

RESOLUTION NO. 2962

**RESOLUTION TO APPLY FOR FY2027 CONGESTION MITIGATION AND
AIR QUALITY (CMAQ) AND REGIONAL SURFACE TRANSPORTATION
PROGRAM (RSTP) FUNDS**

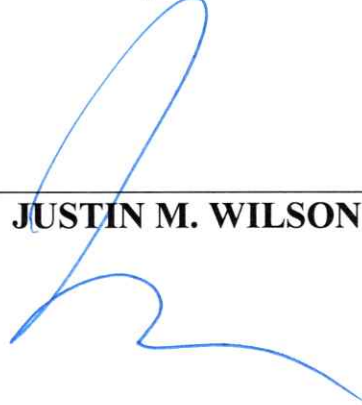
WHEREAS, the City Council of the City of Alexandria desires to submit an application to NVTa for \$4,500,000 in CMAQ and RSTP funds for FY27; and

WHEREAS, \$3,500,000 of these funds are requested to fund new transit service along the Duke Street Transitway and \$1,000,000 of these funds are requested to fund the Implementation of Smart Mobility;

**NOW, THEREFORE, BE IT RESOLVED THAT THE CITY COUNCIL OF THE CITY
OF ALEXANDRIA:**

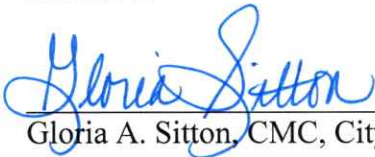
1. Hereby supports this application for an allocation of \$4,500,000 in FY 2027 through the Congestion Mitigation and Air Quality (CMAQ) and Regional Surface Transportation Program (RSTP), and
2. Hereby grants authority for the City Manager to execute project administration agreements for these funds.

Adopted: October 6, 2020



JUSTIN M. WILSON MAYOR

ATTEST:



Gloria A. Sitton, CMC, City Clerk

Attachment 2

CMAQ/RSTP FY21-FY26 Program & FY 27 Proposed											
Project Name	PRIOR YEAR	FY21	FY22	FY23	FY24	FY25	FY26	FY27 Proposed	PROJECT TOTAL		
West End Transitway Operations	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -	\$ 3,000,000		
Duke Street Transitway Operations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,500,000	\$ 3,500,000		
Alexandria Bus Shelters FY 21	\$ 463,630	\$ 823,123	\$ 500,000	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ 2,186,753		
Alexandria NEEP (New Electronic Payment Program)	\$ -	\$ 100,000	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,100,000		
Transportation Demand Management	\$ 4,519,291	\$ 600,000	\$ 650,000	\$ 400,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ -	\$ 7,669,291		
Alexandria Transit Store (Commuter Outreach)	\$ -	\$ 600,000	\$ -	\$ -	\$ 600,000	\$ -	\$ -	\$ -	\$ 1,200,000		
Bike Sharing Initiative	\$ 402,000	\$ 350,000	\$ 400,000	\$ 250,000	\$ 250,000	\$ -	\$ 350,000	\$ -	\$ 2,002,000		
ITS Integration (SMART MOBILITY)	\$ 1,053,188	\$ 223,123	\$ 1,000,000	\$ 400,000	\$ 600,000	\$ 3,084,550	\$ -	\$ -	\$ 6,360,861		
SMART Mobility Implementation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,525,000	\$ 1,000,000	\$ 4,525,000		
DASH Technology	\$ 200,000	\$ -	\$ -	\$ 600,000	\$ 250,000	\$ -	\$ -	\$ -	\$ 1,050,000		
Backlick Run Multiuse Path Phase I	\$ 2,852,132	\$ -	\$ 2,210,003	\$ 2,100,648	\$ 300,000	\$ -	\$ -	\$ -	\$ 7,462,783		
Pedestrian & Safety Mobility Enhancements on Primary Corridors	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -	\$ -	\$ 2,000,000		
Parking Technologies	\$ 773,629	\$ 629,736	\$ 450,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 2,103,365		
Transit Analysis Study	\$ 500,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000		
Transitway Enhancements	\$ 1,000,000	\$ 454,491	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,454,491		
Braddock Road Multimodal Connections	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Mount Vernon Avenue	\$ 520,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 520,000		
Bicycle Parking at Transit	\$ 505,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 505,000		
Bicycle and Pedestrian Improvements	\$ 340,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 340,000		
Van Dorn St-Beauregard St Multi-Use Trail (Bicycle Facility)	\$ 1,458,869	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,458,869		
City of Alexandria Transportation Master Plan	\$ 840,077	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 840,077		
Purchase DASH Buses	\$ 477,568	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 477,568		
	\$ 15,905,384	\$ 4,280,473	\$ 6,210,003	\$ 6,400,648	\$ 4,500,000	\$ 4,584,550	\$ 4,375,000	\$ 4,500,000	\$ 42,339,994		



