



Creating Dallas-Fort Worth's Transportation System: Celebrating Partnerships and Milestones

Presentation to the Texas Transportation Commission

August 27, 2014



Presenters

Mike Cantrell – Commissioner, Dallas County, RTC Chair

Michael Morris – Director of Transportation, NCTCOG

Kenneth Barr – Chairman, North Texas Tollway Authority

Bernice Washington – Board Member, DFW International Airport

Charles Emery – Chairman, Denton County Transportation Authority

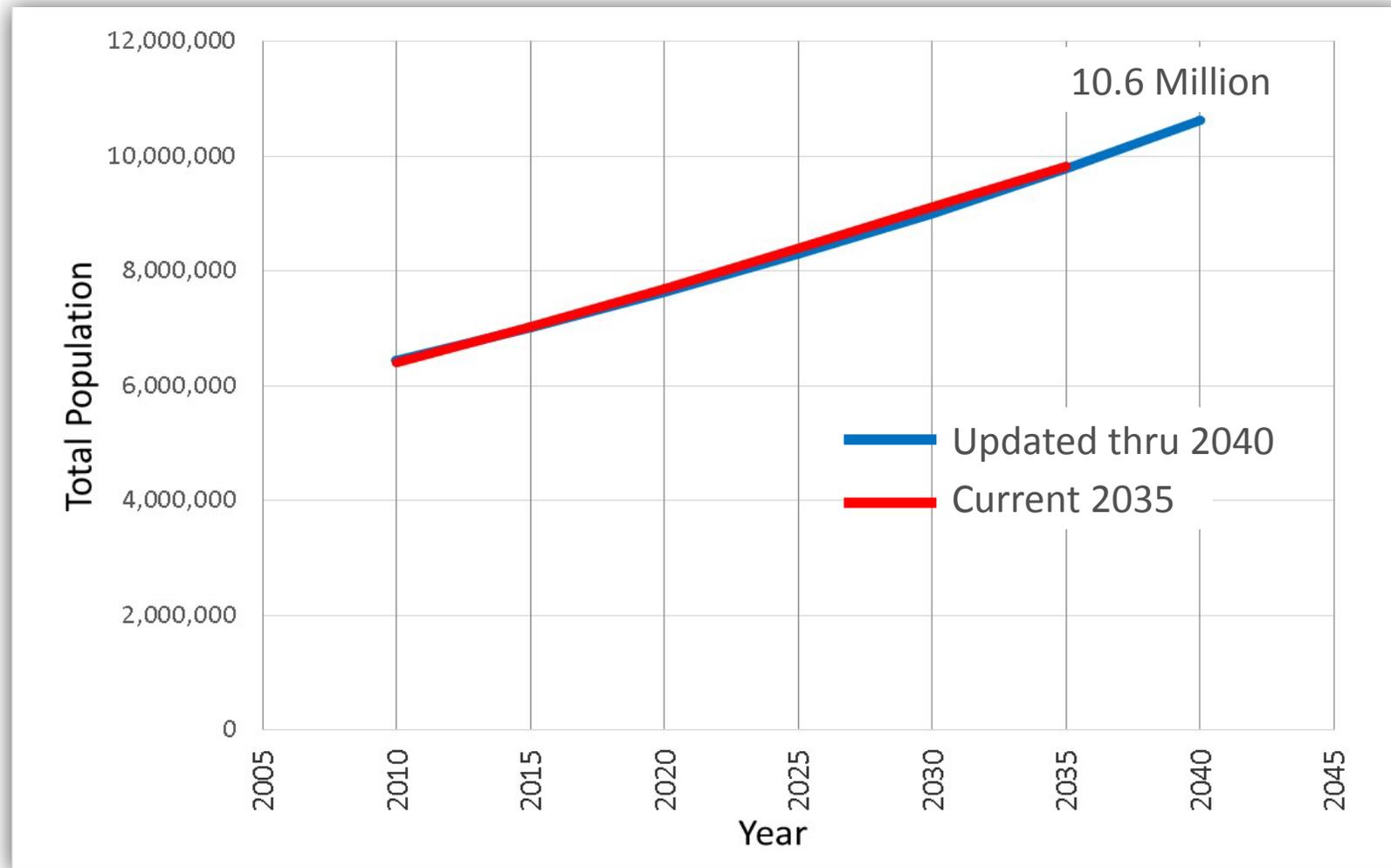
Douglas Athas – Mayor, City of Garland

Vonciel Jones Hill – Councilmember, City of Dallas

