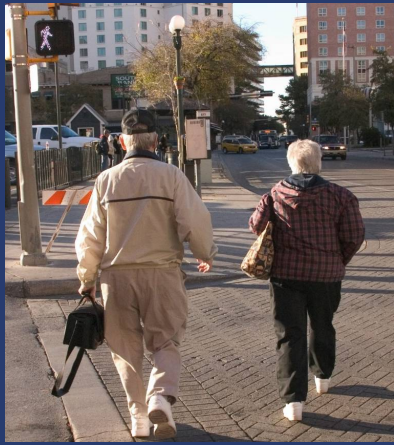


Alamo Area Metropolitan Planning Organization



OVERVIEW

- **About AAMPO**
- **Upcoming AAMPO Studies**
- **AAMPO Projects On the Horizon**
- **Regional Partnerships**





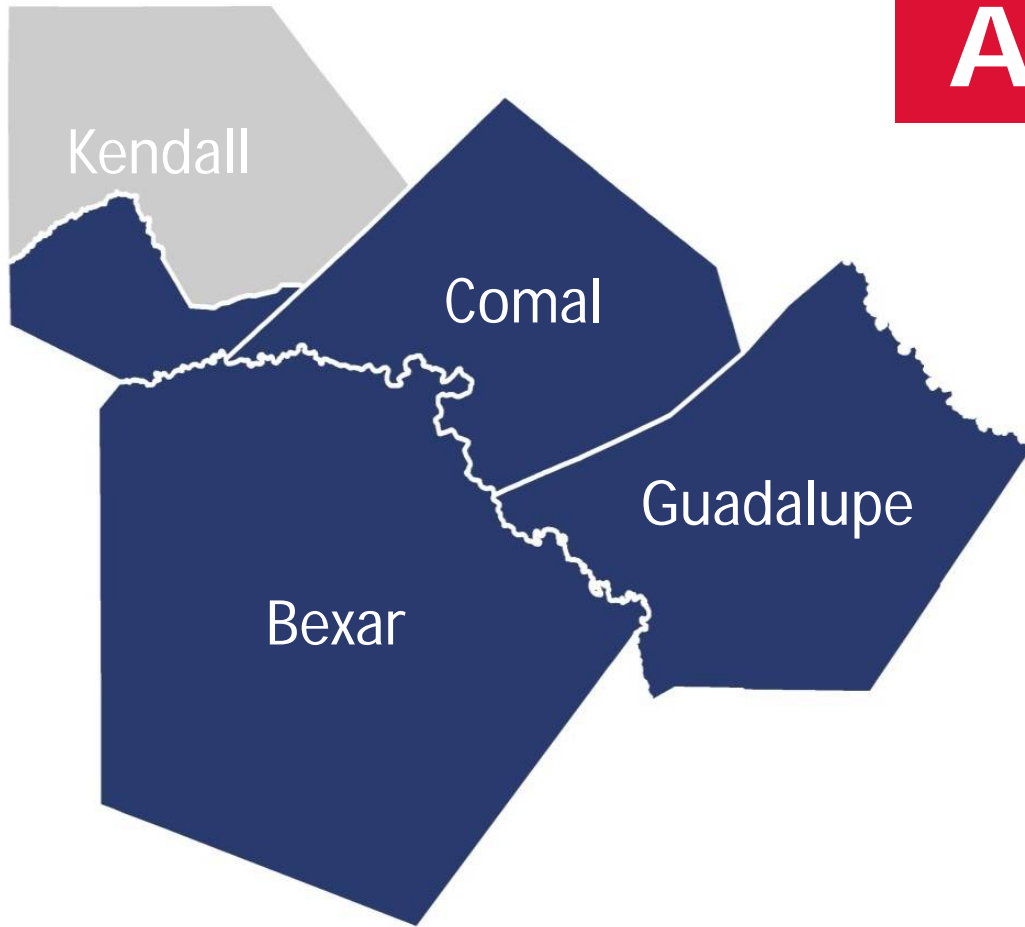
The Alamo Area Metropolitan Planning Organization (AAMPO) is a federally-mandated agency that guides regional transportation planning, including allocating federal dollars to transportation projects in the Alamo Area.



AAMPO also administers programs that improve mobility, air quality and safety. It is guided by the **Transportation Policy Board**, made up of elected and appointed officials.



