

Northern Virginia Transportation Authority

FY2024-29 Six Year Program Candidate Projects: Congestion Reduction Relative to Cost (CRRC)

CFC-011 City of Falls Church City of Falls Church City of Falls Church Signal Prioritization Project S 1,400,000 \$ 1,400,000 C53.6 1			<u> </u>					
ALX-037 City of Alexandria Smart & Connected Vehicle Infrastructure \$ 5,050,000 \$ 5,000,000 277.6 2	Application ID	Jurisdiction	Project Title	To	tal Project Cost	NVTA Request	CRRC Rating	CRRC Rank
Prince William County Route 234 Operational Improvements \$ 10,000,000 \$ 10,000,000 240.4 3	CFC-011	City of Falls Church	City of Falls Church Signal Prioritization Project	\$	1,400,000	\$ 1,400,000	653.6	1
FFX-138 Fairfax County Seven Corners Ring Road Improvements	ALX-037	City of Alexandria	Smart & Connected Vehicle Infrastructure	\$	5,050,000	\$ 5,000,000	277.6	2
MAN-003 City of Manassas Roundabout at Route 28 and Sudley Rd \$ 5,495,000 \$ 4,020,000 113.8 5	PWC-042	Prince William County	Route 234 Operational Improvements	\$	10,000,000	\$ 10,000,000	240.4	3
VRE VRE VRE Backlick Road Station Improvements \$ 8,645,103 \$ 6,145,103 102.6 6 ALX-032 City of Alexandria South Van Dorn Street Bridge Enhancements \$ 15,070,000 \$ 10,000,000 33.0 7 ALX-033 City of Alexandria Alexandria Metroway Enhancements \$ 14,924,792 \$ 7,000,000 25.6 8 CMP-001 City of Manassas Park Route 28-Centreville Road Corridor Improvements \$ 40,000,000 \$ 40,000,000 24.8 9 CFX-019 City of Fairfax Blenheim Boulevard Multimodal Improvements (formerly, Old Lee Highway Multimodal Improvements) \$ 30,400,000 \$ 5,400,000 24.6 10 ALX-029 City of Alexandria Safety Improvements at High-Crash Intersections \$ 20,500,000 \$ 3,000,000 24.1 11 PWC-040 Prince William County Route 234 and Sudley Manor Drive Interchange \$ 115,000,000 \$ 115,000,000 2 3.3 12 PWC-043 Prince William County Route 15 at Braddock Road Roundabout \$ 25,000,000 \$ 25,000,000 17.9 13 LDN-034 Loudoun County Route	FFX-138	Fairfax County	Seven Corners Ring Road Improvements	\$	132,690,417	\$ 122,229,417	114.2	4
ALX-032 City of Alexandria South Van Dorn Street Bridge Enhancements \$ 15,070,000 \$ 10,000,000 33.0 7 ALX-033 City of Alexandria Metroway Enhancements \$ 14,924,792 \$ 7,000,000 25.6 8 CMP-001 City of Manassas Park Route 28-Centreville Road Corridor Improvements \$ 40,000,000 \$ 40,000,000 24.8 9 CFX-019 City of Fairfax Blenheim Boulevard Multimodal Improvements (formerly, Old Lee Highway Multimodal \$ 30,400,000 \$ 5,400,000 24.6 10 Improvements (formerly, Old Lee Highway Multimodal \$ 30,400,000 \$ 5,400,000 24.6 10 Improvements (formerly, Old Lee Highway Multimodal \$ 30,000,000 \$ 115,000,000 24.1 11 PWC-040 Prince William County Route 234 and Sudley Manor Drive Interchange \$ 115,000,000 \$ 115,000,000 23.3 12 PWC-043 Prince William County Route 15 at Braddock Road Roundabout \$ 25,655,000 \$ 10,000,000 16.3 14 PWC-044 Prince William County Route 15 at Braddock Road Roundabout \$ 25,655,000 \$ 10,000,000 15.8 15 ARL-022 Arlington County Shirlington Bus Station Expansion \$ 11,800,000 \$ 11,800,000 