

NORTHERN VIRGINIA TRANSPORTATION AUTHORITY

MEMORANDUM

TO: Chairman Martin E. Nohe and Members
Northern Virginia Transportation Authority

FROM: Monica Backmon, Executive Director

DATE: January 30, 2017

SUBJECT: Approval of the Programming of FY2023 Congestion Mitigation Air Quality (CMAQ) and Regional Surface Transportation Program (RSTP) Funds

- 1. Purpose.** To seek Northern Virginia Transportation Authority (NVTa) endorsement of the recommended project list for FY2023 CMAQ and RSTP funds. The recommended list will be sent to the Commonwealth Transportation Board (CTB) for action and inclusion in the Six Year Improvement Program.
- 2. Suggested Motion:** *I move approval of the recommended project list for FY2023 CMAQ and RSTP funds to be sent to the Commonwealth Transportation Board for approval and inclusion in the Six Year Improvement Program.*
- 3. Background.** The NVTa established a deadline of Wednesday, December 14, 2016, as the due date for submissions for the FY2023 CMAQ and RSTP applications. NVTa staff, in coordination with the jurisdiction and agencies who applied during this cycle of funding, developed the attached recommended list of projects and the proposed funding allocations. For FY2023, over 45 CMAQ and RSTP applications were received, totaling \$118,734,663.

The funding available for distribution in FY2023 is estimated to be (subject to change based on final Federal allocations):

CMAQ	\$29,598,216
<u>RSTP</u>	<u>\$52,644,909</u>
Total:	\$82,243,125

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.

The Regional Jurisdiction and Agency Coordinating Committee (RJACC) reviewed the projects submitted and recommended for funding at its January 26, 2017 meeting, and supports the NVTA endorsement of the attached list of CMAQ and RSTP projects for submission to the CTB for approval.

Approximately \$2,933,581 represents “off the top” programming allocations for CMAQ and RSTP funds. This amount is inclusive of funding for the following:

- COG/TPB - Commuter Connections Operations Center - \$293,131
- VDOT/COG Metropolitan Area Transportation Operations Coordination (MATOC) - \$400,000
- VDOT - Clean Air Partners - \$240,450
- Fairfax County- \$2,000,000 as per July 14, 2016 NVTA action - \$2,000,000 in RSTP funds was transferred from Fairfax County’s Route 236 and Beauregard Street Intersection Improvement Project to the City of Falls Church for the City’s Bikeshare Program. The Authority approved this transfer request with reimbursement to Fairfax County through the additional/surplus RSTP funding or during the FY2023 RSTP allocation process.