AAMPO Study Area



2.45 million
residents

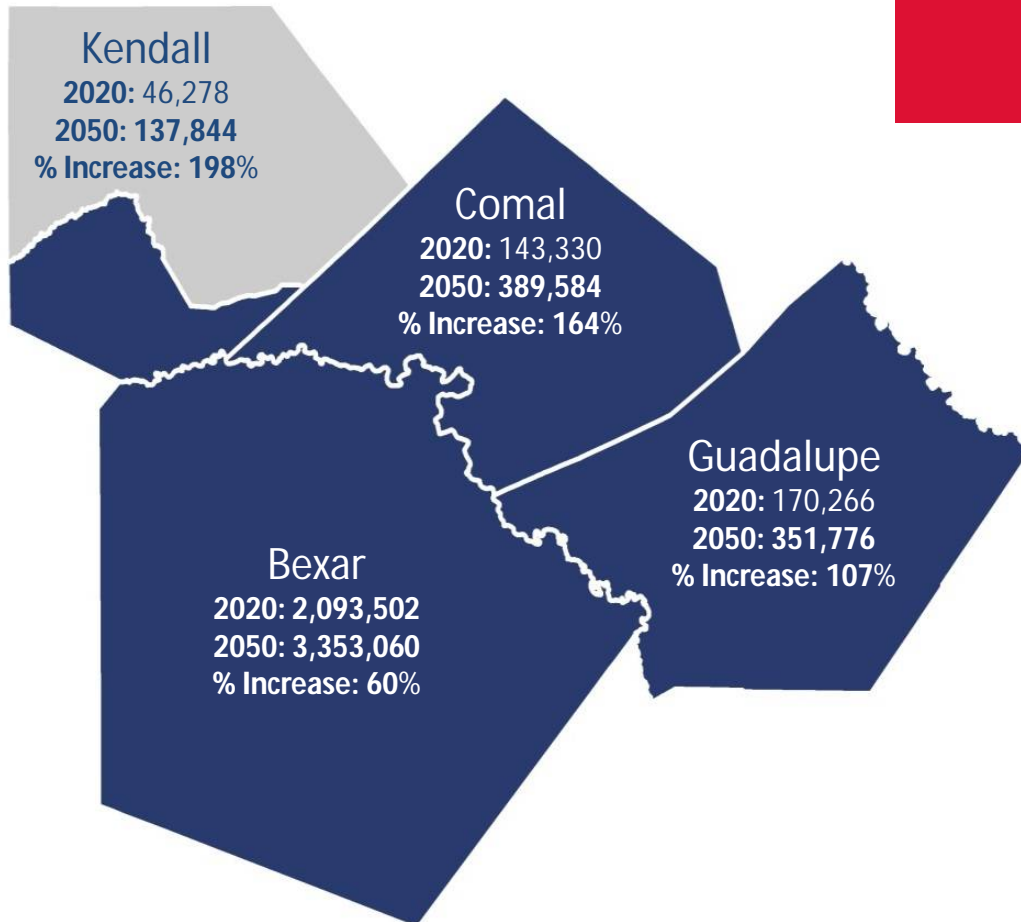
16,000
lane miles

67 million
miles traveled daily

*2020 numbers



2050 Forecast



4.2 million
Residents

17,000
lane miles

116 million
miles traveled daily

The **3-C** Planning Process



Cooperative

No single agency is responsible for the entire transportation system



Comprehensive

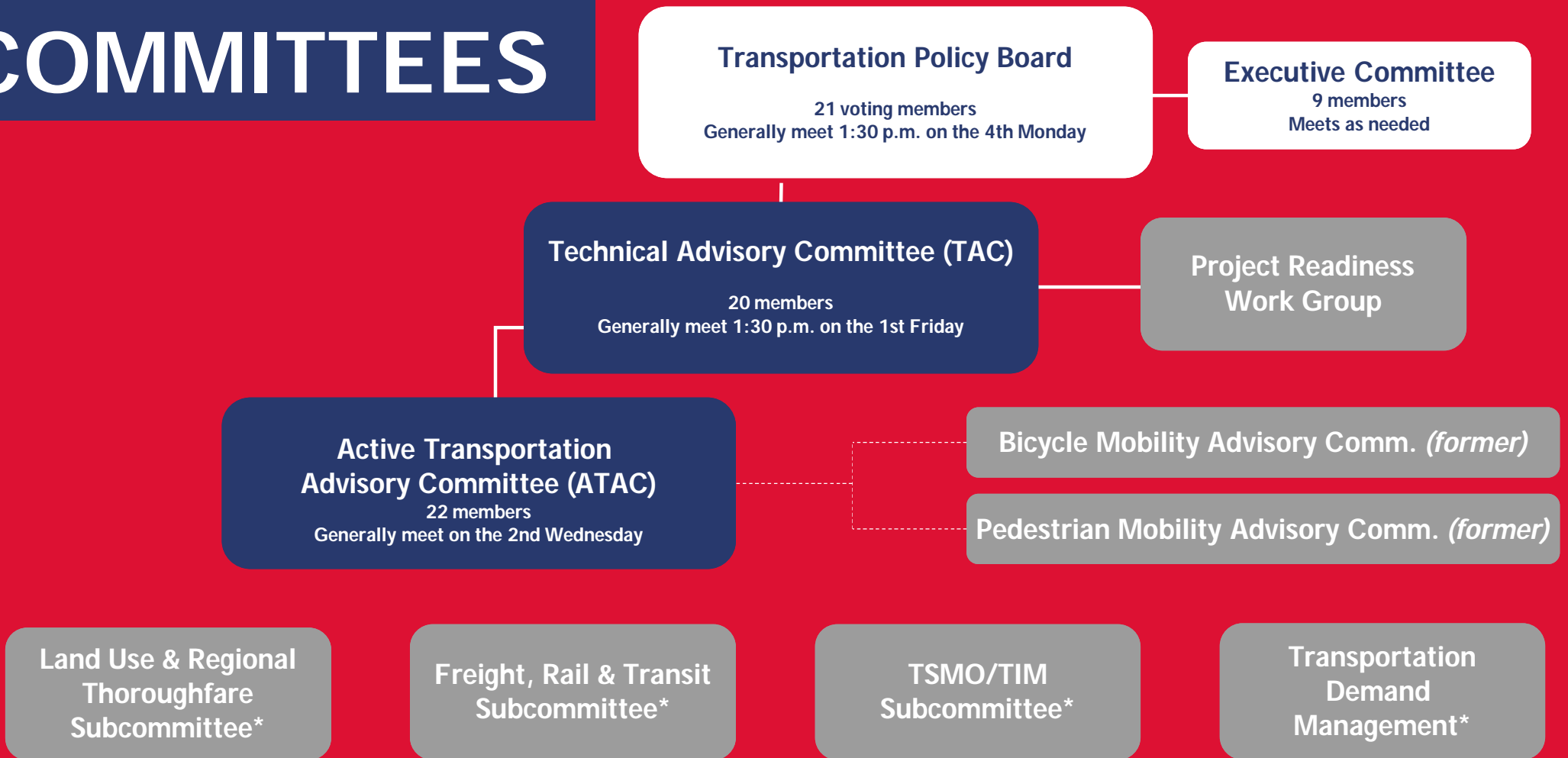
Encompassing all transportation modes and representative of the metropolitan region



