



Northern Virginia Transportation Authority

The Authority for Transportation in Northern Virginia

PLANNING COORDINATION ADVISORY COMMITTEE

Wednesday, April 27, 2022, 6:30pm

3040 Williams Drive, Suite 200

Fairfax, Virginia 22031

(In-person meeting and livestreamed via [YouTube](#))

AGENDA

- I. **Call to Order/Welcome** Chair Colbert

Action

- II. **Summary Notes of March 23, 2022 Meeting** Chair Colbert
Recommended action: Approve meeting notes

Discussion/Information

- III. **Status of FY2022-2027 Six Year Program Update** Dr. Nampoothiri, Senior Transportation Planner
- IV. **Status of TransAction Plan Update** Dr. Nampoothiri, Senior Transportation Planner
- V. **NVTA Updates** Ms. Monica Backmon, CEO

Adjournment

- VI. **Adjourn**

Next Meeting

May 25th, 2022



Northern Virginia Transportation Authority

The Authority for Transportation in Northern Virginia

PLANNING COORDINATION ADVISORY COMMITTEE

Wednesday, March 23, 2022, 6:30 pm

Northern Virginia Transportation Authority

MEETING SUMMARY

I. Call to Order/Welcome

- Chair and Mayor Colbert welcomed Committee members and called the meeting to order at 6:40 p.m.
- Attendees:
 - **PCAC Members:** In-person – Chair and Mayor Colbert (Town of Vienna); Supervisor Alcorn (Fairfax County); Supervisor Glass (Loudoun County); Council Member Duncan (City of Falls Church); Vice-Mayor Banks (City of Manassas Park); Council Member Friedrichs (Town of Herndon); Council Member Milan (Town of Purcellville).
 - Remote – Council Member Stehle (City of Fairfax).
 - **NVTA Staff:** Monica Backmon (Chief Executive Officer); Keith Jasper (Principal, Transportation Planning and Programming); Harun Rashid (Transportation Planner).
 - **Consultant:** Remote - Dalia Leven (Cambridge Systematics).
 - **Other:** Jaleh Moslehi (Town of Herndon), Noelle Dominguez (Fairfax County).

II. Summary Notes of December 1, 2021 Meeting

- The December 1, 2021, meeting summary was approved, with abstentions from members who did not attend the December 1 meeting.

III. Approval of Meeting Schedule for Calendar Year 2022

- A schedule with meeting dates for calendar year 2022 was approved unanimously.

IV. Status of FY2022-2027 Six Year Program Update.

- NVTA staff is in the midst of evaluating candidate projects to be considered for the FY2022-2027 Six Year Program. To update committee members on the status and provide an overview of the evaluation process, Mr. Jasper shared the following items:
 - A summary list of all candidate projects. There are 26 projects being considered for funding, with a total request of about \$1.2 billion.
 - A map showing project locations. Geographic distribution and extent of project locations play a role in the evaluation process.
 - Project evaluation template. A set of quantitative and qualitative attributes assigned to each project guides the decision-making process.

- The evaluation process was discussed as being based on four factors – 1. Eligibility: the proposed project needs to be in the current adopted TransAction candidate project list; 2. Quantitative scores: based on metrics from travel model and off-model analyses; 3. Qualitative scores: based on criteria including project readiness, additional funding leverage, applicants’ past performance to advance projects, etc.; and 4. Public comments. Long Term Benefit was also explained as the comparison between each member jurisdiction’s revenue contributions with transportation benefits it receives from NVTAs regional revenues investments. The funding legislation requires that, in the long term, each jurisdiction’s transportation benefit will be approximately equal to the share of revenue that can be attributed to each jurisdiction.
- NVTAs funding legislation prioritizes projects that result in maximum congestion reduction relative to total project cost; this factor is known as Congestion Reduction Relative to Cost or CRRC ratio. The candidate project list is primarily ranked based on these CRRC ratios, with their cumulative funding requests forming the first cutline of consideration. Other project impact scores (TransAction ratings), qualitative measures, and public comments combine to form the final staff recommendation. After explaining the process in detail, Mr. Jasper shared a timeline of upcoming public comment and hearing dates, and final program adoption.
- In response to members’ questions, staff mentioned an estimate of revenue available for this program cycle is anticipated to be released around May. Technical details for travel network and land use/trip demand assumptions in model analyses were also discussed.

