

AAMPO

Transportation Conformity

Transportation Policy Board

May 23, 2022

MPO Plans and Documents



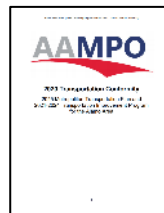
Transportation Improvement Program

(TIP): Funded transportation projects within a four year timeframe; adoption of FY 2023-2026 TIP is scheduled for June 27, 2022



Metropolitan Transportation Plan (MTP):

Future goals, strategies and transportation projects for 25 years; updated MTP list (Mobility 2050) scheduled for June 27, 2022



Transportation Conformity Document (TCD)

Evaluates future transportation projects to ensure they cause no further harm to air quality; approved through a significant interagency consultation process; adoption is scheduled for June 27, 2022

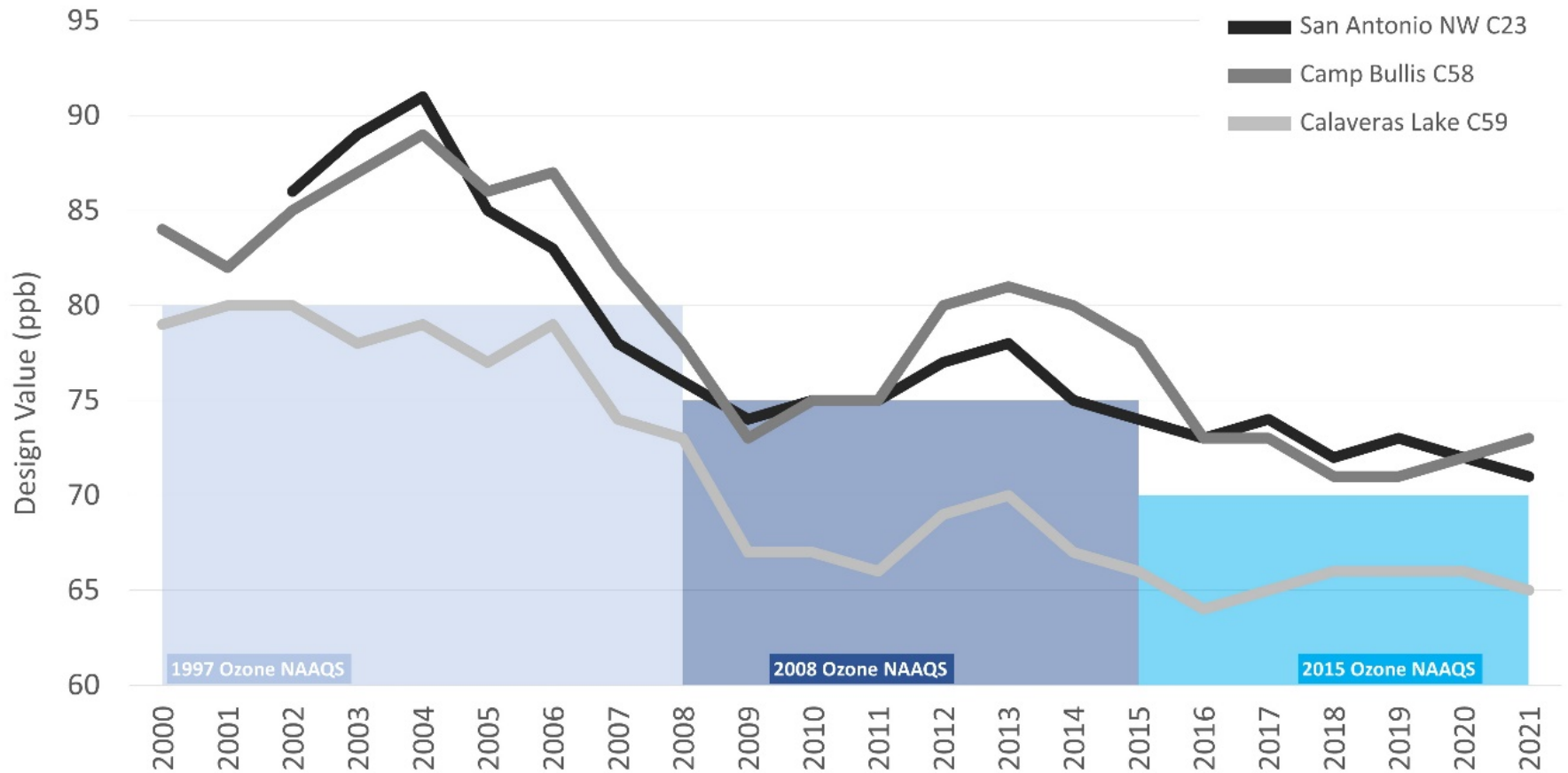
Metropolitan Transportation Plan Project Lists

