



# TEXPRESS

## LANES:

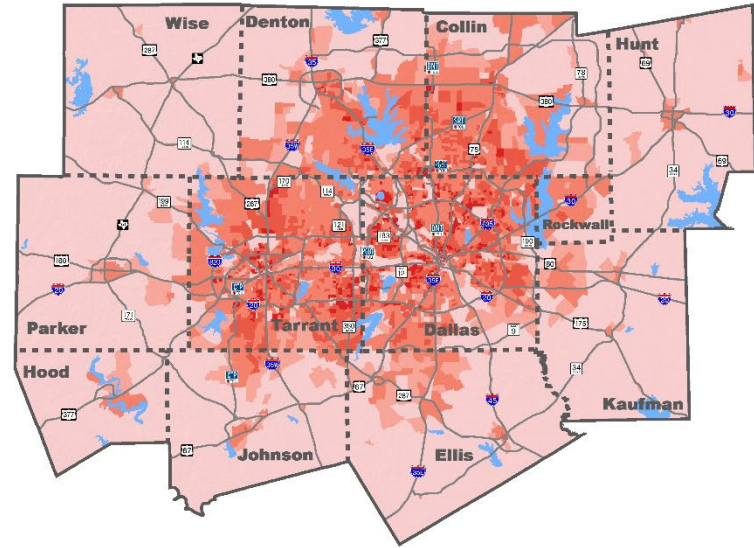
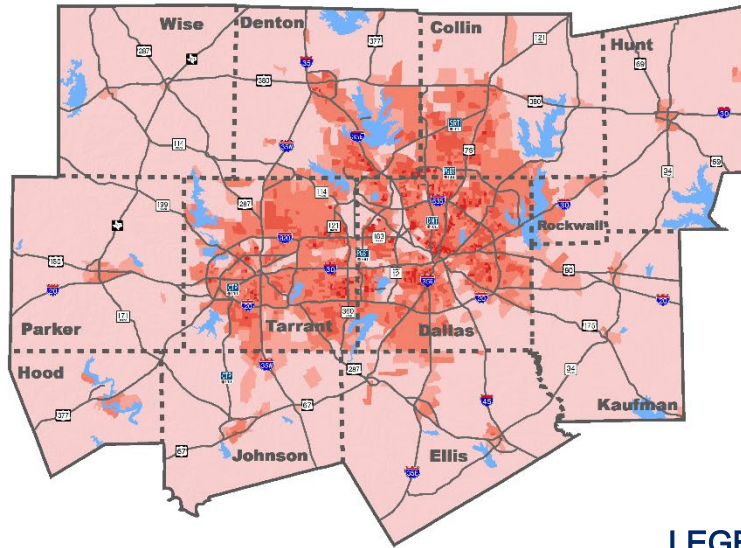
A REGIONAL OVERVIEW

