

2014 MAG Conformity Analysis



**Air Quality Technical Advisory Committee Meeting
December 3, 2013**

**ENVIRONMENTAL
PROGRAMS**

Transportation Conformity

- **Transportation and air quality are linked**
- **Clean Air Act requires transportation plans, programs, and projects to conform to the purpose of the air quality plans**
- **Ensures that transportation activities do not cause violations of the air quality standards**
- **Air quality plans set motor vehicle emissions budgets**



ENVIRONMENTAL PROGRAMS

Conformity Requirements

- The Transportation Improvement Program (TIP) and Regional Transportation Plan (RTP) must pass the conformity emissions tests
- Latest planning assumptions and emissions models
- Timely implementation of transportation measures
- Consultation



ENVIRONMENTAL PROGRAMS

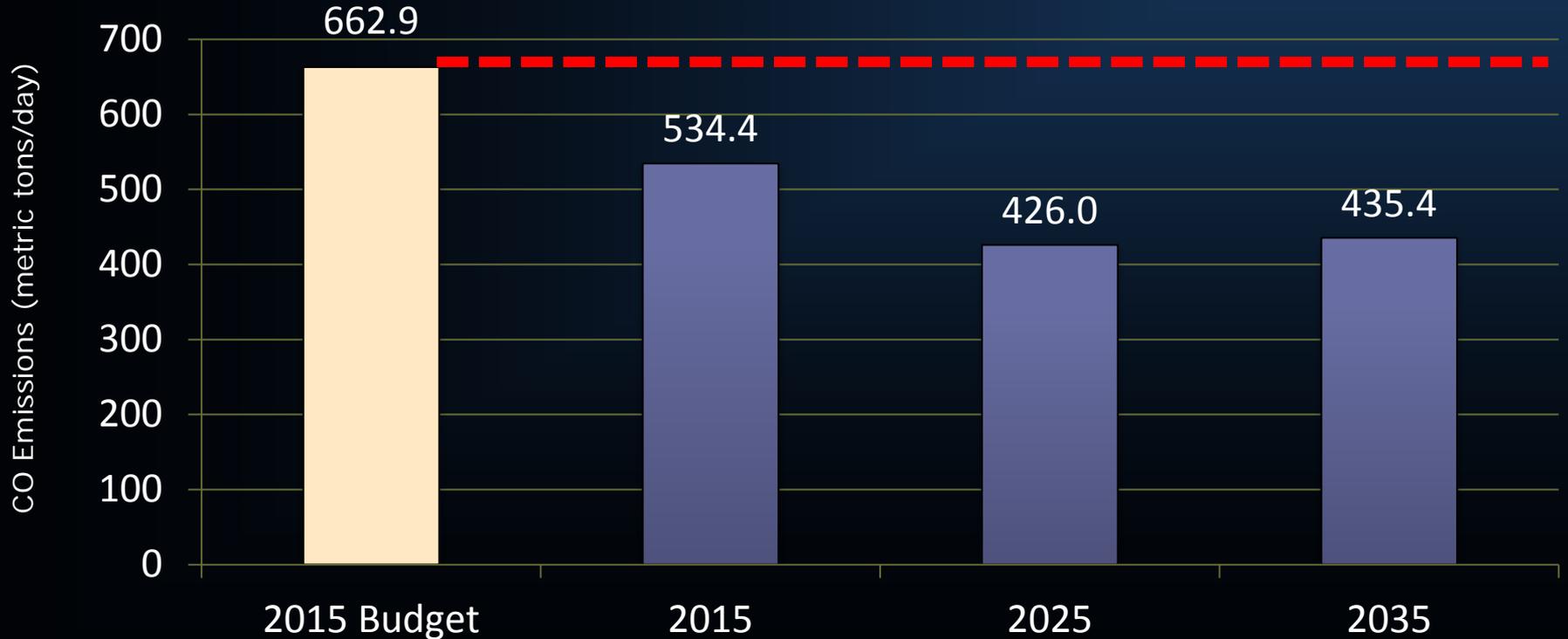
Conformity and Expanded MAG MPA Boundary

