FHWA Update

AASHTO Air Quality Peer Exchange Workshop
May 6, 2014
Major Activities

- The GROW AMERICA Act
- MAP-21 Implementation - CMAQ
- Guidance
- Research
- Training/Outreach
GROW AMERICA Act

Generating Renewal, Opportunity, and Work with Accelerated Mobility, Efficiency, and Rebuilding of Infrastructure and Communities throughout America Act

Website:

http://www.dot.gov/grow-america
The GROW AMERICA Act

- Secretary Foxx transmitted the administration’s proposal to the Congress on April 29, 2014
- 4 years reauthorization proposal for $302 billion (FYs 2015-2018)
- Funding covers for highways, highway and motor vehicle safety, motor carrier safety, public transportation, rail infrastructure and safety, and surface transportation research
CMAQ

- $9.6 billion for 4 years
- Priority consideration for projects targeting PM2.5 and ozone precursor emissions in PM2.5 and ozone nonattainment and maintenance areas
- Transfer of CMAQ funds to other apportioned programs limited to 25% of apportionment
- CMAQ funded electric vehicle charging and natural gas refueling station may be in rest areas
- Other clarifications of eligibilities
CMAQ - MAP-21
Implementation Activities

- Updates will be covered in the CMAQ session
- Interim program guidance released on Nov. 12 2013
  - Final guidance development underway
- Operating Assistance guidance revised

FHWA MAP-21 website: http://www.fhwa.dot.gov/map21/
CMAQ webpage: http://www.fhwa.dot.gov/environment/air_quality/cmaq/
Operating Assistance

- Changes in 2014 Appropriations Act
- Systems or projects for which CMAQ funds were made available, obligated or expended in FY2012 for operating assistance could be eligible for operating assistance without a time limitation
- Guidance sent to all FHWA Division offices in early Feb. 2014
- Revised guidance will be posted on website soon
Guidance

- Completed:
  - CO categorical hot-spot finding
  - Interim CMAQ program guidance (MAP-21)
  - Revised CMAQ operating assistance guidance

- In development:
  - CMAQ final program guidance
  - Conformity guidance for maintenance areas
    - Areas completed 20 years maintenance period
    - Areas with limited maintenance plan
Recent Research

- Near roadway research
  - Detroit study posted on website soon
- MOVES project level sensitivity study
- Tools developed for GHG analysis
Ongoing Research

- Research activities to support MAP-21 implementation
  - Cost-effectiveness tables
  - CMAQ Assessment Study
- CMAQ Case studies to highlight CMAQ funded PM2.5 reduction projects
- Participate in Near Road Pooled Fund Study
- Health Impacts Framework for Corridor-wide Transportation Planning
- NCHRP Studies
  - Input Guideline for MOVES
  - Programmatic Agreements for Project-Level Air Quality Analyses Using MOVES, CAL3QHC/R and AERMOD
  - Background Concentration
  - Streamlining project level analysis using MOVES
  - Develop clean truck freight corridor
Training/Outreach

- MOVES training
- Web-based Air Quality Planning for Transportation – NHI
- Conformity training
  - NTI Introduction to Transportation Conformity: May 13-15, 2014 in San Jose, CA
  - “What is Conformity?” web-based training
  - MySQL training
- Northern Transportation and Air Quality Summit (NTAQS), Pittsburgh, PA (August 19-20, 2014)
Training/Outreach

  - Guidance documents
    - CO categorical hot-spot guidance
    - CMAQ guidance and brochures
  - Maps: 2008 ozone nonattainment area maps
  - PM quantitative hot-spot analysis examples
  - Air Quality and Conformity Highlights
    - Sign up to receive new issues
Looking Ahead...

- MAP-21 implementation activities
  - regulations and guidance
- Reauthorization activities
- New MOVES model (MOVES2014)
- NAAQS
  - 2008 ozone implementation rule
  - 2012 PM2.5 NAAQS nonattainment area designations
  - Other NAAQS changes?
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