

I-66 Outside the Beltway Concession Fee Projects Annual Update Northern Virginia Transportation Authority

Susan Shaw, P.E., Northern Virginia Megaprojects Director
Virginia Department of Transportation

October 13, 2022

Concession Fee Project Requirements

Projects must:

- **Benefit the toll facility user (Virginia Code)**
- **Be federally eligible**
- **Meet one of the project improvement goals**
 - Move more people
 - Enhance transportation connectivity
 - Improve transit service
 - Reduce roadway congestion
 - Increase travel options
- **Be selected and recommended by NVTB**
- **Be approved by the Commonwealth Transportation Board**

Concession Fee Project Categories and Status

- **Projects within Transform 66 project construction limits:**
 - Widen Poplar Tree Road Bridge to 4 lanes: *Open to traffic November 2020*
 - Expand I-66 Median Replace I-66 Bridge over US 29: *Construction underway, traffic shifted to new bridges.*
 - Widen Jermantown Road Bridge to 4 lanes: *Construction underway. Traffic shifted to new bridge.*
 - Widen Monument Drive Bridge to add pedestrian facility: *Construction underway.*
- **Transit Improvement Projects:**
 - Commuter Parking Garage and Transit Station at Fairfax Corner: *Design-build construction underway.*
 - East Falls Church Metrorail Station Bus Bay Expansion: *Design is underway. Construction start early 2023.*
 - PRTC Western Bus Maintenance and Storage Facility: *Project complete. Facility began operations in 2021.*
 - VRE Manassas Line Capacity Expansion and real-time traveler information project: *5 Distinct project components, in various stages of development. Project completion date in 2025. Rail cars ordered, delivery in 2025. Other sources of funds (\$114,970,410).*
- **Pedestrian Improvement Projects:**
 - Nutley Street SW Mixed-use Trail from Marshall Road SW to Tapawingo Road SW: *Final design underway.*
 - George Snyder Trail from Route 123 to Route 50 at Draper Drive: *Construction to begin in 2023.*
 - Lee Highway Sidewalk Improvements from Nutley Street to Vaden Drive: *Construction award anticipated in 2022.*

Concession Fee Project Categories and Status (*continued*)

- **Roadway Projects:**

- Route 234 at Balls Ford Road interchange with Balls Ford Road improvements: *Design-Build project, construction underway. On schedule to open to traffic in late 2022, construction complete in 2023.*
- Devlin Road Widening, Balls Ford to University Blvd.: *Design underway*
- Balls Ford Road widening from Groveton Road to Route 234 Business: *Construction underway, completion fall 2023.*
- US 50 and Waples Mill Road intersection improvements: *Construction contract awarded August 2022.*
- Route 29 Widen 1.5 miles: *Design-build, NTP June 2022*

I-66 Concession Fee Projects

Project Description	Responsible Organization	Concession Fee Amounts Approved Through Sept. 2022	Potential Shortfall/Surplus
Poplar Tree Road Bridge Widening to Four Lanes	VDOT/66 OTB	\$ 2,620,000	
I-66 Median Widening at Route 29	VDOT/66 OTB	\$ 48,050,736	
Jermantown Road Bridge Widening	VDOT/66 OTB	\$ 9,500,000	
Monument Drive Pedestrian Improvement	VDOT/66 OTB	\$ 3,800,000	
Rte 234 At Balls Ford Road Interchange	Prince William	\$ 107,929,911	
Balls Ford Road and Devlin Road	Prince William	\$ 34,223,288	
Balls Ford Road Widening from Groveton Road to Rte 234	Prince William	\$ 47,762,850	
Commuter Parking Structure at Government Center	Fairfax County	\$ 40,850,000	\$ 1,050,000
George T. Snyder Trail	City of Fairfax	\$ 17,265,000	
Nutley Street SW Shared Use Path	Town of Vienna	\$ 495,000	