- Expanded MAG MPA boundary and new Sun Corridor Metropolitan Planning Organization MPA boundary include portions of the Pinal County PM-10 and PM-2.5 nonattainment areas
- Both Pinal County nonattainment areas are completely covered by the 2 MPOs
- Transportation conformity is required to be demonstrated for both nonattainment areas by both MPOs
- Conformity lapse is in effect in Pinal County-July 2, 2013
- MAG is preparing the initial conformity analyses for the Pinal County nonattainment areas to help the new Sun Corridor MPO

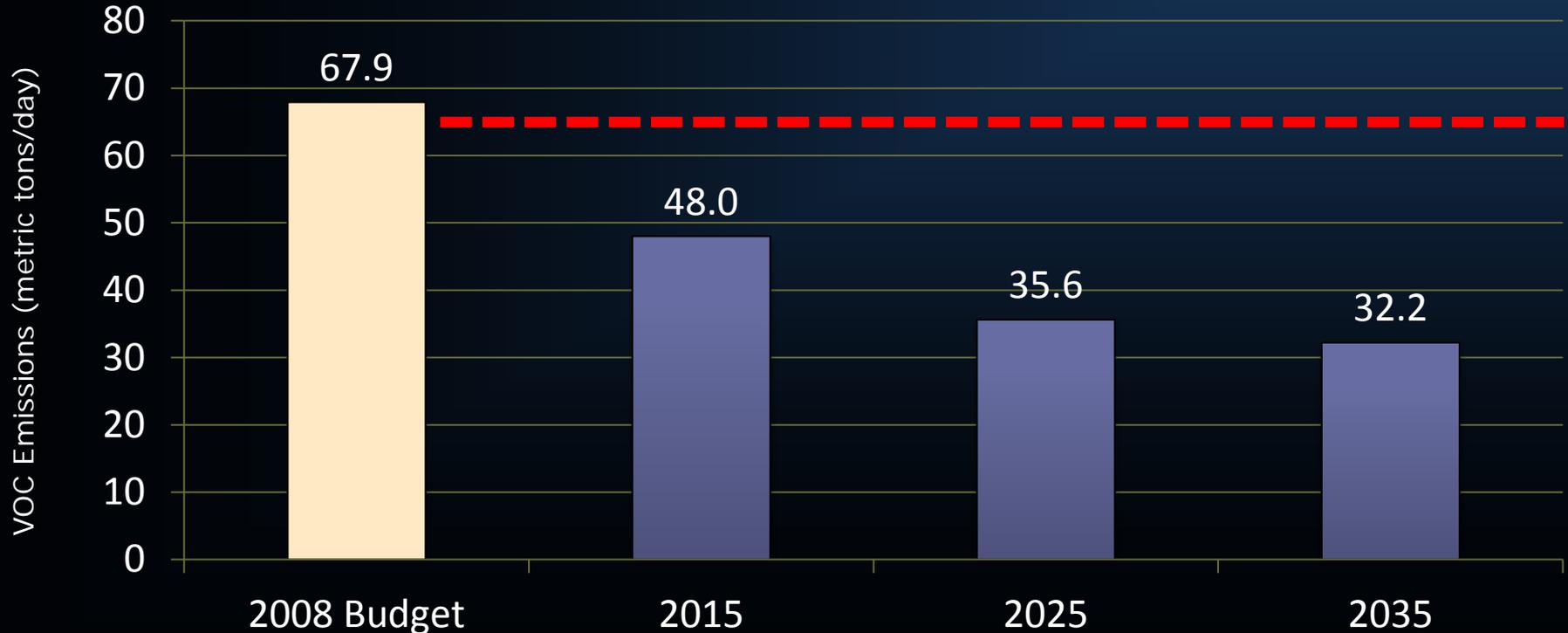


Carbon Monoxide Results for Conformity Budget Test Maricopa County Maintenance Area

