

**2024
Transportation Conformity
Determination**

**With Associated Amendments to
Mobility 2050 and
FY 25-28 Transportation
Improvement Program**



Transportation Policy Board
July 22, 2024

AAMPO

2024

**TRANSPORTATION CONFORMITY
DETERMINATION**

2050 METROPOLITAN TRANSPORTATION PLAN
AND FY 2025-2028 TRANSPORTATION
IMPROVEMENT PROGRAM FOR THE ALAMO AREA

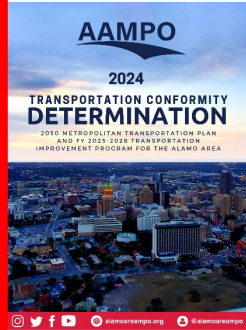


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MPO Required Documents



Transportation Conformity
Determination (TCD)



Metropolitan Transportation Plan
(MTP)



Transportation Improvement
Program (TIP)

AAMPO

2024

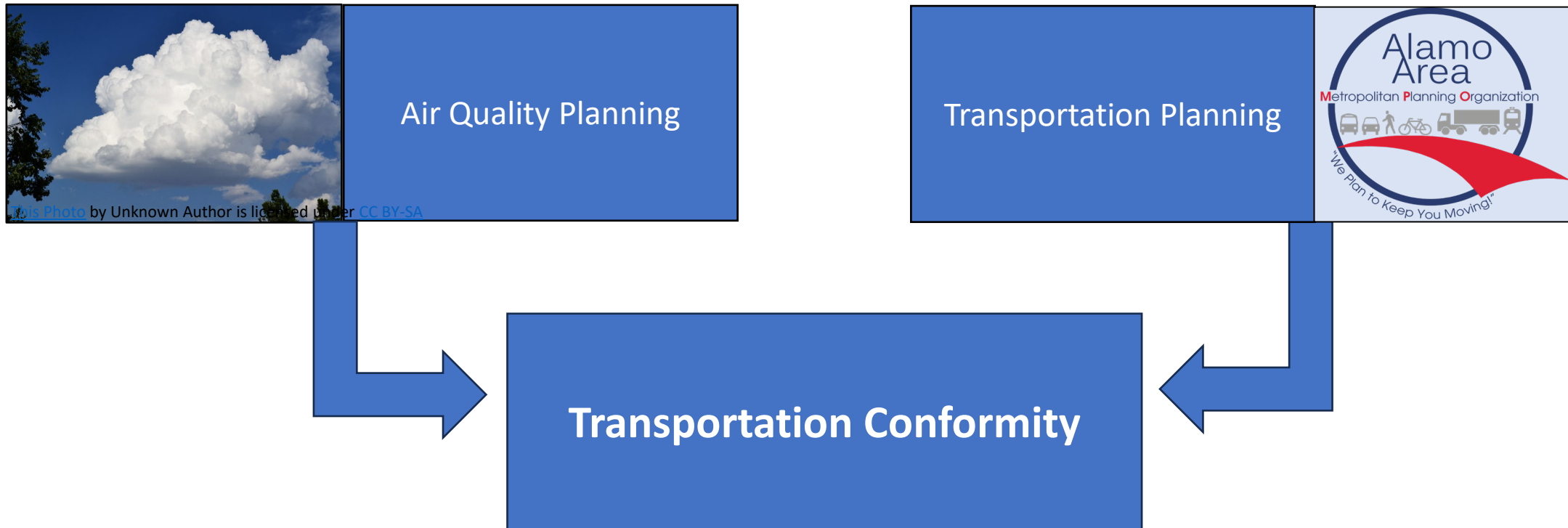
TRANSPORTATION CONFORMITY DETERMINATION

2050 METROPOLITAN TRANSPORTATION PLAN
AND FY 2025-2028 TRANSPORTATION
IMPROVEMENT PROGRAM FOR THE ALAMO AREA

Bexar County is in nonattainment for excessive levels of ozone.

