



2017 Transportation Crossroads Conference

**Thomas J. Bamonte (@TomBamonte)
North Central Texas Council of Governments**

November 17, 2017

Two Approaches





DFW Mobility Challenges To 2040

Public sector: \$120+ billion investment

Vehicle Miles Traveled: Up 55%

Highway capacity: Up 18%

Vehicle hours in delay: Up 136%

Highway deaths: 15,000

Highway injuries: 1,000,000



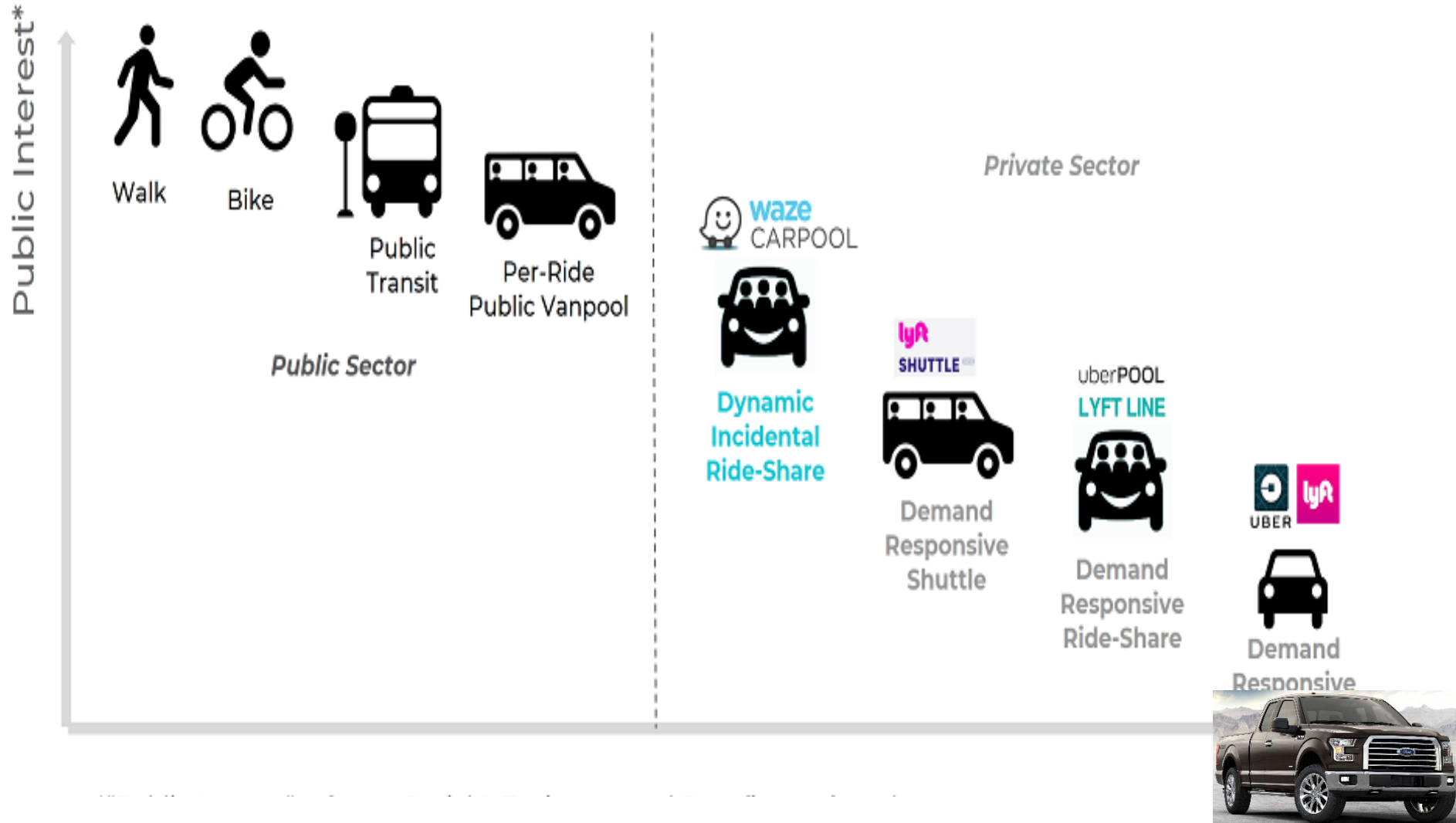
**Fort Worth
August 2, 2017**

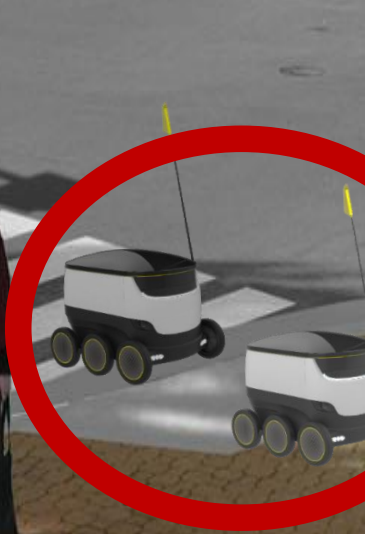


Mayors: We can't keep building highways for one person in one car going to work to solve congestion.

What's Next? "Mobility as a Service"

Where does Waze Carpool fit into the Trip Planner ecosystem?