40 Years of Metropolitan Planning

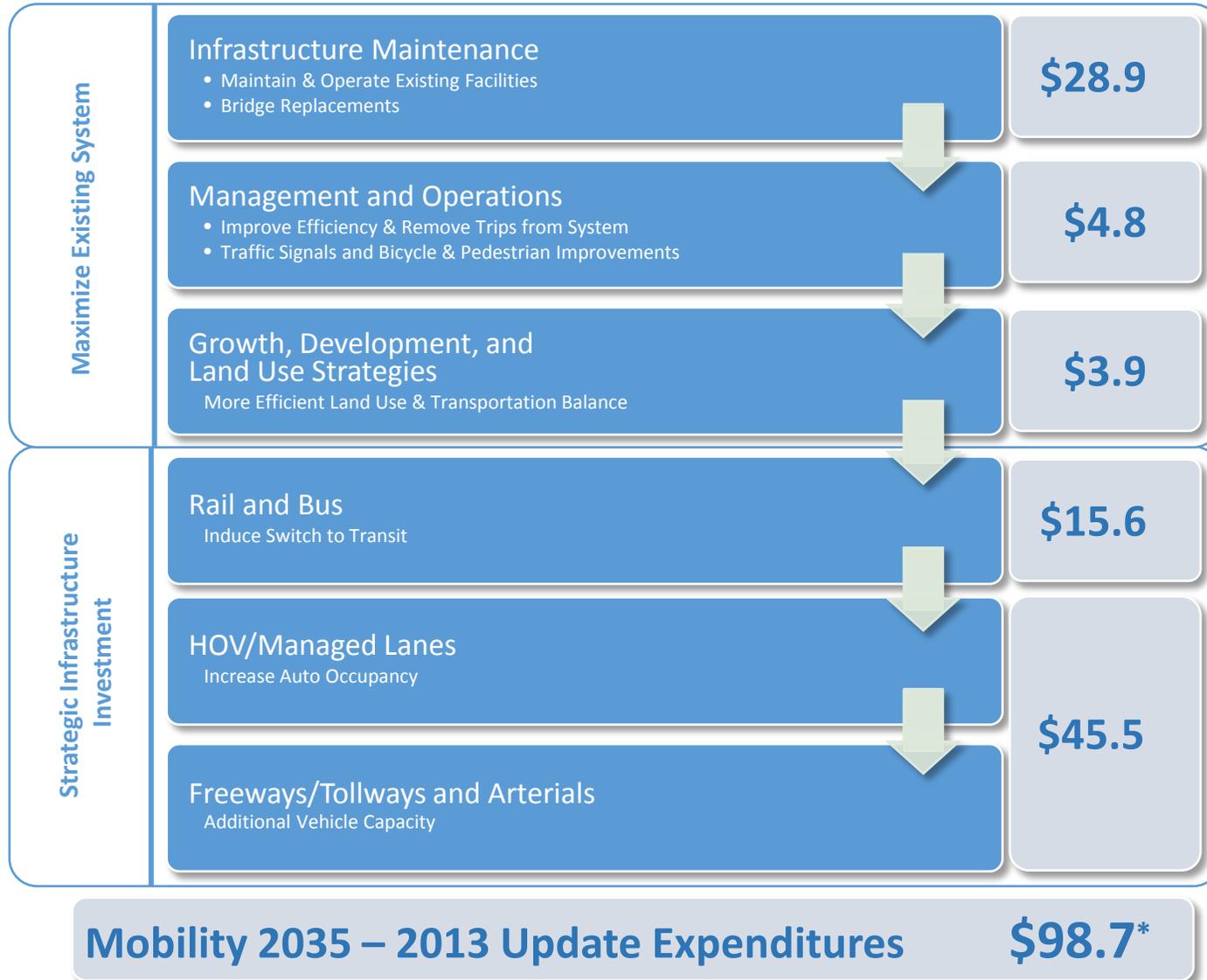


Regional Population Growth



Source : The Perryman Group

Prioritization of Improvements



Considered Throughout the Process

Policy Discussions

- *Intermodal Planning Efforts*
- *System Safety*
- *System Security*
- *Environmental Justice*
- *Environmental Stewardship*

Air Quality Impacts

Financial Constraints

The role of the MPO and the 6 P's for solving problems are:

Plans

Programs

Policies

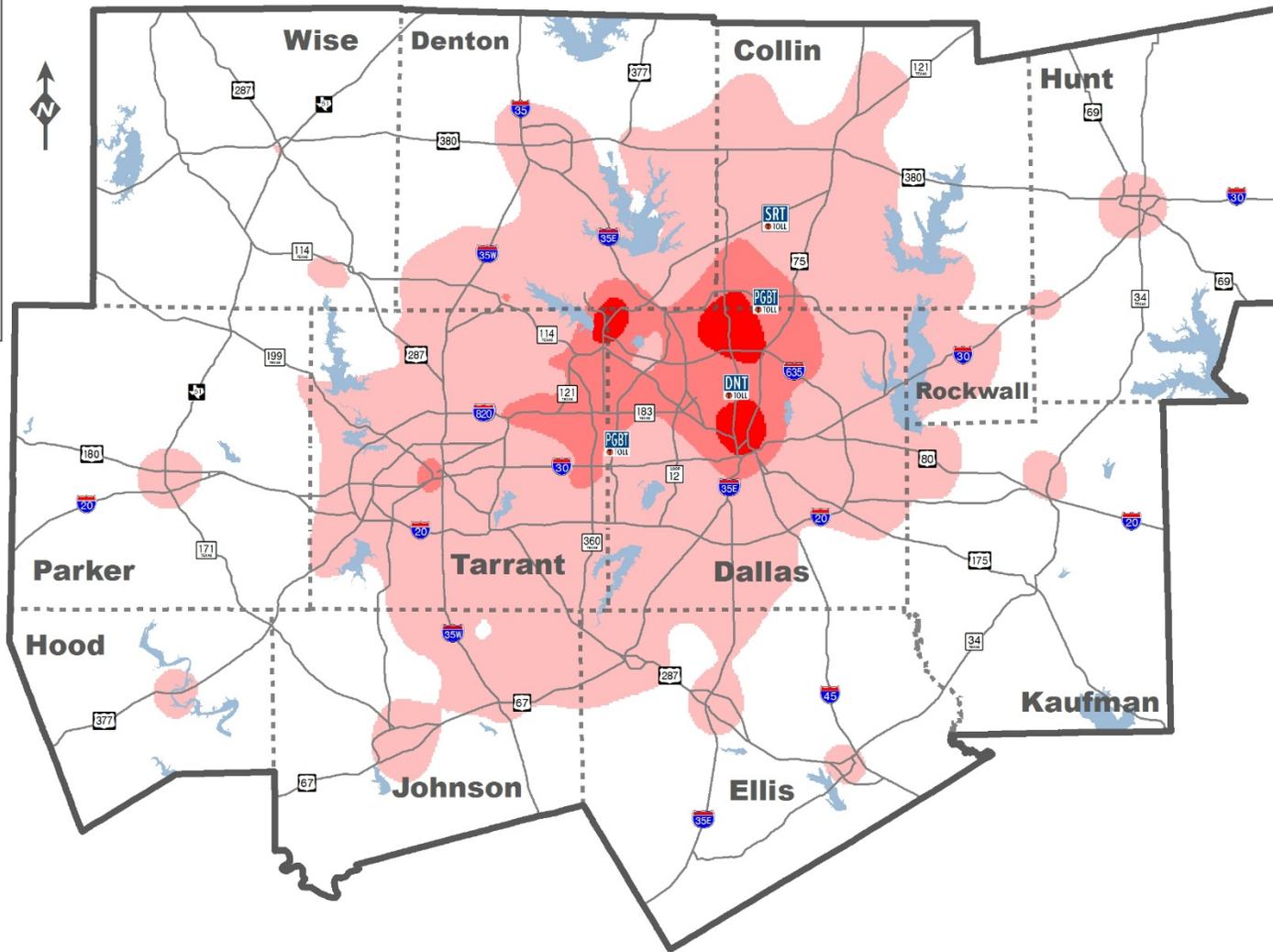
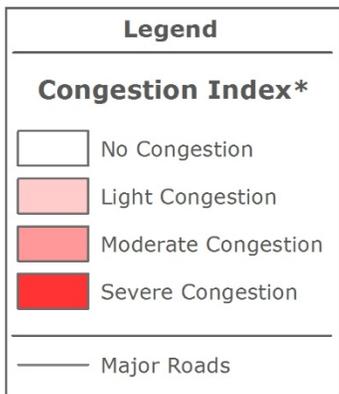
Projects

