,351				
To: Old Centreville Road									<b>Total Funds: 6,423</b>

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

<b>VA 28 PPTA, Upgrade, Construct</b>									
TIP ID: 6457	Agency ID: 106652	Title: Route 28 Widening (SB from the Dulles Toll Road to Route 50)				Complete: 2017	Total Cost:		\$20,000
Facility: VA 28 Sully Road	NVTA-BOND	0/100/0	5,215 c		5,215				
From: VA 267 Dulles Toll Road									<b>Total Funds: 5,215</b>
To: US 50 Lee Jackson Memorial Highway									
Description: Widening from 3 to 4 lanes									

<b>VA 7</b>									
TIP ID: 6301	Agency ID: 99478	Title: Route 7 - Widen to Six Lanes				Complete:	Total Cost:		\$11,000
Facility: RT 7 Leesburg Pike	RSTP	80/20/0	1,200 b		1,200				
From: Reston Ave. (mm 51.5)									<b>Total Funds: 1,200</b>
To: Reston Parkway (mm 52)									

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.

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**Secondary**

**Jones Branch Dr. Connector**

TIP ID: 6080	Agency ID: 103907	Title: Jones Branch Drive Connector	Complete:	Total Cost:	\$56,000
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Facility: Scotts Crossing Rd	AC Conversion	80/20/0	7,594	c	7,594
From: Dolly Madison Blvd					
To: Jones Branch Dr					
<b>Total Funds:</b>					<b>7,594</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.

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

TIP ID: 6447	Agency ID: -16861	Title: Belmont Ridge Road (Route 659), South of the Dulles Greenway	Complete: 2018	Total Cost:	\$19,500
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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

**Rogues Road Reconstruction**

TIP ID: 6429	Agency ID: 104300	Title: Rogues Road Reconstruction	Complete: 2020	Total Cost:	\$9,391
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Facility: Rogues Road	STP	80/20/0	1,250	b	1,250
From: Fauquier/Prince William County Line					
To: RT 605					
<b>Total Funds:</b>					<b>1,250</b>

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

**Rolling Road Widening**

TIP ID: 6248	Agency ID: 102905	Title: Rolling Road Widening	Complete:	Total Cost:	\$25,500
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Facility: VA 638 Rolling Road	RSTP	80/20/0	3,500	a	3,500
From: VA 5297 Delong Dr.					
To: VA 4502 Fullerton Rd.					
<b>Total Funds:</b>					<b>3,500</b>

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

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<b>Rte 659 - Belmont Ridge Road Reconstruction to four lanes</b>										
TIP ID: 6335	Agency ID: 76244	Title: VA 659 Reconstruct to 4 Lanes					Complete: 2015	Total Cost:	\$61,031	
Facility: VA 659 Belmont Ridge Rd.	NVTA-BOND	0/100/0	13,805	c					13,805	
From: Va Hay Rd									<b>Total Funds:</b>	<b>13,805</b>
To: VA Gloucester Pkwy										
Description: Reconstruct VA 659 (Belomnt Ridge Rd) to 4 lanes Urban Collector										

<b>Telegraph Road</b>										
TIP ID: 6336	Agency ID: 104802	Title: TELEGRAPH RD - RTE 611- WIDEN TO 4 LANES (PE Only)					Complete:	Total Cost:	\$2,921	
Facility: Telegraph Rd.	State	0/100/0	928	a	1,992	a			2,920	
From: Prince William Parkway									<b>Total Funds:</b>	<b>2,920</b>
To: Minnieville Rd.										
Description: WIDEN TELEGRAPH RD TO 4 LANE DIVIDED SECTION WITH BIKE/PED FACILITIES. Associated with CLRP project numbers 1931 and 1837.										

