

Northern Virginia Transportation Authority

FY2020-25 Six Year Program Candidate Projects: Preliminary Quantitative and Qualitative Evaluations

3/4/2020

Application ID#	Jurisdiction / Agency	Project	Primary and supporting modal components	Fund request	Cumulative REQUEST	Total project cost	Supporting resolutions from other jurisdiction/ agency board/ council	Phases for which funds are requested	Funding gap and phases for which there is still a funding gap	Local priority	External funds	Past performance (% of expected funds reimbursed by FY2020 Q2)	Past performance (% of allocated funds reimbursed by FY2020 Q2)	Reimbursement request to active SPA ratio (FY2020 Q2)	First fiscal year of expected drawdown	Year of opening	Long Term Benefit	Other	TransAction project rating (incl. HB 599)	TransAction project rating rank (incl. HB 599)	CRRC rating (Reduction in annual person hours of delay / Total project cost in \$1000's)	CRRC rank	
											Continuation Projects		Jurisdiction/ Agency		Continuation Projects		Jurisdiction/ Agency		Projects		Agency		
CFX-015	City of Fairfax	Jermantown Road/Route 29 Intersection Improvements	🚶 🚲	\$ 700,000	\$ 700,000	\$ 1,400,000	NVTC	PE, ROW, CN	PE, ROW, CN											54.31	29	395.72	1
CFX-014	City of Fairfax	Government Center Parkway Extension	🚶 🚲	\$ 3,540,000	\$ 4,240,000	\$ 7,500,181	FFX, NVTC	ROW, CN												53.25	32	166.47	2
PWC-024	Prince William Co	North Woodbridge Mobility Improvements	🚶 🚲	\$ 8,000,000	\$ 12,240,000	\$ 8,300,000	FFX	PE, ROW, CN												59.60	9	133.20	3
FFX-101	Fairfax Co	Fairfax County Parkway Widening: Lee Highway (Route 29) to Nomies Court*	🚶 🚲	\$ 37,400,000	\$ 49,640,000	\$ 108,160,624		PE, ROW, CN												82.96	2	133.01	4
DMF-003	Town of Dumfries	Widen/Relocate Route 1: Brady's Hill Road to Dumfries Road (Route 234)*	🚶 🚲	\$ 78,000,000	\$ 127,640,000	\$ 129,760,000	PWC	CN												63.64	6	59.05	5
PWC-017	Prince William Co	Prince William Parkway at Clover Hill Road Innovative Intersection*	🚶 🚲	\$ 11,000,000	\$ 138,640,000	\$ 12,900,000		CN												55.06	26	54.14	6
FFX-112	Fairfax Co	Rolling Road Widening from Hunter Village Drive to Old Keene Mill Road*	🚶 🚲	\$ 27,700,000	\$ 166,340,000	\$ 78,965,765		PE, ROW, CN												57.23	20	49.95	7
CFX-010	City of Fairfax	Intersection Improvements at Eaton Place/Chain Bridge Road*	🚶 🚲	\$ 11,600,000	\$ 177,940,000	\$ 22,380,000	NVTC	CN												58.13	14	39.42	8
ALX-014	City of Alexandria	Alexandria Duke Street Transitway*	🚶 🚲	\$ 75,000,000	\$ 252,940,000	\$ 87,555,000	NVTC, WMATA	ROW, CN, Asset Acq											Note A	65.03	5	38.98	9
PWC-016	Prince William Co	Summit School Road Extension and Telegraph Road Widening*	🚶 🚲	\$ 24,000,000	\$ 276,940,000	\$ 35,000,000		CN												63.06	7	37.08	10
CFX-011	City of Fairfax	Old Lee Highway Multimodal Improvements*	🚶 🚲	\$ 8,000,000	\$ 284,940,000	\$ 25,000,000	NVTC	CN												58.22	13	32.96	11
PWC-015	Prince William Co	Construct Route 28 Corridor Roadway Improvements*	🚶 🚲	\$ 50,000,000	\$ 334,940,000	\$ 306,000,000	FFX, CMA, CMP	CN	ROW, CN											72.96	4	30.26	12
LDN-016	Loudoun Co	Construct Crosstrail Boulevard (Route 653): Sycolin Road to Dulles Greenway (Route 267)	🚶 🚲	\$ 36,700,000	\$ 371,640,000	\$ 42,940,000		CN												50.48	40	29.39	13
ARL-015	Arlington Co	Rosslyn Multimodal Network Improvements	🚶 🚲	\$ 11,874,000	\$ 383,514,000	\$ 11,874,000		PE, ROW, CN												58.51	12	28.78	14
LDN-019	Loudoun Co	Evergreen Mills Road Widening from Northstar Boulevard to Stone Springs Boulevard	🚶 🚲	\$ 18,000,000	\$ 401,514,000	\$ 35,500,000		PE, ROW, CN												53.05	35	25.41	15
VRE-011	VRE	VRE Crystal City Station Improvements*	🚶 🚲	\$ 15,800,000	\$ 417,314,000	\$ 49,940,000	ARL, NVTC, PRTC	CN												57.62	17	23.86	16
CFC-006	City of Falls Church	West Falls Church Access to Transit and Multimodal Connectivity	🚶 🚲	\$ 6,900,000	\$ 424,214,000	\$ 6,900,000	FFX, NOV	PE, ROW, CN												54.81	27	23.48	17
NOV-002	NOVA Parks	Arlington W&OD Trail Enhancements	🚶 🚲	\$ 5,646,000	\$ 429,860,000	\$ 5,646,000	ARL	PE, CN												53.16	34	23.35	18
