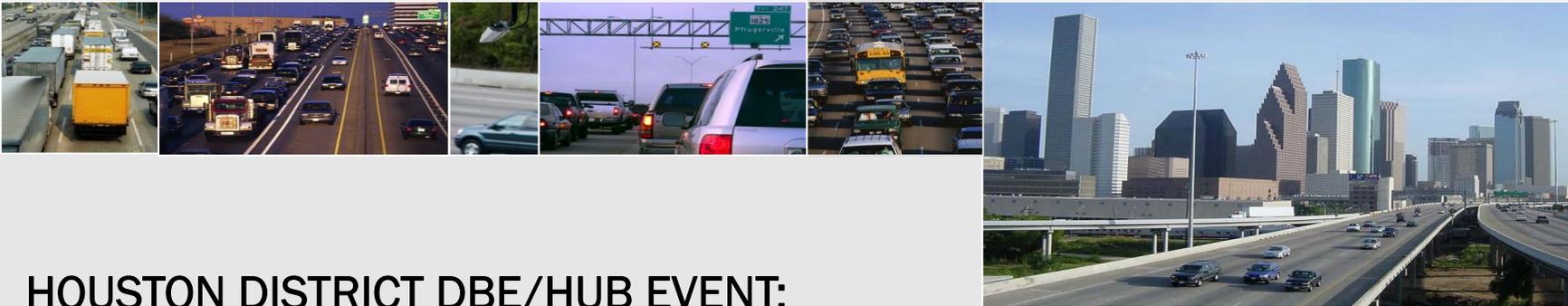




TEXAS DEPARTMENT OF TRANSPORTATION



HOUSTON DISTRICT DBE/HUB EVENT:
*A Focus On Expanding Professional Services
Contracting Opportunities*

Quincy Allen, P.E., TxDOT Houston District Engineer

April 19, 2018

THE BEGINNING

April 4, 1917 – Governor James Ferguson signs HB 2, the law creating the Texas Highway Department.

October 1918 – First highway construction project begins creating a 20-mile road between Falfurrias and Encino, which is now part of US 281.

1919 – There are 148,000 miles of recorded roads in Texas, but most are made of dirt and clay.

The Old San Antonio Road was part of a Federal Aid Project in 1921.

CONNECTING TEXANS TO WHAT MATTERS MOST



TxDOT. Then and Now
A Century of Service

#TxDOT100

1956 – Federal Highway Trust Fund is created. Congress appropriates \$25 billion for building the interstate highway system.

Interstate Loop 610 at Southwest Freeway (U.S. Highway 59) in Houston 1964



THE PRESENT

- More than 80,000 miles of state-maintained roads
- 53,875 bridges (nearly 26,000 more than any other state)
- 6,101 traffic signals

Today, as many as 17 million drivers* may travel Texas roadways each day, making congestion relief a priority.

texasclearlanes.com

*Texas Dept. of Public Safety



Currently, TxDOT is working on the largest project plan in its history.

Hwy 288 south of Hwy 90 in Houston

#TxDOT100



Mission: Through collaboration and leadership, we deliver a safe, reliable and integrated transportation system that enables the movement of people and goods.