<b>VA 638 Rolling Road Widening</b>										
TIP ID: 6247	Agency ID: 5559	Title: Rolling Road					Complete: 2019	Total Cost:	\$35,199	
Facility: VA 638 Rolling Road	AC	100/0/0			1,580	c			1,580	
From: VA 286 Fairfax Co. Pkwy (0.369 mi N. of Pkw	REVSH	0/100/0			4,204	c			4,204	
To: VA 644 Old Keene Mill Road	RSTP	80/20/0			3,500	c			3,500	
								<b>Total Funds:</b>	<b>9,284</b>	
Description: Widening to 4 lanes - PE Only										

<b>Urban</b>										
<b>Evergreen Mill Road Widening</b>										
TIP ID: 6256	Agency ID: 104380	Title: Evergreen Mill Road Widening					Complete:	Total Cost:	\$11,300	
Facility: VA 621 Evergreen Mill Road	State/Local	0/98/2	351	a	649	a			1,000	
From: US S. King Street									<b>Total Funds:</b>	<b>1,000</b>
To: City Corp. Limits										
Description: Widening Evergreen Mill Road to 4 Lanes										

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<b>Spring Street</b>									
TIP ID: 6537 Agency ID: 105521		Title: <b>Widen East Spring Street</b>				Complete: 2019		Total Cost: \$6,705	
Facility: Spring Street	AC	100/0/0	2,000 b						2,000
From: Herndon Parkway	AC 1	96/4/0			4,000 c				4,000
To: Fairfax County Parkway									
<b>Total Funds:</b>									<b>6,705</b>

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

<b>Sycolin Road</b>									
TIP ID: 6203 Agency ID: 102895		Title: <b>Sycolin Road</b>				Complete:		Total Cost: \$13,500	
Facility: Sycolin Road	AC	100/0/0	3,481 c						3,481
From: Tolbert lane	REVSH	0/50/50	3,500 c						3,500
To: Leesburg S Corporate Limits	RSTP	80/20/0	2,019 c						2,019
<b>Total Funds:</b>									<b>9,000</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).

<b>Wellington Rd. Overpass Phase III</b>									
TIP ID: 6332 Agency ID: 104374		Title: <b>Wellington rd. Overpass Phase II</b>				Complete:		Total Cost: \$60,000	
Facility: Wellington Rd.	AC	100/0/0	1,000 a						1,000
From: Dean Drive									
To: Dean Park Dr.									
<b>Total Funds:</b>									<b>1,000</b>

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



<b>Bridge</b>									
<b>Construction: Bridge Rehabilitation/Replacement/Reconstruction</b>									
TIP ID: 5503 Agency ID: TIPGRP001		Title: <b>Construction: Bridge Rehabilitation/Replacement/Reconstruction</b>				Complete:		Total Cost: \$322,673	
Facility: District-wide Bridges	AC 4	85/15/0	9,714 c	29,818 c					39,532
From:	BR 1	90/10/0	1,752 c	837 c					2,589
To:	BR 3	100/0/0	200 a						200
<b>Total Funds:</b>									<b>42,321</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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**TIP Grouping for Preventive Maintenance for Bridges**

TIP ID: 5525	Agency ID: TIPGRP006	Title: TIP Grouping for Preventive Maintenance for Bridges	Complete:	Total Cost:	\$184,481
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Facility: Bridges	STP/E	100/0/0	2,905 c	3,047 c	5,952
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From: NoVA District					<b>Total Funds: 5,952</b>
To:					

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

**Enhancement**

**Colechester Road**

TIP ID: 6316	Agency ID: 76256	Title: Colchester Road - RTE 612	Complete:	Total Cost:	\$445,000
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Facility: VA 612 Colchster Road	AC	100/0/0	60 a	60
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From: VA 641 Chapel Road					<b>Total Funds: 60</b>
To: VA 641 0.24 Mile N. W. Of VA 641					

Description: Reconstruct & Pave Gravel Road

**TIP Grouping project for Construction: Transportation Enhancement Byway Non-Traditional**

TIP ID: 5523	Agency ID: TIPGRP004	Title: TIP Grouping project for Construction: Transportation Enhancement By	Complete:	Total Cost:	\$112,321
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Facility: Transportation Enhancement Byway Non-Tra	AC	80/20/0	496 c	496
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From: NoVA District					
To:	AC Conversion	80/20/0	79 c	79	

	BR	80/20/0	380 c	380
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	CMAQ	80/20/0	559 c	559
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	RSTP	80/20/0	1,000 a 151 b 4,564 c	335 a 6,050
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	State	0/100/0	100 a	50 b	150
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	State/Local	100/0/0	100 a	100
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	STP	80/20/0	1 c	1 c	2
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<b>Total Funds: 7,816</b>				
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Description: TIP Grouping project for Construction: Transportation Enhancement Byway Non-Traditional. See CLRP for the derivation of STIP Grouping and how they are part of the TIP. See Appendix A to see individual projects within this STIP Group.