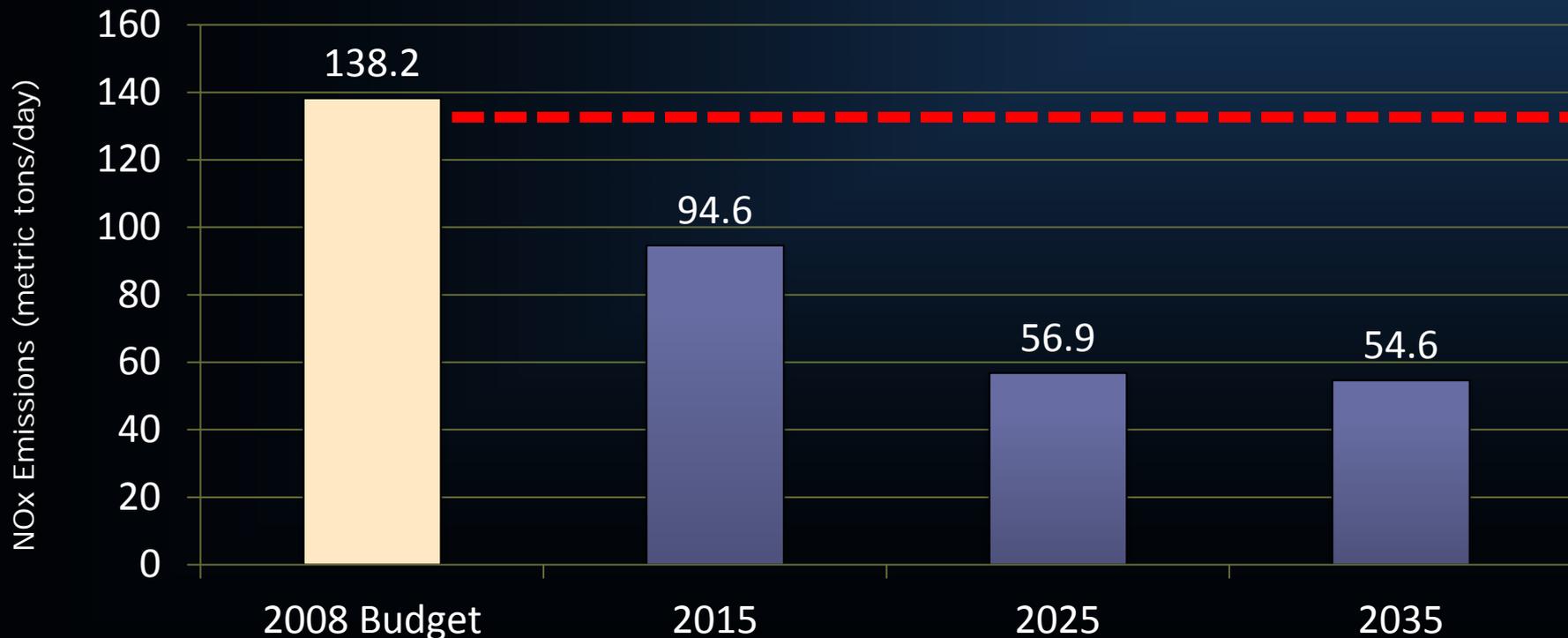
Friday in December: Episode Day Conditions



