

## FY2018-23 Six Year Program Candidate Projects: Congestion Reduction Relative to Cost (CRRC) Ratios

Reference #	Jurisdiction / Agency	Project	Fund request	Total project cost	CRRC (Reduction in annual person hours of delay / Total project cost in \$1000's)
2018-001-0	Arlington County	ART Operations and Maintenance Facilities	\$ 55,459,000	\$ 98,487,000	1.44
2018-002-1	Arlington County	Ballston-MU Metrorail Station West Entrance	\$ 72,316,000	\$ 130,073,000	5.60
2018-003-0	Arlington County	Crystal City Metrorail Station East Entrance and Intermodal Connections	\$ 87,000,000	\$ 90,140,000	1.13
2018-004-0	Arlington County	Pentagon City Multimodal Connections and Transitway Extension	\$ 28,850,000	\$ 46,665,000	10.34
2018-005-0	Arlington County	Intelligent Transportation System Improvements	\$ 10,000,000	\$ 10,000,000	822.22
2018-006-1	Fairfax County	Route 1 Widening (Mount Vernon Memorial Highway to Napper Road)	\$ 127,000,000	\$ 215,000,000	26.48
2018-007-0	Fairfax County	Richmond Highway Bus Rapid Transit - Phases I & II	\$ 250,000,000	\$ 544,800,000	28.58
2018-008-0	Fairfax County	Soapstone Drive Extension: Extend Soapstone Drive over Route 267 (Dulles Toll Road) to Sunset Hills Road	\$ 132,060,000	\$ 169,240,000	9.25
2018-009-1	Fairfax County	Frontier Drive Extension and Intersection Improvements	\$ 79,500,000	\$ 116,070,000	8.43
2018-010-2	Fairfax County	Route 28 Widening: Route 29 to Prince William County Line *	\$ 38,270,000	\$ 83,414,728	77.88
2018-011-0	Fairfax County	Braddock Road Intersection Improvements: Guinea Road to Ravensworth Road	\$ 52,400,000	\$ 69,800,000	3.01
2018-012-0	Fairfax County	Richmond Highway (Route 1)/CSX Underpass Widening	\$ 12,000,000	\$ 56,000,000	13.87
2018-013-0	Fairfax County	Seven Corners Ring Road Improvements Phase 1 A, Segment A	\$ 5,500,000	\$ 75,000,000	0.19
2018-014-1	Fairfax County	Rolling Road Widening: Hunter Village Drive to Old Keene Mill Road	\$ 11,111,000	\$ 51,600,000	79.73
2018-015-0	Fairfax County	Route 29 Widening Project, Phase II (Union Mill Road to Buckley's Gate Drive)	\$ 7,600,000	\$ 67,000,000	97.51
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	\$ 191,300,000	73.05
2018-017-0	Fairfax County	Rock Hill Road Bridge	\$ 100,000,000	\$ 100,000,000	67.25
2018-018-0	Fairfax County	Dulles Toll Road - Town Center Parkway Underpass	\$ 17,000,000	\$ 168,980,000	5.35
2018-019-0	Fairfax County	Route 28 Widening (Northbound from Route 50 to McLearen Road)	\$ 19,000,000	\$ 21,068,000	466.23
2018-020-0	Fairfax County	Shirley Gate Road Extension: Braddock Road to Fairfax County Parkway	\$ 42,000,000	\$ 50,980,000	21.62
2018-021-0	Loudoun County	Route 15 Bypass Widening: Battlefield Parkway to Montresor Road	\$ 54,000,000	\$ 81,163,683	106.63
2018-022-0	Loudoun County	Northstar Boulevard - Shreveport Drive to Tall Cedars Parkway	\$ 89,805,000	\$ 135,180,000	65.39
2018-023-0	Loudoun County	Extend Shellhorn Road: Loudoun County Parkway (Route 607) to Randolph Drive (Route 1072)	\$ 16,000,000	\$ 126,750,000	80.15
2018-024-0	Loudoun County	Route 28 Northbound Widening –between the Dulles Toll Road and Sterling Boulevard	\$ 20,000,000	\$ 23,508,200	216.70
2018-025-0	Loudoun County	Evergreen Mills Road Widening: Loudoun County Parkway to Northstar Boulevard	\$ 46,092,000	\$ 68,885,000	2.98
2018-026-0	Loudoun County	Prentice Drive Extension: Lockridge Road (Route 789) to Shellhorn Road (Route 643)	\$ 76,230,000	\$ 102,325,000	46.19
2018-027-0	Loudoun County	Route 9 Traffic Calming	\$ 12,112,000	\$ 22,206,000	16.01
2018-028-0	Loudoun County	Dulles West Boulevard Widening: Loudoun County Parkway to Northstar Boulevard	\$ 47,800,000	\$ 59,314,000	30.01
2018-029-0	Loudoun County	Evergreen Mills Road Intersection Realignments – Watson Road and Reservoir Road	\$ 14,000,000	\$ 14,000,000	6.02