I-66 Concession Fee Projects

Project Description	Responsible Organization	Concession Fee Amounts Approved through Sept. 2022	Potential Shortfall/Surplus
Route 50/Waples Mill Road Intersection	VDOT	\$ 2,814,786	
Lee Highway Pedestrian Improvements – Nutley St to Vaden Dr	VDOT	\$ 3,777,652	
Route 29 Widening – Phase I (Pickwick to Union Mill)	VDOT	\$ 1,210,904	
#Smart 18 Route 29 Widening Phase II (Union Mill – Buckley's Gate	VDOT	\$ 21,700,597	
Route 29 Widening – Legato to Shirley Gate	Fairfax County	\$ 4,762,000	
East Falls Church Metro Bay Expansion	DRPT/Arlington	\$ 4,841,000	(\$ 2,131,000)
Western Bus Maintenance & Storage Facility	DRPT/PRTC	\$ 11,070,000	
VRE Manassas Line Upgrade	DRPT/VRE/VRPA	\$ 105,013,000	
VRE Manassas Park Parking Garage and Bridge	DRPT/VRE	\$ 23,483,000	(\$ 4,017,000)
TOTAL		\$ 491,169,724	
Funds Available		\$ 8,830,276	(\$ 5,098,010)

The Route 28 Interchange at I-66 continues to take shape, with new ramps and connections added as construction advances.



September 2022, Route 28 Interchange

New I-66 Bridges over Route 29 Centreville are being lengthened, widened, and raised for the new I-66 Express Lanes and to provide room for any future mass transit along I-66 and future widening of Route 29.



September 2022, Route 29 Interchange

I-66 and Balls Ford Road
Prince William County
Looking West

September 2022



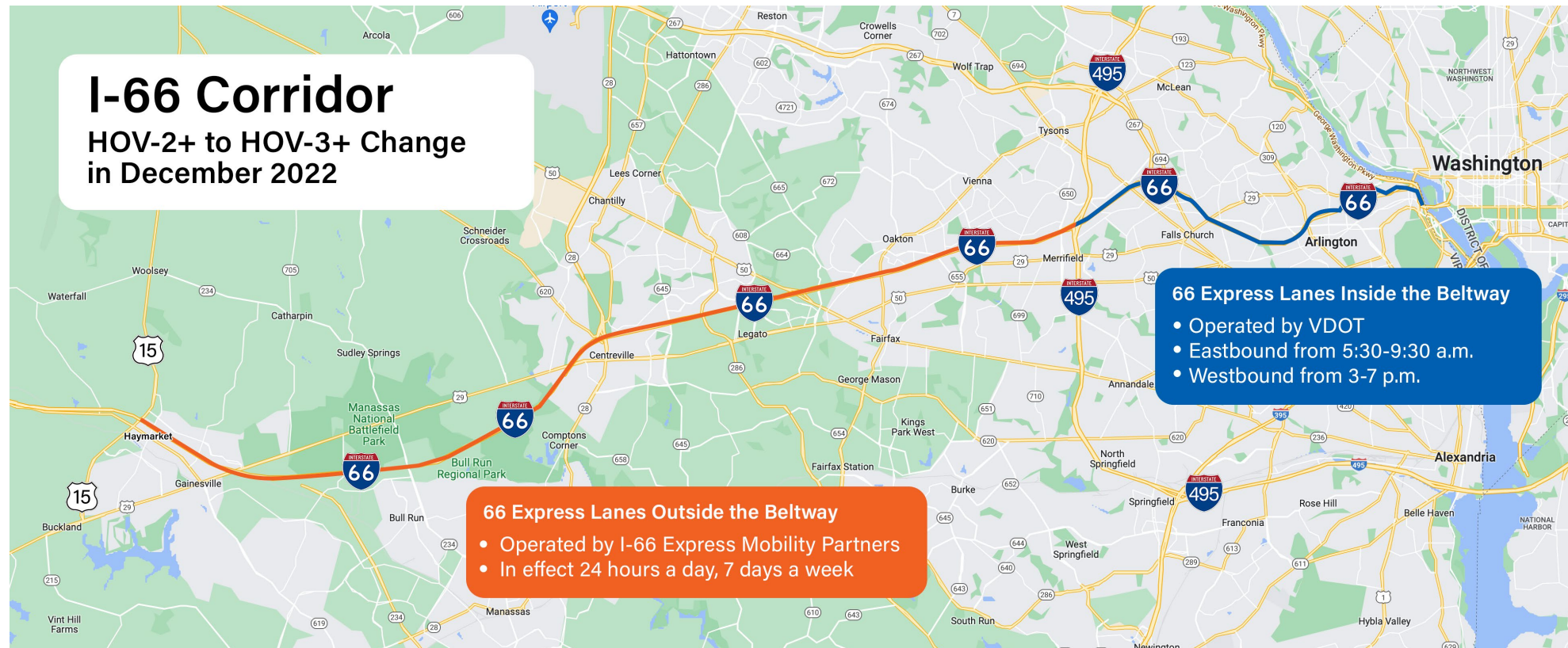
Western Section of 66 Express Lanes Opened Early on September 10, 2022