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<b>ITS</b>									
<b>TIP Grouping project for Maintenance: Traffic and Safety Operations</b>									
TIP ID: 5526 Agency ID: TIPGRP007 Title: TIP Grouping project for Maintenance: Traffic and Safety Operations			Complete:		Total Cost: \$127,389				

Facility: Traffic and Safety Operations	STP 1	100/0/0	4,047 c	4,278 c						8,325
From: NoVA District									<b>Total Funds: 8,325</b>	

To:  
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.



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<b>Other</b>									
<b>TIP Grouping project for Construction: Safety/ITS/Operational Improvements</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: 5506 Agency ID: TIPGRP003 Title: TIP Grouping project for Construction: Safety/ITS/Operational Improve			Complete:		Total Cost:		<b>\$832,121</b>		
Facility: Safety/ITS/Operational Projects	AC	95/5/0	507 a	895 a					29,034
From: Districtwide			711 b	1,142 b					
To:			15,070 c	10,709 c					
AC 1	86/14/0		649 a	894 a					1,543
AC 2	83/17/0		1,008 b						1,008
AC 3	85/15/0		189 a						189
AC Conversion	80/20/0		700 a	560 a					1,260
AC Conversion 1	81/19/0		1,209 c	736 c					1,945
BR	80/20/0		769 b						769
CMAQ	75/25/0		107 a	107 a					214
CMAQ 1	81/19/0		11,263 c						11,263
CMAQ 2	74/26/0		108 a	108 a					216
EB/MG	80/20/0		387 b						387
EB/MG 1	81/19/0		840 c	679 c					1,519
EB/MG 2	84/16/0		109 c						109
HSIP	98/2/0		9,379 c	2,044 c					11,423
HSIP 1	52/48/0		96 a						96
HSIP 2	100/0/0		999 b						999
IM	94/6/0		3,581 c						3,581
NHPP	100/0/0		47 c						47
RSTP	80/20/0		2,601 b 2,148 c	7,005 c					11,754
RSTP 1	79/21/0		1,957 a	760 a					2,717
State	0/100/0			300 a					300

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State/Local	0/50/50			300 a					1,550
				1,250 b					
STP	100/0/0		40 b						2,667
			2,627 c						
STP 1	83/17/0		31 a	542 a					573
STP 3	80/20/0		22,334 c	16,092 c					38,426
STP 6	84/16/0		967 b	2,700 b					3,667
STP 7	98/2/0		835 c						835
STP/E	80/20/0		41 b						41
<b>Total Funds:</b>									<b>128,132</b>

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

<b>Virginia Statewide Vehicle Fuel Conversion Program</b>										
TIP ID: 6041	Agency ID: T11802	Title: Virginia Statewide Vehicle Fuel Conversion Program				Complete:	Total Cost:			
Facility:	AC Conversion	80/20/0	1,227 c	600 c					1,827	
From:										
To:									<b>Total Funds: 1,827</b>	

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

<b>Maintenance</b>										
<b>TIP Grouping project for Preventive Maintenance and System Preservation</b>										
TIP ID: 5524	Agency ID: TIPGRP005	Title: TIP Grouping project for Preventive Maintenance and System Preservati				Complete:	Total Cost: \$341,997			
Facility: Preventive Maintenance and System Preserv	STP	100/0/0	17,265 c	19,132 c					36,397	
From: NoVA District										
To:									<b>Total Funds: 36,397</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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**Transit**

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

TIP ID: 6402	Agency ID: VRE0018	Title: Phase II - Work related potomac shores station	Complete:	Total Cost:
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Facility: CSX RF&P Rail Corridor	State/Local	0/50/50	10,000 c	10,800 c	10,000 c				30,800
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From: CF 557 Hamilton Interlocking (HA)

To: CF 1063 Control Point Slaters Lane (CP)

**Total Funds: 30,800**

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

**Dulles Corridor Metrorail Extension Phase II**

TIP ID: 6362	Agency ID:	Title: Route 28 Metrorail Station (Innovation Station)	Complete: 2018	Total Cost: \$83,000
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Facility: 28 Innovation Station	CMAQ	80/20/0	2,085 c	7,166 c	1,773 c	45 c			11,069
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From: Silver Line at Route 28

To:

**Total Funds: 11,069**

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.

