



# Status of Freight Planning in the Alamo Area MPO



# Freight Planning at All Levels

## National

Transportation and trade priorities

- National Strategic Freight Plan
- Freight Conditions/Performance Report
- **National Highway Freight Network**

## State and Region

Transportation and economic priorities

- Fiscally constrained, statewide freight plan
- **Primary Freight Network**

## Local

Economic development priorities

- Local plans
- Local funding priorities
- **Critical Urban Freight Network**

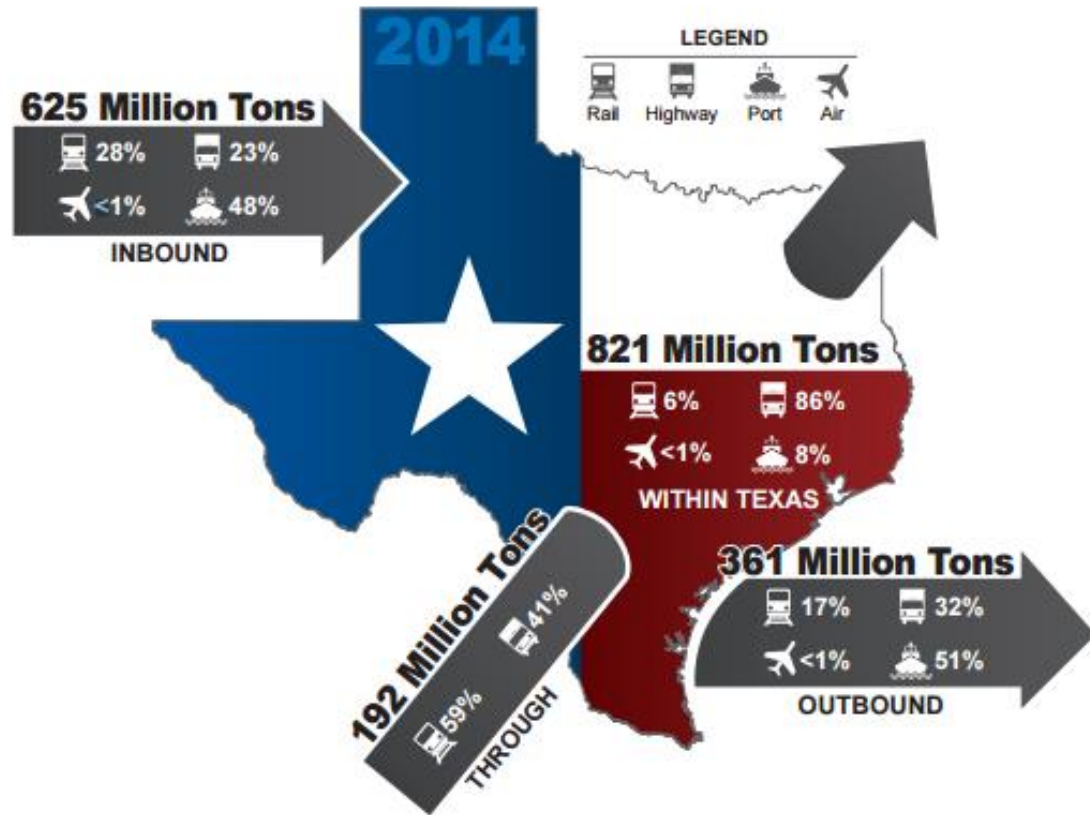


Texas is home to 26 million residents, each of whom depend on the daily delivery of goods transported via a multimodal freight network

**67 tons**  
per Texan

**7 million**  
Texas workers

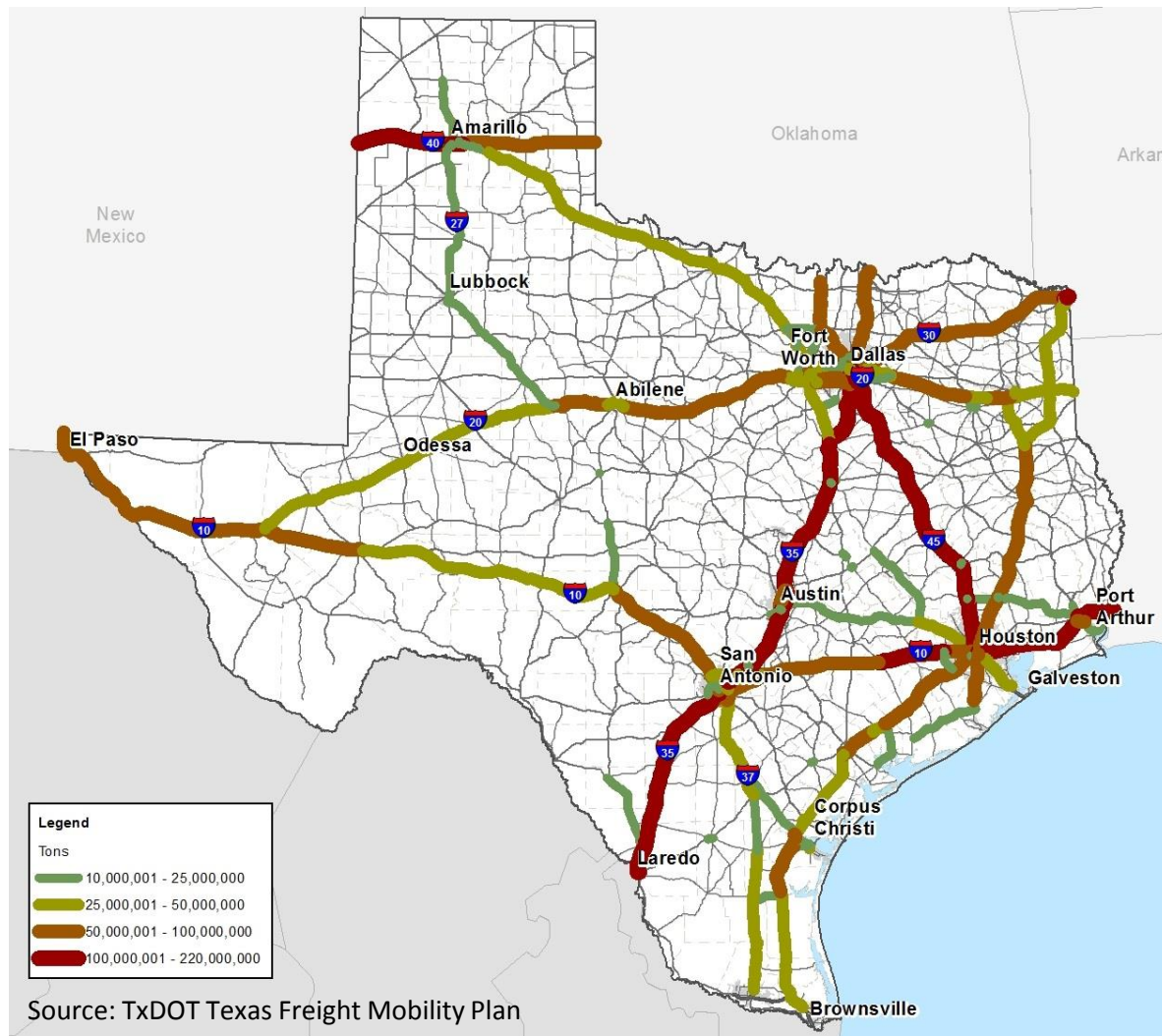
Almost  
**50%**  
growth from  
2014 to 2040





