

# 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**



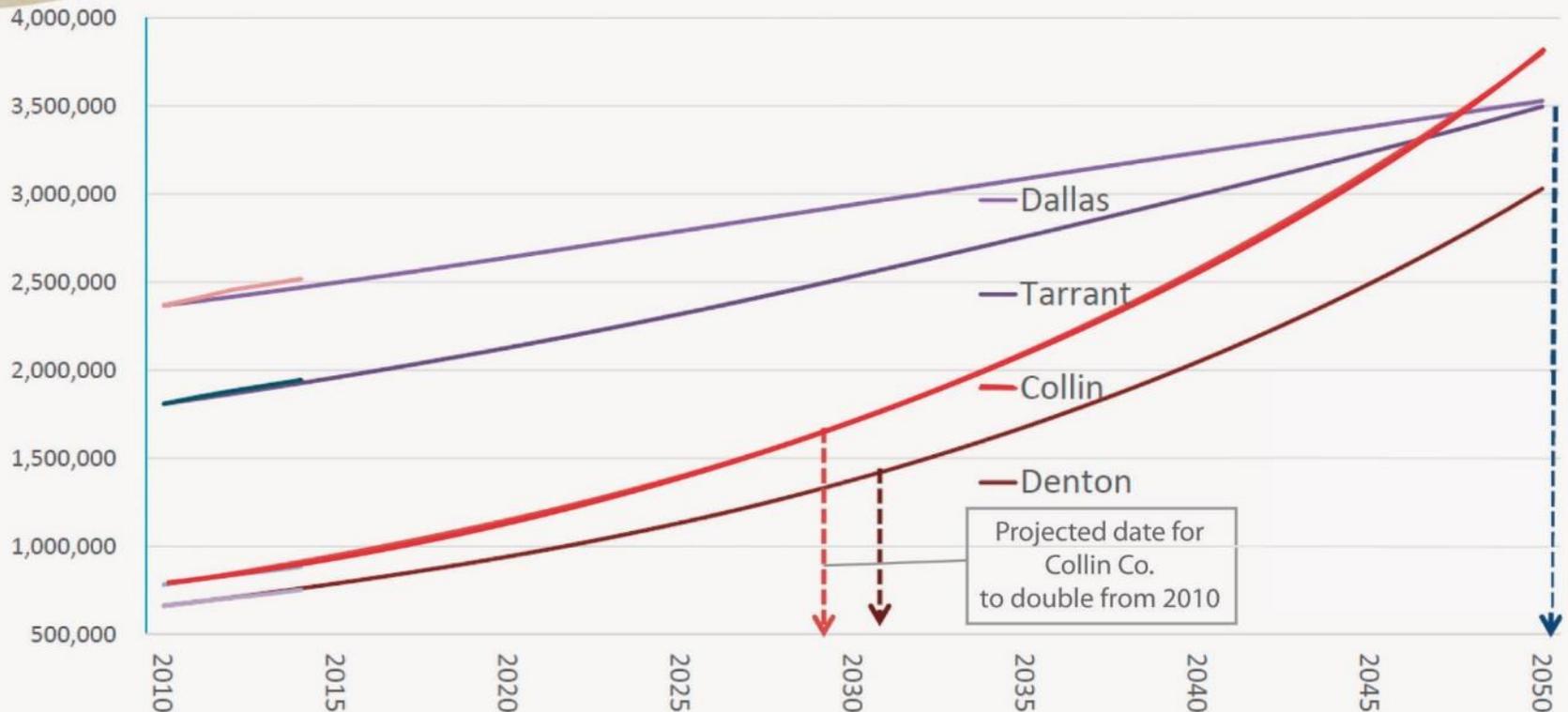
# Our County's **Growth So Far**

- 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**