Automated Vehicles and North Dallas

Robo-taxis
AV Shuttles
Buses
Delivery
Personal



Managed Lane System

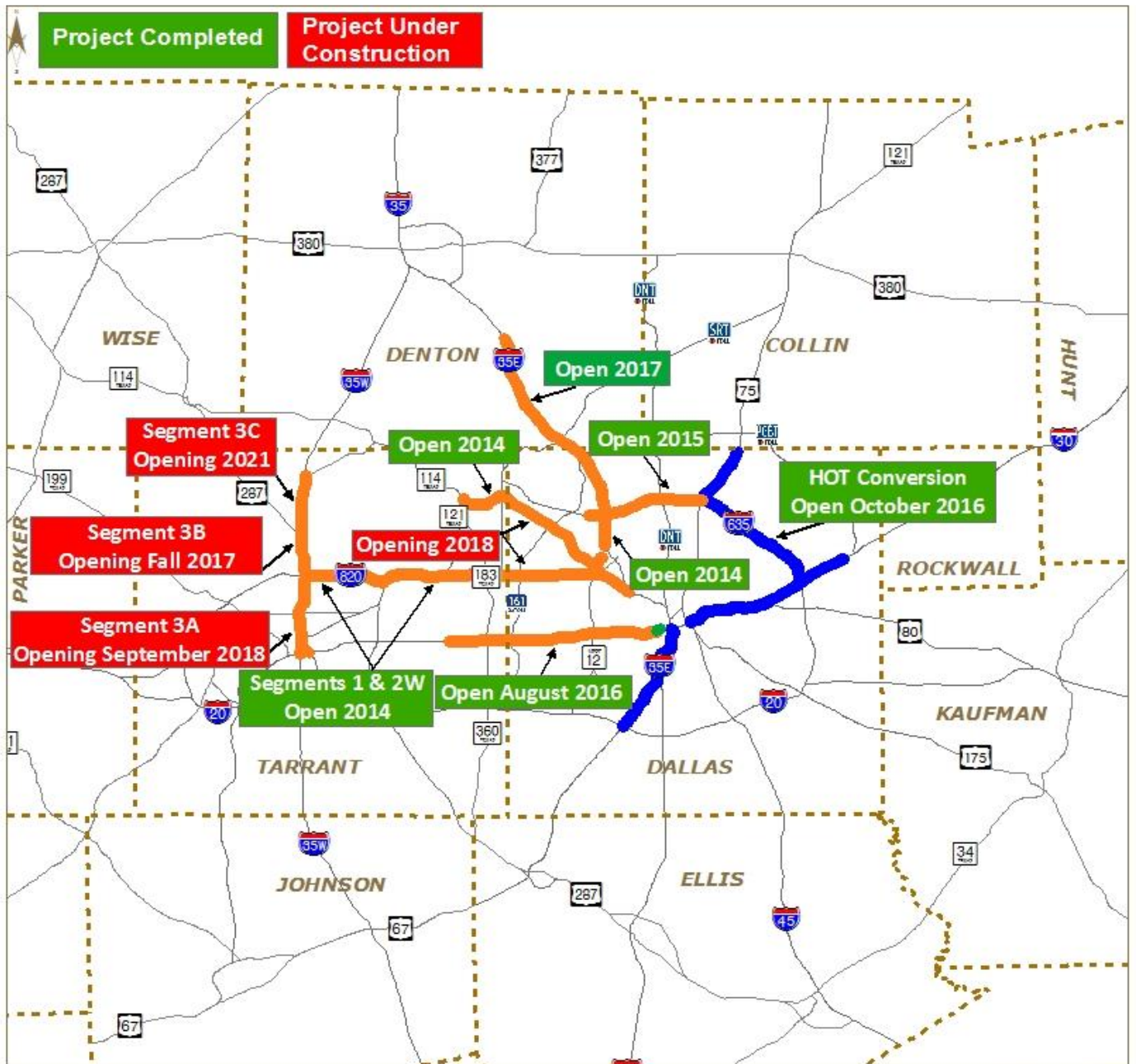
Current Express/HOV + New Managed Lanes

- Current Express/HOV Lanes
- New TEXpress Managed Lanes
- Transitional High - Occupancy Vehicle Lane
- Major Roadways

