

# NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS: REGIONAL RESILIENCY

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# WHAT IS NCTCOG

A voluntary association of local governments established in 1966

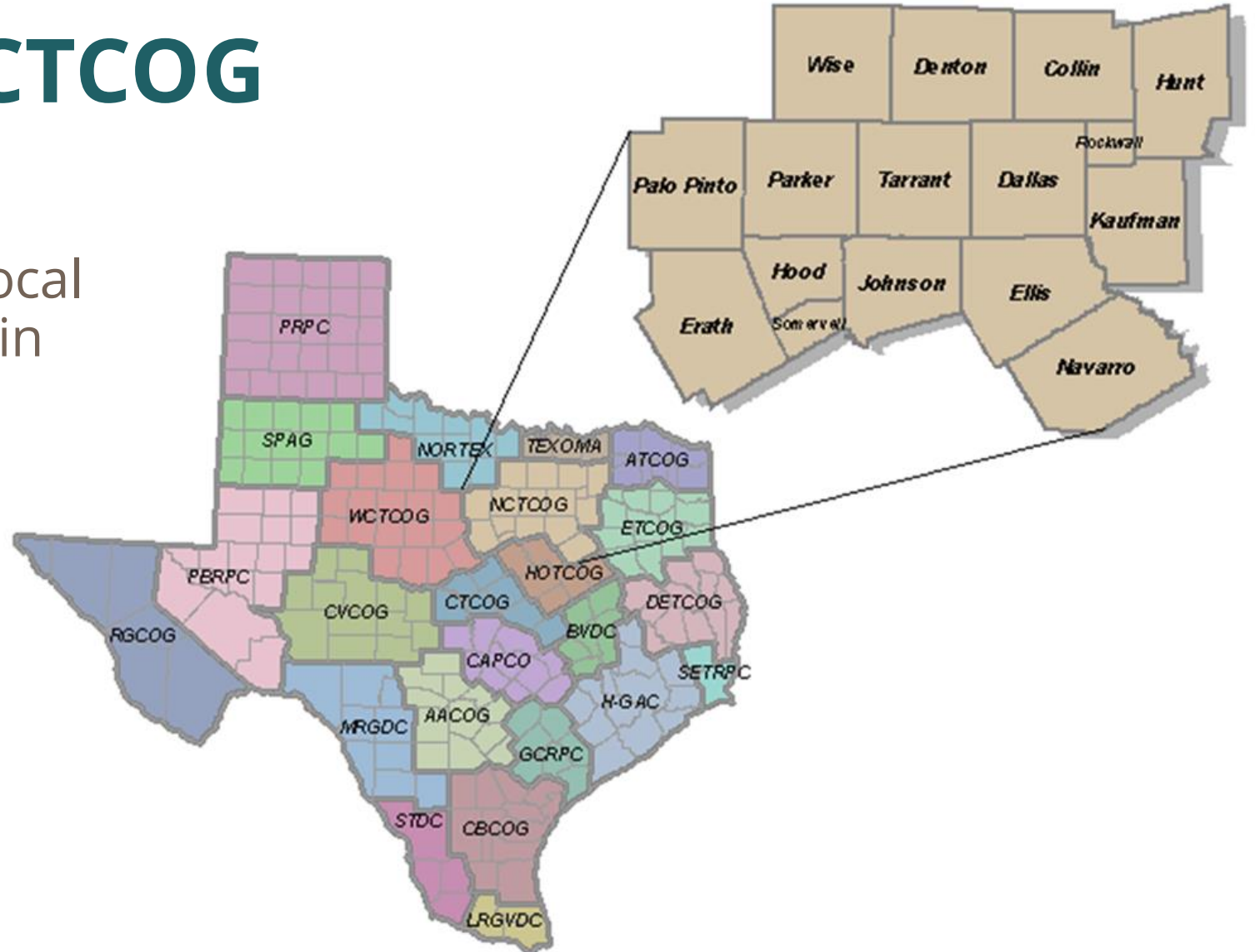
228 member governments, including:

16 counties

169 cities

19 school districts

24 special districts



# WHAT DOES NCTCOG DO?

## Primary Tasks

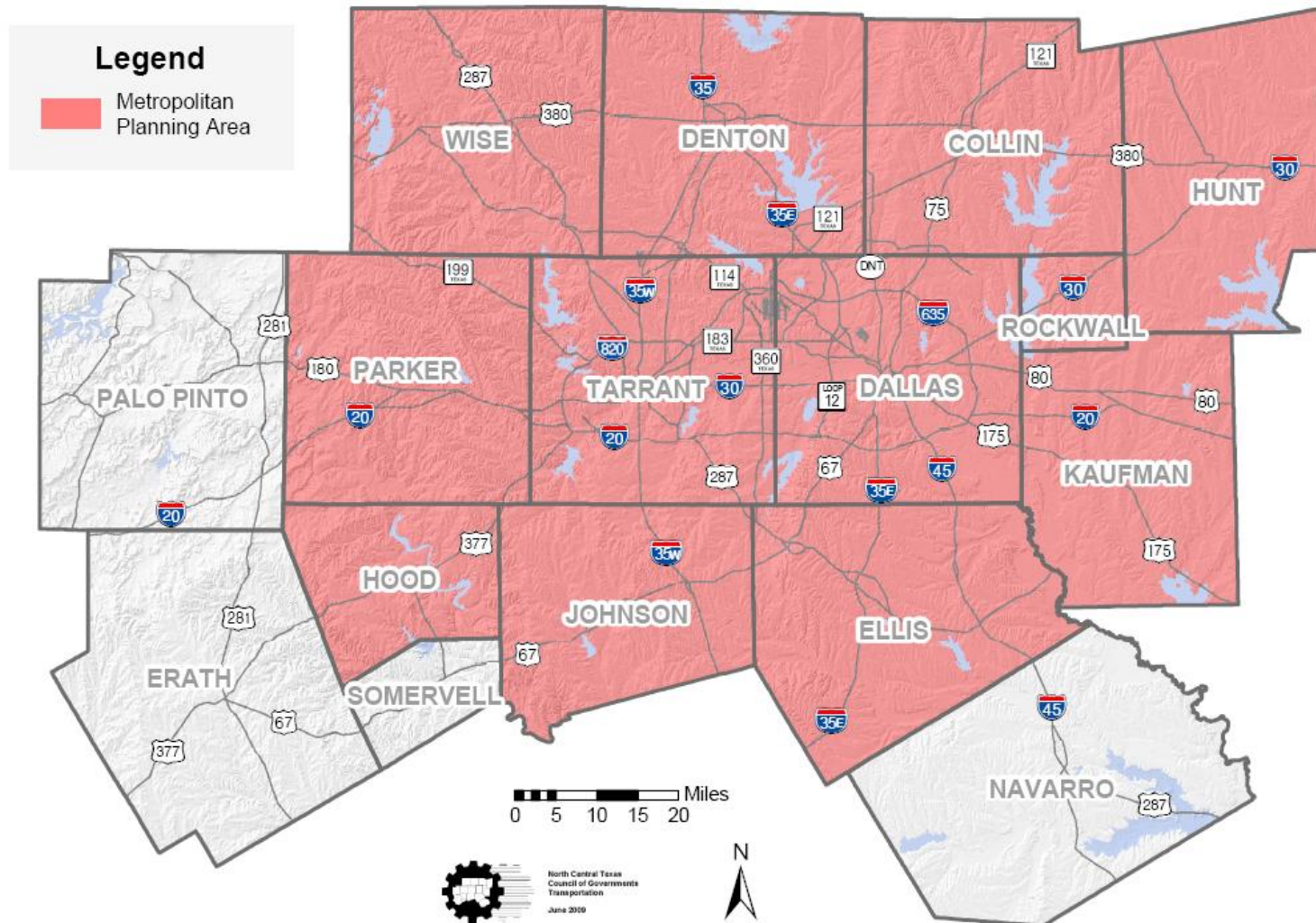
Strengthens individual and collective power of local governments by recognizing regional opportunities, eliminating duplication, and making joint decisions

