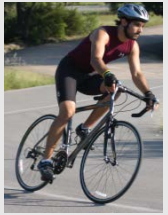
TEXAS DEPARTMENT OF TRANSPORTATION



CAPITAL- ALAMO CONNECTION STUDY

TECHNICAL ADVISORY COMMITTEE BRIEFING

December 1, 2017

What is the Capital-Alamo Connection Study?

A JOINT EFFORT BY:

CAMPO
CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION
CENTRAL TEXAS

AAMPO

Texas Department of Transportation

OBJECTIVE:

To develop a regional strategy to enhance mobility and identify infrastructure, policy and technology solutions for the Greater Austin-San Antonio region.

BY:

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

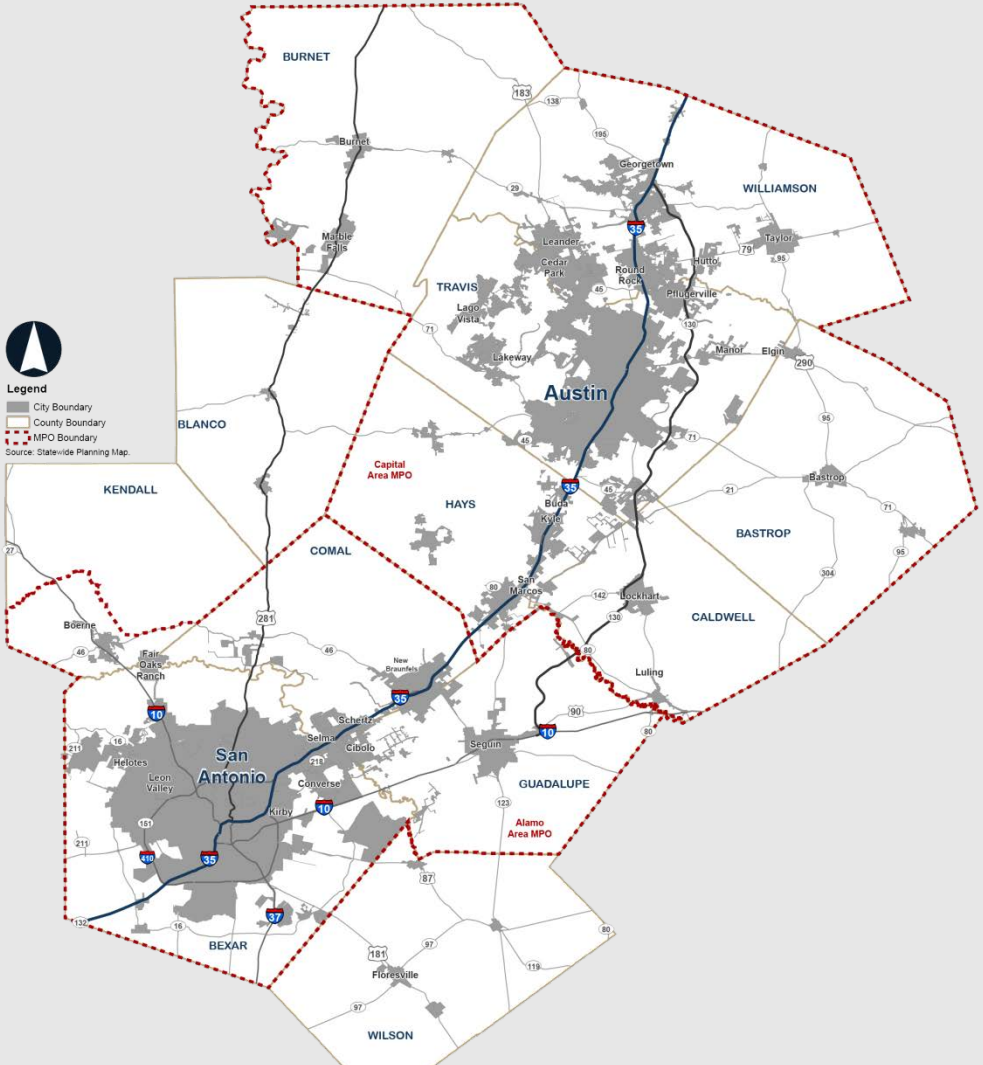
OUTCOME:

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

MULTI –REGIONAL LEVEL OF ANALYSIS

Twelve counties in the area of influence of the Metropolitan areas

This includes ALL member counties of both Metropolitan Planning Organizations



SCOPE

Capital-Alamo Schedule and Deliverables

Summer 2017

Data Collection and Current Condition Analysis

Fall 2017

Joint MPO Workshop 1
Stakeholder Outreach 1

You are here:

Winter 2017

Potential Options Evaluation

Spring 2018

Joint MPO Workshop 2
Stakeholder Outreach 2

Summer 2018

Finalize Strategy Recommendations

OUTCOMES

Current Market Conditions

Vision and Stakeholder Feedback

Options

Feedback

Capital-Alamo Transportation Strategy

What are the immediate concerns?

