

FY2020-2025 Six Year Program

*NVTA Staff Recommendations
June 2020*



Presented by:
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Agenda



1. Context
2. Key Components of Project Selection Process
3. Public Comments
4. Overview of NVTA Staff Recommendations
5. NVTA Staff Recommendations
6. Next Steps



Context: Summary of Previous Funding Programs*



Funding Program	Amount Requested (\$)	Amount Approved (\$)	Approved/Requested (%)
FY2014	339,693,000	185,884,185	55
FY2015-2016	467,124,215	336,944,000	72
FY2017	297,949,000	166,043,951	56
FY2018-2023	2,470,139,861	1,285,273,281	52
	3,574,906,076	1,974,145,417	55
FY2020-2025	1,444,826,078	522,151,962	36

Notes:

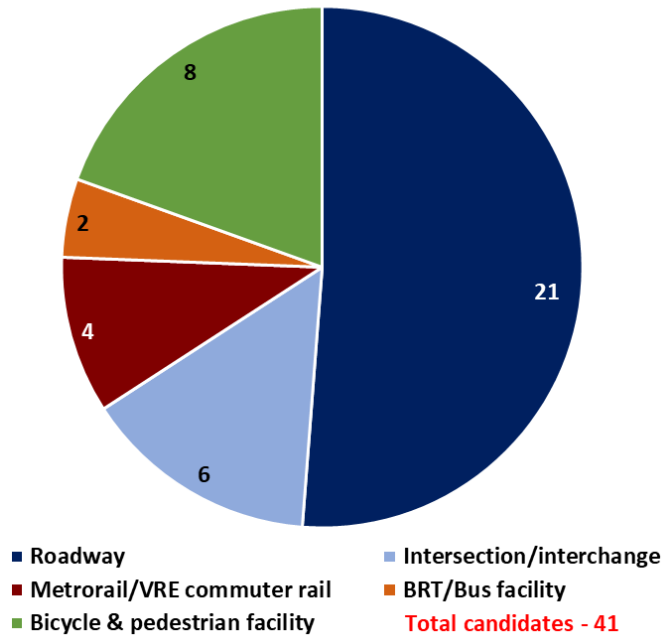
* Adjusted for approved projects that were subsequently withdrawn