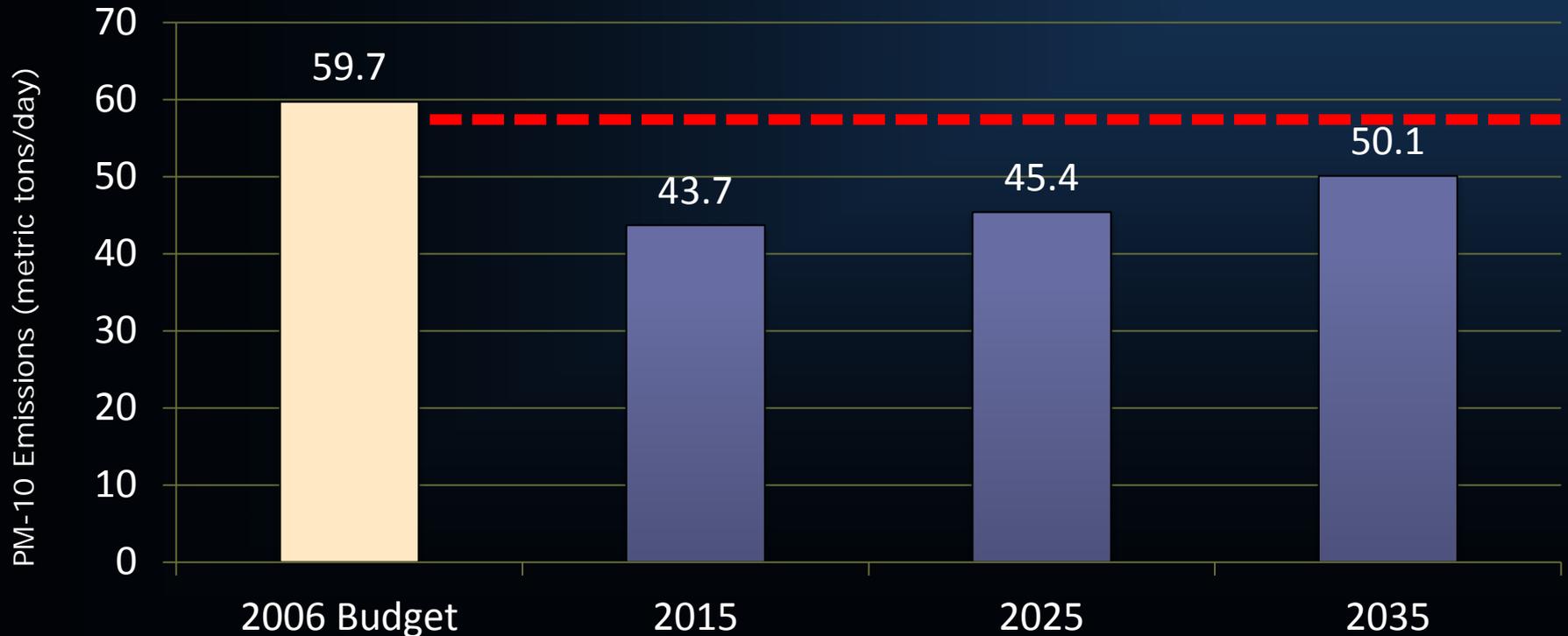
Eight-Hour Ozone: Volatile Organic Compounds (VOC) Results for Conformity Budget Test Maricopa County Nonattainment Area Thursday in June: Episode Day Conditions



