



TEXAS DEPARTMENT OF TRANSPORTATION



CAPITAL- ALAMO CONNECTION STUDY

TECHNICAL ADVISORY COMMITTEE BRIEFING



November 27, 2017

What is the Capital-Alamo Connection Study?

A JOINT EFFORT BY:



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

Capital-Alamo Schedule and Deliverables



What are the immediate concerns?



Few options for
Direct Connections



Considerable
Delay and Traffic



Passenger Needs



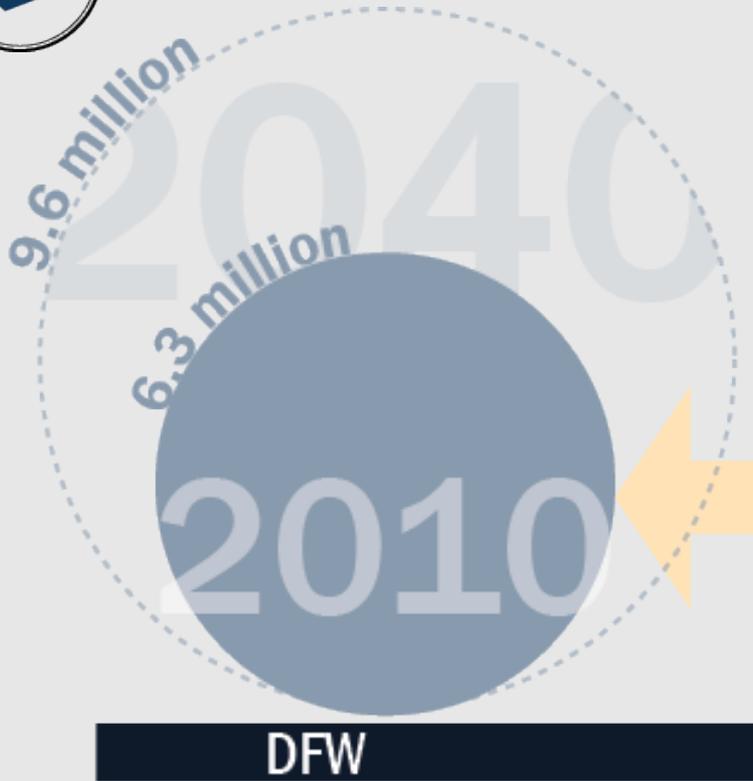
Accelerated Regional
Growth



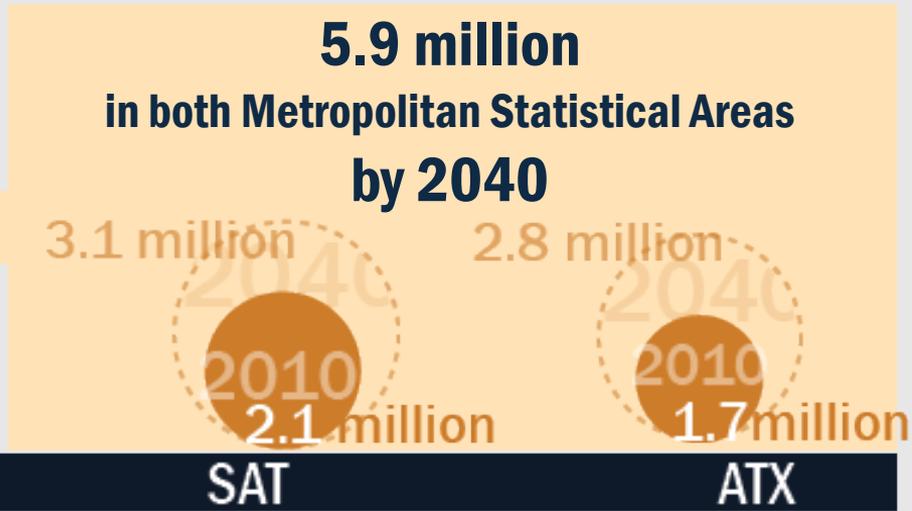
Emerging
Multi-Regional Issues



Freight Needs



DFW



SAT

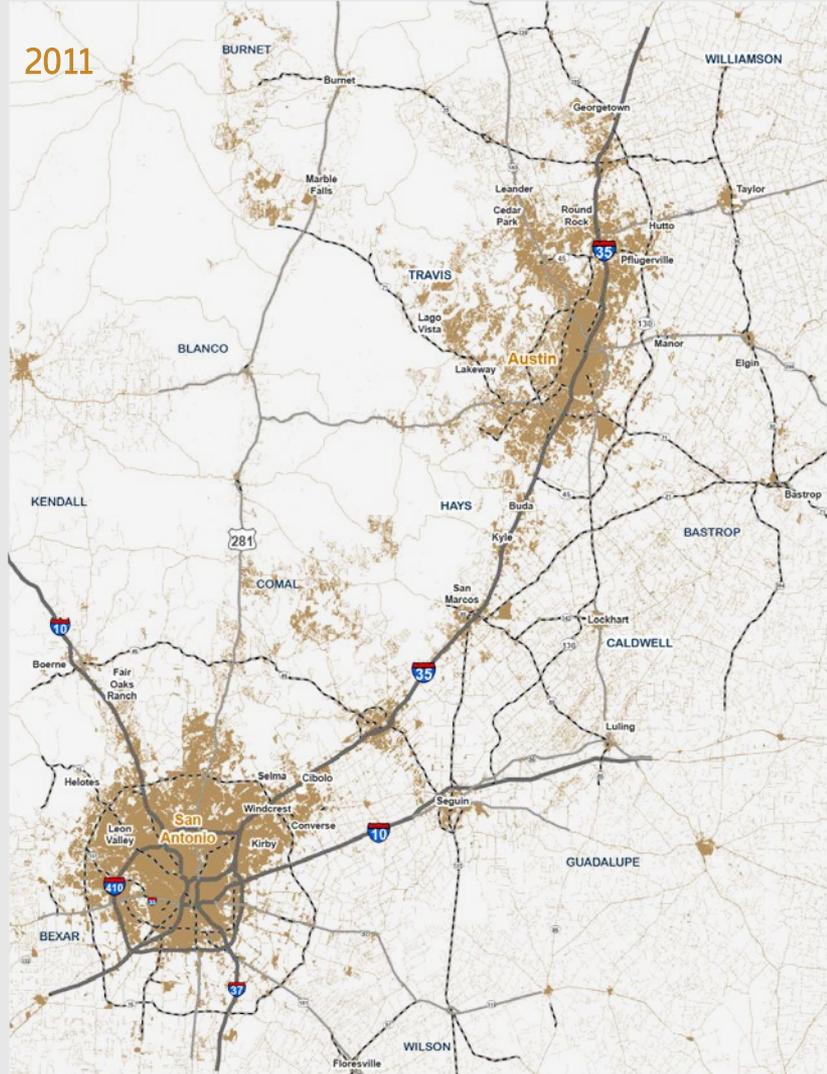
ATX

GROWTH

Source: 2010 Census MSA Totals



Developed Land in 2011



GROWTH



How could growth affect the region?

