

NORTHERN VIRGINIA TRANSPORTATION AUTHORITY

MEMORANDUM

TO: Members, Northern Virginia Transportation Authority

FROM: Monica Backmon, Executive Director

DATE: April 4, 2018

SUBJECT: Authorize the Release of the List of Candidate Projects for the FY 2018-2023 Six Year Program and Related Information for Public Comment

1. **Purpose.** To seek Northern Virginia Transportation Authority (NVTa) authorization to release the List of Candidate Projects for the FY 2018-2023 Six Year Program and Related Information for Public Comment. The public is invited to provide comments on these projects during the public comment period, from Friday, April 13, 2018 to midnight on Sunday, May 20, 2018.
2. **Suggested Motion:** I move authorization of the release of the List of Candidate Projects for the FY 2018-2023 Six Year Program and Related Information for Public Comment.
3. **Background.** The Planning and Programming Committee (PPC) and the Planning Coordination Advisory Committee (PCAC) met separately on March 28, 2018. Each committee received a briefing on the preliminary evaluations of the 62 candidate regional transportation projects for the FY2018-23 Six Year Program. Since those meetings, NVTa staff has completed these evaluations, with minor updates.

Given the ongoing uncertainty regarding the Authority's future revenue streams, the PPC took action to request that the Executive Director review the current schedule for the development of the FY 2018-2023 Six Year Program, and provide the Authority with a recommendation on the path forward. That recommendation is to continue with the current schedule for public comment and the public hearing, but without any project funding recommendations.

4. **Information to be Released.** The information to be released will be posted to the NVTa website on April 13, 2018, and will also be available for review at the NVTa offices during normal business hours throughout the public comment period.

While we are seeking public comment and feedback on the 62 projects, due to the ongoing uncertainty regarding the Authority's future revenue streams, it is premature for the Authority to make any project funding recommendations for the Six Year Program at this time. Consequently, the information to be released (see attachment) is intended to provide the

public with sufficient information to describe all the candidate regional transportation projects and their relative performance, including:

- a. Project list and map;
- b. Individual project description forms (not included as attachment but available at Authority meeting); and
- c. Two-page summary of quantitative and qualitative analysis, including project ratings and associated ranks.

5. Making Comments. The primary methods to make public comments are noted below:

- a. Send an email to SYPcomment@TheNoVaAuthority.org during the public comment period. Written comments may be mailed or hand-delivered to NVTa but must be delivered (not postmarked) during the public comment period.
- b. Testifying in person at the NVTa Public Hearing on May 10, 2018.

All comments received will be treated with equal weight, regardless of the method by which they are made. Identical comments made in duplicate, e.g. via testimony and by email, will only be considered as a single comment.

6. Public Engagement. In addition, the NVTa Open House and Public Hearing previously approved for May 10, 2018, NVTa staff will support optional local jurisdiction briefings and Town Hall meetings scheduled during the public comment period, subject to availability.

NVTa staff is also scheduling four pop-up events throughout the region on consecutive Saturdays during the public comment period. The purpose of these events is to raise awareness of the candidate regional transportation projects, and to encourage participation in the public comment process. The events are tentatively scheduled as follows:

- a. April 14, location inside the Beltway
- b. April 21, location in Loudoun County
- c. April 28, location in Vienna/Fairfax County
- d. May 5, location in Manassas/Prince William County

7. Next steps. Following the conclusion of the public comment period, NVTa staff will summarize all comments and share with the Planning and Programming Committee, Planning Coordination Advisory Committee, Technical Advisory Committee and the Regional Jurisdictional and Agency Committee and present recommendations regarding projects to be included in the Six Year Program, and associated project funding levels.

June 14, 2018 is the anticipated adoption date of the FY2018-23 Six Year Program, although this may be postponed until such time as the uncertainty regarding the Authority's future revenue streams is resolved.

Attachments:

Attachment 1: FY 2018-23 Six Year Program Candidate Project Report

































Attachment 2: FY 2018-23 Six Year Program Preliminary Quantitative and Qualitative
Evaluations






































































Attachment 3: Qualitative Information Letter: City of Falls Church








































Attachment 4: FY 2018-2023 Six Year Program Candidate Project Map

Northern Virginia Transportation Authority
FY 2018 - 23 Six Year Program Candidate Project List (Draft)


