

**Winston-Salem Urban Area Metropolitan Planning Organization
Transportation Advisory Committee
Action Request**

Meeting Date: February 21, 2019 **Agenda Item Number:** #7

Action Requested: Consideration of a Resolution Approving the Programming of Available Fiscal Year 2017-2018 Congestion Mitigation and Air Quality (CMAQ) Funds for Candidate Projects in the Winston-Salem Urban Area Metropolitan Planning Organization (WSUAMPO).

Congestion Mitigation & Air Quality (CMAQ) is a federal program that funds transportation projects and programs in air quality nonattainment and maintenance areas to help achieve and maintain national standards for air quality pollutants. In North Carolina, the North Carolina Department of Transportation (NCDOT) serves as the administrator for this program. Funding is apportioned to North Carolina based on the population in non-attainment and maintenance areas of the state and the severity of air quality problem.

On July 19, 2018, the Transportation Advisory Committee (TAC) approved the swap of CMAQ funds for Surface Transportation Program – Direct Attributable (STP-DA) funds. As a result, **\$2,939,082** of CMAQ money was made available to be applied to eligible projects in the Winston-Salem Urban Area Metropolitan Planning Area. CMAQ funds represent 80% of a project’s total cost. The remaining 20% is the responsibility of the locality. Because these funds are from FY 2016 and FY 2017, they are subject to rescission in September of 2019 and therefore must be obligated before this date.

Two (2) candidate projects were submitted for funding consideration. The Piedmont Authority for Regional Transportation (PART) requested \$2,900,000 for bus acquisition. The City of Winston-Salem requested \$2,939,082 for Meadowlark Drive road widening and Bicycle and Pedestrian improvements.

The Office of Environmental Assistance & Protection evaluated each project to determine the annual pollutant reduction in kilograms. The Office of Environmental Assistance & Protection uses series of computer models that estimate the average emissions for different types of highway vehicles. The vehicle emission factors, projected number of vehicles a project will remove from the network, and dynamics are used to determine the annual emissions reduction. The projects are projected to yield an annual reduction in pollution ranging from 127.75 to 20976.2 kilograms.

MPO staff will provide additional information at the meeting on February 21, 2019.

Recommendations From:

TAC Vote: Motion by: _____ **Second by:** _____

Vote: For _____ **Against** _____

Motion Description:

RESOLUTION
APPROVING THE PROGRAMMING OF AVAILABLE FISCAL YEAR 2017-2018
CONGESTION MITIGATION AND AIR QUALITY (CMAQ) FUNDS FOR
CANDIDATE PROJECTS IN THE WINSTON-SALEM URBAN AREA

A motion was made by TAC Member _____ and seconded by TAC Member _____ for the adoption of the following resolution, and upon being put to a vote was duly adopted.

WHEREAS, Congestion Mitigation & Air Quality (CMAQ) is a federal program that funds transportation projects and programs in air quality nonattainment and maintenance areas to help achieve and maintain national standards for air quality pollutants; and

WHEREAS, Transportation Advisory Committee (TAC) approved the swap of CMAQ funds for Surface Transportation Program – Direct Attributable (STP-DA) funds; and

WHEREAS, the swap resulted in \$2,939,082 of CMAQ money made available to be applied to eligible projects in the Winston-Salem Urban Area Metropolitan Planning Area; and

WHEREAS, because these funds are from FY 2016 and FY 2017, they are subject to rescission in September of 2019 and therefore must be obligated before this date; and

WHEREAS, two (2) candidate projects were submitted for funding consideration: the Piedmont Authority for Regional Transportation (PART) requested \$2,900,000 for bus acquisition; and the City of Winston-Salem requested \$2,939,082 for Meadowlark Drive road widening and bicycle and pedestrian improvements; and

WHEREAS, the Office of Environmental Assistance & Protection evaluated each project to determine the annual pollutant reduction in kilograms; and the projects are projected to yield an annual reduction in pollution ranging from 127.75 to 20976.2 kilograms; and

WHEREAS, MPO staff recommends [additional information to be provided at the TAC meeting on February 21, 2019.]

NOW, THEREFORE, BE IT RESOLVED that the Transportation Advisory Committee of the Winston-Salem Urban Area Metropolitan Planning Organization has reviewed and approved the recommended ranking and funding of candidate CMAQ projects as per the attached table for Fiscal Year 2019-2020 for the Winston-Salem Urban Area.

Adopted on this the 21st day of February, 2019.

Larry T. Williams, Chairman
Transportation Advisory Committee

Margaret C. Bessette, Secretary
Transportation Advisory Committee

**Winston-Salem Urban Area Metropolitan Planning Organization
 Congestion Mitigation and Air Quality Program (CMAQ)
 Candidate Projects for Fiscal Year 2018-2019 Supplemental Funding in the
 Fiscal Year 2019-2029 State Transportation Improvement Program (STIP)
 Funding Recommendations
 February 21, 2019**

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Ranking	Organization	Project Description	Annual Pollutant Reduction in kg	Requested Amount (CMAQ Funds)	Recommended Fiscal Year 2019 CMAQ Funds	20% Local Match	Grand Total
1	PART	New Bus	20976.2	\$2,939,082		\$734,771	\$3,673,853
2	Winston-Salem	Meadowlark Drive Improvements	127.75	\$2,900,000		\$725,000	\$3,625,000
		Total Requested		\$5,839,082.0			
		Total Recommended					
		MPO 2019 Supplemental Funding		\$2,939,082.0			