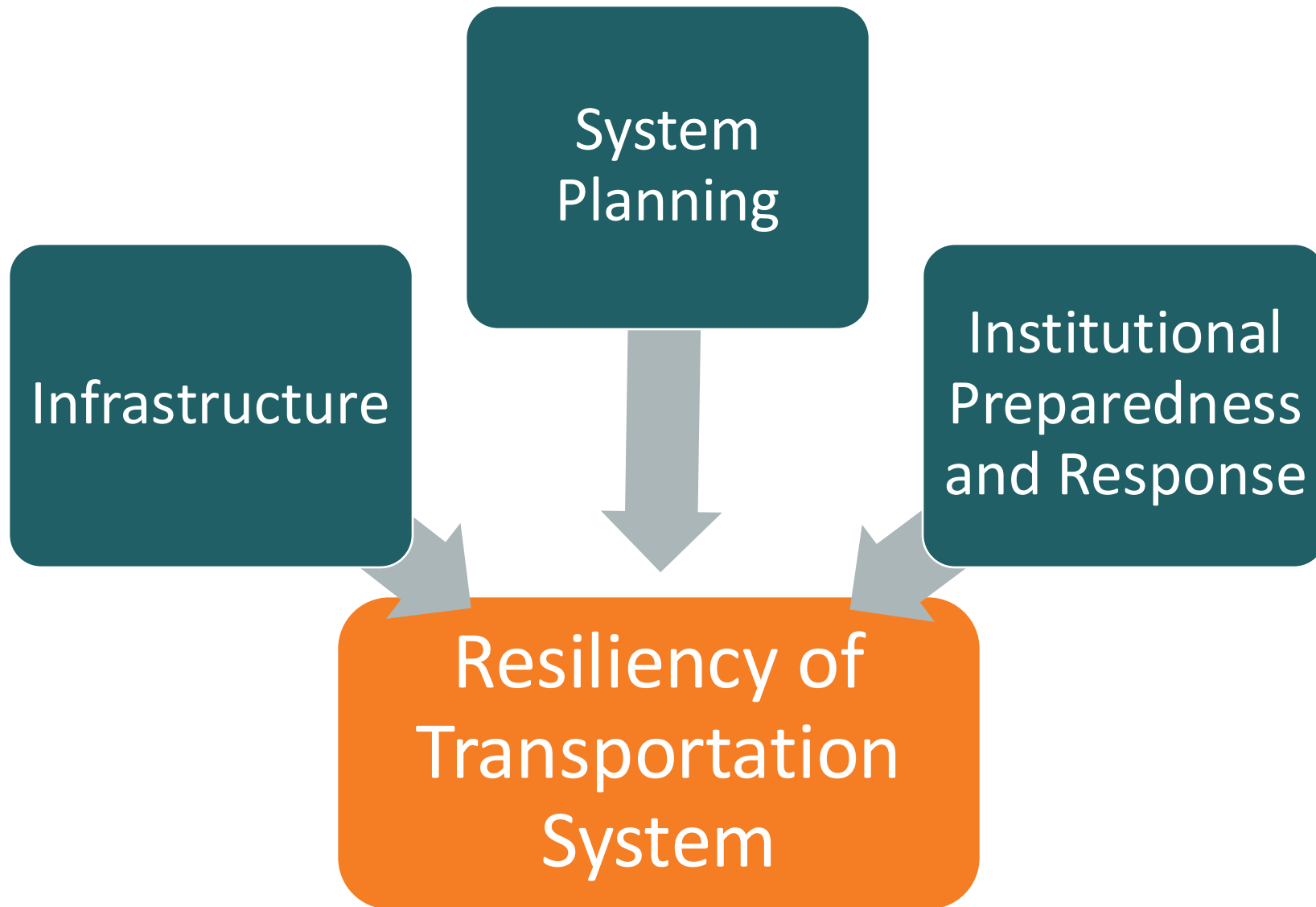
Assists local governments in planning for common needs, cooperating for mutual benefit, and coordinating for sound regional development

## Departments

- Aging Services
- Economic Development
- Emergency Preparedness
- Environment & Development
- NCT 9-1-1
- Public Safety
- Regional Data
- Transportation
- Workforce Solutions

# DALLAS-FORT WORTH METROPOLITAN PLANNING AREA



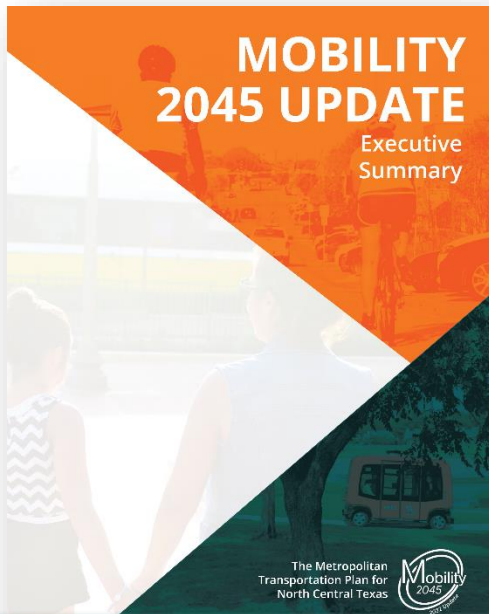




# RESILIENCY OF TRANSPORTATION SYSTEM

- System Planning
  - Long-range Transportation Plan – Mobility Plan
  - Integrated Transportation and Stormwater Management Initiative (TSI) Study
- Infrastructure
  - Asset Management
  - Asset Optimization
- Institutional Preparedness and Response
  - Partners
  - Emergency Preparedness Department
  - Congestion Management and Operations

# MOBILITY 2045 UPDATE



Adopted by the  
Regional  
Transportation  
Council on June 9,  
2022



Represents a blueprint for the region's multimodal transportation system for all users



Covers at least a 20-year timeframe



Responds to region's goals






Identifies policies, programs, and projects for continued development consistent with federal/state air quality goals



Guides the expenditure of federal and state funds, demonstrates financial constraint

# PLANNING APPROACH AND FINANCIAL PLAN

## MAXIMIZE EXISTING SYSTEM

 <b>Infrastructure Maintenance</b> Maintain and operate existing transit and roadway facilities	<b>\$42.8 B</b>
 <b>Management and Operations</b> Improve efficiency and remove trips from system	<b>\$9.6 B</b>
 <b>Growth, Development, and Land Use Strategies</b> Improve transportation and land use balance	<b>\$1.5 B</b>

## STRATEGIC INFRASTRUCTURE INVESTMENT

 <b>Rail and Bus</b> Encourage switch to transit	<b>\$44.9 B</b>
 <b>HOV/Managed Lanes</b> Increase auto occupancy	<b>\$49.5 B</b>
<b>Freeways/Tollways and Arterials</b> Add vehicle capacity	

**TOTAL**

**\$148.3 B**

## Financial Requirements

- Financial Constraint
- Reasonably expected sources of revenue
- Year-of-expenditure dollars
- Balance priorities with available revenues