Continuous

Ongoing planning to address short, mid and long term vision and needs

COMMITTEES



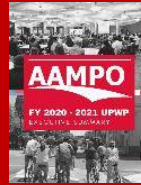
*Operate on an informal basis and meet as needed

Transportation Policy Board Member	Representing
Councilwoman Melissa Cabello-Havrda, <i>Chair</i>	City of San Antonio
Commissioner Rebecca Clay-Flores, <i>Chair Elect</i>	Bexar County
Commissioner Kevin Webb, <i>First Vice Chair</i>	Comal County
Mr. Kevin Wolff, Board Member	Advanced Transportation District
Mr. Michael J. Lynd, Jr., Board Chairman	Alamo Regional Mobility Authority
Commissioner Tommy Calvert, Jr.	Bexar County
Commissioner Grant Moody	Bexar County
Mr. David Wegmann, P.E., County Engineer	Bexar County
Councilman Andres Campos	City of New Braunfels
Councilwoman Teri Castillo	City of San Antonio
Councilman John Courage	City of San Antonio
Councilwoman Phyllis Viagran	City of San Antonio
Ms. Bridgett White, Planning Director	City of San Antonio
Razi Hosseini, P.E., RPLS, Public Works Director	City of San Antonio
Mayor Donna Dodgen	City of Seguin
Mayor Chris Riley, Leon Valley	Greater Bexar County Council of Cities
Judge Kyle Kutscher	Guadalupe County
Councilman Bryce Boddie	Kendall County Geographic Area
Mayor Pro Tem Kevin Hadas, Selma	Northeast Partnership
Ms. Gina Gallegos, P.E., District Engineer	TxDOT San Antonio
Mr. Javier Parades, Board Member	VIA Metropolitan Transit

POLICY BOARD MEMBERS



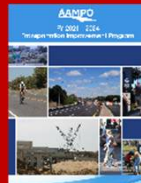
DOCUMENTS



Unified Planning Work Program (UPWP)



Metropolitan Transportation Plan (MTP)



Transportation Improvement Program (TIP)



Transportation Conformity Determination (TCD)



UPWP

- MPO staff budget and regional planning studies over a two year timeframe
- FY 2022-2023 UPWP will be adopted this June
- Funds new studies on resiliency, curb management, freight

<http://alamoareampo.org/Plans/UPWP/>



Unified Planning Work Program (UPWP)

- Covers two fiscal years – FY 2024 and FY 2025
- Development is guided by AAMPO [Policy 1](#)
- Funded with FHWA Planning (PL) and FTA §5303 formula distribution
- Lays out scope, schedule, and cost for transportation planning activities
- Includes regionally significant planning studies

AAMPO – Regional Thoroughfare Study

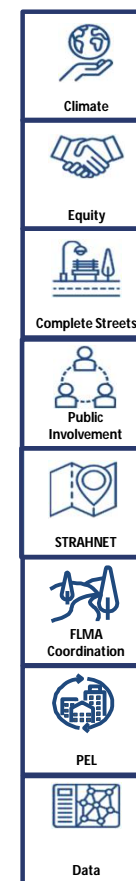
Study Description

- Comprehensive regional thoroughfare study that will correspond with requirements for right-of-way.
- Coordinated effort with regional partners who have/are developing individual thoroughfare plans
- Focus on creating a regional coordinated network to serve both present and future mobility and access needs.
- Update from the 2018 study and potentially updated every five years.

MTP Goal

Invest in the existing transportation system and preserve right-of-way for future system improvements

Cost Estimate **\$450,000**



AAMPO - Regional Information Technology System (ITS) and Traffic Systems Management and Operations (TSMO) Plan

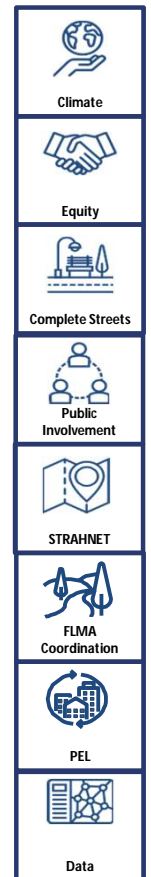
Study Description

- Develop a multimodal master plan for ITS and TSMO to improve mobility across all modes
- Identify how to best integrate planning, design, technology, and operations and management to increase the safety and efficiency.
- The effort will compliment TXDOT's TSMO Strategic Plan.

MTP Goal

Improve and enhance the regional transportation system by encouraging innovative partnerships, exploring emerging transportation technologies, and being stewards for the effective and efficient use of existing and future funding sources

Cost Estimate **\$450,000**



AAMPO – Safety Action Plan

Study Description

- Conduct a systemic safety analysis for motorists, bicyclists, and pedestrians
- Identify high risk locations and collision patterns and identify countermeasures
- Analyze rural areas and counties
- Coordinate with urban area safety planning areas

MTP Goal

Maintain a focus on safety, especially for the most vulnerable users, to reduce the number of fatalities and serious injuries.

Cost Estimate **\$250,000** (to include the Regional Lighting Study scope)



New Braunfels Transit Connection Study

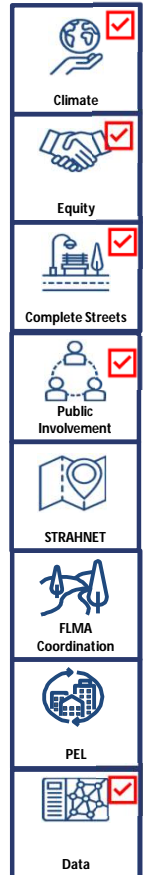
Study Description

- Establish a regional vision for transit and a path to implement it.
- The study will identify high demand and critical destinations and gaps in transit access to these locations.
- Possible transit connections will be identified to implement the vision and fill in these gaps.

