

# 2018

## COLLIN COUNTY BOND PROGRAM



# **2018** COLLIN COUNTY BOND PROGRAM

## **WHY ?**

# **2018** COLLIN COUNTY BOND PROGRAM

**CONGESTION** now



**CONGESTION** in the future



# Our County **Now**

- One of fastest-growing counties in Texas and U.S.
  - 60 new residents every day
- Sixth most populous Texas county
- 2017 population - **970,000**
- 2018/19 – **1 million**
- Vehicle registrations continue to rise, hitting **almost 900,000 in 2016**



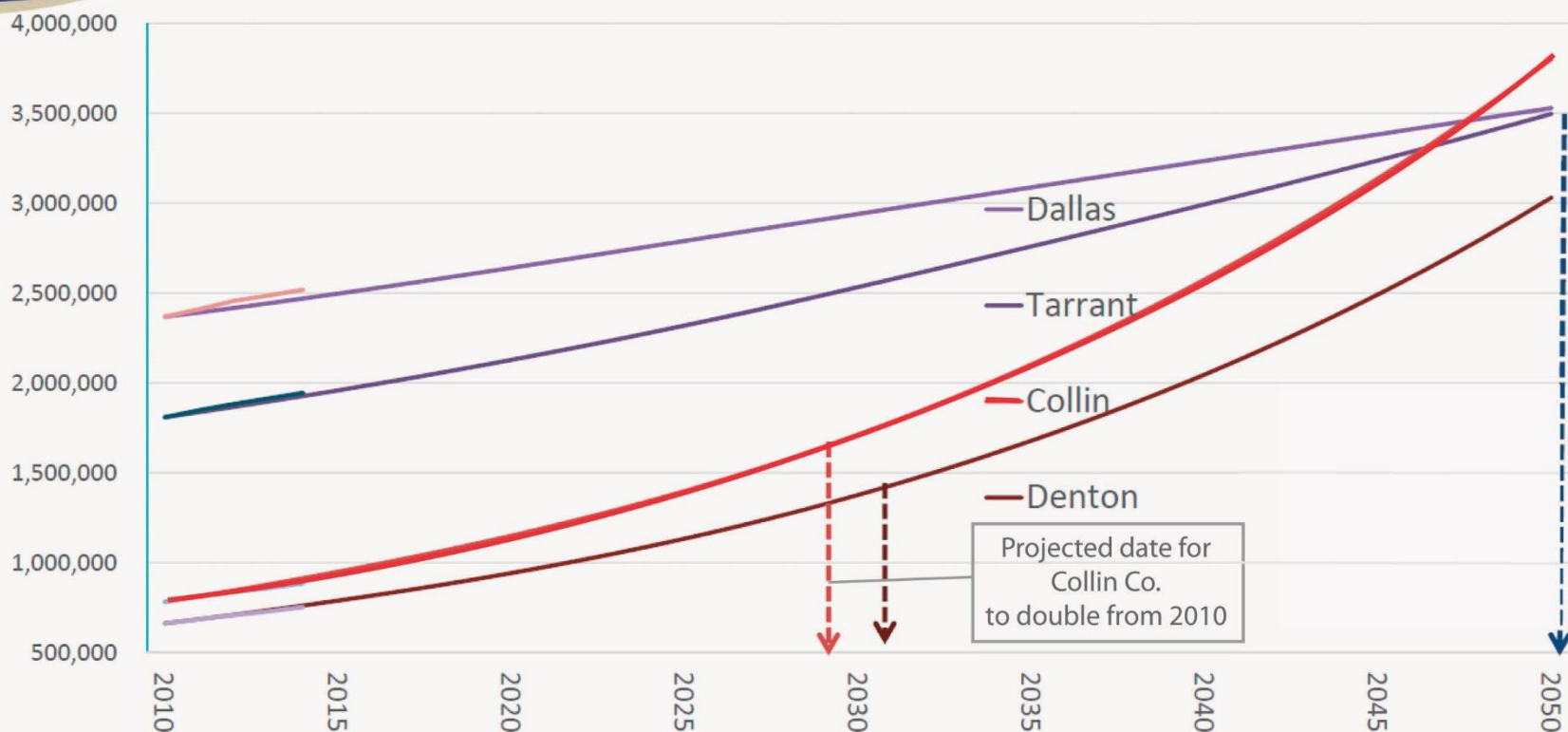
# Our County's **Growth So Far**

- Single family home permits **up 54%**  
from 2010-2017
- Single family home sales **up 38%**  
from 2011-2017



