

NORTHERN VIRGINIA TRANSPORTATION AUTHORITY

MEMORANDUM

FOR: Chair Phyllis J. Randall and Members
Northern Virginia Transportation Authority

FROM: Monica Backmon, Chief Executive Officer

DATE: March 2, 2023

SUBJECT: Approval of the FY2029 Congestion Mitigation Air Quality Improvement Program (CMAQ) and Regional Surface Transportation Program (RSTP) Recommendations to the Commonwealth Transportation Board

1. **Purpose:** To seek Northern Virginia Transportation Authority (NVTA) approval of the Congestion Mitigation Air Quality Improvement Program (CMAQ) and Regional Surface Transportation Program (RSTP) recommendation to the Commonwealth Transportation Board (CTB).
2. **Suggested Motion:** *I move Authority approval of the Congestion Mitigation Air Quality Improvement Program (CMAQ) and Regional Surface Transportation Program (RSTP) recommendations to the Commonwealth Transportation Board (CTB), as presented in the attachment.*
3. **Background:** The NVTA established a deadline of Friday, January 13, 2023, as the submission deadline for FY2029 CMAQ and RSTP applications. NVTA staff, in coordination with the jurisdictions and agencies who applied during this cycle of funding, developed the attached recommended list of projects and the proposed funding allocations.

44 CMAQ and RSTP applications were received, totaling \$181,898,236.

The estimated funding available for distribution in FY2029 is \$80,576,424 (subject to change based on final Federal allocations):

CMAQ	\$23,713,070
RSTP	<u>\$56,863,354</u>
Total:	<u>\$80,576,424</u>

Virginia Department of Transportation (VDOT) provides the local matches for both the CMAQ and the RSTP funds, provided that the projects utilize the funds within established timelines. For the CMAQ program, the recipient has 24 months to obligate the funds and then 48 months to expend the funds. For the RSTP program, the recipient has 12 months to obligate the funds and then 36 months to expend the funds.

Per Authority recommendation, the FY2029 CMAQ and RSTP funding recommendations will be forwarded to the CTB for inclusion in the Six Year Improvement Program (SYIP). It is anticipated that the CTB will take action on the SYIP at the June 2023 meeting.

The FY2029 CMAQ/RSTP funding recommendations were reviewed and discussed by the Regional Jurisdiction and Agency Coordination Committee (RJACC) at its February 23, 2023, meeting.