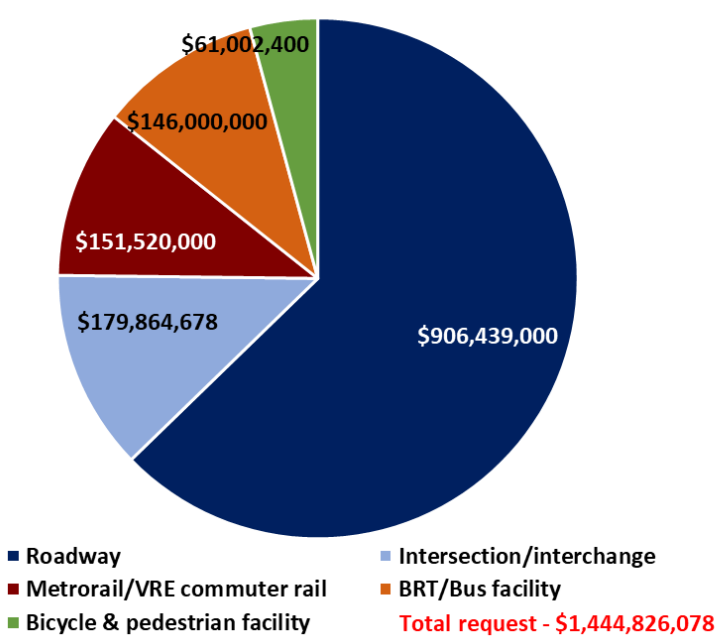
Context: Summary of Candidate Projects



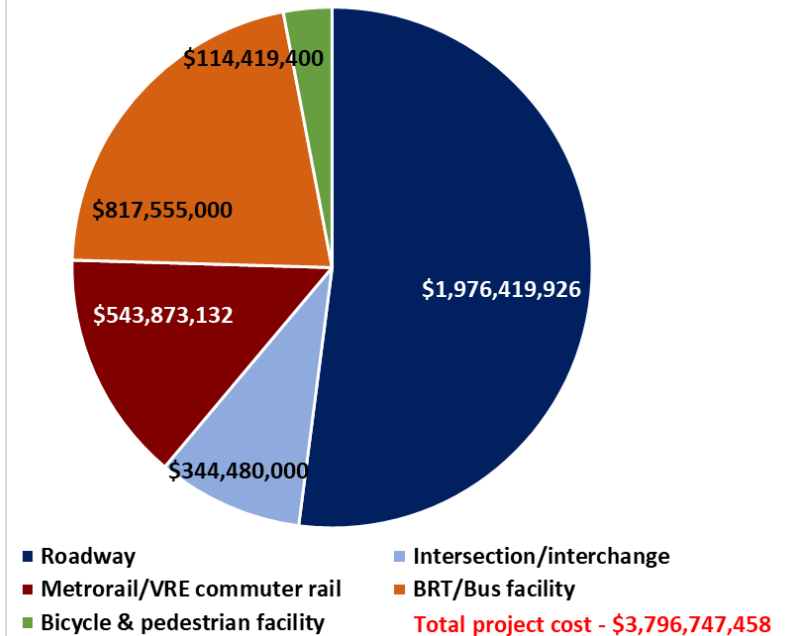
NVTA FY2020-2025 SYP Number of Applications



NVTA FY2020-2025 SYP Requested Amount (\$)



NVTA FY2020-2025 SYP Total Project Cost (\$)





Key Components of the Project Selection Process



In addition to funding availability, NVTA's project selection process comprises:

- Eligibility Review (TransAction, Governing Body resolution, candidate project located in NoVA)
- Quantitative Analysis
 - Congestion Reduction Relative to Cost (CRRC) ratios (consistent with HB2313 (2013))
 - TransAction project ratings (consistent with HB599 (2012))
 - **NEW:** Long Term Benefit (consistent with HB2313 (2013) and NVTA LTB Principles, approved in December 2014)
- Qualitative Analysis
 - Continuation project (Yes or No?)
 - Past performance (assessed at the jurisdiction/agency and project levels, where appropriate)
 - Extent of committed external funding
 - Funding gap
 - Project readiness
 - Supporting resolutions from other Governing Bodies
 - Other factors specific to individual candidate projects
 - Modal and geographic balance
- Public Comment (testimony, emails, and petitions received during the official public comment period)