# Our County's Future Growth

## Population Estimates and Projections, Metroplex Counties, 2010-2050



Source: Texas State Data Center 2014 Population Projections and U.S. Census Bureau Estimates 2014



# Our County's **Future Growth**

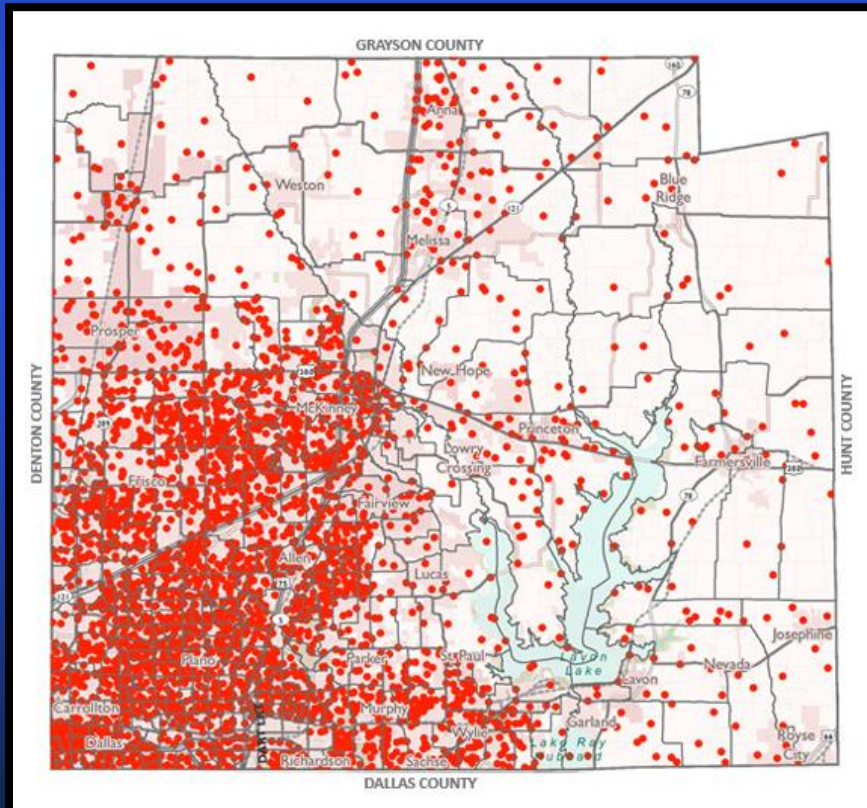
Various sources indicate  
Collin County will be over  
**3,000,000** population  
when we are fully developed