Attachment: Proposed FY2029 CMAQ and RSTP Funding Recommendations

CMAQ/RSTP Allocations for Northern Virginia - FY 2029

FY 2029 CMAQ/RSTP Proposed Allocations			
Winter 2023 Strawman			
CMAQ			
FY 2029 ESTIMATE		\$	23,713,070
OFF-THE-TOP PROJECTS, REGIONAL	OVERALL RANKING	REQUESTED	PROPOSED
Clean Air Partners	1 of 1	\$ 292,683.00	\$ 292,683.00
Commuter Operations Center/Northern Virginia Transportation Demand Management (TDM) Program	1 of 1	\$ 4,040,553.00	\$ 3,020,277.00
Metropolitan Area Transportation Operations Coordination (MATOC) Program Operations	2 of 3	\$ 952,000.00	\$ 952,000.00
TOTAL OFF-THE-TOP		\$ 5,285,236.00	\$ 4,264,960.00
CMAQ BALANCE REMAINING FOR JURISDICTIONAL ALLOCATION			\$ 19,448,110.00
JURISDICTIONAL ALLOCATIONS	OVERALL RANKING	REQUESTED	PROPOSED
ALEXANDRIA, CITY OF			
Duke Street Transitway Operations	1 of 2	\$ 3,750,000.00	\$ 3,395,000.00
ARLINGTON COUNTY			
Arlington County Commuter Services	2 of 3	\$ 7,000,000.00	See RSTP
Arlington Boulevard Trail: Edison to George Mason	3 of 3	\$ 250,000.00	\$ 300,000.00
Traffic Signal Optimization	1 of 3	\$ 750,000.00	\$ 375,000.00
DUMFRIES, TOWN OF			
None submitted.	N/A	N/A	\$ -
FAIRFAX, CITY OF			
None submitted.	N/A	N/A	\$ -
FAIRFAX COUNTY			
Richmond Highway Bus Rapid Transit (BRT) (Huntington Metrorail Station to Fort Belvoir)	2 of 9	\$ 20,000,000.00	\$ 4,560,700.00
Mason Neck Trail (Gunston Road Walkway) North Segment	5 of 9	\$ 10,000,000.00	\$ -
Countywide Transit Stores	8 of 9	\$ 700,000.00	\$ 700,000.00
FALLS CHURCH, CITY OF			
None submitted.	N/A	N/A	\$ -
HERNDON, TOWN OF			
Townwide ADA Sidewalk and Trail Improvements	2 of 2	\$ 750,000.00	\$ 100,000.00
LEESBURG, TOWN OF			
None submitted.	N/A	N/A	\$ -
LOUDOUN COUNTY			
Lowes Island Park and Ride	4 of 4	\$ 30,000.00	\$ 30,000.00
High Priority Intersection Improvements (HPII)	2 of 3	\$ 2,000,000.00	See RSTP
High Priority Sidewalk and Pedestrian Improvements (HPSPI)	1 of 3	\$ 2,000,000.00	See RSTP
Intelligent Transportation Systems (ITS) Improvement	3 of 3	\$ 2,000,000.00	See RSTP
MANASSAS, CITY OF			
Bus Stop Enhancements Project	1 of 1	\$ 200,000.00	\$ 200,000.00
MANASSAS PARK, CITY OF			
Manassas Park Trails Construction	2 of 2	\$ 500,000.00	\$ 217,097.00
PRINCE WILLIAM COUNTY			
None submitted.	N/A	N/A	\$ -
PURCELLVILLE, TOWN OF			
None submitted.	N/A	N/A	\$ -
VIENNA, TOWN OF			
None submitted.	N/A	N/A	\$ -
TOTAL JURISDICTIONAL		\$ 49,930,000.00	\$ 9,877,797.00

AGENCY ALLOCATIONS	OVERALL RANKING	REQUESTED	PROPOSED
PRTC		\$ 5,920,000.00	\$ 4,120,313.00
PRTC Bus Replacement Program	1 of 3	\$ 5,320,000.00	\$ 3,520,313.00
PRTC Commuter Assistance Program	2 of 3	\$ 300,000.00	\$ 300,000.00
PRTC Bus Shelter Program	3 of 3	\$ 300,000.00	\$ 300,000.00
VDOT		\$ 2,450,000.00	\$ 2,450,000.00
Safety Service Patrol along Route 28 between I-66 and Route 7	3 of 3	\$ 450,000.00	\$ 450,000.00
VDOT Northern Region Signal Timing Optimization and Real-time Signal Operations	1 of 3	\$ 2,000,000.00	\$ 2,000,000.00
VRE		\$ -	\$ -
None submitted.	N/A	N/A	\$ -
WMATA		\$ 8,713,000.00	\$ 3,000,000.00
WMATA FY2029 - Bus Replacement	1 of 1	\$ 8,713,000.00	\$ 3,000,000.00
TOTAL AGENCY		\$ 17,083,000.00	\$ 9,570,313.00
TOTAL CMAQ		\$ 72,298,236.00	\$ 23,713,070.00
Comparison to available funding		\$ (48,585,166.00)	\$ -