14.5 16 PWC-041 Prince William County Route 234 Bicycle and Pedestrian Facility Over I-95 \$ 12,000,000 \$ 12,000,000 14.5 18 LDN-029 Loudoun County Old Ox Road Widening - Shaw Road to Oakgrove Road \$ 18,332,754 \$ 18,332,754 13.5 18 LDN-029 Loudoun County Braddock Road Multimodal Improvements Phase II (Humphries Drive to Southampton Drive) \$ 95,286,334 \$ 90,000,000 11.2 19 FFX-136 Fairfax County Frontier Drive Extension and Intersection Improvements \$ 244,600,000 \$ 164,992,286 6.3 21 LDN-033 Loudoun County Social Road Widening - Loudoun Center Place to Crosstrail Boulevard \$ 32,861,000 \$ 16,4992,286 6.3 21 LDN-033 Loudoun County Route 7 Multimodal Improvements (I-495 to I-66) \$ 244,407,921 \$ 210,000,000 2.2 23	MAN-003	City of Manassas	Roundabout at Route 28 and Sudley Rd	\$	5,495,000	\$ 4,020,000	113.8	5
ALX-033 City of Alexandria Alexandria Metroway Enhancements \$ 14,924,792 \$ 7,000,000 25.6 8 CMP-001 City of Manassas Park Route 28-Centreville Road Corridor Improvements \$ 40,000,000 \$ 40,000,000 24.8 9 CFX-019 City of Fairfax Blenheim Boulevard Multimodal Improvements (formerly, Old Lee Highway Multimodal \$ 30,400,000 \$ 5,400,000 24.6 10 Improvements) ALX-029 City of Alexandria Safety Improvements at High-Crash Intersections \$ 20,500,000 \$ 3,000,000 24.1 11 PWC-040 Prince William County Route 234 and Sudley Manor Drive Interchange \$ 115,000,000 \$ 115,000,000 23.3 12 PWC-043 Prince William County The Landing at Prince William Transit Center \$ 25,000,000 \$ 25,000,000 17.9 13 LDN-034 Loudoun County Route 15 at Braddock Road Roundabout \$ 25,655,000 \$ 10,000,000 16.3 14 PWC-044 Prince William County Triangle Mobility Hub and First/Last Mile Connection Improvements \$ 10,000,000 \$ 10,000,000 15.8 15 ARL-022 Arlington County Shirlington Bus Station Expansion \$ 11,800,000 \$ 11,600,000 14.5 16 PWC-041 Prince William County Route 234 Bicycle and Pedestrian Facility Over I-95 \$ 12,000,000 \$ 12,000,000 13.6 17 CFX-018 City of Fairfax Northfax Network Improvements - Northfax East-West Road \$ 18,332,754 \$ 18,332,754 13.5 18 LDN-029 Loudoun County Old Ox Road Widening - Shaw Road to Oakgrove Road \$ 49,350,000 \$ 30,000,000 11.2 19 FFX-136 Fairfax County Frontier Drive Extension and Intersection Improvements \$ 241,630,600 \$ 164,992,286 6.3 21 LDN-033 Loudoun County Specilin Road Widening - Loudoun Center Place to Crosstrail Boulevard \$ 32,861,000 \$ 15,000,000 5.2 22 FFX-135 Fairfax County Route 7 Multimodal Improvements (I-495 to I-66) \$ 244,407,921 \$ 210,000,000 2.2 2 3	VRE-017	VRE	VRE Backlick Road Station Improvements	\$	8,645,103	\$ 6,145,103	102.6	6