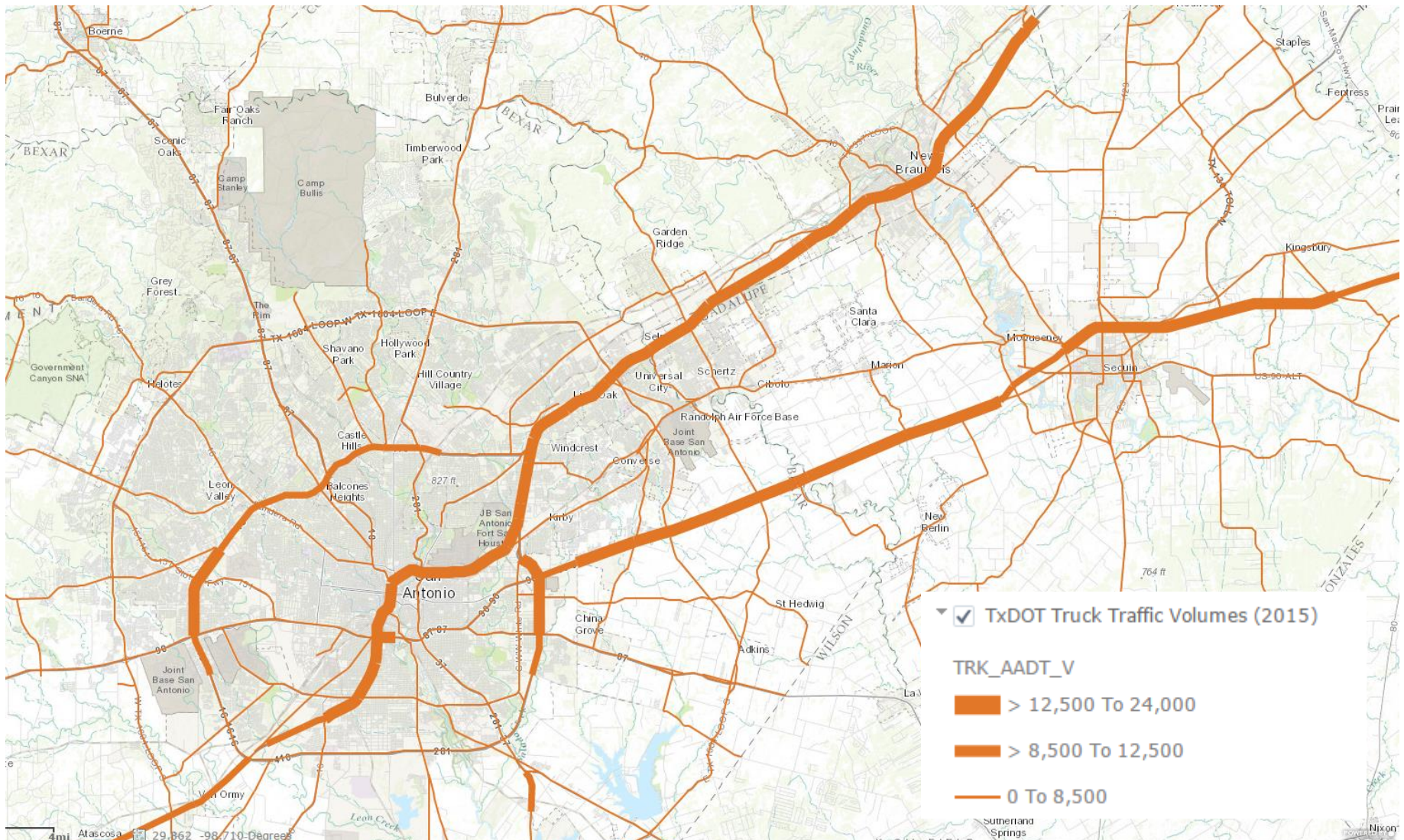
**Freight tonnage moved by truck in Texas is projected to double between 2014 and 2040 (from 1.04 billion to 2.19 billion tons)**

### Projected Texas Highway Freight Tonnage 2040





# Some corridors in our region see **more than 23,000 trucks** every day





# Why measure and plan for freight?

- Address impacts of **forecasted growth** in freight
- Reduce **delays** of freight movement
- Reduce **costs** to consumers and to businesses that generate and receive freight
- Improve ability of freight industry to **move goods and provide jobs** in our communities

A photograph of a yellow LED sign on a black background. The sign displays the words "DELAYS EXPECTED" in two lines of bright yellow, pixelated capital letters.



# The Texas Transportation Commission adopted the **Texas Freight Mobility Plan** one year ago (January 2016)

The **first plan** developed by TxDOT that **focuses on Texas' freight transportation needs**

Since the Freight Plan's approval, FHWA published **new FAST Act guidance and requirements**

TxDOT is updating the Texas Freight Mobility Plan to comply by:

- Designating **critical freight corridors**
- Developing **performance measures**
- Developing a **Fiscally Constrained Investment Plan** (project listing)