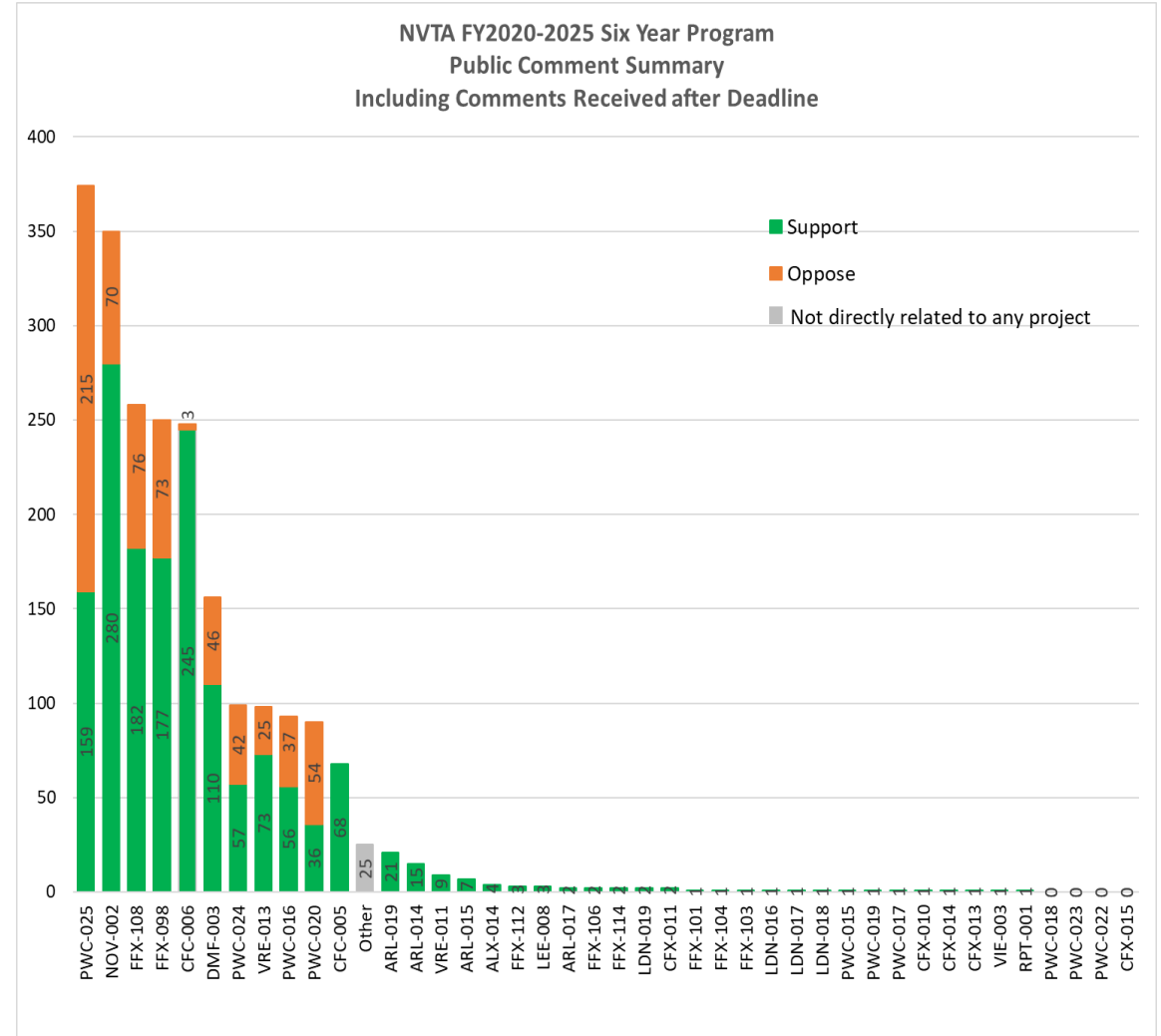
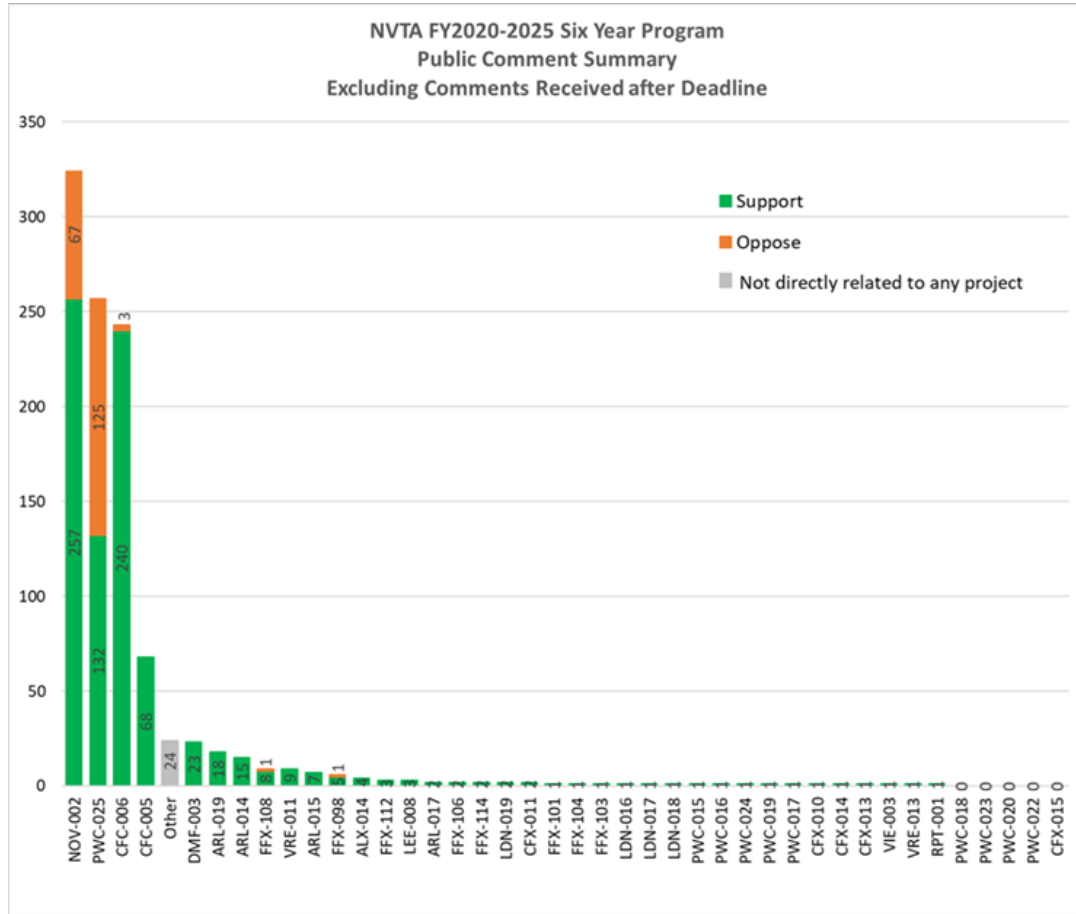
Quantitative and Qualitative Analyses