Few options for
Direct Connections

Considerable
Delay and Traffic

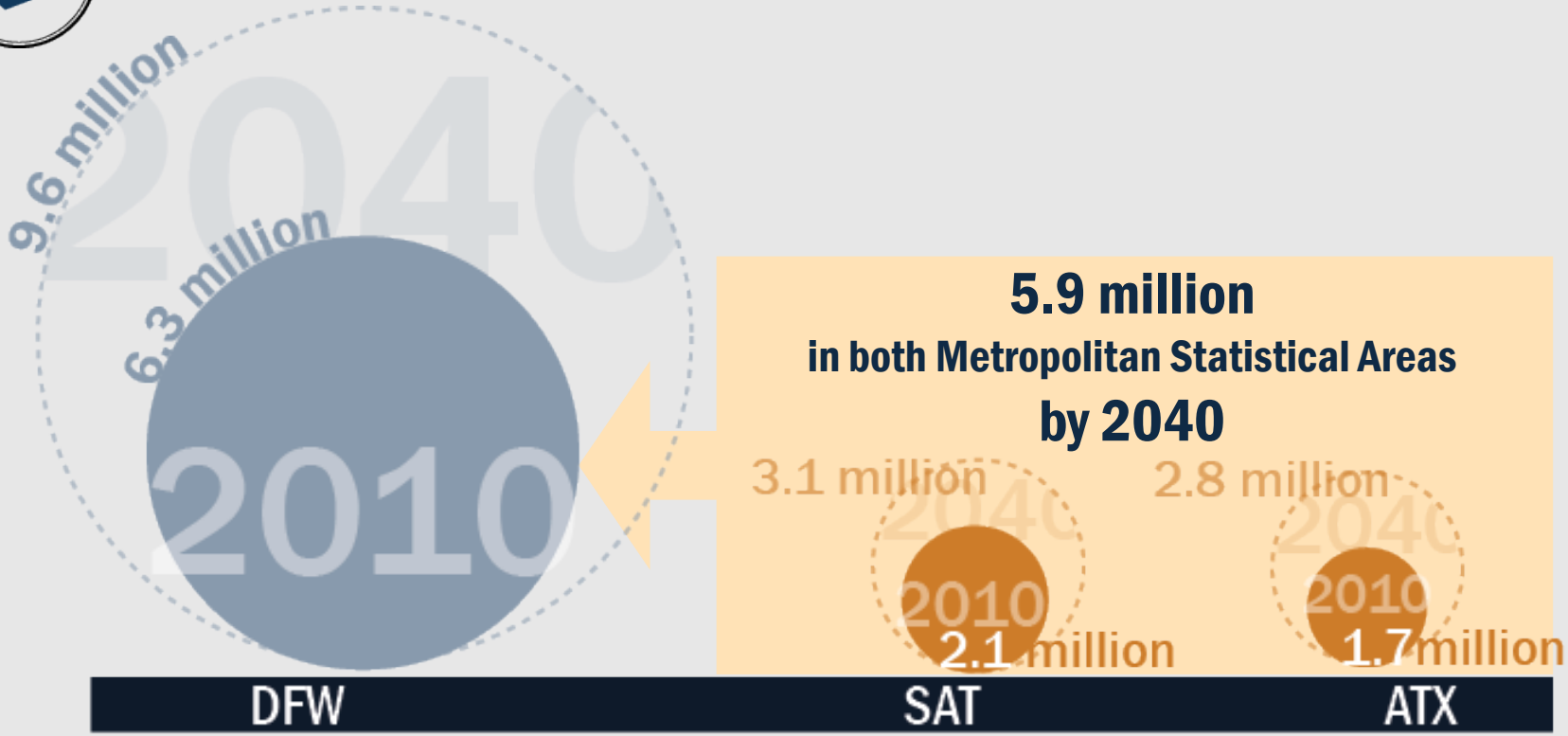
Passenger Needs

Accelerated Regional
Growth

Emerging
Multi-Regional Issues

Freight Needs

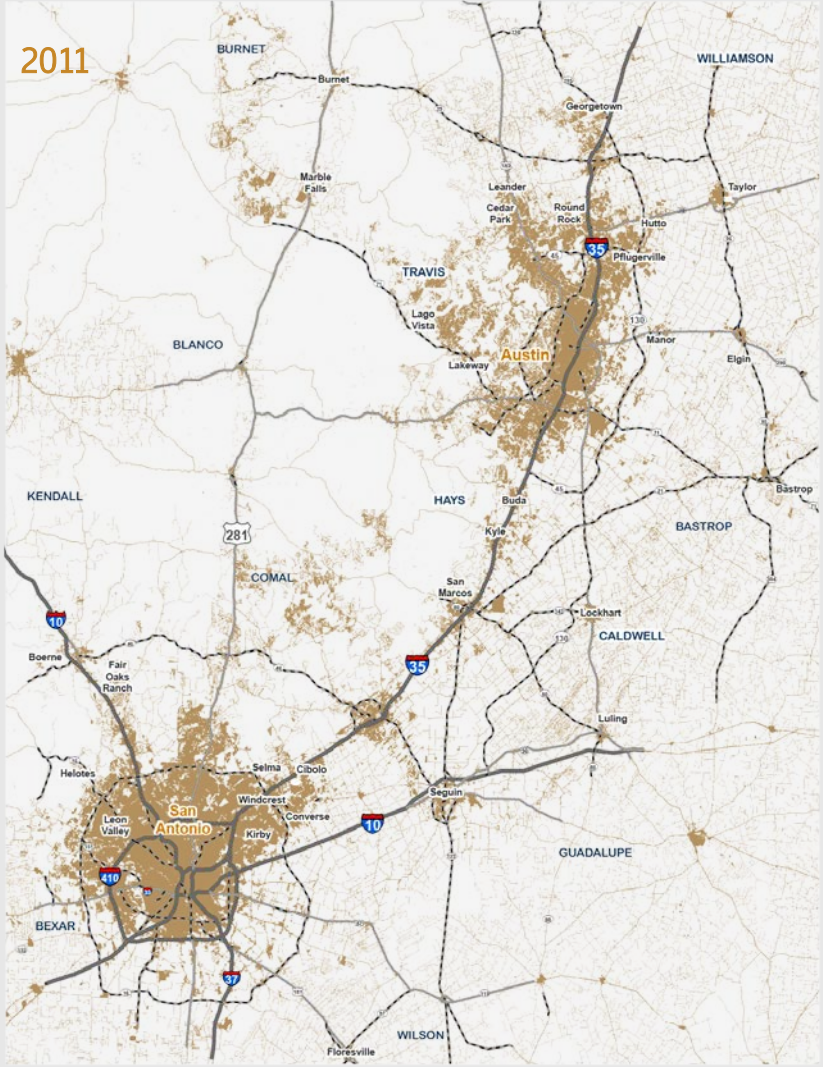
CHALLENGES



GROWTH

Source: 2010 Census MSA Totals

Developed Land in 2011



GROWTH

Source: 2011 National Land Cover Database vs. *The Clark Labs 2050 Conterminous US Land Cover Prediction*

How could growth affect the region?