V. Status of TransAction Plan Update

- Understanding general citizen’s transportation perception, needs, and priorities is crucial in the long-range planning process and Mr. Jasper explained the TransAction perception survey aims to capture that information. Dissemination of that information is being shared via newly introduced blog posts on the TransAction web page. Mr. Jasper also shared other features of the ongoing update process – coordinate a Bus Rapid Transit (BRT) planning working group, compile a project list to meet regional transportation needs to ultimately derive the new TransAction project list, and scenario analyses to address uncertainties in any planning/forecasting process. Next steps in the planning process include a public comment period, public hearing, and adoption of TransAction later this year.

VI. NVTAs Update

- NVTAs Chief Executive Officer, Ms. Backmon, mentioned an upcoming Authority work session to discuss findings from the TransAction analyses. She updated the Committee on the proposed FOIA bill that will allow certain committees to meet virtually. She also noted that the Special Session starts April 4th. Staff is closely monitoring and will report back to committee on any updates that impact the Authority and region regarding transportation.

VII. Adjourn

- Chair Colbert adjourned the meeting at 7:40 pm.

Northern Virginia Transportation Authority
Summary of FY2022-2027 Six Year Program Candidate Projects

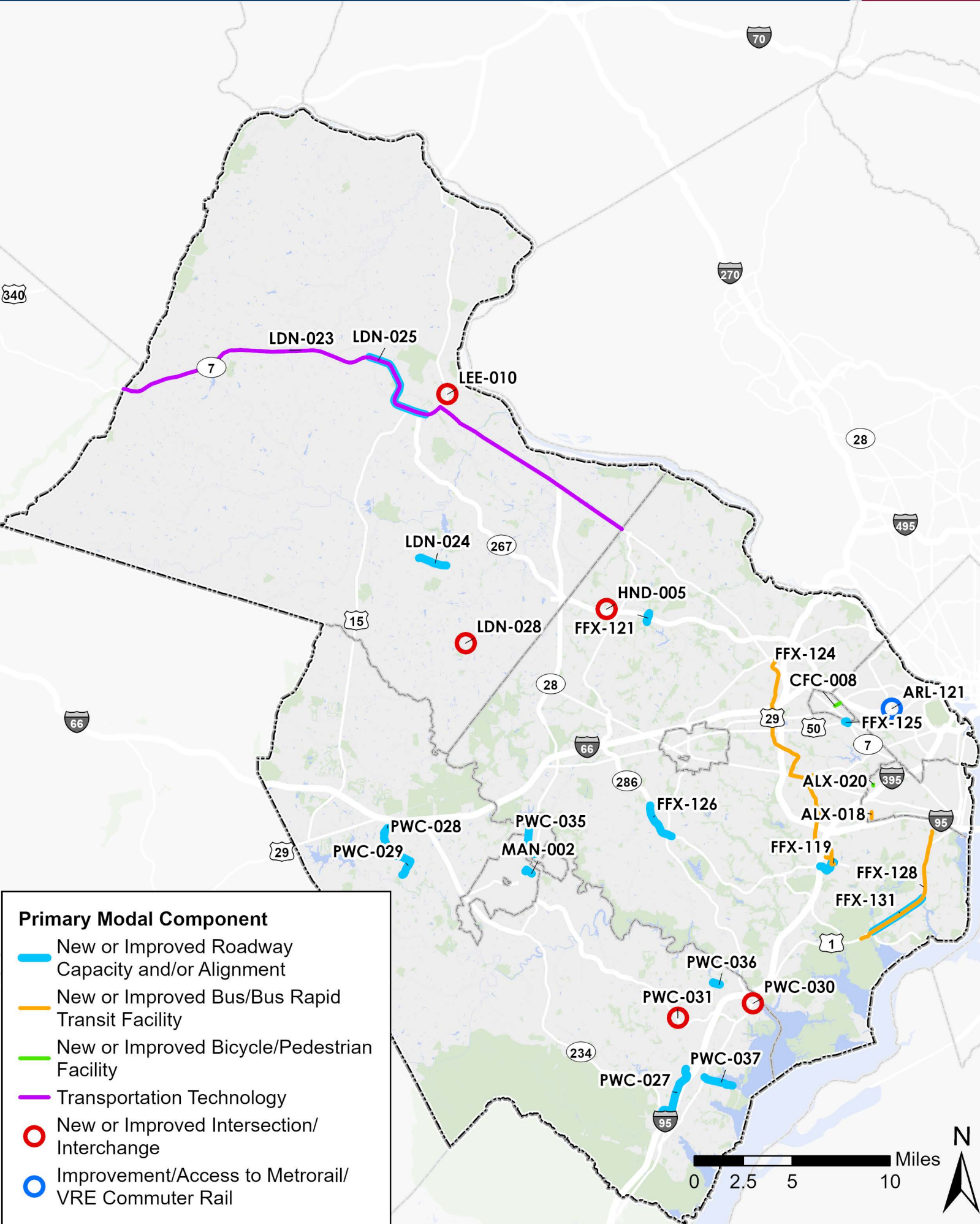
4/14/2022

#	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	\$ 150,000,000	 
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	\$ 35,250,000	\$ 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	\$ 1,229,166,553	\$ 3,054,420,091	

Modal Components

-  New or improved roadway capacity and/or alignment
-  New or improved intersection/interchange
-  Improvement/access to Metrorail/VRE commuter rail
-  New or improved bus/BRT facility
-  New or improved bicycle/pedestrian facility
-  New or improved bicycle facility
-  New or improved pedestrian facility
-  Transportation Technology

First symbol reflects the primary modal component, other symbols denote supporting modal components



Primary Modal Component

- New or Improved Roadway Capacity and/or Alignment
- New or Improved Bus/Bus Rapid Transit Facility
- New or Improved Bicycle/Pedestrian Facility
- Transportation Technology
- New or Improved Intersection/Interchange
- Improvement/Access to Metrorail/VRE Commuter Rail

Northern Virginia Transportation Authority

FY2022-27 Six Year Program Candidate Projects: Summary of Quantitative and Qualitative Evaluations