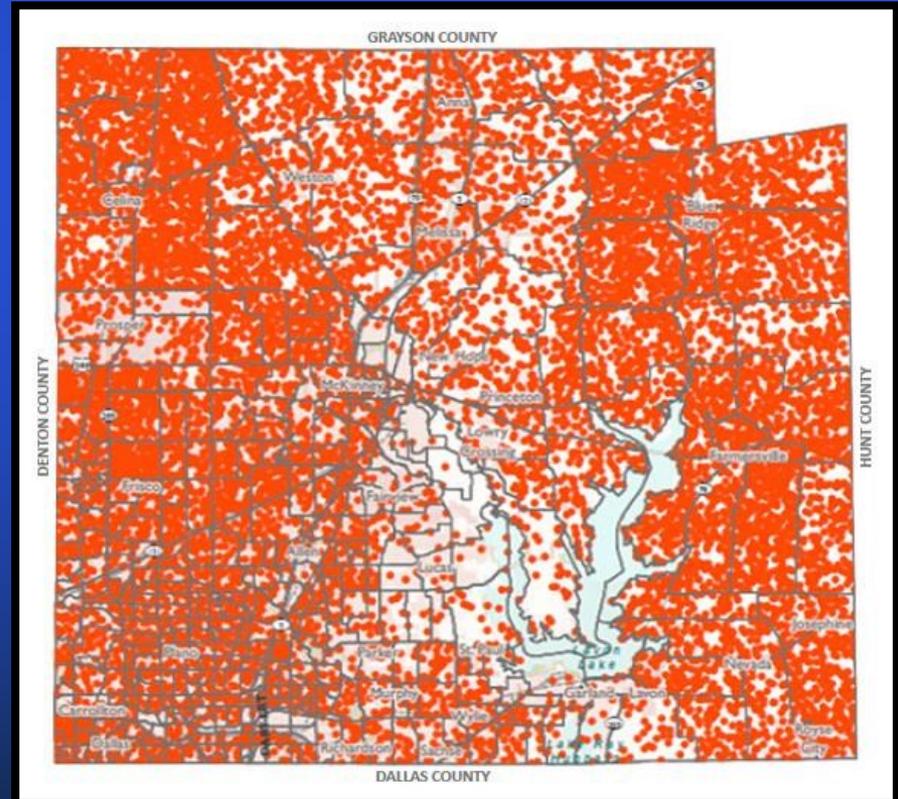
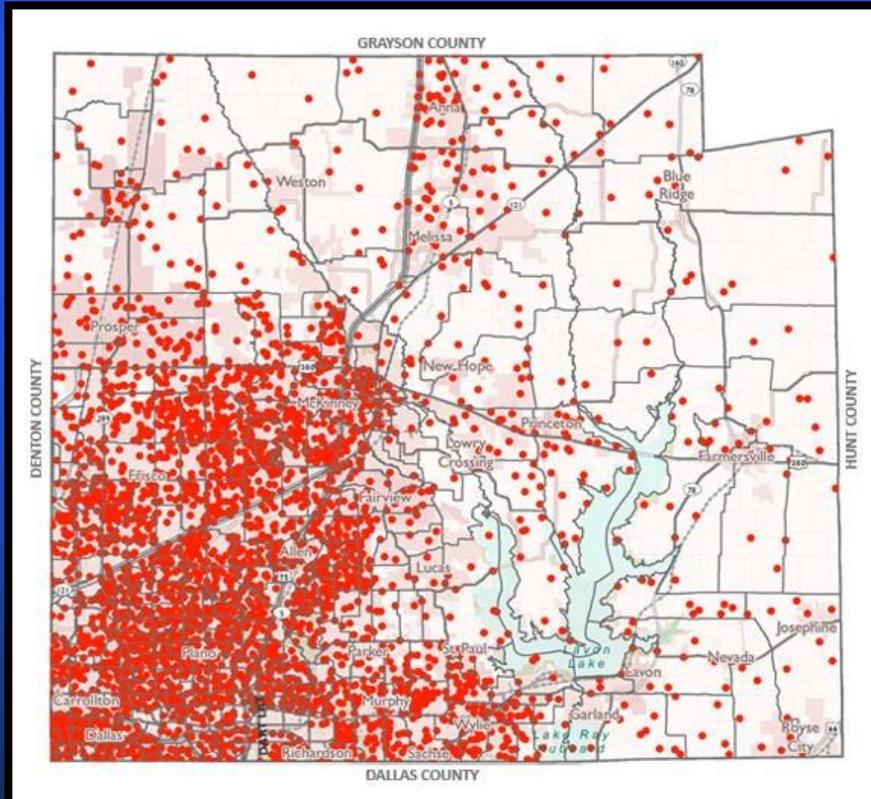
Various sources indicate  
Collin County will be over  
**3,000,000** population  
when we are fully developed



