

# TRANSPORTATION CONFORMITY ANALYSIS AN UPDATE

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TPB Technical Committee  
Item 8

October 2, 2015

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Director, Department of Transportation Planning

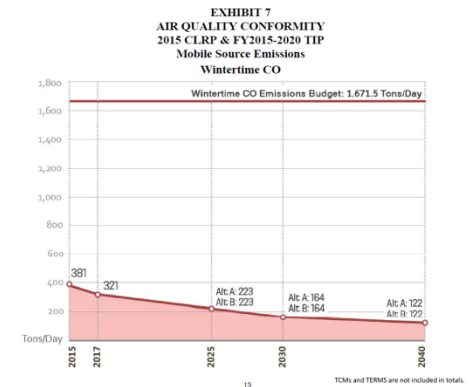


NATIONAL CAPITAL REGION TRANSPORTATION PLANNING BOARD

# Current Status – Wintertime Carbon Monoxide

## 2015 CLRP/FY 2015-2020 TIP

- Attainment Maintenance Area for Wintertime Carbon Monoxide (CO)
  - Primary Standard of 9 ppm first proposed in 1971; reviewed and retained as of 2011
  - Motor Vehicle Emissions Budget (MVEB) exists – 1,671.5 tons per day
  - Mobile emissions meet the Budget
- Maintenance period ends March 2016
  - Awaiting EPA confirmation on removing transportation conformity analysis requirement



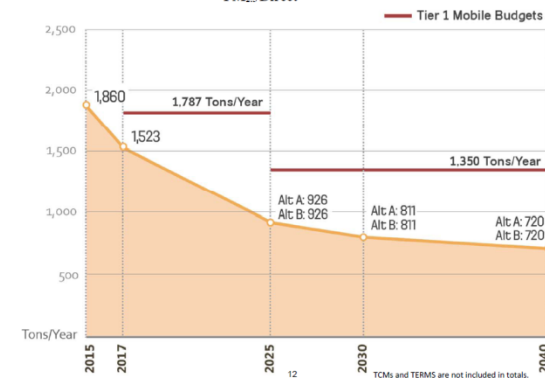
# Current Status – Particulate Matter (2.5 $\mu$ )

## 2015 CLRP/FY 2015-2020 TIP

EXHIBIT 6  
AIR QUALITY CONFORMITY  
2015 CLRP & FY2015-2020 TIP  
Mobile Source Emissions  
PM<sub>2.5</sub> Direct

- Attainment Maintenance Area for the 1997 Annual Primary Standards

- 15.0  $\mu\text{g}/\text{m}^3$
- Two sets of MVEBs from Maintenance Plan exists
  - Tier 1 – Budget currently in force
    - Direct Particulate Matter (2.5 $\mu$ ) –
      - Attainment year (2017) = 1,787 tpy
      - Out year (2025) = 1,350 tpy
    - PM2.5 precursor NOx –
      - Attainment year (2017) = 41,709 tpy
      - Out year (2025) = 27,400 tpy
  - Tier 2 - Alternative MVEBs used only if emissions exceed the Tier 1 MVEB
    - Direct Particulate Matter (2.5 $\mu$ ) – Attainment year (2017) = 2,144 tpy and Out year (2025) = 1,587 tpy
    - PM2.5 precursor NOx – Attainment year (2017) = 50,051 tons per year and Out year (2025) = 32,880 tons per year



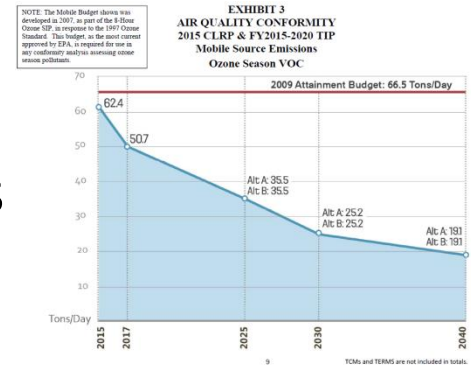
- Attainment of the 2012 Standards

- 12.0  $\mu\text{g}/\text{m}^3$ ; No MVEB exists (no State Implementation Plan required)

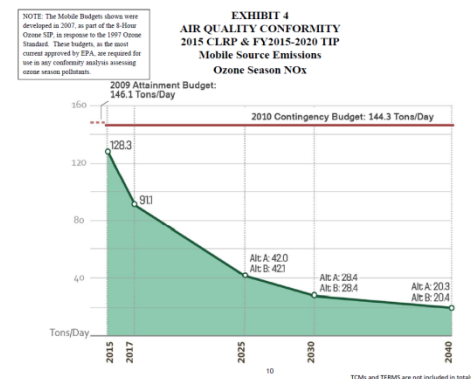
# Current Status – Ground Level Ozone

## 2015 CLRP/FY 2015-2020 TIP

- Moderate non-attainment of 1997 Standards
  - 0.08 ppm or 84 parts per billion (ppb)
  - Motor Vehicle Emissions Budgets (MVEB) from Attainment Plan exists (summer only)
    - Ozone precursor VOC – 66.5 tpd
    - Ozone precursor NOx – 144.3 tpd
    - Meet the Budgets

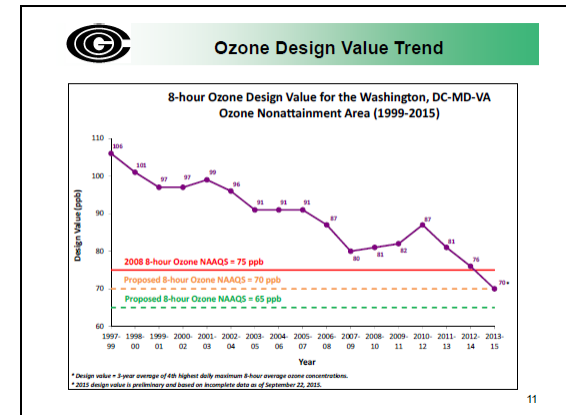


- Marginal non-attainment of 2008 standards
  - 0.075 ppm or 75 ppb
  - Motor Vehicle Emissions Budgets DO NOT exist (not needed)
  - Conformity analysis still applies (anti-back sliding)
  - Conformity regulations require using previously approved MVEBs (1997 ozone NAAQS attainment SIP)



# UPDATE – Ground Level Ozone

- EPA Proposed New 2015 Standards - 0.07 ppm or 70 ppb
- EPA required to designate areas as Attainment / Non-attainment / Unclassifiable
  - Non-attainment – Marginal, Moderate, Serious, Severe, Extreme
- EPA's anticipated schedule for implementation of the new standards
  - By October 1, 2016, States recommend designation
  - By June 1, 2017, EPA responds to states' initial recommendations and identifies where the agency intends to modify the recommendations.
  - States will have the opportunity to comment on EPA's response, and to provide new information and analyses
  - By October 1, 2017, EPA issues final area designations
  - SIP Due dates 2020 for Moderate nonattainment areas
  - No SIP required if Marginal
  - Attainment dates 2023 for Moderate nonattainment areas
- EPA intends to issue an update to existing transportation conformity guidance (*current guidance is related to the 2008 Ozone standards*)
  - Till new guidance or regulations current regulations will be applicable



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THANK YOU  
QUESTIONS?

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