MTP Goal

Increase the efficiency and reliability of the transportation system, encourage alternative modes of transportation and transit to reduce the use of single occupancy vehicles, and continue to manage traffic congestion.

Cost Estimate **\$350,000**



VIA – Transit Asset Management Study

Study Description

- Assess the condition of VIA’s passenger amenities (shelters and benches) and recommend a replacement plan.
- The age of the shelters vary from 1994 – 2017. The assessment and replacement study will focus on the oldest structures (approximately 1,000 in quantity).

MTP Goal

Improve and enhance the regional transportation system by encouraging innovative partnerships, exploring emerging transportation technologies, and being stewards for the effective and efficient use of existing and future funding sources.

Cost Estimate **\$250,000**



What is the MTP?

Long-range

The Metropolitan Transportation Plan (MTP) forecasts transportation needs for the next 25 years and outlines projects that could be funded in that timeframe.

Current trends

The MTP analyzes current trends in population, jobs, household size and income, mode choice, and more.

Future projections

Data informs forecasts about where infrastructure should be built to meet long-term transportation needs.

Guide project selection

The vision and goals outlined in the MTP guide decisions about which transportation projects to fund and implement in the short-range plan. We update the MTP every four years.

What is the **TIP?**

Short-range

The Transportation Improvement Program (TIP) is a 4-year list of transportation projects that have been approved for funding.

Set budget

Projects listed in the TIP have actual dollars for construction tied to them

Developed cooperatively

The TIP is developed with partner agencies every two years. A "project call" is a competitive process to add local projects to the TIP

Led by MTP

The project selection is guided by the vision and values established in the Metropolitan Transportation Plan.

<http://alamoareampo.org/Plans/TIP/>



What projects are in the TIP and MTP?

TIP Project Examples



TxDOT HERO Program



UTSA Mobile Bike Repair Shop



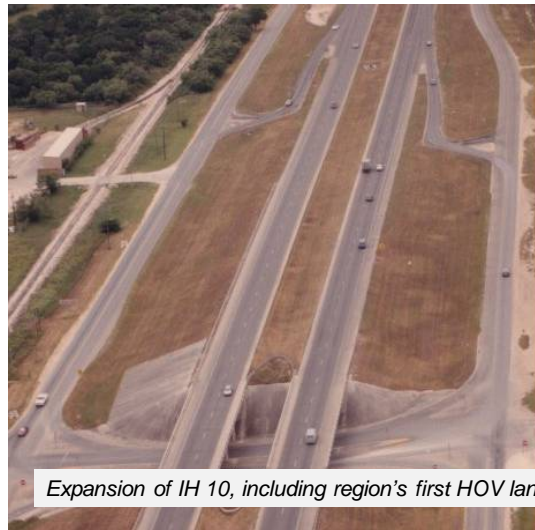
Multiuse trail expansion at Walnut Springs



Roundabout at San Pedro/Navarro



Brooks Transit Center for Primo service on Military



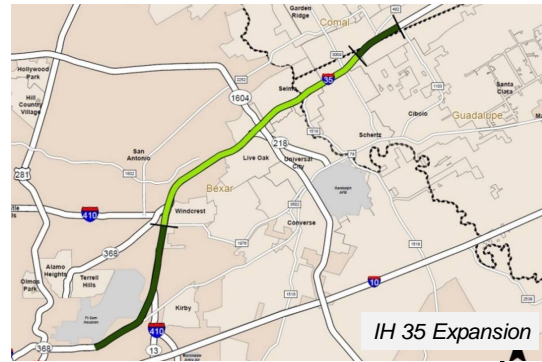
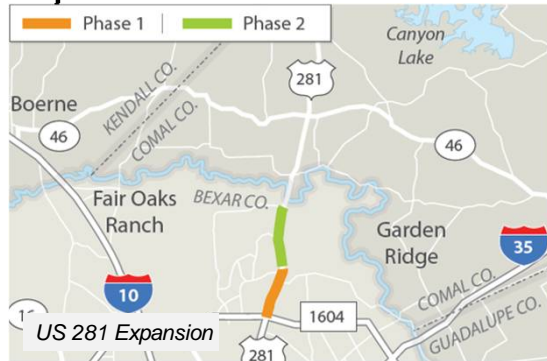
Expansion of IH 10, including region's first HOV lanes



Roadway Projects

US 281 Expansion

- Phase 1: Loop 1604 to Stone Oak (complete)
- Phase 2: Stone Oak to County Line (complete)
- Total Construction Cost: \$530 M



I-35 NE Expansion (NEX)

(N. Walters Street to FM 1103 (Cibolo))

- Construct 2 elevated lanes + 1 elevated HOV lane in each direction
- Total construction cost: \$3.4 billion (some funding still needs to be identified)
- Portions of the Project are currently underway
- Anticipated completion date: Fall 2028



Loop 1604 Expansion

SH 16 (Bandera Rd) to I-35

- Expand to 8 lanes + 2 HOV lanes
- Interchange Improvements at IH10
- Total construction cost: \$1 billion+ (\$693 million identified)

Proposed Construction Schedule:

- Project is broken up into four segments
- First segment broke ground in 2021
- Construction to run through Fall 2027

State Funding Categories

CATEGORY 1

Preventive
Maintenance and
Rehabilitation

CATEGORY 2

Metropolitan Area
Corridor

CATEGORY 3

Non-Traditional
Funding Sources
(local contribution)

CATEGORY 4

Connectivity

CATEGORY 5

Congestion Mitigation
& Air Quality
Improvement (CMAQ)

CATEGORY 6

Bridge

CATEGORY 7

Surface Transportation
Block Grant (STBG)