CMP-001 City of Manassas Park Route 28-Centreville Road Corridor Improvements \$ 40,000,000 \$ 40,000,000 24.8 9 CFX-019 City of Fairfax Blenheim Boulevard Multimodal Improvements (formerly, Old Lee Highway Multimodal Improvements) \$ 30,400,000 \$ 5,400,000 24.6 10 ALX-029 City of Alexandria Safety Improvements at High-Crash Intersections \$ 20,500,000 \$ 3,000,000 24.1 11 PWC-040 Prince William County Route 234 and Sudley Manor Drive Interchange \$ 115,000,000 \$ 115,000,000 23.3 12 PWC-043 Prince William County The Landing at Prince William Transit Center® \$ 25,000,000 \$ 25,000,000 17.9 13 LDN-034 Loudoun County Route 15 at Braddock Road Roundabout \$ 25,655,000 \$ 10,000,000 16.3 14 PWC-044 Prince William County Triangle Mobility Hub and First/Last Mile Connection Improvements \$ 10,000,000 \$ 10,000,000 15.8 15 ARI-022 Arlington County Shirlington Bus Station Expansion \$ 11,800,000 \$ 11,800,000 \$ 11,600,000 14.5 16	ALX-032	City of Alexandria	South Van Dorn Street Bridge Enhancements	\$	15,070,000	\$ 10,000,000	33.0	7
City of Fairfax Blenheim Boulevard Multimodal Improvements (formerly, Old Lee Highway Multimodal \$ 30,400,000 \$ 5,400,000 24.6 10	ALX-033	City of Alexandria	Alexandria Metroway Enhancements	\$	14,924,792	\$ 7,000,000	25.6	8
Improvements Impr	CMP-001	City of Manassas Park	Route 28-Centreville Road Corridor Improvements	\$	40,000,000	\$ 40,000,000	24.8	9
ALX-029 City of Alexandria Safety Improvements at High-Crash Intersections \$ 20,500,000 \$ 3,000,000 24.1 11 PWC-040 Prince William County Route 234 and Sudley Manor Drive Interchange \$ 115,000,000 \$ 115,000,000 23.3 12 PWC-043 Prince William County The Landing at Prince William Transit Center \$ 25,000,000 \$ 25,000,000 17.9 13 LDN-034 Loudoun County Route 15 at Braddock Road Roundabout \$ 25,655,000 \$ 10,000,000 16.3 14 PWC-044 Prince William County Triangle Mobility Hub and First/Last Mile Connection Improvements \$ 10,000,000 \$ 10,000,000 15.8 15 ARL-022 Arlington County Shirlington Bus Station Expansion \$ 11,800,000 \$ 11,600,000 14.5 16 PWC-041 Prince William County Route 234 Bicycle and Pedestrian Facility Over I-95 \$ 12,000,000 \$ 12,000,000 13.6 17 CFX-018 City of Fairfax Northfax Network Improvements - Northfax East-West Road \$ 18,332,754 \$ 18,332,754 13.5 18 LDN-029 Loudoun County Old Ox Road Widening - Shaw Road to Oakgrove Road \$ 49,350,000 \$ 30,000,000 11.2 19 FFX-136 Fairfax County Braddock Road Multimodal Improvements Phase II (Humphries Drive to Southampton Drive) \$ 95,286,334 \$ 90,000,000 8.3 20 FFX-134 Fairfax County Frontier Drive Extension and Intersection Improvements \$ 241,630,600 \$ 164,992,286 6.3 21 LDN-033 Loudoun County Sycolin Road Widening - Loudoun Center Place to Crosstrail Boulevard \$ 32,861,000 \$ 15,000,000 5.2 22 FFX-135 Fairfax County Route 7 Multimodal Improvements (I-495 to I-66) \$ 244,407,921 \$ 210,000,000 2.2 23	CFX-019	City of Fairfax	Blenheim Boulevard Multimodal Improvements (formerly, Old Lee Highway Multimodal	\$	30,400,000	\$ 5,400,000	24.6	10
PWC-040 Prince William County Route 234 and Sudley Manor Drive Interchange \$ 115,000,000 \$ 115,000,000 23.3 12 PWC-043 Prince William County The Landing at Prince William Transit Center? \$ 25,000,000 \$ 25,000,000 17.9 13 LDN-034 Loudoun County Route 15 at Braddock Road Roundabout \$ 25,655,000 \$ 10,000,000 16.3 14 PWC-044 Prince William County Triangle Mobility Hub and First/Last Mile Connection Improvements \$ 10,000,000 \$ 10,000,000 15.8 15 ARL-022 Arlington County Shirlington Bus Station Expansion \$ 11,800,000 \$ 11,600,000 14.5 16 PWC-041 Prince William County Route 234 Bicycle and Pedestrian Facility Over I-95 \$ 12,000,000 \$ 12,000,000 13.6 17 CFX-018 City of Fairfax Northfax Network Improvements - Northfax East-West Road \$ 18,332,754 \$ 18,332,754 13.5 18 LDN-029 Loudoun County Old Ox Road Widening - Shaw Road to Oakgrove Road \$ 49,350,000 \$ 30,000,000 11.2 19 FFX-136 Fairfax County			Improvements)					