**Dulles Corridor Metrorail Project**

TIP ID: 4272	Agency ID: DUL0002	Title: Dulles Corridor Metrorail Project - Phase 2	Complete: 2018	Total Cost: \$2,937,421
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Facility:	Local	0/0/100	24,699 c	13,175 c					37,874
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From: Wiehle Avenue

To: VA

**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.

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

TIP ID: 6281	Agency ID: 106274	Title: Springfield CBD Commuter Parking Garage	Complete:	Total Cost: \$58,236
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Facility: 644 Old Keene Mill Road	CMAQ	80/20/0		37,789 c					37,789
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From:

To: Local 0/0/100

11,838 c

11,838

**Total Funds: 49,626**

Description: Springfield CBD Commuter Parking Garage

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>PRTC - Bus Acquisition / Replacement Program</b>									
TIP ID: 4506	Agency ID: PRTC0005	Title: PRTC - Bus Acquisition / Replacement Program	Complete:				Total Cost:		\$10,338
Facility: PRTC - Bus Acquisition	Sect. 5339	80/16/4	10,338 c						10,338
From: NOVA Districtwide									<b>Total Funds: 10,338</b>
To:									
Description: Replacement of sixteen commuter buses manufactured in 2002 that have reached the end of their useful life.									

<b>PRTC - Capital Cost of Contracting</b>									
TIP ID: 5601	Agency ID: PRTC0004	Title: PRTC - Preventive Maintenance	Complete: 2040				Total Cost:		
Facility:	Sect. 5307	80/0/20	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	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: 17,287</b>
Description: Maintenance of the Omniride and Omnilink fleet.									

<b>PRTC Security Enhancements</b>									
TIP ID: 5707	Agency ID: PRTC0006	Title: PRTC Security Enhancements	Complete:				Total Cost:		\$846
Facility: PRTC Transit Center	Sect. 5307	80/16/4	15 c	16 c	17 c	17 c	18 c		83
From:									
To:									
Description: Ongoing Improves safety and security at the PRTC Transit Center. Grantees must certify that at least 1% of Formula funding received each fiscal year is being used for transit security projects. Projects include cameras, additional lighting, drills, communications systems, facility access, System Safety Security Plan, etc.									

<b>TIP Grouping for Transit Vehicles</b>									
TIP ID: 6331	Agency ID:	Title: Transit : Vehicles	Complete:				Total Cost:		\$27,559
Facility:	AC Conversion	85/15/0	1,317 c	8,414 c					9,731
From:									
To:									
									<b>Total Funds: 9,731</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
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**TIP Grouping project for Transit Access**

TIP ID: 6333	Agency ID:	Title: Transit : Access						Complete:	Total Cost:	\$22,500	
Facility:		AC Conversion	80/20/0		5,249 c					5,249	
From:											
To:										<b>Total Funds:</b>	<b>5,249</b>
Description:											

**TIP Grouping project for Transit Amenities**

TIP ID: 6328	Agency ID:	Title: Aminities						Complete:	Total Cost:	\$9,364	
Facility:		AC Conversion	90/10/0		958 c	524 c				1,482	
From:											
To:										<b>Total Funds:</b>	<b>1,482</b>
Description:											

**Transit: Ridesharing**

TIP ID: 6330	Agency ID:	Title: Transit Ridesharing						Complete:	Total Cost:	\$20,431	
Facility:		AC Conversion	85/15/0		4,850 a	4,917 a				9,767	
From:											
To:										<b>Total Funds:</b>	<b>9,767</b>
Description:											