Application ID#	Jurisdiction / Agency	Project	Primary and supporting modal components	Fund request	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	Continuation Projects	Jurisdiction/ Agency					
CFX-015	City of Fairfax	Jermantown Road/Route 29 Intersection Improvements	☞ ☞ ☞	\$ 700,000	PE, ROW, CN										54.31	29	395.72	1
CFX-014	City of Fairfax	Government Center Parkway Extension	☞ ☞ ☞	\$ 3,540,000											53.25	32	166.47	2
PWC-024	Prince William Co	North Woodbridge Mobility Improvements	☞ ☞ ☞	\$ 8,000,000											59.60	9	133.20	3
FFX-101	Fairfax Co	Fairfax County Parkway Widening: Lee Highway (Route 29) to Nomes Court*	☞ ☞ ☞	\$ 37,400,000											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											63.64	6	59.05	5
PWC-017	Prince William Co	Prince William Parkway at Clover Hill Road Innovative Intersection*	☞ ☞ ☞	\$ 11,000,000											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											57.23	20	49.95	7
CFX-010	City of Fairfax	Intersection Improvements at Eaton Place/Chain Bridge Road*	☞ ☞ ☞	\$ 11,600,000	CN										58.13	14	39.42	8
ALX-014	City of Alexandria	Alexandria Duke Street Transitway*	☞ ☞ ☞	\$ 75,000,000										Note A	65.03	5	38.98	9
PWC-016	Prince William Co	Summit School Road Extension and Telegraph Road Widening*	☞ ☞ ☞	\$ 24,000,000											63.06	7	37.08	10
CFX-011	City of Fairfax	Old Lee Highway Multimodal Improvements*	☞ ☞ ☞	\$ 8,000,000	CN										58.22	13	32.96	11
PWC-015	Prince William Co	Construct Route 28 Corridor Roadway Improvements*	☞ ☞ ☞	\$ 50,000,000	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											50.48	40	29.39	13
ARL-015	Arlington Co	Rosslyn Multimodal Network Improvements	☞ ☞ ☞	\$ 11,874,000											58.51	12	28.78	14
LDN-019	Loudoun Co	Evergreen Mills Road Widening from Northstar Boulevard to Stone Springs Boulevard	☞ ☞ ☞	\$ 18,000,000											53.05	35	25.41	15
VRE-011	VRE	VRE Crystal City Station Improvements*	☞ ☞ ☞	\$ 15,800,000											57.62	17	23.86	16
CFC-006	City of Falls Church	West Falls Church Access to Transit and Multimodal Connectivity	☞ ☞ ☞	\$ 6,900,000											54.81	27	23.48	17
NOV-002	NOVA Parks	Arlington W&OD Trail Enhancements	☞ ☞ ☞	\$ 5,646,000											53.16	34	23.35	18
CFC-005	City of Falls Church	Downtown Falls Church Multimodal Improvements	☞ ☞ ☞	\$ 8,300,000											56.18	24	20.78	19
FFX-098	Fairfax Co	Richmond Highway (Route 1) BRT*	☞ ☞ ☞	\$ 71,000,000	ROW, CN									Note B	90.00	1	19.02	20
CFX-013	City of Fairfax	Roadway Network Northfax West*	☞ ☞ ☞	\$ 2,400,000	ROW										57.73	16	17.50	21
VRE-013	VRE	VRE Woodbridge Station Improvements	☞ ☞ ☞	\$ 2,210,000	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	ROW, CN										54.06	30	14.19	23
RPT-002	DRPT	Franconia-Springfield Passenger Rail Bypass	☞ ☞ ☞	\$ 100,000,000											60.37	8	13.52	24
FFX-108	Fairfax Co	Richmond Highway Widening From Route 235 North to Route 235 South*	☞ ☞ ☞	\$ 183,700,000										Note C	79.93	3	13.48	25
VIE-003	Town of Vienna	Vienna Regional Bikesharing	☞ ☞ ☞	\$ 282,400											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	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											55.22	25	9.85	28
FFX-106	Fairfax Co	Soapstone Drive Extension: Sunset Hills Road to Sunrise Valley Drive	☞ ☞ ☞	\$ 69,000,000											57.41	19	8.86	29
PWC-020	Prince William Co	Prince William Parkway at Old Bridge Road Intersection Improvements	☞ ☞ ☞	\$ 30,000,000											52.08	37	8.43	30
LDN-017	Loudoun Co	Belmont Ridge Road Widening: Shreveport Drive to Evergreen Mills Road	☞ ☞ ☞	\$ 11,899,000											52.99	36	7.44	31
ARL-019	Arlington Co	Ballston-MU Metrorail Station West Entrance*	☞ ☞ ☞	\$ 33,510,000	CN									Note D	57.22	21	7.33	32
FFX-103	Fairfax Co	Frontier Drive Extension and Intersection Improvements*	☞ ☞ ☞	\$ 105,000,000											56.34	22	6.81	33
PWC-023	Prince William Co	University Boulevard Extension: Devlin Road to Wellington Road	☞ ☞ ☞	\$ 26,500,000											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											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											50.00	41	3.85	36
FFX-104	Fairfax Co	Braddock Road Corridor and Intersection Improvements: Guinea Road to Ravensworth Road	☞ ☞ ☞	\$ 79,000,000											58.69	10	2.70	37
PWC-022	Prince William Co	Wellington Road Widening: University Boulevard to Devlin Road	☞ ☞ ☞	\$ 6,000,000	ROW, CN										53.24	33	2.01	38
ARL-017	Arlington Co	Arlington National Cemetery Wall Trail	☞ ☞ ☞	\$ 2,000,000	CN										57.44	18	1.58	39
PWC-019	Prince William Co	Route 234 and Sudley Manor Drive Interchange	☞ ☞ ☞	\$ 10,000,000	ROW, CN										57.94	15	1.07	40
FFX-114	Fairfax Co	Seven Corners Ring Road Improvements	☞ ☞ ☞	\$ 94,800,000											54.51	28	0.36	41