Performance

Partnerships



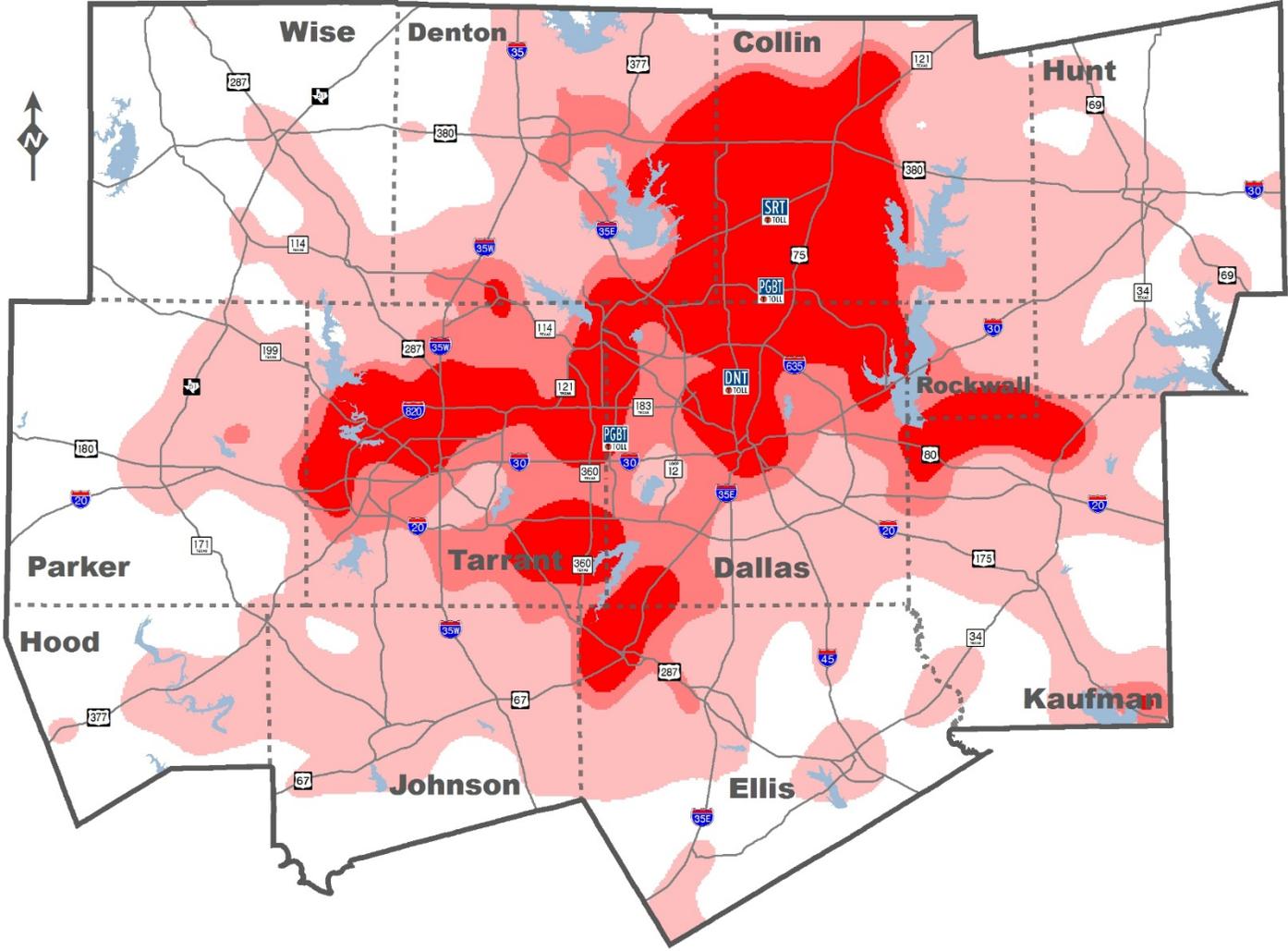
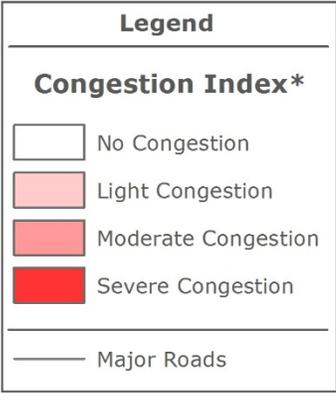
Levels of Congestion: 2013



Cost of Congestion: \$4.7 billion



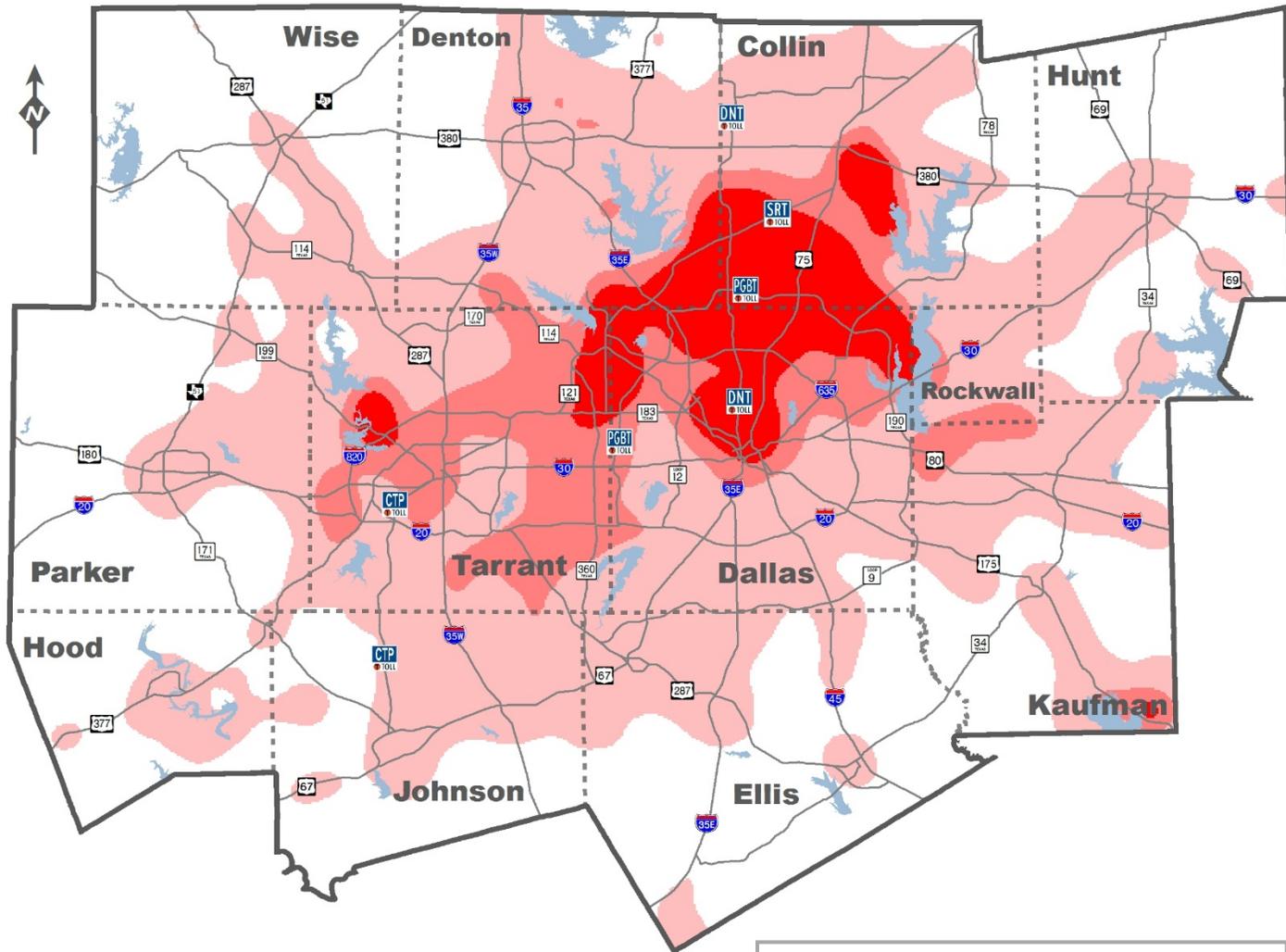
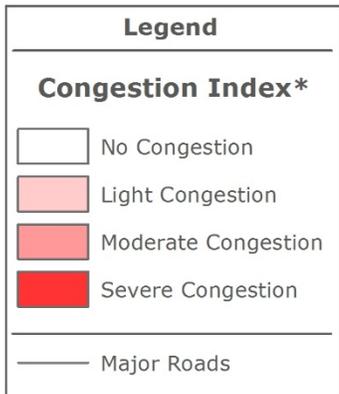
Levels of Congestion: 2035 No-build