approx. change in developed land

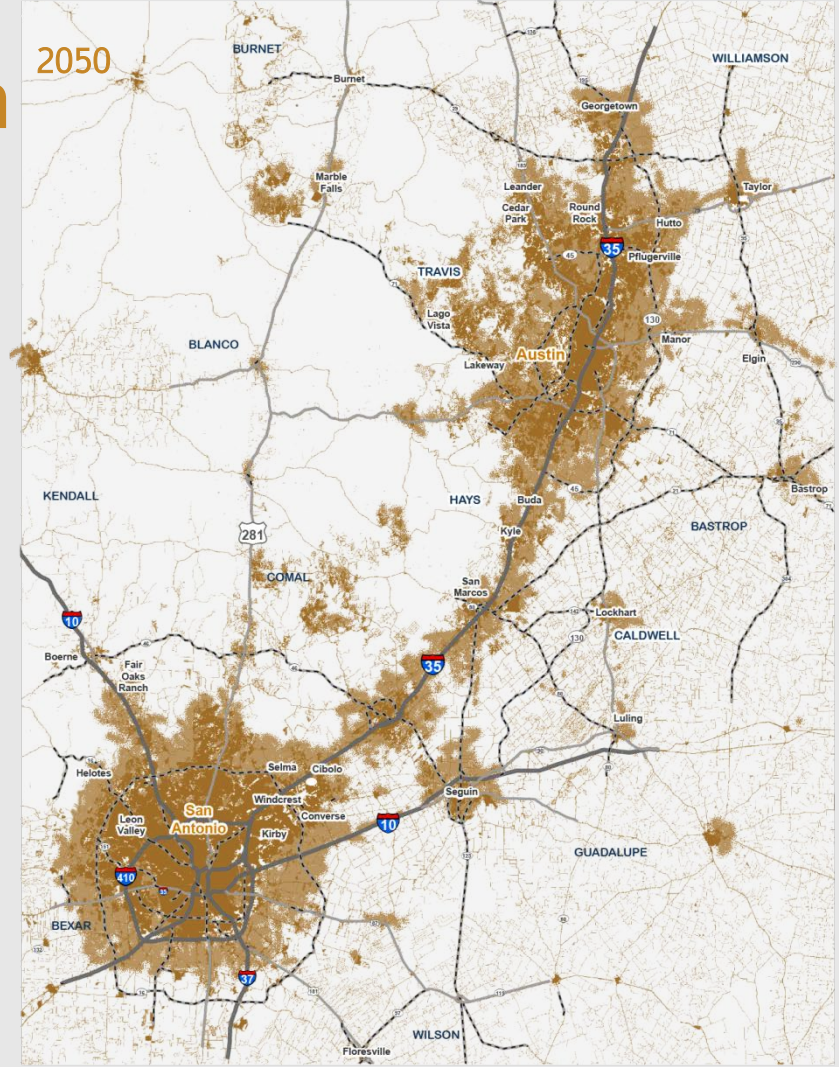
+41%

approx. change in undeveloped lands

- 9%

approx. change in crop lands

- 6%



GROWTH

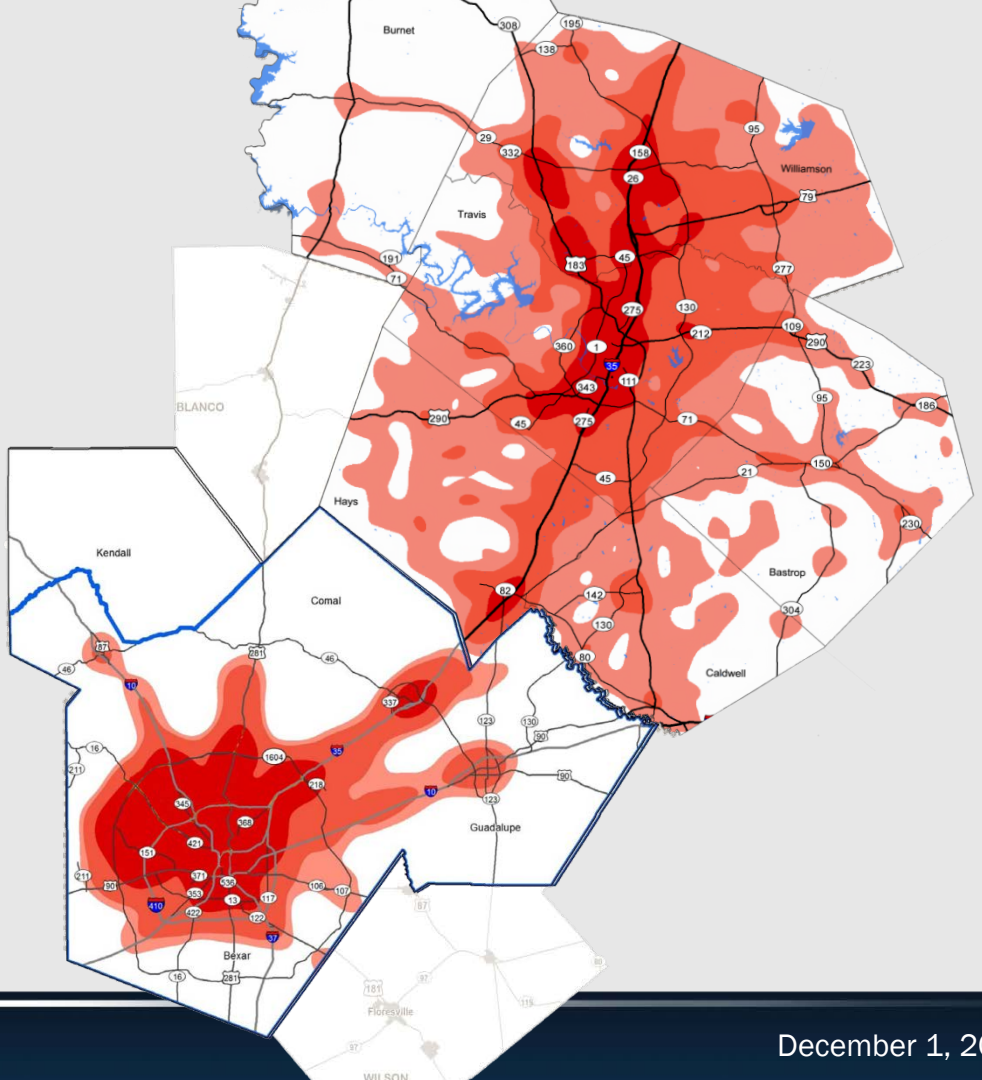
Source: 2011 National Land Cover Database vs. *The Clark Labs 2050 Conterminous US Land Cover Prediction*