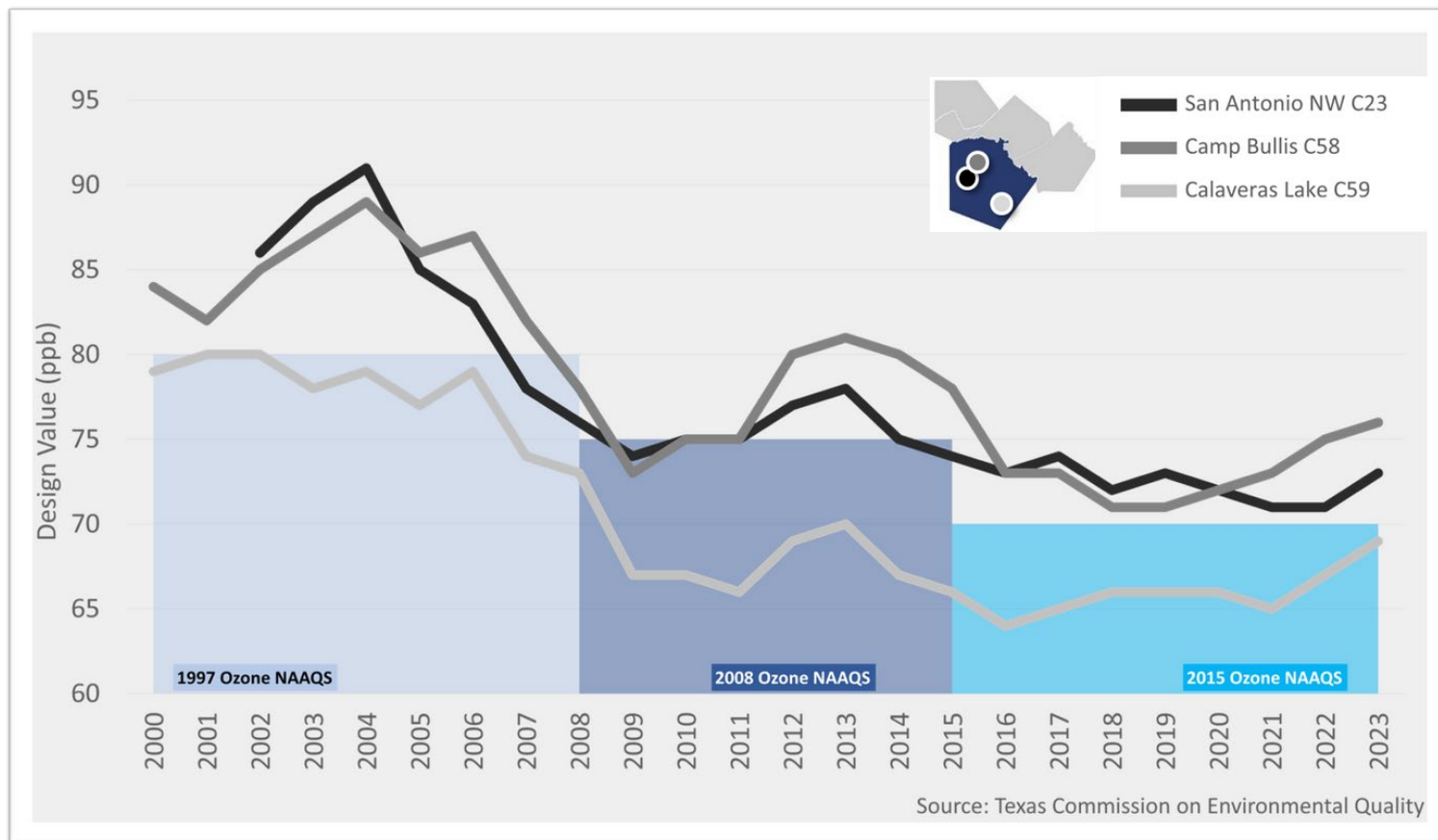
Nonattainment status requires projects to be evaluated as part of the Transportation Conformity Determination process.

Transportation conformity ensures federally-funded, approved projects and programs, in an MPO's short- and long-range plans, are consistent with state and national air quality goals.



The process is led by AAMPO with support from consultative partners.
Consultative partners include FHWA, EPA, TCEQ, VIA, and TxDOT.

Bexar County Ozone Level (i.e. Smog)



Bexar County was designated Marginal nonattainment for ozone in 2018 and reclassified as Moderate in 2022.

As of June 24, 2024, Bexar County reclassified to Serious nonattainment.

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

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

Serious Nonattainment

- Reclassified from *Moderate* to *Serious* as of June 26, 2024. Attainment date is September 24, 2027.
- State is required to develop a Motor Vehicle Emissions Budget (MVEB) as a baseline for future emissions modeling.
- Develop Inspections and Maintenance (I/M) program
- November 1, 2026 - Inspection for “Smog Test” (Safety inspections end in 2025)



Conformity Analysis

The regional transportation network is modeled, in AAMPO's Travel Demand Model (TDM), a computer simulation forecasting future regional travel, and vehicle emissions are estimated and analyzed for the nonattainment area (Bexar County).

The results of the analysis are used to make the Transportation Conformity Determination.