CFC-005	City of Falls Church	Downtown Falls Church Multimodal Improvements	🚶 🚲	\$ 8,300,000	\$ 438,160,000	\$ 10,540,000		ROW, CN												56.18	24	20.78	19
FFX-098	Fairfax Co	Richmond Highway (Route 1) BRT*	🚶 🚲	\$ 71,000,000	\$ 509,160,000	\$ 730,000,000	PWC, NVTC, WMATA	PE, ROW, CN	ROW, CN										Note B	90.00	1	19.02	20
CFX-013	City of Fairfax	Roadway Network Northfax West*	🚶 🚲	\$ 2,400,000	\$ 511,560,000	\$ 9,600,000	NVTC	ROW, CN	ROW											57.73	16	17.50	21
VRE-013	VRE	VRE Woodbridge Station Improvements	🚶 🚲	\$ 2,210,000	\$ 513,770,000	\$ 29,710,000	PWC, NVTC, PRTC	PE	CN											58.67	11	14.63	22
PWC-025	Prince William Co	Van Buren Road North Extension: Route 234 to Cardinal Drive	🚶 🚲	\$ 8,000,000	\$ 521,770,000	\$ 80,000,000		PE	ROW, CN											54.06	30	14.19	23
RPT-002	DRPT	Franconia-Springfield Passenger Rail Bypass	🚶 🚲	\$ 100,000,000	\$ 621,770,000	\$ 334,223,132		CN												60.37	8	13.52	24
FFX-108	Fairfax Co	Richmond Highway Widening From Route 235 North to Route 235 South*	🚶 🚲	\$ 183,700,000	\$ 805,470,000	\$ 372,000,000	PWC, NVTC	ROW, CN											Note C	79.93	3	13.48	25
VIE-003	Town of Vienna	Vienna Regional Bikesharing	🚶 🚲	\$ 282,400	\$ 805,752,400	\$ 282,400	FFX	PE, CN, Asset Acq												51.28	39	11.24	26
PWC-018	Prince William Co	Devlin Road Widening: Linton Hall Road to Relocated Balls Ford Road	🚶 🚲	\$ 6,800,000	\$ 812,552,400	\$ 48,800,000		PE	ROW, CN											51.40	38	10.97	27
LDN-018	Loudoun Co	Braddock Road Widening from Paul VI H.S. to Bull Run Office Post Office Road	🚶 🚲	\$ 30,000,000	\$ 842,552,400	\$ 60,000,000		PE, ROW, CN												55.22	25	9.85	28
FFX-106	Fairfax Co	Soapstone Drive Extension: Sunset Hills Road to Sunrise Valley Drive	🚶 🚲	\$ 69,000,000	\$ 911,552,400	\$ 214,000,000		PE, ROW, CN												57.41	19	8.86	29
PWC-020	Prince William Co	Prince William Parkway at Old Bridge Road Intersection Improvements	🚶 🚲	\$ 30,000,000	\$ 941,552,400	\$ 30,000,000		PE, ROW, CN												52.08	37	8.43	30
LDN-017	Loudoun Co	Belmont Ridge Road Widening: Shreveport Drive to Evergreen Mills Road	🚶 🚲	\$ 11,899,000	\$ 953,451,400	\$ 24,310,000		CN												52.99	36	7.44	31
ARL-019	Arlington Co	Ballston-MU Metrorail Station West Entrance*	🚶 🚲	\$ 33,510,000	\$ 986,961,400	\$ 130,000,000	NVTC	CN	CN										Note D	57.22	21	7.33	32
FFX-103	Fairfax Co	Frontier Drive Extension and Intersection Improvements*	🚶 🚲	\$ 105,000,000	\$ 1,091,961,400	\$ 140,000,000	NVTC	ROW, CN												56.34	22	6.81	33
PWC-023	Prince William Co	University Boulevard Extension: Devlin Road to Wellington Road	🚶 🚲	\$ 26,500,000	\$ 1,118,461,400	\$ 43,000,000		CN												53.51	31	6.52	34
ARL-014	Arlington Co	CC2DCA Intermodal Connector: From Crystal City to Ronald Reagan Washington National Airport	🚶 🚲	\$ 18,000,000	\$ 1,136,461,400	\$ 36,177,000	NVTC	PE, CN												56.31	23	6.33	35
LEE-008	Town of Leesburg	Interchange Improvements at Route 15 Leesburg Bypass and Edwards Ferry Road*	🚶 🚲	\$ 116,564,678	\$ 1,253,026,078	\$ 127,800,000		ROW, CN												50.00	41	3.85	36
FFX-104	Fairfax Co	Braddock Road Corridor and Intersection Improvements: Guinea Road to Ravensworth Road	🚶 🚲	\$ 79,000,000	\$ 1,332,026,078	\$ 86,283,356		PE, ROW, CN												58.69	10	2.70	37
PWC-022	Prince William Co	Wellington Road Widening: University Boulevard to Devlin Road	🚶 🚲	\$ 6,000,000	\$ 1,338,026,078	\$ 51,500,000		PE	ROW, CN											53.24	33	2.01	38
ARL-017	Arlington Co	Arlington National Cemetery Wall Trail	🚶 🚲	\$ 2,000,000	\$ 1,340,026,078	\$ 18,000,000		PE	CN											57.44	18	1.58	39
PWC-019	Prince William Co	Route 234 and Sudley Manor Drive Interchange	🚶 🚲	\$ 10,000,000	\$ 1,350,026,078	\$ 150,000,000		PE	ROW, CN											57.94	15	1.07	40
FFX-114	Fairfax Co	Seven Corners Ring Road Improvements	🚶 🚲	\$ 94,800,000	\$ 1,444,826,078	\$ 94,800,000	CFC	PE, ROW, CN												54.51	28	0.36	41
41 applications 13 applicants				TOTAL			\$ 1,444,826,078 \$ 1,444,826,078 \$ 3,796,747,458			Average performance of all applications													