# 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

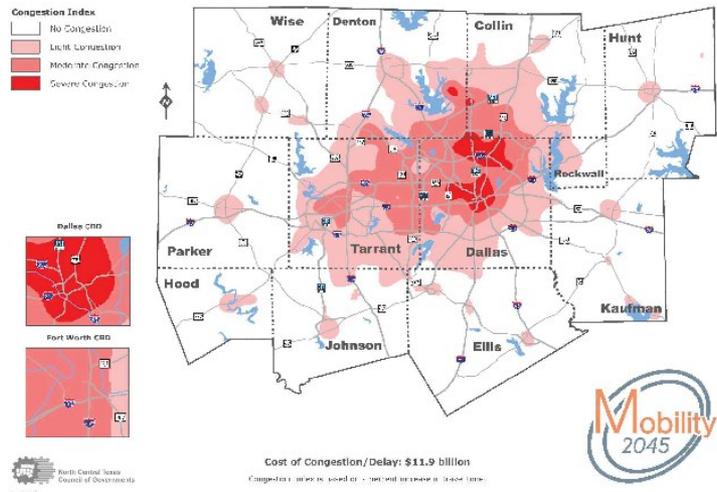


# Our County's Congestion

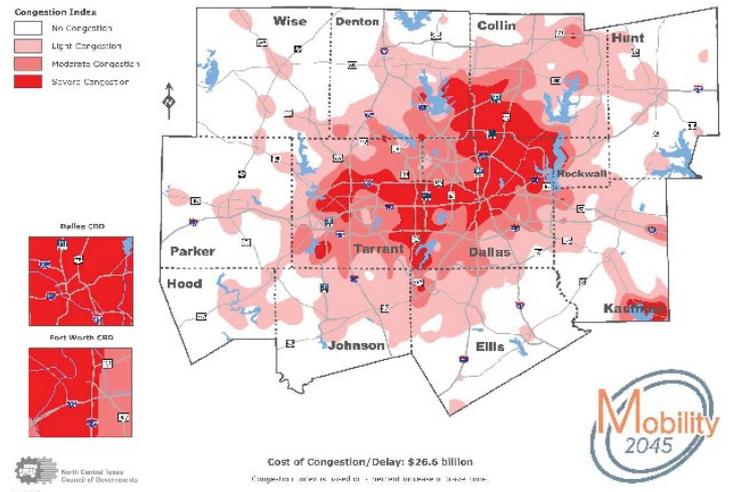
2018

2045

2018 Levels of Congestion/Delay



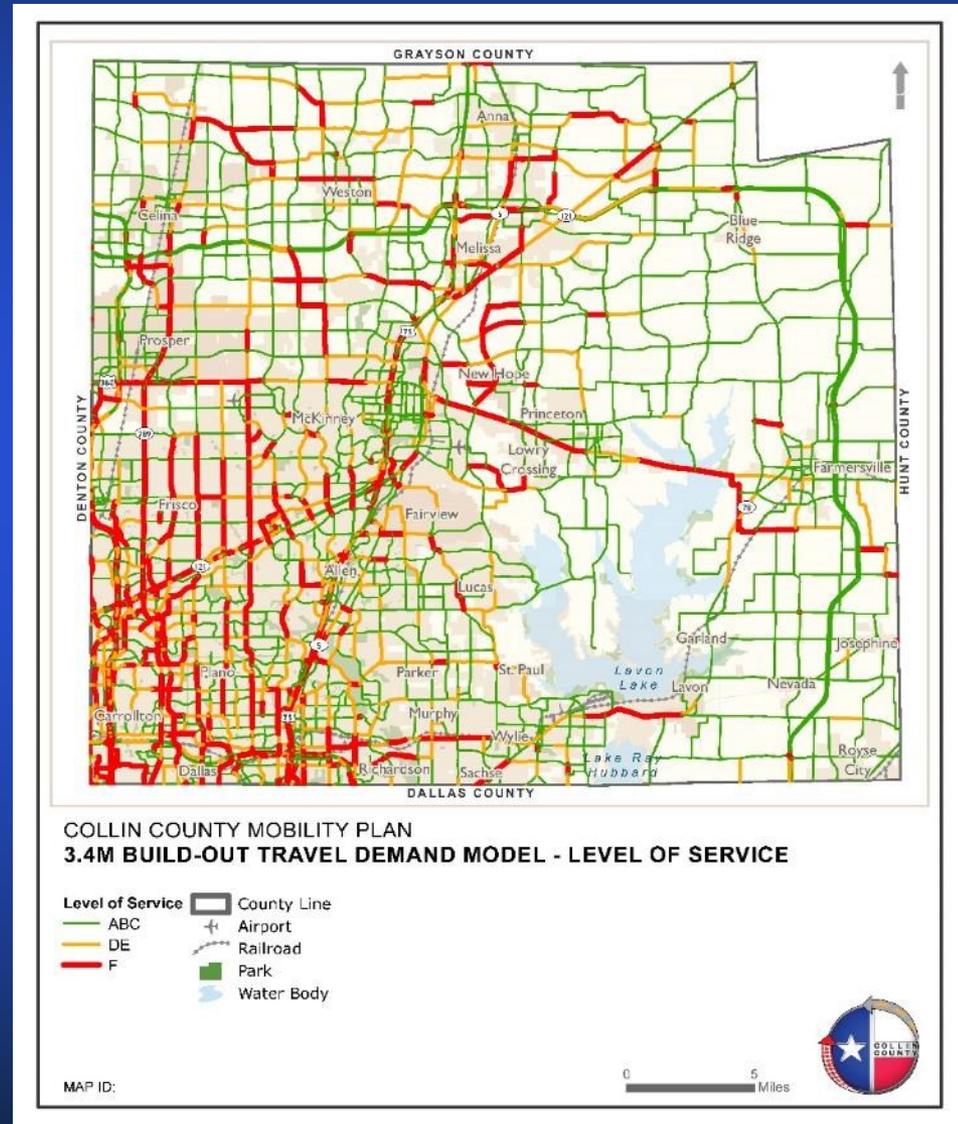