4/14/2022

Application ID	Jurisdiction / Agency	Project	Primary and supporting modal components	Fund request	Total project cost	Phases for which funds are requested	Previously Approved NVTA Regional Funds	Phases for which there is still a funding gap	Local priority	External funds	Past performance (% of expected funds reimbursed by FY2022 Q2) Continuation Jurisdiction/ Projects Agency		Past performance (% of allocated funds reimbursed by FY2022 Q2) Continuation Jurisdiction/ Projects Agency		Reimb. Request to SPA ratio (FY2021)	First fiscal year of expected drawdown	Year of opening	Long Term Benefit	Other	TransAction project rating (incl. HB 599)	TransAction rating rank (incl. HB 599)	CRRC (Reduction in annual person hours of delay / Total project cost in \$1000's)	CRRC rank
LDN-023	Loudoun Co	Route 7 Corridor ITS Implementation Program		\$ 2,500,000	\$ 3,777,000	CN														20.10	9	2064.26	1
LDN-025	Loudoun Co	Route 7 Improvements: Route 9 to Dulles Greenway		\$ 20,000,000	\$ 130,992,500	ROW, CN		PE, ROW, CN												33.32	5	110.79	2
FFX-126	Fairfax Co	Fairfax County Parkway Widening: Nomes Court to Route 123	  	\$ 108,000,000	\$ 115,035,882	PE, ROW, CN														56.20	1	105.22	3
PWC-035	Prince William Co	Old Centreville Road Widening: Fairfax County Line to Route 28	  	\$ 96,000,000	\$ 96,000,000	PE, ROW, CN													Note A	36.15	4	104.72	4
PWC-028	Prince William Co	University Boulevard Extension: Devlin Road to Wellington Road	  	\$ 53,000,000	\$ 100,000,000	CN														27.21	7	88.43	5
PWC-027	Prince William Co	Van Buren Road North Extension: Route 234 to Cardinal Drive	  	\$ 80,000,000	\$ 82,000,000	PE, ROW, CN														17.16	13	70.77	6
MAN-002	City of Manassas	Liberia Avenue 3rd Lane Eastbound: Route 28 to Euclid Avenue	  	\$ 8,851,639	\$ 8,851,639	PE, ROW, CN														7.79	24	69.11	7
PWC-036	Prince William Co	Old Bridge Road Widening: Colby Drive to Minnieville Road		\$ 25,000,000	\$ 25,000,000	PE, ROW, CN														12.03	18	64.48	8
FFX-124	Fairfax Co	8 New Battery Electric Buses - Fairfax Connector Buses for Tysons to Franconia Service		\$ 10,000,000	\$ 10,000,000	Asset Acq														15.99	14	48.88	9
PWC-029	Prince William Co	Devlin Road (South) Widening: Linton Hall Road to University Boulevard	  	\$ 35,000,000	\$ 40,000,000	ROW, CN														9.04	21	28.99	10
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	PE, ROW, CN	\$ 248,387,962													37.98	3	21.95	11
HND-005	Town of Herndon	Herndon Parkway Improvements at Worldgate Drive Extension	  	\$ 4,581,000	\$ 6,536,000	ROW, CN														17.52	12	17.94	12
LDN-024	Loudoun Co	Ryan Road Widening (Phase 2): Evergreen Mills Road to Beaverdam Drive		\$ 16,000,000	\$ 31,500,000	ROW, CN														9.28	20	17.50	13