Cost of Congestion: \$17.3 billion



Levels of Congestion: 2035



Cost of Congestion: \$10.1 billion

Cost Savings of \$7.2 Billion Per Year

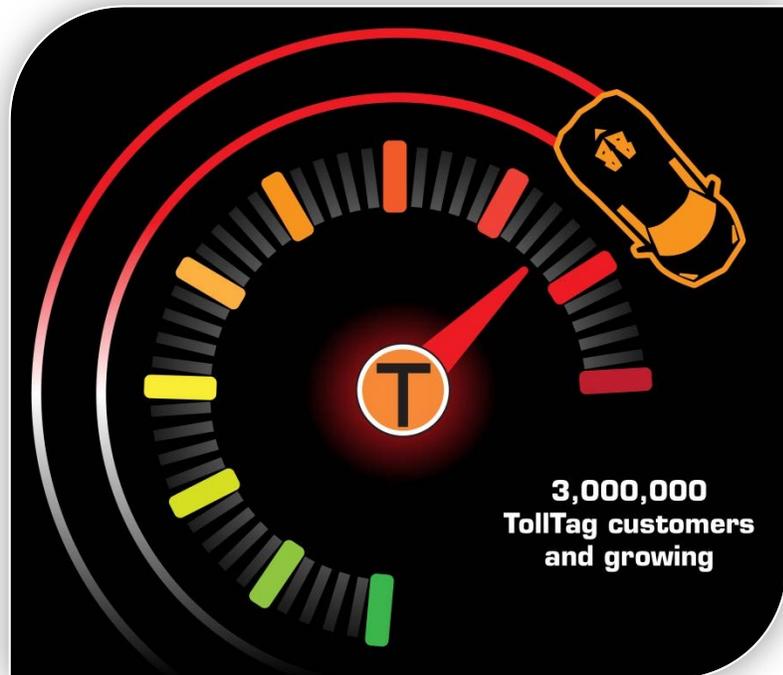


Partnerships Drive Transportation





TollTag Milestones



DFW Airport Partnerships

Long standing multimodal partnerships have resulted in many success stories

DFW Connector project - \$1.2B

- Completed March 2014
- Greatly improves mobility to meet future travel growth

State Highway 183 Managed Lanes Project - \$848M

- Construction to begin late 2014/early 2015
- DFW Airport is an active partner with TxDOT during all project phases

Trinity Railway Express (TRE)

- Centreport Station opened in 2000
- One of the first collaborative efforts in the region
- DFW, DART, Fort Worth T share in operating costs to maintain bus link to DFW Terminals



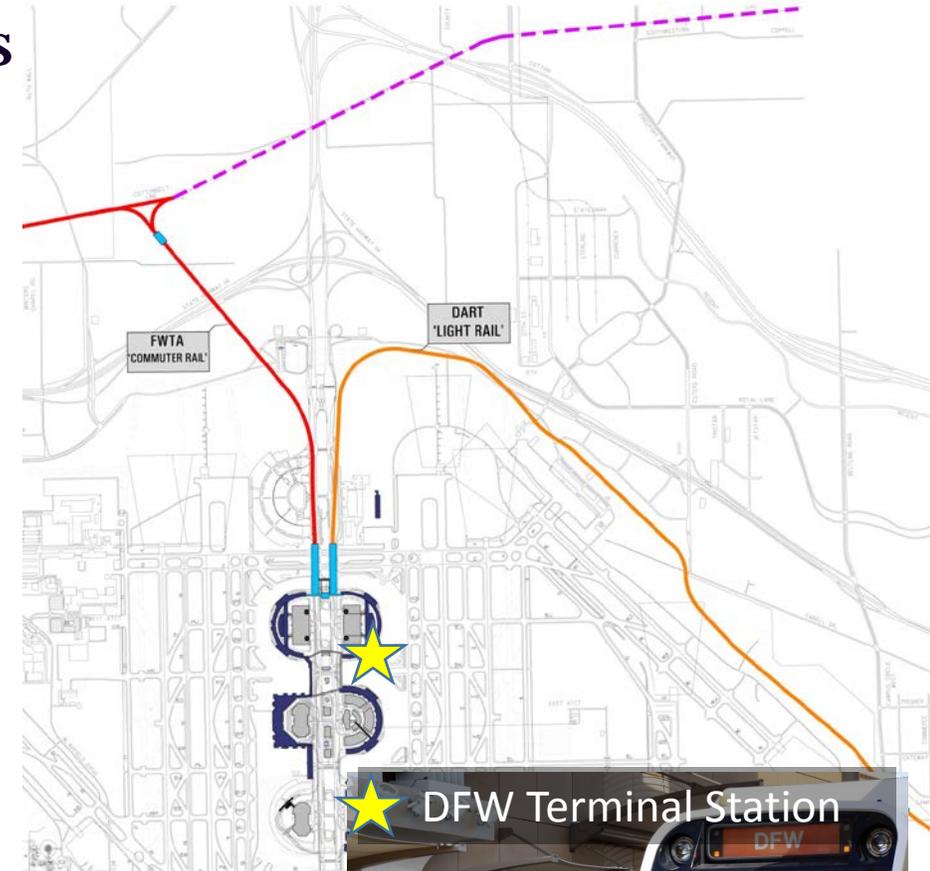
DFW Airport Partnerships

DART Orange Line Light Rail to Terminals - \$189M

- Started service August 18
- DFW funded design and construction of DFW Terminal Station - \$36M
- Provides seamless multimodal connectivity from eastern side of region into DFW

TEX Rail commuter rail to Terminal B

- Fort Worth Transportation Authority project estimated 2018 completion
- DFW to fund design and construction of DFW Terminal Station for TEX Rail
- Will provide seamless connectivity from western side of region into DFW



