

NORTHERN VIRGINIA TRANSPORTATION AUTHORITY

MEMORANDUM

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

FROM: Monica Backmon, Executive Director

DATE: April 1, 2021

SUBJECT: Approval of the Programming Recommendations of the FY2027 Congestion Mitigation Air Quality (CMAQ) and Regional Surface Transportation Program (RSTP) Funds

- 1. Purpose.** To seek Northern Virginia Transportation Authority (NVTA) recommendation of Commonwealth Transportation Board (CTB) funding approval of the attached list of projects for funding for FY2027 CMAQ and RSTP funds.
- 2. Suggested Motion:** *I move Authority recommendation to the Commonwealth Transportation Board, funding approval of the proposed projects for FY2027 CMAQ and RSTP funds, as presented in Option 1 (attachment).*
- 3. Background.** The NVTA established a deadline of Friday, January 15, 2021, as the submission deadline for FY2027 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 (Option 1) and the proposed funding allocations.
For FY2027, 33 CMAQ and RSTP applications were received, totaling \$130,993,257.
The estimated funding available for distribution in FY2027 is estimated to be \$70,703,055 (subject to change based on final Federal allocations):

CMAQ	\$20,482,441
RSTP	\$50,220,614
Total:	\$70,703,055

The FY2027 CMAQ/RSTP funding recommendations were reviewed by the Regional Jurisdiction and Agency Coordination Committee (RJACC) at its February 25 and March 25,

2021 meetings. Two funding recommendation options were reviewed by the RJACC as VDOT amended their initial funding request.

Option 1 recommends four off the top projects totaling \$1,825,880.

Option 2 recommends four off the top projects totaling \$5,662,257.

After a robust discussion, given some concerns expressed about some of the off the top project (TERMs) programming requests, the RJACC recommended Option 1 for the Authority's consideration. However, at the request of VDOT, Option 2 is also being presented for the Authority's consideration given the lack of availability of state CMAQ/RSTP funds to fund the off the top/TERMs projects at the requested amount.

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 of the preferred option, the FY2027 CMAQ and RSTP funding recommendations will be sent to the Commonwealth Transportation Board (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 2021 meeting.

Additionally, the estimated CMAQ/RSTP funding available for distribution for FY2022-FY2027 was revised with a **net reduction of \$59,809,364**, based on the recent federal extension of FAST Act not accounting for program growth (subject to change based on final Federal allocations). NVTa staff worked with the RJACC to identify projects where these reductions to be made and the RJACC approved the changes at its March 25, 2021 meeting.

NVTa staff and I will be available at the NVTa meeting on April 8, 2021, to answer questions.

Attachment(s): NVTa's Proposed FY 2027 CMAQ and RSTP Funding Recommendations

CMAQ/RSTP Allocations for Northern Virginia - FY 2027

Attachment 1.

03/25/2021

FY 2027 CMAQ/RSTP Proposed Allocations
Winter 2020 Strawman

Option 1

CMAQ Estimate \$ 20,482,441

CMAQ FUNDS

Overall Ranking	FY 2027	
	Requested	Proposed
OFF-THE-TOP PROJECTS/REGIONAL	\$ 5,662,257	\$ 1,825,880
VDOT-COG/TPB - Commuter Connections Operations Center (UPC 52726/111652)	\$3,836,375	\$350,000
VDOT/COG - Metropolitan Area Transportation Operations Coordination (MATOC), (UPC T17894)	\$800,000	\$800,000
VDOT - Clean Air Partners (T21559 (previous UPC's 52725, 113349 and T21450))	\$275,882	\$275,880
VDOT - Multimodal Transit Information and Incentive Dissemination	\$750,000	\$400,000
CMAQ BALANCE REMAINING FOR JURISDICTIONAL ALLOCATIONS	\$ -	\$ 18,656,561