PWC-031	Prince William Co	Construct Interchange at Prince William Parkway and Minnieville Road	  	\$ 67,500,000	\$ 70,000,000	ROW, CN														13.75	16	13.55	14
PWC-030	Prince William Co	Route 1 at Route 123 Interchange	  	\$ 61,200,000	\$ 68,000,000	PE, CN														10.91	19	7.37	15
LDN-028	Loudoun Co	Loudoun County Parkway Interchange at US 50	  	\$ 35,250,000	\$ 181,152,680	PE, ROW, CN														12.80	17	6.87	16
FFX-128	Fairfax Co	Richmond Highway (Route 1) BRT	  	\$ 80,000,000	\$ 730,000,000	PE, ROW, CN	\$ 250,000,000	PE, ROW, CN												44.50	2	5.97	17
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	PE, ROW, CN														8.83	22	5.13	18
FFX-121	Fairfax Co	Soapstone Drive Extension: Sunset Hills Road to Sunrise Valley Drive	  	\$ 73,793,037	\$ 235,000,000	PE, ROW, CN	\$ 15,000,000				N/A		N/A							19.65	10	4.65	19
PWC-037	Prince William Co	Neabsco Road Improvements - Neabsco Road Widening: Route 1 to Daniel Ludwig Drive		\$ 26,500,000	\$ 26,500,000	PE, ROW, CN														3.12	26	3.85	20
FFX-119	Fairfax Co	Frontier Drive Extension and Intersection Improvements	  	\$ 145,200,000	\$ 180,200,000	PE, ROW, CN	\$ 27,000,000													8.46	23	3.79	21
ALX-018	City of Alexandria	West End Transitway Phase 1b: South Van Dorn Street and Bridge Design	  	\$ 5,000,000	\$ 40,999,440	PE		ROW, CN												30.73	6	2.77	22
LEE-010	Town of Leesburg	Interchange Improvements at Route 15 Leesburg Bypass and Edwards Ferry Road	  	\$ 13,283,839	\$ 185,074,950	ROW	\$ 7,400,000	CN												17.97	11	1.83	23
ARL-021	Arlington Co	Ballston-MU Metrorail Station West Entrance	  	\$ 80,000,000	\$ 150,000,000	CN	\$ 12,000,000													26.08	8	1.28	24
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	CN		PE												6.35	25	0.20	25
CFC-008	City of Falls Church	North Washington Street Multimodal Improvements Project: Great Falls Street to Gresham Place	  	\$ 22,500,000	\$ 22,500,000	PE, ROW, CN														14.49	15	0.15	26
		TOTAL		\$ 1,229,166,553	\$ 3,054,420,091		\$ 559,787,962																

Modal Components

- | | |
|---|---|
|  | New or improved roadway capacity and/or alignment |
|  | New or improved intersection/interchange |
|  | Improvement/access to Metrolink/VRE commuter rail |
|  | New or improved bus/Bus Rapid Transit facility |
|  | New or improved bicycle/pedestrian facility |
|  | New or improved bicycle facility |
|  | New or improved pedestrian facility |
|  | Transportation Technology |

First symbol reflects the primary modal component;
other symbols denote supporting modal components

Notes:

- A** For consistency in analyses, this project was analyzed without the NVTA-funded RT28 Corridor Improvements (RT28 Bypass) project in the future no-build and build networks.