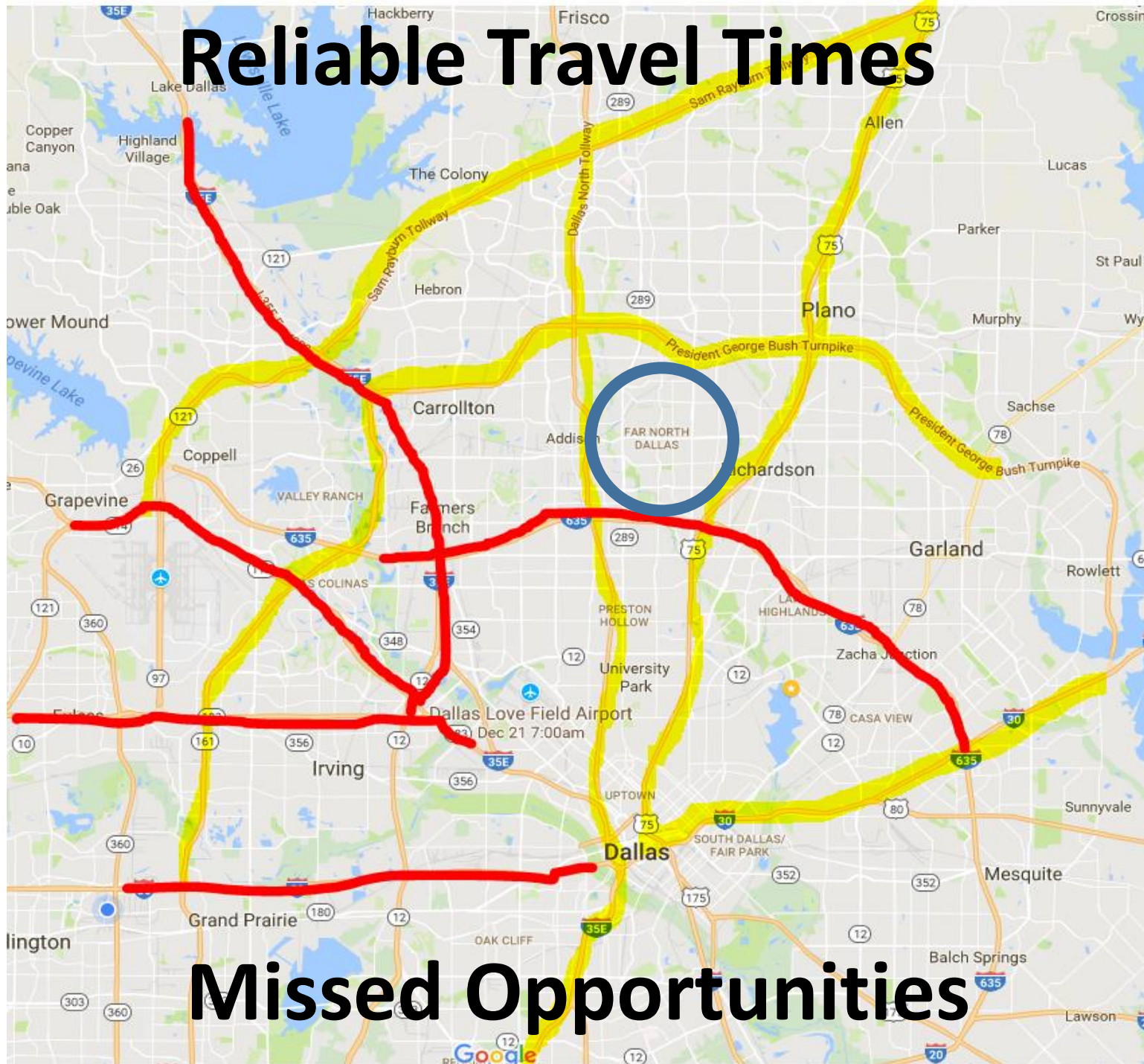
Fort Worth CBD



Dallas CBD





Reliable Travel Times



Missed Opportunities