Alexandria Transportation Commission
301 King Street
Alexandria, VA 22314

www.alexandriava.gov

Phone: 703.746.4025

Honorable Mayor Wilson and Members of City Council
City Hall
301 King Street
Alexandria, VA 22314

September 21, 2020

Re: Endorsement of Congestion Mitigation and Air Quality (CMAQ) and Regional Surface Transportation Program (RSTP) Project Funding Request for Fiscal Year 2027

Dear Mayor Wilson and Members of City Council:

At its September 16, 2020 meeting, the Transportation Commission voted to endorse the CMAQ and RSTP Project Funding Request for FY2027, for a total of \$4.5 million. We enthusiastically support funding for these multi-modal transportation projects which have many goals not limited to reducing congestion and air pollutants in nonattainment areas such as the Washington region. The City's request for FY 2027 includes funding for Duke Street Transitway Operations and Smart Mobility initiatives as outlined in the following table:

FY27 CMAQ/RSTP Proposed Program

Project Name	FY27
Duke Street Transitway Operations	\$3,500,000
Smart Mobility Implementation	\$1,000,000
TOTAL	\$4,500,000

The Transportation Commission appreciates Council's consideration of our endorsement of staff recommendations for the CMAQ/RSTP programs. Please don't hesitate to contact me with questions.

Sincerely,

Melissa McMahon
Chair, Alexandria Transportation Commission

cc: Alexandria Transportation Commission
City Manager Mark Jinks
Yon Lambert, Director, T&ES
Hillary Orr, Deputy Director, T&ES

City Council Request

- Approve FY 2027 CMAQ / RSTP Funding Request
- Authorize the City Manager to Submit Funding Request to NVTA and Enter into Necessary Agreements with the Commonwealth to Accept these Grants.



Smart Mobility Implementation

- Continues current and upcoming work
 - Implement Smart Mobility Framework
 - Fiber Optic, Transit/EMS Signal Priority, Adaptive Traffic Signals, Travel Time and Speed Sensors
 - Improve transit, reduce congestion, improve pedestrian safety
- Allows City flexibility
 - Technologies may change, but City still moving forward with Smart Mobility goals





Duke Street BRT Operations

- CMAQ allowed to fund operations for new transit service for first 3-5 years
 - WET operations funded FY23-FY25
- Need for operations funding for increased bus frequencies
 - Regardless of design/cross-section
- Upcoming engagement and planning for corridor
 - No design/cross-section determined yet

FY27 CMAQ / RSTP Request



Project Name	FY27
Duke Street BRT Operations	\$3,500,000
Smart Mobility Implementation	\$1,000,000
TOTAL	\$4,500,000



Timeline & Process

Timeline	Process
September 16, 2020	• Transportation Commission Consideration
October 6, 2020	• City Council Consideration and Approval
December 2020	• City submits funding request to NVTa
Spring 2021	• NVTa makes funding determinations and transmits approvals to CTB
June 2021	• CTB incorporates projects into Six Year Plan for approval

Previous Funding Totals

Year	Funding
FY 2020	\$4,232,237
FY 2021	\$4,280,860
FY 2022	\$4,000,000
FY 2023	\$4,300,000
FY2024	\$4,500,000
FY 2025	\$4,585,000
FY 2026	\$4,375,000

Typical **CMAQ**
funding amounts:
\$2.1M – \$2.8M

Typical **RSTP**
funding amounts:
\$1.0M – \$1.45M





CMAQ / RSTP FUNDING

- Funding requests are bundled to provide NVTa maximum flexibility, increasing its ability to fund more projects
- Alexandria typically receives a larger share of CMAQ funding

CMAQ

Funds projects that reduce emissions and improve air quality.

- New Projects that Reduce Emissions
- Operating Costs for Initial 3 Years of New/Expanded Service
- Non-Motorized Capital Projects
- Transportation Demand Management

RSTP

More flexible funds for projects that improve or preserve transportation infrastructure:

- General Non-Motorized Capital Projects
- Research & Studies
- Bike/Ped Improvements, Trails, ADA Upgrades
- Transportation Demand Management
- Intelligent Transportation Systems (ITS)
- Shelters and Stations



Attachment 4

FY 2027 CMAQ / RSTP Application

City Council
October 6, 2020