3/27/2018


Project ID#	Jurisdiction/Agency	Project	Local Priority	TransAction ID#	Modal Components	Phases	Request	Total Cost
2018-001-0	Arlington County	ART Operations and Maintenance Facilities	1	123		Des, ROW, CN, CapAsset	\$ 55,459,000	\$ 98,487,000
2018-002-1	Arlington County	Ballston-MU Metrorail Station West Entrance	2	63		Des, ROW, CN, CapAsset	\$ 72,316,000	\$ 130,073,000
2018-003-0	Arlington County	Crystal City Metrorail Station East Entrance and Intermodal Connections	3	89	 	CN	\$ 87,000,000	\$ 90,140,000
2018-004-0	Arlington County	Pentagon City Multimodal Connections and Transitway Extension	4	117	  	Des, CN	\$ 28,850,000	\$ 46,665,000
2018-005-0	Arlington County	Intelligent Transportation System Improvements	5	104	   	CN	\$ 10,000,000	\$ 10,000,000
Arlington County Sub Total							\$ 253,625,000	\$ 375,365,000
2018-006-1	Fairfax County	Route 1 Widening (Mount Vernon Memorial Highway to Napper Road)	1	214	    	Des, ROW, CN	\$ 127,000,000	\$ 215,000,000
2018-007-0	Fairfax County	Richmond Highway Bus Rapid Transit - Phases I & II	2	39	   	Des, ROW, CN	\$ 250,000,000	\$ 544,800,000
2018-008-0	Fairfax County	Soapstone Drive Extension: Extend Soapstone Drive over Route 267 (Dulles Toll Road) to Sunset Hills Road	3	7	  	ROW, CN	\$ 132,060,000	\$ 169,240,000
2018-009-1	Fairfax County	Frontier Drive Extension and Intersection Improvements	4	84	    	ROW, CN	\$ 79,500,000	\$ 116,070,000
2018-010-2	Fairfax County	Route 28 Widening: Route 29 to Prince William County Line	5	30	   	CN	\$ 38,270,000	\$ 91,100,000
2018-011-0	Fairfax County	Braddock Road Intersection Improvements: Guinea Road to Ravensworth Road	6	336	  	Des, ROW, CN	\$ 52,400,000	\$ 69,800,000
2018-012-0	Fairfax County	Richmond Highway (Route 1)/CSX Underpass Widening	7	282	   	CN	\$ 12,000,000	\$ 56,000,000
2018-013-0	Fairfax County	Seven Corners Ring Road Improvements Phase 1 A, Segment A	8	18	  	Des	\$ 5,500,000	\$ 75,000,000
2018-014-1	Fairfax County	Rolling Road Widening: Hunter Village Drive to Old Keene Mill Road	9	54	   	ROW, CN	\$ 11,111,000	\$ 51,600,000
2018-015-0	Fairfax County	Route 29 Widening Project, Phase II (Union Mill Road to Buckley's Gate Drive)	10	217	   	ROW	\$ 7,600,000	\$ 67,000,000
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	11	57	   	ROW, CN	\$ 67,000,000	\$ 191,300,000
2018-017-0	Fairfax County	Rock Hill Road Bridge	12	19	  	Des, ROW, CN	\$ 100,000,000	\$ 100,000,000
2018-018-0	Fairfax County	Dulles Toll Road - Town Center Parkway Underpass	13	17	  	Des	\$ 17,000,000	\$ 168,980,000
2018-019-0	Fairfax County	Route 28 Widening (Northbound from Route 50 to McLearen Road)	14	26		CN	\$ 19,000,000	\$ 21,068,000
2018-020-0	Fairfax County	Shirley Gate Road Extension: Braddock Road to Fairfax County Parkway	15	58	  	ROW, CN	\$ 42,000,000	\$ 50,980,000
Fairfax County Sub Total							\$ 960,441,000	\$ 1,987,938,000


Project ID#	Jurisdiction/Agency	Project	Local Priority	TransAction ID#	Modal Components		Phases	Request		Total Cost
2018-021-0	Loudoun County	Route 15 Bypass Widening: Battlefield Parkway to Montresor Road	Top 3	191		  	ROW, CN	\$	54,000,000	\$ 81,163,683
2018-022-0	Loudoun County	Northstar Boulevard - Shreveport Drive to Tall Cedars Parkway	Top 3	119, 188		  	ROW, CN	\$	89,805,000	\$ 135,180,000
2018-023-0	Loudoun County	Extend Shellhorn Road: Loudoun County Parkway (Route 607) to Randolph Drive (Route 1072)	Top 3	184		  	ROW, Utility	\$	16,000,000	\$ 126,750,000
2018-024-0	Loudoun County	Route 28 Northbound Widening –between the Dulles Toll Road and Sterling Boulevard		155, 159			CN	\$	20,000,000	\$ 23,508,200
2018-025-0	Loudoun County	Evergreen Mills Road Widening: Loudoun County Parkway to Northstar Boulevard		179		  	Des, CN, Utility	\$	46,092,000	\$ 68,885,000
2018-026-0	Loudoun County	Prentice Drive Extension: Lockridge Road (Route 789) to Shellhorn Road (Route 643)		150		  	ROW, CN, Utility	\$	76,230,000	\$ 102,325,000
2018-027-0	Loudoun County	Route 9 Traffic Calming		327		 	Des, ROW, CN, Utility	\$	12,112,000	\$ 22,206,000
2018-028-0	Loudoun County	Dulles West Boulevard Widening: Loudoun County Parkway to Northstar Boulevard		160		  	Des, ROW, CN, Utility	\$	47,800,000	\$ 59,314,000
2018-029-0	Loudoun County	Evergreen Mills Road Intersection Realignments – Watson Road and Reservoir Road		180			Des, ROW, CN, Utility	\$	14,000,000	\$ 14,000,000
Loudoun County Sub Total								\$	376,039,000	\$ 633,331,883
2018-030-3	Prince William County	RT28 corridor improvements (Fitzwater Dr to Pennsylvania Ave)	1	300		 	CN	\$	15,000,000	\$ 70,900,000
2018-031-1	Prince William County	Route 28 Corridor Feasibility Study - Environmental Impact Statement (City of Manassas to Fairfax County)	2	350		 	Other - EIS	\$	3,500,000	\$ 5,100,000
2018-032-1	Prince William County	Construct Route 28 Corridor Roadway Improvements	3	350		 	Des, ROW, CN	\$	145,000,000	\$ 228,000,000
2018-033-0	Prince William County	Construct Interchange at Route 234 and Sudley Manor Drive	4	222		 	Des, ROW, CN	\$	80,600,000	\$ 80,600,000
2018-034-0	Prince William County	Construct Interchange at Route 234 and Brentsville Road	5	283		 	Des, ROW, CN	\$	54,900,000	\$ 54,900,000
2018-035-0	Prince William County	Construct Interchange at Prince William Parkway and University Boulevard	6	324		 	Des, ROW, CN	\$	24,200,000	\$ 24,200,000
2018-036-0	Prince William County	Summit School Rd Extension and Telegraph Rd Widening	7	270, 271		  	Des, ROW, CN	\$	38,700,000	\$ 38,700,000
2018-037-0	Prince William County	Construct University Boulevard (Progress Court to Devlin Road) – Phase I	8	235		  	Des, ROW, CN	\$	28,500,000	\$ 28,500,000
2018-038-0	Prince William County	Devlin Road Widening: Wellington Road to Linton Hall Road	9	242		 	Des, ROW, CN	\$	26,050,000	\$ 26,050,000
2018-039-0	Prince William County	Construct Interchange at Prince William Parkway and Clover Hill Road	10	284		 	Des, ROW, CN	\$	12,900,000	\$ 12,900,000
Prince William CountySub Total								\$	429,350,000	\$ 569,850,000
2018-040-1	City of Alexandria	West End Transitway: Northern Segment (Phase 1)	1	42			ROW, CN, CapAsset, Other-Admin	\$	60,750,000	\$ 128,151,000
2018-041-0	City of Alexandria	Alexandria ITS Projects	2	113			Des, CN	\$	1,195,491	\$ 1,195,491
2018-042-1	City of Alexandria	Alexandria Bus Network ITS	3	194			CapAsset, Other	\$	150,000	\$ 150,000
2018-043-0	City of Alexandria	DASH Transit Service Enhancements and Expansion	4	85			Des, CN, CapAsset, Other-Contin	\$	11,933,161	\$ 23,068,161