2045 Levels of Congestion/Delay





# 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

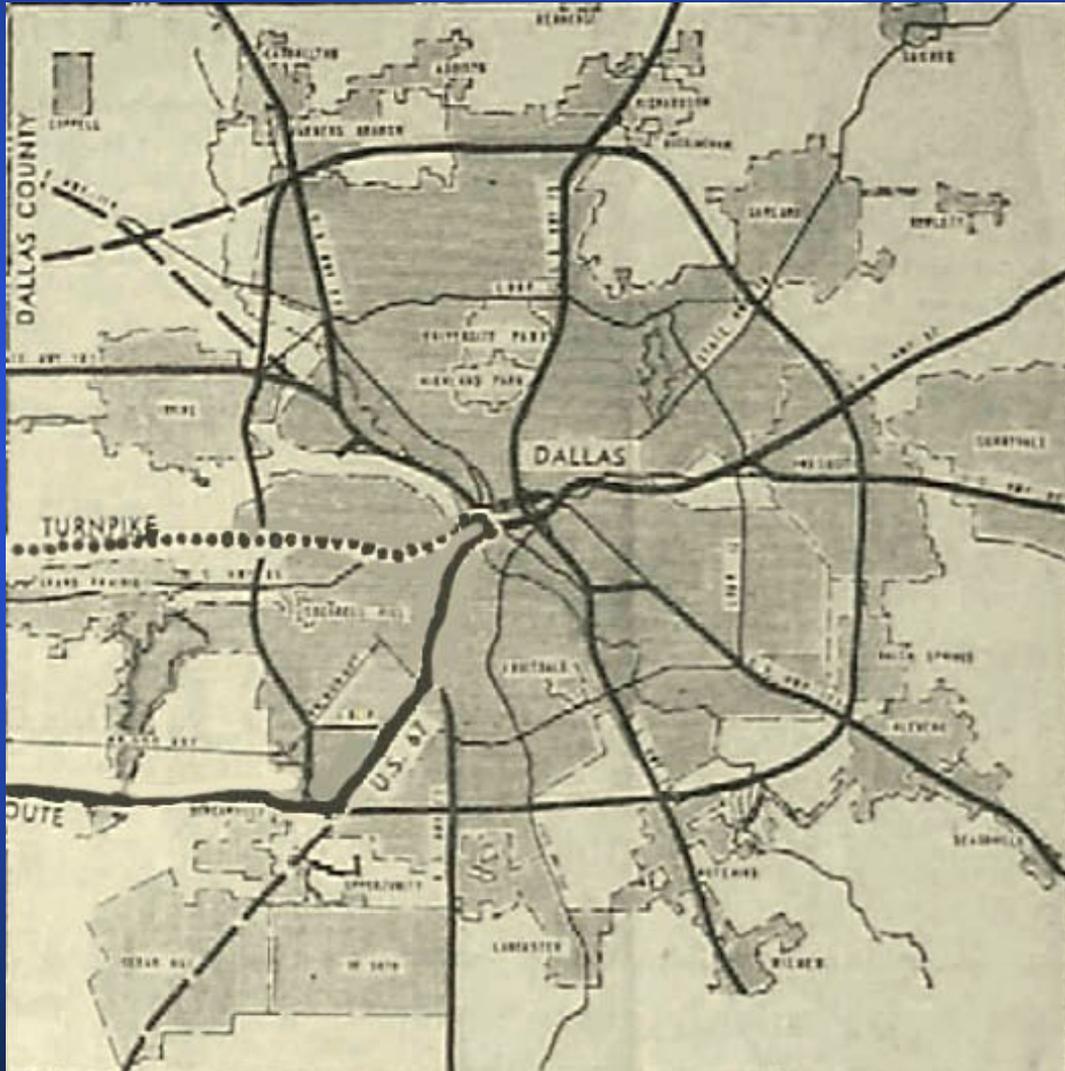


# County System Development

New Freeways ?



# Freeway Comparison



## Dallas Co. Population

1950: 614,799

1957: 850,508 est.