DFW Airport Partnerships

DFW Parking Control System - \$57.3M

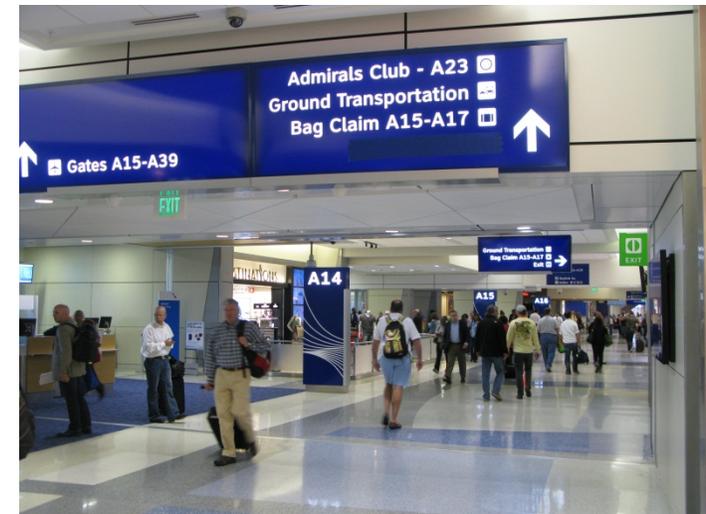
- Opened late 2013
- Provides seamless connectivity with NTTA system and DFW Connector
- State-of-the-art toll transaction technology
- Processes 60K vehicles per day with ability to handle future growth



New Parking Control Plaza

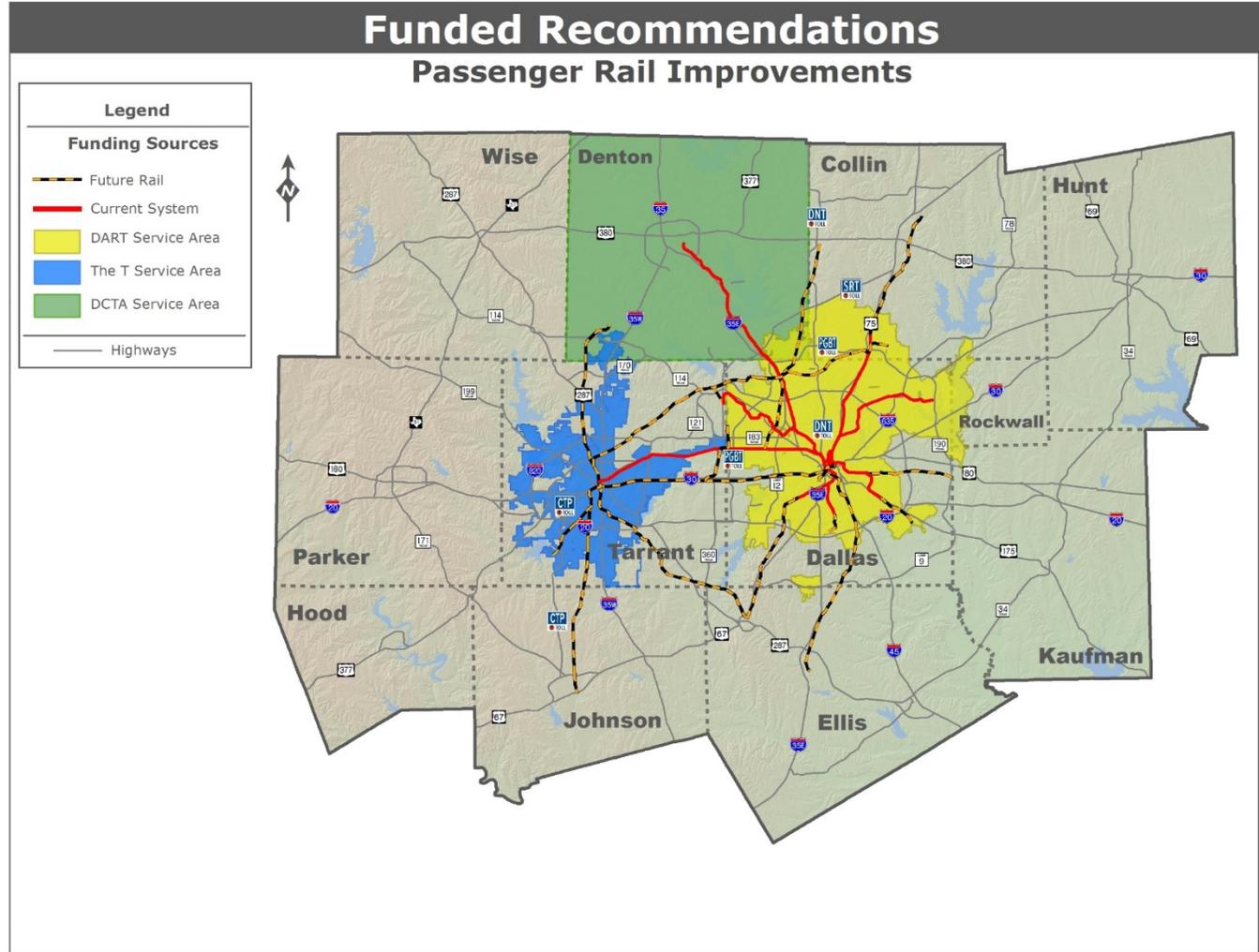
Terminal Renewal & Improvement Program (TRIP) - \$2.7B

- Replaces and modernizes 40-year old terminal buildings and systems to be complete by 2020
- Responds to growth in aviation industry
- Creates world-class travel experience connecting Texas to the world



Terminal Renovations

DFW Regional Transportation Network



Committed to Regional Cooperation



Statement of Principles North Central Texas Regional Passenger Rail Alliance

1. Dallas Area Rapid Transit (DART), the Fort Worth Transportation Authority (The T), and Denton County Transportation Authority (DCTA) have an established history of coordination, cooperation, and provision of transit services within and across service area boundaries and are well positioned to lead the planning, implementation, and operation of a system of regional passenger rail in the 16-County North Central Texas Council of Governments Region, ("the region" -Wise, Denton, Collin, Hunt, Palo Pinto, Parker, Tarrant, Dallas, Rockwall, Kaufman, Erath, Hood, Somervell, Johnson, Ellis, Navarro). This can continue to be accomplished without the creation of a fourth entity.
2. DART, The T, and DCTA have expressed their desire, intent, and willingness to cooperate by participating, at their own option and upon satisfactory terms, in the following:
 - a. Regional cooperative agreements for corridor management, dispatching, and operations
 - b. Fuel purchases as mutually beneficial
 - c. Regional fare structure, enforcement, security, and safety standards
 - d. Regional marketing campaigns
 - e. Access to rail corridors owned by the three existing transit agencies or other entities
 - f. Regional call center and enhanced customer service
 - g. Positive train control and regional rail safety and design standards
 - h. Design, implementation, and future procurement of a single regional rail vehicle to provide regional passenger rail service in accordance with DART Board Resolution No. 080114
 - i. Opening freight corridors for passenger rail
 - j. Rail planning and alignment development
 - k. Resolutions for liability insurance coverage and liability issues enabling passenger rail service in freight railroad corridors
 - l. Smart Card (electronic fare media) development and regional fare equipment purchases
3. DART, The T, and DCTA will work cooperatively to seek support for The Alliance's efforts to expand regional passenger rail service in the region through the Texas Legislature and U.S. Congress.
4. To continue to pursue the goals of expanding a system of passenger rail services in the region, DART, The T, and DCTA wish to reaffirm their joint goal to cooperate in the coordination, development, and operation of a seamless system of regional passenger rail service in the region by creating the "North Central Texas Regional Passenger Rail Alliance."
5. This does not preclude the independent efforts of the individual entities to further agency-specific objectives. Dallas Area Rapid Transit, Denton County Transportation Authority, and the Fort Worth Transportation Authority will maintain respective funding responsibilities and commitments.

