

Northern Virginia Transportation Authority
 FY2018-23 Six Year Program Candidate Projects: Preliminary Quantitative and Qualitative Evaluations

DRAFT 3/26/2018

Project ID#	Jurisdiction / Agency	Project	Fund request	Cumulative request	Phases for which funds are requested	Phases for which there is still a funding gap	Past performance (% reimbursed by FY18 Q2)		External funds	Local priority	First fiscal year of expected drawdown	Year of opening	Impact on Metrorail / VRE core / system improvements	Primary and supporting modal components	Other	TransAction project rating rank (HB 599)	CRRC rank
							Continuation projects	Jurisdictional level									
2018-041-0	City of Alexandria	Alexandria ITS Projects	\$ 1,195,491	\$ 1,195,491	Des, CN									 			1
2018-042-1	City of Alexandria	Alexandria Bus Network ITS	\$ 150,000	\$ 1,345,491	CapAsset, Other									 			2
2018-005-0	Arlington County	Intelligent Transportation System Improvements	\$ 10,000,000	\$ 11,345,491	CN									   			3
2018-019-0	Fairfax County	Route 28 Widening (Northbound from Route 50 to McLearen Road)	\$ 19,000,000	\$ 30,345,491	CN												4
2018-024-0	Loudoun County	Route 28 Northbound Widening—between the Dulles Toll Road and Sterling Boulevard	\$ 20,000,000	\$ 50,345,491	CN									 			5
2018-060-0	WMATA	Metrorail Automatic Train Control (ATC) Power Rehabilitation and Wayside Communications Upgrades	\$ 94,572,577	\$ 144,918,068	Des, CN, Other-Admin	Des, CN, Other (DC / MD)									See Note A		6
2018-021-0	Loudoun County	Route 15 Bypass Widening: Battlefield Parkway to Montresor Road	\$ 54,000,000	\$ 198,918,068	ROW, CN									   			7
2018-046-0	City of Fairfax	Jermantown Road Corridor Improvements Project	\$ 26,000,000	\$ 224,918,068	Des, ROW, CN									   			8
2018-015-0	Fairfax County	Route 29 Widening Project, Phase II (Union Mill Road to Buckley's Gate Drive)	\$ 7,600,000	\$ 232,518,068	ROW									   			9
2018-030-3	Prince William County	RT28 corridor improvements (Fitzwater Dr to Pennsylvania Ave)	\$ 15,000,000	\$ 247,518,068	CN									 			10
2018-023-0	Loudoun County	Extend Shellhorn Road: Loudoun County Parkway (Route 607) to Randolph Drive (Route 1072)	\$ 16,000,000	\$ 263,518,068	ROW, Utility									   			11
2018-017-0	Fairfax County	Rock Hill Road Bridge	\$ 100,000,000	\$ 363,518,068	Des, ROW, CN									 	See Note B		12
2018-014-1	Fairfax County	Rolling Road Widening: Hunter Village Drive to Old Keene Mill Road	\$ 11,111,000	\$ 374,629,068	ROW, CN									   			13
2018-010-2	Fairfax County	Route 28 Widening: Route 29 to Prince William County Line	\$ 38,270,000	\$ 412,899,068	CN	CN								   	See Note C		14
2018-053-1	Town of Dumfries	Widen Route 1 (Fraleigh Blvd) to six lanes between Brady's Hill Rd and Dumfries Rd (RT234)	\$ 116,554,000	\$ 529,453,068	ROW, CN									 			15
2018-016-2	Fairfax County	Fairfax County Parkway Widening from Ox Road to Lee Highway includes a grade separated interchange at the intersection of Popes Head Road	\$ 67,000,000	\$ 596,453,068	ROW, CN	CN								   			16
2018-039-0	Prince William County	Construct Interchange at Prince William Parkway and Clover Hill Road	\$ 12,900,000	\$ 609,353,068	Des, ROW, CN									  			17
2018-022-0	Loudoun County	Northstar Boulevard - Shreveport Drive to Tall Cedars Parkway	\$ 89,805,000	\$ 699,158,068	ROW, CN									   			18
2018-026-0	Loudoun County	Prentice Drive Extension: Lockridge Road (Route 789) to Shellhorn Road (Route 643)	\$ 76,230,000	\$ 775,388,068	ROW, CN, Utility									   			19
2018-062-0	NOVA Parks	Falls Church Enhanced Regional Bike Routes (W&OD)	\$ 3,793,209	\$ 779,181,277	Des, CN												20
2018-028-0	Loudoun County	Dulles West Boulevard Widening: Loudoun County Parkway to Northstar Boulevard	\$ 47,800,000	\$ 826,981,277	Des, ROW, CN, Utility									   			21
2018-043-0	City of Alexandria	DASH Transit Service Enhancements and Expansion	\$ 11,933,161	\$ 838,914,438	Des, CN, CapAsset, Other-Contin												22
2018-054-2	Town of Leesburg	Construct Interchange at Route 7 and Battlefield Parkway	\$ 25,000,000	\$ 863,914,438	CN									  			23
2018-040-1	City of Alexandria	West End Transitway: Northern Segment (Phase 1)	\$ 60,750,000	\$ 924,664,438	ROW, CN, CapAsset, Other-Admin	ROW, CN								    			24
2018-007-0	Fairfax County	Richmond Highway Bus Rapid Transit - Phases I & II	\$ 250,000,000	\$ 1,174,664,438	Des, ROW, CN	ROW, CN, CapAsset								    	See Note D		25
2018-006-1	Fairfax County	Route 1 Widening (Mount Vernon Memorial Highway to Napper Road)	\$ 127,000,000	\$ 1,301,664,438	Des, ROW, CN	ROW, CN								    			26
2018-020-0	Fairfax County	Shirley Gate Road Extension: Braddock Road to Fairfax County Parkway	\$ 42,000,000	\$ 1,343,664,438	ROW, CN	CN								 	See Note E		27
2018-035-0	Prince William County	Construct Interchange at Prince William Parkway and University Boulevard	\$ 24,200,000	\$ 1,367,864,438	Des, ROW, CN									  			28
2018-031-1	Prince William County	Route 28 Corridor Feasibility Study - Environmental Impact Statement (City of Manassas to Fairfax County)	\$ 3,500,000	\$ 1,371,364,438	Other - EIS									 			29
2018-032-1	Prince William County	Construct Route 28 Corridor Roadway Improvements	\$ 145,000,000	\$ 1,516,364,438	Des, ROW, CN	CN								 			30
2018-047-0	City of Fairfax	Intersection Improvements at Eaton Place/Chain Bridge Road	\$ 10,750,000	\$ 1,527,114,438	Des, ROW, CN									  			31
2018-027-0	Loudoun County	Route 9 Traffic Calming	\$ 12,112,000	\$ 1,539,226,438	Des, ROW, CN, Utility									  	See Note F		32
2018-052-0	City of Falls Church	North Washington Street Multimodal Transportation Project	\$ 14,500,000	\$ 1,553,726,438	Des, ROW, CN, Other-Contin									   			33
2018-050-0	City of Fairfax	City of Fairfax Bike Share Implementation	\$ 1,159,000	\$ 1,554,885,438	CN												34
2018-045-2	City of Alexandria	Alexandria Duke St Transitway	\$ 12,000,000	\$ 1,566,885,438	Des	ROW, CN, CapAsset								    			35
2018-057-0	Town of Vienna	Mill St NE Parking Garage	\$ 2,300,000	\$ 1,569,185,438	CapAsset									 			36
2018-012-0	Fairfax County	Richmond Highway (Route 1)/CSX Underpass Widening	\$ 12,000,000	\$ 1,581,185,438	CN									   			37
2018-008-0	Fairfax County	Soapstone Drive Extension: Extend Soapstone Drive over Route 267 (DTR) to Sunset Hills Road	\$ 132,060,000	\$ 1,713,245,438	ROW, CN	ROW, CN								 			38
2018-034-0	Prince William County	Construct Interchange at Route 234 and Brentsville Road	\$ 54,900,000	\$ 1,768,145,438	Des, ROW, CN									  			39
2018-056-0	Town of Leesburg	Construct Interchange at Route 15 Bypass and Battlefield Parkway	\$ 2,000,000	\$ 1,770,145,438	Design	Des, ROW, CN											40
2018-004-0	Arlington County	Pentagon City Multimodal Connections and Transitway Extension	\$ 28,850,000	\$ 1,798,995,438	Des, CN	ROW, CN								   			41
2018-049-0	City of Fairfax	Roadway Network Northfax West	\$ 2,500,000	\$ 1,801,495,438	Des, ROW, CN	Des, ROW, CN								   			42
2018-058-1	VRE	VRE Crystal City Station Improvements	\$ 4,000,000	\$ 1,805,495,438	Des	ROW, CN								 			43
2018-009-1	Fairfax County	Frontier Drive Extension and Intersection Improvements	\$ 79,500,000	\$ 1,884,995,438	ROW, CN	CN								    			44

