

TRANSPORTATION AND THE BROADER METROPOLITAN REGION: HELPING MAYORS FROM ACROSS THE COUNTRY

UNITED STATES CONFERENCE OF MAYORS

Michael Morris, P.E.
Director of Transportation
North Central Texas Council of Governments

October 26, 2018

NCTCOG Regional Perspective

Population

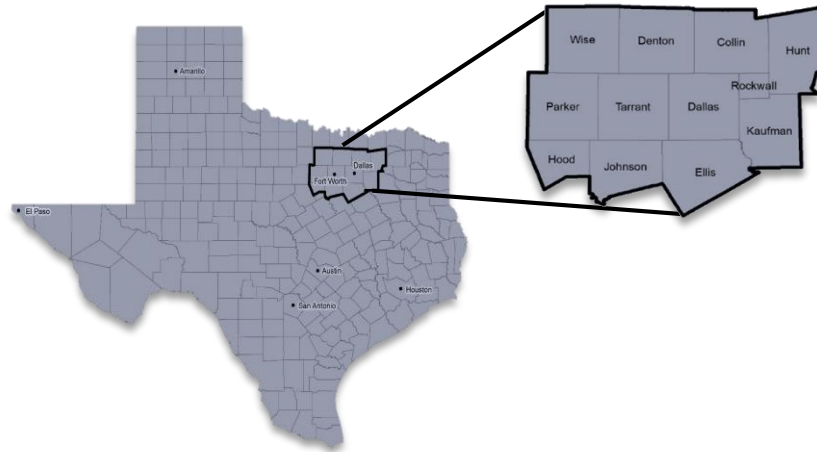
- 2017: 7.2 Million
- 2040: 10.7 Million
- 4th Largest Metropolitan Area by Population
- 1 Million People Added Per Decade Since 1960

Area

- 12 Counties
- 9,441 Square Miles
- 2nd Largest Metropolitan Planning Area by Land Area

Lane Miles

- Freeways: 4,665 in 2013 / 5,253 by 2035
- Priced Facilities: 672 in 2013 / 2,000 by 2035



Economy

- Home to 22 Fortune 500 Firms
- Projected to be ranked 11th globally in metro GDP
- Represents 32% of State's Economy

Dallas-Fort Worth MPO Governance

Transportation Decisions

- Regional Transportation Council (Created 1974)
 - 27 City Elected Officials
 - Each Represents ~260,000 Residents
 - 10 County Elected Officials
 - 7 Transportation Providers