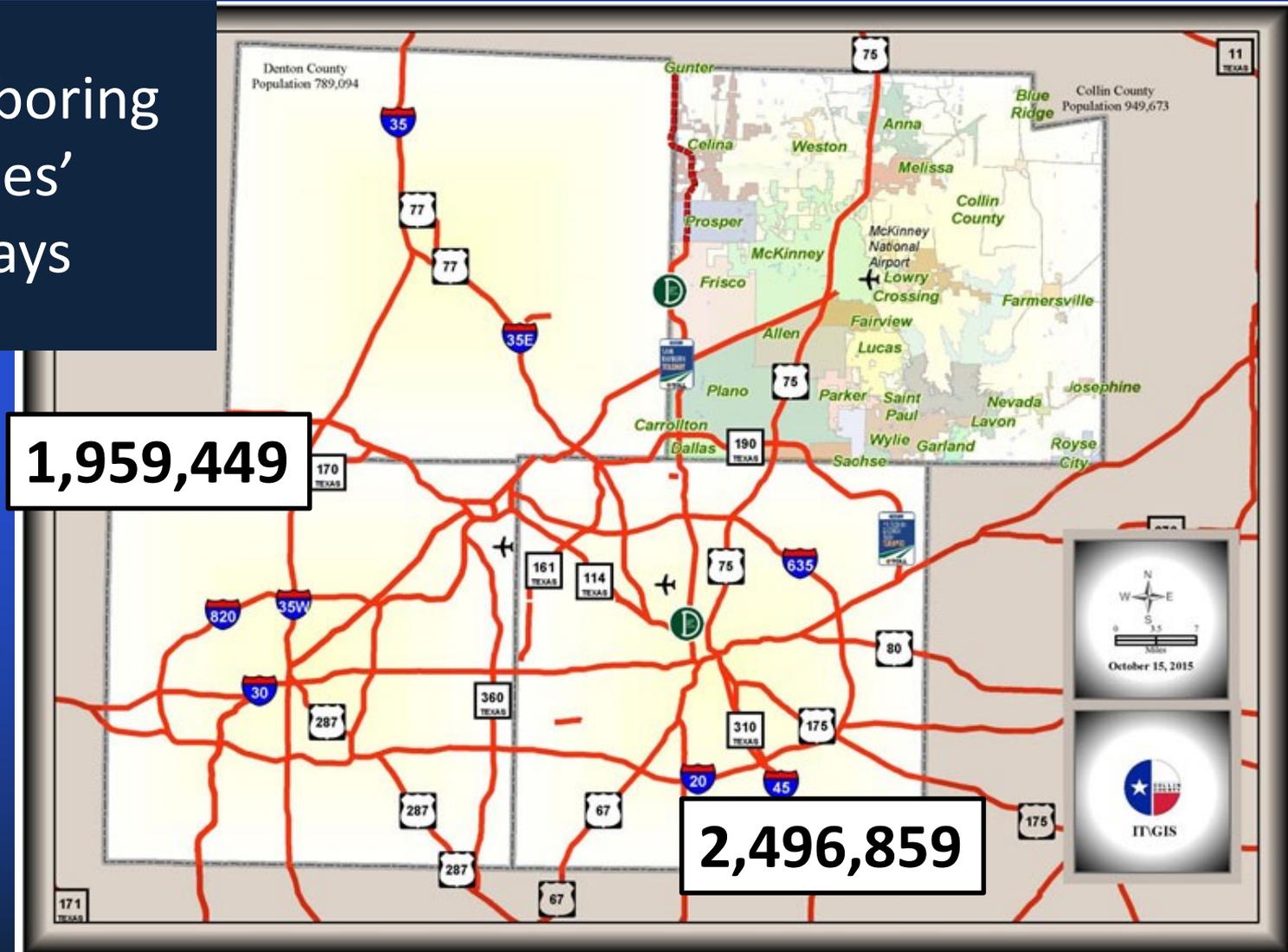
1960: 951,527

From  
*The Dallas Morning News*  
July 2, 1957



# Freeway Comparison

Neighboring counties' freeways



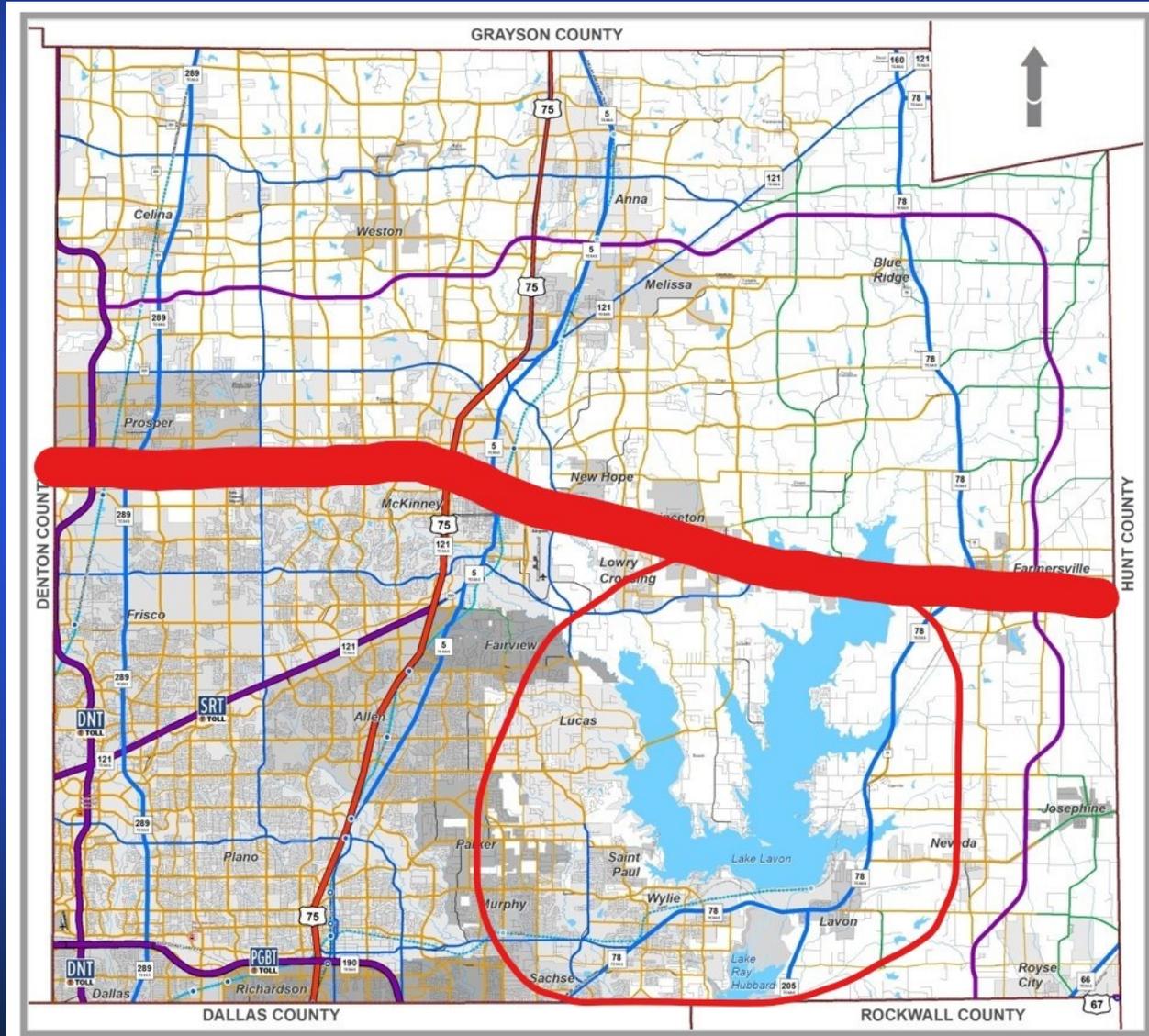




# New Freeways

In 2000, the Court added the Outer Loop

In 2016, the Court determined that relief must be provided to US 380 and the SE part of the County, around SH 78