Attachment(s): NVTA’s Proposed FY2023 CMAQ and RSTP Program Allocations

FY 2023 CMAQ/RSTP Proposed Allocations
Winter 2016 Strawman

VIII. ATTACHMENT

FY2023 CMAQ Estimate \$ 29,598,216

CMAQ FUNDS	Overall Ranking	FY 2023	
		Requested	Proposed
OFF-THE-TOP PROJECTS/REGIONAL			
COG/TPB - Commuter Connections Operations Center (UPC 52726)		\$ 933,581	\$933,581
VDOT/COG - Metropolitan Area Transportation Operations Coordination (MATOC), (UPC T17894)		\$293,131	\$293,131
VDOT - Clean Air Partners (UPC 52725)		\$400,000	\$400,000
		\$240,450	\$240,450
CMAQ BALANCE REMAINING FOR JURISDICTIONAL ALLOCATIONS		\$ -	\$ 28,664,635
JURISDICTIONAL ALLOCATIONS*	Overall Ranking	Requested	Proposed
ALEXANDRIA, CITY		\$ 1,650,000	\$1,650,000
West End Transitway Operations	1 of 8	\$1,000,000	\$1,000,000
Transportation Demand Management (UPC T18035)	3 of 8	\$400,000	\$400,000
Bicycle Sharing (UPC 100420)	4 of 8	\$250,000	\$250,000
ARLINGTON COUNTY		\$ 7,850,000	\$ 6,500,000
Signal Optimization (UPC 70625)	1 of 4	\$600,000	\$600,000
Commuter Services Program (ACCS),(UPC T100)	2 of 4	\$7,000,000	\$5,900,000
Capital Bikeshare (UPC 106495)	3 of 4	\$250,000	\$0
DUMFRIES, TOWN		\$ -	\$ -
FAIRFAX, CITY		\$ -	\$ -
FAIRFAX COUNTY		\$ 5,044,635	\$5,044,635
Richmond Highway Bus Rapid Transit (UPC 106921) (See RSTP) PM2.5	1 of 7	\$4,394,635	\$4,394,635
Countywide Transit Stores (UPC T207)	6 of 7	\$650,000	\$650,000
FALLS CHURCH, CITY		\$ -	\$ -
HERNDON, TOWN		\$ 300,000	\$ 50,000
Herndon Metrorail Intermodal Access Improvements (UPC 106986, 104328)	3 of 3	\$300,000	\$50,000
LEESBURG, TOWN		\$ -	\$ -
LOUDOUN COUNTY		\$ 4,000,000	\$4,000,000
Bike/Ped for Silver Line Metrorail (UPC T17499) (See RSTP)	1 of 2	\$3,960,000	\$3,960,000
Lowe's Island Park & Ride Lot Lease (UPC 79679)	2 of 2	\$40,000	\$40,000
MANASSAS, CITY		\$ -	\$ -
MANASSAS PARK, CITY		\$ -	\$ -
PRINCE WILLIAM COUNTY		\$ 5,285,000	\$ 2,900,000
Prince William Parkway Sidewalk	3 of 5	\$ 1,100,000	\$1,100,000
Hoadly Road Asphalt Trail	4 of 5	\$ 2,485,000	\$1,800,000
Catharpin Road Asphalt Trail & John Marshall Sidewalk	5 of 5	\$ 1,700,000	\$0
PURCELLVILLE, TOWN		\$ -	\$ -
VIENNA, TOWN		\$ -	\$ -
Total Jurisdictional		\$ 24,129,635	\$ 20,144,635
AGENCY ALLOCATIONS		Requested	Proposed
PRTC (Prince William, Manassas, Manassas Park)		\$ 2,000,000	\$ 1,720,000
PRTC Commuter Assistance Program (UPCT1833)	1 of 2	\$350,000	\$350,000
Commuter Bus Replacements (3 new 45 ft. Buses), (UPC T158)	2 of 2	\$1,650,000	\$1,370,000
VDOT		\$ 2,890,000	\$ 2,400,000
Traffic Signal Optimization (Fairfax, Loudoun, & Prince William)	1 of 5	\$2,000,000	\$2,000,000
Multi-modal Travel Information Displays Upgrade and Expansion	2 of 5	\$890,000	\$400,000
WMATA (Arlington, Alexandria, Fairfax City, Fairfax County, Falls Church)		\$ 11,100,000	\$ 3,500,000
Virginia Metrobus Replacement (UPC 12878); PM 2.5	1 of 1	\$11,100,000	\$3,500,000
VRE		\$ 2,300,000	\$ 900,000
Backlick Road Station Platform Extension	1 of 5	\$500,000	\$500,000
Burke Center Station 2nd Platform	2 of 5	\$450,000	
Manassas Park Station 2nd Platform	3 of 5	\$450,000	\$400,000
Rolling Road Station 2nd Platform	4 of 5	\$450,000	
Backlick Road Station 2nd Platform	5 of 5	\$450,000	
Total Agency		\$ 18,290,000	\$ 8,520,000
TOTAL CMAQ		\$ 43,353,216	\$ 29,598,216

CMAQ PM 2.5 Set Aside Requirement (25%)	\$ 7,399,554
Total CMAQ PM 2.5 Allocation	\$ 7,894,635
CMAQ PM 2.5 Allocation as a Percentage of Total CMAQ	27%