Jurisdictions

- ARL Arlington County
FFX Fairfax County
LDN Loudoun County
PWC Prince William County
ALX City of Alexandria
CFC City of Falls Church
CMA City of Manassas
HND Town of Herndon
LEE Town of Leesburg

Very high
High
Medium
Low
Very low
None

See
definition
below*

See
definition
below#

% drawn down of expected drawdown	% drawn down of expected drawdown
--	--

% drawn down of total allocation	% drawn down of total allocation
--	--

None
Very low
Low
Medium
High
Very high

Very high
High
Medium
Low
Very low
None

> 100%	> 100%
>80-100%	>80-100%
>60-80%	>60-80%
>40-60%	>40-60%
>20-40%	>20-40%
0-20%	0-20%

> 100%	> 100%
>80-100%	>80-100%
>60-80%	>60-80%
>40-60%	>40-60%
>20-40%	>20-40%
0-20%	0-20%

*** Funding Gap**

Higher of % or \$

Gap> 80% or >100M

Gap= >60-80% or >50-100M

Gap= >40-60% or >10-50M

Gap= >20-40% or >1-10M

Gap= >0-20% or upto 1M

No gap

External Funds

Higher of % or \$

Non-NVTA > 80% or >100M

Non-NVTA= >60-80% or >50-100M

Non-NVTA= >40-60% or >10-50M

Non-NVTA= >20-40% or >1-10M

Non-NVTA= >0-20% or upto 1M

No external funds

Anticipated next three SYP updates

Adopt

FY2024

FY2026

FY2028

*These will be based on updated TransAction
expected to be adopted in 12/2022*

expected to be adopted in 12/2022

Northern Virginia Transportation Authority
FY2022-27 Six Year Program Candidate Projects: CRRC Ratings