# FOCUS ON SYSTEMWIDE RELIABILITY



Complete Streets



Transit



Street Grid/Freeways



Toll Managed Lane System



High-Speed Rail



Leverage emerging technologies



Overlap modes to create options and reliability



Diversify and create fail-safes



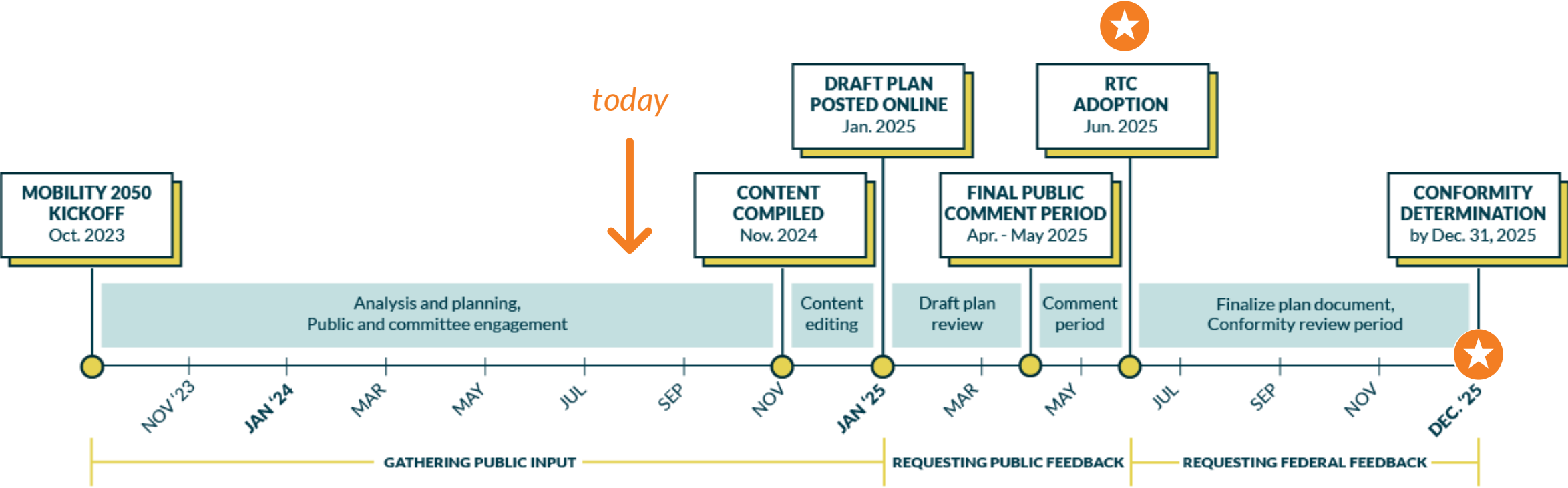
Mitigate pressures: fuel cost, resource availability, grid capacity, weather

Reliability



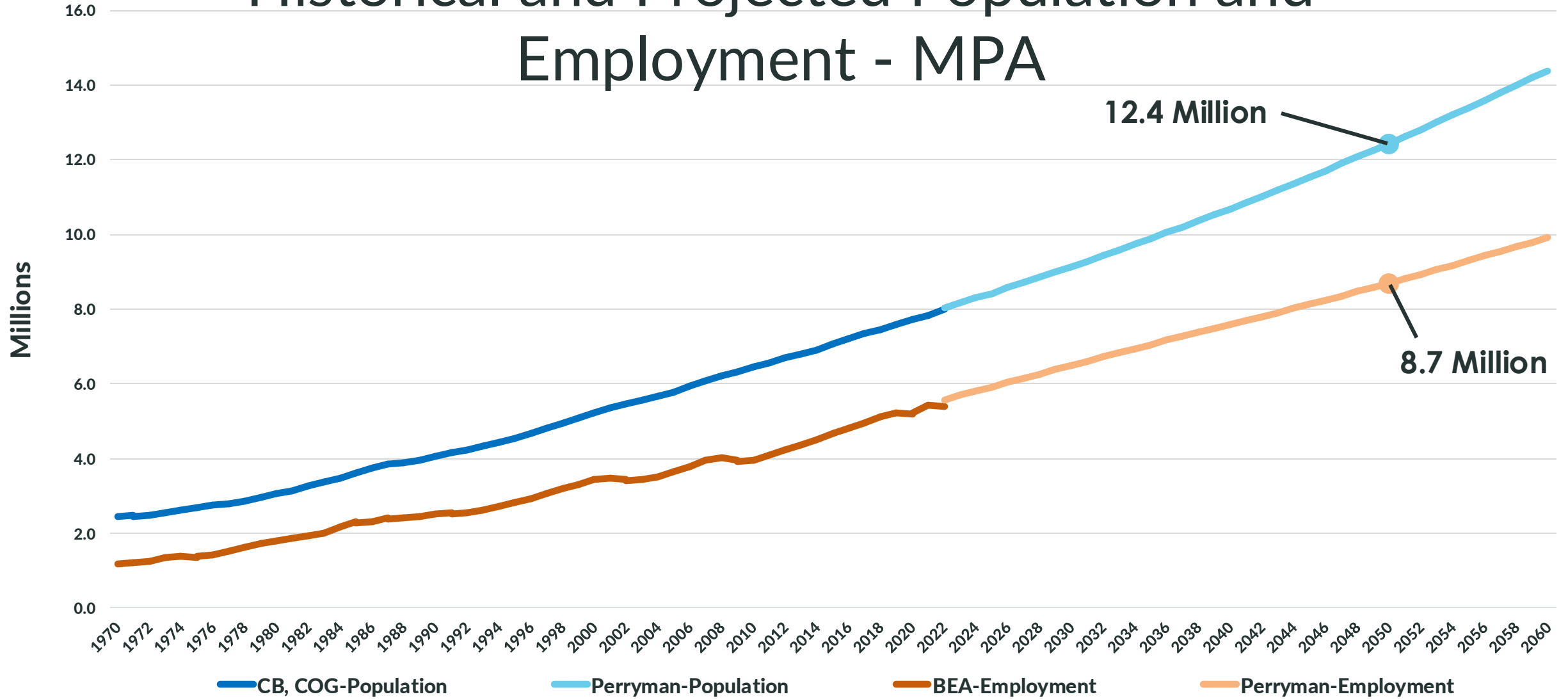
Resiliency

# MOBILITY 2050 TIMELINE



★ Key driver for Mobility 2050 schedule:  
End of 20-year horizon for 2045 by the end of 2025