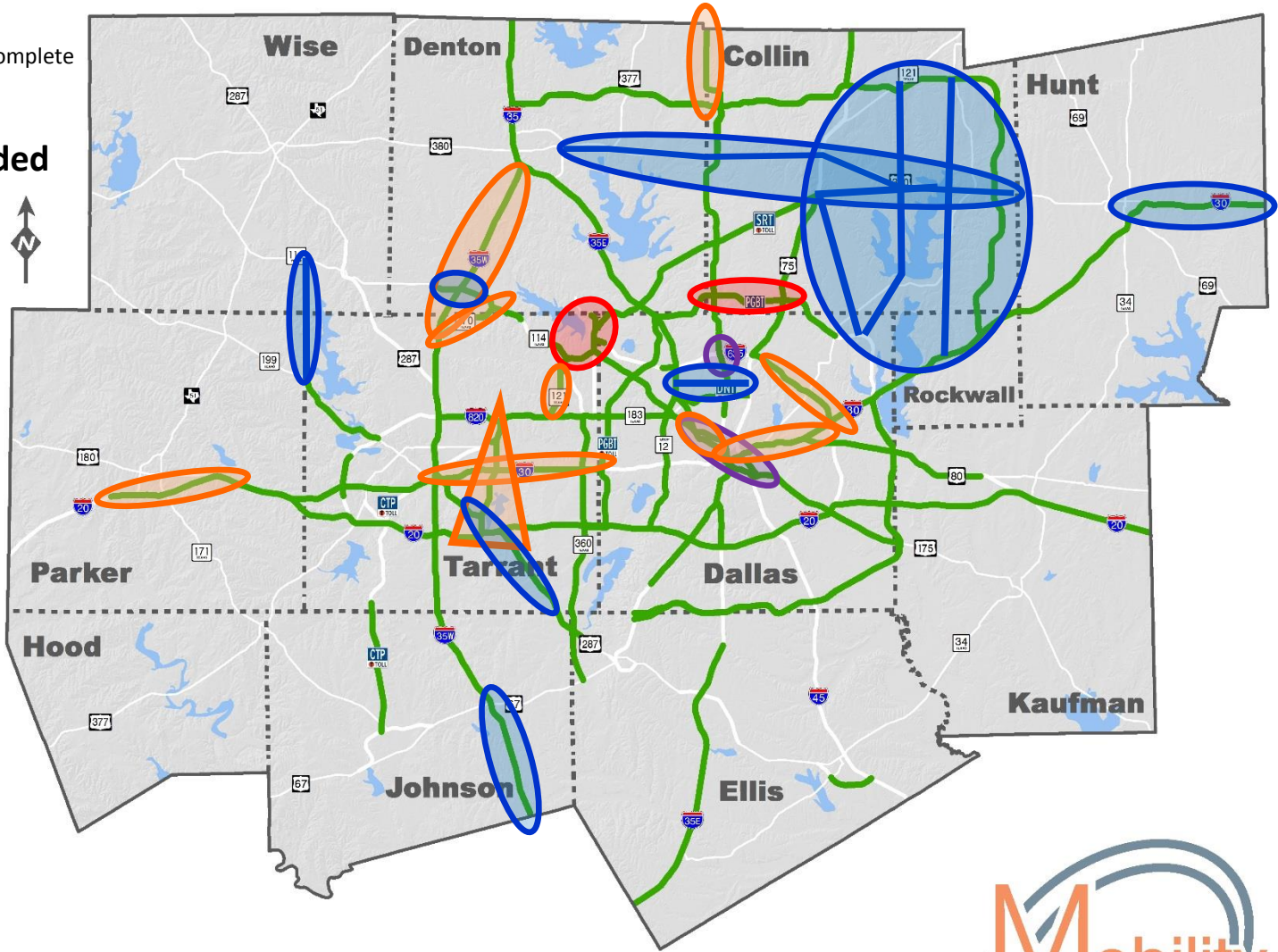
Roadway Project Status

Projects Removed

-  Under Construction/Complete
-  Local Consensus

Projects Revised/Added