4/14/2022

Application ID	Jurisdiction	Project Title	CRRC Rating	CRRC Rank	Total Project Cost	Requested Amount
LDN-023	Loudoun Co	Route 7 Corridor ITS Implementation Program	2064.26	1	\$ 3,777,000	\$ 2,500,000
LDN-025	Loudoun Co	Route 7 Improvements: Route 9 to Dulles Greenway	110.79	2	\$ 130,992,500	\$ 20,000,000
FFX-126	Fairfax Co	Fairfax County Parkway Widening: Nomes Court to Route 123	105.22	3	\$ 115,035,882	\$ 108,000,000
PWC-035	Prince William Co	Old Centreville Road Widening: Fairfax County Line to Route 28*	104.72	4	\$ 96,000,000	\$ 96,000,000
PWC-028	Prince William Co	University Boulevard Extension: Devlin Road to Wellington Road	88.43	5	\$ 100,000,000	\$ 53,000,000
PWC-027	Prince William Co	Van Buren Road North Extension: Route 234 to Cardinal Drive	70.77	6	\$ 82,000,000	\$ 80,000,000
MAN-002	City of Manassas	Liberia Avenue 3rd Lane Eastbound: Route 28 to Euclid Avenue	69.11	7	\$ 8,851,639	\$ 8,851,639
PWC-036	Prince William Co	Old Bridge Road Widening: Colby Drive to Minnieville Road	64.48	8	\$ 25,000,000	\$ 25,000,000
FFX-124	Fairfax Co	8 New Battery Electric Buses - Fairfax Connector Buses for Tysons to Franconia Service	48.88	9	\$ 10,000,000	\$ 10,000,000
PWC-029	Prince William Co	Devlin Road (South) Widening: Linton Hall Road to University Boulevard	28.99	10	\$ 40,000,000	\$ 35,000,000
FFX-131	Fairfax Co	Richmond Highway Widening From Mt. Vernon Memorial Highway/Jeff Todd Way to Sherwood Hall Lane	21.95	11	\$ 415,000,000	\$ 60,207,038
HND-005	Town of Herndon	Herndon Parkway Improvements at Worldgate Drive Extension	17.94	12	\$ 6,536,000	\$ 4,581,000
LDN-024	Loudoun Co	Ryan Road Widening (Phase 2): Evergreen Mills Road to Beaverdam Drive	17.50	13	\$ 31,500,000	\$ 16,000,000
PWC-031	Prince William Co	Construct Interchange at Prince William Parkway and Minnieville Road	13.55	14	\$ 70,000,000	\$ 67,500,000
PWC-030	Prince William Co	Route 1 at Route 123 Interchange	7.37	15	\$ 68,000,000	\$ 61,200,000
LDN-028	Loudoun Co	Loudoun County Parkway Interchange at US 50	6.87	16	\$ 181,152,680	\$ 35,250,000
FFX-128	Fairfax Co	Richmond Highway (Route 1) BRT	5.97	17	\$ 730,000,000	\$ 80,000,000
FFX-125	Fairfax Co	Seven Corners Ring Road Improvements: Arlington Boulevard (Route 50) Westbound Ramp to Castle Place/Sleepy Hollow Road	5.13	18	\$ 94,800,000	\$ 94,800,000
FFX-121	Fairfax Co	Soapstone Drive Extension: Sunset Hills Road to Sunrise Valley Drive	4.65	19	\$ 235,000,000	\$ 73,793,037
PWC-037	Prince William Co	Neabsco Road Improvements - Neabsco Road Widening: Route 1 to Daniel Ludwig Drive	3.85	20	\$ 26,500,000	\$ 26,500,000
FFX-119	Fairfax Co	Frontier Drive Extension and Intersection Improvements	3.79	21	\$ 180,200,000	\$ 145,200,000
ALX-018	City of Alexandria	West End Transitway Phase 1b: South Van Dorn Street and Bridge Design	2.77	22	\$ 40,999,440	\$ 5,000,000
LEE-010	Town of Leesburg	Interchange Improvements at Route 15 Leesburg Bypass and Edwards Ferry Road	1.83	23	\$ 185,074,950	\$ 13,283,839
ARL-021	Arlington Co	Ballston-MU Metrorail Station West Entrance	1.28	24	\$ 150,000,000	\$ 80,000,000
ALX-020	City of Alexandria	Alexandria Bike and Pedestrian Trails Construction and Reconstruction: Holmes Run Trail - Dora Kelly Fair-weather Crossing Bridge	0.20	25	\$ 5,500,000	\$ 5,000,000
CFC-008	City of Falls Church	North Washington Street Multimodal Improvements Project: Great Falls Street to Gresham Place	0.15	26	\$ 22,500,000	\$ 22,500,000

* For consistency in analyses, this project was analyzed without the NVTa-funded RT28 Corridor Improvements (RT28 Bypass) project in the future no-build and build networks.