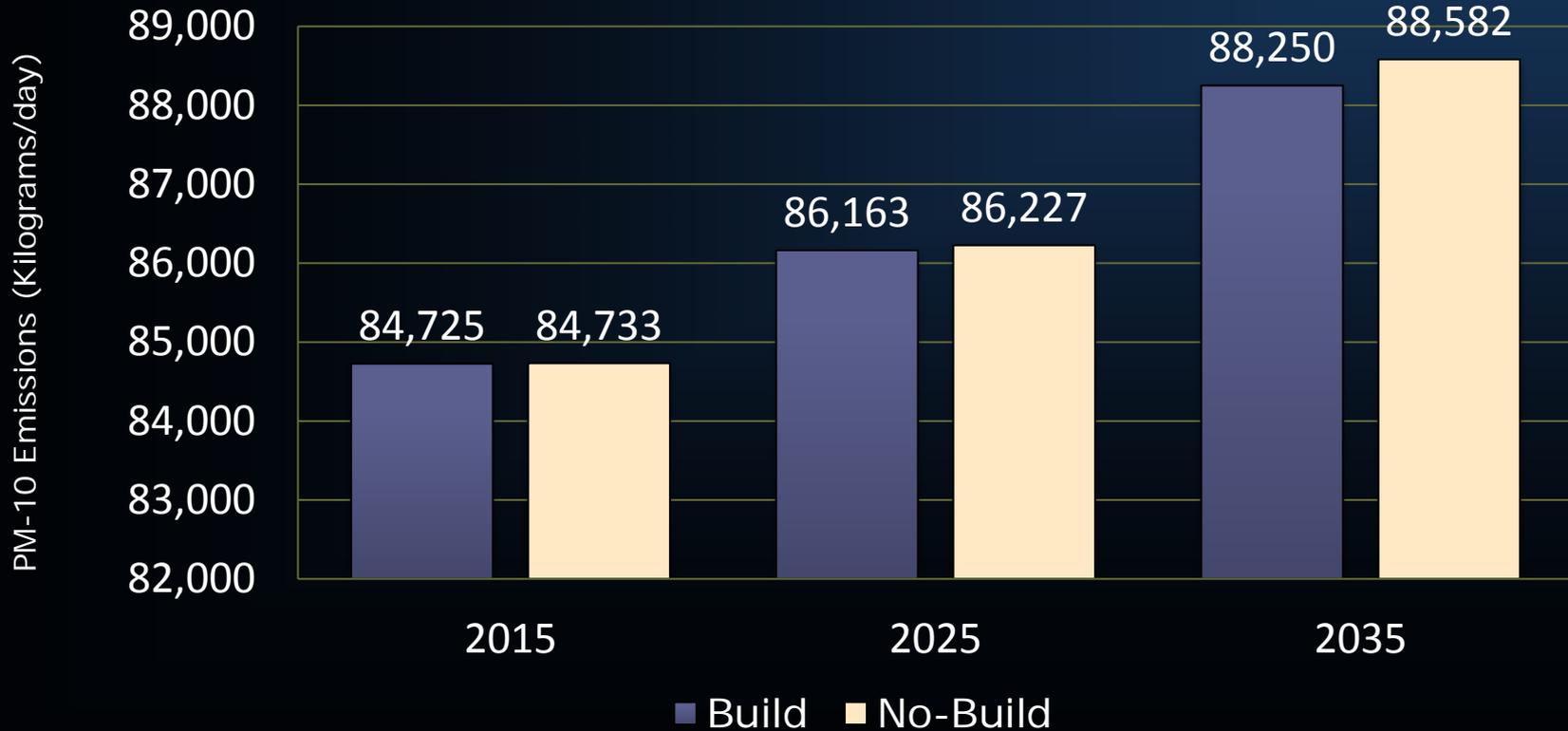
Eight-Hour Ozone: Nitrogen Oxides (NOx) Results for Conformity Budget Test Maricopa County Nonattainment Area Thursday in June: Episode Day Conditions