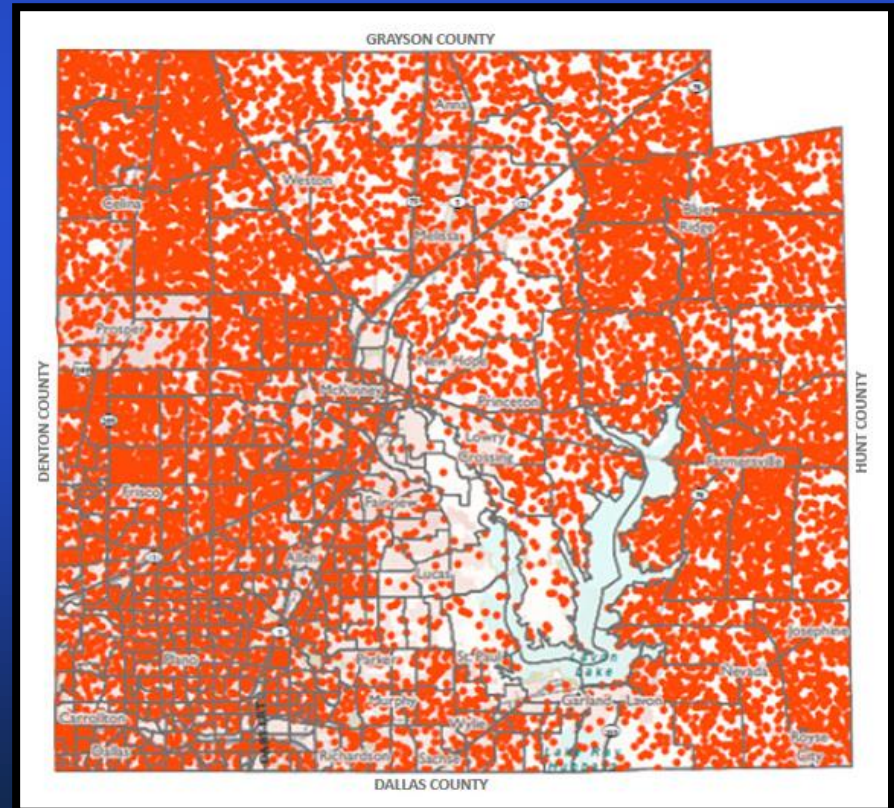


# Our County's Future Growth

## 2020 Density



## Build-out Density







# Our County's **Future Growth**

## 2045 Metropolitan Transportation Plan Congestion Data for Collin County

	<u>2018</u>	<u>2045</u>
Vehicles Miles Traveled	24M	42M
Daily Hours of Delay	206,000	573,000
Increase in Travel Time	42%	68%

[https://www.nctcog.org/trans/mtp/2045/documents/G.RegionalPerformance\\_002.pdf](https://www.nctcog.org/trans/mtp/2045/documents/G.RegionalPerformance_002.pdf), pages 3-4