Conformity Analysis

- AAMPO does **not** have a MVEB yet.
- **Two “interim” tests** were used in place of the MVEB: “Action-Baseline” and “Build vs. No-Build”.
- **Action-Baseline** – directly compares No-Build emissions projections in analysis years to 2017 baseline year emissions.
- **Build vs. No-Build** – compares two separate TDM networks, one with only “existing and committed” projects, the second includes programmed projects from the TIP and MTP.
- FY25-28 TIP **Congestion Mitigation and Air Quality (CMAQ) projects can be used to demonstrate conformity**, if they are not modeled and not included in the “No-Build” scenario.

Revisiting Conformity Analysis

Revisions to the project list and the travel demand model required AAMPO to revisit the Transportation Conformity analysis.

April 2024 Findings

Analysis Year	NOx - Build ("Action") – including CMAQ (tons/day)	NOx - No-Build ("Baseline") (tons/day)	VOC - Build ("Action") – including CMAQ (tons/day)	VOC - No-Build ("Baseline") (tons/day)
2017	39.43		17.45	
2025	22.20	22.22	10.24	10.25
2035	18.02	18.25	6.33	6.54
2045	19.42	19.66	6.05	6.26
2050	21.00	21.26	6.33	6.54

July 2024 Findings

Analysis Year	NOx - Build ("Action") – including CMAQ (tons/day)	NOx - No-Build ("Baseline") (tons/day)	VOC - Build ("Action") – including CMAQ (tons/day)	VOC - No-Build ("Baseline") (tons/day)
2017	39.43		17.45	
2025	22.29	22.31	10.27	10.28
2035	18.84	19.05	6.53	6.73
2045	20.38	20.62	6.31	6.51
2050	22.21	22.46	6.64	6.84

Difference in Findings

(all increases from April to July <= 5%)

Analysis Year	NOx - Build	NOx - No-Build	VOC - Build	VOC - No-Build
2025	0.09	0.09	.03	.03
2035	.82	0.8	.20	.19
2045	.96	.96	.26	.25
2050	1.21	1.2	.31	0.3

Action Baseline Test (2017-2050)

Year	NO _x (US tons/day)	VOC (US tons/day)
2017	39.43	17.45
2025	22.31	10.28
2035	19.05	6.73
2045	20.62	6.51
2050	22.46	6.84

Action Baseline Criteria
Emissions modeled for analysis years must be **at or below** 2017 baseline year.



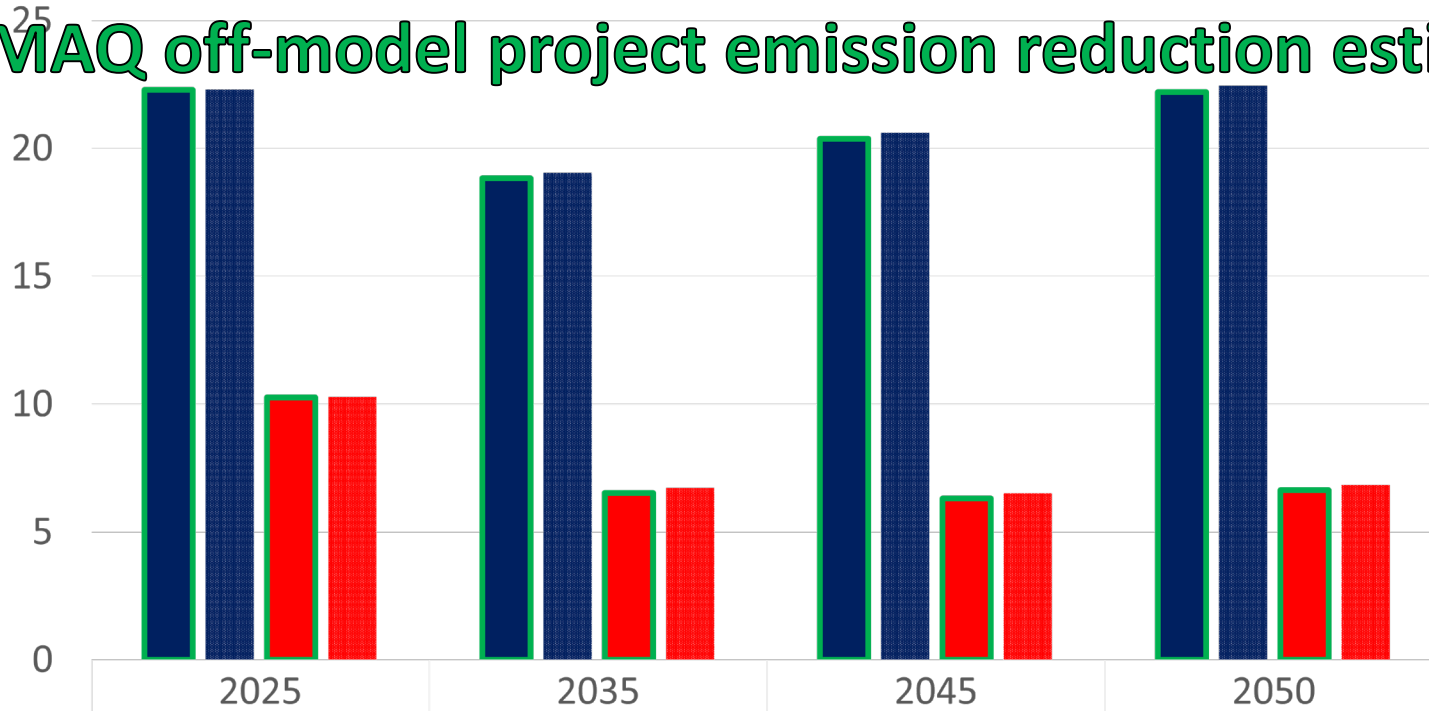
Source: Texas A&M Transportation Institute (July 2024)