JURISDICTIONAL ALLOCATIONS*

Overall Ranking	Requested	Proposed
ALEXANDRIA, CITY	\$ 3,500,000	\$ 3,023,000
Duke Street BRT Transitway Operations	\$3,500,000	\$3,023,000
ARLINGTON COUNTY	\$ 8,550,000	\$ 5,549,400
Commuter Services Program (ACCS),(UPC T100) (See RSTP)	\$7,500,000	\$5,080,800
Capital Bikeshare	\$1,050,000	\$468,600
DUMFRIES, TOWN	\$ -	\$ -
FAIRFAX, CITY	\$ -	\$ -
FAIRFAX COUNTY	\$ 10,700,000	\$604,600
Richmond Highway Bus Rapid Transit (UPC 106921)	\$10,000,000	
Countywide Transit Stores (UPC T207)	\$700,000	\$604,600
FALLS CHURCH, CITY	\$ -	\$ -
HERNDON, TOWN	\$ 700,000	\$ 604,600
Herndon Metrorail Intermodal Access Improvements (UPC 106986, 104328)	\$700,000	\$604,600
LEESBURG, TOWN	\$ -	\$ -
LOUDOUN COUNTY	\$ 5,030,000	\$97,961
Lowes Island Park & Ride Lot Lease (UPC 79679)	\$30,000	\$30,000
Route 15 Roundabout and Braddock Road (See RSTP)	\$5,000,000	\$67,961
MANASSAS, CITY	\$ 500,000	\$ 500,000
Stonewall Park Trail Extension (Phase I)	\$500,000	\$500,000
MANASSAS PARK, CITY	\$ -	\$ -
PRINCE WILLIAM COUNTY	\$ -	\$ -
PURCELLVILLE, TOWN	\$ -	\$ -
VIENNA, TOWN	\$ -	\$ -
Total Jurisdictional	\$ 28,980,000	\$ 10,379,561

AGENCY ALLOCATIONS

	Requested	Proposed
	\$ 2,904,000	\$ 2,508,000
1 of 2	\$2,754,000	\$2,358,000
2 of 2	\$150,000	\$150,000
	\$ 2,397,000	\$ 2,069,000
5 of 6	\$2,000,000	\$1,727,000
6 of 6	\$397,000	\$342,000
	\$ 5,500,000	\$ 3,700,000
1 of 1	\$5,500,000	\$3,700,000
	\$ -	\$ -
Total Agency	\$ 10,801,000	\$ 8,277,000
TOTAL CMAQ	\$ 45,443,257	\$ 20,482,441

**FY 2027 CMAQ/RSTP Proposed Allocations
Winter 2020 Strawman**

RSTP Initial Estimate \$ 50,220,614

RSTP Estimate \$ 50,220,614

RSTP FUNDS	Overall Ranking	FY 2027	
		Requested	Proposed
OFF-THE-TOP PROJECTS/REGIONAL		\$ -	
RSTP BALANCE REMAINING FOR JURISDICTIONAL ALLOCATIONS			\$ 50,220,614
JURISDICTIONAL ALLOCATIONS*		Requested	Proposed
ALEXANDRIA, CITY		\$ 1,000,000	\$ 883,000
Smart Mobility Implementation	2 of 2	\$1,000,000	\$883,000
ARLINGTON COUNTY		\$ -	\$ 68,200
Commuter Services Program (ACCS),(UPC T100) (See CMAQ)	1 of 2		\$68,200
DUMFRIES, TOWN		\$ -	\$ -
FAIRFAX, CITY		\$ 1,000,000	\$ 680,050
Multimodal Transportation Improvements	1 of 1	\$1,000,000	\$680,050
FAIRFAX COUNTY		\$ 59,000,000	\$ 26,495,000
Richmond Highway Widening (UPC 107187)	1 of 6	\$20,000,000	\$20,000,000
Fairfax County Parkway Improvements	2 of 6	\$10,000,000	\$6,495,000
Richmond Highway Bus Rapid Transit (UPC 106921)	3 of 6		
Soapstone Drive Extension (112479)	4 of 6	\$20,000,000	
Seven Corners Ring Road - Phase 1A/Segment 1A (UPC T17486)	5 of 6	\$9,000,000	
FALLS CHURCH, CITY		\$ 550,000	\$ 377,825
Pedestrian, Bicycle, Bridge, and Traffic Calming Improvements (UPC 100411)	1 of 1	\$550,000	\$377,825
HERNDON, TOWN		\$ 1,000,000	\$ 114,000
Sterling Road Multi-Modal Improvements	2 of 2	\$1,000,000	\$114,000
LEESBURG, TOWN		\$ 2,000,000	\$ 1,589,700
Route 15 Bypass @ Edwards Ferry Rd Interchange (UPC 89890)	1 of 1	\$2,000,000	\$1,589,700
LOUDOUN COUNTY		\$ 7,000,000	\$ 9,293,039
Route 15 Roundabout and Braddock Road (See CMAQ)	2 of 4		\$4,932,039
Route 7 Improvements (Route 9 to the Dulles Greenway)	3 of 4	\$2,000,000	\$2,000,000
Route 50 Collector Road	4 of 4	\$5,000,000	\$2,361,000
MANASSAS, CITY		\$ 1,500,000	\$ 638,300
Dean Drive Widening	2 of 2	\$1,500,000	\$638,300
MANASSAS PARK, CITY		\$ -	\$ -
PRINCE WILLIAM COUNTY		\$ 12,500,000	\$ 10,081,500
Route 123 and Old Bridge Road Intersection Improvements	1 of 2	\$4,000,000	\$4,000,000
Route 1/123 Interchange	2 of 2	\$8,500,000	\$6,081,500
PURCELLVILLE, TOWN		\$ -	\$ -
VIENNA, TOWN		\$ -	\$ -
Total Jurisdictional		\$ 85,550,000	\$ 50,220,614
TOTAL RSTP		\$ 85,550,000	\$ 50,220,614