PWC-043 Prince William County The Landing at Prince William Transit Center® \$ 25,000,000 \$ 25,000,000 17.9 13 LDN-034 Loudoun County Route 15 at Braddock Road Roundabout \$ 25,655,000 \$ 10,000,000 16.3 14 PWC-044 Prince William County Triangle Mobility Hub and First/Last Mile Connection Improvements \$ 10,000,000 \$ 10,000,000 15.8 15 ARL-022 Arlington County Shirlington Bus Station Expansion \$ 11,800,000 \$ 11,600,000 14.5 16 PWC-041 Prince William County Route 234 Bicycle and Pedestrian Facility Over I-95 \$ 12,000,000 \$ 12,000,000 13.6 17 CFX-018 City of Fairfax Northfax Network Improvements - Northfax East-West Road \$ 18,332,754 \$ 18,332,754 13.5 18 LDN-029 Loudoun County Old Ox Road Widening - Shaw Road to Oakgrove Road \$ 49,350,000 \$ 30,000,000 11.2 19 FFX-136 Fairfax County Braddock Road Multimodal Improvements Phase II (Humphries Drive to Southampton Drive) \$ 95,286,334 \$ 90,000,000 8.3 20 FFX-134	ALX-029	City of Alexandria	Safety Improvements at High-Crash Intersections	\$	20,500,000	\$ 3,000,000	24.1	11
LDN-034 Loudoun County Route 15 at Braddock Road Roundabout \$ 25,655,000 \$ 10,000,000 16.3 14 PWC-044 Prince William County Triangle Mobility Hub and First/Last Mile Connection Improvements \$ 10,000,000 \$ 10,000,000 15.8 15 ARL-022 Arlington County Shirlington Bus Station Expansion \$ 11,800,000 \$ 11,600,000 14.5 16 PWC-041 Prince William County Route 234 Bicycle and Pedestrian Facility Over I-95 \$ 12,000,000 \$ 12,000,000 13.6 17 CFX-018 City of Fairfax Northfax Network Improvements - Northfax East-West Road \$ 18,332,754 18,332,754 13.5 18 LDN-029 Loudoun County Old Ox Road Widening - Shaw Road to Oakgrove Road \$ 49,350,000 \$ 30,000,000 11.2 19 FFX-136 Fairfax County Braddock Road Multimodal Improvements Phase II (Humphries Drive to Southampton Drive) \$ 95,286,334 \$ 90,000,000 8.3 20 FFX-134 Fairfax County Frontier Drive Extension and Intersection Improvements \$ 241,630,600 \$ 164,992,286 6.3 21 LDN-033	PWC-040	Prince William County	Route 234 and Sudley Manor Drive Interchange	\$	115,000,000	\$ 115,000,000	23.3	12
PWC-044 Prince William County Triangle Mobility Hub and First/Last Mile Connection Improvements \$ 10,000,000 \$ 10,000,000 \$ 10,000,000 \$ 15 ARL-022 Arlington County Shirlington Bus Station Expansion \$ 11,800,000 \$ 11,600,000 \$ 12,000,000 \$ 12,000,000 \$ 12,000,000 \$ 12,000,000 \$ 12,000,000 \$ 12,000,000 \$ 12,000,000 \$ 12,000,000 \$ 12,000,000 \$ 12,000,000 \$ 12,000,000 \$ 12,000,000 \$ 12,000,000 \$ 12,000,000 \$ 12,000,000 \$ 12,000,000 \$ 12,000,000 \$ 12,000,000 \$ 12,000,000 \$ 12,000,000 \$ 12,000,000 \$ 12,000,000 \$ 12,000,000 \$ 12,000,000 \$ 12,000,000 \$ 12,000,000 \$ 12,000,000 \$ 12,000,000 \$ 12,000,000 \$ 12,000,000 \$ 12,000,000 \$ 13.5 \$ 18 \$ 18 \$ 18 \$ 18,332,754 \$ 18,332,754 \$ 18,332,754 \$ 18 \$ 18 \$ 18 \$ 18 \$ 18 \$ 18 \$ 15 \$ 18 \$ 18 \$ 18 \$ 18 \$ 18 \$ 18 \$ 18 \$ 18 \$ 18 \$ 18 \$ 18 \$ 18 \$ 18 \$ 18 \$ 1	PWC-043	Prince William County	The Landing at Prince William Transit Center ☐	\$	25,000,000	\$ 25,000,000	17.9	13