**FHWA must receive TxDOT's updated Freight Plan by December 1, 2017**





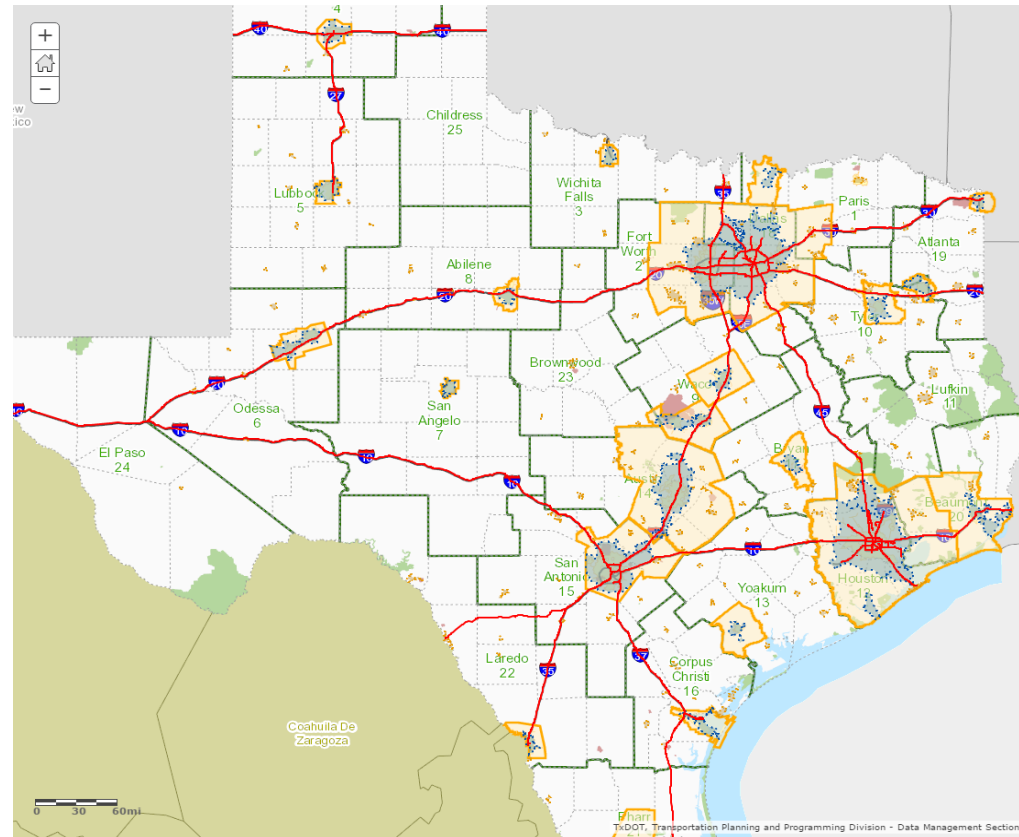
# What are **Critical Urban Freight Corridors (CUFCs)**?

- The **FAST Act** authorizes large **MPOs**, in consultation with the state, to **designate locally significant public roads as Critical Urban Freight Corridors (CUFCs)**
- CUFCs are part of the network **eligible for National Highway Freight Program** formula funds



# How many miles of CUFCs can be submitted for funding eligibility?

- Texas may designate about **373 miles of CUFCs**
- With 9.28% of the urbanized area in Texas, **AAMPO's** challenge is to identify **about 35 miles of CUFCs**
- CUFCs must meet certain requirements such as connecting an intermodal facility to the Interstate System or serving a major freight generator





According to Federal Highway Administration guidance, CUFCs must meet one of the following requirements:

1

Connect an intermodal facility to:

- The Primary Highway Freight System (PHFS),
- The Interstate System,
- Intermodal Freight Facility

2

Be located within a corridor of a route on the PHFS and provide an alternative highway option important to goods movement

3


Serve a major freight generator, logistic center, or manufacturing and warehouse industrial land

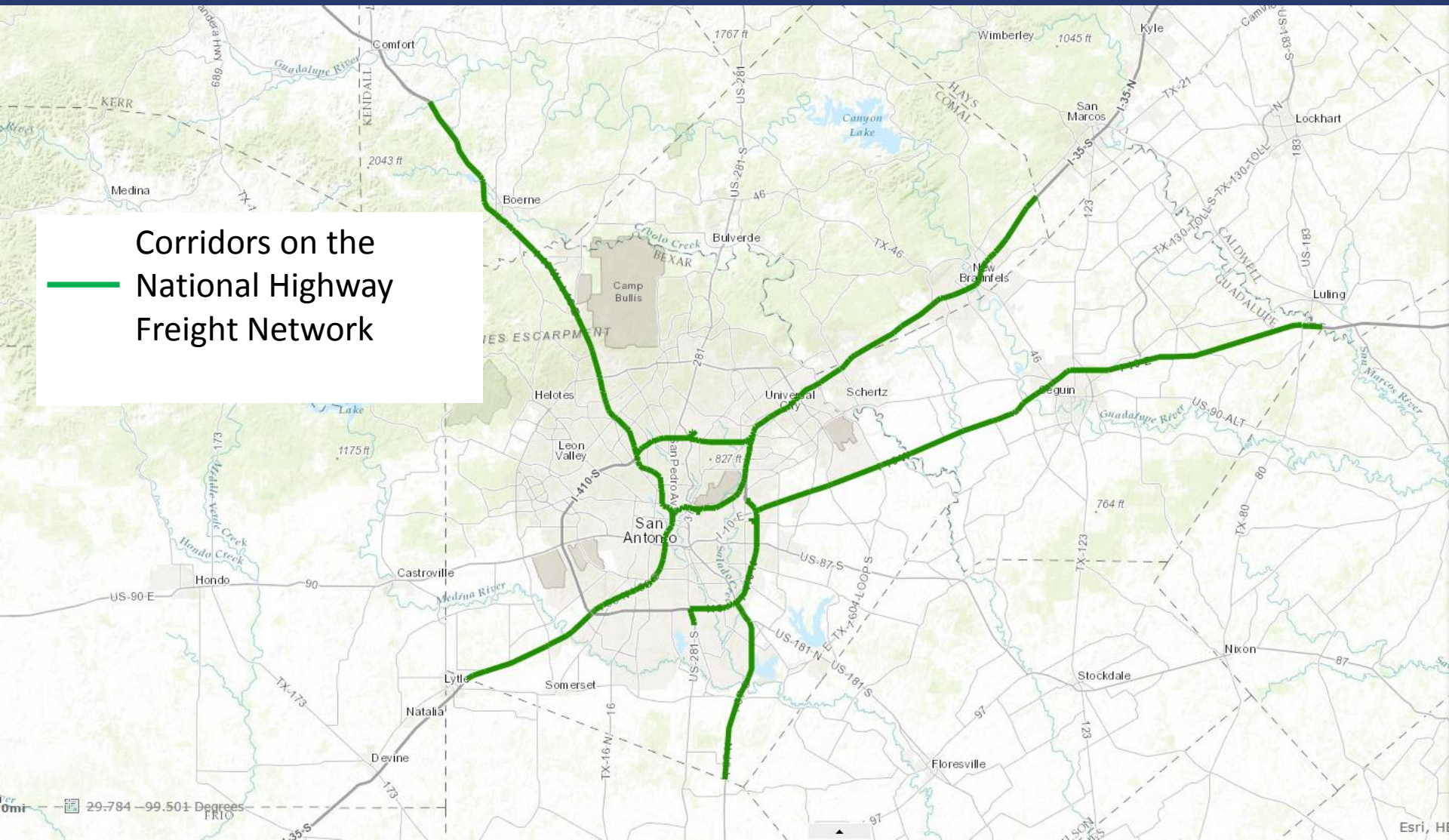
4

Be important to the movement of freight within the region, as determined by the MPO or the State





# Many corridors are identified on the National Highway Freight Network and are **already eligible for federal freight funding**