**FY 2023 CMAQ/RSTP Proposed Allocations
Winter 2016 Strawman**
FY2023 RSTP Estimate \$ 52,644,909

RSTP FUNDS	Overall Ranking	FY 2023	
		Requested	Proposed
OFF-THE-TOP PROJECTS/REGIONAL		\$ -	\$ -
\$2,000,000 is allocated to Fairfax County off-the-top as per 7/14/2016 NVTA resolution. This is included in the allocation below.			
RSTP BALANCE REMAING FOR JURISDICTIONAL ALLOCATIONS			\$ 52,644,909
JURISDICTIONAL ALLOCATIONS*		Requested	Proposed
ALEXANDRIA, CITY		\$ 2,650,000	\$ 2,650,000
Bus Shelters (UPC 106962)	2 of 8	\$400,000	\$400,000
ITS Integration (UPC 106562)	5 of 8	\$400,000	\$400,000
DASH Technology	6 of 8	\$600,000	\$600,000
Pedestrian & Safety Mobility Enhancements	7 of 8	\$1,000,000	\$1,000,000
Parking Technologies (UPC 102943)	8 of 8	\$250,000	\$250,000
ARLINGTON COUNTY		\$ 600,000	\$ -
Transportation System Management and Communications Plant Upgrade (UPC 101689, 87493)	4 of 4	\$600,000	\$0
DUMFRIES, TOWN		\$ -	\$ -
FAIRFAX, CITY		\$ 1,000,000	\$ 755,462
Citywide Multimodal Transportation Improvements	1 of 1	\$1,000,000	\$755,462
FAIRFAX COUNTY		\$ 51,605,365	\$ 30,405,365
Richmond Highway Bus Rapid Transit (UPC 106921) (See CMAQ)	1 of 7	\$5,605,365	\$5,605,365
Richmond Highway Widening (UPC 107187)	2 of 7	\$9,000,000	\$9,000,000
Tysons Corner Roadway Improvements (UPC 100478)	3 of 7	\$9,000,000	\$7,500,000
Reston Roadway Improvements (UPC 106939)	4 of 7	\$9,000,000	\$5,000,000
Fairfax County Parkway Improvements	5 of 7	\$10,000,000	\$2,500,000
Seven Corners Interchange Improvements (UPC T17486)	7 of 7	\$9,000,000	\$800,000
FALLS CHURCH, CITY		\$ 600,000	\$ 408,000
Pedestrian, Bicycle, Bridge, and Traffic Calming Improvements (UPC 100411)	1 of 1	\$600,000	\$408,000
HERNDON, TOWN		\$ 1,200,000	\$ 750,000
East Elden Street Widening and Improvements (UPC 50100)	1 of 3	\$700,000	\$650,000
Spring Street Widening (UPC 105521)	2 of 3	\$500,000	\$100,000
LEESBURG, TOWN		\$ 1,700,000	\$ 1,650,000
Route 15 Bypass @ Edwards Ferry Rd Interchange (UPC 89890)	1 of 1	\$1,700,000	\$1,650,000
LOUDOUN COUNTY		\$ 5,800,000	\$ 5,800,000
Bike/Ped for Silver Line Metrorail (UPC T17499) (See CMAQ)	1 of 2	\$5,800,000	\$5,800,000
MANASSAS, CITY		\$ 750,000	\$ 750,000
Manassas signal replacements, span wires to mast arms Godwin Drive and Milic Street	1 of 1	\$750,000	\$750,000
MANASSAS PARK, CITY		\$ -	\$ -
PRINCE WILLIAM COUNTY		\$ 9,476,082	\$ 9,476,082
Route 15 Improvement w/ Railroad Overpass (UPC 1803)	1 of 5	\$4,738,041	\$4,738,041
Route 234/Balls Ford Road Interchange (UPC 105420)	2 of 5	\$4,738,041	\$4,738,041
PURCELLVILLE, TOWN		\$ -	\$ -
VIENNA, TOWN		\$ -	\$ -
Total Jurisdictional		\$ 75,381,447	\$ 52,644,909
TOTAL RSTP		\$ 75,381,447	\$ 52,644,909