AVERAGE DAILY TRAFFIC ON MAIN N-S CONNECTIONS

281 **7,000 – 112,000**

130 TOLL **6,000 – 43,000**

INTERSTATE 35 **28,000 – 241,000**



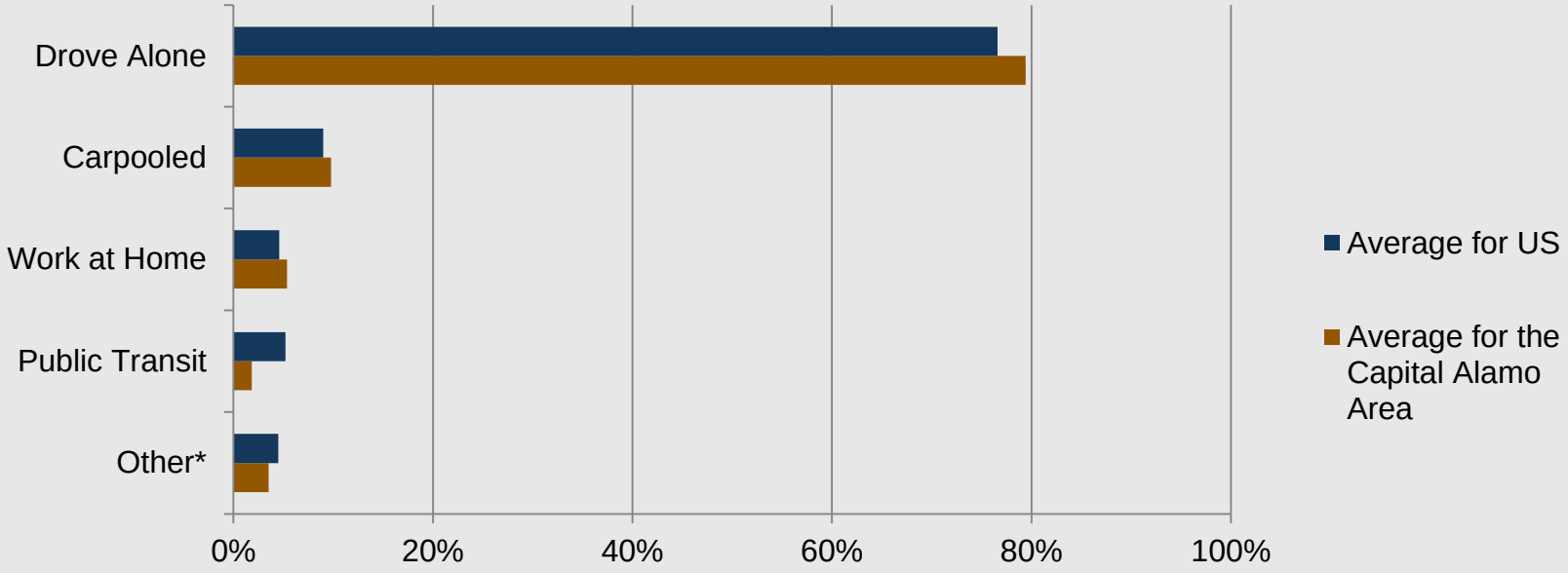
2040 MTP + New Network Congestion

2015 Congestion

TRAFFIC

Source: CAMPO and AAMPO 2015

How are we getting to work?

