

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 | | \$ 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 | \$ 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 |
| 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) | 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 | \$ 400,000 |
| Manassas Park Station 2nd Platform | 3 of 5 | \$ 450,000 | \$ 400,000 |
| Rolling Road Station 2nd Platform | 4 of 5 | \$ 450,000 | \$ 400,000 |
| Backlick Road Station 2nd Platform | 5 of 5 | \$ 450,000 | \$ 400,000 |
| 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 |