CATEGORY 8

Safety

CATEGORY 9

Transportation
Alternatives

CATEGORY 11

District Discretionary

CATEGORY 12

Strategic Priority

TRANSIT

Project Funding



Call for Projects: Overview

- Congestion Mitigation and Air Quality (CMAQ) (~\$22.5 M per year)
 - Bexar County projects only
 - Focus on emissions benefits
- Carbon Reduction Program (CRP) (~\$15M per year)
 - New funding category with additional TxDOT guidance forthcoming
 - Reduce traffic congestion by facilitating use of alternatives to single-occupancy vehicles (SOVs)
 - Available throughout AAMPO region
- Transportation Alternatives (TA) (~\$7.2M per year)
 - Bicycle and pedestrian projects only
 - Projects must be in areas open to the public

**STBG funds were used for project cost increases and will be included in future calls*

AAMPO Call for Projects: Overview

Project Type	CMAQ (Bexar Co. only)	Carbon Reduction Program	TA
Bicycle/Pedestrian	✓	✓	✓
Add travel lanes			
Transportation Systems Mgmt & Operations	✓	✓	
Transit	✓	✓	
Planning Studies			

**STBG funds were used for project cost increases and will be included in future calls*



Project Call Schedule

Date	Milestone
February/March 2023	ATAC Information/Action
March/April 2023	TAC and TPB Information/Action
May 1, 2023	Project Call Begins
May 2023 (TBD)	Information Workshops (CMAQ, CRP, and TA)
May-June 2023	Development and Local Match Early Review Period
August 1, 2023	Project Submittal Due to AAMPO
September 2023 (TBD)	TAC/ATAC Project Scoring Workshops
October 2023	Public Involvement
December 2023	Selection and Approval of CMAQ, CRP, and TA Funded Project Lists
May 2024	Action to Approve FY2025-2028 TIP

Purpose of Study



Objective:

To develop a regional strategy to enhance mobility and identify

1. Infrastructure
2. Policy and
3. Technology solutions

for the Greater Austin-San Antonio region.

By:

1. defining the need/market
2. identifying options
3. recommending potential solutions

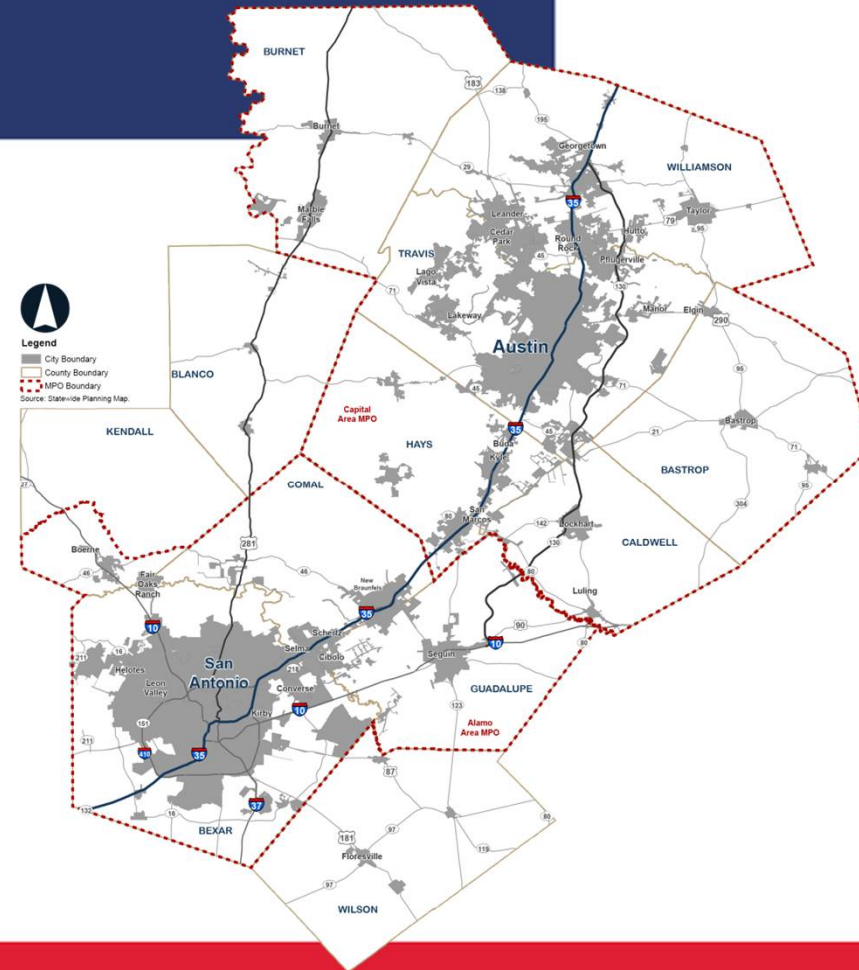
Outcome:

An implementable system of improvements organized into short-, mid- and long-term transportation improvements

Study Area

Twelve counties in the area of influence of the Metropolitan areas

This includes ALL member counties of both Metropolitan Planning Organizations



Multi-Regional Plans



2040 Long Range Transportation Plan



2018 Austin Strategic Mobility Plan



Unified Transportation Program (10 year)



