

NORTHERN VIRGINIA TRANSPORTATION AUTHORITY

MEMORANDUM

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

FROM: Monica Backmon, Executive Director

DATE: May 5, 2017

SUBJECT: Revisions to FY2018-2023 Congestion Mitigation Air Quality (CMAQ) and
Regional Surface Transportation Program (RSTP) Fund Strawman

1. **Purpose.** To inform Northern Virginia Transportation Authority (NVTa) of the revisions to the previously adopted FY2018 and FY2023 CMAQ/RSTP Strawman.
2. **Background.** The NVTa adopted the FY2023 CMAQ/RSTP Strawman list of projects and allocations at its February 9, 2017 meeting and authorized the Executive Director to make revisions if required.

Since the adoption of the Strawman, the Virginia Department of Transportation (VDOT) informed staff of revisions to the FY2018 CMAQ and RSTP funds and the FY2023 RSTP funds. The revision to the FY2018 CMAQ/RSTP funds will result in an overall **increase** of \$1,003,681.

The revision to the FY2023 CMAQ/RSTP funds will result in a **decrease** of \$379,885 in CMAQ funds and \$872,258 in RSTP funds.

3. **Update.** The NVTa staff worked with the Regional Jurisdiction and Agency Coordinating Committee (RJACC) and recommended the following proposal to meet the revised fund allocations.

FY2018 Reductions	Jurisdiction	Project	Amount
CMAQ	Fairfax County	TMSAMS (UPC 100469)	\$ (379,885)
RSTP	Fairfax County	RMAG (UPC 100470)	\$ (872,258)
Total			\$(1,252,143)

These deductions will be compensated with FY2023 additional RSTP funds available (\$1,003,681).

FY2023 Additional Amount	Jurisdiction	Project	Amount
RSTP	Fairfax County	Route 1 Multi-modal Improvements (UPC 107187)	\$ 1,003,681

These revisions leave a compensation gap of \$248,462 to be returned to Fairfax County. The RJACC recommended that Fairfax County be reimbursed off-the-top during the FY2024 CMAQ/RSTP Strawman, which will be programmed in January-February 2018.

Attachment(s): Revised FY2023 CMAQ and RSTP Program and the revisions made to the FY2018 Program.

FY 2023 CMAQ/RSTP Proposed Allocations
Winter 2016 Strawman

XI. ATTACHMENT

FY2023 CMAQ Estimate \$ 29,598,216

CMAQ FUNDS	Overall Ranking	FY 2023	
		Requested	Proposed
OFF-THE-TOP PROJECTS/REGIONAL		\$ 933,581	\$933,581
COG/TPB - Commuter Connections Operations Center (UPC 52726)		\$293,131	\$293,131
VDOT/COG - Metropolitan Area Transportation Operations Coordination (MATOC), (UPC T17894)		\$400,000	\$400,000
VDOT - Clean Air Partners (UPC 52725)		\$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	\$3,144,165
Richmond Highway Bus Rapid Transit (UPC 106921) (See RSTP)	1 of 7		\$1,250,470
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
Lowes 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) PM 2.5	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	\$ 8,014,165
CMAQ PM 2.5 Allocation as a Percentage of Total CMAQ	27%

**FY 2023 CMAQ/RSTP Proposed Allocations
Winter 2016 Strawman**
FY2023 RSTP Estimate \$ 53,648,590

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			\$ 53,648,590
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	\$ 31,409,046
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	\$10,003,681
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	\$ 53,648,590
TOTAL RSTP		\$ 75,381,447	\$ 53,648,590

FY2018 Deductions and Compensation**4/24/2017**

FY18 Reductions	Jurisdiction	Project	Amount
CMAQ	Fairfax County	TMSAMS (UPC 100469)	\$ (379,885)
RSTP	Fairfax County	RMAG (UPC 100470)	\$ (872,258)
Total			\$ (1,252,143)

FY23 Additional Amount	Jurisdiction	Project	Amount
RSTP	Fairfax County	Route 1 Multi-modal Improvements (UPC 107187)	\$ 1,003,681
		*Already added to the Strawman	

Reamaining Gap to be filled with FY24 CMAQ/RSTP	\$ 248,462
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