

NORTHERN VIRGINIA TRANSPORTATION AUTHORITY**MEMORANDUM**

FOR: Chair Phyllis J. Randall and Members
Northern Virginia Transportation Authority

FROM: Monica Backmon, CEO

DATE: December 3, 2021

SUBJECT: Update on the Development of the FY2022-2027 Six Year Program

- 1. Purpose.** To inform the Northern Virginia Transportation Authority (NVTA) on the status of the development of the Authority's FY2022-2027 Six Year Program (SYP).
- 2. Background.** At its July 9, 2020, meeting, the Authority adopted its FY2020-2025 SYP, following the adoption of inaugural SYP in 2018. The SYP is updated on a two-year cycle alternating with the Commonwealth's Smart Scale Program, which is also on a two-year cycle. Development of the Authority's FY2022-2027 SYP Update, using FY2026 and FY2027 regional revenues will follow a similar version of the process used for the previous SYPs, initiated by a Call for Regional Transportation Projects (CfRTP) that was posted on July 1, 2021.

This will be the last SYP for which the current TransAction Project List (adopted in October 2017) will be used. The new model being developed as part of the current TransAction Update will be validated and used for model-based evaluations for the FY2022-2027 SYP, together with the weighted performance measures when approved by NVTA. The SYP schedule may potentially be affected by any delays in TransAction model development and approval.

- 3. Status.** The deadline for eligible jurisdictions and agencies to respond to the CfRTP was October 1, 2021, and to submit the governing body resolutions is December 3, 2021.

NVTA staff have been reviewing the project applications, conducting eligibility verifications, requesting clarifications, and preparing information for the modeling and other analytical work including congestion reduction relative to cost calculations.

Following the successful implementation of an automated online project application process for the previous cycle of SYP, jurisdiction/agency staff were able to use an enhanced online portal to submit applications. This greatly streamlined the application process for NVTA staff as well as for jurisdiction/agency staff. Similar to the previous cycle, jurisdiction staff were provided a chance to meet with NVTA staff to present their respective applications, and to provide an early opportunity for NVTA staff to request clarifications.

The candidate project list includes 26 applications from 9 jurisdictions, with a combined request of approximately \$1.213 billion. A comparison of all funding programs is provided in Table 1 below.

Table 1: Comparison of NVTA Funding Programs

Funding Program	Amount Requested (\$)	Amount Approved (\$)	Approved/ Requested (%)
FY2014	339,693,000	178,784,455	53
FY2015-2016	467,124,215	326,983,782	70
FY2017	297,949,000	166,043,951	56
FY2018-2023 SYP	2,470,139,861	1,285,273,281	52
FY2020-2025 SYP	1,444,826,078	539,110,783	37
FY2022-2027 SYP	1,213,916,553	N/A	N/A

Note: Adjusted for approved projects that were subsequently withdrawn

The candidate projects for the FY2022-2027 SYP will now advance to the detailed project evaluation phase. It is noted that project details may change during the evaluation phase to reflect any updates that are received by NVTA staff.

A breakdown of applications by applicant is provided in Table 2 below.

Table 2: Summary of Applications by Applicant

Applicant	Applications (#)	Requested amount (\$)
Arlington County	1	80,000,000
Fairfax County	7	572,000,075
Loudoun County	4	58,500,000
Prince William County	8	444,200,000
City of Alexandria	2	10,000,000
City of Falls Church	1	22,500,000
City of Manassas	1	8,851,639
Town of Herndon	1	4,581,000
Town of Leesburg	1	13,283,839
TOTAL	26	1,213,916,553

A breakdown of applications based on the primary mode for the project applications is provided in Table 3 below. Please note that the projects may support other modes too.

Table 3: Summary of Applications by Primary Mode

Primary Mode	Applications (#)	Requested amount (\$)
New or improved roadway capacity and/or alignment	14	842,351,714
New or improved intersection/interchange	5	166,564,839
New or improved bus/BRT facility	3	95,000,000
Improvement/access to Metrorail/VRE commuter rail	1	80,000,000
New or improved bicycle/pedestrian facility	2	27,500,000
Transportation technology	1	2,500,000
TOTAL	26	1,213,916,553

The final list of candidate projects and a regional map showing the locations of the candidate projects are provided in Attachments 1 and 2. The latest information will be available on the NVTa website, under the Programming tab, FY2022-2027 Six Year Program: <https://thenovaauthority.org/fy2022-2027-six-year-program/>.

4. **Next Steps.** Development of the FY2022-2027 SYP remains on schedule. Upcoming milestones include:
- a. **December 2021-January 2022:** project evaluations including TransAction ratings (HB599), Congestion Reduction Relative to Cost (CRRC), Long Term Benefit (LTB), and qualitative considerations.
 - b. **March 2022:** Authority approval of date for NVTa Public Hearing/Open House
 - c. **March 2022:** Commencement of Technical Advisory Committee (TAC), Planning Coordination and Advisory Committee (PCAC), and Planning and Programming Committee (PPC) reviews;
 - d. **March – April 2022:** Staff submission of funding availability recommendations to the Finance Committee
 - e. **April 2022:** Release of candidate project list and evaluations by the Authority;
 - f. **April – May 2022:** Public comment period, NVTa Public Hearing/Open House, jurisdictional Town Hall meetings;
 - g. **June 2022:** Release of NVTa staff project recommendations for review by TAC, PCAC, and PPC;
 - h. **July 2022:** Authority adoption of FY2022-2027 SYP

Attachments:

- 1. List of candidate projects
- 2. Regional map showing candidate projects and primary mode.