2018-030-3	Prince William County	RT28 corridor improvements (Fitzwater Dr to Pennsylvania Ave)	\$ 15,000,000	\$ 70,900,000	71.22
2018-031-1	Prince William County	Route 28 Corridor Feasibility Study - Environmental Impact Statement (City of Manassas to Fairfax County)	\$ 3,500,000	\$ 5,100,000	21.13
2018-032-1	Prince William County	Construct Route 28 Corridor Roadway Improvements	\$ 145,000,000	\$ 228,000,000	21.13
2018-033-0	Prince William County	Construct Interchange at Route 234 and Sudley Manor Drive	\$ 80,600,000	\$ 80,600,000	2.84
2018-034-0	Prince William County	Construct Interchange at Route 234 and Brentsville Road	\$ 54,900,000	\$ 54,900,000	13.77
2018-035-0	Prince William County	Construct Interchange at Prince William Parkway and University Boulevard	\$ 24,200,000	\$ 24,200,000	17.57
2018-036-0	Prince William County	Summit School Rd Extension and Telegraph Rd Widening	\$ 38,700,000	\$ 38,700,000	3.03
2018-037-0	Prince William County	Construct University Boulevard (Progress Court to Devlin Road) – Phase I	\$ 28,500,000	\$ 28,500,000	4.82
2018-038-0	Prince William County	Devlin Road Widening: Wellington Road to Linton Hall Road	\$ 26,050,000	\$ 26,050,000	4.04
2018-039-0	Prince William County	Construct Interchange at Prince William Parkway and Clover Hill Road	\$ 12,900,000	\$ 12,900,000	72.84
2018-040-1	City of Alexandria	West End Transitway: Northern Segment (Phase 1)	\$ 60,750,000	\$ 128,151,000	23.73
2018-041-0	City of Alexandria	Alexandria ITS Projects	\$ 1,195,491	\$ 1,195,491	5520.61
2018-042-1	City of Alexandria	Alexandria Bus Network ITS	\$ 150,000	\$ 150,000	5144.53
2018-043-0	City of Alexandria	DASH Transit Service Enhancements and Expansion	\$ 11,933,161	\$ 23,068,161	33.70
2018-044-0	City of Alexandria	Alexandria Bike and Pedestrian Trails and Reconstruction	\$ 2,200,000	\$ 11,630,000	6.88
2018-045-2	City of Alexandria	Alexandria Duke St Transitway	\$ 12,000,000	\$ 115,050,000	17.07
2018-046-0	City of Fairfax	Jermantown Road Corridor Improvements	\$ 26,000,000	\$ 26,200,000	108.75
2018-047-0	City of Fairfax	Intersection Improvements at Eaton Place/Chain Bridge Road	\$ 10,750,000	\$ 10,850,000	19.76
2018-048-0	City of Fairfax	Old Lee Highway Multimodal Improvements Phase 1	\$ 5,000,000	\$ 14,000,000	1.83
2018-049-0	City of Fairfax	Roadway Network Northfax West	\$ 2,500,000	\$ 5,000,000	10.78
2018-050-0	City of Fairfax	City of Fairfax Bike Share Implementation	\$ 1,159,000	\$ 1,159,000	12.56
2018-051-0	City of Falls Church	West Falls Church & Joint Campus Revitalization District Multimodal Transportation Project	\$ 15,700,000	\$ 15,700,000	5.01
2018-052-0	City of Falls Church	North Washington Street Multimodal Transportation Project	\$ 14,500,000	\$ 14,500,000	16.93
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	\$ 123,954,000	56.15
2018-054-2	Town of Leesburg	Construct Interchange at Route 7 and Battlefield Parkway	\$ 25,000,000	\$ 58,000,000	30.70
2018-055-2	Town of Leesburg	Interchange Improvements at Route 15 Leesburg Bypass and Edwards Ferry Road	\$ 105,700,000	\$ 112,000,000	1.41
2018-056-0	Town of Leesburg	Construct Interchange at Route 15 Bypass and Battlefield Parkway	\$ 2,000,000	\$ 60,000,000	10.58
2018-057-0	Town of Vienna	Mill St NE Parking Garage	\$ 2,300,000	\$ 4,600,000	13.85
2018-058-1	VRE	VRE Crystal City Station Improvements	\$ 4,000,000	\$ 41,810,000	6.92
2018-059-0	VRE	VRE Woodbridge Station and Occoquan Third Track Improvements	\$ 27,500,000	\$ 230,000,000	1.03
2018-062-0	NOVA Parks	Falls Church Enhanced Regional Bike Routes (W&OD)	\$ 3,793,209	\$ 3,793,209	34.18

\* Fairfax County project 2018-010-2 was evaluated as a six-lane widening (instead of an eight-lane widening) in order to be consistent with TransAction. Consequently, a lower project cost (\$83,414,728) was used to calculate the CRRC ratio for project 2018-010-2 than that originally submitted by Fairfax County (\$91,100,000).