# Historical and Projected Population and Employment - MPA








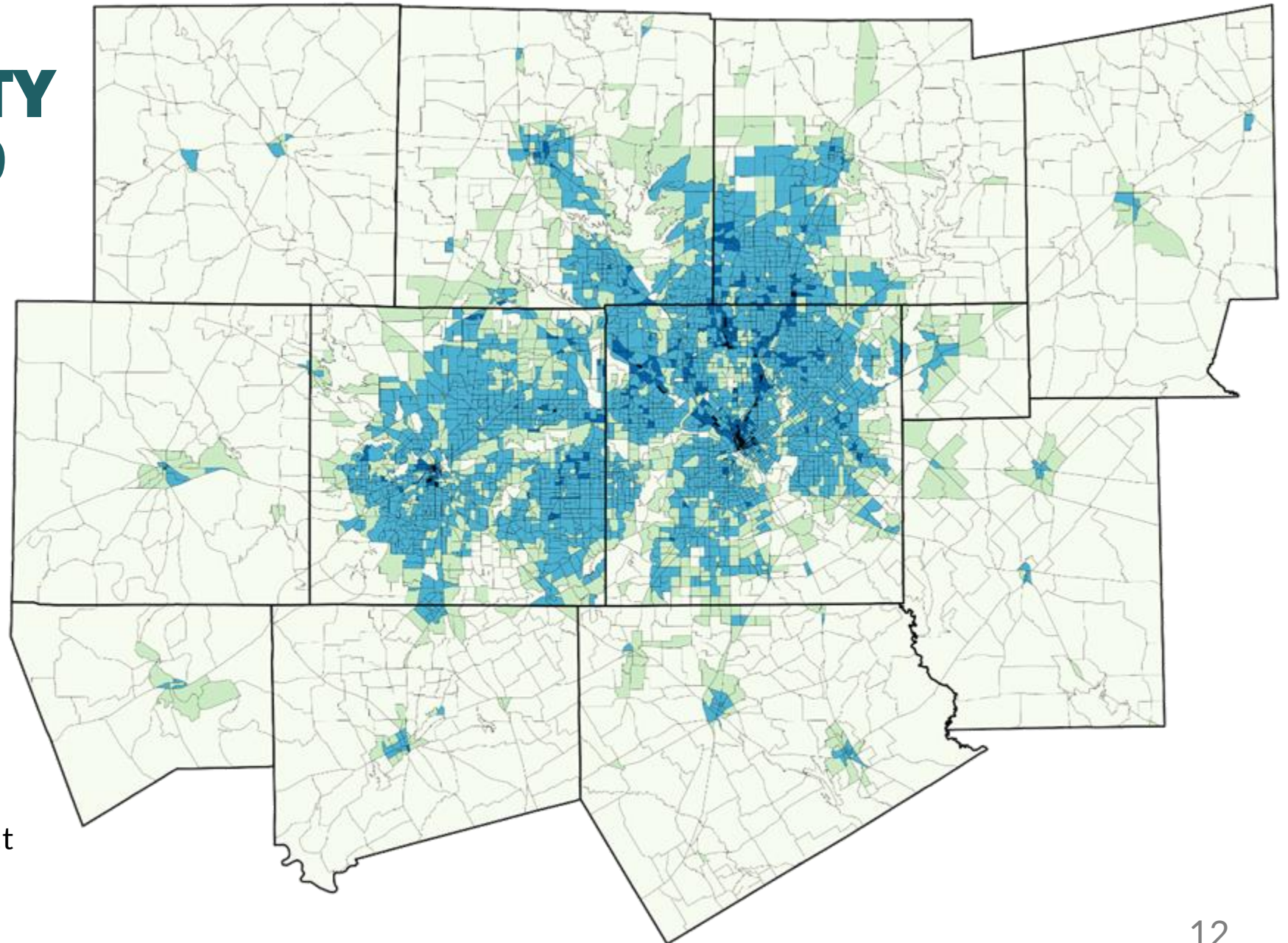
Source: US Census Bureau, Bureau of Economic Analysis, The Perryman Group, NCTCOG

# TOTAL ACTIVITY IN 2019

## Area Type

(based on: Total Activity  
Per Square Mile)

-  Rural
-  Suburban Residential
-  Urban Residential
-  Outer Business District
-  Central Business District