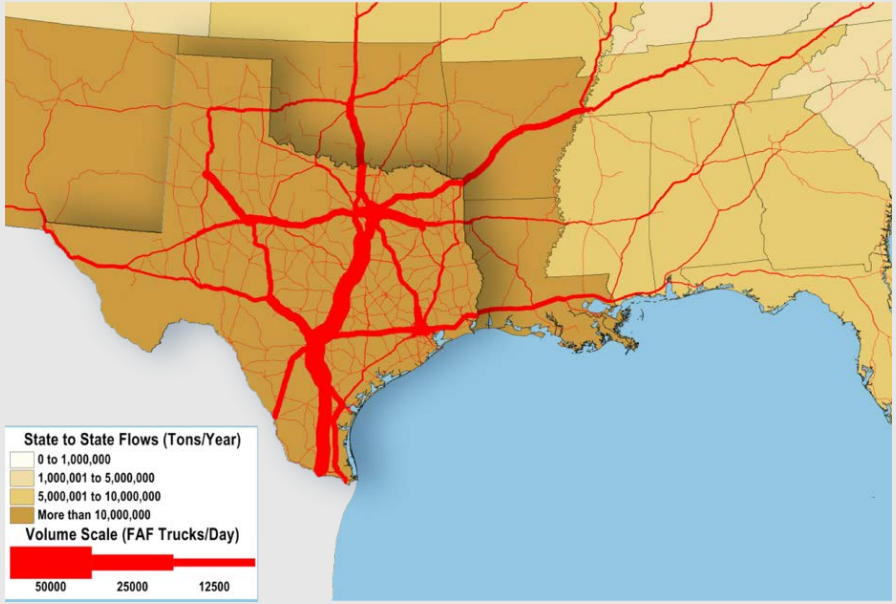


Source: 2015 Census Bureau " Travel to Work" (ACS 1-year Estimate)

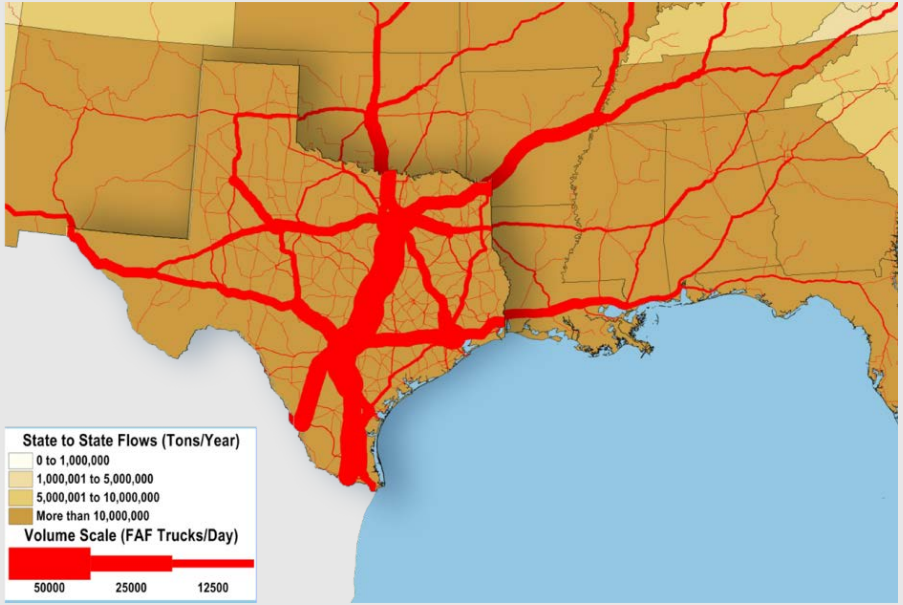
How much truck freight is moving ?