Three Urbanized Areas

Fiduciary Agent

- NCTCOG Executive Board (Created 1966)
 - 18 Members

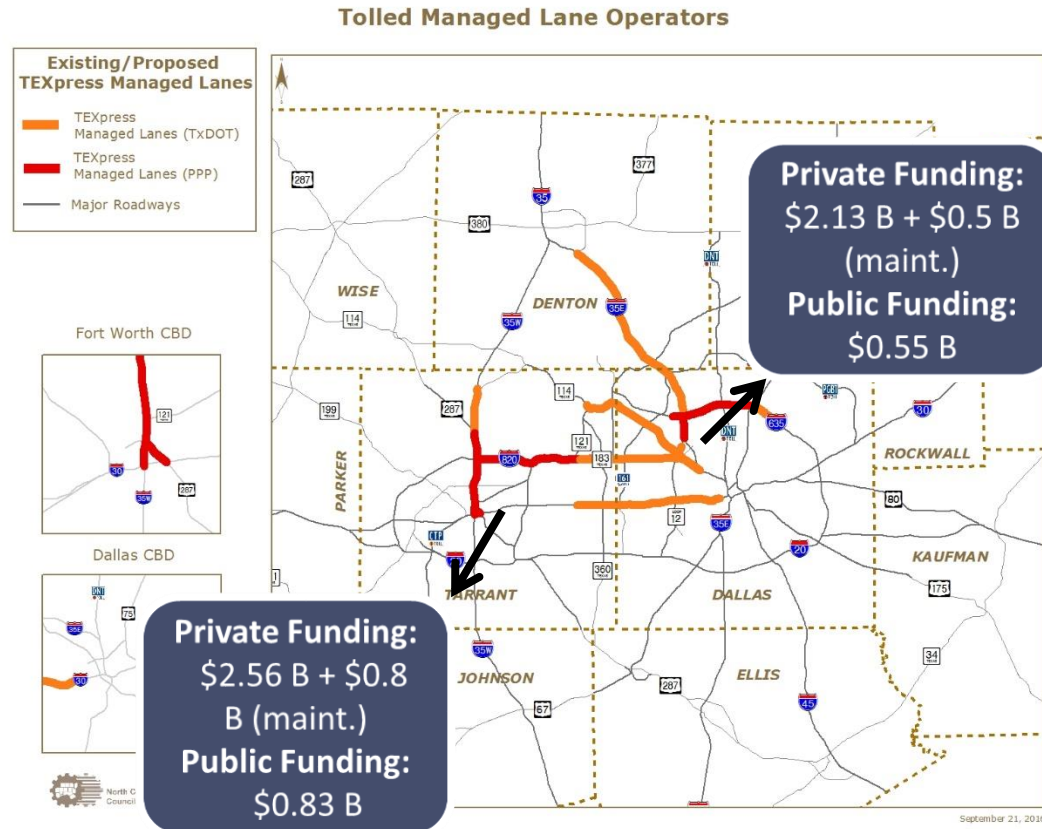


Mobility 2045 Prioritization and Expenditures

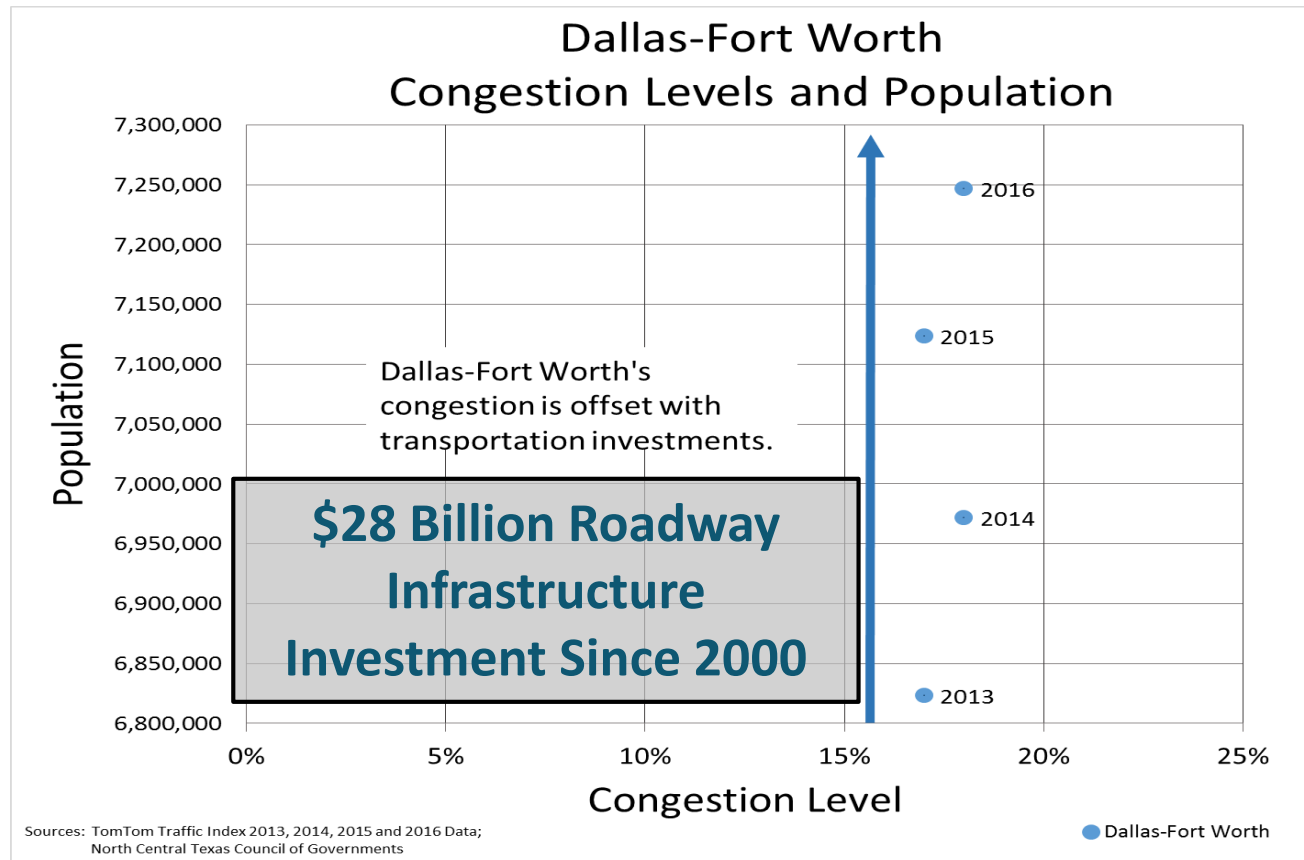
Maximize Existing System	Infrastructure Maintenance Maintain & Operate Existing Facilities Bridge Replacements	\$ 37.5
	Management and Operations Improve Efficiency & Remove Trips from System Traffic Signals and Bicycle & Pedestrian Improvements	\$ 9.5
	Growth, Development, and Land Use Strategies More Efficient Land Use & Transportation Balance	\$ 3.2
Strategic Infrastructure Investment	Rail and Bus Induce Switch to Transit	\$ 33.3
	HOV/Managed Lanes Increase Auto Occupancy	\$52.0
	Freeways/Tollways and Arterials Additional Roadway Capacity	
Total Expenditures*		\$ 135.4