John C. Danish
DART Board Chair

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DCTA Board Chair

Ray W. Cumber
The T Board Chair

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DART, President/Executive Director

James C. Clinch
DCTA, President

[Signature]
The T, President/Executive Director



A vertical decorative image on the left side of the slide showing light trails from a train at night, with red and white streaks against a dark background.

Current Regional Initiatives

TxDOT Rail Safety

Joint Rail Operations & Maintenance

Positive Train Control Mandate

GoPass Mobile Ticketing Application

A vertical decorative image on the left side of the slide showing light trails from a train at night, with red and white streaks against a dark background.

Transit Agency Initiatives

Dallas Area Rapid Transit (DART)

- TxDOT Funding for Station Platform Extensions
- Orange Line Extension to DFW Airport
- D2/Program of Interrelated Projects/Streetcar/HSR planning

Fort Worth Transportation Authority (The T)

- TEX Rail
- CNG Commitment
- TxDOT Funding for Regional Vehicles

Denton County Transportation Authority (DCTA)

- A-train Commute Alternative to IH 35E
- Future Service Enhancements

Regional Consensus for CDA Projects

2011 RTC/NTTA Joint Resolution

IH 35E Managed Lanes

North Tarrant Express

SH 183

2013 RTC/NTTA Joint Resolution

SH 183/Loop 12/SH 114

North Tarrant Express

Loop 9

Southern Gateway

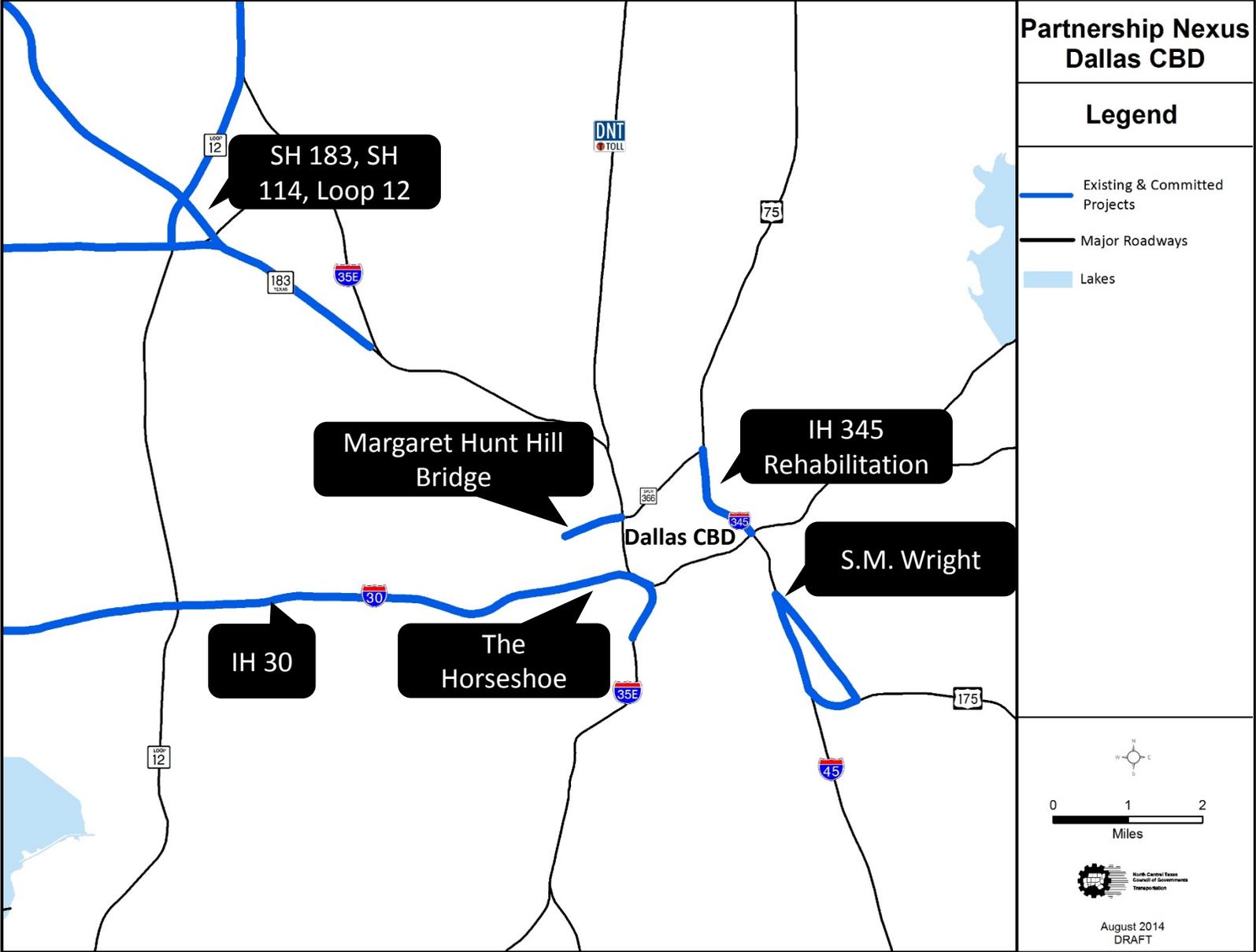
2015 Potential RTC/NTTA Joint Resolution