- Roadway and transit project lists available at alamoareampo.org/yourmove
- Roadway list is consistent with TxDOT's Unified Transportation Program
- Projects that may not let in FY 2022 have been moved to FY 2023
- Roadway project list has been simplified for the MTP – reduced page number from approximately 50 to under 10

FY 2023-2026 Transportation Improvement Program

- First MPO call for projects for multiple funding sources – STBG, CMAQ, TA
- Roadway list is consistent with TxDOT's Unified Transportation Program
- Projects that may not let in FY 2022 have been moved to FY 2023
- Finalizing some information on transit projects and grouped projects prior to May 18
TIP/MTP/Conformity public meeting

Bexar County Design Value (2000-2021)



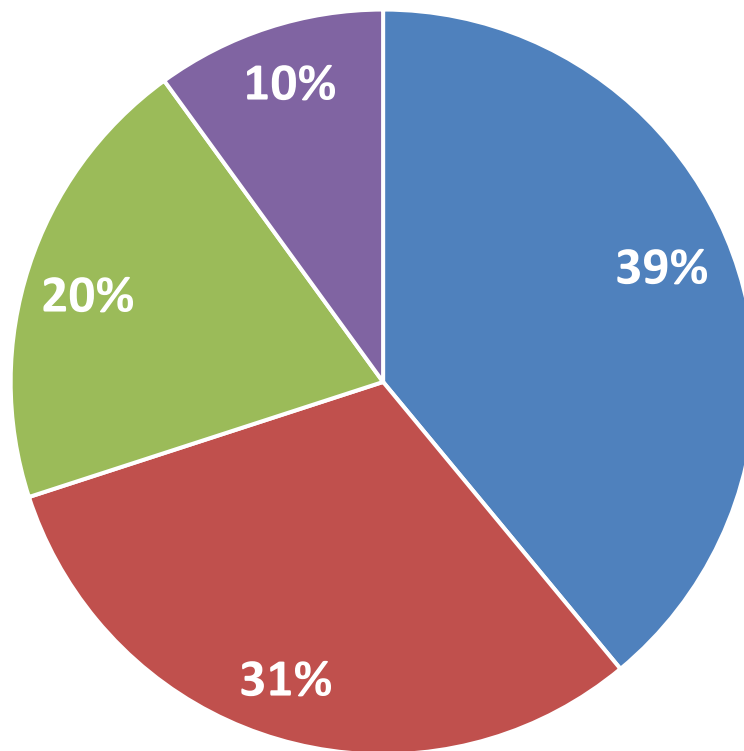
Source: Texas Commission on Environmental Quality

Design Value: The fourth-highest eight-hour average ozone concentration averaged over a consecutive three-year period

NAAQS: National Ambient Air Quality Standards
ppb: parts per billion

Ozone Contribution in Bexar Co.