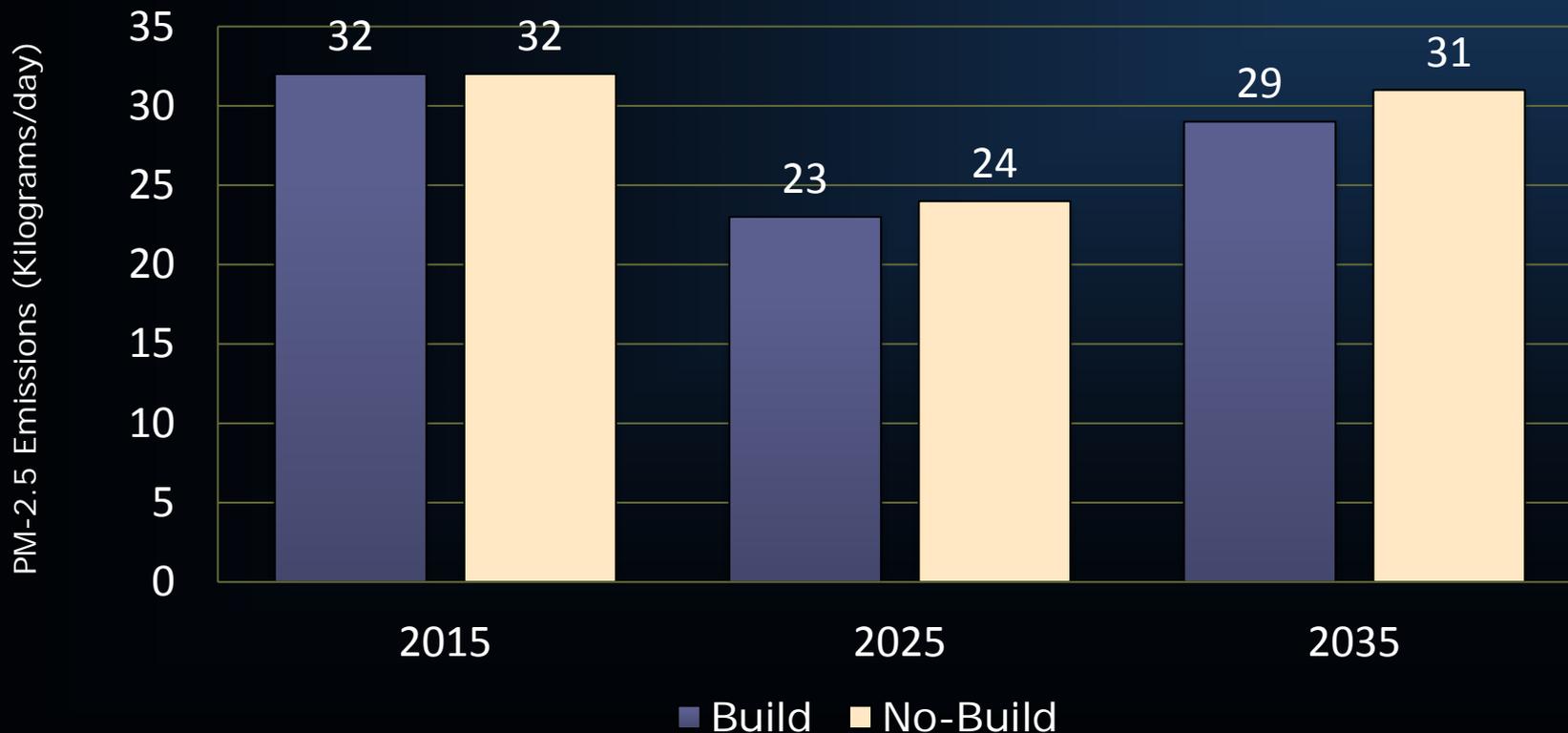
PM-10 Results for Conformity Budget Test Maricopa County Nonattainment Area Annual Average Day Conditions