IH 635 East

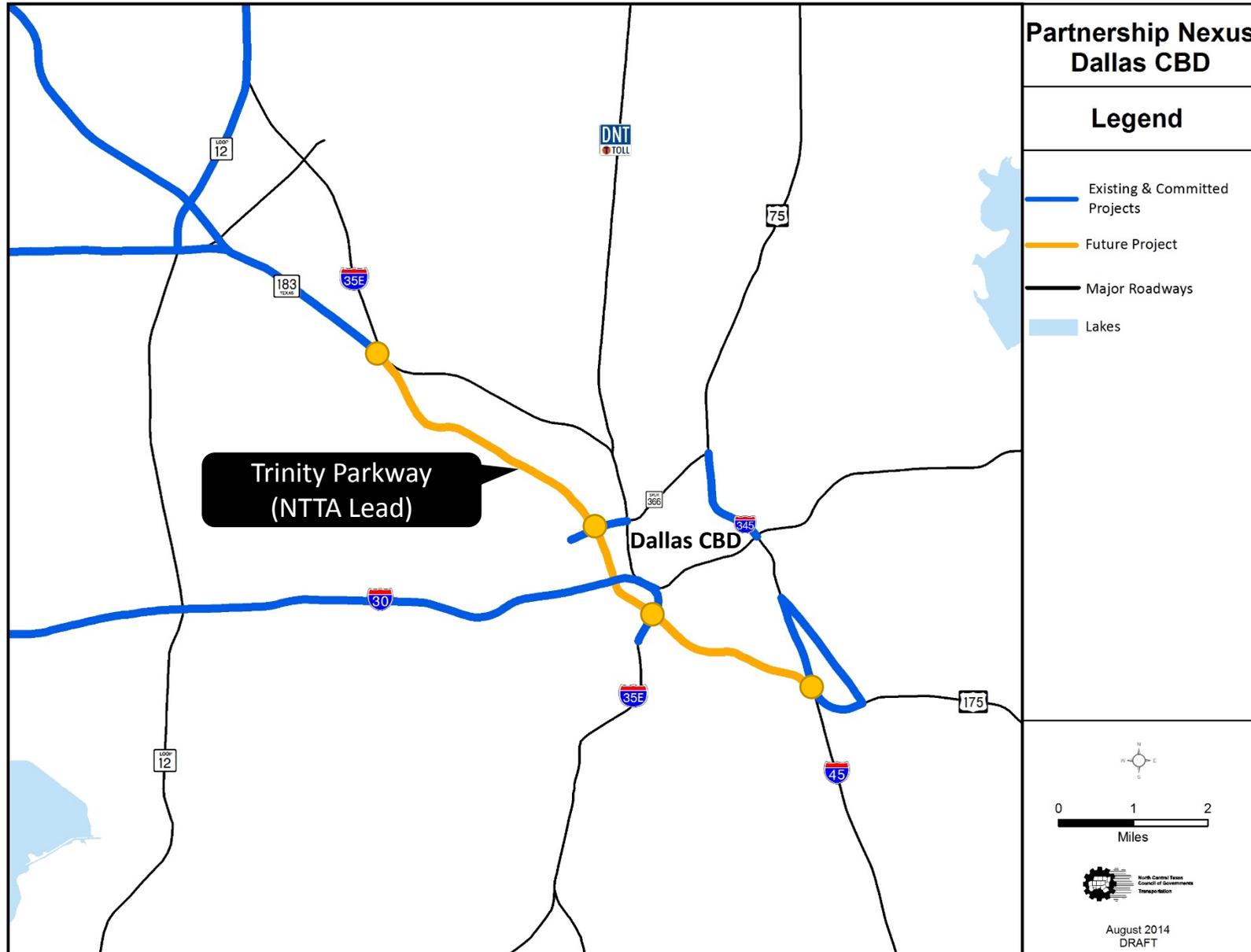
Trinity Parkway (NTTA)

Extension of Existing Project Authority

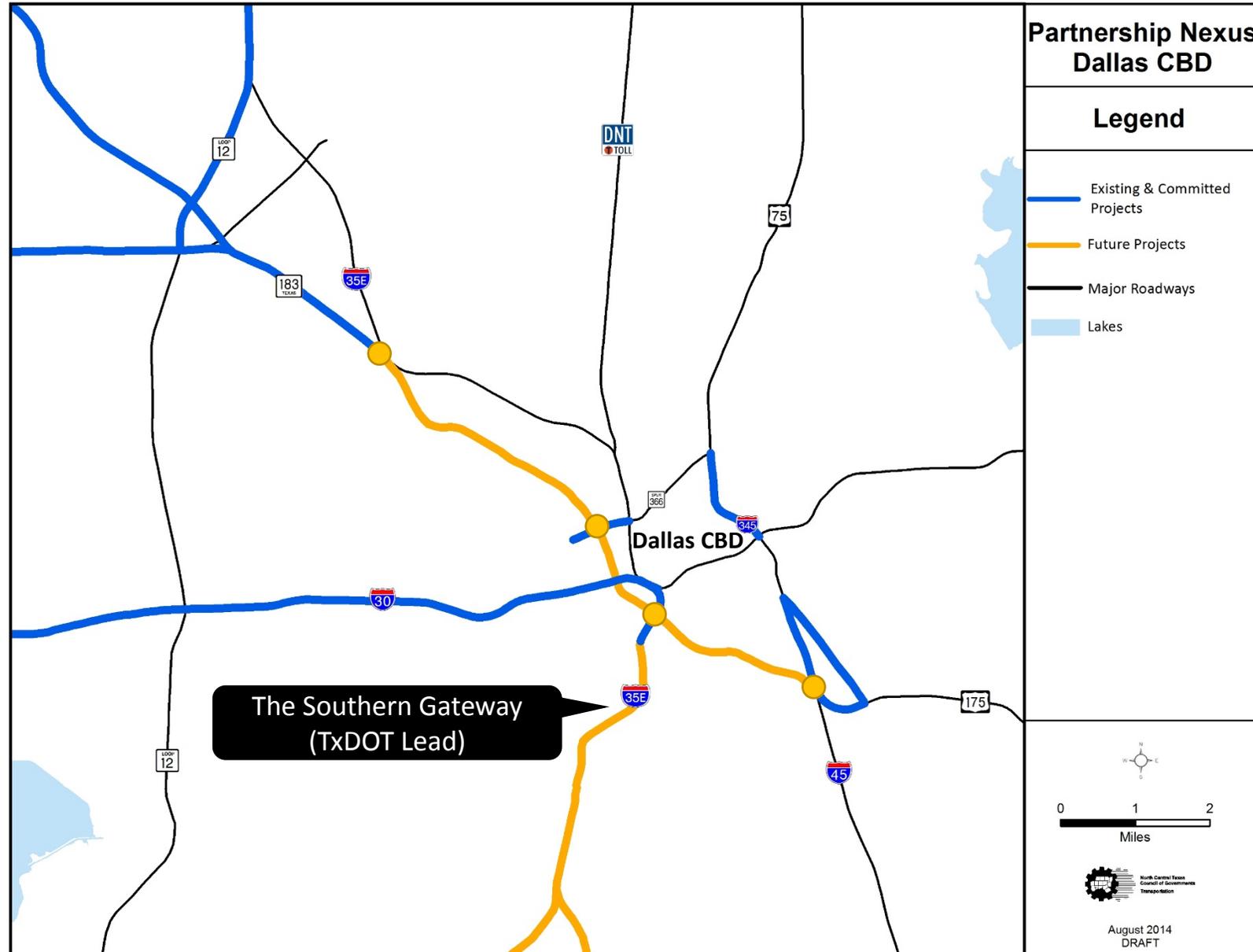
Roadway "System"