approx. change in developed land

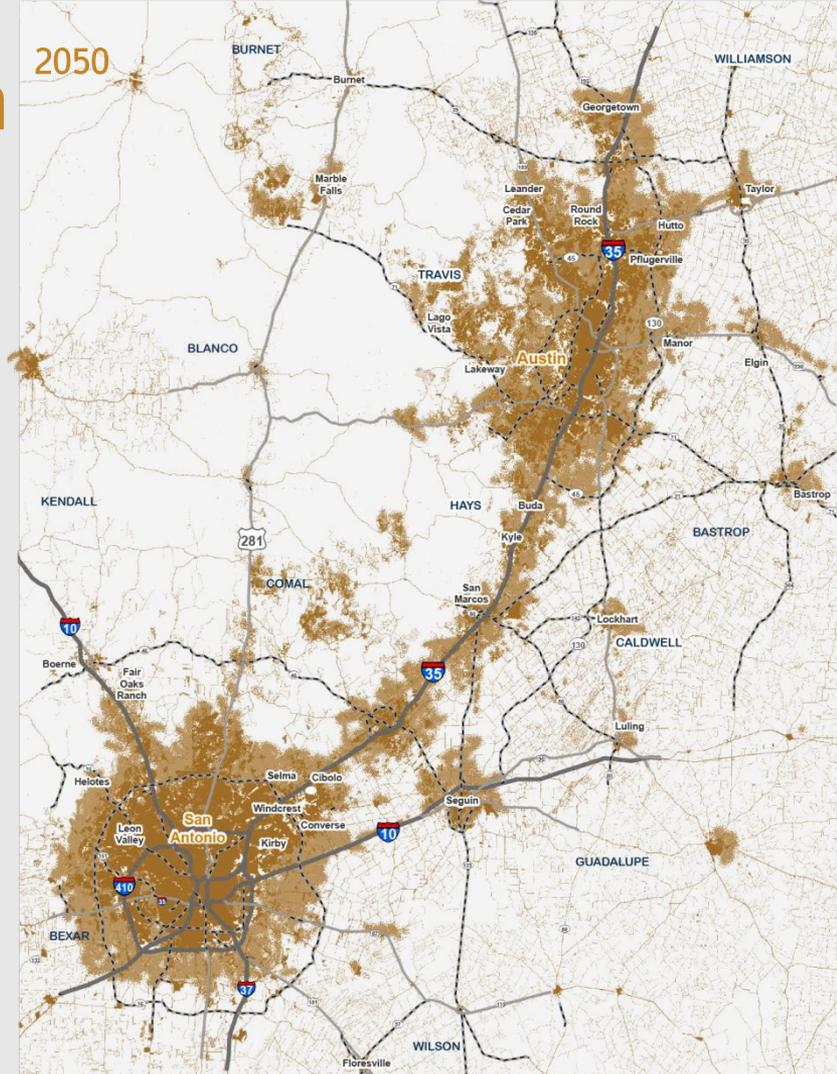
+41%

approx. change in undeveloped lands

- 9%

approx. change in crop lands

- 6%



GROWTH



AVERAGE DAILY TRAFFIC ON MAIN N-S CONNECTIONS