Public Comments





Overview of NVTA Staff Recommendations



- Recommending 19/41 candidate projects
 - 14/19 recommended projects are ranked in the top 18 CRRC ratios
 - Nine projects are continuation projects, ten are first-time projects for NVTA
 - 15/19 projects recommended for full funding, enabling project completion
- Modally and geographically balanced overall, including \$45+M where the primary mode is bike/pedestrian
- Not recommending 22/41 candidate projects
 - Seven continuation projects
 - 15 first-time projects



Overview of NVTA Staff Recommendations



- Multimodal perspective
 - Continued emphasis on road/rail/transit in the Route 1/VRE Fredericksburg Line corridor
 - Continued emphasis on Fairfax County Parkway corridor
 - Continued emphasis on BRT solutions
 - Synergies in Crystal City and western Falls Church
 - Increased focus on grid network solutions
 - Increased focus on active transportation solutions



NVTA Staff Recommendations



Three largest funding recommended allocations to continuation projects (52 percent of total)

- **\$120,387,962** (requested \$183,700,000) – Route 1 Widening (Fairfax County) CRRC rank #25
- **\$78,000,000** – Route 1 Widening (Dumfries) CRRC rank #5
- **\$75,000,000** – Duke Street Transitway (Alexandria) CRRC rank #9



NVTA Staff Recommendations



Completion of six other continuation projects (22 percent of total)

- **\$37,400,000** – Fairfax County Parkway Widening: Lee Highway (Route 29) to Nomes Court (Fairfax County) CRRC rank #4
- **\$27,700,000** – Rolling Road Widening from Hunter Village Drive to Old Keene Mill Road (Fairfax County) CRRC rank #7
- **\$24,000,000** – Summit School Road Extension and Telegraph Road Widening (Prince William County) CRRC rank #10
- **\$15,800,000** – Crystal City Station Improvements (VRE) CRRC rank #16
- **\$8,000,000** – Old Lee Highway Multimodal Improvements (City of Fairfax) CRRC rank #11
- **\$2,200,000** – Roadway Network Northfax West (City of Fairfax) CRRC rank #21