FREIGHT NEEDS

2010



2040

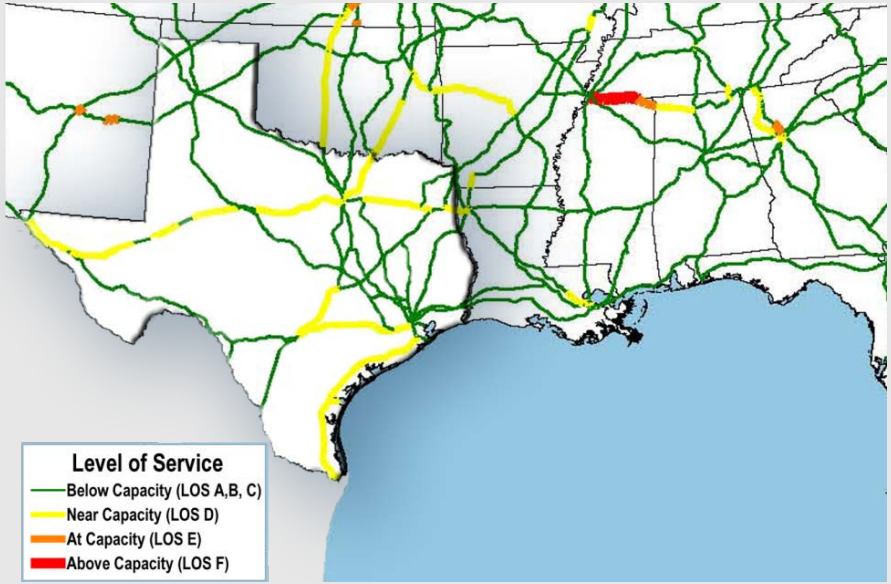


Source: Texas Freight Mobility Plan 2016 / FAFS

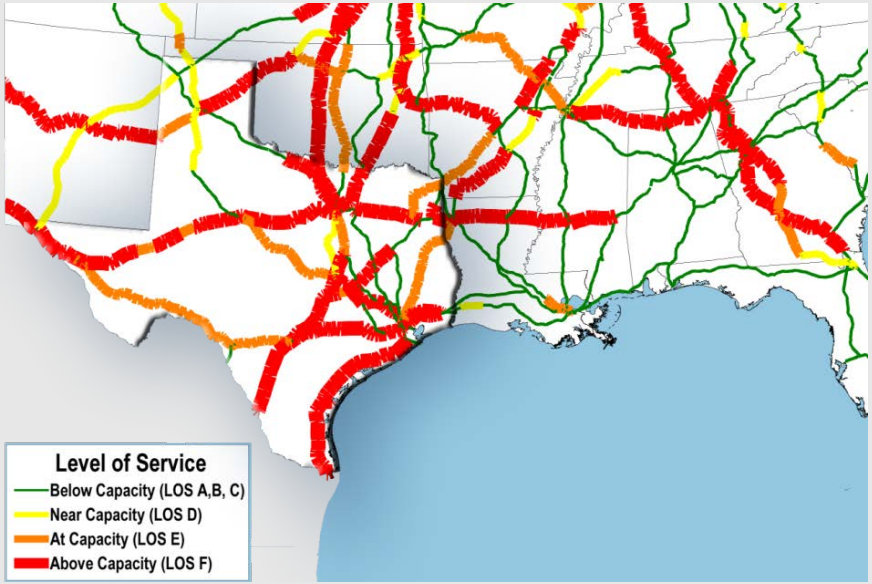
How much rail freight is moving?