7,000 - 112,000

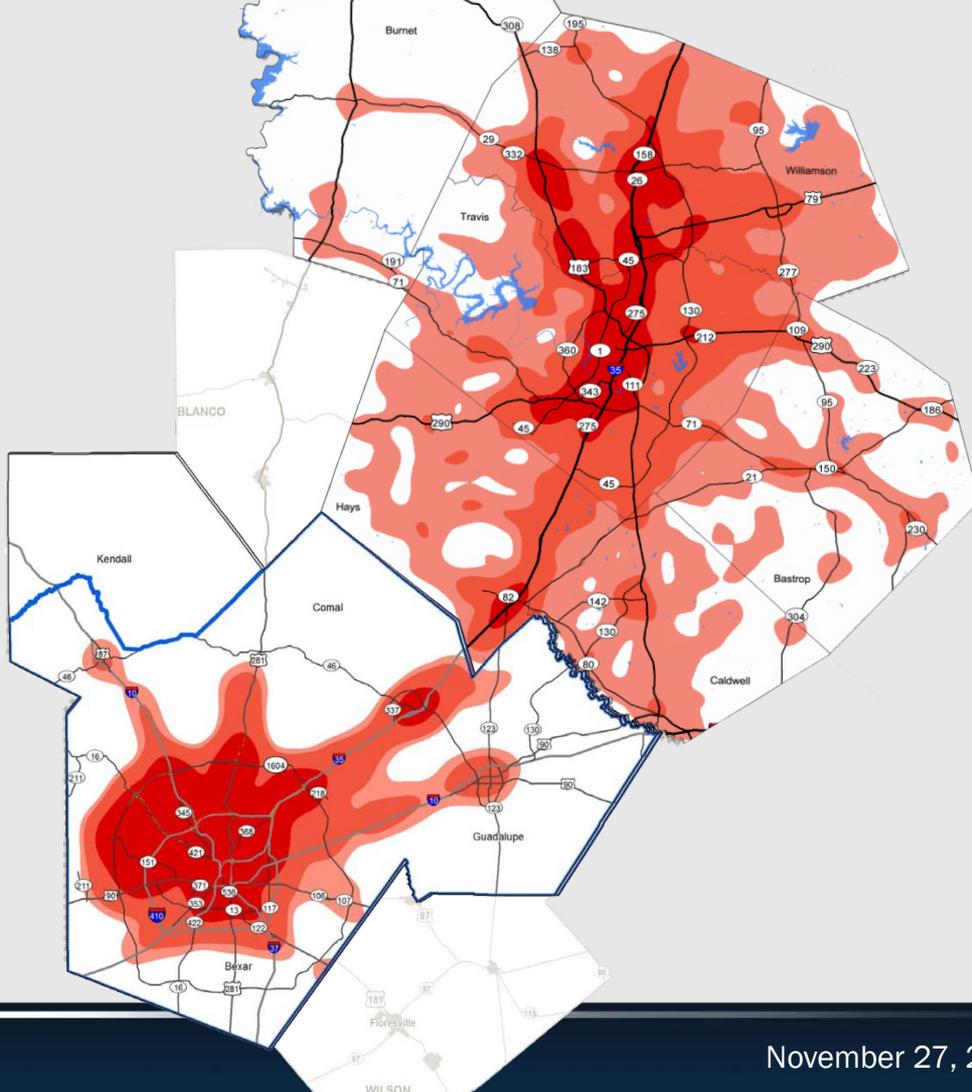


6,000 - 43,000



28,000 - 241,000

2040 MDTB and New
Network 2015
Congestion Congestion

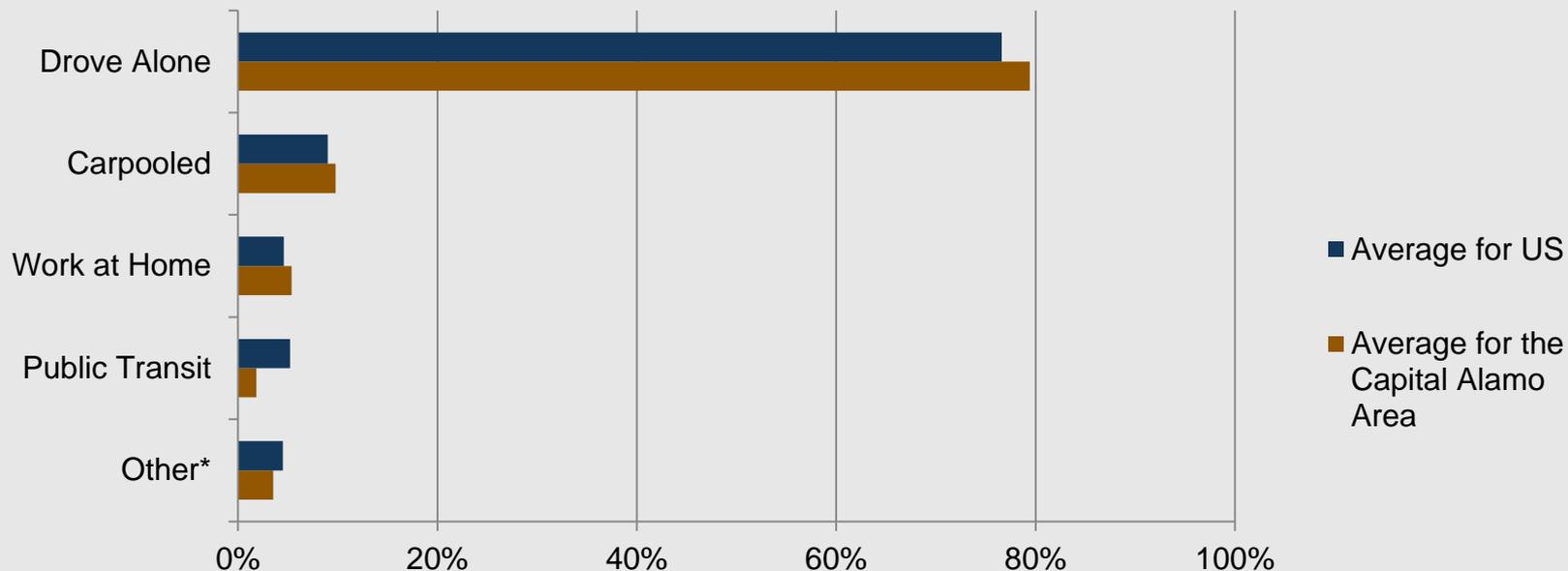


TRAFFIC

Source: CAMPO and AAMPO 2015