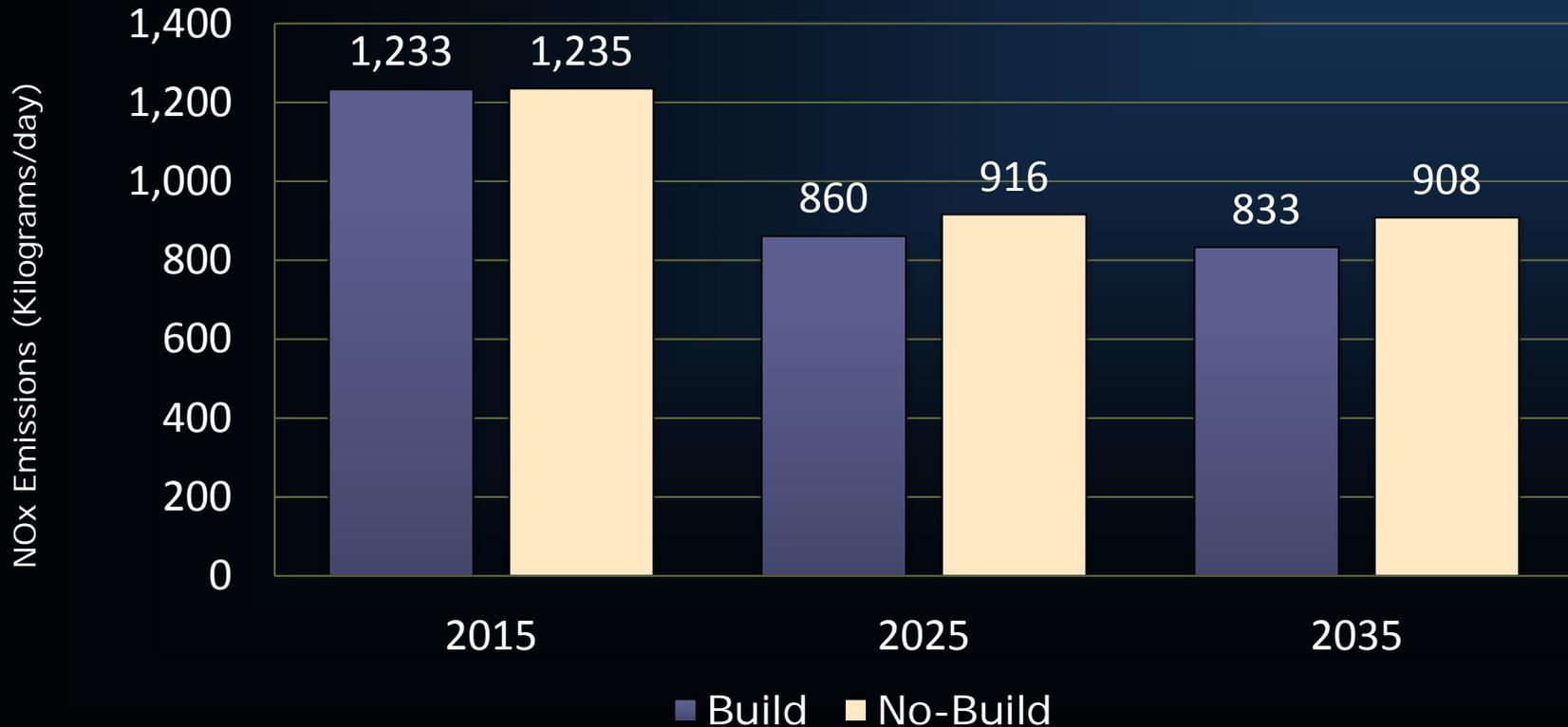
PM-10 Results for Conformity Interim Emission (Build/No-Build) Test Pinal County PM-10 Nonattainment Area



PM-2.5 Results for Conformity Interim Emission (Build/No-Build) Test Pinal County PM-2.5 Nonattainment Area