-  Design Change
-  New Projects









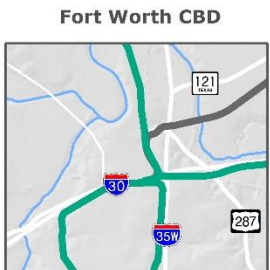
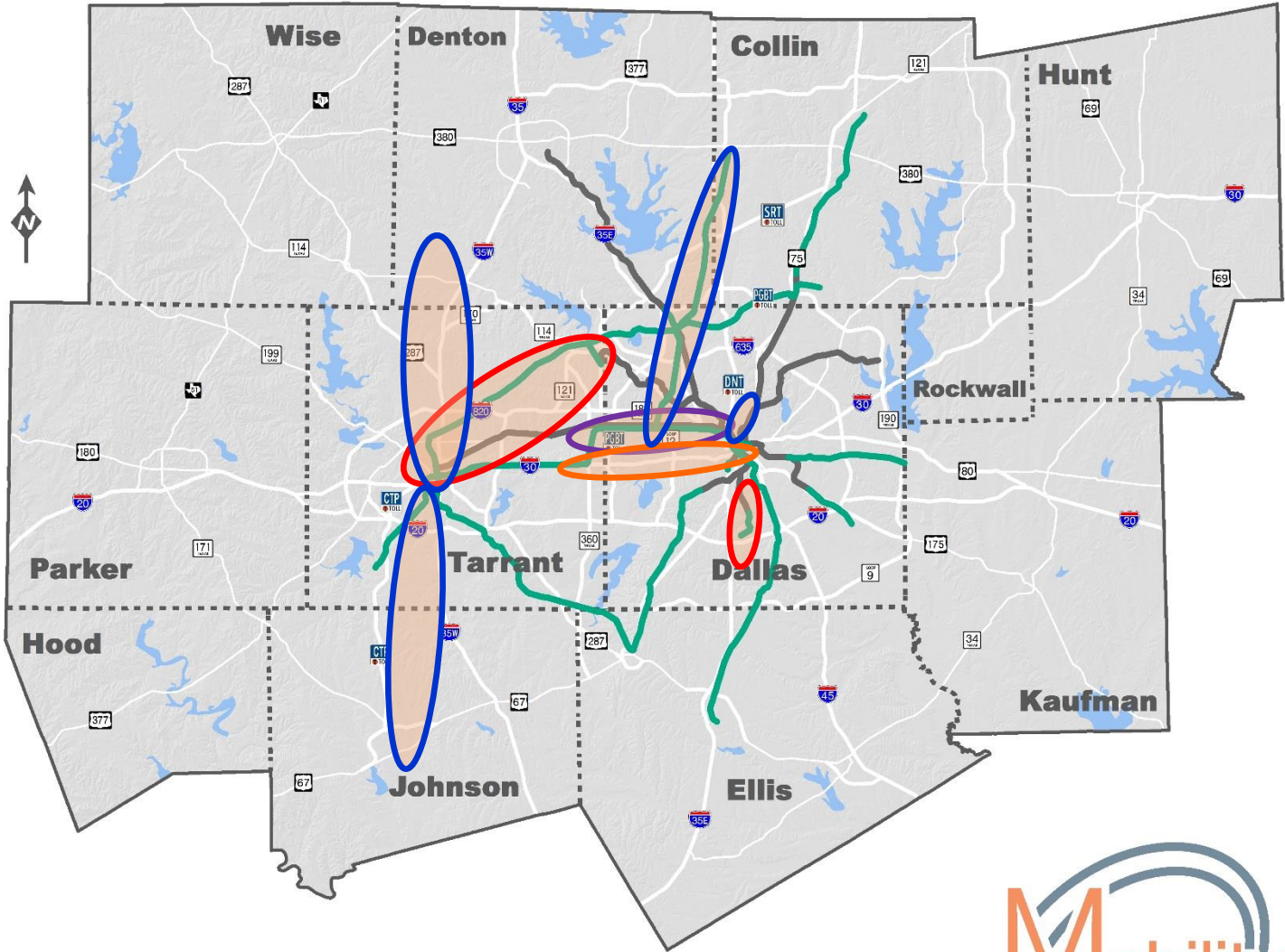
DRAFT