- Opened first 9 miles
 - Route 29 in Gainesville
 - Route 28 in Centreville
- Tolling and HOV-2 rules began September 24, 2022



I-66 Corridor-Wide HOV Travel Change

- HOV requirement switches from 2 to 3 occupants for toll-free Express Lanes travel across I-66 corridor starting when remaining 66 Express Lanes Outside the Beltway open in **December 2022**
- New HOV-3+ rule will go into effect across entire I-66 corridor – Outside the Beltway (24/7) and Inside the Beltway (peak directions, peak periods)





Virginia Department of Transportation, NOVA Megaprojects
I-66 Concession Fee Projects
FINANCIAL STATUS REPORT

Expenditures through 6/30/22; Status as of Fall 2022

UPC	State Project Number	I-66 Concession Payment Projects Description	Management Agreement	Estimated Completion	Current Concession Fee Amount	Current Estimate*	Other Funding Sources	Potential Shortfall/Surplus	Concession Fee Expenditure Thru 6/30/21**	Status Through Fall 2021
112779	4831-029-411	Poplar Tree Road Bridge Widening to Four Lanes	VDOT/66 OTB	2022	\$ 2,620,000	\$ 2,620,000	\$ -	\$ -	\$ 2,600,000.00	Open to traffic November 2020.
112778	0066-029-410	I-66 Median Widening at Rte 29 for WMATA Orange Line Accomodation	VDOT/66 OTB	2022	\$ 48,050,736	\$ 57,500,000	\$ 9,449,254	\$ (10)	\$ 48,050,736.00	Construction underway. Traffic shifted to new bridges.
112781	0655-029-409	Jermantown Road Bridge Widening	VDOT/66 OTB	2022	\$ 9,500,000	\$ 9,500,000	\$ -	\$ -	\$ 8,493,959.00	Construction underway. Traffic shifted to new bridge.
112780	7969-029-412	Monument Drive Pedestrian Improvements	VDOT/66 OTB	2022	\$ 3,800,000	\$ 3,800,000	\$ -	\$ -	\$ 1,602,949.00	Construction underway.
112815	6234-076-266	Rte 234 At Balls Ford Road Interchange	Prince William County 8/30/2018	2023	\$ 107,929,911	\$ 107,929,911	\$ -	\$ -	\$ 53,178,985.52	Design-Build Project, construction underway, approximately 70% complete. Open to traffic in late 2022, completion Spring 2023.
118253	0621-076-310	Devlin Widening 2 to 4 Lanes Balls Ford Interchange to University Blvd	Prince William County	2027	\$ 34,223,288	\$ 34,223,288	\$ -	\$ -	\$ 793,569.48	Design underway (approximately 60% complete).
112813	0621-076-265	Balls Ford Road Widening from Groveton Road to Rte 234	Prince William County 5/7/2018	2023	\$ 47,762,850	\$ 47,762,850	\$ -	\$ -	\$ 7,784,508.00	Construction underway, completion in late 2023. Note: Estimate, etc. Includes UPC 118892 Ductbank relocation work that is part of overall project.