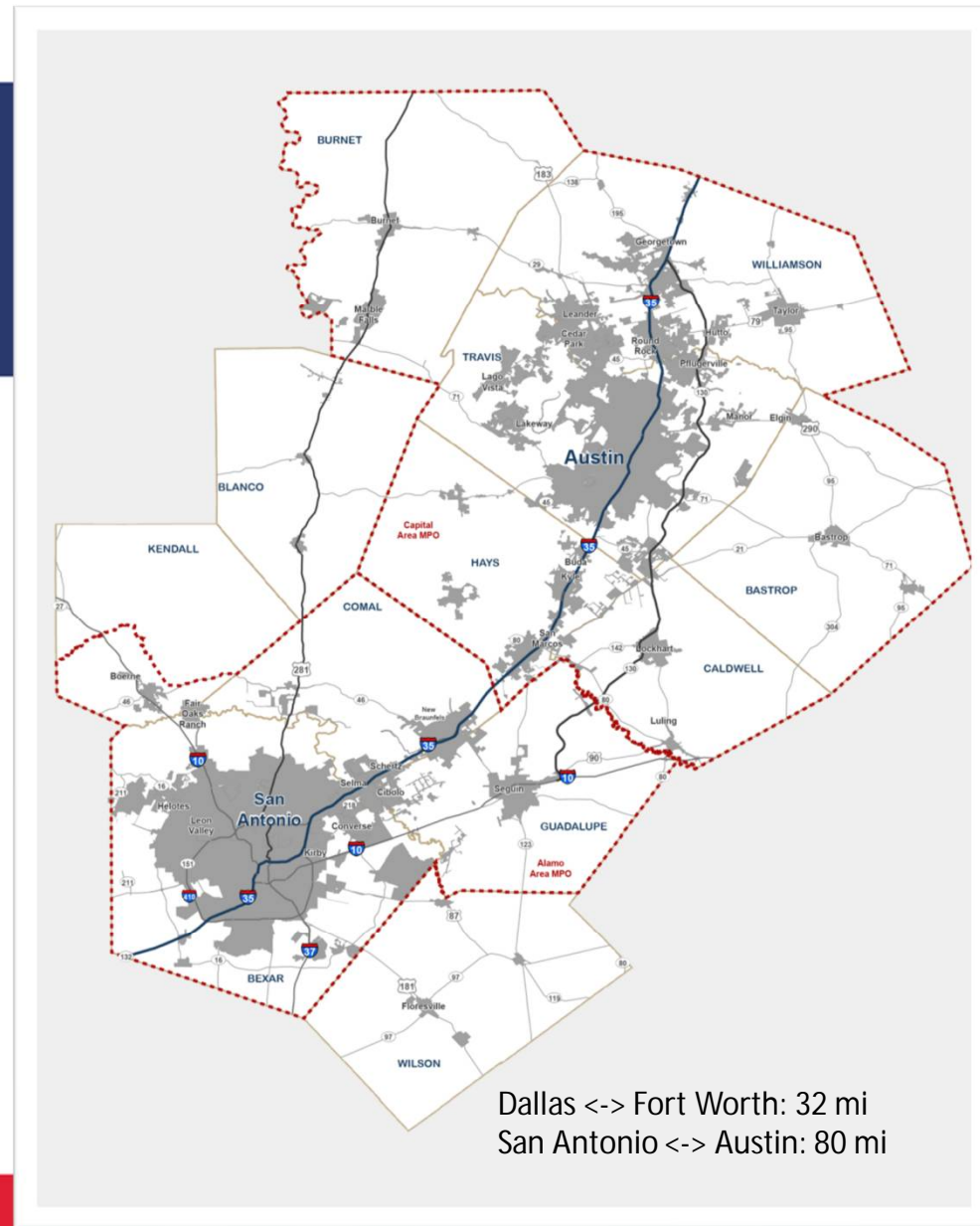
Statewide Long-Range Transportation Plan 2035