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

Passenger Rail Projects

-  Under Evaluation
-  Remove - Under Construction/Complete
-  Remove - Local Consensus
-  Alignment Change
-  Mobility 2040 Rail Projects
-  Existing Rail



DRAFT



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



HYPERLOOP TEXAS
everything is faster in texas

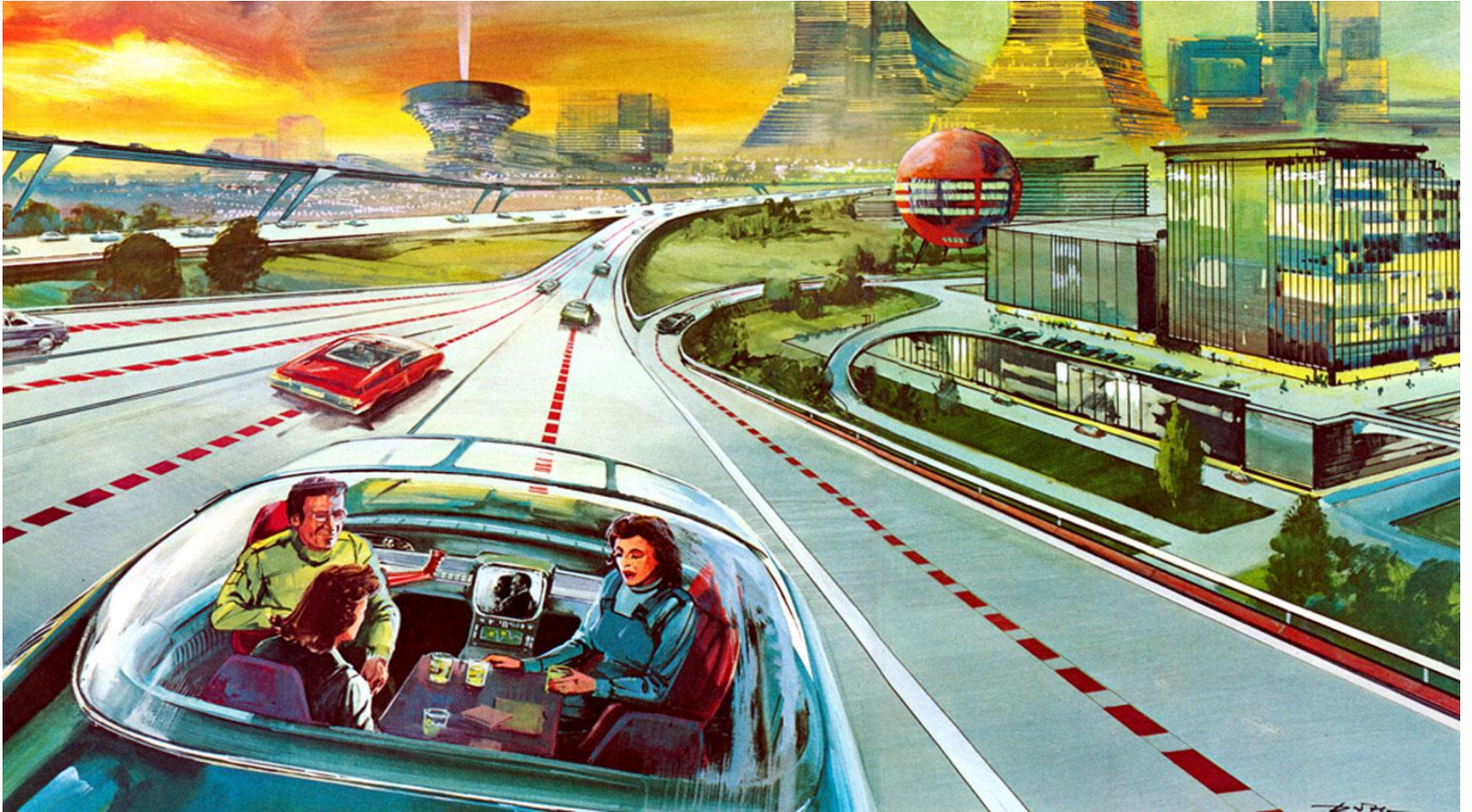
1301 2344
Cesar Chavez St
Holly St

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Prediction is very difficult, especially if it is about the future. - Niels Bohr



