

# AAAMPO

## **Transportation Conformity**

Technical Advisory Committee

October 7, 2022

# MPO Plans and Documents



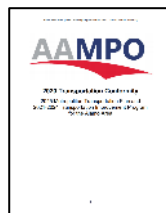
## **Transportation Improvement Program (TIP):**

Funded transportation projects within a four year timeframe; FY 2023-2026 TIP adopted June 27, 2022.



## **Metropolitan Transportation Plan (MTP):**

Future goals, strategies and transportation projects for 25 years; Mobility 2050 adopted June 27, 2022



## **Transportation Conformity Document (TCD)**

Evaluates future transportation projects to ensure no further harm to air quality; approved through a significant interagency consultation process; adopted June 27, 2022 – **update scheduled for approval December 12, 2022.**

# TIP and MTP Project Lists

- Roadway and transit project lists available at [alamoareampo.org/yourmove](http://alamoareampo.org/yourmove).
- Projects that did 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.
- **The updated Conformity Document reflects projects in the TIP and MTP as adopted in June 2022.**

# EPA Reclassification of Bexar Co.

- EPA has finalized their recommendation to **reclassify** the Bexar County nonattainment area from “Marginal” to “**Moderate**” .
- Today’s Federal Register published the final rulemaking for the San Antonio area. The **reclassification** will be effective **November 7, 2022**. New standards must be met by August 3, 2024. [See EPA Fact Sheet Here.](#)
- Through consultation with AAMPO’s interagency partner group (e.g. EPA, FHWA, TCEQ and TxDOT), AAMPO is **updating** the 2023 Transportation Conformity Document to **meet requirements of the new classification** and **prevent project delay.**

# “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
- AAMPO has coordinated with TTI to complete this test, known commonly as “**build v. no-build**”; including updates to “build” network\* and new “no-build” networks
- The build v. no-build test did *not* demonstrate conformity outright, however several “off-model” CMAQ projects demonstrate we **will meet** conformity requirements

\*no changes are being made to TIP or MTP as adopted in June 2022

# Bexar County “Action-Baseline” Results

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

Year	NO <sub>x</sub>	VOC
<b>2017</b>	35.38	22.49
<b>2025</b>	14.61	12.30
<b>2035</b>	9.04	8.38
<b>2045</b>	8.73	8.01
<b>2050</b>	9.29	8.38

Source: Texas A&M Transportation Institute analysis using MOVES2014b (August 25, 2022)

NO<sub>x</sub>: Nitrogen Oxides  
VOCs: Volatile Organic Compounds

# Bexar County “Build v. No-Build” Results

**Criteria:** Emissions modeled for “build” scenario must be below “no-build” for each analysis year

Year	Build		No-Build	
	NO <sub>x</sub>	VOC	NO <sub>x</sub>	VOC
<b>2017</b>	35.38	22.49	N/A	N/A
<b>2025</b>	14.61	12.30	<u>14.61</u>	<u>12.30</u>
<b>2035</b>	9.04	8.38	<u>9.01</u>	<u>8.38</u>
<b>2045</b>	8.73	8.01	<u>8.69</u>	<b>8.02</b>
<b>2050</b>	9.29	8.38	<u>9.26</u>	<b>8.40</b>

Source: Texas A&M Transportation Institute analysis using MOVES2014b (August 25, 2022)

NO<sub>x</sub>: Nitrogen Oxides  
VOCs: Volatile Organic Compounds

# “Off-Model” Emissions Reductions

- By statute, certain projects and programs must be included in the “No-Build” scenario
  - Existing facilities, services, and activities
  - Ongoing TDM (Alamo Commutes) and TSMO (HERO)
  - Regionally significant projects:
    - a) Under construction
    - b) Undergoing ROW acquisition
    - c) Come from first year of **previously conforming** TIP or MTP
    - d) Have completed the NEPA process
- Emissions reductions from CMAQ projects listed in the FY23-26 TIP can be used to demonstrate conformity if they are not modelled in the TDM and are not included in the “No-Build” scenario

Source: [Code of Federal Regulations § 93.119](#)



# “Off-Model” Emissions Reductions

	Par		CMAQ	
Year	NO <sub>x</sub>	VOC	NO <sub>x</sub>	VOC
<b>By 2025</b>	20	20	187	78
<b>2035</b>	80	20	216	83
<b>2045</b>	100	0	216	83
<b>2050</b>	80	0	216	83


\* Emissions reductions are in lbs./day

Source: AAMPO CMAQ Projects in FY23-26 TIP

NO<sub>x</sub>: Nitrogen Oxides

VOCs: Volatile Organic Compounds

# 2023 Transportation Conformity Schedule

Task	Date
TPB Action on initial Conformity Document	June 27, 2020
 <b>TAC Information on updated Conformity Document</b>	<b>October 7, 2022</b>
Updated TCD posted on AAMPO website	October 14, 2022
TPB Information on updated Conformity Document	October 24, 2022
Public Comment Period Opens	October 30, 2022
<b>TAC Action on updated Conformity Document</b>	<b>November 4, 2022</b>
<b>Public Meeting on updated Conformity Document (TxDOT Training Room)</b>	<b>November 15, 2022</b>
Public Comment Period Closes	December 1, 2022
<b>TPB Action on updated Conformity Document</b>	<b>December 12, 2022</b>
Joint FHWA-FTA Conformity Determination	<i>Early 2023</i>

# AAAMPO

## Questions?

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