Project ID#	Jurisdiction/Agency	Project	Local Priority	TransAction ID#	Modal Components	Phases	Request		Total Cost
2018-044-0	City of Alexandria	Alexandria Bike and Pedestrian Trails and Reconstruction	5	90	  	Des, ROW	\$	2,200,000	\$ 11,630,000
2018-045-2	City of Alexandria	Alexandria Duke St Transitway	6	41	   	Des	\$	12,000,000	\$ 115,050,000
City of Alexandria Sub Total							\$	88,228,652	\$ 279,244,652
2018-046-0	City of Fairfax	Jermantown Road Corridor Improvements Project	1	136	   	Des, ROW, CN	\$	26,000,000	\$ 26,200,000
2018-047-0	City of Fairfax	Intersection Improvements at Eaton Place/Chain Bridge Road	2	137, 140	  	Des, ROW, CN	\$	10,750,000	\$ 10,850,000
2018-048-0	City of Fairfax	Old Lee Highway Multimodal Improvements Phase 1	3	138	  	ROW, CN	\$	5,000,000	\$ 14,000,000
2018-049-0	City of Fairfax	Roadway Network Northfax West	4	140	  	Des, ROW, CN	\$	2,500,000	\$ 5,000,000
2018-050-0	City of Fairfax	City of Fairfax Bike Share Implementation	5	139, 198		CN	\$	1,159,000	\$ 1,159,000
City of Fairfax Sub Total							\$	45,409,000	\$ 57,209,000
2018-051-0	City of Falls Church	West Falls Church & Joint Campus Revitalization District Multimodal Transportation Project	1	334, 66	   	Des, ROW, CN, Other-Contin	\$	15,700,000	\$ 15,700,000
2018-052-0	City of Falls Church	North Washington Street Multimodal Transportation Project	2	334, 66	   	Des, ROW, CN, Other-Contin	\$	14,500,000	\$ 14,500,000
City of Falls Church Sub Total							\$	30,200,000	\$ 30,200,000
2018-053-1	Town of Dumfries	Widen Route 1 (Fraley Blvd) to six lanes between Brady's Hill Rd and Dumfries Rd (RT234)	1	92	  	ROW, CN	\$	116,554,000	\$ 123,954,000
Town of Dumfries Sub Total							\$	116,554,000	\$ 123,954,000
2018-054-2	Town of Leesburg	Construct Interchange at Route 7 and Battlefield Parkway	1	193	  	CN	\$	25,000,000	\$ 58,000,000
2018-055-2	Town of Leesburg	Interchange Improvements at Route 15 Leesburg Bypass and Edwards Ferry Road	2	131	  	Des, ROW, CN	\$	105,700,000	\$ 112,000,000
2018-056-0	Town of Leesburg	Construct Interchange at Route 15 Bypass and Battlefield Parkway	3	96	  	Design	\$	2,000,000	\$ 60,000,000
Town of Leesburg Sub Total							\$	132,700,000	\$ 230,000,000
2018-057-0	Town of Vienna	Mill St NE Parking Garage	1	199	 	CapAsset	\$	2,300,000	\$ 4,600,000
Town of Vienna Sub Total							\$	2,300,000	\$ 4,600,000
2018-058-1	VRE	VRE Crystal City Station Improvements	1	298	 	Des	\$	4,000,000	\$ 41,810,000
2018-059-0	VRE	VRE Woodbridge Station and Occoquan Third Track Improvements	3	93, 301		Des	\$	27,500,000	\$ 230,000,000
VRE Sub Total							\$	31,500,000	\$ 271,810,000
2018-060-0	WMATA	Metrorail Automatic Train Control (ATC) Power Rehabilitation and Wayside Communications Upgrades	1	101		Des, CN, Other-Admin	\$	94,572,577	\$ 302,374,301
2018-061-0	WMATA	Blue/Orange/Silver Corridor Capacity and Reliability Improvements/"New Blue Line" Alternatives Analysis and Project Development	2	34		Study	\$	2,000,000	\$ 2,000,000
WMATA Sub Total							\$	96,572,577	\$ 304,374,301
2018-062-0	NOVA Parks	Falls Church Enhanced Regional Bike Routes (W&OD)	1	134	 	Des, CN	\$	3,793,209	\$ 3,793,209
NOVA Parks Sub Total							\$	3,793,209	\$ 3,793,209
62	TOTAL						\$	2,566,712,438	\$ 4,871,670,045