NO_x: Nitrogen Oxides
VOCs: Volatile Organic Compounds

Build vs. No-Build Test

CMAQ off-model project emission reduction estimates included in results.

Emissions (US tons/day)



NOX Build	22.29	18.84	20.38	22.21
NOX No-Build	22.31	19.05	20.62	22.46
VOC Build	10.27	6.53	6.31	6.64
VOC No-Build	10.28	6.73	6.51	6.84

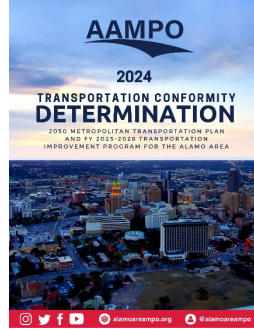
Build vs. No Build Criteria
Emissions modeled for analysis years in Build scenario must be **less than No Build scenario.**



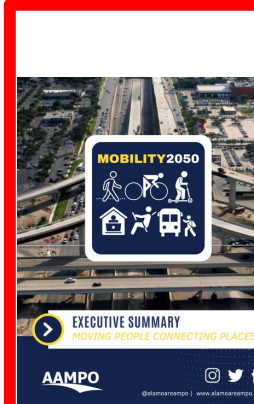
Source: Texas A&M Transportation Institute (July 2024)

NOx: Nitrogen Oxides
VOCs: Volatile Organic Compounds

MPO Required Documents



Transportation Conformity
Determination (TCD)



Metropolitan Transportation Plan
(MTP)



Transportation Improvement
Program (TIP)



MOBILITY2050



***MOVING PEOPLE
CONNECTING PLACES***

- All projects and programs in the TIP must be consistent with the current MTP, *Mobility 2050*.
- Projects currently listed in the MTP and not listed with these amendments will continue to be part of the MTP project list and remain unchanged.
- Projects slated for strategic development up to year 2050. AAMPO coordinated with TxDOT-SAT District to make amendments to the MTP project list based on major regional project needs.



Mobility 2050 Amendments

- Revise narrative to address comments from Federal Highway Administration (FHWA).
- Revise narrative to reflect current efforts for FY 25-28 TIP and 2024 Transportation Conformity public involvement.
- Revise narrative to include new funding category, Carbon Reduction.
- Revise project list to be consistent with FY 25-28 TIP and current long-range planning efforts.



Narrative Revisions

Performance Measures (PM) – Section 2.2 (pages 18 -19)

- Revised PM 1 – Safety Measures and Targets to reflect 2024 adopted numbers
- Added Congestion Mitigation and Air Quality (CMAQ) PMs and Targets

Public Involvement – Section 3.2 (pages 62-65)

- Added information about the 2023 Transportation Conformity Determination (TCD) public engagement effort (November 2022)
- Added information about the FY 2025-2028 Transportation Improvement Program (TIP) and 2024 TCD public engagement

Multimodal Forecast – Section 3.5 (pages 82-83)

- Revised Public Transportation Forecast to include City of New Braunfels information
 - Urban Transit District and Transit Development Plan
 - AAMPO's New Braunfels Transit Connection Study

Future Demand and Strategies – Section 3.6 (page 92)

- Added information on CMAQ PM and CMAQ Performance Plan

Funding Sources – Section 4.2 (page 115)