Contact Information

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RESOURCE SLIDES



WAYMO

7WFV173

PACIFICA

AV Development Goes Mainstream



ARGO AI

CRUISE



DELPHI



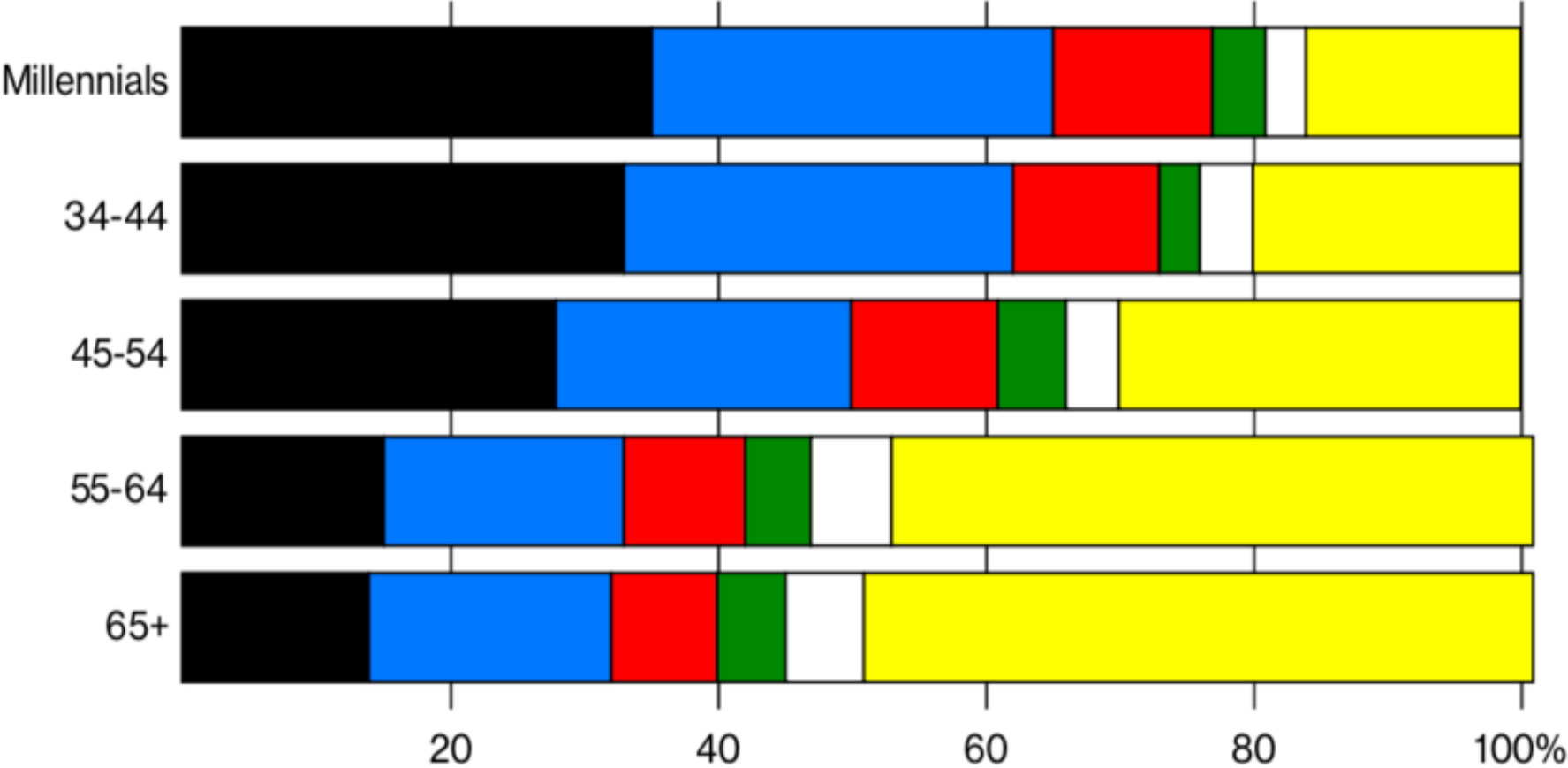
MOBILEYE® 20



Driverless Divergence

When Americans say they'd be willing to buy an autonomous car varies by age group

■ <5 years ■ 5-10 years ■ 10-15 years ■ 15-20 years □ 20+ years ■ Never



Note: Numbers may not add up to 100 percent due to rounding

Data: Edmunds; graphic by Bloomberg Businessweek