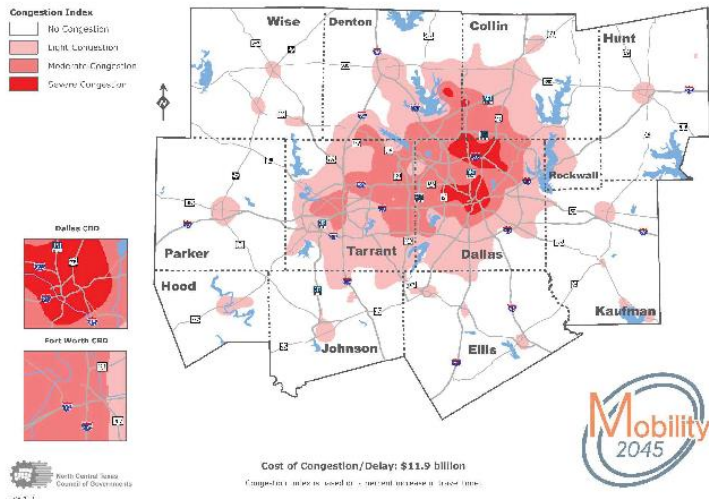


# Our County's Congestion

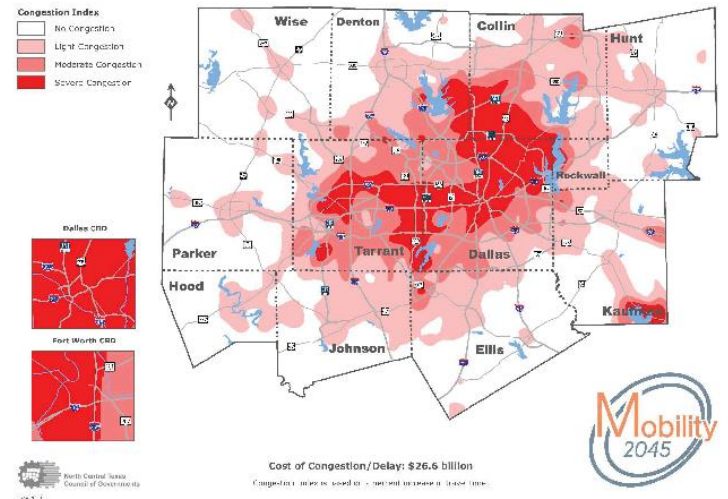
2018

2045

2018 Levels of Congestion/Delay



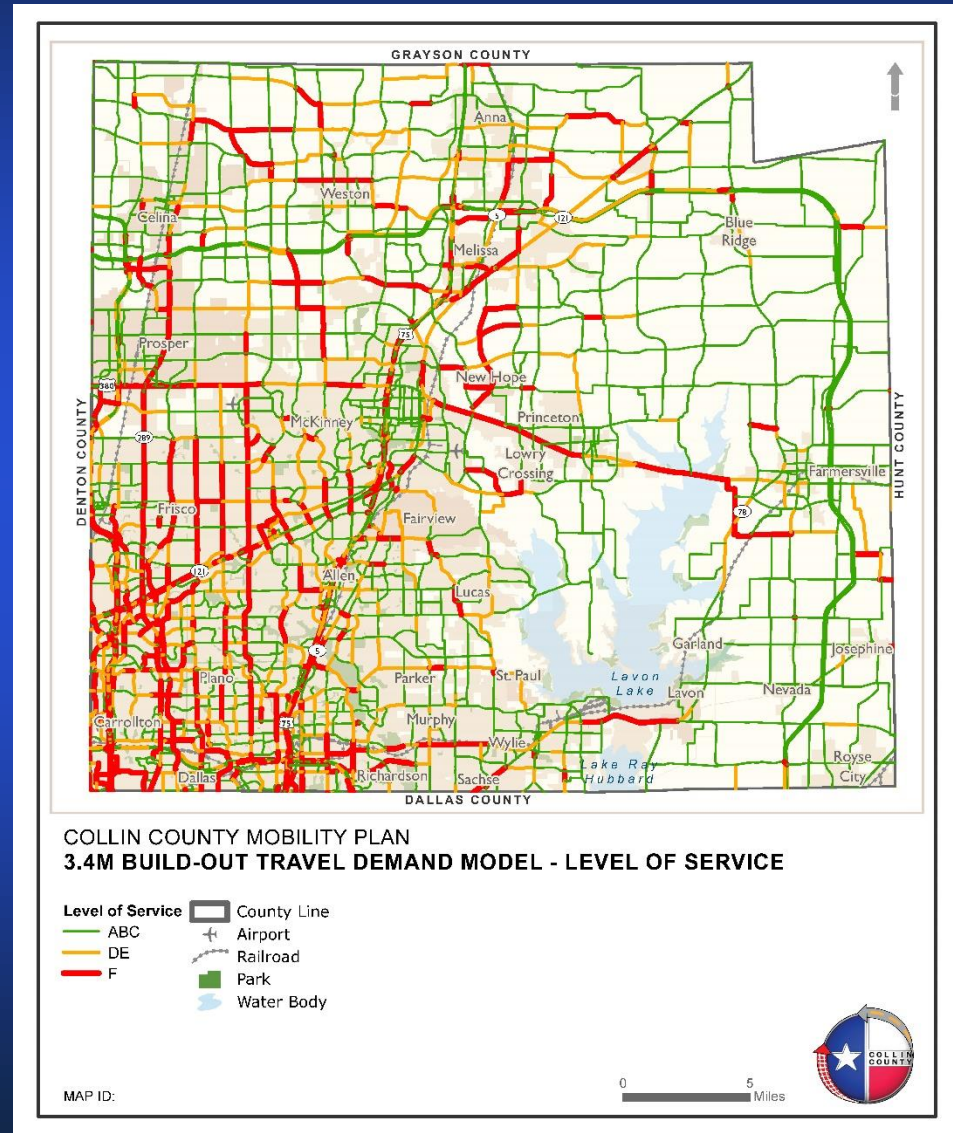
2045 Levels of Congestion/Delay





# Mobility Plan 2014

*The Collin County Mobility Plan 2014 Update, Addendum 1* indicates that when the county is built out there will be widespread gridlock, level of service “F” (red on map)