Ozone Production



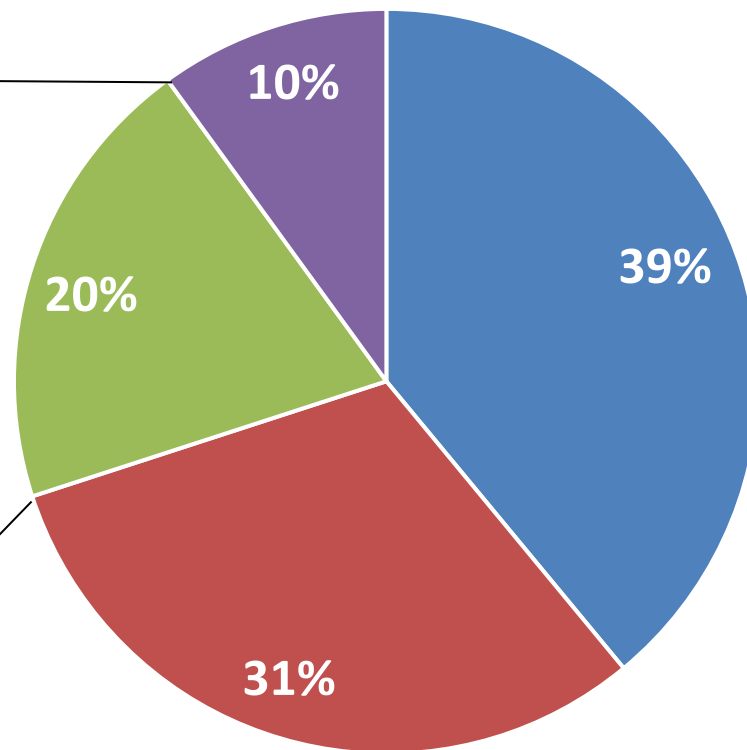
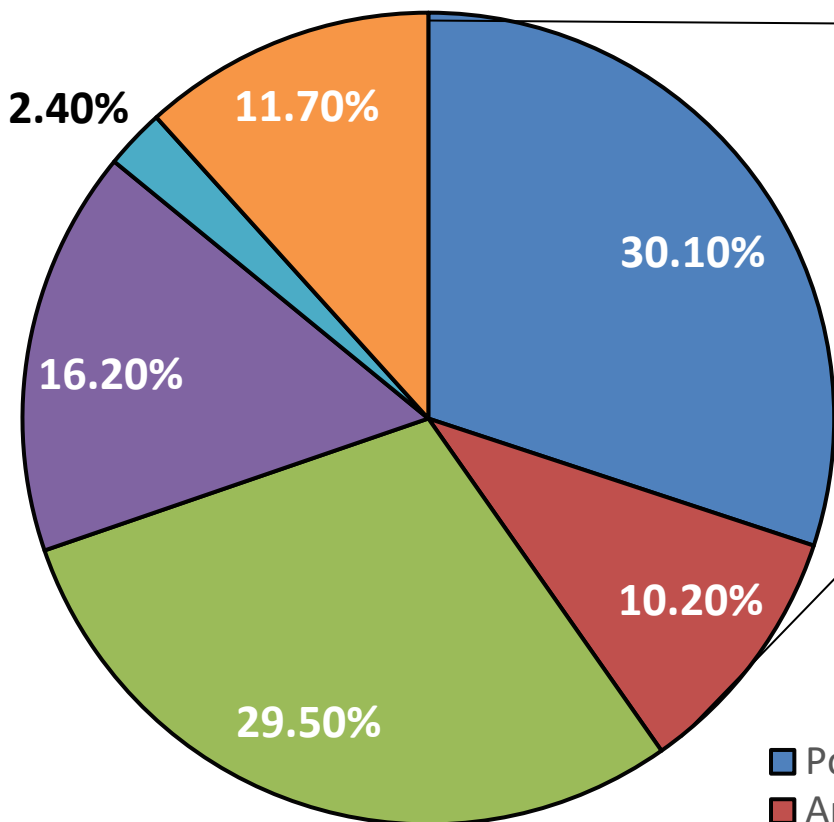
- Other States, Countries, Regions
- Outside of AQ Model Area
- San Antonio
- Other Texas Regions

Source: AACOG Photochemical Model

Ozone Contribution in Bexar Co.

Local Contributors

Ozone Production



- Point
- Area
- Mobile
- Nonroad
- Offroad

- Other States, Countries, Regions
- Outside of AQ Model Area
- San Antonio
- Other Texas Regions