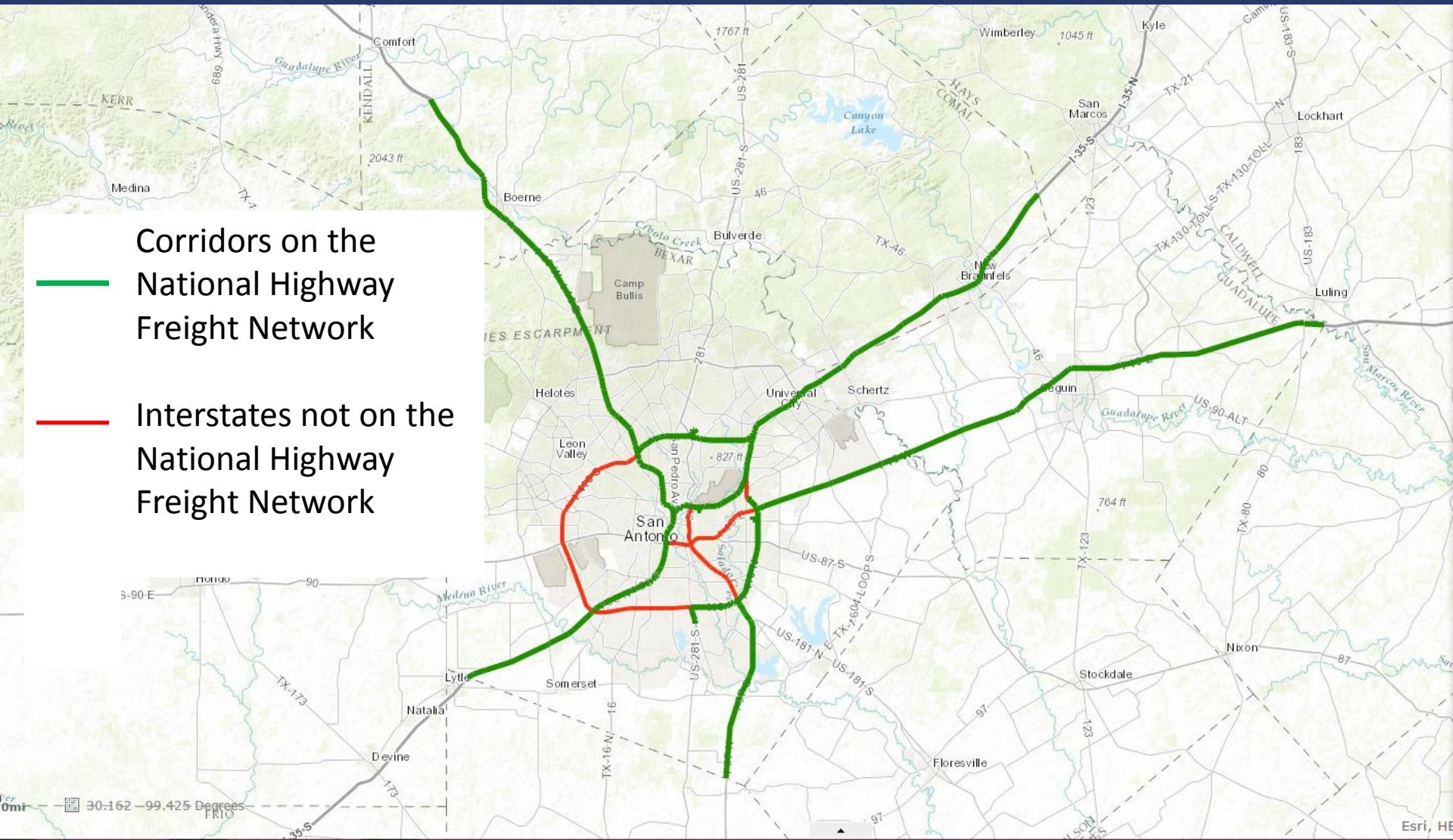
Corridors on the  
 National Highway  
Freight Network





# A few corridors on the interstate highway system are NOT identified as part of the National Highway Freight Network

-  Corridors on the National Highway Freight Network
-  Interstates not on the National Highway Freight Network



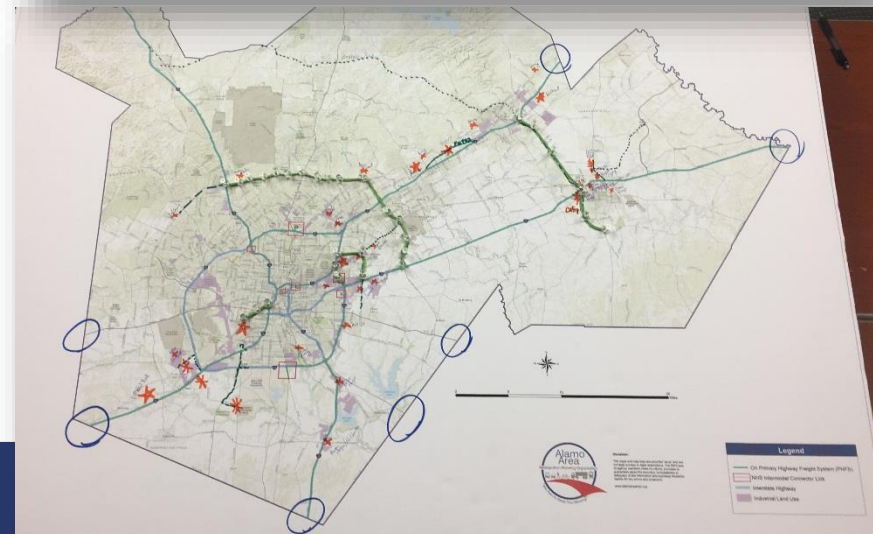
# TAC members participated in a mapping exercise on November 16<sup>th</sup> to identify potential CUFCs

TAC used markers to identify:

- **Where freight enters/exits** the region
- **Points of origin** of freight (i.e. warehouses and intermodal centers)
- **Connecting corridors**

