Congestion Mitigation & Air Quality
Call for Projects/Programs

Overview Presentation | December 12, 2018
Bexar County has violated the National Ambient Air Quality Standards and was designated marginal nonattainment for ozone.

Atascosa, Bandera, Comal, Guadalupe, Kendall, Medina, and Wilson were designated attainment/unclassifiable.
Bexar County is eligible to receive Congestion Mitigation and Air Quality (CMAQ) funding

- CMAQ funding is expected to be available beginning in FY 2020
- Allocation is by formula based on population and severity of air quality
- Dallas/Fort Worth, Houston and El Paso already receive CMAQ funding
- By federal regulation, our attainment date is 2021. If we achieve attainment in 2021 our CMAQ funding ceases, even though we remain a “maintenance area” with the nonattainment requirements
• Competitive project call; similar in many ways to the MPO’s STBG (STP-MM) project call
• Only projects (construction elements only) and programs within Bexar County are eligible
• Estimated $20M per year is available; three years of funding, $60M total for FYs 2020-2022, will be programmed
• Reimbursement program and all federal and state rules apply
• Different electronic submittal form for projects and programs
CMAQ Call for Projects/Programs Process: Overview

• Examples of Eligible Projects
  – Congestion reduction and traffic flow improvements
  – Freight and intermodal
  – Transit improvements
  – Bicycle and pedestrian facilities
CMAQ Call for Projects/Programs Process: Overview

• Examples of Eligible Programs
  – Diesel engine retrofits and other advanced truck technologies
  – Idle reduction
  – Bicycle and pedestrian programs
  – Public education and outreach activities
  – Transportation management associations
  – Carpooling and vanpooling
  – Carsharing
  – Extreme low temperature cold start program
  – Training
  – Inspection and maintenance programs
  – Alternative fuels and vehicles
CMAQ Call for Projects/Programs Process:
Examples of Ineligible Projects

• Examples of Ineligible Projects
  – Project that add or reduce roadway capacity (travel lanes)
CMAQ Call for Projects/Programs Process: MPO/TxDOT Workshop

MPO/TxDOT Workshop

• Early in calendar year 2019, the MPO and Texas Department of Transportation will jointly host two informational workshops.

• The two workshops (expected start times of 9:30 a.m. and 1:30 p.m.) will be similar in content and format and will be held on the same day at the MPO Office to provide information and support to agencies submitting projects.

• **Workshop attendance is required for all agencies who plan on submitting for this project call.**
CMAQ Call for Projects/Programs Process: Submittals

Submittals

• Slight differences in submittal requirements for projects and programs (refer to CMAQ process memo)
• Submittal packages will only be accepted electronically
• Can upload additional supporting documentation via the electronic form
• All deadlines are firm
• Incomplete packages will not be accepted
CMAQ Call for Projects/Programs Process: Project Scoring Criteria

The project scoring criteria for CMAQ funds is as follows:

• 50% reductions in emissions
• 20% cost/benefit in emissions reductions
• 10% congested corridor project
• 10% overmatch at 30% or higher (20% match is the minimum required)
• 10% multiagency partnerships or multimodal projects
CMAQ Call for Projects/Programs Process: Program Scoring Criteria

The program scoring criteria for CMAQ funds is as follows:

• 50% reductions in emissions
• 20% cost/benefit in emissions reductions
• 10% overmatch at 30% or higher (20% match is the minimum required)
• 20% multiagency partnerships or multimodal programs
CMAQ Call for Projects/Programs Process: Emissions Reductions

- Technical scoring will weigh heavily towards emissions reductions
- Agencies will use FHWA’s CMAQ Emissions Calculator Toolkit spreadsheets to calculate emissions reductions for their projects

<table>
<thead>
<tr>
<th>Table 1. Project Types with Strongest Estimated Cost-Effectiveness.</th>
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</thead>
<tbody>
<tr>
<td>Project Type</td>
</tr>
<tr>
<td>Truck Stop Electrification</td>
</tr>
<tr>
<td>Heavy-Duty Vehicle Engine Replacements</td>
</tr>
<tr>
<td>Diesel Retrofits (DOCs, DPFs)</td>
</tr>
<tr>
<td>Transit Service Expansion</td>
</tr>
<tr>
<td>Park and Ride</td>
</tr>
<tr>
<td>Extreme-Temperature Cold Start</td>
</tr>
<tr>
<td>Incident Management</td>
</tr>
<tr>
<td>Intermodal Freight</td>
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<tr>
<td>Dust Mitigation</td>
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</table>

https://www.fhwa.dot.gov/environment/air_quality/cmaq/reference/cost_effectiveness_tables/
CMAQ Call for Projects/Programs Process: Examples of Emissions Reductions Calculations

To access the toolkit please visit:

https://www.fhwa.dot.gov/environment/air_quality/cmaq/toolkit/index.cfm
Public Involvement Process

- The MPO believes in the proactive involvement of citizens, affected public agencies, representatives of transportation agency employees, private providers of transportation, and other interested parties in the development and updates of transportation plans and programs.

- The MPO commits to public outreach that meets or exceeds its adopted Public Participation Plan. In addition to a public meeting held in Bexar County, an online public input opportunity will also be available.
CMAQ Call for Projects/Programs Process: Project Selection Process

Project Selection Process

• The MPO’s Technical Advisory Committee will develop an initial funding recommendation

• The Technical Advisory Committee will consider the
  • calculated emissions reductions
  • implementing agency’s priorities
  • project readiness
  • public input
  • technical score
Project Selection Process, continued

• In addition to the funding recommendation, all submitted projects will be presented to the Transportation Policy Board and will include
  • calculated emissions reductions
  • technical score
  • public comments
  • implementing agency priorities
  • project readiness
  • any additional notations

• The Transportation Policy Board will select the CMAQ funded projects and action will be taken to include the projects in the Transportation Improvement Program and Metropolitan Transportation Plan
CMAQ Call for Projects/Programs Process: Schedule

**2018**

- **October**: Presentations to TAC and TPB

- **November**: Presentations to TAC, Executive Committee, BMAC and PMAC

- **December**: TAC and TPB Action on Call for Projects Schedule and Process
  
  - CMAQ Call for Projects begins December 12

**2019**

- **Jan-Feb**: Joint AAMPO/ TxDOT CMAQ Workshop

- **April**: CMAQ Submittals due April 1

- **May**: CMAQ Project Scoring

- **June**: Public meeting and online input

- **July - August**: Project selection and approval as TIP and MTP amendments
Contact Information

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## FY 2019-2022 TIP
### CMAQ Funding Analysis

<table>
<thead>
<tr>
<th>District</th>
<th>CMAQ Amount</th>
<th>3-LC</th>
<th>Other</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>Fort Worth</td>
<td>$29,976,533</td>
<td>$6,096,698</td>
<td>$44,598,179</td>
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<td>Dallas</td>
<td>$252,474,953</td>
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<tr>
<td></td>
<td>45%</td>
<td>4%</td>
<td>52%</td>
<td>100%</td>
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CMAQ Funding Distribution by TxDOT District

- Dallas
- Fort Worth
- Houston
- Combined

- Program
- Transit
- Engr/ROW
- Construction