NVTA Staff Recommendations



Completion of seven projects that are receiving NVTA regional revenues for the first time (20 percent of total)

- **\$36,700,000** – Crosstrail Boulevard: Sycolin Road to Dulles Greenway (Loudoun County) CRRC rank #13
- **\$18,000,000** – Evergreen Mills Road Widening from Northstar Boulevard to Stone Springs Boulevard (Loudoun County) CRRC rank #15
- **\$18,000,000** – CC2DCA Intermodal Connector: From Crystal City to Ronald Reagan Washington National Airport (Arlington County) CRRC rank #35
- **\$11,874,000** – Rosslyn Multimodal Network Improvements (Arlington County) CRRC rank #14
- **\$8,000,000** – North Woodbridge Mobility Improvements (Prince William County) CRRC rank #3
- **\$6,900,000** – West Falls Church Access to Transit and Multimodal Connectivity (City of Falls Church) CRRC rank #17
- **\$3,540,000** – Government Center Parkway Extension (City of Fairfax) CRRC rank #2



NVTA Staff Recommendations



Partial funding allocation recommendations to three additional new NVTA projects (six percent of total)

- **\$15,000,000** (requested \$100,000,000) – Franconia-Springfield Passenger Rail Bypass (DRPT) CRRC rank #24
 - Modal balance/external funding
- **\$15,000,000** (requested \$69,000,000) – Soapstone Drive Extension: Sunset Hills Road to Sunrise Valley Drive (Fairfax County) CRRC rank #29
 - Geographical balance/external funding
- **\$650,000** (requested \$5,646,000) – Arlington W&OD Trail Enhancements (NOVA Parks) CRRC rank #18
 - Public comment



Summary Table



Jurisdiction/ Agency	Applications (#)	Requested amount (\$)	Share of Total Request	Recommended projects (#)	Recommended amount (\$)	Share of Total Recommendation
Arlington County	4	65,384,000	5%	2	29,874,000	6%
Fairfax County	8	667,600,000	46%	4	200,487,962	38%
Loudoun County	4	96,599,000	7%	2	54,700,000	10%
Prince William County	10	180,300,000	12%	2	32,000,000	6%
City of Alexandria	1	75,000,000	5%	1	75,000,000	14%
City of Fairfax	5	26,240,000	2%	3	13,740,000	3%
City of Falls Church	2	15,200,000	1%	1	6,900,000	1%
Town of Dumfries	1	78,000,000	5%	1	78,000,000	15%
Town of Leesburg	1	116,564,678	8%	0	-	0%
Town of Vienna	1	282,400	0.02%	0	-	0%
NOVA Parks	1	5,646,000	0.39%	1	650,000	0.1%
VRE	2	18,010,000	1%	1	15,800,000	3%
DRPT	1	100,000,000	7%	1	15,000,000	3%
Total	41	1,444,826,078	100%	19	522,151,962	100%



Summary Table



Primary Mode	Applications (#)	Requested amount (\$)	Share of Total Request	Recommended projects (#)	Recommended amount (\$)	Share of Total Recommendation
Road/ Intersection	27	1,086,303,678	75%	11	370,927,962	71%
Transit	6	297,520,000	21%	3	105,800,000	20%
Bicycle/ Pedestrian	8	61,002,400	4%	5	45,424,000	9%
Total	41	1,444,826,078	100%	19	522,151,962	100%



Next Steps

- **March 13, 2020** Public comment period started
- **May 14, 2020** Authority hosted Public Hearing; approved available PayGo amount
- **May 24, 2020** Public comment period ended
- **June 9, 2020** NVTA staff releases SYP recommendations, incorporating public comment, and requests feedback from:
 - June 17
 - Planning Coordination Advisory Committee (PCAC)
 - Technical Advisory Committee (TAC)
 - June 19
 - Planning and Programming Committee (PPC); PPC consolidates SYP recommendations
- **June 24, 2020** Post final recommendations
- **July 9, 2020** Authority adopts FY2020-2025 SYP
- **July 2021** Anticipated CfRTP for FY2022-2027 SYP