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

Source: FHWA Freight Industry Webinar
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

Source: TxDOT Texas Freight Mobility Plan
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

Source: FHWA Freight Industry Webinar
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.
• 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.

FHWA encourages States, when making CUFC designations, to consider first or last mile connector routes from high-volume freight corridors to freight-intensive land and key urban freight facilities.
Many corridors are identified on the National Highway Freight Network and are **already eligible for federal freight funding**.
A few corridors on the interstate highway system are **NOT** identified as part of the National Highway Freight Network.
TAC members participated in a mapping exercise on November 16th 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: 

- Corridors on the National Highway Freight Network
- Interstates not on the National Highway Freight Network
- Corridors recommended by TAC
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

- IH 35 North
- Landa Street
- FM 1103
- IH 10 East
- SH 46
- US 281
- Rittiman Road
- S. St. Mary's Street
- Presa
- Quintana Road
- Lookout Road
- FM 452
- Schwab Road
- Foster Road
- FM 2252
- SH 123
- SH 130
- FM 78
- FM 3009
- Loop 1604
- FM 1518
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.
Roadways **most frequently** used by workshop participants in the movement of freight
58 miles of CUFCs 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](http://maps.alamoareampo.org/freight)
Next Steps

- **October 7, 2016**
  - Fast Act freight provisions (TxDOT)
  - Texas Freight Mobility Plan implementation (TxDOT)
  - Status of local freight planning (AAMPO)

- **November 16, 2016**
  - Developing Critical Urban Freight Corridors (AAMPO)
  - Results of 2013 Freight Workshops (AAMPO)
  - Mapping exercise

- **December 2 & 5, 2016**
  - Update on Freight Work Group meeting
  - Highlights of FAST Act freight provisions and AAMPO process
  - Results of Freight Work Group meeting

- **January 25, 2017**
  - AAMPO Freight Workshops
  - 9:30 a.m. & 1:30 p.m.

- **March & April 2017**
  - Two-step presentation and action process to recommend CUFC

- **February 22, 2017**
  - Review Workshop feedback
  - Discuss CUFCs and next steps

**Statewide Freight Plan**
Thank you!

Linda Alvarado-Vela, AICP
Alamo Area MPO
Planning Program Manager
alvarado-vela@alamoareampo.org
210-230-6929