**VRE - Administration / Studies / Training**

TIP ID: 4802	Agency ID: VRE0002	Title: Fare Collection System/Comm. Improvements						Complete: 2030	Total Cost:	\$18,728	
Facility:		Sect. 5307	80/16/4		1,200 c					1,200	
From: Systemwide											
To:										<b>Total Funds:</b>	<b>1,200</b>
Description:	Ongoing maintenance of the fare collection equipment and the next generation of fare equipment. Fare Collection III										

TIP ID: 4277	Agency ID: VRE0003	Title: Security Enhancements Systemwide						Complete: 2040	Total Cost:	\$2,100	
Facility:		Sect. 5307	80/16/4		105 c	105 c	105 c	105 c		420	
From: Systemwide											
To:										<b>Total Funds:</b>	<b>420</b>
Description:	Grantees must certify that at least 1% of 5307 funding received each fiscal year is being used for transit security projects										

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

Source	Fed/St/Loc	Previous Funding	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Source Total
<b>TIP ID: 4489 Agency ID: VRE0008 Title: Grant and Project Management</b>			Complete:				Total Cost:		<b>\$2,450</b>
Facility: System Wide	Sect. 5307	80/20/0	650 a	650 a	650 a	650 a			2,600
From: Northern Virginia									
To:									<b>Total Funds: 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.									

<b>VRE - Rolling Stock Acquisition</b>									
<b>TIP ID: 4818 Agency ID: VRE0001 Title: Rolling Stock Modifications and Overhauls</b>			Complete:				Total Cost:		<b>\$35,765</b>
Facility:	Sect. 5337-SGR	80/16/4	4,900 c						4,900
From: Systemwide									
To:									<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: 4534 Agency ID: VRE0009 Title: Rolling Stock Acquisition</b>			Complete:				Total Cost:		<b>\$58,761</b>
Facility: VRE Rolling Stock	Sect. 5307 2	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: 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>VRE - Stations and Facilities</b>									
<b>TIP ID: 6404 Agency ID: Title: VRE Stations and Facilities</b>			Complete:				Total Cost:		
Facility:	AC Conversion	80/15/0	4,923 c						4,923
From:									
To:									<b>Total Funds: 4,923</b>
Description: Additions of 2nd platforms, signage, related improvements at various VRE stations									

<b>TIP ID: 6320 Agency ID: T10671 Title: VRE Rippon Platforms</b>			Complete:				Total Cost:		<b>\$10,890</b>
Facility: US 1	AC	100/0/0	3,034 c						3,034
From: Farm Creek Drive									
To: Rippon Blvd.	AC Conversion	80/20/0		1 c					1
	CMAQ	80/20/0	5,755 c						5,755
									<b>Total Funds: 8,790</b>

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

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: 4310 Agency ID: VRE0011 Title: VRE Stations and Facilities			Complete:				Total Cost:		\$4,612
Facility: VRE Stations and Facilities	Sect. 5337-SGR	80/16/4	3,930 c	946 c	946 c	946 c			6,768
From: Districtwide									
To:									<b>Total Funds: 6,768</b>
Description: Involves the addition of second platforms, canopy and platform extensions, replacement of signage and other related improvements at various VRE stations in order to keep the stations in good repair. This work will be done at various stations including Fredericksburg, Leeland Road, Brooke, Manassas, Manassas Park, Woodbridge, Rippon, Rolling Road, Broad Run, Burke and other stations to be determined.									

**VRE - Tracks and Storage Yards**

TIP ID: 4070 Agency ID: VRE0007 Title: VRE Storage Yards Improvements			Complete: 2030				Total Cost:		\$44,801	
Facility: VRE Storage Yards	Sect. 5307	62/34/4	5,100 c	4,636 c					9,736	
From: Systemwide										
To:	Sect. 5337-SGR	62/34/4	18,794 c							18,794
								<b>Total Funds: 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.										

**VRE Track Lease Improvements**

TIP ID: 5489 Agency ID: VRE0012 Title: VRE Track Lease Improvements			Complete:				Total Cost:		\$229,971
Facility: VRE Track	STP	50/34/16	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.									