- Added information on the Carbon Reduction funding program

MTP Amendments

Project ID	Project Sponsor County	Project Name Brief Description	MTP Year	Amendment Description	Total Project Cost
9183	TxDOT Bexar	US 90 Expand from 4 lane divided to 6 lane expressway and frontage lanes SH 211 to LP 1604	2029	Moved from FY 28 to FY 29 Total Project Cost Increase	\$328,669,600
3530.1	TxDOT Bexar	SL 1604 Expand from 4 to 10 lane expressway w/2 HOV lanes Judson Road to IH 35N	2029	Moved from FY 28 to FY 29	\$216,487,800
9215	City of New Braunfels Comal	Gruene Area Multimodal Improvements	2031	Added to MTP	\$8,178,926
9202	TxDOT Guadalupe	FM 3009 Realign to Construct Railroad Grade Separation at FM 78	2032	Added to MTP	\$23,131,500
9200	TxDOT Bexar	IH 410 Operational Improvements Ingram Rd to FM 1535 (NW Military)	2032	Added to MTP	\$56,870,000
9199	TxDOT Comal	SH 46 Expand from 2 to 4 Lanes Divided Cranes Mill Rd to FM 2722	2032	Added to MTP	\$50,503,500
9198	TxDOT Comal	SH 46 Expand from 2 to 4 Lanes Divided FM 3159 to Cranes Mill Rd	2032	Added to MTP	\$98,762,400

MTP Amendments

Project ID	Project Sponsor County	Project Name Brief Description	MTP Year	Amendment Description	Total Project Cost
9195	TxDOT Bexar	IH 35 Expand from 6 to 10 Lanes and from 4 to 6 Frontage Roads Replace Bridges at ATT Parkway and at UP Railroad N. Walters to IH 410S	2025	Added to MTP	\$331,087,500
9210	TxDOT Bexar	SL 1604 Expand from 4 Lane Divided to 4 Lane Expressway with Frontage Roads Rocket Lane to IH 10 East	2033	Added to MTP	\$224,260,000
9201	TxDOT Comal	FM 3009 Expand from 2 to 4 Lanes and Add Shared Use Path FM 2252 to Bat Cave Road	2034	Added to MTP	\$61,726,500
9196	TxDOT Bexar	US 90 Expand from 4 Lane Divided to 6 Lane Expressway with Frontage Roads Bexar/Medina County Line to SH 211	2034	Added to MTP	\$292,659,300
9194	TxDOT Comal	IH 35 Expand from 6 to 10 Lanes 4 Express Lanes and 2 HOV Lanes FM 1103 to SL 337	2034	Added to MTP	\$280,325,000
9197	TxDOT Medina	US 90 Expand from 4 Lane Divided to 6 Lane Expressway with Frontage Roads FM 471 South to Bexar/Medina County Line	2034	Added to MTP	\$366,665,100

MTP Amendments

Project ID	Project Sponsor County	Project Name Brief Description	MTP Year	Amendment Description	Total Project Cost
9122	TxDOT Comal	FM 306 Expand from 2 to 4 Lanes Divided FM 2673 to River Chase Way	2035	Project Cost Reduced	\$31,694,000
9208	TxDOT Bexar	IH 410 Interchange Improvements Northbound Direct Connector to Westbound IH 10 and Eastbound Direct Connector to Northbound IH 410	2040	Added to MTP	\$204,732,000
9209	TxDOT Bexar	IH 410 Interchange Improvements Southbound Direct Connector to Westbound IH 10 and Eastbound Direct Connector to Southbound IH 410	2042	Added to MTP	\$204,732,000
9211	TxDOT Comal	US 281 Expand from 4 Lane Divided to 6 Lane Expressway with 2 HOV and Frontage Roads SH 46 to Comal/Blanco County Line	2044	Added to MTP	\$301,725,000
9204	TxDOT Bexar	SH 211 Expand from 4 Lane to 4 Lane Expressway with Frontage Roads FM 1957 (Potranco Road) to US 90	2044	Added to MTP	\$317,414,700

MTP Amendments

Project ID	Project Sponsor County	Project Name Brief Description	MTP Year	Amendment Description	Total Project Cost
9203	TxDOT Medina	SH 211 Expand from 2 Lane Undivided to 4 Lane Divided FM 1957 (Potranco Road) to US 90	2044	Added to MTP	\$91,625,000
9205	TxDOT Medina	SH 211 Expand from 2 Lane Undivided to 4 Lane Divided FM 1957 (Potranco Road) to FM 471	2044	Added to MTP	\$43,448,400
9206	TxDOT Bexar	SH 211 Expand from 2 Lane Undivided to 4 Lane Divided FM 1957 (Potranco Road) to FM 471	2044	Added to MTP	\$62,457,075
9207	TxDOT Medina	SH 211 Expand from 2 Lane Undivided to 4 Lane Divided FM 1957 (Potranco Road) to FM 471	2044	Added to MTP	\$27,155,250
9235	TxDOT Bexar	SH 211 Expand from 2 Lane Undivided to 4 Lane Divided FM 1957 (Potranco Road) to FM 471	2044	Added to MTP	\$73,080,000

TxDOT is working to consolidate these five segments into one control section job (CSJ). The current segments reflect the weave between Bexar and Medina Counties on SH 211.