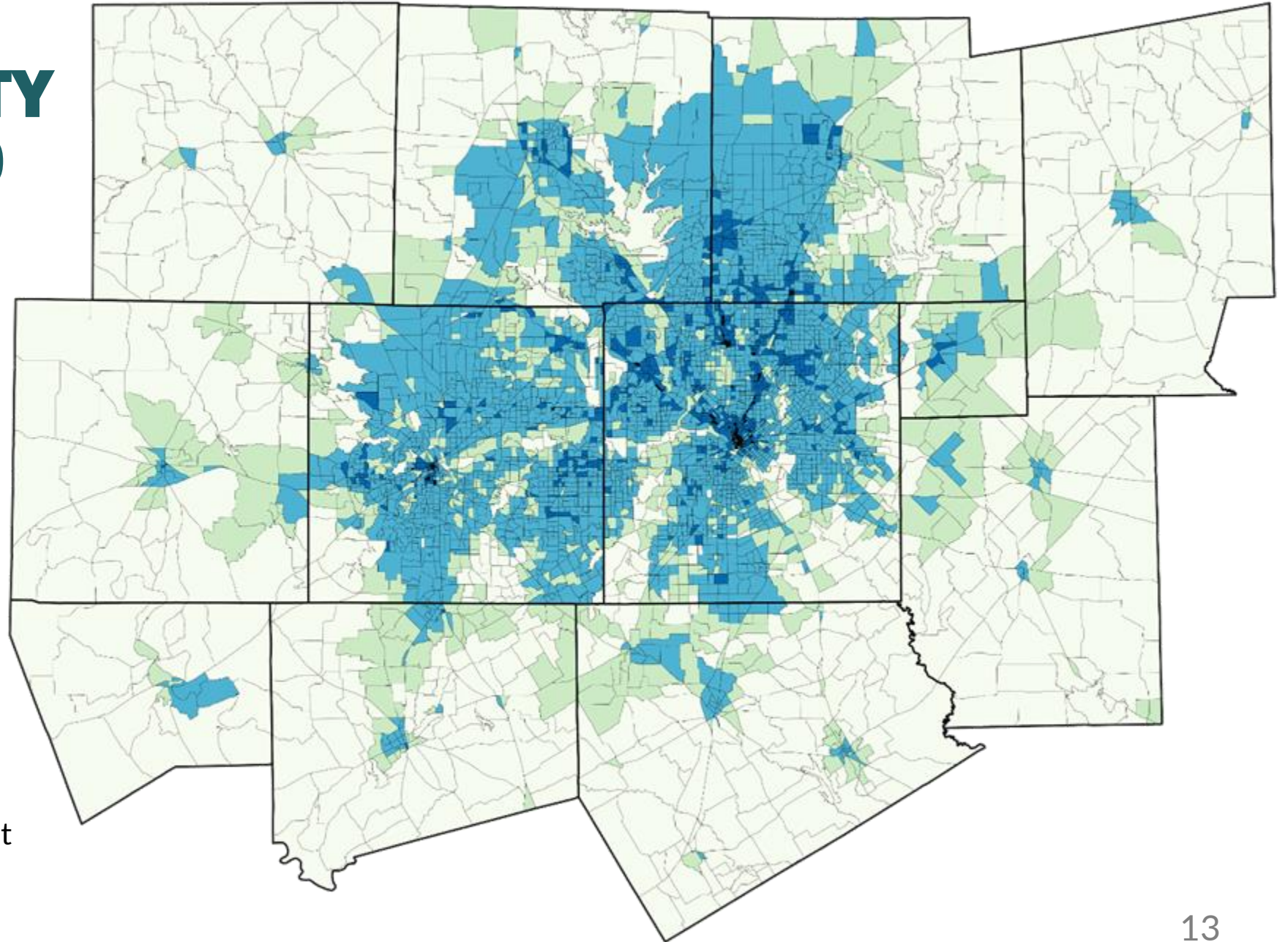
# TOTAL ACTIVITY IN 2050

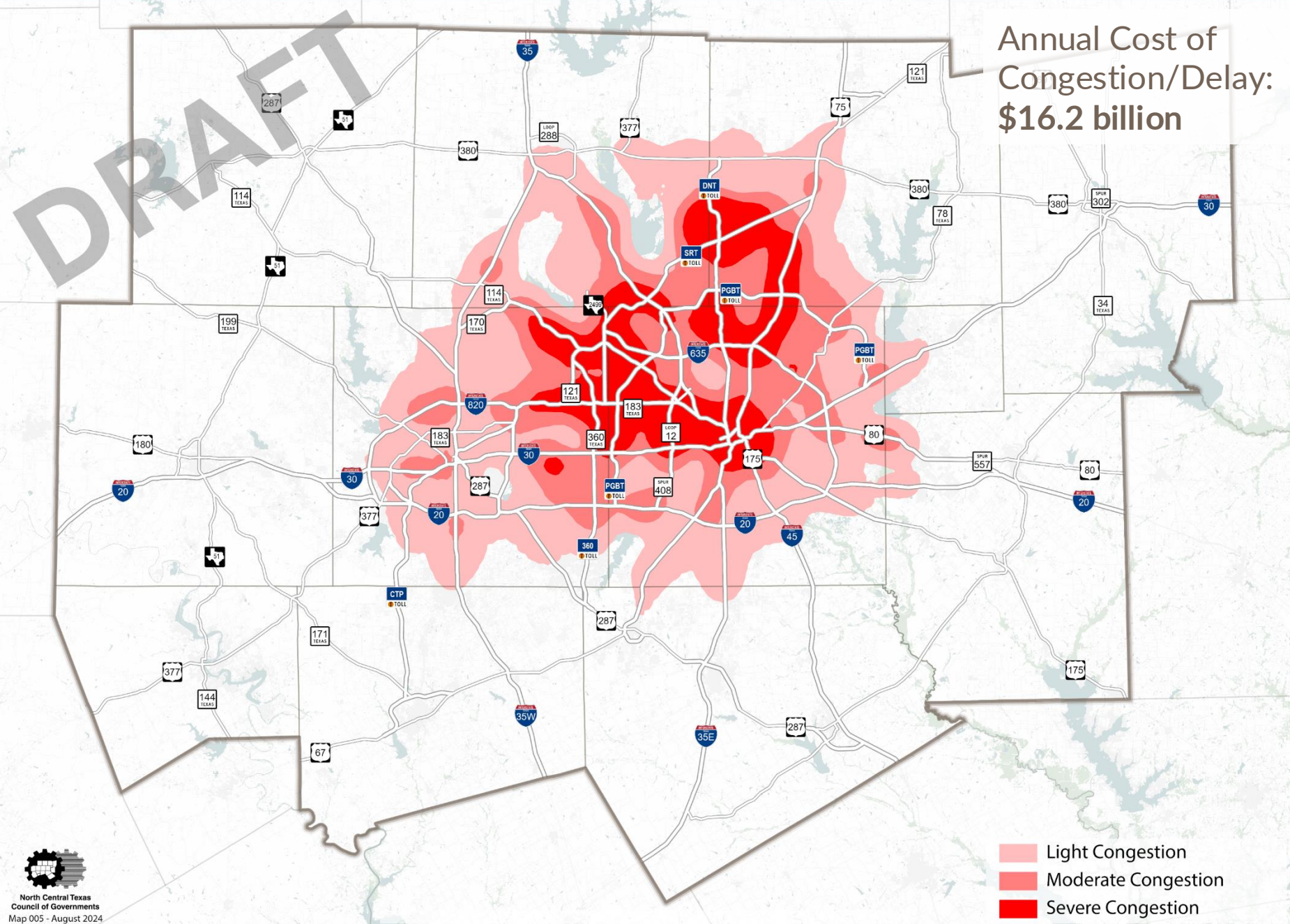
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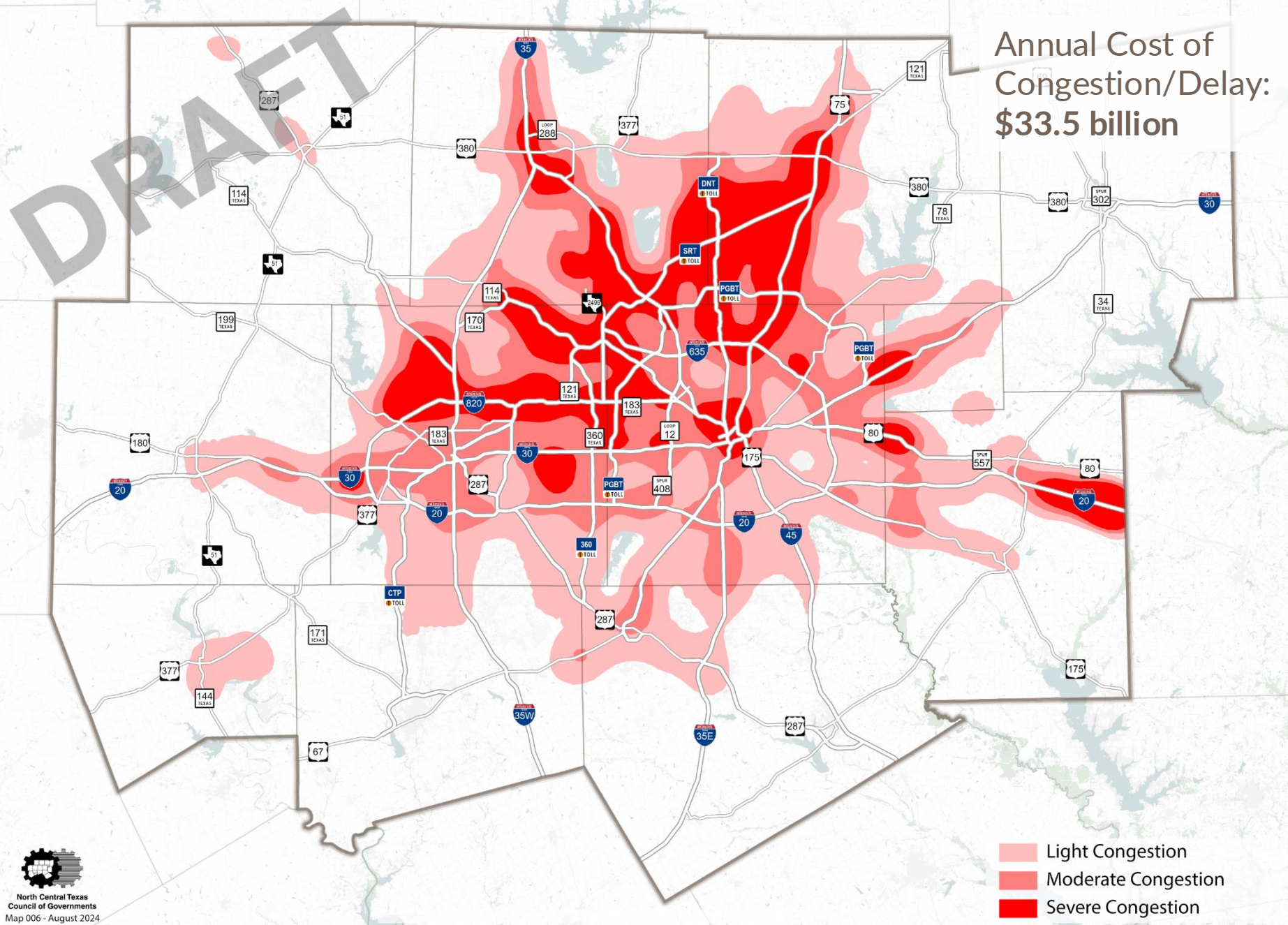
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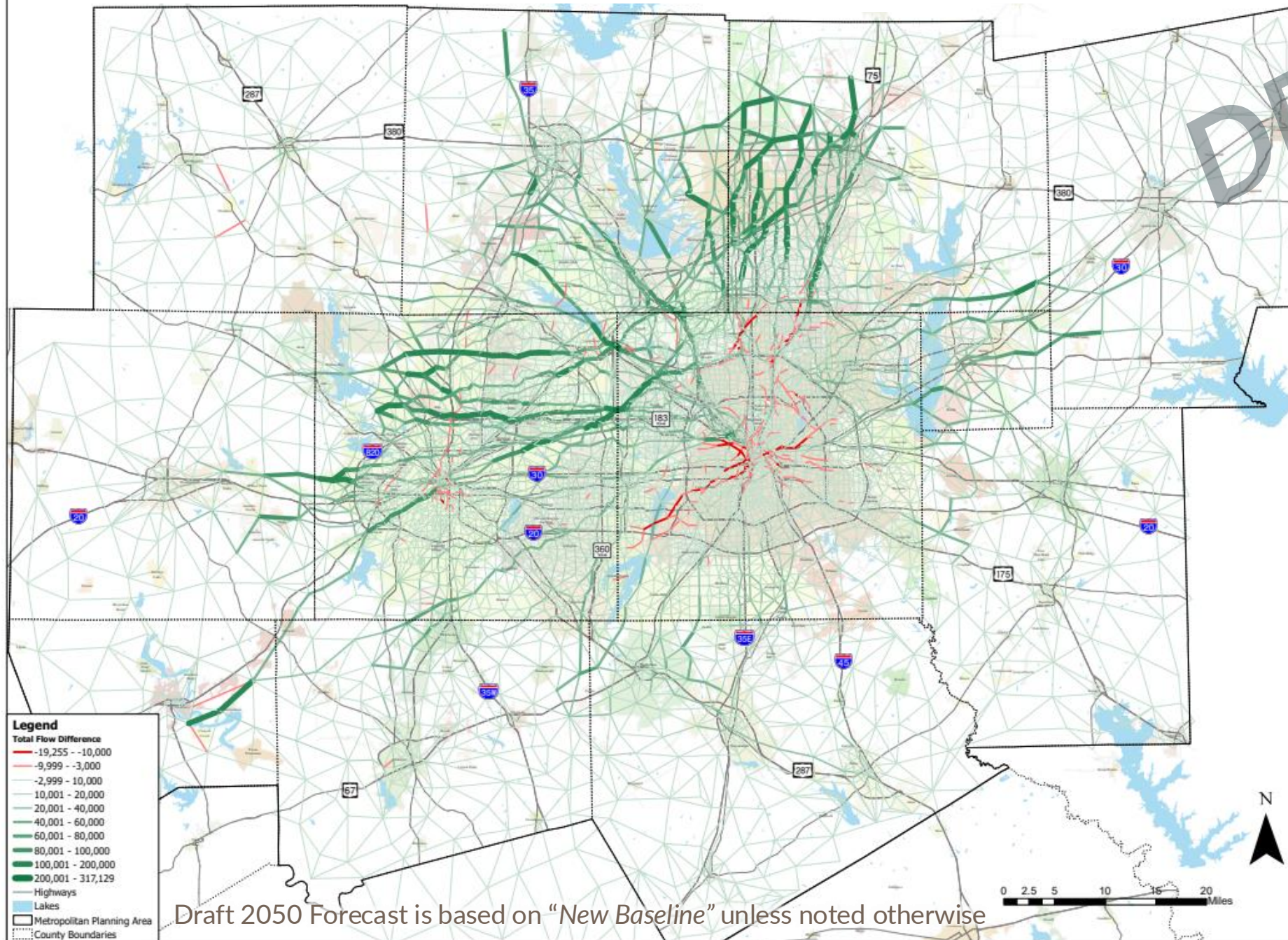
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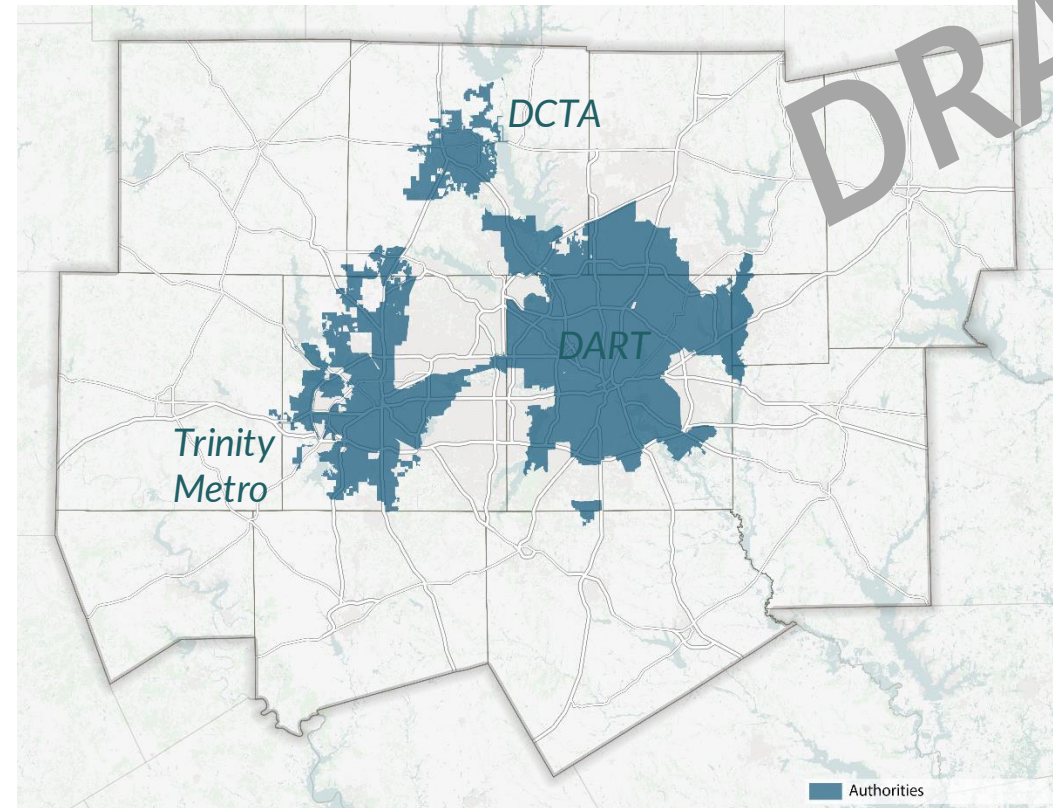
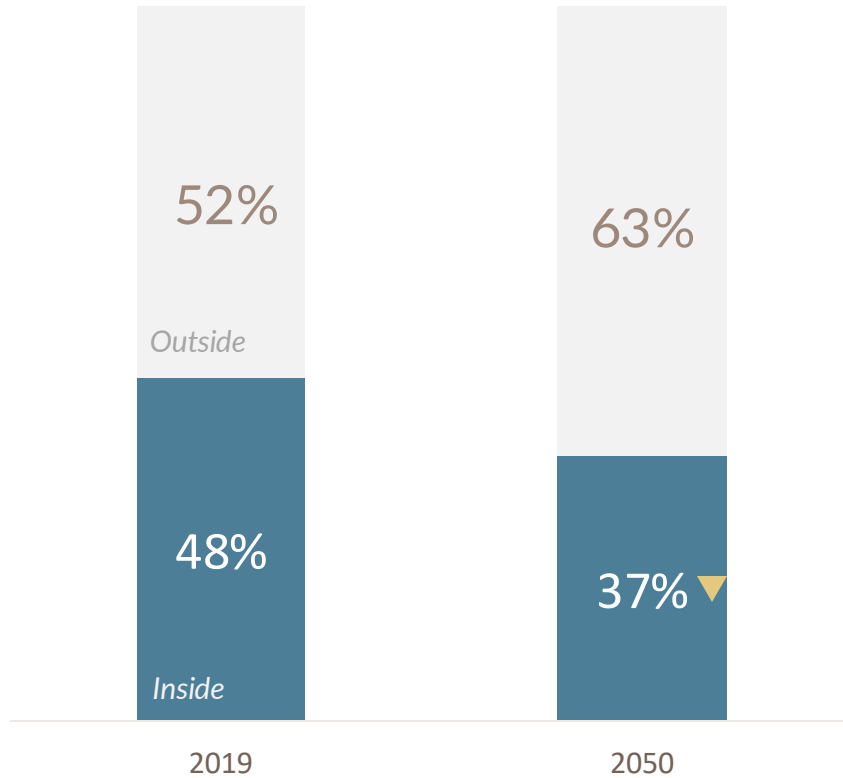
# Difference in Demand Flow Currents (Only Added Trips by 2050)