Project ID#	Jurisdiction/Agency	Project	Local Priority	TransAction ID#	Modal Components	Phases	Request	Total Cost
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












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.

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

DRAFT 04/05/2018

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 (HB 599)	TransAction project rating rank (HB 599)	CRRC (Reduction in annual person hours of delay / Total project cost in \$1000's)	CRRC rank
							Continuation projects	Jurisdictional level											
2018-041-0	City of Alexandria	Alexandria ITS Projects	\$ 1,195,491	\$ 1,195,491	Des, CN									 		65.00	48	5520.61	1
2018-042-1	City of Alexandria	Alexandria Bus Network ITS	\$ 150,000	\$ 1,345,491	CapAsset, Other									 		64.62	52	5144.53	2
2018-005-0	Arlington County	Intelligent Transportation System Improvements	\$ 10,000,000	\$ 11,345,491	CN									   		69.39	22	822.22	3
2018-019-0	Fairfax County	Route 28 Widening (Northbound from Route 50 to McLearen Road)	\$ 19,000,000	\$ 30,345,491	CN											79.18	4	466.23	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									 		90.00	1	216.70	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	69.09	23	142.09	6
2018-021-0	Loudoun County	Route 15 Bypass Widening: Battlefield Parkway to Montresor Road	\$ 54,000,000	\$ 198,918,068	ROW, CN									   		80.77	3	129.96	7
2018-046-0	City of Fairfax	Jermantown Road Corridor Improvements Project	\$ 26,000,000	\$ 224,918,068	Des, ROW, CN									   		65.80	43	108.75	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									   		68.92	25	97.51	9
2018-023-0	Loudoun County	Extend Shellhorn Road: Loudoun County Parkway (Route 607) to Randolph Drive (Route 1072)	\$ 16,000,000	\$ 248,518,068	ROW, Utility									   		85.13	2	80.15	10
2018-014-1	Fairfax County	Rolling Road Widening: Hunter Village Drive to Old Keene Mill Road	\$ 11,111,000	\$ 259,629,068	ROW, CN									   		65.99	42	79.73	11
2018-010-2	Fairfax County	Route 28 Widening: Route 29 to Prince William County Line	\$ 38,270,000	\$ 297,899,068	CN	CN								   	See Note B	68.40	27	74.11	12
2018-039-0	Prince William County	Construct Interchange at Prince William Parkway and Clover Hill Road	\$ 12,900,000	\$ 310,799,068	Des, ROW, CN									  	See Note C	68.35	28	72.84	13
2018-030-3	Prince William County	RT28 corridor improvements (Fitzwater Dr to Pennsylvania Ave)	\$ 15,000,000	\$ 325,799,068	CN									 		70.62	17	71.22	14
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	\$ 392,799,068	ROW, CN	CN								   		74.95	7	69.11	15
2018-017-0	Fairfax County	Rock Hill Road Bridge	\$ 100,000,000	\$ 492,799,068	Des, ROW, CN									  	See Note D	75.22	5	67.25	16
2018-022-0	Loudoun County	Northstar Boulevard - Shreveport Drive to Tall Cedars Parkway	\$ 89,805,000	\$ 582,604,068	ROW, CN									   		69.54	21	65.39	17
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	\$ 699,158,068	ROW, CN									  		72.84	10	56.15	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									   		72.95	9	46.19	19
2018-062-0	NOVA Parks	Falls Church Enhanced Regional Bike Routes (W&OD)	\$ 3,793,209	\$ 779,181,277	Des, CN											50.00	62	34.18	20
2018-043-0	City of Alexandria	DASH Transit Service Enhancements and Expansion	\$ 11,933,161	\$ 791,114,438	Des, CN, CapAsset, Other-Contin											64.68	51	33.70	21
2018-054-2	Town of Leesburg	Construct Interchange at Route 7 and Battlefield Parkway	\$ 25,000,000	\$ 816,114,438	CN									   		71.12	16	30.70	22
2018-028-0	Loudoun County	Dulles West Boulevard Widening: Loudoun County Parkway to Northstar Boulevard	\$ 47,800,000	\$ 863,914,438	Des, ROW, CN, Utility									   		72.51	14	30.01	23
2018-007-0	Fairfax County	Richmond Highway Bus Rapid Transit - Phases I & II	\$ 250,000,000	\$ 1,113,914,438	Des, ROW, CN	ROW, CN, CapAsset								   	See Note E	72.71	11	28.58	24
2018-006-1	Fairfax County	Route 1 Widening (Mount Vernon Memorial Highway to Napper Road)	\$ 127,000,000	\$ 1,240,914,438	Des, ROW, CN	ROW, CN								    		75.14	6	26.48	25
2018-040-1	City of Alexandria	West End Transitway: Northern Segment (Phase 1)	\$ 60,750,000	\$ 1,301,664,438	ROW, CN, CapAsset, Other-Admin	ROW, CN								    		67.56	33	23.73	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 F	67.38	34	21.62	27
2018-031-1	Prince William County	Route 28 Corridor Feasibility Study - Environmental Impact Statement (City of Manassas to Fairfax County)	\$ 3,500,000	\$ 1,347,164,438	Other - EIS									  		67.59	31	21.13	28
2018-032-1	Prince William County	Construct Route 28 Corridor Roadway Improvements	\$ 145,000,000	\$ 1,492,164,438	Des, ROW, CN	CN								  		67.59	32	21.13	29
2018-047-0	City of Fairfax	Intersection Improvements at Eaton Place/Chain Bridge Road	\$ 10,750,000	\$ 1,502,914,438	Des, ROW, CN									  	See Note G	65.01	47	19.76	30
2018-035-0	Prince William County	Construct Interchange at Prince William Parkway and University Boulevard	\$ 24,200,000	\$ 1,527,114,438	Des, ROW, CN									  	See Note C	72.69	12	17.57	31
2018-045-2	City of Alexandria	Alexandria Duke St Transitway	\$ 12,000,000	\$ 1,539,114,438	Des	ROW, CN, CapAsset								    		69.01	24	17.07	32
2018-052-0	City of Falls Church	North Washington Street Multimodal Transportation Project	\$ 14,500,000	\$ 1,553,614,438	Des, ROW, CN, Other-Contin									   		50.69	61	16.93	33
2018-027-0	Loudoun County	Route 9 Traffic Calming	\$ 12,112,000	\$ 1,565,726,438	Des, ROW, CN, Utility									  	See Note H	53.58	57	16.01	34
2018-057-0	Town of Vienna	Mill St NE Parking Garage	\$ 2,300,000	\$ 1,568,026,438	CapAsset									 		52.73	58	13.85	35
2018-034-0	Prince William County	Construct Interchange at Route 234 and Brentsville Road	\$ 54,900,000	\$ 1,622,926,438	Des, ROW, CN									  	See Note C	67.96	30	13.77	36
2018-012-0	Fairfax County	Richmond Highway (Route 1)/CSX Underpass Widening	\$ 12,000,000	\$ 1,634,926,438	CN									   		68.45	26	13.11	37
2018-050-0	City of Fairfax	City of Fairfax Bike Share Implementation	\$ 1,159,000	\$ 1,636,085,438	CN											64.58	53	12.56	38
2018-056-0	Town of Leesburg	Construct Interchange at Route 15 Bypass and Battlefield Parkway	\$ 2,000,000	\$ 1,638,085,438	Design	Des, ROW, CN								  		72.54	13	10.58	39
2018-004-0	Arlington County	Pentagon City Multimodal Connections and Transitway Extension	\$ 28,850,000	\$ 1,666,935,438	Des, CN	ROW, CN								  		65.61	44	10.34	40
2018-049-0	City of Fairfax	Roadway Network Northfax West	\$ 2,500,000	\$ 1,669,435,438	Des, ROW, CN	Des, ROW, CN								  	See Note G	66.91	38	10.28	41
2018-008-0	Fairfax County	Soapstone Drive Extension: Extend Soapstone Drive over Route 267 (DTR) to Sunset Hills Road	\$ 132,060,000	\$ 1,801,495,438	ROW, CN	ROW, CN								  		67.27	35	9.25	42
2018-009-1	Fairfax County	Frontier Drive Extension and Intersection Improvements	\$ 79,500,000	\$ 1,880,995,438	ROW, CN	CN								    		69.80	20	7.97	43
2018-058-1	VRE	VRE Crystal City Station Improvements	\$ 4,000,000	\$ 1,884,995,438	Des	ROW, CN								 		63.91	55	6.92	44
2018-044-0	City of Alexandria	Alexandria Bike and Pedestrian Trails and Reconstruction	\$ 2,200,000	\$ 1,887,195,438	Des, ROW	ROW, CN, Other								    		65.29	46	6.88	45