March 2020

# REGIONAL GROWTH

2017

2040



## LEGEND



Population density in persons per sq. mi

Change in Population Density  
2017 -2040

Source: NCTCOG 2040 Demographic Forecast

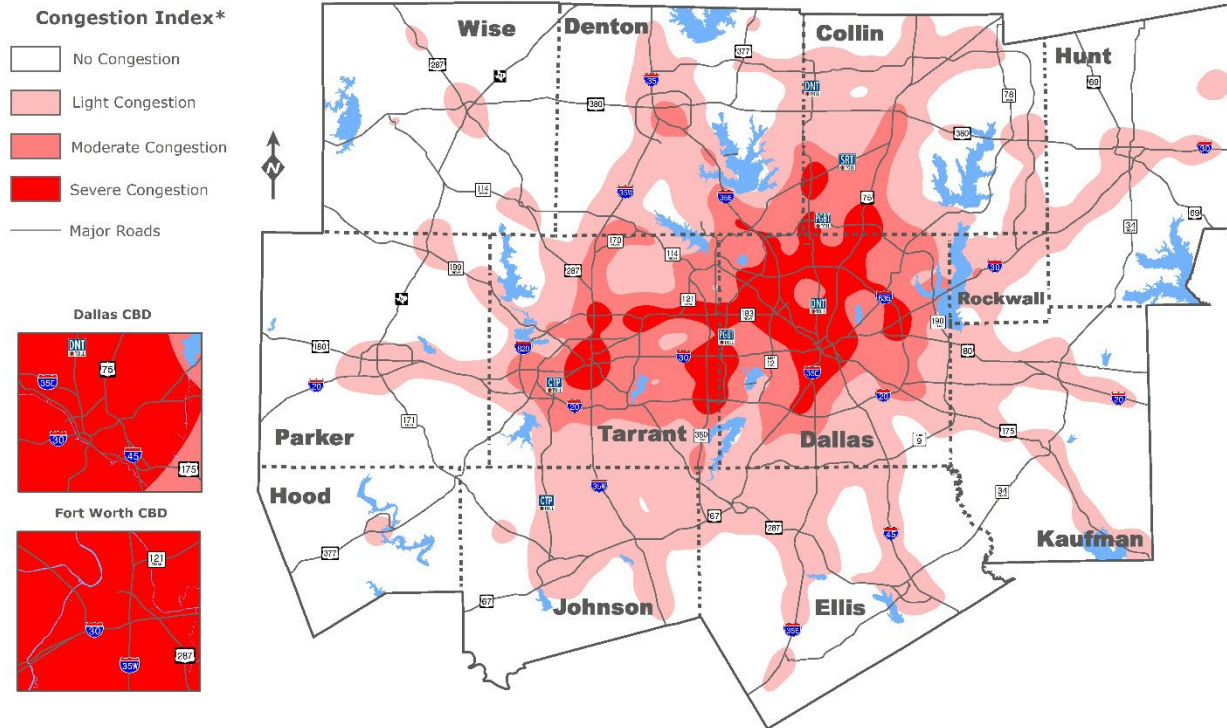
The Dallas -Fort Worth area has more than 7 million people living in the 16-county region, and continues to add approximately 1 million new residents per decade.

ESTIMATED REGIONAL GROWTH		2017	2040
POPULATION		7,235,508	10,676,844
EMPLOYMENT		4,584,235	6,691,449
VEHICLE MILES OF TRAVEL		206,241,991	319,727,680
HOURLY CAPACITY (MILES)		44,122,996	52,476,266
VEHICLE HOURS SPENT IN DELAY		1,520,582	3,588,740
INCREASE IN TRAVEL TIME DUE TO CONGESTION		38.1%	58.2%
ANNUAL COST OF CONGESTION (BILLIONS)		\$10.7	\$25.3

# CONGESTION LEVELS



## 2040 Levels of Congestion/Delay



Cost of Congestion/Delay: \$25.3 billion

\*Congestion Index is based on a percent increase in travel time.

Source: NCTCOG 2040 Demographic Forecast

Current transportation funding is not keeping pace with the need to maintain and provide capacity improvements for the growing population, increasing congestion throughout the region.

# FUNDING CHALLENGES

State fuel  
taxes have  
not  
increased  
since 1991.

The gas tax has lost  
much of its  
purchasing power  
and cannot  
sufficiently fund our  
roadways.

Federal fuel  
taxes have  
not increased  
since 1993.

Increased  
construction  
costs

More  
fuel -efficient  
vehicles

# LEVERAGE

	PUBLIC SECTOR FUNDING	PRIVATE SECTOR CONTRIBUTION	PRIVATE TO PUBLIC SECTOR RATIO
TOLL ROADS	\$1.6 Billion	\$16.5 Billion	10:1
TOLLED MANAGED LANES	\$1.3 Billion	\$5.9 Billion	4:1
TOTAL	\$2.9 Billion	\$22.5 Billion	