MTP Amendments – Combined Projects

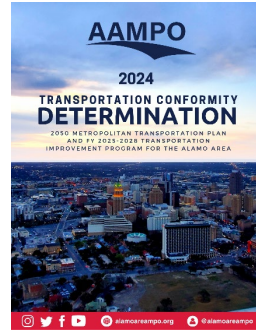
Project ID	Project Sponsor County	Project Name Brief Description	MTP/TIP Year	Amendment Description
5575	City of San Antonio Bexar	TDM Program	2023	Combined 5575.2 and 5575.3 to make one project under new MPO #
9171	VIA Bexar	VIA CNG Fleet Replacement	2026	Combined into new VIA route and battery electric buses
9170	AAMPO Bexar/Comal/ Guadalupe/Kendall	Alamo Area Commute Solutions Program	2026/2027/2028	Combined 9175 and 9180 to make one project under new MPO #

MTP Amendments –Projects Removed

Project ID	Project Sponsor County	Project Name Brief Description	MTP Year
5399	Guadalupe	SH 123 from SH123B to Wilson/Guadalupe County Line	2034
5390	Guadalupe	FM 725 from Zipp Rd to FM 78	2037
9190	Bexar	IH 410 from US 87 to IH 37	2040

*These projects need additional effort and are being removed from the MTP at this time.
They may be reincorporated into the MTP at a later date.*

MPO Required Documents



Transportation Conformity
Determination (TCD)



Metropolitan Transportation Plan
(MTP)



Transportation Improvement
Program (TIP)

AAMPO

FY 2025-2028

TRANSPORTATION IMPROVEMENT PROGRAM



- June 2024 Transportation Policy Board action was taken to approve the FY 25-28 TIP *conditionally*.
- Projects and programs that do not impact the Conformity Determination were advanced to be included in the Statewide TIP.
- One project was not approved for inclusion and must now be amended into the FY 25-28 TIP and *Mobility 2050*.

FY 25-28 TIP Amendment

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM
TIP PROJECTS FY 2025-2028
ALAMO AREA METROPOLITAN PLANNING ORGANIZATION

Non-Attainment: Bexar, Added Capacity (RSR)

FY 2025

TxDOT District	County	CSJ	Hwy	Phase	City	Project Sponsor	MPO Proj ID No.	Year of Expenditure
15 - San Antonio	Bexar	0017-10-292	IH 35	C	San Antonio	TxDOT	9195.0	\$331,087,500

Limits From: N. Walters St.

Limits To: IH 410 S

Description: Expand from 6 Lane to 10 Lane Expressway from 0.4 Miles North of AT&T Parkway to IH 410 S and from 4/6 to 4/6 FR Lanes; Replace IH 35/UPRR and AT&T Parkway Bridges

Remarks:

Project History:

7/24 - added to TIP

Cost of Approved Phases	NOx lbs/day	VOC lbs/day	Type of Work	TDM Network Years	Last Revision Date:
\$331,087,500	N/A	N/A	Added Capacity: Non Toll	2035,2045,2050	7/2024

Project Cost Information

Preliminary Engineering:	\$16,554,375
ROW Purchase	\$0
Construction Cost:	\$331,087,500
Construction Engineering	\$16,554,375
Contingencies:	\$16,554,375
Indirect Costs:	\$0
Utilities:	\$0
Total Project Cost:	\$380,750,625