*Actual dollars, in billions. Values may not sum due to independent rounding.

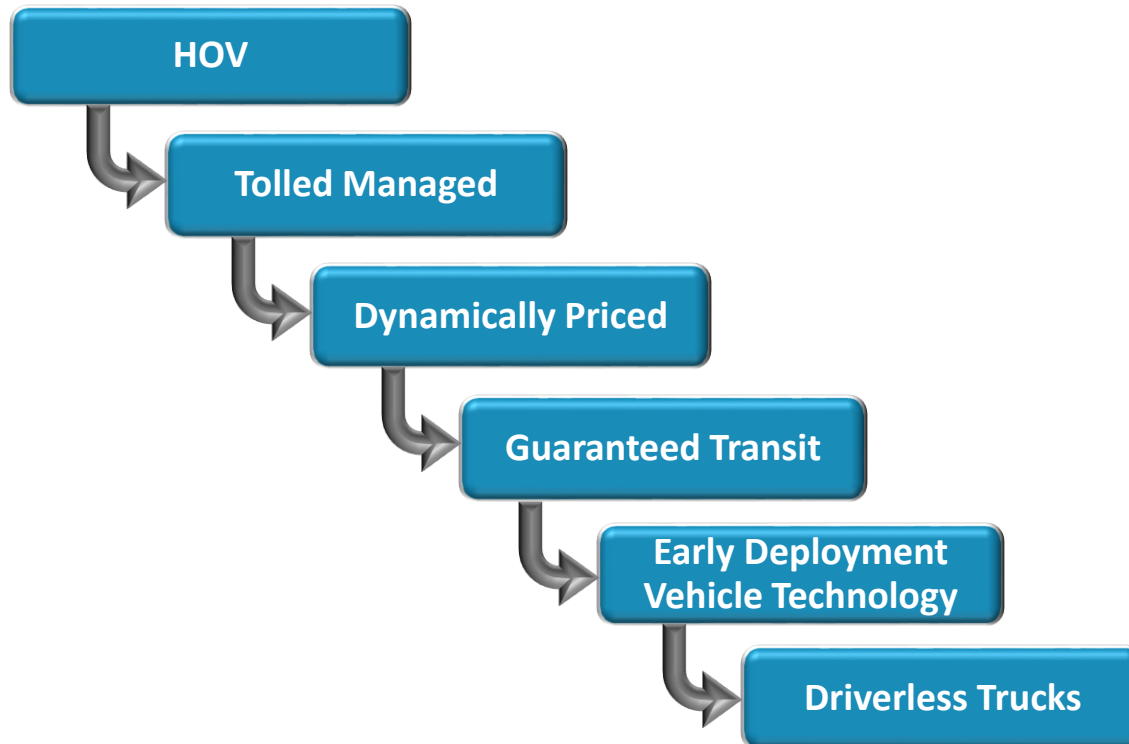
Leveraging/Innovative Funding



DFW Congestion Levels



Managed Lanes Evolution



AVs and Cities

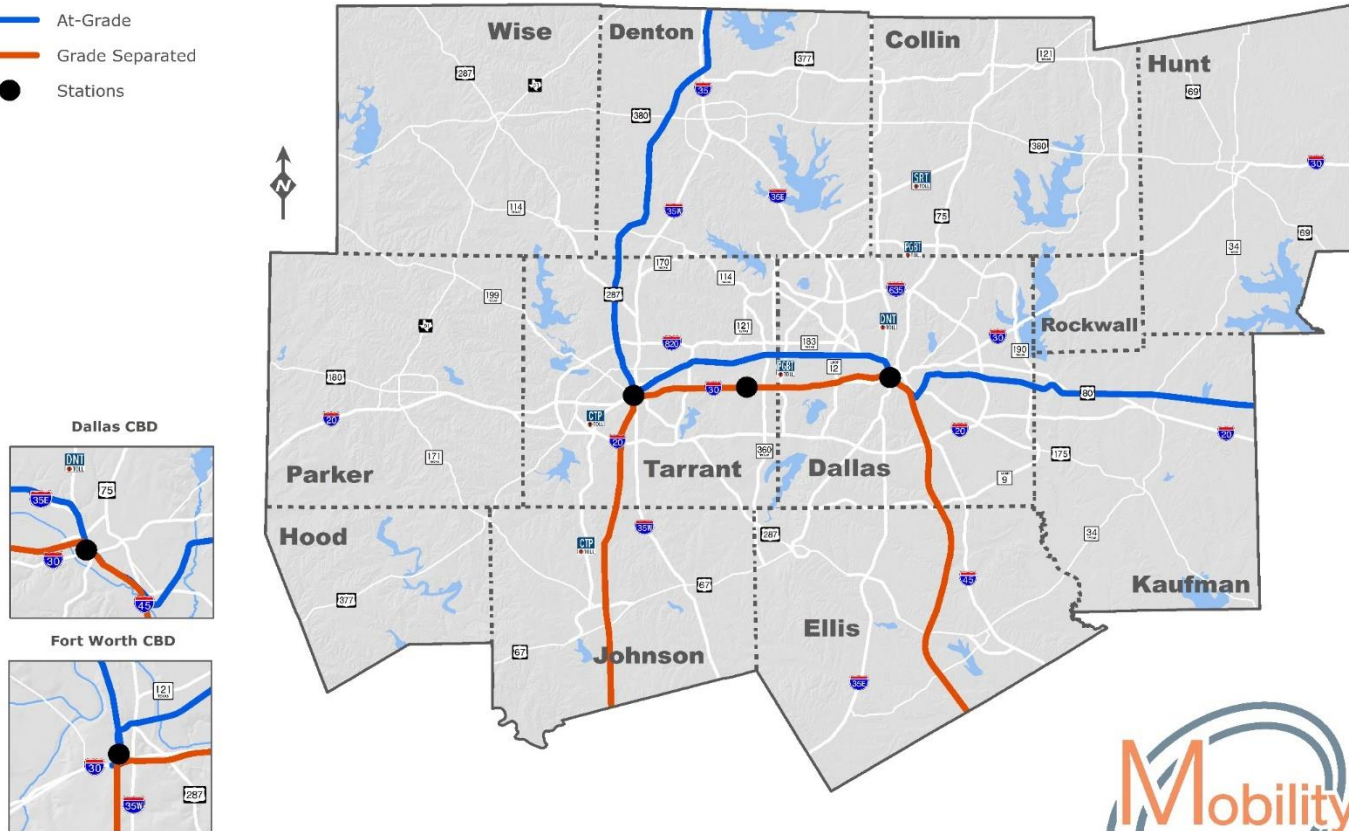
Robo-taxis
AV Shuttles
Buses
Delivery
Personal
Mover
Freight



High-Speed Rail Recommendations

High-Speed Rail

- At-Grade
- Grade Separated
- Stations



Keys to Success

Use a Data-Driven Approach

Solve Multiple Problems Together

Three Lenses: Neighborhood, Regional, International Logistics

Constantly Innovate

Include Everyone in the Process

Give Others Credit

Provide Leadership, Especially on Difficult Issues