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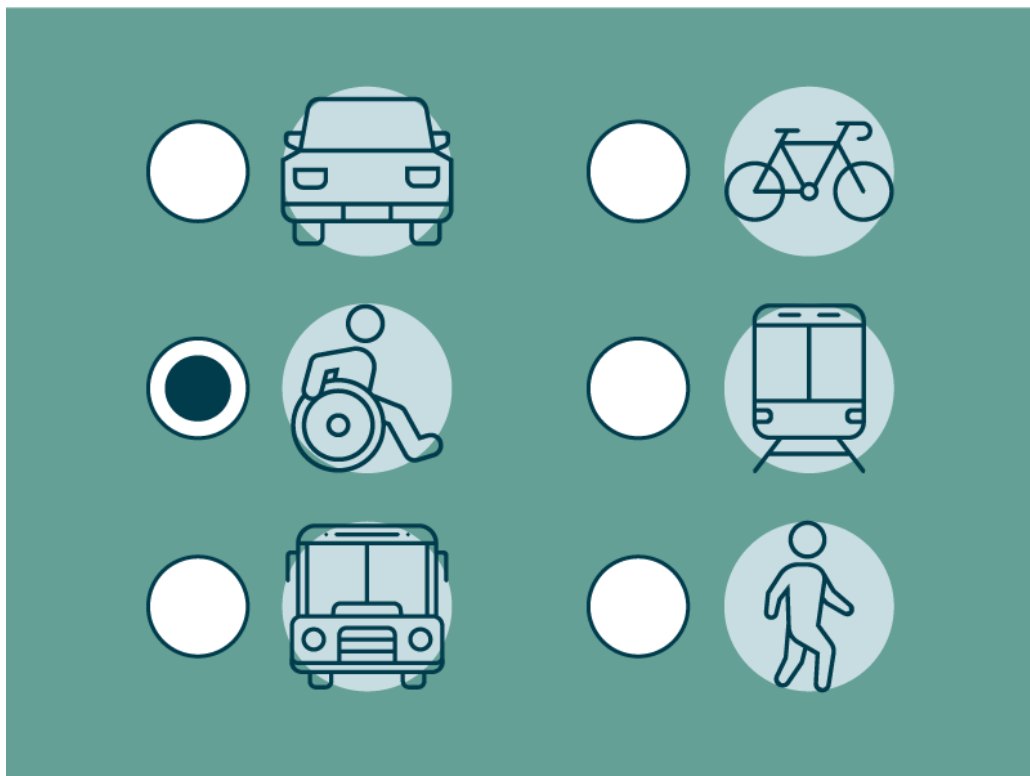