# EXPLORING ALTERNATIVES



**TEXpress  
Lanes  
expedite  
projects**

**Create  
extra  
capacity**

**Provide  
reliable  
travel times**

**Pay for their  
maintenance  
over time**

**Provide an  
option to  
drive on  
rebuilt, non -  
tolled lanes**

# WHAT ARE TEXPRESS LANES?

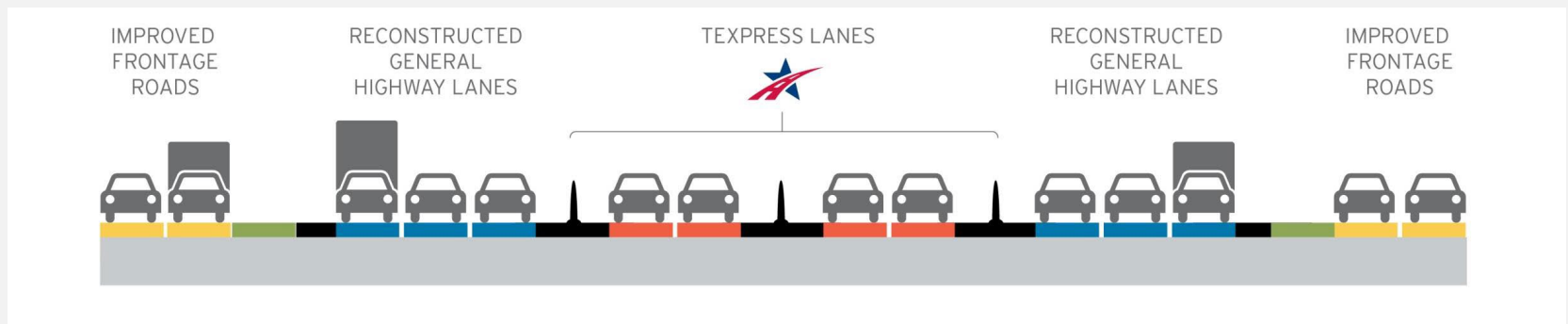
TEXpress Lanes are unique toll lanes that are built within an existing highway. They add additional capacity to the highway to accommodate more traffic to relieve congestion.





# HOW DO TEXPRESS LANES WORK?

Pricing on TEXpress Lanes is adjusted based upon the average speed and number of drivers on the TEXpress Lanes. Drivers are notified