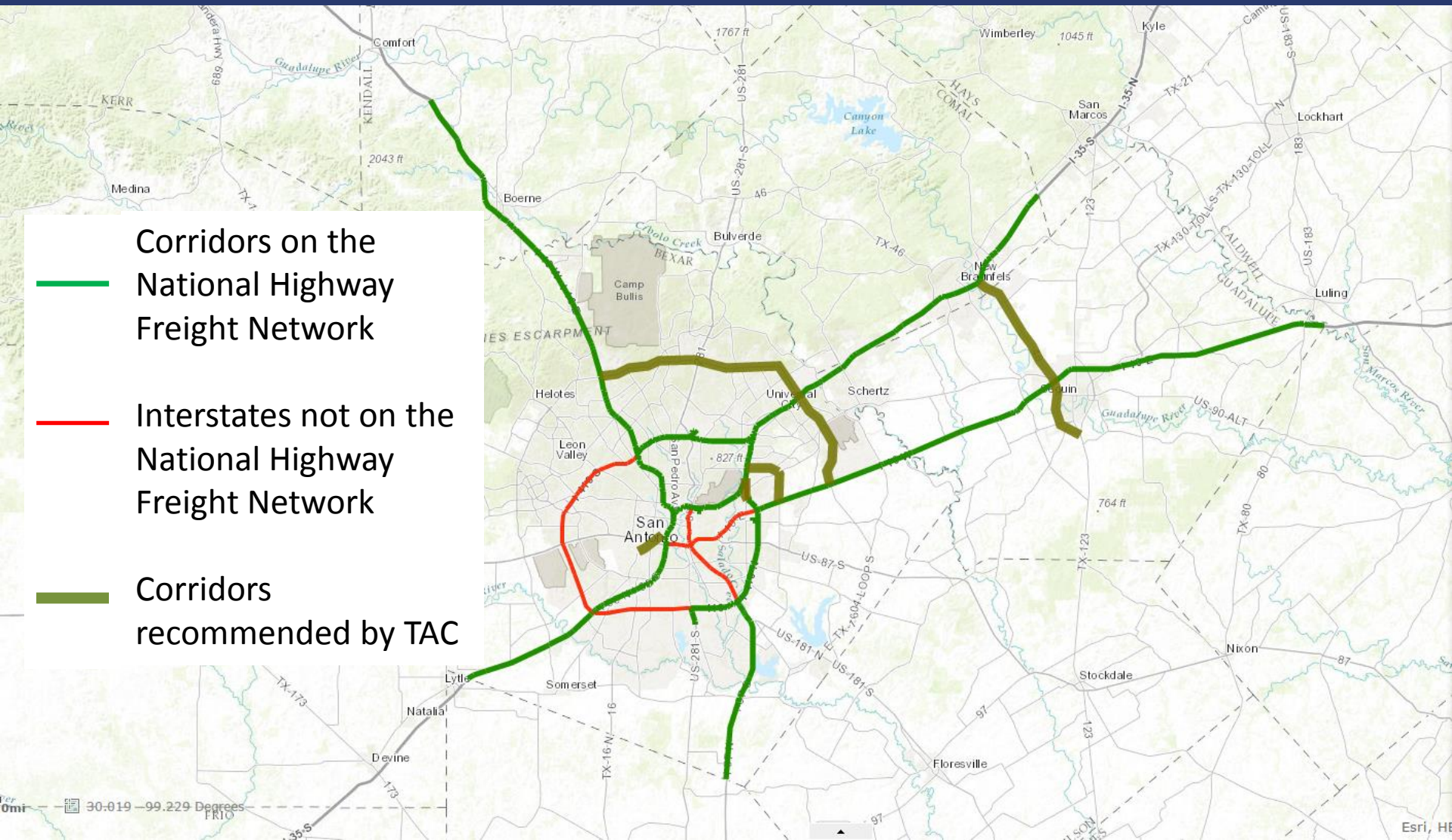
Then, they worked with measured **strings** to identify potential **critical urban freight corridors**

- Used 58 “miles” of string
- We may have only about 35 miles of CUFCs available to us





TAC members used **58 “miles”** of string to draft the following locally significant public roads as **potential CUFCs**





# AAMPO held two freight workshops to hear from the freight industry regarding the CUFC's and their transportation issues

- Wednesday, January 25, 2017
- 9:30 a.m. and 1:30 p.m.
- Advertised through:
  - San Antonio Transportation Association
  - San Antonio Manufacturing Association
  - Local chambers and economic development organizations
  - Email and social media
- Approximately 30 industry stakeholders participated in one of two workshops





# Roadways Most Frequently Mentioned





# Top Issues and Concerns

SH 46 between New Braunfels and Seguin

Loop 1604 congestion and safety issues

Rittiman Road between IH 35 and Foster Road

Improving traffic incident management

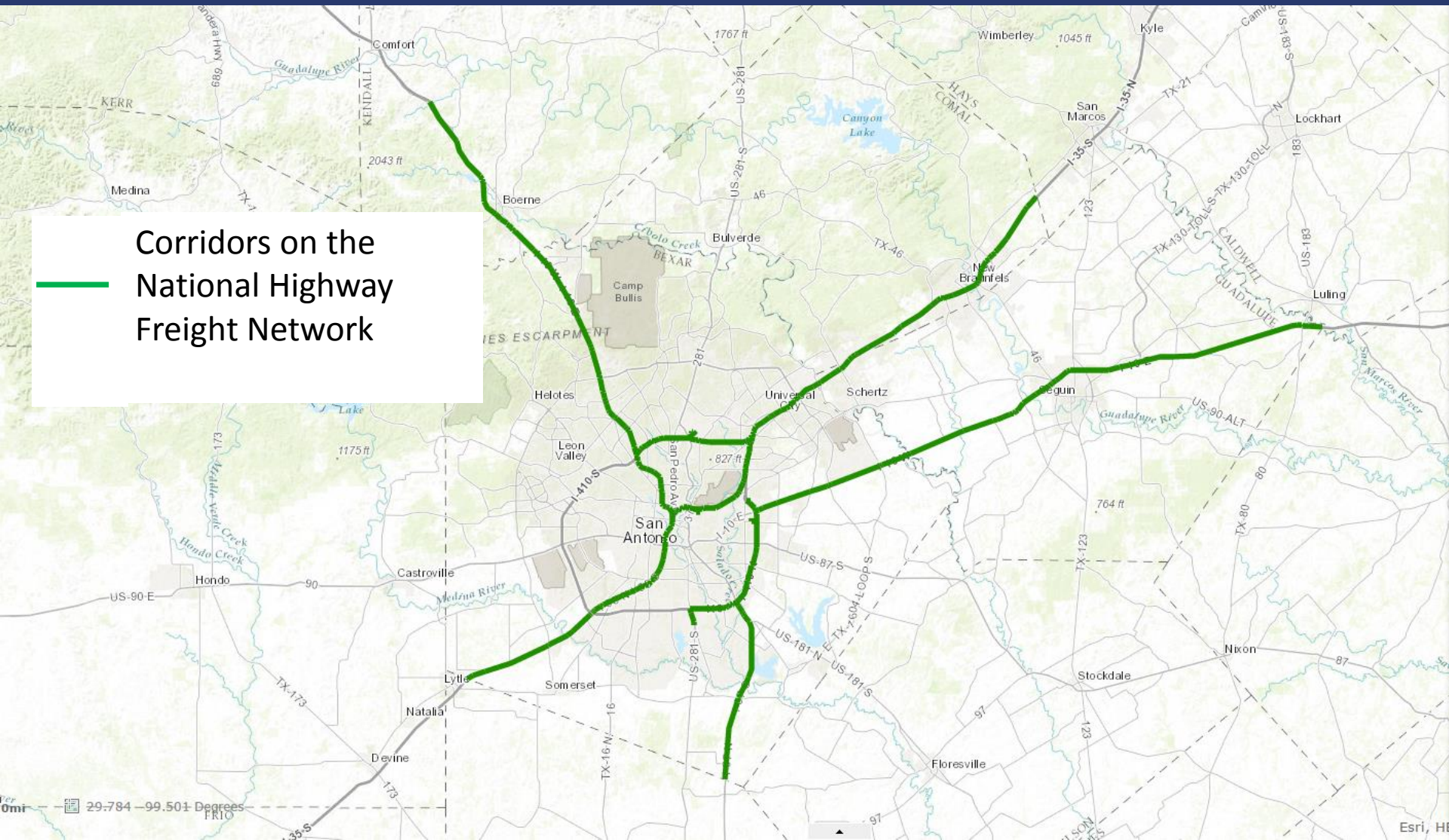
Lack of alternative fuel (natural gas/propane) stations between San Antonio and El Paso