# THE POPULATION LIVING INSIDE A TRANSIT AUTHORITY SERVICE AREA IS EXPECTED TO FALL FROM 48% IN 2019 TO ONLY 37% BY 2050



# PLEASE SHARE: THERE IS STILL TIME TO PROVIDE INPUT AT [WWW.NCTCOG.ORG/M50](http://WWW.NCTCOG.ORG/M50)

Take the Survey/Opinion Poll



Map Your Experience



# EMERGING POLICY PRIORITIES

## *What is not changing?*

- Continuity of projects over long project development cycles
- Goal themes remain in sync with overall public and policy priority
- Building resilience into system planning

## *What are items to examine?*

- How to generate infill development/density
- Transit 2.0 guidance for policies to support transit system strategy
- Safety as a priority, including performance measures, modal safety issues and strategies
- Funding and cost of implementing projects

# CONTACT



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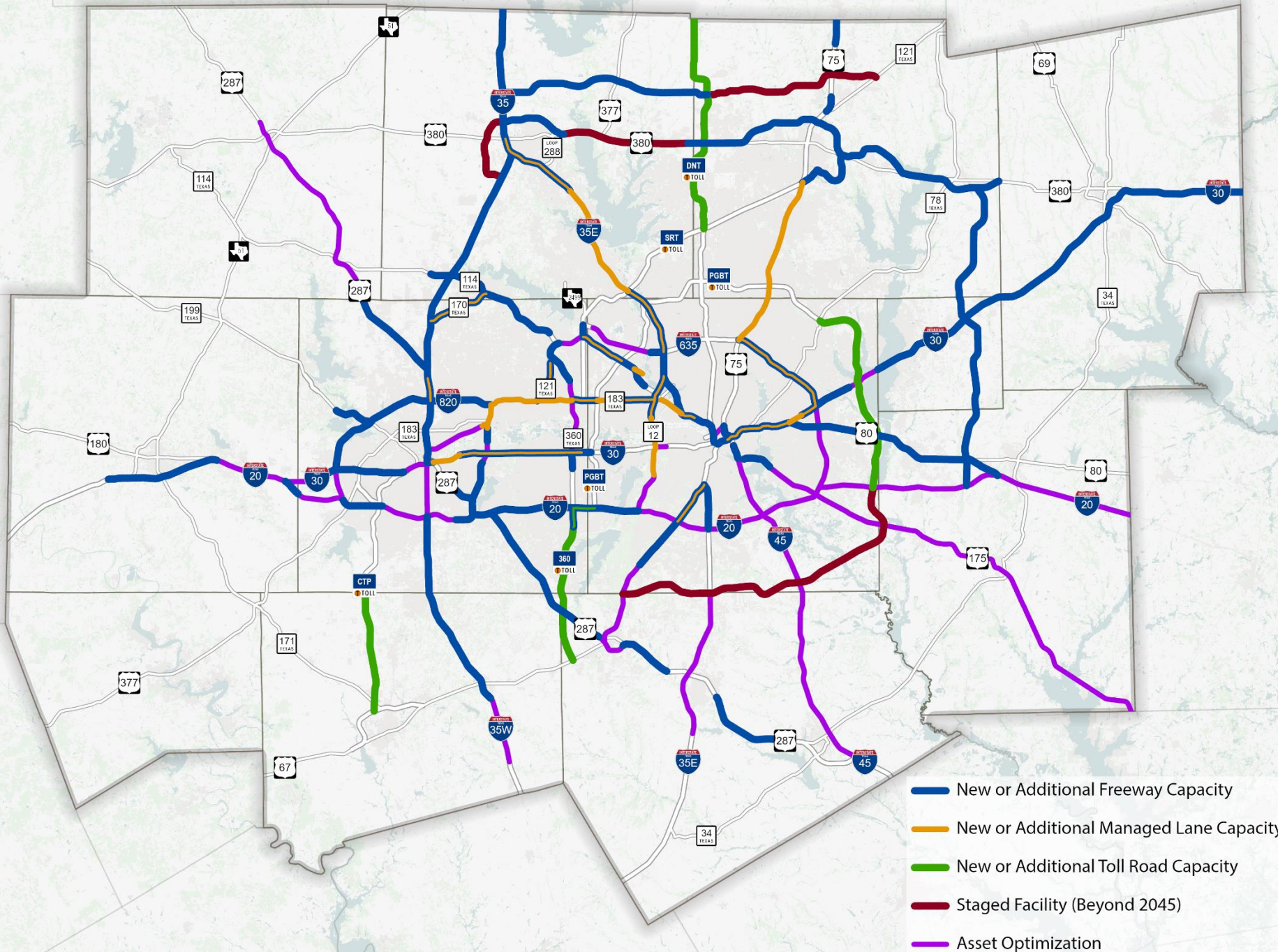
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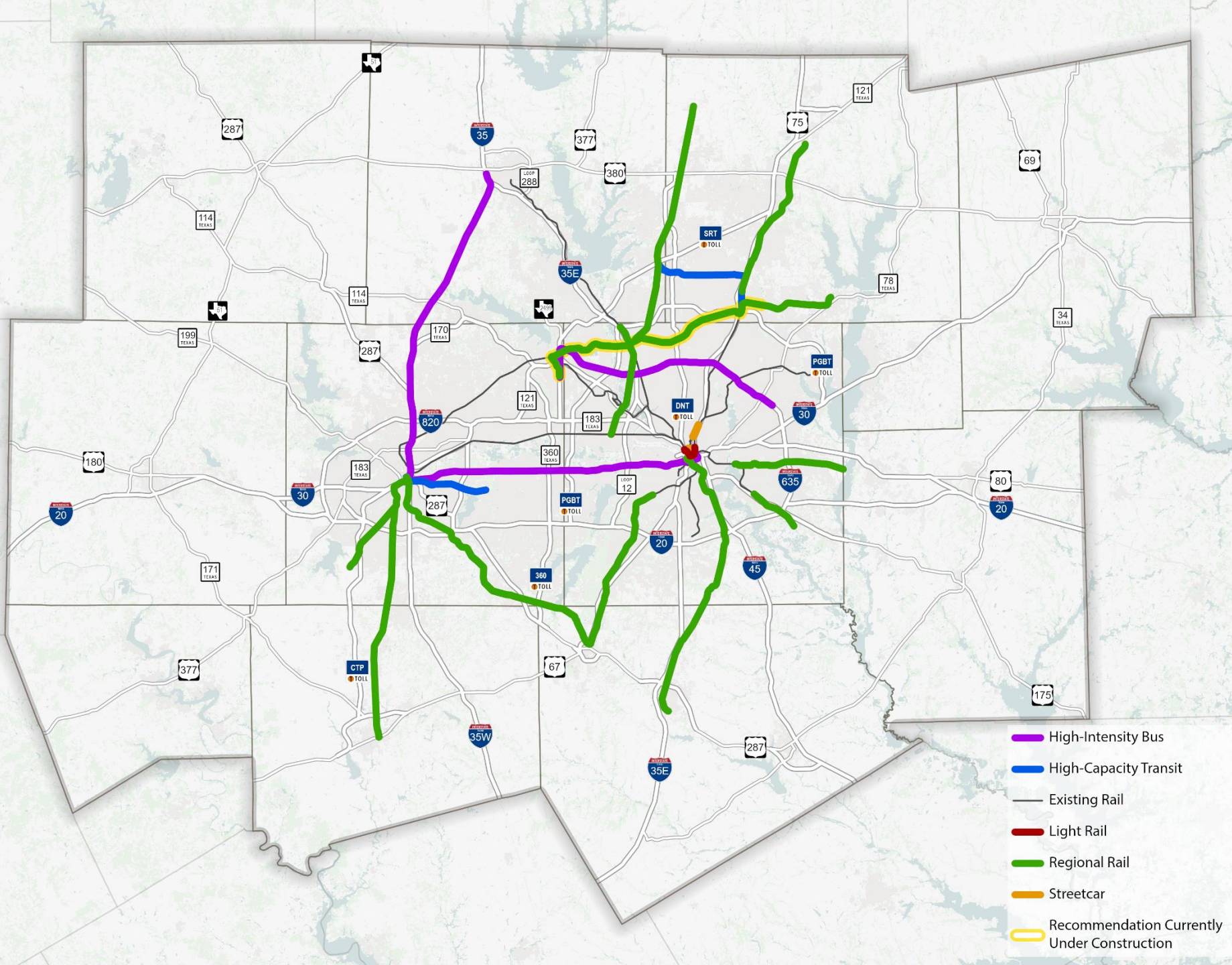
[nctcog.org/mobilityplan](https://nctcog.org/mobilityplan)