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 (HB 599)	TransAction project rating rank (HB 599)	CRRC (Reduction in annual person hours of delay / Total project cost in \$1000's)	CRRC rank
							Continuation projects	Jurisdictional level											
2018-029-0	Loudoun County	Evergreen Mills Road Intersection Realignments – Watson Road and Reservoir Road	\$ 14,000,000	\$ 1,901,195,438	Des, ROW, CN, Utility									🚶🚲🚗🚘		68.03	29	6.02	46
2018-002-1	Arlington County	Ballston-MU Metrorail Station West Entrance	\$ 72,316,000	\$ 1,973,511,438	Des, ROW, CN, CapAsset	CN								🚇		57.26	56	5.60	47
2018-018-0	Fairfax County	Dulles Toll Road - Town Center Parkway Underpass	\$ 17,000,000	\$ 1,990,511,438	Des	ROW, CN								🚶🚲🚗🚘		72.40	15	5.35	48
2018-051-0	City of Falls Church	West Falls Church & Joint Campus Revitalization District Multimodal Transportation Project	\$ 15,700,000	\$ 2,006,211,438	Des, ROW, CN, Other-Contin									🚶🚲🚗🚘	See Note I	52.57	59	5.01	49
2018-037-0	Prince William County	Construct University Boulevard (Progress Court to Devlin Road) – Phase I	\$ 28,500,000	\$ 2,034,711,438	Des, ROW, CN									🚶🚲🚗🚘		66.10	41	4.82	50
2018-038-0	Prince William County	Devlin Road Widening: Wellington Road to Linton Hall Road	\$ 26,050,000	\$ 2,060,761,438	Des, ROW, CN									🚶🚲🚗🚘		66.93	37	4.04	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									🚶🚲🚗🚘	See Note J	69.91	19	3.03	52
2018-011-0	Fairfax County	Braddock Road Intersection Improvements: Guinea Road to Ravensworth Road	\$ 52,400,000	\$ 2,151,861,438	Des, ROW, CN	CN								🚶🚲🚗🚘		65.56	45	3.01	53
2018-025-0	Loudoun County	Evergreen Mills Road Widening: Loudoun County Parkway to Northstar Boulevard	\$ 46,092,000	\$ 2,197,953,438	Des, CN, Utility									🚶🚲🚗🚘		66.32	40	2.98	54
2018-033-0	Prince William County	Construct Interchange at Route 234 and Sudley Manor Drive	\$ 80,600,000	\$ 2,278,553,438	Des, ROW, CN									🚶🚲🚗🚘	See Note C	70.19	18	2.84	55
2018-048-0	City of Fairfax	Old Lee Highway Multimodal Improvements Phase 1	\$ 5,000,000	\$ 2,283,553,438	ROW, CN	CN								🚶🚲🚗🚘		67.11	36	1.83	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								🚗🚘	See Note K	64.93	49	1.44	57
2018-055-2	Town of Leesburg	Interchange Improvements at Route 15 Leesburg Bypass and Edwards Ferry Road	\$ 105,700,000	\$ 2,444,712,438	Des, ROW, CN									🚶🚲🚗🚘		64.73	50	1.41	58
2018-003-0	Arlington County	Crystal City Metrorail Station East Entrance and Intermodal Connections	\$ 87,000,000	\$ 2,531,712,438	CN	Des								🚇🚗🚘		51.56	60	1.13	59
2018-059-0	VRE	VRE Woodbridge Station and Occoquan Third Track Improvements	\$ 27,500,000	\$ 2,559,212,438	Des	CN								🚇		64.19	54	1.03	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								🚶🚲🚗🚘		66.66	39	0.19	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	74.05	8	See Note L	See Note L