Attachment 1: List of candidate projects

#	Application ID	Jurisdiction / Agency	Project	Fund request	Total project cost	Primary and supporting modal components
1	ARL-021	Arlington Co	Ballston-MU Metrorail Station West Entrance	\$ 80,000,000	\$ 140,000,000	
2	FFX-131	Fairfax Co	Richmond Highway Widening From Mt. Vernon Memorial Highway/Jeff Todd Way to Sherwood Hall Lane	\$ 60,207,038	\$ 415,000,000	
3	FFX-128	Fairfax Co	Richmond Highway (Route 1) BRT	\$ 80,000,000	\$ 730,000,000	
4	FFX-121	Fairfax Co	Soapstone Drive Extension: Sunset Hills Road to Sunrise Valley Drive	\$ 73,793,037	\$ 235,000,000	
5	FFX-119	Fairfax Co	Frontier Drive Extension and Intersection Improvements	\$ 145,200,000	\$ 180,200,000	
6	FFX-126	Fairfax Co	Fairfax County Parkway Widening: Nomes Court to Route 123	\$ 108,000,000	\$ 115,035,882	
7	FFX-125	Fairfax Co	Seven Corners Ring Road Improvements: Arlington Boulevard (Route 50) Westbound Ramp to Castle Place/Sleepy Hollow Road	\$ 94,800,000	\$ 94,800,000	
8	FFX-124	Fairfax Co	8 New Battery Electric Buses - Fairfax Connector Buses for Tysons to Franconia Service	\$ 10,000,000	\$ 10,000,000	
9	LDN-025	Loudoun Co	Route 7 Improvements: Route 9 to Dulles Greenway	\$ 20,000,000	\$ 130,992,500	
10	LDN-028	Loudoun Co	Loudoun County Parkway Interchange at US 50	\$ 20,000,000	\$ 181,152,680	
11	LDN-024	Loudoun Co	Ryan Road Widening (Phase 2): Evergreen Mills Road to Beaverdam Drive	\$ 16,000,000	\$ 31,500,000	
12	LDN-023	Loudoun Co	Route 7 Corridor ITS Implementation Program	\$ 2,500,000	\$ 3,777,000	
13	PWC-031	Prince William Co	Construct Interchange at Prince William Parkway and Minnieville Road	\$ 67,500,000	\$ 70,000,000	
14	PWC-030	Prince William Co	Route 1 at Route 123 Interchange	\$ 61,200,000	\$ 68,000,000	
15	PWC-027	Prince William Co	Van Buren Road North Extension: Route 234 to Cardinal Drive	\$ 80,000,000	\$ 82,000,000	
16	PWC-029	Prince William Co	Devlin Road (South) Widening: Linton Hall Road to University Boulevard	\$ 35,000,000	\$ 40,000,000	
17	PWC-028	Prince William Co	University Boulevard Extension: Devlin Road to Wellington Road	\$ 53,000,000	\$ 100,000,000	
18	PWC-036	Prince William Co	Old Bridge Road Widening: Colby Drive to Minnieville Road	\$ 25,000,000	\$ 25,000,000	
19	PWC-037	Prince William Co	Neabsco Road Improvements - Neabsco Road Widening: Route 1 to Daniel Ludwig Drive	\$ 26,500,000	\$ 26,500,000	
20	PWC-035	Prince William Co	Old Centreville Road Widening: Fairfax County Line to Route 28	\$ 96,000,000	\$ 96,000,000	
21	ALX-018	City of Alexandria	West End Transitway Phase 1b: South Van Dorn Street and Bridge Design	\$ 5,000,000	\$ 40,999,440	
22	ALX-020	City of Alexandria	Alexandria Bike and Pedestrian Trails Construction and Reconstruction: Holmes Run Trail - Dora Kelly Fair-weather Crossing Bridge	\$ 5,000,000	\$ 5,500,000	
23	CFC-008	City of Falls Church	North Washington Street Multimodal Improvements Project: Great Falls Street to Gresham Place	\$ 22,500,000	\$ 22,500,000	
24	MAN-002	City of Manassas	Liberia Avenue 3rd Lane Eastbound: Route 28 to Euclid Avenue	\$ 8,851,639	\$ 8,851,639	
25	HND-005	Town of Herndon	Herndon Parkway Improvements at Worldgate Drive Extension	\$ 4,581,000	\$ 6,536,000	
26	LEE-010	Town of Leesburg	Interchange Improvements at Route 15 Leesburg Bypass and Edwards Ferry Road	\$ 13,283,839	\$ 185,074,950	
26			TOTAL	\$ 1,213,916,553	\$ 3,044,420,091	