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2018-029-0	Loudoun County	Evergreen Mills Road Intersection Realignments – Watson Road and Reservoir Road	\$ 14,000,000	\$ 1,898,995,438	Des, ROW, CN, Utility												45
2018-044-0	City of Alexandria	Alexandria Bike and Pedestrian Trails and Reconstruction	\$ 2,200,000	\$ 1,901,195,438	Des, ROW	ROW, CN, Other								🚶 🚲 🚌 🚏 📶			46
2018-018-0	Fairfax County	Dulles Toll Road - Town Center Parkway Underpass	\$ 17,000,000	\$ 1,918,195,438	Des	ROW, CN								🚶 🚲			47
2018-002-1	Arlington County	Ballston-MU Metrorail Station West Entrance	\$ 72,316,000	\$ 1,990,511,438	Des, ROW, CN, CapAsset	CN								🚇			48
2018-038-0	Prince William County	Devlin Road Widening: Wellington Road to Linton Hall Road	\$ 26,050,000	\$ 2,016,561,438	Des, ROW, CN									🚶 🚲			49
2018-051-0	City of Falls Church	West Falls Church & Joint Campus Revitalization District Multimodal Transportation Project	\$ 15,700,000	\$ 2,032,261,438	Des, ROW, CN, Other-Contin									🚶 🚲 🚌 🚏			50
2018-037-0	Prince William County	Construct University Boulevard (Progress Court to Devlin Road) – Phase I	\$ 28,500,000	\$ 2,060,761,438	Des, ROW, CN									🚶 🚲 🚶 🚲			51
2018-036-0	Prince William County	Summit School Rd Extension and Telegraph Rd Widening	\$ 38,700,000	\$ 2,099,461,438	Des, ROW, CN									🚶 🚲 🚶 🚲			52
2018-025-0	Loudoun County	Evergreen Mills Road Widening: Loudoun County Parkway to Northstar Boulevard	\$ 46,092,000	\$ 2,145,553,438	Des, CN, Utility									🚶 🚲 🚶 🚲			53
2018-048-0	City of Fairfax	Old Lee Highway Multimodal Improvements Phase 1	\$ 5,000,000	\$ 2,150,553,438	ROW, CN	CN								🚶 🚲 🚌			54
2018-011-0	Fairfax County	Braddock Road Intersection Improvements: Guinea Road to Ravensworth Road	\$ 52,400,000	\$ 2,202,953,438	Des, ROW, CN	CN								🚶 🚲 🚶 🚲			55
2018-033-0	Prince William County	Construct Interchange at Route 234 and Sudley Manor Drive	\$ 80,600,000	\$ 2,283,553,438	Des, ROW, CN									🚶 🚲			56
2018-001-0	Arlington County	ART Operations and Maintenance Facilities	\$ 55,459,000	\$ 2,339,012,438	Des, ROW, CN, CapAsset	Des, CN, CapAsset								🚇			57
2018-059-0	VRE	VRE Woodbridge Station and Occoquan Third Track Improvements	\$ 27,500,000	\$ 2,366,512,438	Des	CN								🚇			58
2018-003-0	Arlington County	Crystal City Metrorail Station East Entrance and Intermodal Connections	\$ 87,000,000	\$ 2,453,512,438	CN	Des								🚇 🚌			59
2018-055-2	Town of Leesburg	Interchange Improvements at Route 15 Leesburg Bypass and Edwards Ferry Road	\$ 105,700,000	\$ 2,559,212,438	Des, ROW, CN									🚶			60
2018-013-0	Fairfax County	Seven Corners Ring Road Improvements Phase 1 A, Segment A	\$ 5,500,000	\$ 2,564,712,438	Des	ROW, CN								🚶 🚲			61
2018-061-0	WMATA	Blue/Orange/Silver Corridor Capacity and Reliability Improvements/"New Blue Line" Alternatives Analysis and Project Development	\$ 2,000,000	\$ 2,566,712,438	Study									🚇	See Note A		See Note G