Addressing GPS issues related to trucks



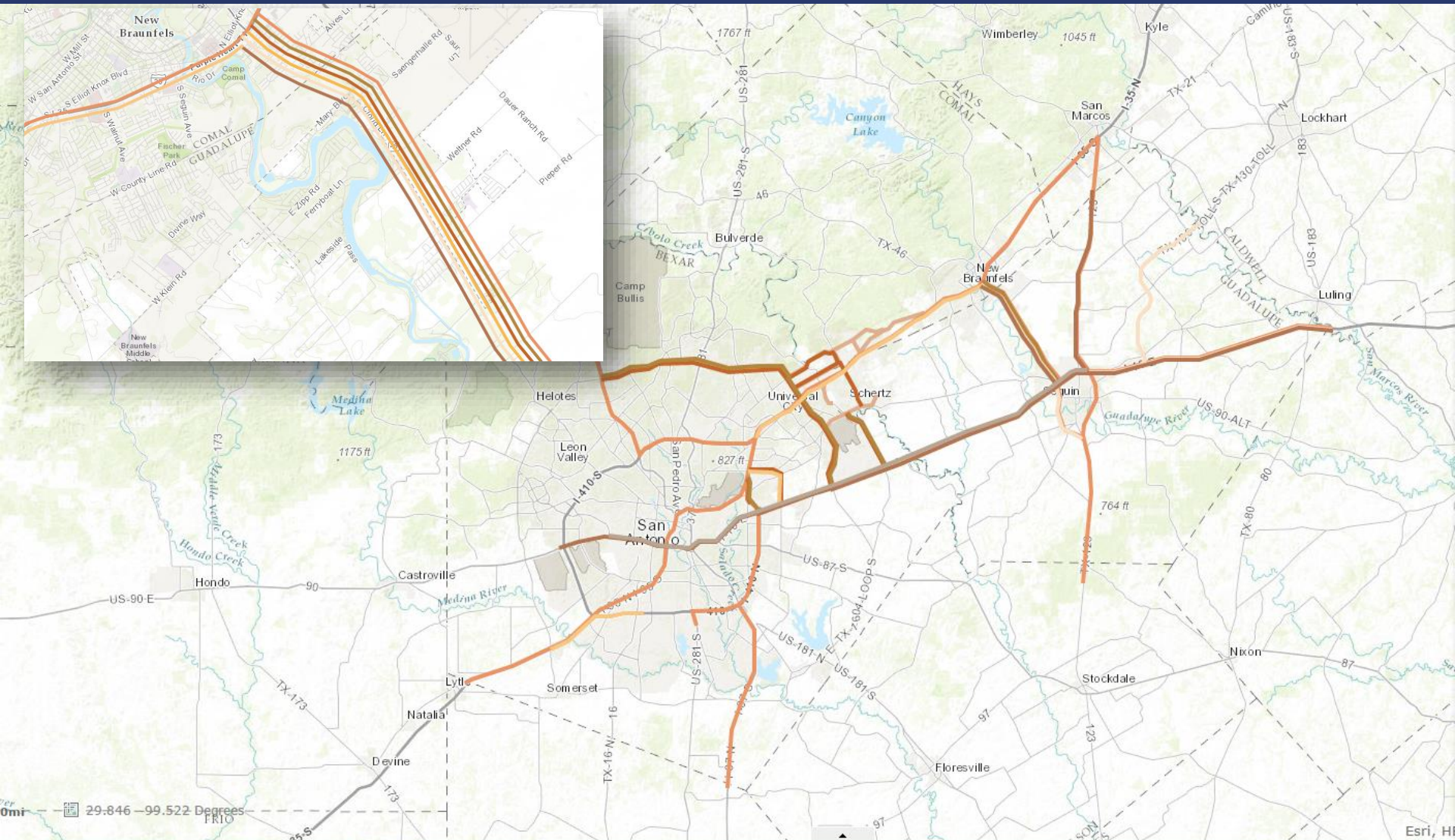
# Many corridors are identified on the national Primary Highway Freight System and are **already eligible for federal freight funding**