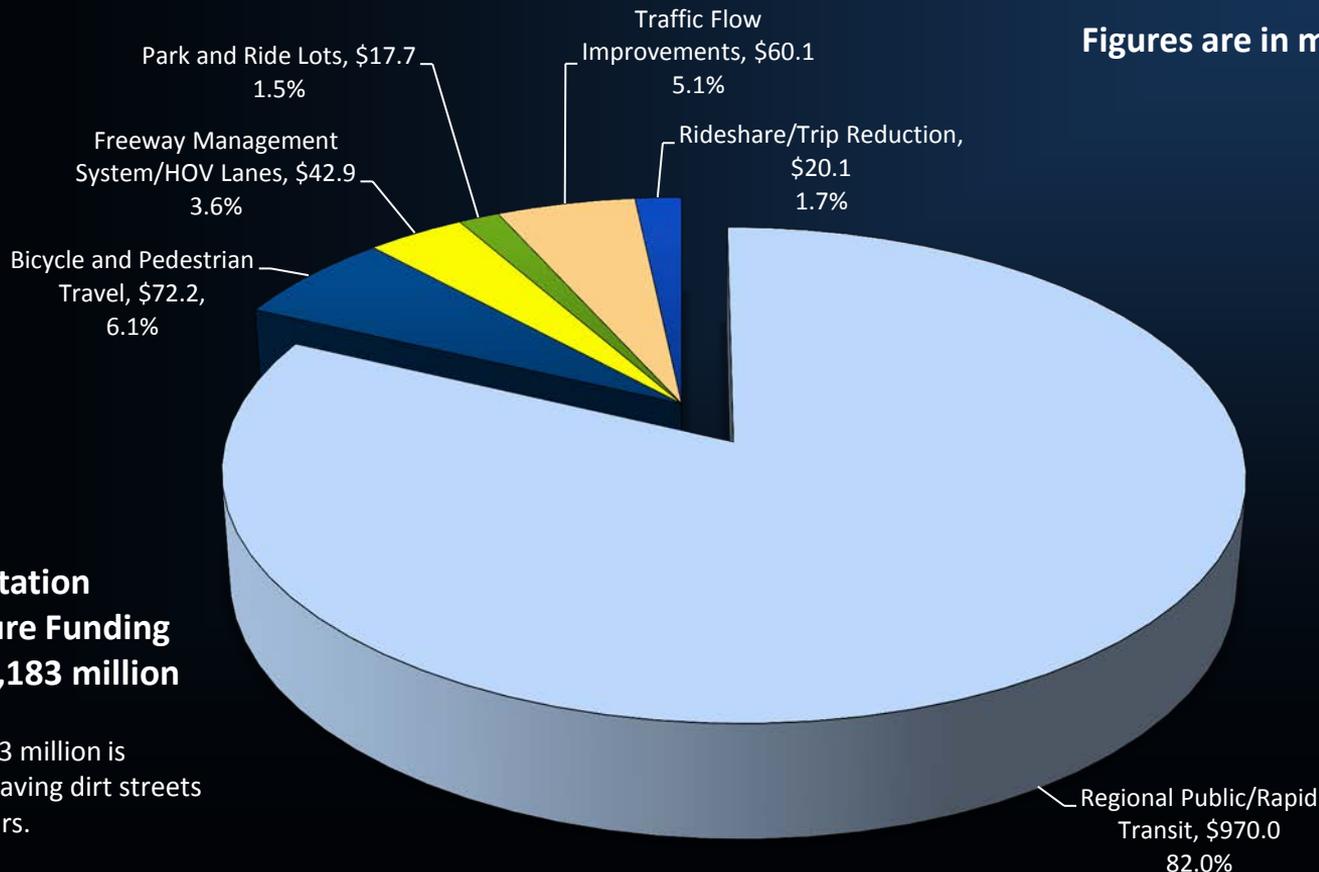


NOx Results for Conformity Interim Emission (Build/No-Build) Test Pinal County PM-2.5 Nonattainment Area



Transportation Control Measure Funding in the FY 2014-2018 Transportation Improvement Program

Figures are in millions of dollars



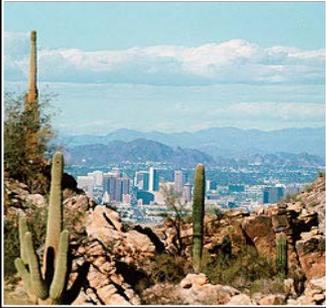
**Total Transportation
Control Measure Funding
in the TIP = \$1,183 million**

An additional \$28.3 million is programmed for paving dirt streets and street sweepers.

ENVIRONMENTAL
PROGRAMS

Conformity Schedule

- **October 25, 2013 – Documents available for 30-day public review**
- **November 25, 2013 – Public Hearing**
- **December 3, 2013 – Air Quality Technical Advisory Committee recommendation**
- **January 8, 2014 – Management Committee recommendation**
- **January 29, 2014 – Regional Council approval**





**For more information contact:
Cathy Arthur
(602) 254-6300**