CMAQ/RSTP Allocations for Northern Virginia - FY 2027

03/25/2021

FY 2027 CMAQ/RSTP Proposed Allocations
Winter 2020 Strawman

Option 2

CMAQ Estimate \$ 20,482,441

CMAQ FUNDS	Overall Ranking	FY 2027	
		Requested	Proposed
OFF-THE-TOP PROJECTS/REGIONAL		\$ 5,662,257	\$ 5,662,257
VDOT-COG/TPB - Commuter Connections Operations Center (UPC 52726/111652)	1 of 6	\$3,836,375	\$3,836,375
VDOT/COG - Metropolitan Area Transportation Operations Coordination (MATOC), (UPC T17894)	2 of 6	\$800,000	\$800,000
VDOT - Clean Air Partners (T21559 (previous UPC's 52725, 113349 and T21450))	3 of 6	\$275,882	\$275,882
VDOT - Multimodal Travel Information and Incentive Dissemination (TIID)	4 of 6	\$750,000	\$750,000
CMAQ BALANCE REMAINING FOR JURISDICTIONAL ALLOCATIONS		\$ -	\$ 14,820,184
JURISDICTIONAL ALLOCATIONS*	Overall Ranking	Requested	Proposed
ALEXANDRIA, CITY		\$ 3,500,000	\$ 2,910,000
Duke Street BRT Transitway Operations	1 of 2	\$3,500,000	\$2,910,000
ARLINGTON COUNTY		\$ 8,550,000	\$ 2,413,894
Commuter Services Program (ACCS),(UPC T100) (See RSTP)	1 of 2	\$7,500,000	\$1,913,894
Capital Bikeshare	2 of 2	\$1,050,000	\$500,000
DUMFRIES, TOWN		\$ -	\$ -
FAIRFAX, CITY		\$ -	\$ -
FAIRFAX COUNTY		\$ 10,700,000	\$550,000
Richmond Highway Bus Rapid Transit (UPC 106921)	3 of 6	\$10,000,000	
Countywide Transit Stores (UPC T207)	6 of 6	\$700,000	\$550,000
FALLS CHURCH, CITY		\$ -	\$ -
HERNDON, TOWN		\$ 700,000	\$ 650,000
Herndon Metrorail Intermodal Access Improvements (UPC 106986, 104328)	1 of 2	\$700,000	\$650,000
LEESBURG, TOWN		\$ -	\$ -
LOUDOUN COUNTY		\$ 30,000	\$30,000
Lowes Island Park & Ride Lot Lease (UPC 79679)	1 of 4	\$30,000	\$30,000
MANASSAS, CITY		\$ 500,000	\$ 462,000
Stonewall Park Trail Extension (Phase I)	1 of 2	\$500,000	\$462,000
MANASSAS PARK, CITY		\$ -	\$ -
PRINCE WILLIAM COUNTY		\$ -	\$ -
PURCELLVILLE, TOWN		\$ -	\$ -
VIENNA, TOWN		\$ -	\$ -
Total Jurisdictional		\$ 23,980,000	\$ 7,015,894
AGENCY ALLOCATIONS		Requested	Proposed
PRTC (Prince William, Manassas, Manassas Park)		\$ 2,904,000	\$ 2,300,000
Commuter Bus Replacements (4 new 45 ft. Buses), (UPC T21459)	1 of 2	\$2,754,000	\$2,150,000
PRTC Bus Shelter Program (3 new shelters)	2 of 2	\$150,000	\$150,000
VDOT		\$ 2,397,000	\$ 2,397,000
Traffic Signal Optimization (Fairfax, Loudoun, & Prince William)	5 of 6	\$2,000,000	\$2,000,000
Safety Service Patrol along Route 28 between I-66 and Route 7 (Fairfax & Loudoun)	6 of 6	\$397,000	\$397,000
WMATA (Arlington, Alexandria, Fairfax City, Fairfax County, Falls Church)		\$ 5,500,000	\$ 3,107,290
Virginia Metrobus Replacement (UPC T20133) (8 buses)	1 of 1	\$5,500,000	\$3,107,290
VRE		\$ -	\$ -
Total Agency		\$ 10,801,000	\$ 7,804,290
TOTAL CMAQ		\$ 40,443,257	\$ 20,482,441