# Projected **Traffic Volumes**

When the traffic volume of a roadway exceeds **45,000 vehicles per day** it needs to be converted to a **freeway**.

Projected volumes for US 380 and SH 78:

	<u>Today</u>	<u>2035</u>	<u>Build-out</u>
US 380 west of Custer	45,000	57,000	69,000
SH 78 west of SH 205	37,000	59,000	88,000



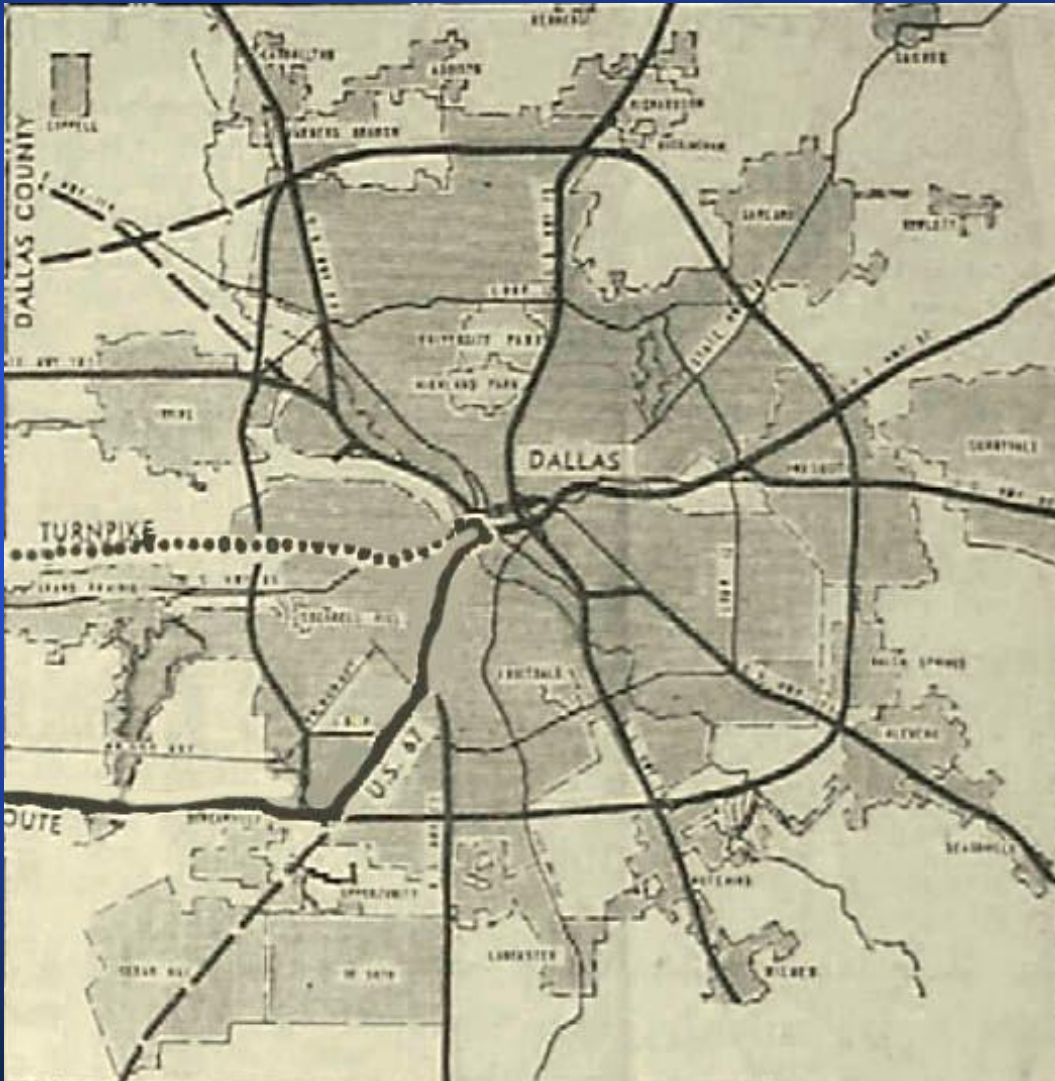
# County System Development

New Freeways ?





# Freeway Comparison



## Dallas Co. Population

1950: 614,799

1957: 850,508 est.