Notes

- Anticipated next three SYP updates:
12 / 2019 FY2020
12 / 2021 FY2022
12 / 2023 FY2024
- A** Supporting resolutions provided by Arlington Co, Fairfax Co, and City of Alexandria among the WMATA-compact jurisdictions
- B** 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.
- C** The project is part of \$400,000 VDOT STARTS study for innovative interchange design
- D** There is no supporting resolution from Loudoun County though the project is partially in Loudoun County
- E** 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.
- F** Project cannot be completed before project 2018-016-2 Fairfax County Parkway Widening and Popes Head Interchange
- G** Eaton/Chain Bridge Road intersection project and the Northfax West Roadway Network project are close to each other and function together
- H** There will be overall project cost & time savings if SYP funds allocated
- I** See attached pdf document
- J** VDOT has recently budgeted a total of \$350,000 using pre-scoping funds towards a preliminary study for this project.
- K** Total project cost has been reduced from \$98,487,000 to \$60,000,000 based on refinements to the facility design.
The CRRC shown here is based on the higher original cost.
- L** 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.

	% 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



March 22, 2018

Ms. Monica Backmon
Northern Virginia Transportation Authority
3040 Williams Drive, Suite 200
Fairfax, Virginia 22031

Dear Ms. Backmon:

This letter provides additional, qualitative information about the City's West Falls Church and Joint Campus Revitalization District Multimodal Transportation Project application for NVTa 70% funds. The City submits this additional qualitative information for consideration in developing the NVTa Six Year Program.

Connections to the Regional Transportation Network

The City's West Falls Church and Joint Campus Revitalization District Multimodal Transportation Project is located at the intersection of jurisdictional, agency, and multimodal lines. This project is necessary to connect and realize the full potential of multiple ongoing and planned regional (and state) transportation investments. The following bullets list the projects in the immediate area and how they will be made more effective by this West Falls Church project.

- **Transform I-66** The twin goals of the Transform I-66 Project are to move more people and to increase connectivity. As part of Transform I-66, a direct connection is being provided between eastbound I-66 and the West Falls Church Metro Station. The City's project will accommodate the new connection by improving vehicle flow in the vicinity.
- **The Route 7 Bus Rapid Transit (BRT) Project** runs along Route 7 from Tysons in Fairfax County to the Mark Center in Alexandria. This West Falls Church project will support realignment of the street network in the vicinity of the West Falls Church Metro to support a direct connection between the West Falls Church Metro Station and Route 7 BRT project.
- **The W&OD Trail** is a major regional biking corridor and passes approximately a ¼ mile distance from this project area. This project will enable increased usage of the W&OD Trail, which will reduce auto dependence (a regionally adopted goal) and support investment in pedestrian and bicycle facilities (a major voice during the public engagement process of TransAction).

- **Capital Bikeshare** Falls Church is expanding the regional Capital Bikeshare System with stations at the West Falls Church Metrorail Station, George Mason High School, and nine other locations throughout the City. As you are aware, Capital Bikeshare is often used as a first mile/last mile connection to other regional transportation facilities, and this project will provide the infrastructure for those connections.