Mobility 2040 Metropolitan Transportation Plan

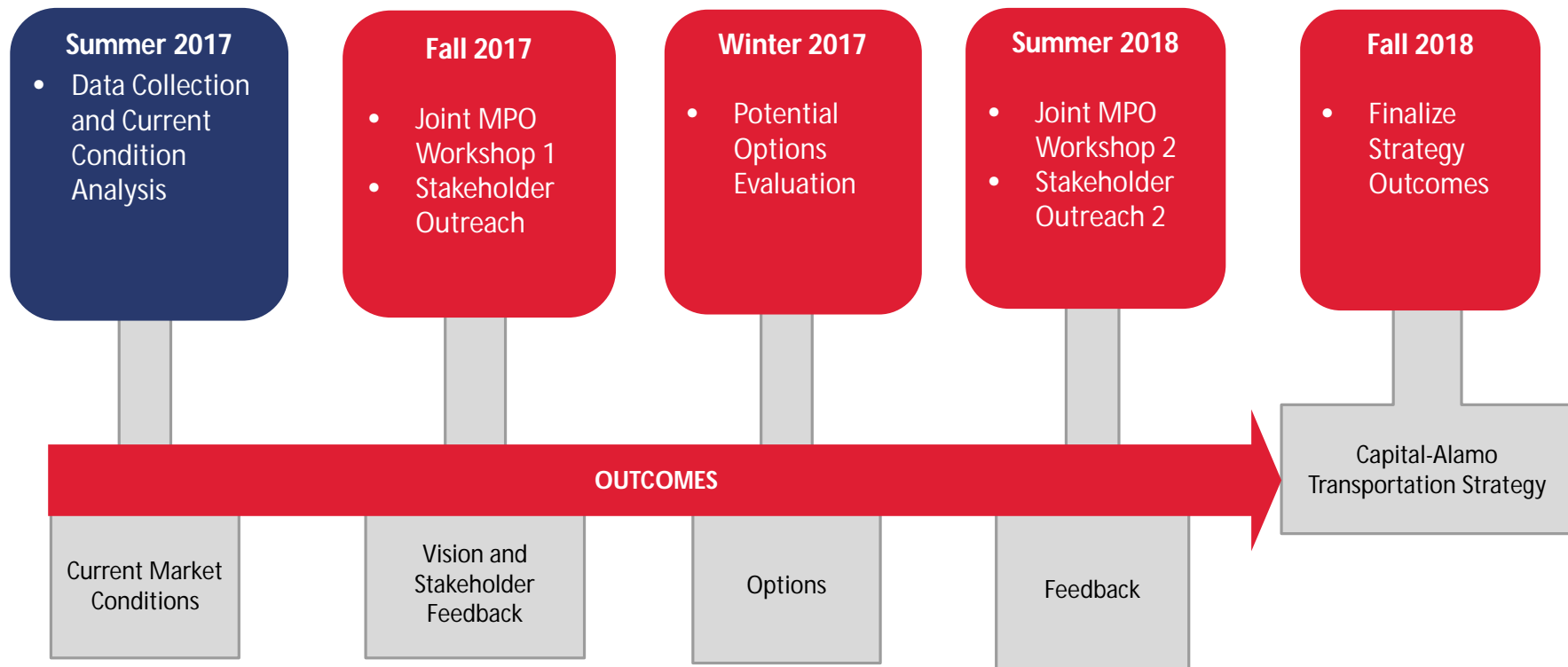


San Antonio Multimodal Transportation Plan



Dallas <-> Fort Worth: 32 mi
San Antonio <-> Austin: 80 mi

Study Schedule & Deliverables



Immediate Concerns



Few options for
Direct Connections



Considerable
Delay and Traffic



Passenger Needs



Accelerated Regional
Growth



Emerging
Multi-Regional Issues

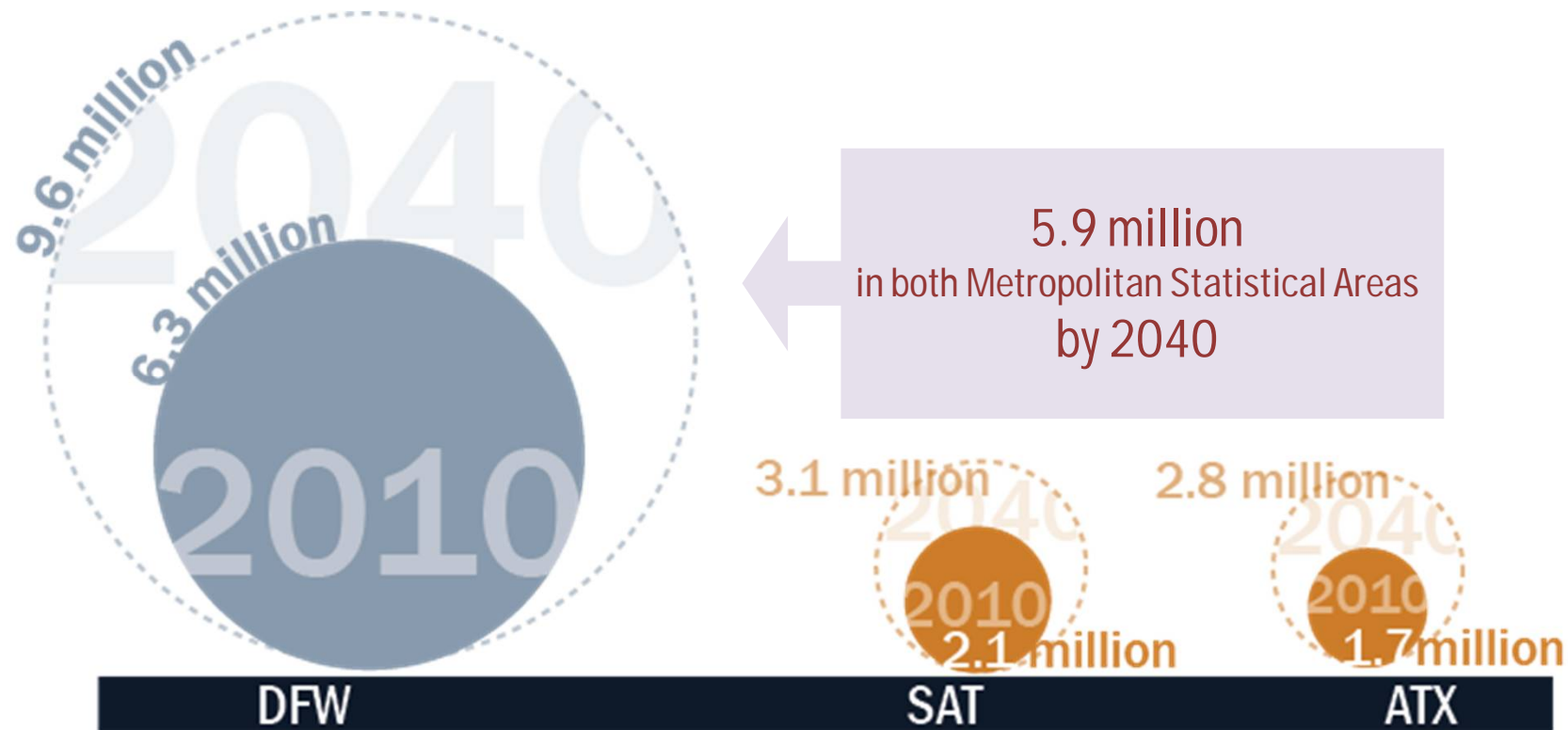


Freight Needs

CHALLENGES

Growth

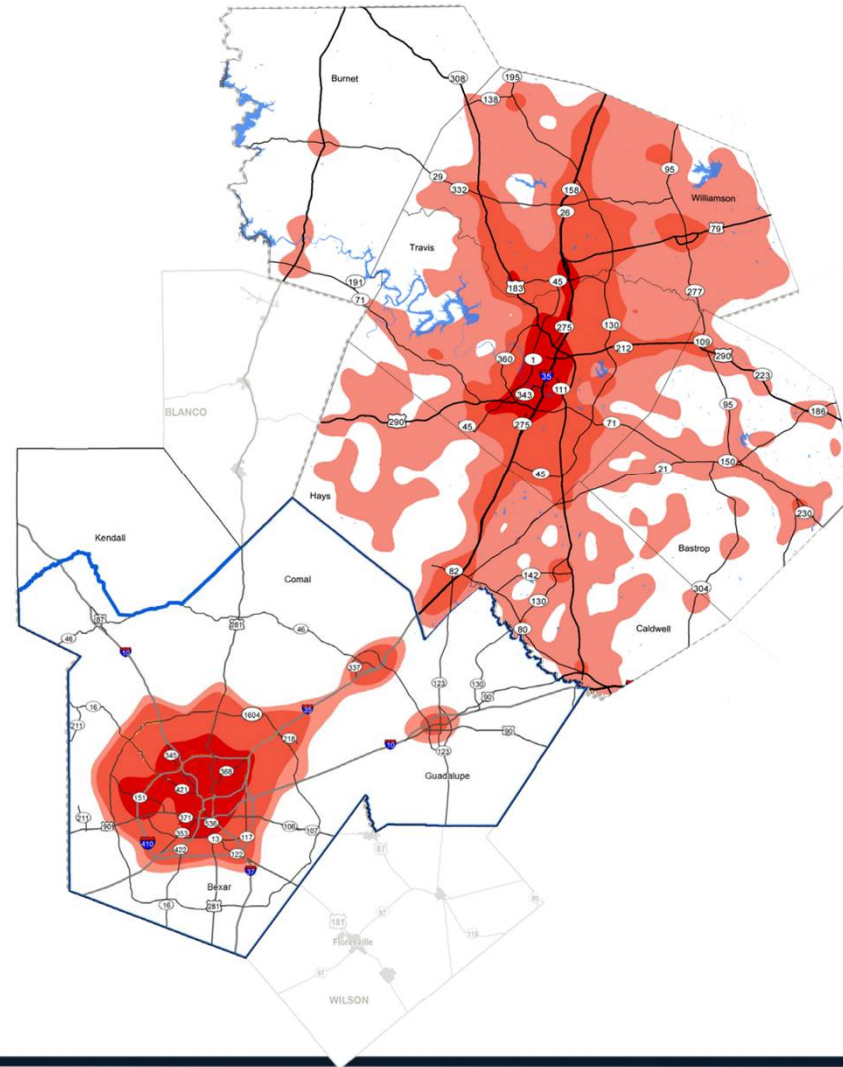
Dallas <-> Fort Worth: 32 mi
San Antonio <-> Austin: 80 mi



2015 Congestion

Highest average daily traffic
on main North-South
connections

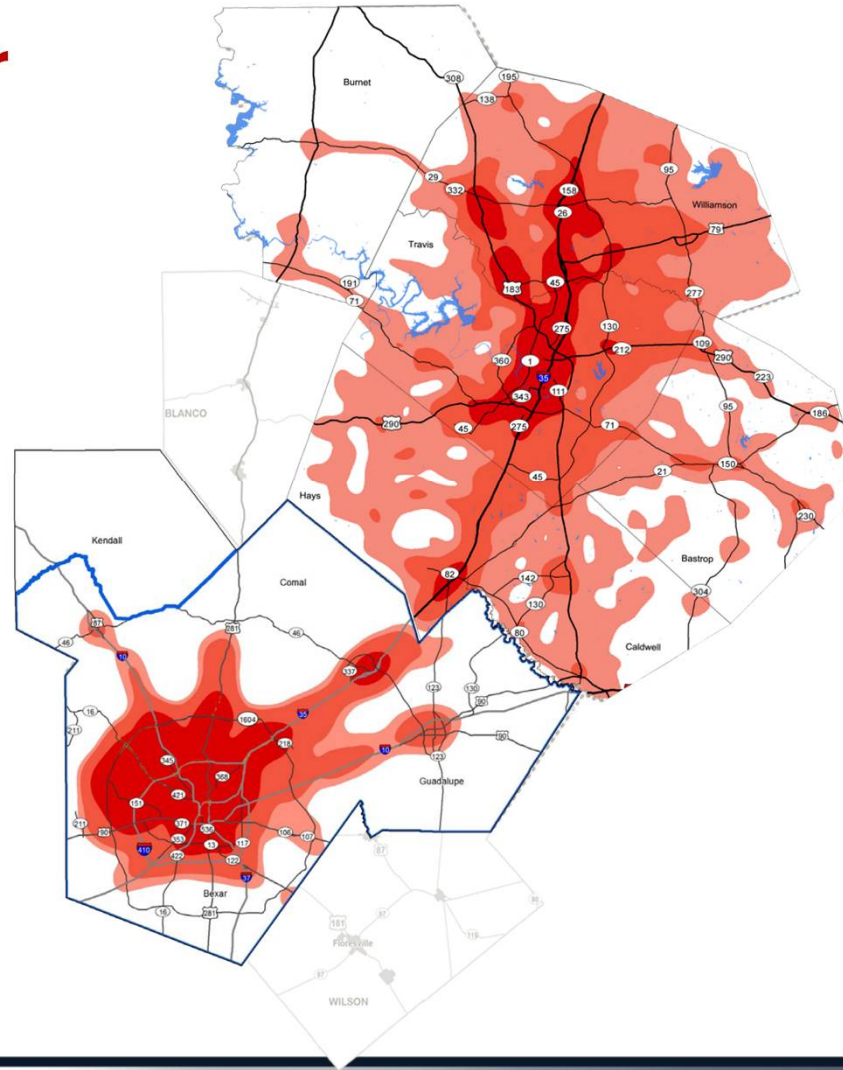
 281	112,000
 130	43,000
 35	241,000



TRAFFIC

Source: CAMPO and AAMPO 2015

Congestion after Implementation of 2040 Long Range Plan Improvements



TRAFFIC

Source: CAMPO and AAMPO 2015

Next Steps

- Staff from both MPO's and TxDOT Districts remain committed to implementing recommendations from the study
- The focus of the next joint board or technical committee meeting/workshop will be to re-analyze and re-focus on the priorities in the report
- Aside from the MPO's and TxDOT, implementation of these strategies will require coordination with other entities such as local governments, transit authorities, freight providers, and the private sector

AAMPO



Thank you!

Sid Martinez

AAMPO Director

imartinez@alamoareampo.org | 210-227-8651