How are we getting to work?



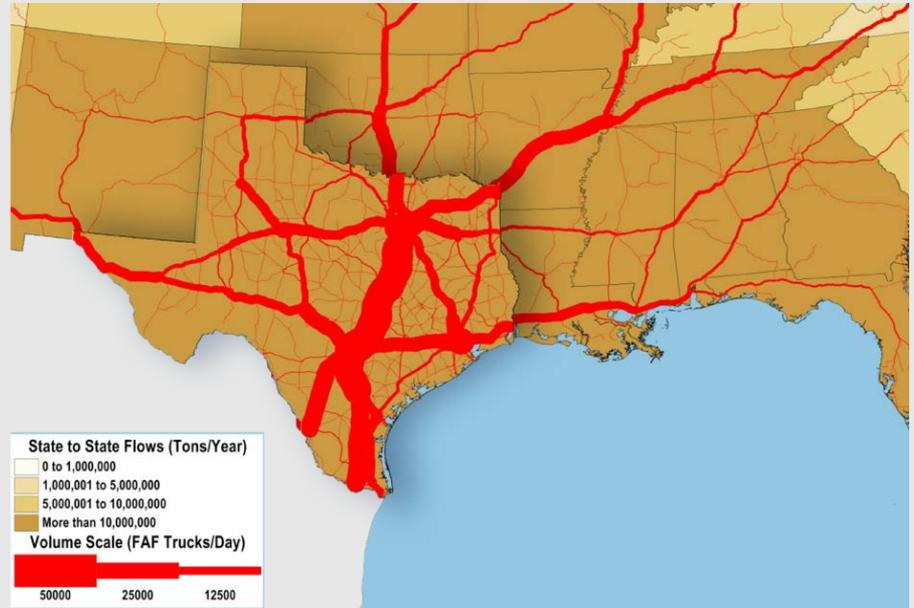
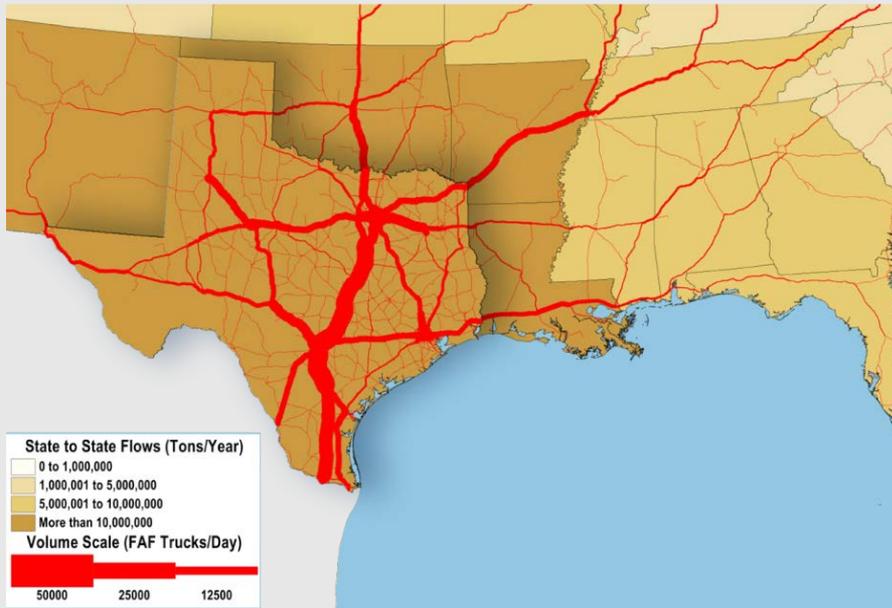
Source: 2015 Census Bureau "Travel to Work" (ACS 1-year Estimate)



How much truck freight is moving ?