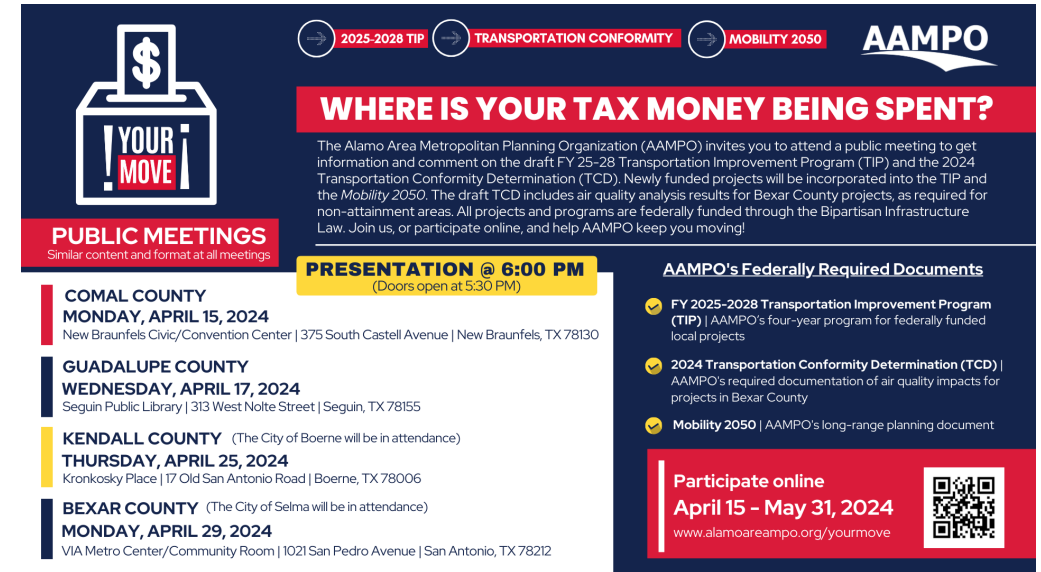
Authorized Funding by Category/Share

Category	Federal	State	Local	LC	Cat Totals
6 - Bridge	\$22,560,000	\$5,640,000	\$0	\$0	\$28,200,000
12 - Strategic Priority	\$55,750,579	\$13,937,645	\$0	\$0	\$69,688,224
2 - Metro Mobility	\$147,511,050	\$36,877,762	\$0	\$0	\$184,388,812
4 - Connectivity	\$39,048,371	\$9,762,093	\$0	\$0	\$48,810,464
Totals	\$264,870,000	\$66,217,500	\$0		\$331,087,500

Phase: C=Construction, E=Engineering, R=ROW, T=Transfer

Transportation Conformity Public Involvement

- 1 Public Meeting - 9 attendees
- >30 Day Initial Public Comment Period (April 29 – May 31, 2024); 10 Day Final Comment Period.
- 9 Outreach Events (April – May 2024)
- Reanalysis Posted to AAMPO's Your Move and Conformity Webpages
- Fast Track E-Newsletters, Social Media Posts, and Direct Notice to Stakeholders



The graphic features a dark blue background with a red and white 'YOUR MOVE' logo on the left. At the top, navigation arrows point to '2025-2028 TIP', 'TRANSPORTATION CONFORMITY', and 'MOBILITY 2050', with the AAMPO logo on the right. A red banner asks 'WHERE IS YOUR TAX MONEY BEING SPENT?'. Below, a paragraph explains the meeting's purpose. A yellow box highlights 'PRESENTATION @ 6:00 PM (Doors open at 5:30 PM)'. A list of public meetings follows, including dates and locations for Comal, Guadalupe, Kendall, and Bexar counties. On the right, a section lists 'AAMPO's Federally Required Documents' with three bullet points. At the bottom right, a red box says 'Participate online April 15 - May 31, 2024' with a QR code and the website URL.

YOUR MOVE

2025-2028 TIP → TRANSPORTATION CONFORMITY → MOBILITY 2050 **AAMPO**

WHERE IS YOUR TAX MONEY BEING SPENT?

The Alamo Area Metropolitan Planning Organization (AAMPO) invites you to attend a public meeting to get information and comment on the draft FY 25-28 Transportation Improvement Program (TIP) and the 2024 Transportation Conformity Determination (TCD). Newly funded projects will be incorporated into the TIP and the *Mobility 2050*. The draft TCD includes air quality analysis results for Bexar County projects, as required for non-attainment areas. All projects and programs are federally funded through the Bipartisan Infrastructure Law. Join us, or participate online, and help AAMPO keep you moving!

PUBLIC MEETINGS
Similar content and format at all meetings

PRESENTATION @ 6:00 PM
(Doors open at 5:30 PM)

COMAL COUNTY
MONDAY, APRIL 15, 2024
New Braunfels Civic/Convention Center | 375 South Castell Avenue | New Braunfels, TX 78130

GUADALUPE COUNTY
WEDNESDAY, APRIL 17, 2024
Seguin Public Library | 313 West Nolte Street | Seguin, TX 78155


KENDALL COUNTY (The City of Boerne will be in attendance)
THURSDAY, APRIL 25, 2024
Kronkosky Place | 17 Old San Antonio Road | Boerne, TX 78006

BEXAR COUNTY (The City of Selma will be in attendance)
MONDAY, APRIL 29, 2024
VIA Metro Center/Community Room | 1021 San Pedro Avenue | San Antonio, TX 78212

AAMPO's Federally Required Documents

- ✓ FY 2025-2028 Transportation Improvement Program (TIP) | AAMPO's four-year program for federally-funded local projects
- ✓ 2024 Transportation Conformity Determination (TCD) | AAMPO's required documentation of air quality impacts for projects in Bexar County
- ✓ Mobility 2050 | AAMPO's long-range planning document

Participate online
April 15 - May 31, 2024
www.alamoareampo.org/yourmove



- May, June, and July
Technical Advisory Committee Meetings
- May, June, and July
Transportation Policy Board Meetings

Transportation Conformity Comment Summary

- 6 comments submitted under TCD
- 3 TIP comments mention air quality

- Focus on projects for **people, not cars.**
- Negative comment on document repetitiveness
- Need for **rail**
- Air quality is a Bexar County issue.
- **Public transportation, rail, and pedestrian and bicycle infrastructure** desired
- Making more space for drivers is contrary to achieving better air quality.
- Need **more transit and protected bike lanes**, not more spending on highways
- Need **public transportation and dense urban planning** to get people out of cars.
- Stated benefits of an **efficient rail system**
- Induced demand won't solve air quality issue, need **rail and better VIA service.**

WE NEED YOUR FEEDBACK!