112817	FXCP-029-413	Commuter Parking Structure at Government Center	Fairfax County 10/23/2018	2023	\$ 40,850,000	\$ 39,800,000	\$ -	\$ 1,050,000	\$ 6,302,363.69	Design-Build contract awarded 8/16/21. Under construction, approximately 35% complete.
112816	U000-151-216	George T. Snyder Trail	City of Fairfax 7/2/2018	2026	\$ 17,265,000	\$ 17,635,000	\$ 370,000	\$ -	\$ 2,152,449.32	RW phase starting. Construction planned to begin in 2023.
112818	0243-153-212	Nutley Street SW Shared Use Path	Town of Vienna 6/21/2018	2026	\$ 495,000	\$ 627,126	\$ 132,126	\$ -	\$ 69,114.04	Final design underway.
113517	0050-029-415	Route 50/Waples Mill Road Intersection	VDOT	2023	\$2,814,786	\$ 2,814,786	\$ -	\$ -	\$ 653,462.81	Construction contract awarded 8/26/22.
113518	0029-029-414	Lee Highway Pedestrian Improvements - Nutley St to Vaden Dr	VDOT	2023	\$3,777,652	\$ 3,777,652	\$ -	\$ -	\$ 1,705,988.83	Construction contract award anticipated October 2022.
110330	0029-029-351	Route 29 Widening - Phase I Pickwick Road to Union Mill	VDOT	2019	\$1,210,904	\$ 1,210,904	\$ -	\$ 0	\$ 1,210,903.69	Project final closeout 3/20/19.
110329	0029-029-350	#Smart 18 Route 29 Widening Phase II Widen 1.5 Miles Union Mill Road to Buckley's Gate	VDOT	2026	\$21,700,597	\$ 97,020,683	\$ 75,320,086	\$ -	\$ 4,507,144.08	Design-Build NTP issued June 2022.
105397	0029-029-R54	Route 29 Widening Legato to Shirley Gate	Fairfax County 3/26/2018	2020	\$ 4,762,000	\$ 14,056,454	\$ 9,294,454	\$ -	\$ 4,762,000.00	Project Completed in November 2019. In financial closure
113527	EFCM-000-871	East Falls Church Metro Bus Bay Expansion	DRPT/Arlington In process	2024	\$ 4,841,000	\$ 6,972,000	\$ -	\$ (2,131,000)	\$ -	Design nearly complete. Construction to begin January 2023.
113528	PRTC-076-267	Western Bus Maintenance & Storage Facility	DRPT/PRTC 2/6/2019	2020	\$ 11,070,000	\$ 47,680,000	\$ 36,610,000	\$ -	\$ 11,070,000.00	Project complete. Facility began operations in 2021.
113526	VREM-155-313	VRE Manassas Line Upgrade	DRPT/VRE In process	2027	\$ 105,013,000	\$ 219,983,410	\$ 114,970,410	\$ -	\$ -	5 Distinct project components, in various stages of development. Project completion dates in 2023, with final component complete in 2025. New rail cars ordered, delivery in 2025.
113525	VREM-152-284	VRE Manassas Park Parking Garage and Bridge	DRPT/VRE 4/2/2019	2024	\$ 23,483,000	\$ 30,000,000	\$ 2,500,000	\$ (4,017,000)	\$ -	Design complete. Construction start in early 2023.
113539	0066-96A-527	Balance Entry Account - MONITORING FUNDS			\$ 8,830,276					
		TOTAL			\$ 500,000,000	\$ 611,740,270		\$ (5,098,010)	\$ 154,938,133.46	
								\$ 3,732,266	Potential Concession Fee Balance	