



FHWA Update

AASHTO Air Quality Peer Exchange Workshop

May 6, 2014

Major Activities

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

GROW AMERICA Act

Generating Renewal, Oppportunity, 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

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

CMAQ - MAP-21

Implementation Activities

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

- o Changes in 2014 Appropriations Act
- o 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
- o Guidance sent to all FHWA Division offices in early Feb. 2014
- o Revised guidance will be posted on website soon

Guidance

- o Completed:
 - o CO categorical hot-spot finding
 - o Interim CMAQ program guidance (MAP-21)
 - o Revised CMAQ operating assistance guidance
- o In development:
 - o CMAQ final program guidance
 - o Conformity guidance for maintenance areas
 - o Areas completed 20 years maintenance period
 - o Areas with limited maintenance plan

Recent Research

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

Ongoing Research

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

Training/Outreach

- o MOVES training
- o Web-based Air Quality Planning for Transportation – NHI
<http://www.nhi.fhwa.dot.gov/default.aspx>
- o Conformity training
 - o NTI Introduction to Transportation Conformity: May 13-15, 2014 in San Jose, CA
 - o “What is Conformity?” web-based training
 - o MySQL training
- o Northern Transportation and Air Quality Summit (NTAQS), Pittsburgh, PA (August 19-20, 2014)

Training/Outreach

- o FHWA Air Quality website:
http://www.fhwa.dot.gov/environment/air_quality/index.cfm
- o Guidance documents
 - o CO categorical hot-spot guidance
 - o CMAQ guidance and brochures
- o Maps: 2008 ozone nonattainment area maps
- o PM quantitative hot-spot analysis examples
- o Air Quality and Conformity Highlights
 - o Sign up to receive new issues

Looking Ahead...

- o MAP-21 implementation activities
 - o regulations and guidance
- o Reauthorization activities
- o New MOVES model (MOVES2014)
- o NAAQS
 - o 2008 ozone implementation rule
 - o 2012 PM_{2.5} NAAQS nonattainment area designations
 - o Other NAAQS changes?

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