**FY 2027 CMAQ/RSTP Proposed Allocations
Winter 2020 Strawman**

RSTP Initial Estimate \$ 50,220,614

RSTP Estimate \$ 50,220,614

RSTP FUNDS	Overall Ranking	FY 2027	
		Requested	Proposed
OFF-THE-TOP PROJECTS/REGIONAL		\$ -	
RSTP BALANCE REMAINING FOR JURISDICTIONAL ALLOCATIONS			\$ 50,220,614
JURISDICTIONAL ALLOCATIONS*		Requested	Proposed
ALEXANDRIA, CITY		\$ 1,000,000	\$ 707,000
Smart Mobility Implementation	2 of 2	\$1,000,000	\$707,000
ARLINGTON COUNTY		\$ -	\$ 2,920,106
Commuter Services Program (ACCS),(UPC T100) (See RSTP)	1 of 2		\$2,920,106
DUMFRIES, TOWN		\$ -	\$ -
FAIRFAX, CITY		\$ 1,000,000	\$ 618,000
Multimodal Transportation Improvements	1 of 1	\$1,000,000	\$618,000
FAIRFAX COUNTY		\$ 59,000,000	\$ 25,610,000
Richmond Highway Widening (UPC 107187)	1 of 6	\$20,000,000	\$20,000,000
Fairfax County Parkway Improvements	2 of 6	\$10,000,000	\$5,610,000
Richmond Highway Bus Rapid Transit (UPC 106921)	3 of 6		
Soapstone Drive Extension (112479)	4 of 6	\$20,000,000	
Seven Corners Ring Road - Phase 1A/Segment 1A (UPC T17486)	5 of 6	\$9,000,000	
FALLS CHURCH, CITY		\$ 550,000	\$ 341,500
Pedestrian, Bicycle, Bridge, and Traffic Calming Improvements (UPC 100411)	1 of 1	\$550,000	\$341,500
HERNDON, TOWN		\$ 1,000,000	\$ -
Sterling Road Multi-Modal Improvements	2 of 2	\$1,000,000	\$0
LEESBURG, TOWN		\$ 2,000,000	\$ 1,415,445
Route 15 Bypass @ Edwards Ferry Rd Interchange (UPC 89890)	1 of 1	\$2,000,000	\$1,415,445
LOUDOUN COUNTY		\$ 12,000,000	\$ 8,741,248
Route 15 Roundabout and Braddock Road	2 of 4	\$5,000,000	\$5,000,000
Route 7 Improvements (Route 9 to the Dulles Greenway)	3 of 4	\$2,000,000	\$2,000,000
Route 50 Collector Road	4 of 4	\$5,000,000	\$1,741,248
MANASSAS, CITY		\$ 1,500,000	\$ 587,315
Dean Drive Widening	2 of 2	\$1,500,000	\$587,315
MANASSAS PARK, CITY		\$ -	\$ -
PRINCE WILLIAM COUNTY		\$ 12,500,000	\$ 9,280,000
Route 123 and Old Bridge Road Intersection Improvements	1 of 2	\$4,000,000	\$4,000,000
Route 1/123 Interchange	2 of 2	\$8,500,000	\$5,280,000
PURCELLVILLE, TOWN		\$ -	\$ -
VIENNA, TOWN		\$ -	\$ -
Total Jurisdictional		\$ 90,550,000	\$ 50,220,614
TOTAL RSTP		\$ 90,550,000	\$ 50,220,614