Northern Virginia Transportation Authority

FY2022-27 Six Year Program Candidate Projects: TransAction Ratings

4/14/2022

Application IDProject Name		Performance Measures										TransAction Rating	TransAction Rating Rank
		Auto PHD Reduction (A1)	Transit PHD Reduction (A2)	Congestion Duration Reduction (B1)	Growth in PMT in Dedicated ROW (B2)	Growth in Total Access (C1)	Growth in Total EEA Access (C2)	Ped-Bike-Transit Environment (D1)	Safety Points (E1)	Emissions Reduction (F1)	Surge PHT Increase (G1)		
Weights		10%	10%	10%	10%	10%	10%	15%	10%	10%	5%	100%	
FFX-126	Fairfax County Parkway Widening (Nomes Court to Route 123)	100.00	25.64	100.00	0.00	100.00	71.35	1.20	46.15	100.00	34.20	56.20	1
FFX-128	Richmond Highway (Route 1) Bus Rapid Transit	24.30	100.00	0.00	100.00	17.73	53.14	29.04	61.54	23.58	42.20	44.50	2
FFX-131	Richmond Highway Widening From Route 235 North to Route 235 South	41.12	36.69	34.33	0.00	36.73	61.33	16.13	92.31	34.41	37.39	37.98	3
PWC-035	Old Centreville Road Widening: Fairfax County Line to Route 28	54.77	17.99	48.72	0.00	69.83	91.48	4.52	30.77	26.01	30.20	36.15	4
LDN-025	Route 7 Improvements	86.05	2.83	87.83	0.00	17.44	0.00	2.42	38.46	68.86	56.16	33.32	5
ALX-018	West End Transitway Phase 1b	0.05	4.82	0.00	2.52	77.65	100.00	45.06	30.77	0.00	47.86	30.73	6
PWC-028	University Boulevard Extension: Devlin Road to Wellington Road	51.12	3.12	49.98	0.00	23.79	19.22	5.05	46.15	48.83	44.68	27.21	7
ARL-021	Ballston-MU Metrorail Station West Entrance	0.00	13.03	0.00	14.70	9.65	48.07	100.00	23.08	0.00	4.55	26.08	8
LDN-023	Northern Virginia ITS/ICM Improvements	67.31	0.00	25.44	0.00	0.00	0.00	2.97	69.23	23.16	22.73	20.10	9
FFX-121	Soapstone Drive Extension	3.80	16.15	27.16	3.11	2.80	0.00	34.77	61.54	4.19	51.11	19.65	10
LEE-010	Interchange Improvements at Route 15 Leesburg Bypass and Edwards Ferry Road	0.64	15.86	0.00	0.00	1.08	7.00	14.12	100.00	2.16	63.61	17.97	11
HND-005	Herndon Parkway Improvements at Worldgate Drive Extension	0.54	0.00	17.49	0.00	0.00	0.00	13.53	76.92	35.36	49.09	17.52	12
PWC-027	Van Buren Road North	30.80	6.66	2.99	0.00	7.94	16.56	6.69	46.15	23.12	54.78	17.16	13
FFX-124	Connector Buses (8 New) - Fairfax Connector Buses for Tysons to Franconia Service	0.00	33.29	35.16	10.60	18.94	32.58	0.00	7.69	0.00	43.34	15.99	14
CFC-008	North Washington Street Multimodal Improvements Project	0.03	0.00	0.00	0.00	0.00	0.00	36.78	69.23	0.00	40.94	14.49	15
PWC-031	Construct Interchange at Prince William Parkway and Minnieville Road	4.40	19.69	0.78	0.00	0.00	3.70	6.57	76.92	0.00	44.37	13.75	16
LDN-028	Loudoun County Parkway Interchange at US 50	6.70	14.59	0.17	0.00	14.00	3.40	4.25	61.54	4.78	32.79	12.80	17
PWC-036	Old Bridge Road Widening: Colby Drive to Minnieville Road	7.33	14.59	8.16	0.00	9.18	8.46	4.09	38.46	7.88	40.18	12.03	18
PWC-030	Route 1 at Route 123 Interchange	2.05	3.54	0.00	0.00	13.47	21.36	5.99	30.77	2.76	52.32	10.91	19
LDN-024	Ryan Road Widening (Phase 2)	2.20	2.12	0.40	0.00	0.10	1.86	2.33	53.85	2.11	53.31	9.28	20
PWC-029	Devlin Road Widening: Linton Hall Road to University Boulevard	6.45	0.28	7.95	0.00	7.32	0.00	3.94	30.77	8.35	46.82	9.04	21
FFX-125	Seven Corners Ring Road Improvements	3.18	3.40	0.41	0.00	0.00	2.58	11.19	38.46	3.57	39.83	8.83	22
FFX-119	Frontier Drive Extension and Intersection Improvements	3.76	2.27	2.41	0.00	1.39	6.61	8.46	30.77	1.08	47.36	8.46	23
MAN-002	Liberia Avenue 3rd Lane Eastbound	2.49	2.83	3.54	0.00	3.36	6.39	6.76	30.77	0.75	35.22	7.79	24
ALX-020	Alexandria Bike and Pedestrian Trails Construction and Reconstruction	0.01	0.00	0.00	0.00	0.10	0.20	12.36	23.08	0.01	43.10	6.35	25
PWC-037	Neabsco Road Improvements	0.00	6.80	0.00	0.00	0.00	1.28	0.00	23.08	0.00	0.00	3.12	26