Source: AACOG Photochemical Model

Bexar County “Action-Baseline” Results

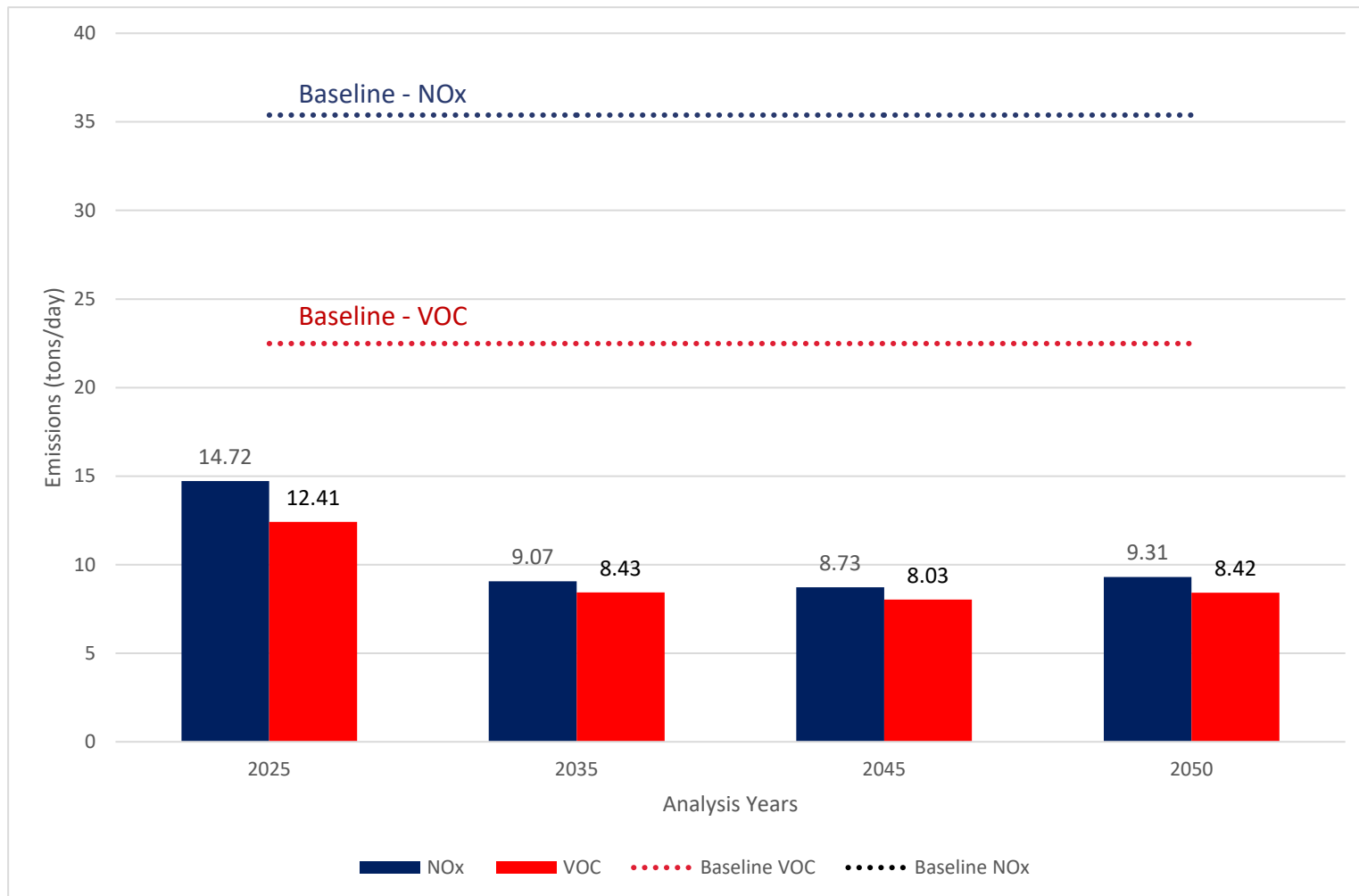
Criteria: Emissions modeled for analysis years must be at or below 2017 baseline year

Year	NO _x	VOC
2017	35.38	22.49
2025	14.72	12.41
2035	9.07	8.43
2045	8.73	8.03
2050	9.31	8.42

Source: Texas A&M Transportation Institute analysis using MOVES2014b (May 3, 2022)

NO_x: Nitrogen Oxides
VOCs: Volatile Organic Compounds

Bexar County "Action-Baseline" Results



Source: Texas A&M Transportation Institute analysis using MOVES2014b (May 3, 2022)

NO_x: Nitrogen Oxides
VOCs: Volatile Organic Compounds

“Build v No-Build” Analysis

- EPA is expected to finalize their recommendation to *reclassify* Bexar County as a “**Moderate**” non-attainment area in late FY 2022
- EPA’s recommendation was published April 13, 2022 and the initial comment period will close June 13, 2022; an additional 60-day comment period can be requested
- Bexar Co. air quality has not worsened significantly, but federal law requires EPA to reclassify if attainment is not reached by our original September 24, 2021 attainment date

“Build v No-Build” Analysis

- “Moderate” non-attainment areas are required to complete **an additional emissions test** comparing the existing and committed transportation system to that found in the TIP and MTP
- Through consultation with AAMPO’s partners (e.g. EPA, FHWA, TCEQ and TxDOT) AAMPO will coordinate with TTI to complete this additional test in case the Moderate reclassification is finalized prior to federal approval of the TIP and MTP
- AAMPO is coordinating to complete this test by late spring 2022, though ***it is not currently required***

2023 Transportation Conformity Schedule

Task	Date
Beginning of Public Comment Period	May 18, 2022
TIP/MTP/Conformity Public Meeting (Bexar Co.)	May 18, 2022
Transportation Policy Board (TPB) Presentation	May 23, 2022
TAC Action	June 3, 2022
End of Public Comment Period	June 20, 2022
TPB Action	June 27, 2020
Interagency Consultation Review Begins	July 2022
FHWA-FTA Joint Conformity Determination (Approval)	No later than October 1, 2022