Coordinating Transportation Investments with Redevelopment

Recently initiated and potential future development activity is not fully captured in the Metropolitan Washington Council of Governments (MWCOC) Cooperative Forecasts. In particular, the following redevelopment activity is ongoing.

- **The West Falls Church Development Project** is an approximately 10 acre property slated for a minimum of 1.5 million square feet of new development at the intersection of West Broad Street and Haycock Road. Construction is expected to begin in 2021.
- **Founder's Row**, approximately a ¼ mile from the project area, is an approximately 4.5 acre property proposed for redevelopment with 58,356 square feet of retail/restaurant, 4,946 square feet of office and 394 residential units.
- **WMATA**, for the West Falls Church Metrorail Station property, submitted a Comprehensive Plan Amendment to Fairfax County. The property is approximately 24 acres and under the proposed amendment will consider 150,000 square feet of office, 50,000 square feet of retail, 300 multi-family residential units, and 200 residential townhomes.

According to VDOT data, existing average annual weekday traffic counts on Route 7 are 33,000 trips, and on Haycock Road are 11,000 trips. Based on acreage and typical development (land use) programs in the City, the West Falls Church Development is expected to generate a minimum of 13,500 daily trips. As noted above, this development program has not yet been incorporated into the MWCOC Cooperative Forecasts, and therefore, is not accounted for in the TransAction model. Recent regional studies funded through the MWCOC Transportation and Land Use Connection (TLC) program have suggested mode share goals of 50% non-automobile. The City's West Falls Church and Joint Campus Revitalization District Multimodal Transportation Project is a necessary step for reaching this mode share goal and could reduce automobile traffic in the vicinity by 6,750 daily trips.

To accommodate future development and reinvestment in regional activity centers such as the City of Falls Church, the region has recognized a need to invest in multimodal transportation options. These investments are also supported at the state level with documents like VTRANS, which recognize the need to invest in revitalization districts, again, like the City of Falls Church. Additionally, a recently completed TLC study funded by the MWCOC, recognized the need for investment in multimodal transportation options, including bicycle, pedestrian and transit connections, and a re-oriented grid of streets to accommodate better vehicle flow.

Project Priorities

As we noted during the application process, of our two submissions this is the City's number one priority.

The City looks forward to working with NVTA staff on the execution of this vital West Falls Church project in service to our city and the region.

Sincerely,

A handwritten signature in black ink, appearing to read "Wyatt Shields". The signature is fluid and cursive, with the first name "Wyatt" being more prominent than the last name "Shields".

