

City of Alexandria, Virginia

MEMORANDUM

DATE: OCTOBER 16, 2019

TO: MEMBERS OF THE TRANSPORTATION COMMISSION

FROM: HILLARY ORR, DEPUTY DIRECTOR

SUBJECT: AGENDA ITEM 6 –CMAQ/RSTP PROGRAM FY 2026 FUNDING REQUESTS

ISSUE: Consideration of the FY 2026 Congestion Mitigation and Air Quality Improvement Program (CMAQ) and Regional Surface Transportation Program (RSTP) project funding request.

RECOMMENDATION: Transportation Commission endorses the FY 2026 CMAQ/RSTP funding request and recommend City Council consideration and approval at the November 12, 2019 Legislative session.

DISCUSSION: Since 1993, the Commonwealth has allocated CMAQ and RSTP funding to the Northern Virginia region. CMAQ funded projects must meet these three eligibility requirements: 1) have a transportation focus, 2) reduce air emissions, and 3) be located in or benefit a nonattainment or maintenance area.

RSTP funds are flexible funds that may be used for a variety of regional transportation activities, including but not limited to pedestrian and bicycle infrastructure, transit capital projects, and transportation / transit studies.

Since the Commonwealth of Virginia provides the local match required for CMAQ / RSTP funds, the City is not required to provide any local funds to receive the grants. As projects mature in the annual CIP, staff provides updated estimates of operating impacts from each of these projects.

The City of Alexandria must submit the FY 2026 CMAQ/RSTP funding request to the Northern Virginia Transportation Authority (NVTA) by December 2019. A combined table showing CMAQ / RSTP funding for FY 2021-2025 as well as the FY 2026 proposed funding can be found in Attachment 1. The City's funding request for FY 2026 is \$4.6M and includes the following projects, listed in priority order.

FY25 CMAQ/RSTP Proposed Program

Project Name	FY25
Smart Mobility Implementation	\$3,750,00
Transportation Demand Management	\$500,000
Capital Bikeshare Replacement Equipment	\$350,000
TOTAL	\$4,600,000

Smart Mobility Implementation

The Smart Mobility Program continues the work from the Intelligent Transportation System (ITS) Integration project, which installs the infrastructure needed to enable the City to connect to future technology and vehicles. This includes the installation of underground conduit and fiber optic cable, connections to the City's traffic signal network and Dedicated Short Range Communication (DSRC) at intersections. The projects within the Smart Mobility Program enable the City to better manage traffic and the transportation network. The FY 2026 funds will be focused on improving travel along key corridors, implementing parking technology solutions to better manage the City's curb space, and installing recommended technology from the Smart Mobility Framework Plan and Alexandria Mobility Plan.

Proposed Funding: \$3,750,000

Transportation Demand Management

The primary goal of the City's Transportation Demand Management (TDM) program, Go Alex, is to reduce the number of single occupant vehicles (SOV) during peak travel times and to provide information about transportation alternatives such as transit, bikeshare, carshare, rideshare, and telework. These funds will be used to implement the City's TDM program.

Proposed Funding: \$500,000

Capital Bikeshare Replacement Equipment

The City began its Capital Bikeshare program in 2013, and many stations will come to the ends of their useful lives and likely need be replaced. These funds will be used to maintain and replace existing bikeshare stations.

Proposed Funding: \$350,000

ATTACHMENTS:

Attachment 1: FY 2021 – FY 2025 CMAQ/RSTP Approved Program (with FY 2026 Proposed)

Attachment 1

CMAQ/RSTP FY21-FY25 Program & FY 26 Proposed							
Project Name	FY21	FY22	FY23	FY24	FY25	FY26 Proposed	PROJECT TOTAL
West End Transitway Operations	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ -	\$ 3,000,000
Duke Street Transitway Operations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Alexandria Bus Shelters FY 21	\$ 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	\$ 600,000	\$ 650,000	\$ 400,000	500000	\$ 500,000	\$ 500,000	\$ 7,669,291
Alexandria Transit Store (Commuter Outreach)	\$ 600,000	\$ -	\$ -	\$ 600,000	\$ -	\$ -	\$ 1,200,000
Bike Sharing Initiative	\$ 350,000	\$ 400,000	\$ 250,000	\$ 250,000	\$ -	\$ 350,000	\$ 2,002,000
ITS Integration (SMART MOBILITY)	\$ 223,123	\$ 1,000,000	\$ 400,000	\$ 600,000	\$ 3,085,000	\$ -	\$ 6,361,311
SMART Mobility Implementation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,750,000	\$ 3,750,000
DASH Technology	\$ -	\$ -	\$ 600,000	\$ 250,000	\$ -	\$ -	\$ 1,050,000
Backlick Run Multiuse Path Phase I	\$ -	\$ 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	\$ 629,736	\$ 450,000	\$ 250,000	\$ -	\$ -	\$ -	\$ 2,103,365
Transit Analysis Study	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000
Transitway Enhancements	\$ 454,491	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,454,491
CMAQ/RSTP Subtotal	\$ 4,280,473	\$ 6,210,003	\$ 6,400,648	\$ 4,500,000	\$ 4,585,000	\$ 4,600,000	\$ 42,339,994