

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

Meeting Date: November 16, 2017 **Agenda Item Number:** 9

Action Requested: Review of the call for projects of Fiscal Year 2019 Federal Congestion Mitigation and Air Quality (CMAQ) Funds for the Winston-Salem Urban Area MPO and the Call for Projects

SUMMARY OF INFORMATION: **Attachments:** Yes X No

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, 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.

The North Carolina Department of Transportation (NCDOT) announced the release of federal CMAQ funds for the Winston-Salem Urban Area MPO for Fiscal Year 2019. The funds are eligible to be programmed for projects in Fiscal Year 2019, which runs from October 1, 2018 through September 30, 2019. NCDOT allocated **\$1,980,058** to the Winston-Salem Metropolitan Planning Organization (WSMPO) for Fiscal Year 2019.

Fiscal Year 2019 WSMPO CMAQ Call for Projects

Project Submittal Window..... November 6, 2017 – December 15, 2017

Forsyth County OEAP Review..... December 18, 2017 – January 12, 2018

TCC/TAC Review..... January 18, 2018

TCC/TAC Action..... February 15, 2018

Winston-Salem Urban Area Metropolitan Planning Organization

Fiscal Year 2019 CMAQ Call for Projects

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Funding

- \$1,980,058 in available FY19 CMAQ funds
- \$100,000 Minimum Total Project Cost
- Each Project requires a 20% Local Match
- Total Project Cost = CMAQ 80% + Local Match 20%

Schedule

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Eligible Projects and Programs

Eligibility information is provided below. Not all possible requests for CMAQ funding qualify—this section provides examples of activities eligible for CMAQ funds.

- Transportation Control Measures (TCMs)
- Extreme Low-Temperature Cold Start Programs
- Alternative Fuels and Vehicles
- Congestion Reduction & Traffic Flow Improvements
- Transit Improvements
- Bicycle and Pedestrian Facilities and Programs
- Travel Demand Management
- Public Education and Outreach Activities
- Transportation Management Associations
- Carpooling and Vanpooling
- Freight/Intermodal
- Diesel Engine Retrofits & Other Advanced Truck Technologies

Winston-Salem Urban Area Metropolitan Planning Organization Fiscal Year 2019 CMAQ Call for Projects

- Idle Reduction
- Training
- Inspection/Maintenance (I/M) Programs
- Experimental Pilot Projects

The WSMPO has historically supported the following Projects and Programs:

- Congestion Reduction & Traffic Flow Improvements
- Transit Improvements
- Bicycle and Pedestrian Facilities and Programs
- Travel Demand Management

Criteria

The following criteria will be applied to all eligible WSMPO CMAQ projects to determine a prioritized rank. The ranked list is submitted to NCDOT for review and STIP programming.

Quantitative Analyses

Pollutant Reduction – How many kilograms of the criteria pollutants or their precursors will be displaced over the lifetime of the proposed project? This is calculated by summing the yearly reductions of CO, NO_x, and VOC reductions and multiplying this sum by the number of years in the project lifecycle, as follows:

Pollutant reduction = (CO Reduction + NO_x Reduction + VOC Reduction) * Project Lifecycle

Note: Each submitting MPO jurisdiction is responsible for the completion of the official CMAQ project submission form, and providing the necessary data to the Forsyth County Office of Environmental Analysis and Protection (FCOEAP) to conduct the air quality analysis modeling for emissions reductions.

Qualitative Assessment

Although quantitative analysis of air quality impacts is expected for almost all project types, an exception will be made when it is not appropriate to base a decision solely on quantifiable emissions benefits. In these cases, qualitative assessments based on reasoned and logical determinations will be at the discretion of the TAC.

Questions

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