Notes

- A** Supporting resolutions provided by Arlington Co, Fairfax Co, and City of Alexandria among the WMATA-compact jurisdictions
- B** There is no supporting resolution from Loudoun County though the project is partially in Loudoun County
- C** SYP application is for widening from 4 to 8 lanes while the project in TransAction is for widening to 6 lanes. Fairfax County will bear the cost of widening from 6 to 8 lanes. The total cost of widening to 6 lanes has been derived from detailed cost calculations provided by the County.
- D** Phase II cannot be implemented without completing project 2018-006-1 Route 1 Widening. Phase I is expected to be open by 2026 while Phase II by 2028.
- E** Project cannot be completed before project 2018-016-2 Fairfax County Parkway Widening and Popes Head Interchange
- F** There will be overall project cost & time savings if SYP funds allocated
- G** CRRC has not been calculated for project #2018-061-0 (WMATA's BL/OR/SV Alternate Analysis). Since this project is a study, there is insufficient information on which to base a meaningful CRRC.

Other Anticipated next three SYP updates:
 12 / 2019 FY2020
 12 / 2021 FY2022
 12 / 2023 FY2024

% drawn down of expected drawdown % drawn down of expected drawdown See definition below

	>66.67%	>66.67%	High	Top 3	FY18-20	FY18-20	Yes
	33.33-66.67%	33.33-66.67%	Medium	Next 3	FY21-23	FY21-23	
	<33.33%	<33.33%	Low	All others	>FY23	>FY23	
	N/A	N/A					None

External Funds

- High Non-NVTA>50% or >10M
- Medium Non-NVTA<50% or <10M
- Low No external funds

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 🛣️

The first symbol reflects the primary modal component, other symbols denote additional modal components, as identified in the project application