of the price they will pay on the toll pricing signs prior to entering any segment of the TEXpress Lanes.



# NTE TEXPRESS USAGE FACTS

98%

USE TEXPRESS  
AS - NEEDED

The average TollTag user chooses the TEXpress Lanes **occasionally** .

1 in 5

TRIPS ON TEXPRESS

The average TollTag user chooses the TEXpress Lanes for 1 in every 5 trips.

\$5-15

BILL/MONTH

Most drivers who choose the TEXpress Lanes have a bill between \$5-\$15 per month.



# TEXPRESS LANES

COMPARED TO



# TOLL ROADS

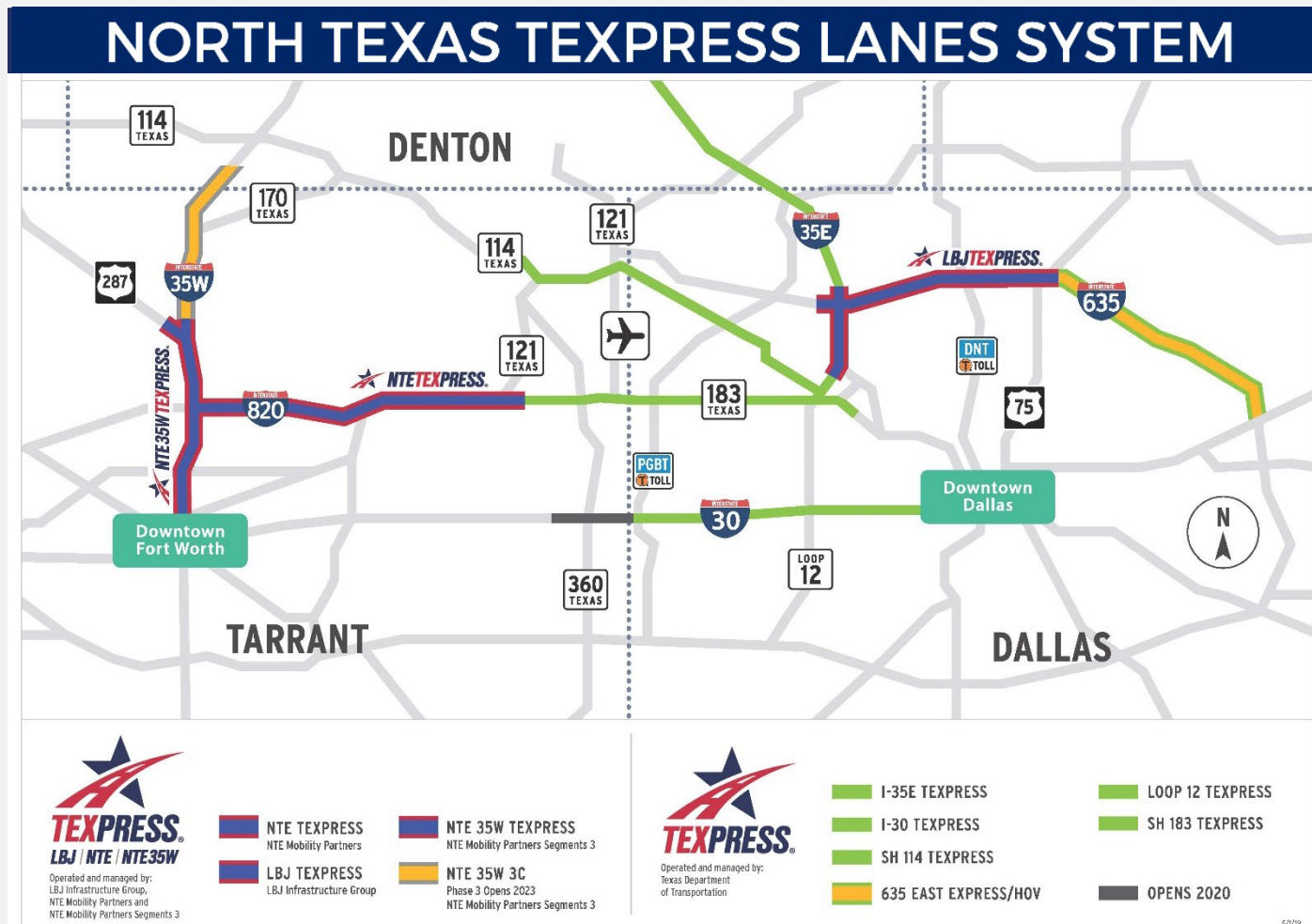
TEXpress Lanes add capacity alongside non-tolled lanes and use a pricing model with rates that fluctuate depending on traffic.