FREIGHT NEEDS

2010



2040



Source: Texas Freight Mobility Plan 2016 / FAFS

MULTI-REGION

2040 Long Range Transportation Plan

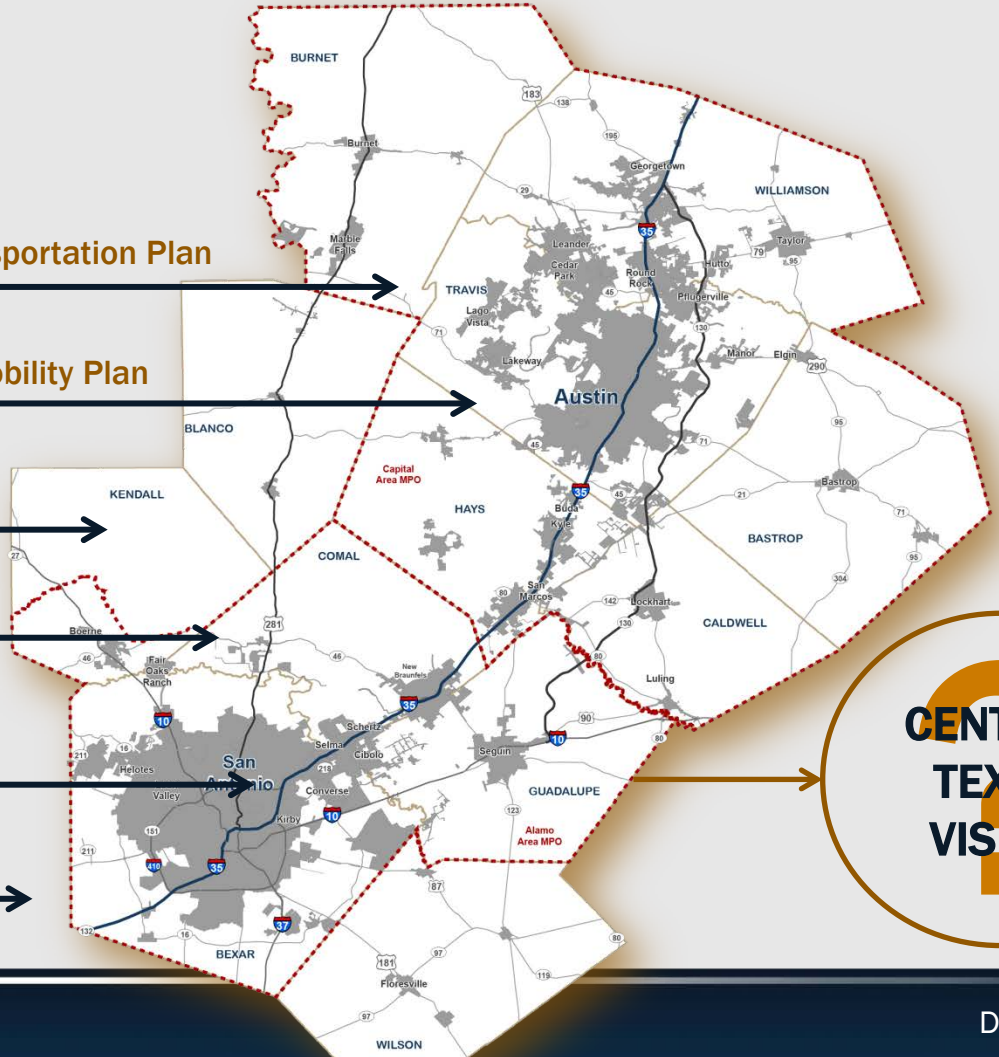
2018 Austin Strategic Mobility Plan

2018 Unified Transportation Program

Texas Transportation Plan 2040

Mobility 2040 Metropolitan Transportation Plan

San Antonio Multimodal Transportation Plan



CENTRAL TEXAS VISION

Joint MPO Workshop Objectives

1. Review Current and Forecasted Conditions
2. Discuss Problem and Vision
3. Define Needs and Challenges
4. Propose Next Steps

WHAT IS OUR CURRENT PROBLEM?

Lack of
- Transportation options i.e. Transit
- Political will
- Funding options and sources
- Focus
- Better regional coordination

→ Congestion and traffic on I-35

→ Restricted right-of-ways

→ Changing demographics

→ Better planning for freight

→ Potential new technology implications

WHAT WOULD YOU LIKE IN THE FUTURE?

- → Better freight management
- → Multimodal solutions
- → Maximization of resources
- → Innovative thinking!
- → Land use and Transportation planning integration
- → Project phasing and transparency
- → Local solutions
- → Technology-based solutions
- → Environmental stewardship

ROUNDTABLES

Report Back - Needs

- More understanding of new technologies
- Case Studies review
- Implementation of existing technologies
- More coordination with industry
- Consideration of potential implications

- Land use regulations
- State investment and Federal funding
- Embrace growth
- Corridor preservation
- Consistency in priorities

- Multimodal options
- Maximize existing facilities
- Improved connectivity
- Creative funding solutions
- Flexible infrastructure

Report Back - Challenges

- Public –Private Partnerships
- Uncertainty about the future
- Technology's accelerated progression
- Public perception
- Definition of infrastructure needs

- Project delivery processes
- Better coordination with freight industry
- Cultural shift away from private vehicles
- Inconsistent policies
- New funding strategies

- Efficient and convenient options
- Political will and capital
- Physical constraints and hurdles to cooperation
- System connectivity
- Affordability

Next Steps

1. Reach out to additional stakeholders
2. Continue data collection and analysis
3. Identify and evaluate possible solutions
4. Provide updates to you as we progress
5. Hold a second workshop this Spring

Questions

For more information, please contact:

www.CAMPOTexas.org
Doise Miers
300 N. Interstate 35, Ste. 630, Austin, TX 78705
Phone: 512.215.8225 Fax: 737.708.8140

www.alamoareampo.org
Jeanne Geiger
825 S. St. Mary's Street, San Antonio, TX 78205
Phone: 210.227.8651 Fax: 210.227.9321