FY 2029 CMAQ/RSTP Proposed Allocations			
Winter 2023 Strawman			
RSTP			
FY 2029 ESTIMATE		\$	56,863,354.00
OFF-THE-TOP PROJECTS, REGIONAL	OVERALL RANKING	REQUESTED	PROPOSED
TOTAL OFF-THE-TOP		\$ -	\$ -
CMAQ BALANCE REMAINING FOR JURISDICTIONAL ALLOCATION			\$ 56,863,354.00
JURISDICTIONAL ALLOCATIONS	OVERALL RANKING	REQUESTED	PROPOSED
ALEXANDRIA, CITY OF			
Alexandria Mobility Plan Update	2 of 2	\$ 750,000.00	\$ 750,000.00
ARLINGTON COUNTY			
Arlington County Commuter Services	2 of 3	\$ 7,000,000.00	\$ 5,575,000.00
DUMFRIES, TOWN OF			
None submitted.	N/A	N/A	\$ -
FAIRFAX, CITY OF			
Bridge (Roadway) Rehabilitation	1 of 1	\$ 1,000,000.00	\$ 750,000.00
FAIRFAX COUNTY			
Richmond Highway Widening (Mt. Vernon Memorial Highway to Sherwood Hall Lane)	1 of 9	\$ 15,000,000.00	\$ 6,000,000.00
Richmond Highway Bus Rapid Transit (BRT) (Huntington Metrorail Station to Fort Belvoir)	2 of 9	N/A	\$ 9,644,576.00
Frontier Drive Extension (Franconia-Springfield Metrorail Station to Loisdale Road)	3 of 9	\$ 20,000,000.00	\$ 9,000,000.00
Seven Corners Ring Road (Phase 1A/Segment 1A)	4 of 9	\$ 15,000,000.00	\$ -
Davis Drive Bridge	6 of 9	\$ 15,000,000.00	\$ -
Town Center Parkway Extension	7 of 9	\$ 10,000,000.00	\$ -
Route 7 Bus Rapid Transit (BRT)	9 of 9	\$ 5,000,000.00	\$ -
FALLS CHURCH, CITY OF			
Pedestrian, Bicycle, Bridge, and Traffic Calming Improvements	1 of 1	\$ 650,000.00	\$ 433,333.00
HERNDON, TOWN OF			
East Elden Street Widening & Improvements (UPC# 50100)	1 of 2	\$ 1,500,000.00	\$ 800,000.00
LEESBURG, TOWN OF			
Route 15 Bypass Interchange at Edwards Ferry Road and Fort Evans Road	1	\$ 2,000,000.00	\$ 1,500,000.00
LOUDOUN COUNTY			
High Priority Intersection Improvements (HP11)	2 of 3	\$ 2,000,000.00	\$ 3,500,000.00
High Priority Sidewalk and Pedestrian Improvements (HPSP1)	1 of 3	\$ 2,000,000.00	\$ 4,000,000.00
Intelligent Transportation Systems (ITS) Improvement	3 of 3	\$ 2,000,000.00	\$ 3,000,000.00
MANASSAS, CITY OF			
Transportation Master Plan	1 of 2	\$ 400,000.00	\$ 1,110,445.00
Dean Drive Widening	2 of 2	\$ 1,000,000.00	\$ 710,445.00
MANASSAS PARK, CITY OF			
Mathis Avenue Extension Design	1 of 2	\$ 300,000.00	\$ 300,000.00
PRINCE WILLIAM COUNTY			
Minnieville Road/Prince William Parkway Interchange	1 of 4	\$ 6,000,000.00	\$ 6,000,000.00
Route 123 and Old Bridge Road Intersection Improvements	2 of 4	\$ 4,500,000.00	\$ 4,500,000.00
Devlin Road Widening	3 of 4	\$ 4,500,000.00	\$ -
Route 1/123 Interchange	4 of 4	\$ 1,000,000.00	\$ -
PURCELLVILLE, TOWN OF			
None submitted.	N/A	N/A	\$ -
VIENNA, TOWN OF			
None submitted.	N/A	N/A	\$ -
TOTAL JURISDICTIONAL		\$ 100,600,000.00	\$ 56,863,354.00
TOTAL RSTP		\$ 100,600,000.00	\$ 56,863,354.00
Comparison to available funding		\$ (43,736,646.00)	\$ -