1960: 951,527

From  
*The Dallas Morning News*  
July 2, 1957

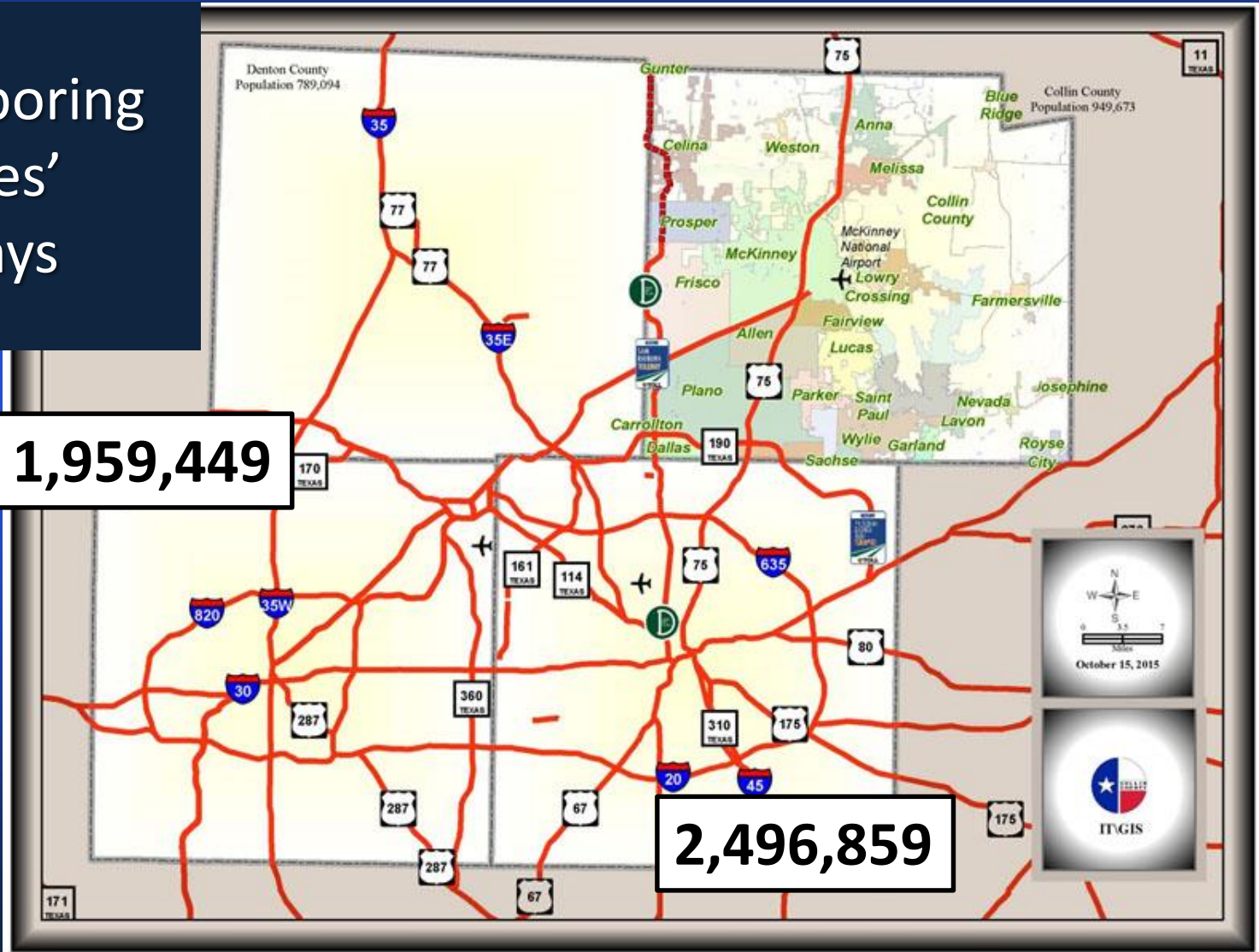


# Freeway Comparison

Neighboring  
counties'  
freeways

1,959,449

2,496,859









# Economic Impact

**Will new freeways have a negative impact due to loss in current business?**

- **No**
- **2016 Perryman study; economic impact of a freeway vs 6-lane thoroughfare:**
  - **Net increase of \$19.4B in gross product**
  - **Net increase of 160,600 jobs**



# Long Term **Roadway Needs**

## North Central Texas Region

2045 Estimate of Regional Need - **\$390B**

Projected Regional Revenue - **\$51B**

Shortfall in Region - **\$339B**

[https://www.nctcog.org/trans/mtp/2045/documents/2.0FinancialReality\\_002.pdf](https://www.nctcog.org/trans/mtp/2045/documents/2.0FinancialReality_002.pdf), page 6



# RTC MOBILITY 2045 PROJECTS-Collin County

## Near Term

- Freeway Summary \$2,315,896,632.00
- Bus Rapid Transit \$12,000,000.00
- Roadway Improvements \$1,686,270,353.00
- Non Regional Significant
- Arterials \$643,653,125.00
- TOTAL: \$4,657,820,110.00



# Long Term **Roadway Needs**

## Collin County

2045 Estimate of County Need - **\$12.6B**



# System Improvements

## Partnership is required

- Collin County
- the Texas Dept of Transportation (TxDOT)
- the Metropolitan Planning Organization (MPO)
- the cities



# Collin County's **Share**

Collin County is proposing a bond program to provide its share of the partnership for an improved transportation system.

- \$600,000,000 for **non-tolled freeways**
- \$140,000,000 for **thoroughfares**



# County's **New Freeways**

**New freeways are long-term (20-year) projects**

- Set alignment
- Conduct environmental analysis
- Acquire ROW
