

TRANSPORTATION UPDATE

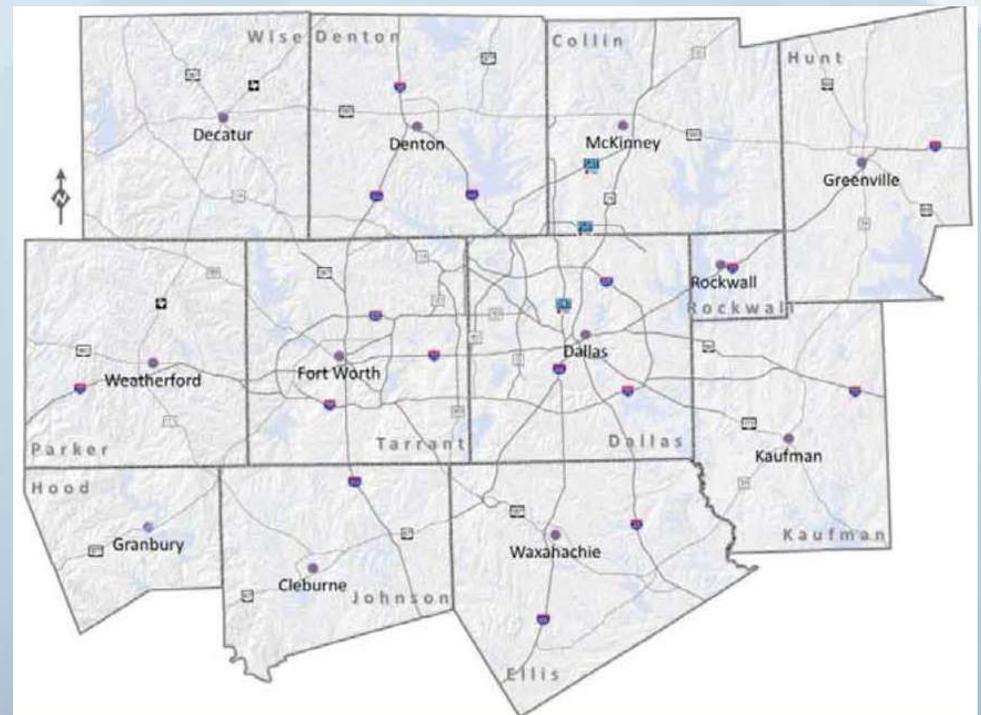
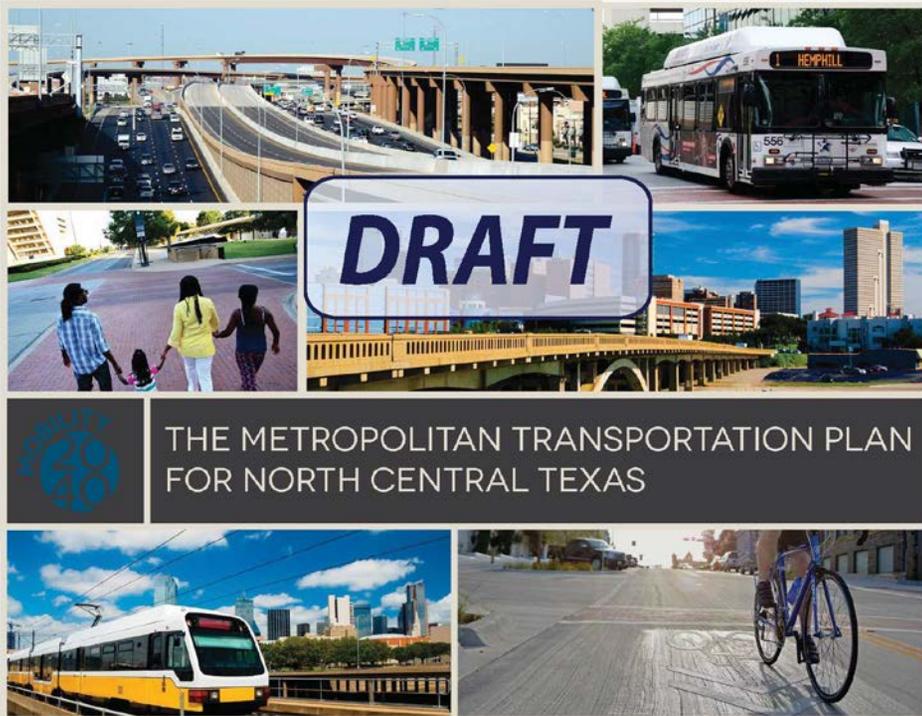
**Jack Carr, P.E.
Assistant City Manager**