NTTA toll roads charge standard, non-fluctuating toll fees.

# SYSTEM MAP

TEX PRESS LANES

TEXpress Lanes can be found throughout the region.







TEX PRESS LANES

# CHOOSING TEXPRESS

Drivers can always choose to drive the existing non -tolled lanes or choose TEXpress Lanes.



# CHOOSING TEXPRESS

TEXpress Lanes are designed for drivers who want a reliable and time -saving trip to reach many destinations.

**WORK**



**HOME**



**SPORTS**



**AIRPORT**



Drivers can make the best choice for them based on their own needs each time they drive on a roadway with TEXpress Lanes.



**6+ million different vehicles have used the LBJ & NTE TEXpress Lanes to date**



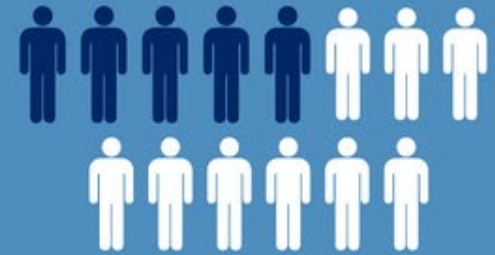
**7 million people live in Dallas-Fort Worth**

# TEXpress Lanes

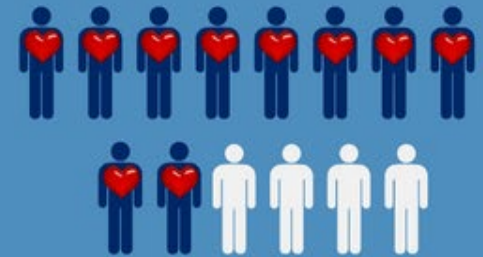
are for everyone

**The most common carmakers seen on TEXpress Lanes are Toyota, Ford, and Honda**

**Only 15% of cars on TEXpress Lanes are luxury brands**



**5 in 14 users are new to TEXpress Lanes each month.**



**More than 10 in 14 users view TEXpress Lanes favorably**

Source: LBJ TEXpress and NTE TEXpress Lanes

# BENEFITS



**REDUCES  
CONGESTION**

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**ECONOMIC  
DEVELOPMENT**

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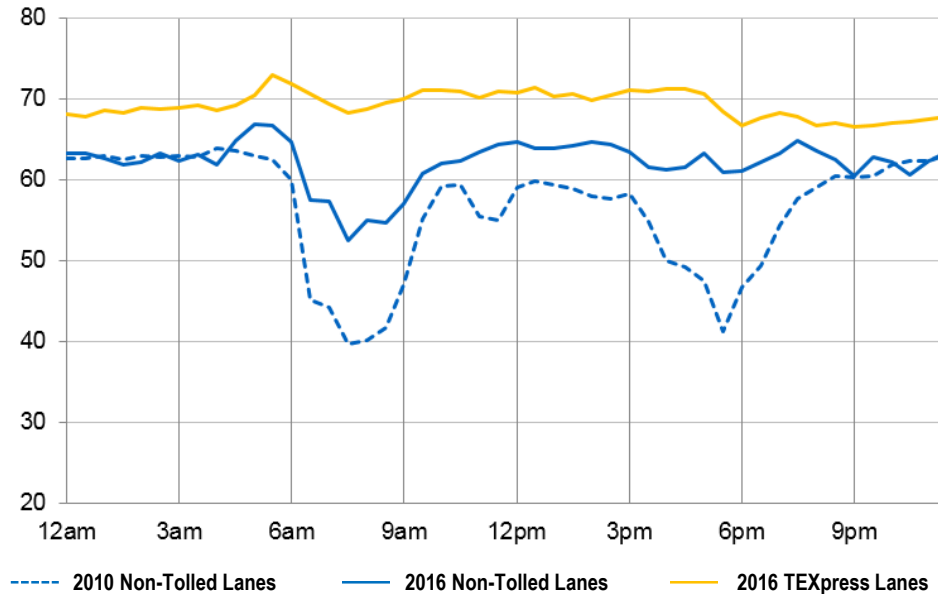


**AIR  
QUALITY**

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# REDUCES CONGESTION

Segment 3 Westbound Speed Profile



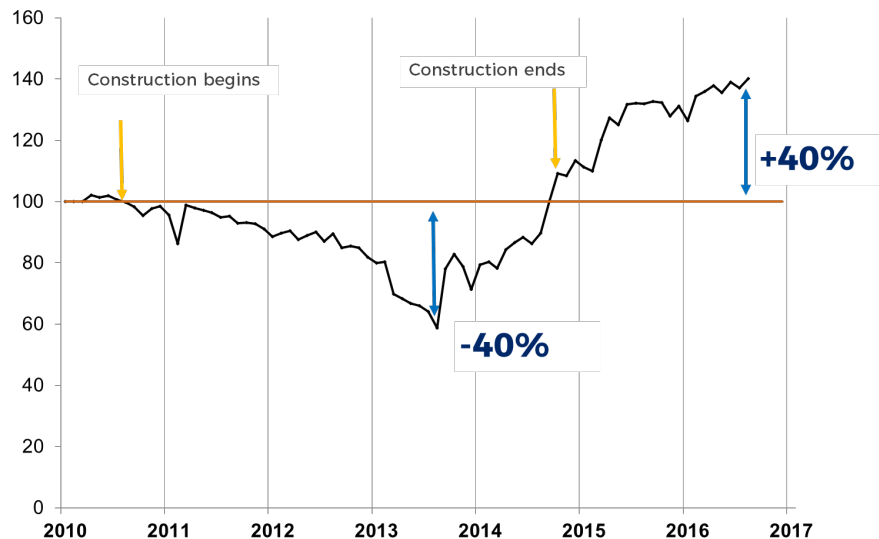
TEXpress Lanes allow for expanded capacity without reducing efficiency.

- Average speed increased by 10 -15% in the LBJ corridor.
- Congestion time on non tolled lanes reduced by 60%.

# REDUCES CONGESTION

## NTE SEGMENT 1

Indexed traffic volume from 2010 through August 2016



- NTE corridor traffic totals increased 40% since construction ended, while congestion time on non-tolled lanes has been reduced.



# ECONOMIC DEVELOPMENT

Improved transportation  
corridors bring:

- ▶ Economic development
- ▶ Increased property values
- ▶ Additional tax revenues

# AIR QUALITY

Less stop -and -go traffic conditions  
help reduce emissions, helping  
improve air quality.





It's all about drivers who want  
a more reliable commute.

TEXpress Lanes are a needed  
choice for North Texas  
residents.

**TEXPRESSLANES.COM**