- Design
- Adjust utilities
- Construct service roads
- Construct main lanes
- Not all segments are started at same time





# Timeline For New Freeways

## First Five Years: Pre-Construction Tasks

- Feasibility/Alignment/Environmental/Public involvement
- Design
- ROW purchase
- Utility relocation





# Thoroughfares

**Bond funding is needed** to improve the capacity of major roadways that will be severely congested in the immediate future.

This funding will:

- support Collin County projects
- allow Collin County to partner with TxDOT, the MPO and the cities



# Bond Program **Timeline**

## 2019-2023 Bond Program:

- Design and construction of thoroughfares
- Outer Loop (Preston - US 75) – construct service roads
- Pre-construction stages of freeways

Construction of freeways will occur after 2023





# Our County

- We will continue our high growth for several more decades
- Traffic congestion will increase
- A bond issue to build new **non-tolled** freeways will:

**prevent this**

and

**allow this**





# Open Space **Development**

**Bond funding is needed** for additional parks and open space in cities

- Collin County has partnered with cities for decades
- Preserves key natural resources as land is converted to homes and businesses.





# Bond Election 2018

## Proposition A

Freeways (**non-tolled**) \$600 million

## Proposition B

Thoroughfares \$140 million

## Proposition C

Open space/parks projects \$ 10 million

**Total \$750 million**



# Bond Election 2018

If passed by voters, the November bond election **will not increase** the County's debt service tax rate.

# 2018

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<https://www.collincountytx.gov>