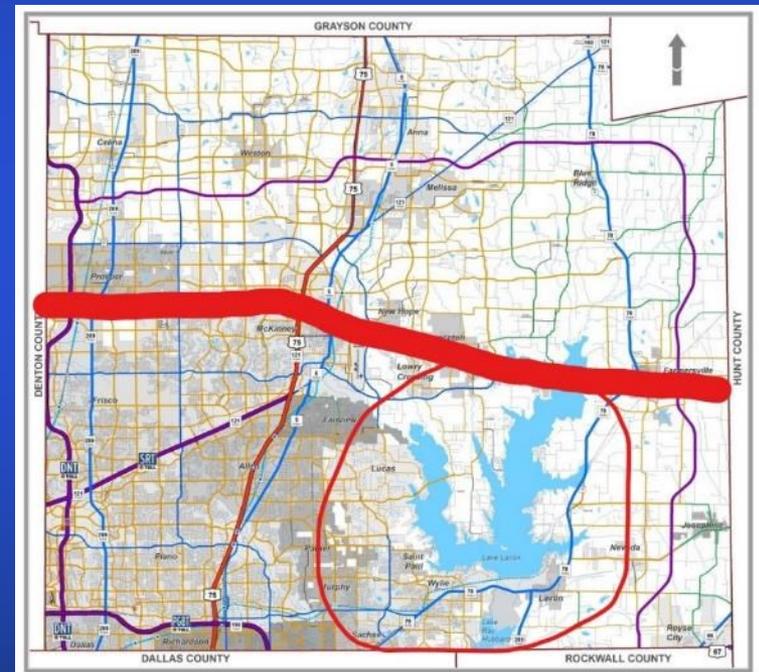




# New Freeways

Preliminary studies indicate future gridlock will only be relieved by construction of freeways:

- On US 380
- In SE Collin Co





# 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



# 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 **non-tolled** freeways consist of:

- Collin County Outer Loop
- US 380 Corridor
- Southeast Collin County



# 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

Bond Money Disbursement  
2019-2023

2018

Pre-construction Tasks  
2019 - 2023

Construction  
2024 - 2035

2036



# 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>

