

Evaluation of Proposed FY 2015,
2016, and 2017 CMAQ Projects for the
FY 2014-2018 MAG TIP

MAG Air Quality Technical Advisory Committee

October 25, 2012



CMAQ Program

- Purpose of the CMAQ Program is to fund transportation projects or programs that will contribute to attainment or maintenance of the federal air quality standards
- Federal CMAQ guidance requires that the project selection process include an assessment of the project's expected emission reduction benefits and cost-effectiveness
- CMAQ Methodologies, September 2011

CMAQ Methodologies

- EPA-approved MOVES model to estimate emission reductions in kg/day for TOG, NO_x, and PM-10
- AP-42 to calculate PM-10 benefits for project that reduce paved road emissions (e.g. street sweeping and paving projects)
- PM-10 projects located within 4 miles of a PM-10 monitor receive a priority weight of 2
- Seasonal factor of two for TOG and NO_x reductions
- Cost-effectiveness is calculated by dividing the annualized CMAQ cost by the annual emission reductions

Schedule

- **Approximately 85 CMAQ projects for FY 2015, 2016, and 2017 received by September 19, 2012**
- **October – ITS Committee, Bicycle and Pedestrian Committee, and Street Committee review project applications**
- **October - Air Quality Technical Advisory Committee forwards the CMAQ evaluation to the Transportation Review Committee and modal committees (TRC)**
- **December - ITS Committee and Bicycle and Pedestrian Committee use CMAQ evaluation and other methods to rank projects and forward ranking to TRC**
- **January 2013 -Transportation Review Committee approves funding for projects for the draft FY 2014-2018 Transportation Improvement Program**

Committee Action Requested

- **Forward the evaluation of proposed FY 2015, 2016, and 2017 CMAQ project for the FY 2014-2018 MAG Transportation Improvement Program to the MAG Transportation Review Committee and modal committees for use in prioritizing projects.**
- **Rank the Air Quality Projects to be forwarded to the MAG Transportation Review Committee.**

For more information

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