2010

2040



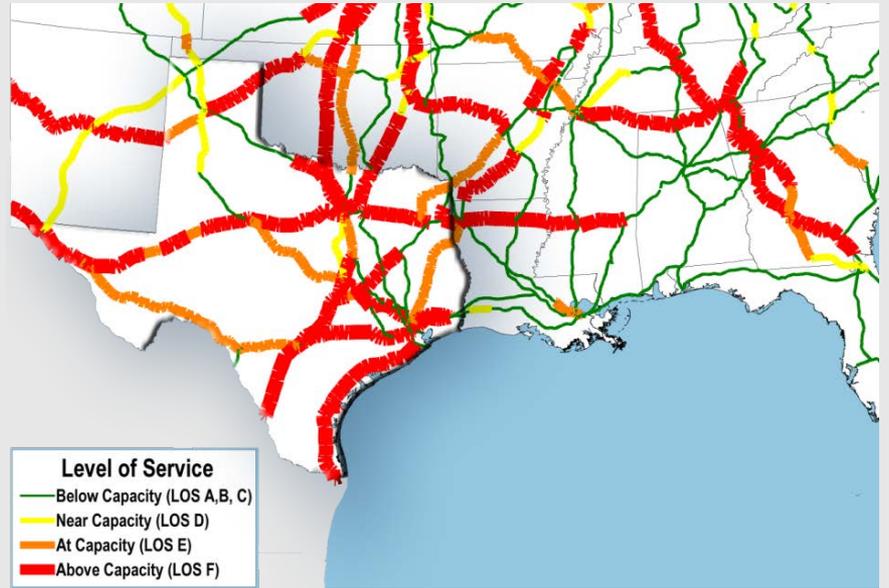
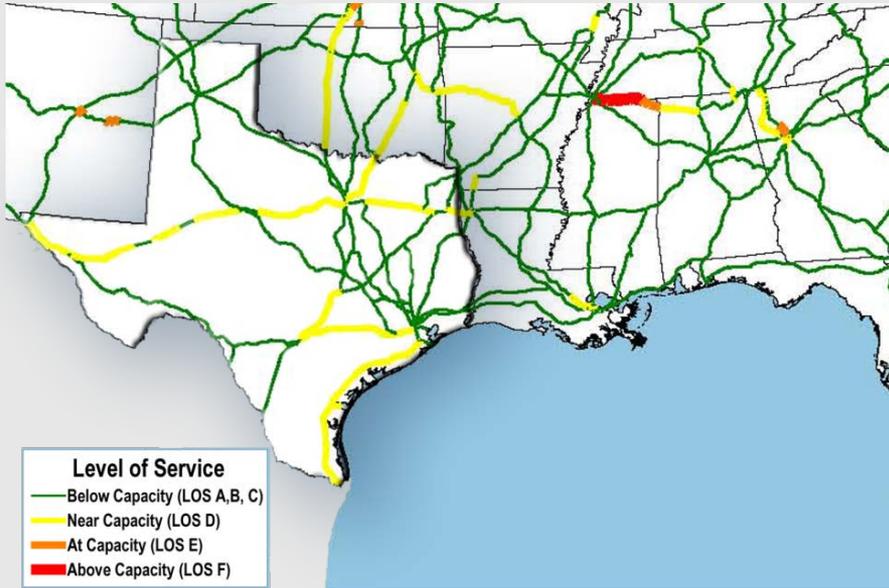
Source: Texas Freight Mobility Plan 2016 / FAFS



How much rail freight is moving?

2010

2040



Source: Texas Freight Mobility Plan 2016 / FAFS

FREIGHT NEEDS

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