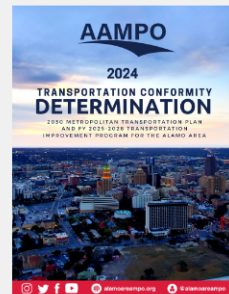
Please Provide Your Zip Code.

This information will be used to show geographic engagement results.

Provide Feedback on the FY 2025-2028 Transportation Improvement Program (TIP).

Provide Feedback on the Transportation Conformity Determination Document.

Other Feedback.



Schedule

Air Quality Reanalysis	June 12 – July 2, 2024
Transportation Policy Board (conditional action on FY 25-28 TIP)	June 24, 2024
TCD Document Updated and Posted	July 12, 2024
Technical Advisory Committee TCD Action and MTP and TIP Amendments	July 19, 2024
Transportation Policy Board TCD Action and MTP and TIP Amendments	July 22, 2024
AAMPO Discussions with TxDOT MPO Project #9195 IH 35 NEX	Week of July 22, 2024
FY2025-2028 STIP Approval	September – October 2024
<i>November 2024 STIP Revision Will Open Immediately After STIP Approval</i>	
Joint FHWA-FTA Conformity Determination	Fall 2024 (Tentative)
Approval of (Conforming) November Revision	Winter 2024-25

Resolution for Consideration



Resolution Adopting the 2024 Transportation Conformity Determination for the Bexar County Nonattainment Area

WHEREAS, pursuant to federal law, the Governor of the State of Texas designated the Alamo Area Metropolitan Planning Organization (AAMPO) as the Metropolitan Planning Organization for the San Antonio region; and

WHEREAS, AAMPO's Transportation Policy Board is the entity for cooperative decision-making regarding regional transportation issues in Bexar County, Comal County, Guadalupe County, and a portion of Kendall; and

WHEREAS, State and Federal Transportation Regulations assign the MPO the responsibility for developing and maintaining the Metropolitan Transportation Plan (MTP) and Transportation Improvement Program (TIP) and their periodic updates; and

WHEREAS, the MTP (*Mobility 2050*) and the FY 2025-2028 TIP were developed or amended using the most recent federal guidance and applicable regulations; and

WHEREAS, AAMPO is responsible for carrying out the Transportation Conformity process, in consultation with the State and local air quality planning agencies, State and local transportation agencies, the Environmental Protection Agency (EPA), and the U.S. Department of Transportation (USDOT); and

WHEREAS, the EPA designated Bexar County as marginal nonattainment under the 2015 8-hour ozone National Ambient Air Quality Standard (NAAQS) effective September 24, 2018 and most currently redesignated the Bexar County area as Serious nonattainment, based on voluntary reclassification requests from the State, effective June 26, 2024; and

WHEREAS, the amended *Mobility 2050*, the adopted FY 2025-2028 TIP and the 2024 Transportation Conformity Determination have been developed in compliance with AAMPO's adopted Public Participation Plan; and

WHEREAS, the amended *Mobility 2050*, the FY 2025-2028 TIP and the 2024 Transportation Conformity Determination were recommended for adoption to the Transportation Policy Board by the Technical Advisory Committee.

NOW, THEREFORE, BE IT RESOLVED that the Transportation Policy Board adopts the amended *Mobility 2050* and the amended FY 2025-2028 TIP.

BE IT FURTHER RESOLVED that the Transportation Policy Board approves the results of the 2024 Transportation Conformity Determination, which demonstrates that implementation of *Mobility 2050* and the FY 2025-2028 TIP will not cause any new violations of the 2015 8-hour ozone NAAQS, increase the frequency or severity of violations of the standard or delay timely attainment of the standard.

PASSED AND APPROVED this 22nd day of July 2024.

Melissa Cabello Havrda, Chair
Alamo Area Metropolitan Planning Organization

Action Requested

**Motion to adopt by resolution the
2024 Transportation Conformity Determination,
the proposed amendments to *Mobility 2050*,
and the proposed amendment to the
FY 25-28 Transportation Improvement Program.**