January 25, 2016



Mobility 2040

25 year vision for the year 2040
Projected population - 10.7 million



Mobility 2040

- Blueprint for the region's multimodal transportation system
- Supports goals emphasizing mobility, quality of life, system sustainability, and implementation
- Includes policies, programs, and projects for continued development
- Guides the expenditure of local, state and federal transportation funds
- Mobility 2040 serves as the region's long-range plan through 2020 – updated every five years



Mobility 2040

Guided by:

- Regional Transportation Council
- NCTCOG
- TxDOT
- NTTA
- DART
- Collin County
- Other agencies...

Mobility 2040

- Transit
 - Expansion of rail and bus programs
- Toll and managed lanes
- New expressway capacity
- Arterial roadway capacity
- Travel Demand Management
- Alternate modes
 - Bike/pedestrian



Collin County

- US 75
 - North of Spring Creek adding lanes
 - Interchange improvements at PBGT
 - IH 635 into Allen – TxDOT proposal
 - Remove HOV - open during peak periods
- NTTA
 - DNT adding fourth lanes
 - PGBT adding fourth lanes
 - SRT adding fourth lanes



Collin County

- Transit
 - Develop an express crosstown transit route
 - Expand transit to Allen and beyond
 - Reduce traffic volume on US 75
 - Passenger service in the BNSF rail corridor along the western border of Plano

Legacy Business Area

- Concentrated development area
- Recent additions
 - Toyota
 - FedEx
 - Liberty Mutual
 - Fannie Mae
 - Chase Bank
 - Legacy Town Center West
 - Others



CITY OF PLANO Legacy Business Area

Source: City of Plano, GIS Division
Date: 5/21/2015

0 1,300 2,600

Scale in Feet
Original: 1" = 1,400'

Legacy Business Area

Corporate Limits of Plano



DISCLAIMER: This map and information contained therein were developed exclusively for use by the City of Plano. Any use or reliance on this map by anyone else is at that party's own risk and without liability to the City of Plano, its officials or employees for any discrepancies, errors, or variances which may exist.



Legacy Business Area

- Maximize mobility
 - Demand exceeds capacity
 - Increase capacity
 - Decrease the peak volume
 - Our tool kit of options – focuses on both

Congestion Action Toolbox

Engineering Studies

- Corridor coordination timing studies
- Auxiliary signal timing plans
- Capacity improvements

Congestion Action Toolbox

Capacity Improvements

- Roadway widening
- Turn lanes
- Parking lots
- Traffic signal improvements

Congestion Action Toolbox

ITS – Intelligent Transportation Systems

- Camera / monitoring
- Communication with agencies
- Advanced Traffic Management System
- Auxiliary signal timing
- Adaptive traffic signals
- Green wave

Congestion Action Toolbox

Traffic Management Center

- Training
- Coordinate with Public Safety
- Coordinate with others
 - NTTA
 - TxDOT
 - DART
 - Other cities

Congestion Action Toolbox

Traveler Information

- Information strategies
- Variable messaging
- Social media
- Event database
- Website
- Mobile apps

Congestion Action Toolbox

Incident and Event Response

- Training to clear incidents quickly
- Real-time monitoring
- Response teams – assistance crew(s)

Congestion Action Toolbox

Support Other Modes

- Bicycle facility expansion
- Effective transit systems

Congestion Action Toolbox

Transit

- New bus routes
- BRT - Bus Rapid Transit
- BNSF railroad – passenger rail
- Last mile
- Circulator routes
- Ride share
- Car share

Congestion Action Toolbox

Peak Reduction (Corporate Actions)

- Travel Demand Management (TDM)
- Alternate work hours
- Telecommute
- Ride share
- Car share
- Committees of stakeholders
- Transportation Management Authority

Congestion Action Toolbox

Construction Coordination

- Construction will increase congestion
- Work zone planning
- Lane closure coordination
- No closures during peak periods

Legacy Area Traffic Study

Joint effort

- Plano
- DART
- Collin County
- NCTCOG
- Others

Kimley-Horn consultant

Two stakeholder committees

Questions?