ARL-022 Arlington County Shirlington Bus Station Expansion \$ 11,800,000 \$ 11,600,000 14.5 16 PWC-041 Prince William County Route 234 Bicycle and Pedestrian Facility Over I-95 \$ 12,000,000 \$ 12,000,000 \$ 13.6 17 CFX-018 City of Fairfax Northfax Network Improvements - Northfax East-West Road \$ 18,332,754 \$ 18,332,754 13.5 18 LDN-029 Loudoun County Old Ox Road Widening - Shaw Road to Oakgrove Road \$ 49,350,000 \$ 30,000,000 11.2 19 FFX-136 Fairfax County Braddock Road Multimodal Improvements Phase II (Humphries Drive to Southampton Drive) \$ 95,286,334 \$ 90,000,000 8.3 20 FFX-134 Fairfax County Frontier Drive Extension and Intersection Improvements \$ 241,630,600 \$ 164,992,286 6.3 21 LDN-033 Loudoun County Sycolin Road Widening - Loudoun Center Place to Crosstrail Boulevard \$ 32,861,000 \$ 15,000,000 5.2 22 FFX-135 Fairfax County Route 7 Multimodal Improvements (I-495 to I-66) \$ 244,407,921 \$ 210,000,000 2.2 23	LDN-034	Loudoun County	Route 15 at Braddock Road Roundabout	\$	25,655,000	\$ 10,000,000	16.3	14
PWC-041 Prince William County Route 234 Bicycle and Pedestrian Facility Over I-95 \$ 12,000,000 \$ 12,000,000 13.6 17 CFX-018 City of Fairfax Northfax Network Improvements - Northfax East-West Road \$ 18,332,754 \$ 18,332,754 13.5 18 LDN-029 Loudoun County Old Ox Road Widening - Shaw Road to Oakgrove Road \$ 49,350,000 \$ 30,000,000 11.2 19 FFX-136 Fairfax County Braddock Road Multimodal Improvements Phase II (Humphries Drive to Southampton Drive) \$ 95,286,334 \$ 90,000,000 8.3 20 FFX-134 Fairfax County Frontier Drive Extension and Intersection Improvements \$ 241,630,600 \$ 164,992,286 6.3 21 LDN-033 Loudoun County Sycolin Road Widening - Loudoun Center Place to Crosstrail Boulevard \$ 32,861,000 \$ 15,000,000 5.2 22 FFX-135 Fairfax County Route 7 Multimodal Improvements (I-495 to I-66) \$ 244,407,921 \$ 210,000,000 2.2 23	PWC-044	Prince William County	Triangle Mobility Hub and First/Last Mile Connection Improvements	\$	10,000,000	\$ 10,000,000	15.8	15
CFX-018 City of Fairfax Northfax Network Improvements - Northfax East-West Road \$ 18,332,754 \$ 18,332,754 13.5 18 LDN-029 Loudoun County Old Ox Road Widening - Shaw Road to Oakgrove Road \$ 49,350,000 \$ 30,000,000 11.2 19 FFX-136 Fairfax County Braddock Road Multimodal Improvements Phase II (Humphries Drive to Southampton Drive) \$ 95,286,334 \$ 90,000,000 8.3 20 FFX-134 Fairfax County Frontier Drive Extension and Intersection Improvements \$ 241,630,600 \$ 164,992,286 6.3 21 LDN-033 Loudoun County Sycolin Road Widening - Loudoun Center Place to Crosstrail Boulevard \$ 32,861,000 \$ 15,000,000 5.2 22 FFX-135 Fairfax County Route 7 Multimodal Improvements (I-495 to I-66) \$ 244,407,921 \$ 210,000,000 2.2 23	ARL-022	Arlington County	Shirlington Bus Station Expansion	\$	11,800,000	\$ 11,600,000	14.5	16