Corridors on the National Highway Freight Network



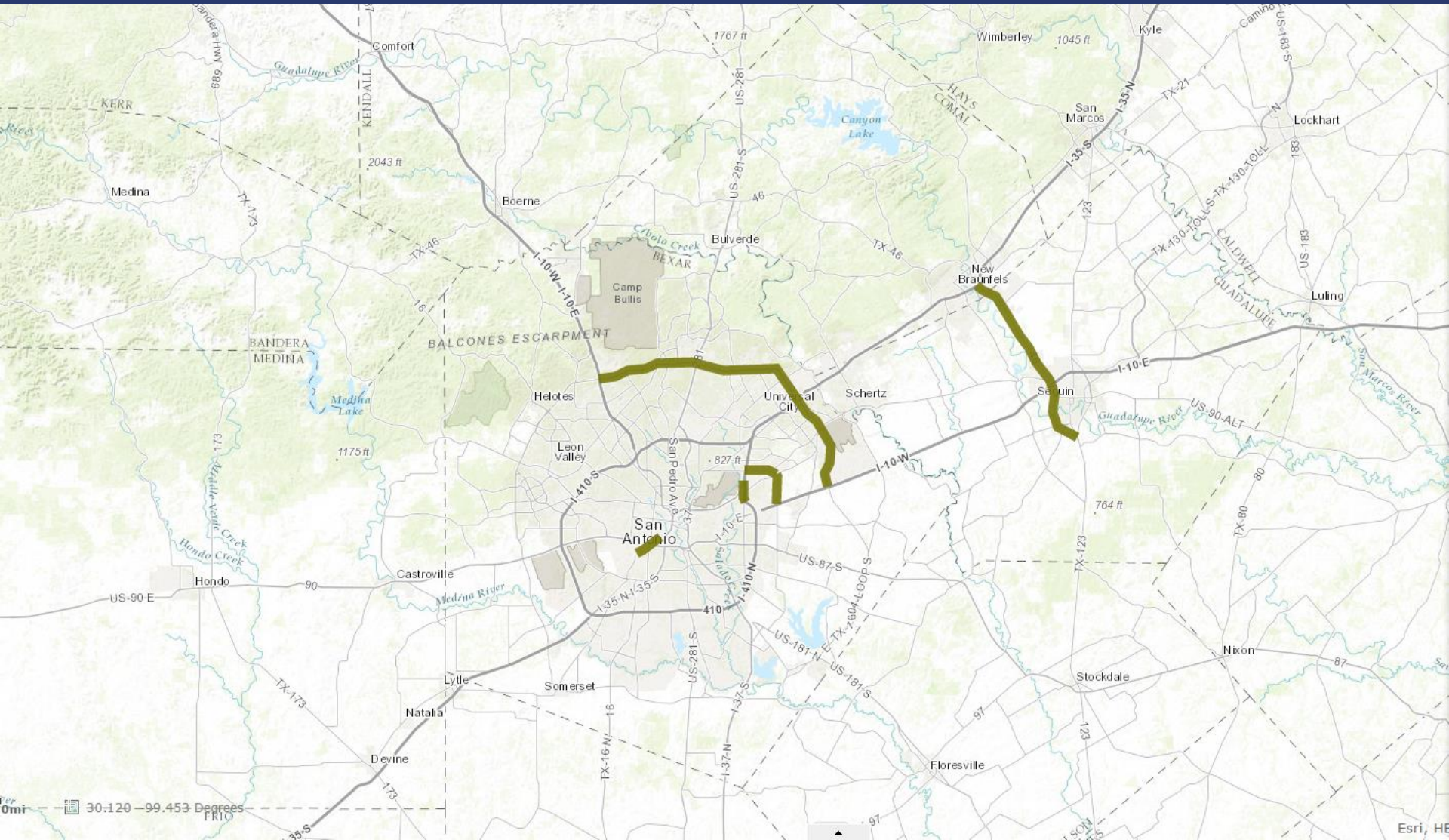


# Roadways most frequently used by workshop participants in the movement of freight



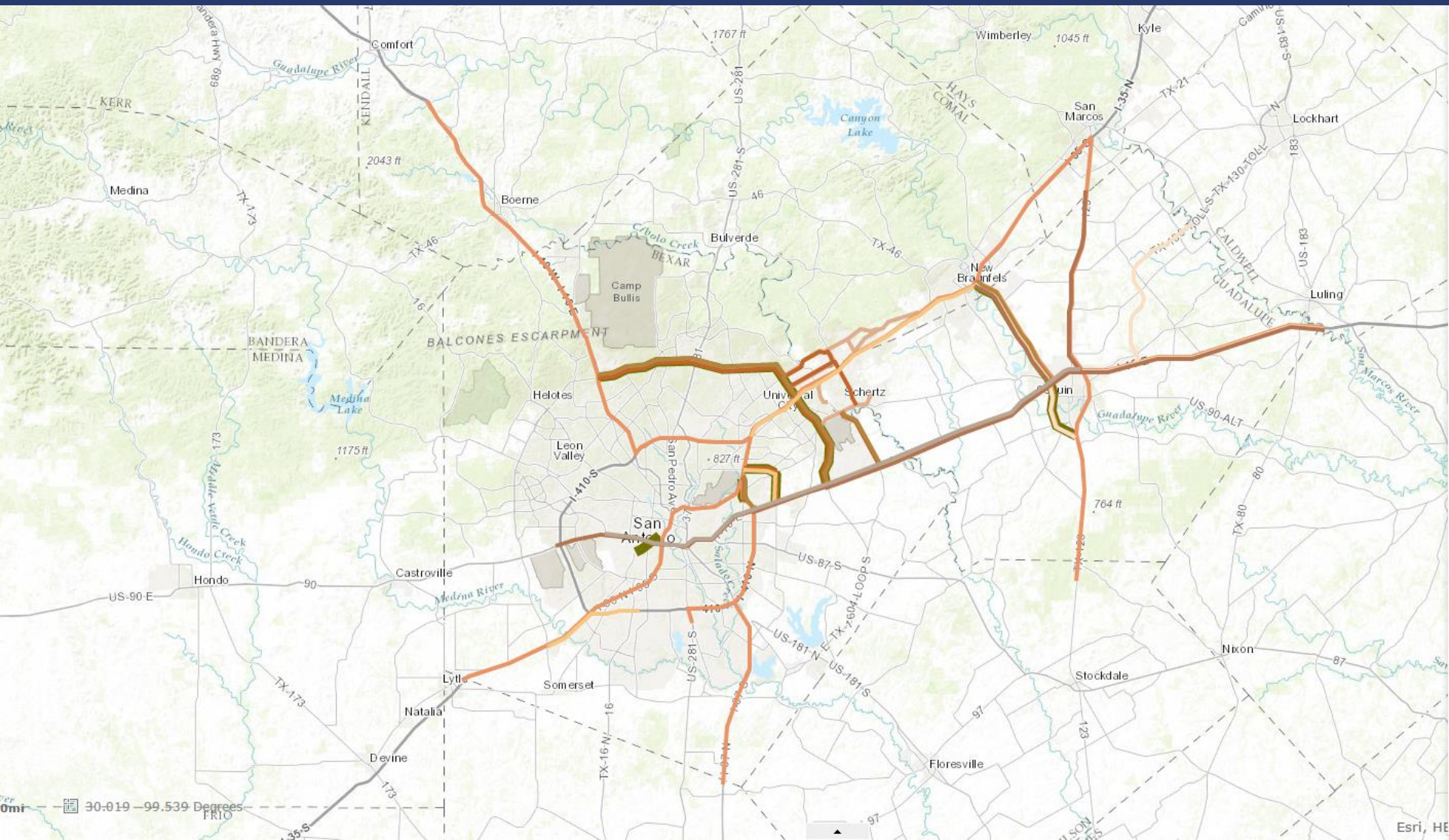


# 58 miles of CUFs recommended by the Technical Advisory Committee





Most frequently used routes seem to correlate well with TAC's initial recommendation with the exception of Frio City Road