F. Wyatt Shields
City Manager

cc: City of Falls Church Council Members

Cindy L. Mester, Deputy City Manager

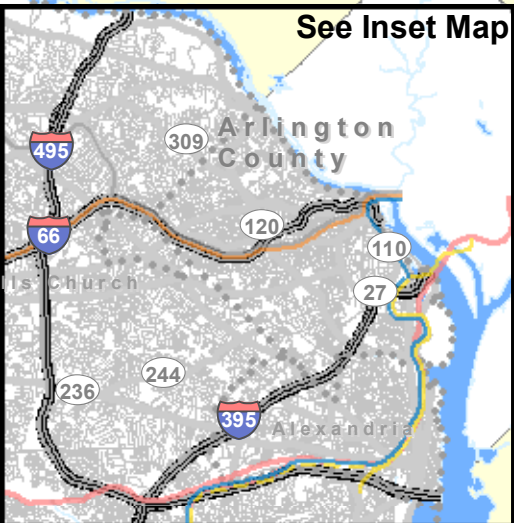
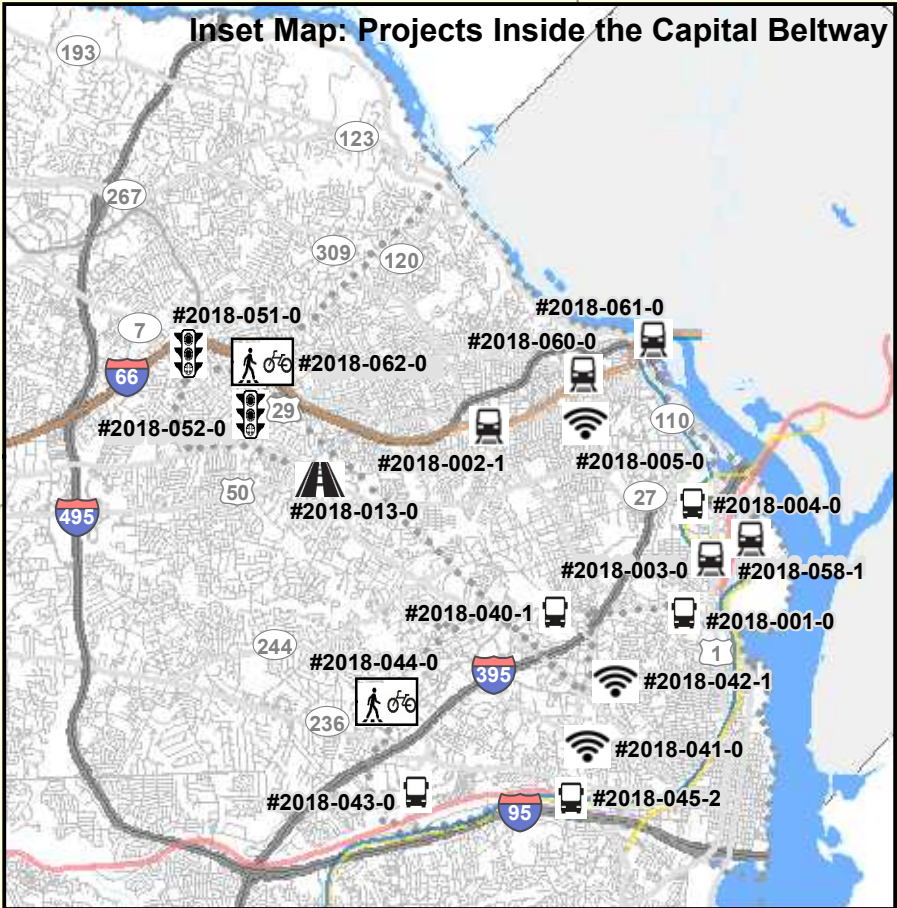
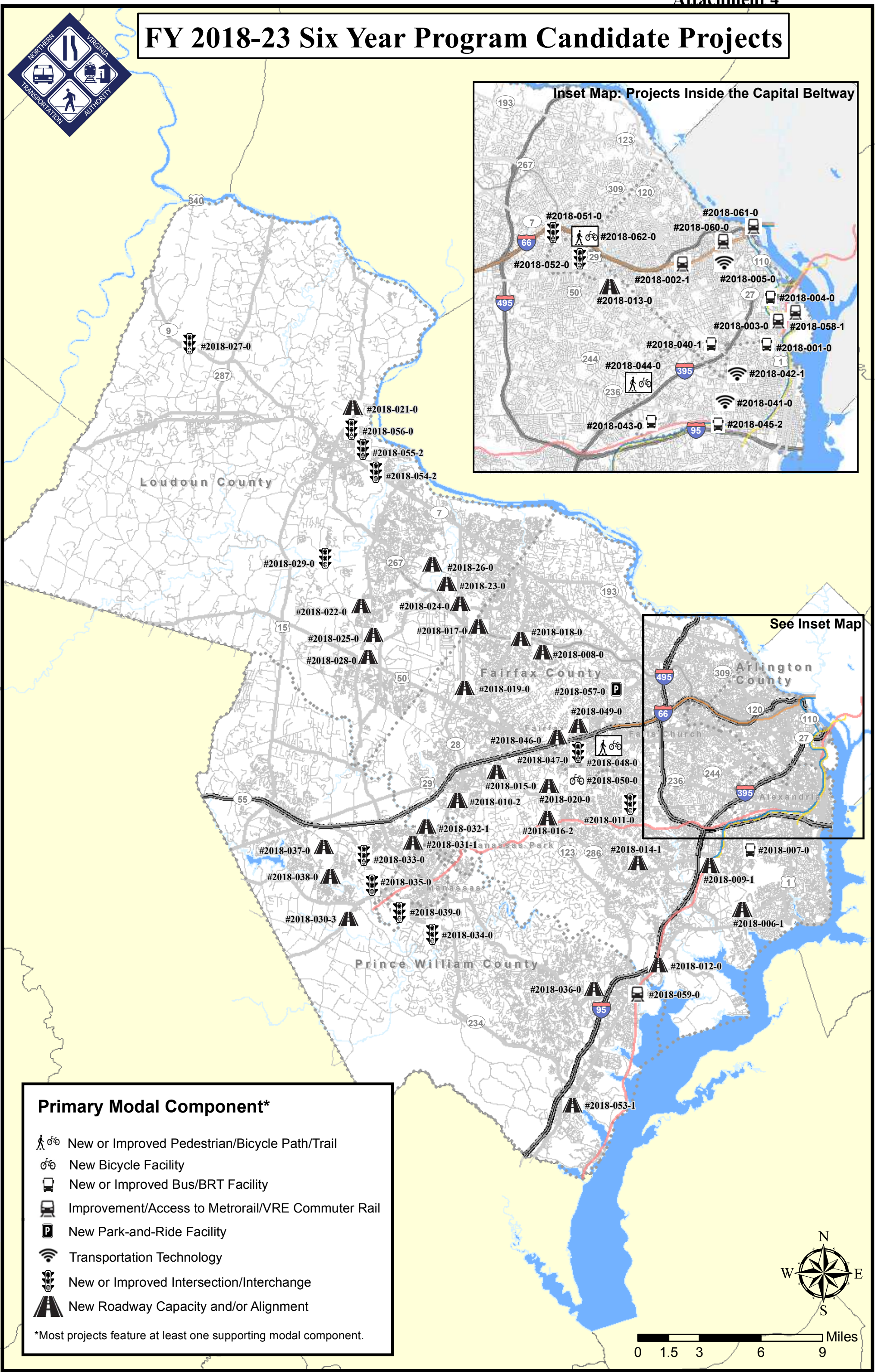
James B. Snyder, Director of Community Planning and Economic Development Services

Paul Stoddard, Director of Planning

Kerri Oddenino, Planner



FY 2018-23 Six Year Program Candidate Projects



- Primary Modal Component***
- New or Improved Pedestrian/Bicycle Path/Trail
 - New Bicycle Facility
 - New or Improved Bus/BRT Facility
 - Improvement/Access to Metrorail/VRE Commuter Rail
 - New Park-and-Ride Facility
 - Transportation Technology
 - New or Improved Intersection/Interchange
 - New Roadway Capacity and/or Alignment
- *Most projects feature at least one supporting modal component.