* Continuation project: This project has received NVTA funding in previous cycle(s)

Modal Components

- 🚶 New or improved pedestrian path/trail
- 🚲 New or improved bicycle lane/path
- 🚗 New or improved bus/BRT facility
- 🚊 Improvement/Access to Metrorail/VRE Commuter Rail
- 🚏 Access to Park-and-Ride facility
- 📶 Transportation technology
- 🚦 New or improved intersection/interchange
- 🛣️ New roadway capacity and/or alignment

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

- Notes**
- A Future phase 2 will include dedicated transit lanes along the entirety of the corridor.
 - B FFX-108 Richmond Highway Widening is a prerequisite for this project
 - C Prerequisite for FFX-098 Richmond Highway BRT
 - D Project cannot be implemented without WMATA's active involvement

Jurisdictions/ Agencies

- ARL Arlington Co
- FFX Fairfax Co
- LDN Loudoun Co
- PWC Prince William Co
- ALX City of Alexandria
- CFX City of Fairfax
- CFC City of Falls Church
- DMF Town of Dumfries
- LEE Town of Leesburg
- VIE Town of Vienna
- NOV NOVA Parks
- VRE Virginia Railway Express
- RPT VA Department of Rail and Public Transportation

Funding Gap
(Higher of % or \$)

- Very high Gap> 80% or >100M
- High Gap= >60-80% or >50-100M
- Medium Gap= >40-60% or >10-50M
- Low Gap= >20-40% or >1-10M
- Very low Gap= >0-20% or upto 1M
- None 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

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	Ratio	Ratio	Prior to FY24	FY24-25	Less than	% share of revenue	
None	Top 3	Very high	> 100%	> 100%	> 100%	> 100%	> 4	> 4	Prior to FY24	FY24-25	Less than	
Very low	Next 3	High	>80-100%	>80-100%	>80-100%	>80-100%	>3 to 4	>3 to 4	FY24	FY26-27		
Low	All others	Medium	>60-80%	>60-80%	>60-80%	>60-80%	>2 to 3	>2 to 3	FY25	FY28-29		
Medium		Low	>40-60%	>40-60%	>40-60%	>40-60%	>1 to 2	>1 to 2		FY30-31	Approx. equal to % share of revenue	
High		Very low	>20-40%	>20-40%	>20-40%	>20-40%	>0 to 1	>0 to 1				
Very high		None	0-20%	0-20%	0-20%	0	0				Greater than % share of revenue	
			N/A	N/A	N/A	N/A	N/A	N/A			N/A	

Anticipated next three SYP updates:

Call	Adoption
6 / 2021	6 / 2022
6 / 2023	6 / 2024
6 / 2025	6 / 2026