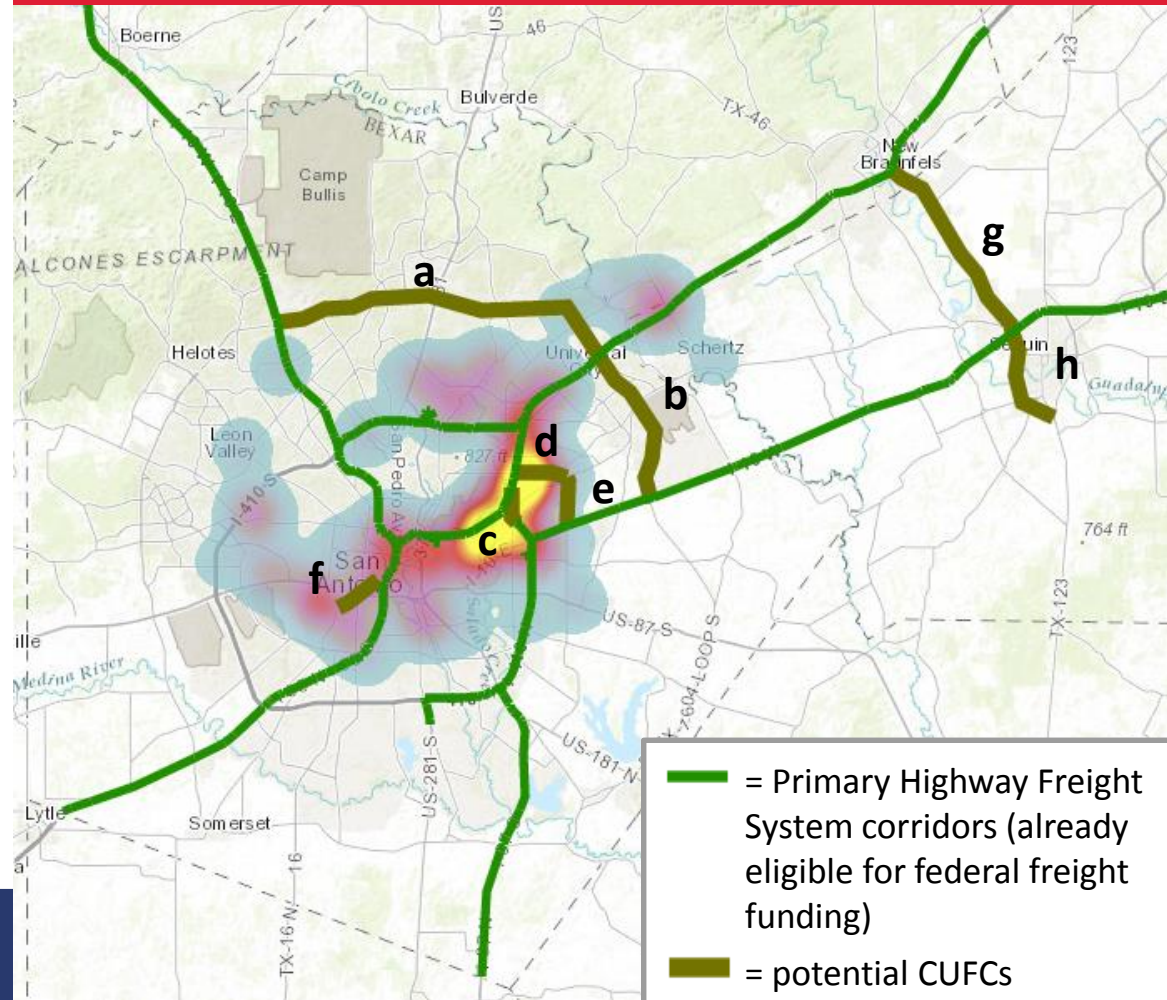




# Potential Critical Urban Freight Corridors

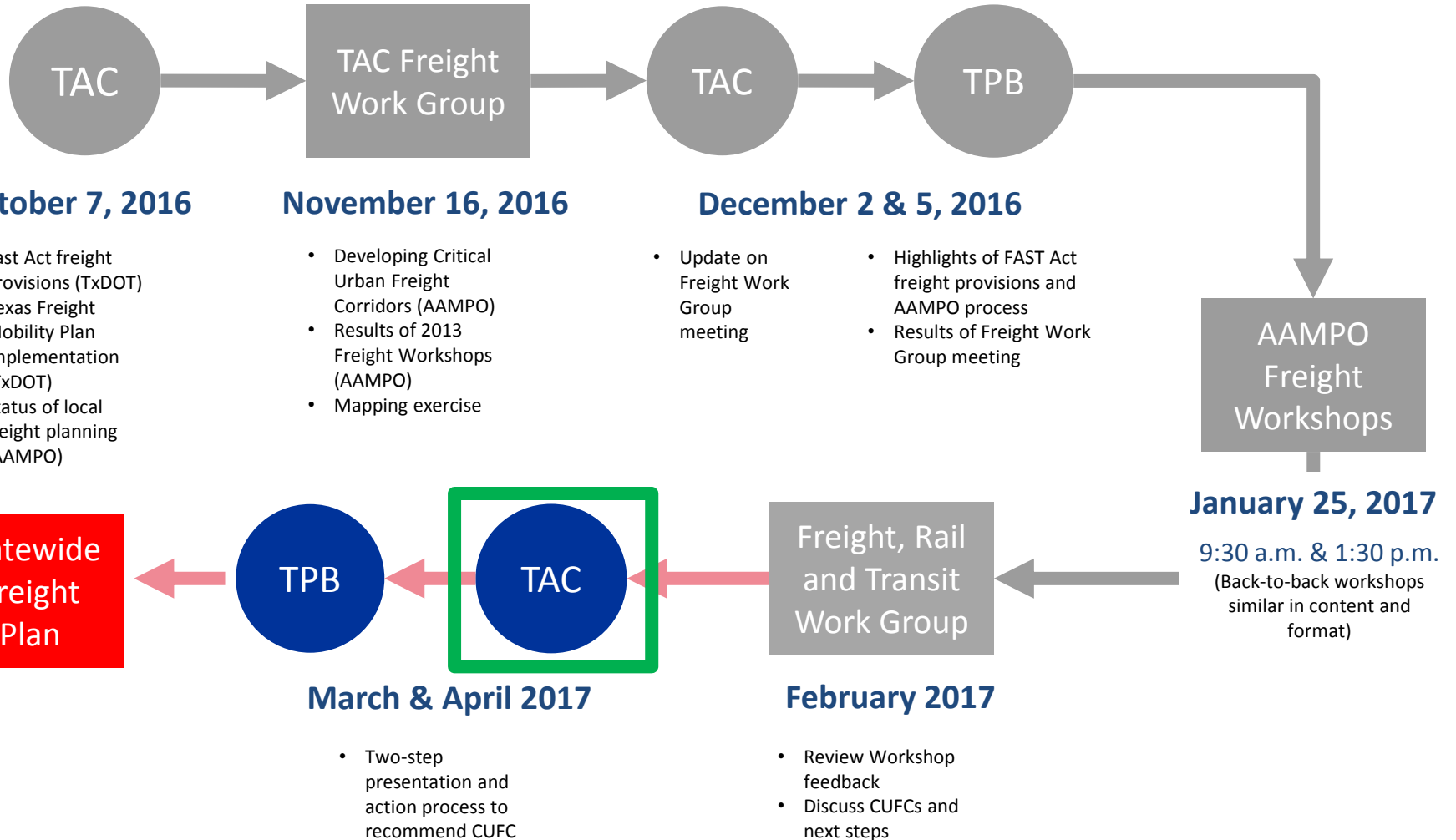
- a. **Loop 1604** from IH 10 W to IH 35 N (17.59 mi)
- b. **Loop 1604** from IH 35 N to IH 10 E (12.83 mi)
- c. **Loop 410** from IH 35 N to NE Loop 410 (2.12 mi)
- d. **Rittiman Rd** from Loop 410 to FM 78 (2.97 mi)
- e. **Foster Rd** from FM 78 to IH 10 E (2.85 mi)
- f. **Frio City Rd** from General Hudnell Dr to Brazos St (2.76 mi)
- g. **SH 46** from IH 35 to IH 10 E (11.79 mi)
- h. **SH 46** from IH 10 E to SH 123 (6.27 mi)

View the map at <http://maps.alamoareampo.org/freight>





# Next Steps





**Thank you!**

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