LBJ Express in Dallas

#TxDOT100

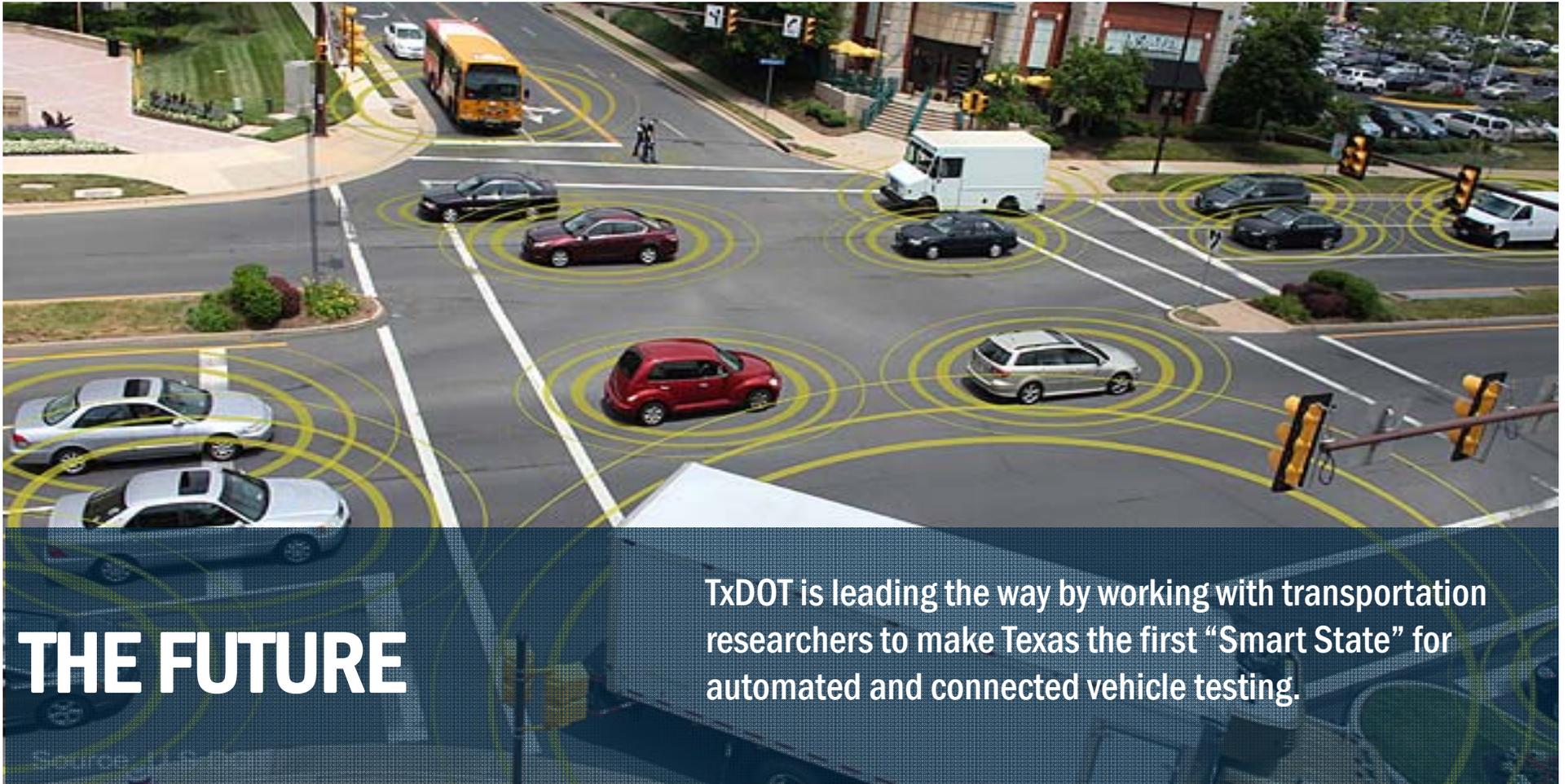
Transportation and Commerce

Texas' freight system in 2014:

- Moved more than 1 billion tons (52%) of goods by truck.
- Moved over 397 million tons by rail.
- By 2040, Texas is projected to increase freight movement by 88% or 2 billion to 3.8 billion tons.



I-35E south of LBJ Freeway in Dallas
Dedicated lanes are LBJ Express



THE FUTURE

TxDOT is leading the way by working with transportation researchers to make Texas the first “Smart State” for automated and connected vehicle testing.

THE HOUSTON DISTRICT

THE GREATER HOUSTON REGION



Region's population expected to grow by 66% to 10 million over next 25 years.



The 4th largest economy in America and has earned its reputation as the “energy capital” of the world.



Home to world's busiest seaport areas; freight trade hub is set for booming future. Expansion of Panama Canal will increase cargo coming into local ports.

Tagline and stats from the Greater Houston Partnership – www.houston.org

HOUSTON DISTRICT

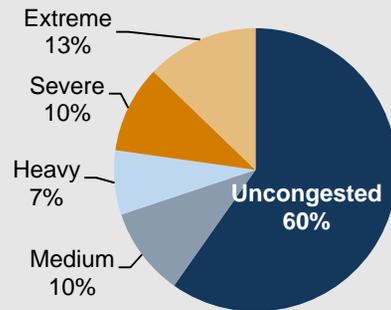
- Plans, designs, builds, operates and maintains the state transportation system in **six** counties: Brazoria, Fort Bend, Galveston, Harris, Montgomery and Waller.
- Encompasses **5,856** square miles.
- Serves approximately **5.8 million** people.
- Approximately **5.1 million** registered vehicles.
- Current FTE count is appropriately **1,200**.
- **Seven** area offices and **nine** maintenance sections.
- Operation of the **Galveston/Port Bolivar Ferry Service**



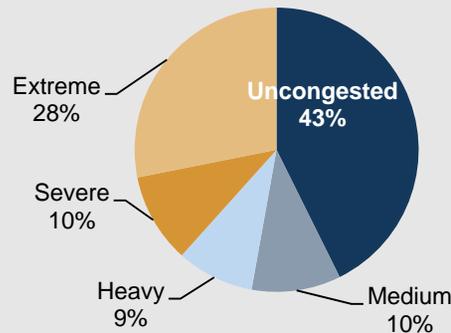
Congestion Growth in Texas

Levels of congestion on freeways and major roads

2008
475 Million VMT/Yr



2035
840 Million VMT/Yr



- Each year, congestion costs Texans:
 - 472 million extra hours of travel time
 - \$10.1 billion in delay and fuel costs
 - \$2.1 billion in truck freight moving costs
- Texas cities have highest levels of congestion in nation:
 - # 6 – Houston
 - # 13 – Dallas/Fort Worth
 - #17 – Austin
- By 2035, Texas will add 5 million new residents

Source: Texas Transportation Institute's "2012 Urban Mobility Report"

HOUSTON DISTRICT FUN FACTS*

- HOU maintains and operates a total of 10,567 lane miles of pavement.
 - Cover the distance from Los Angeles to New York and back, twice. [2462 miles each way]
- Motorists in our region drive approximately 173 million miles per day.
 - Motorists in the HOU drive enough miles to get to sun and back every day. (Sun = 93 million mi from earth)
- Of that 173 million, there are more than 10 million vehicle miles of daily truck traffic on the Houston District system.
 - The HOU carries enough daily truck traffic to go all the way around the earth 401 times. (circumference of the earth = 24,900 miles)



*Updated per demographics available for FY 2015

**TXDOT'S FUTURE IS
CHANGING**

<https://www.youtube.com/watch?v=4Ytk4ZuBI5Y>

Houston District Resources & Questions

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Follow us on Twitter: @TxDOTHoustonPIO