# MAJOR ROADWAY RECOMMENDATIONS



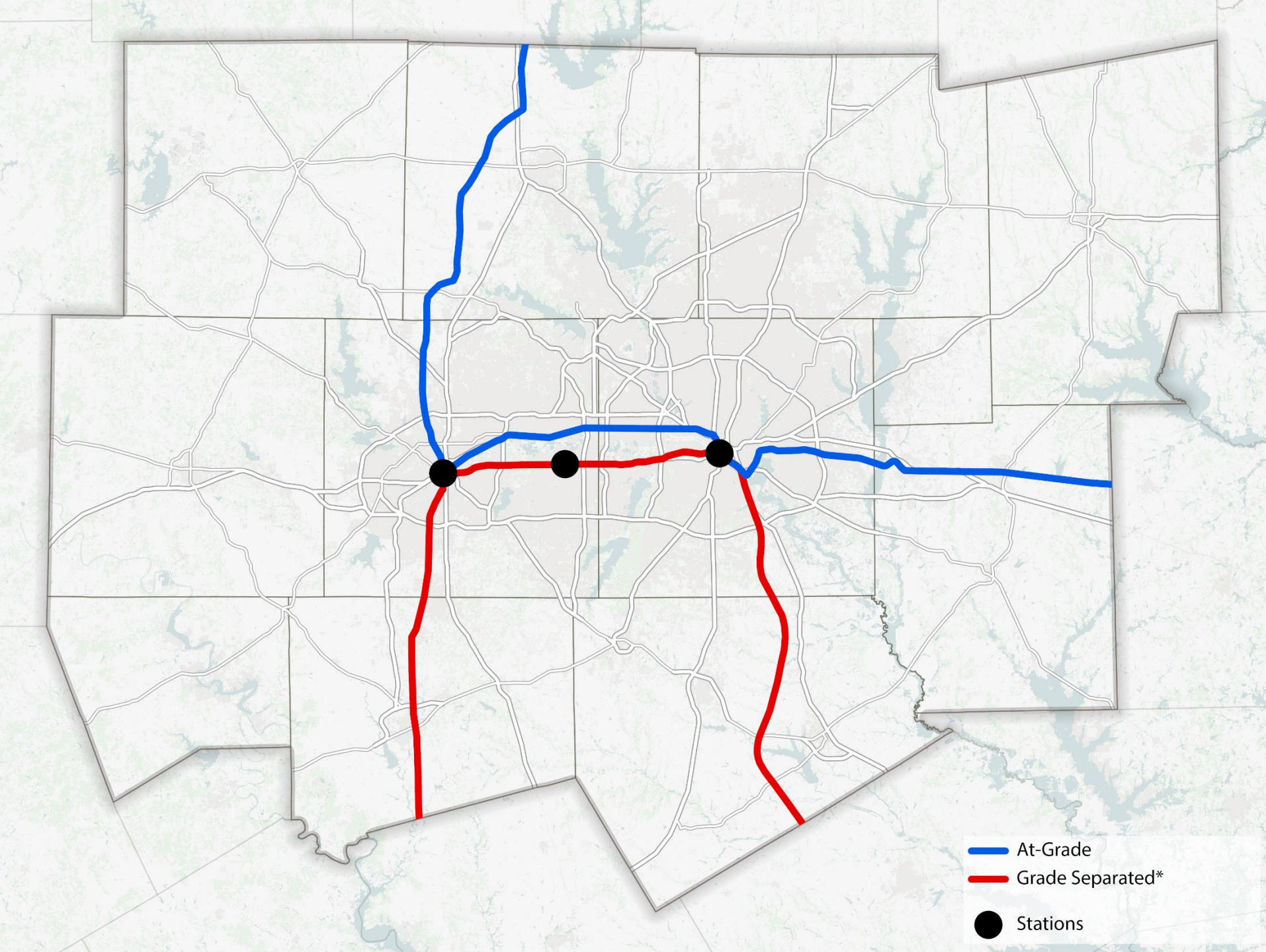
# TRANSIT RECOMMENDATIONS



# REGIONAL VELOWEB

Existing	538 Miles
Funded	131 Miles
Planned	1,496 Miles
Total	2,165 Miles

Facility recommendations indicate transportation need. Corridor-specific alignment, design, and operational characteristics for the Regional Veloweb system will be determined through ongoing project development.



## HIGH-SPEED TRANSPORTATION

SEAMLESS, CONNECTED SERVICE

"ONE-SEAT" RIDE

3 STATIONS

- 📍 FORT WORTH
- 📍 ARLINGTON
- 📍 DALLAS

- At-Grade
- Grade Separated\*
- Stations