LDN-029 Loudoun County Old Ox Road Widening - Shaw Road to Oakgrove Road \$49,350,000 \$30,000,000 11.2 19 FFX-136 Fairfax County Braddock Road Multimodal Improvements Phase II (Humphries Drive to Southampton Drive) \$95,286,334 \$90,000,000 8.3 20 FFX-134 Fairfax County Frontier Drive Extension and Intersection Improvements \$241,630,600 \$164,992,286 6.3 21 LDN-033 Loudoun County Sycolin Road Widening - Loudoun Center Place to Crosstrail Boulevard \$32,861,000 \$15,000,000 5.2 22 FFX-135 Fairfax County Route 7 Multimodal Improvements (I-495 to I-66) \$244,407,921 \$210,000,000 2.2 23	PWC-041	Prince William County	Route 234 Bicycle and Pedestrian Facility Over I-95	\$	12,000,000	\$ 12,000,000	13.6	17
FFX-136 Fairfax County Braddock Road Multimodal Improvements Phase II (Humphries Drive to Southampton Drive) \$ 95,286,334 \$ 90,000,000 8.3 20 FFX-134 Fairfax County Frontier Drive Extension and Intersection Improvements \$ 241,630,600 \$ 164,992,286 6.3 21 LDN-033 Loudoun County Sycolin Road Widening - Loudoun Center Place to Crosstrail Boulevard \$ 32,861,000 \$ 15,000,000 5.2 22 FFX-135 Fairfax County Route 7 Multimodal Improvements (I-495 to I-66) \$ 244,407,921 \$ 210,000,000 2.2 23	CFX-018	City of Fairfax	Northfax Network Improvements - Northfax East-West Road	\$	18,332,754	\$ 18,332,754	13.5	18
FFX-134 Fairfax County Frontier Drive Extension and Intersection Improvements \$ 241,630,600 \$ 164,992,286 6.3 21 LDN-033 Loudoun County Sycolin Road Widening - Loudoun Center Place to Crosstrail Boulevard \$ 32,861,000 \$ 15,000,000 5.2 22 FFX-135 Fairfax County Route 7 Multimodal Improvements (I-495 to I-66) \$ 244,407,921 \$ 210,000,000 2.2 23	LDN-029	Loudoun County	Old Ox Road Widening - Shaw Road to Oakgrove Road	\$	49,350,000	\$ 30,000,000	11.2	19
LDN-033 Loudoun County Sycolin Road Widening - Loudoun Center Place to Crosstrail Boulevard \$ 32,861,000 \$ 15,000,000 5.2 22 FFX-135 Fairfax County Route 7 Multimodal Improvements (I-495 to I-66) \$ 244,407,921 \$ 210,000,000 2.2 23	FFX-136	Fairfax County	Braddock Road Multimodal Improvements Phase II (Humphries Drive to Southampton Drive)	\$	95,286,334	\$ 90,000,000	8.3	20
FFX-135 Fairfax County Route 7 Multimodal Improvements (I-495 to I-66) \$ 244,407,921 \$ 210,000,000 2.2 23	FFX-134	Fairfax County	Frontier Drive Extension and Intersection Improvements	\$	241,630,600	\$ 164,992,286	6.3	21
	LDN-033	Loudoun County	Sycolin Road Widening - Loudoun Center Place to Crosstrail Boulevard	\$	32,861,000	\$ 15,000,000	5.2	22
ARL-023 Arlington County CC2DCA Multimodal Connection (formerly known as CC2DCA Intermodal Connector) \$ 57,200,000 \$ 21,100,000 1.0 24	FFX-135	Fairfax County	Route 7 Multimodal Improvements (I-495 to I-66)	\$	244,407,921	\$ 210,000,000	2.2	23
	ARL-023	Arlington County	CC2DCA Multimodal Connection (formerly known as CC2DCA Intermodal Connector)	\$	57,200,000	\$ 21,100,000	1.0	24