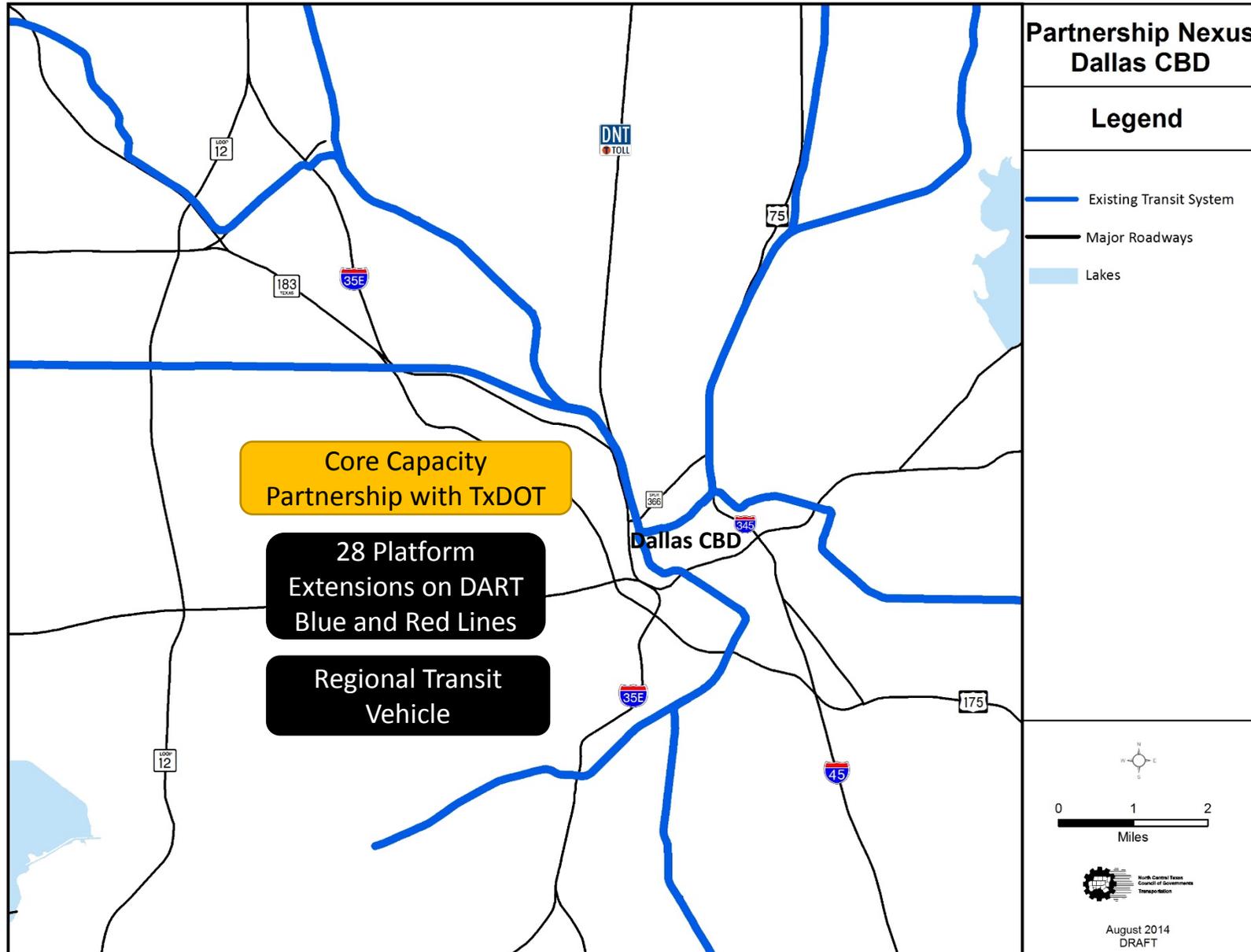
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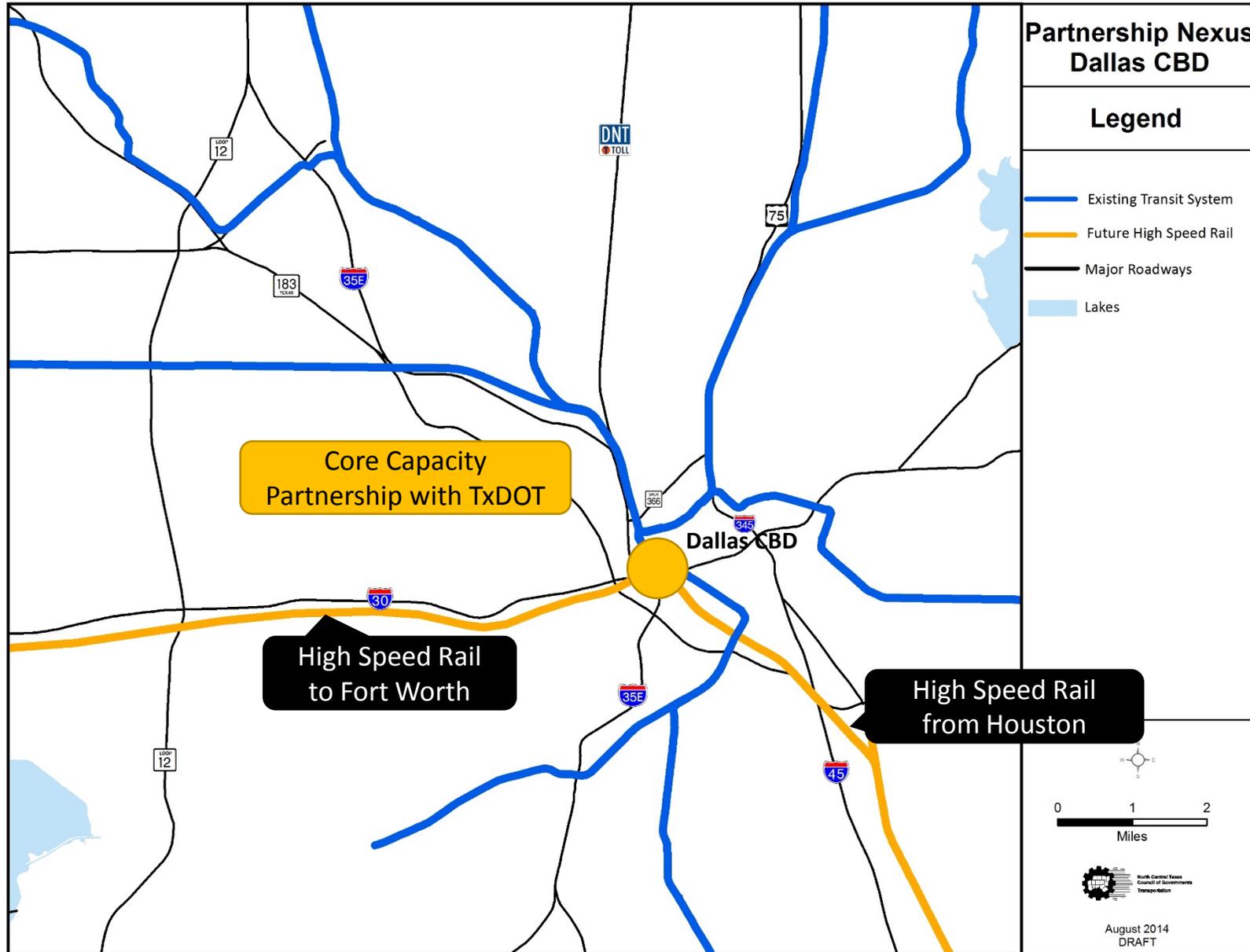
Roadway "System"



Transit "System"



Transit "System"



Economic Development/Neighborhood "System"

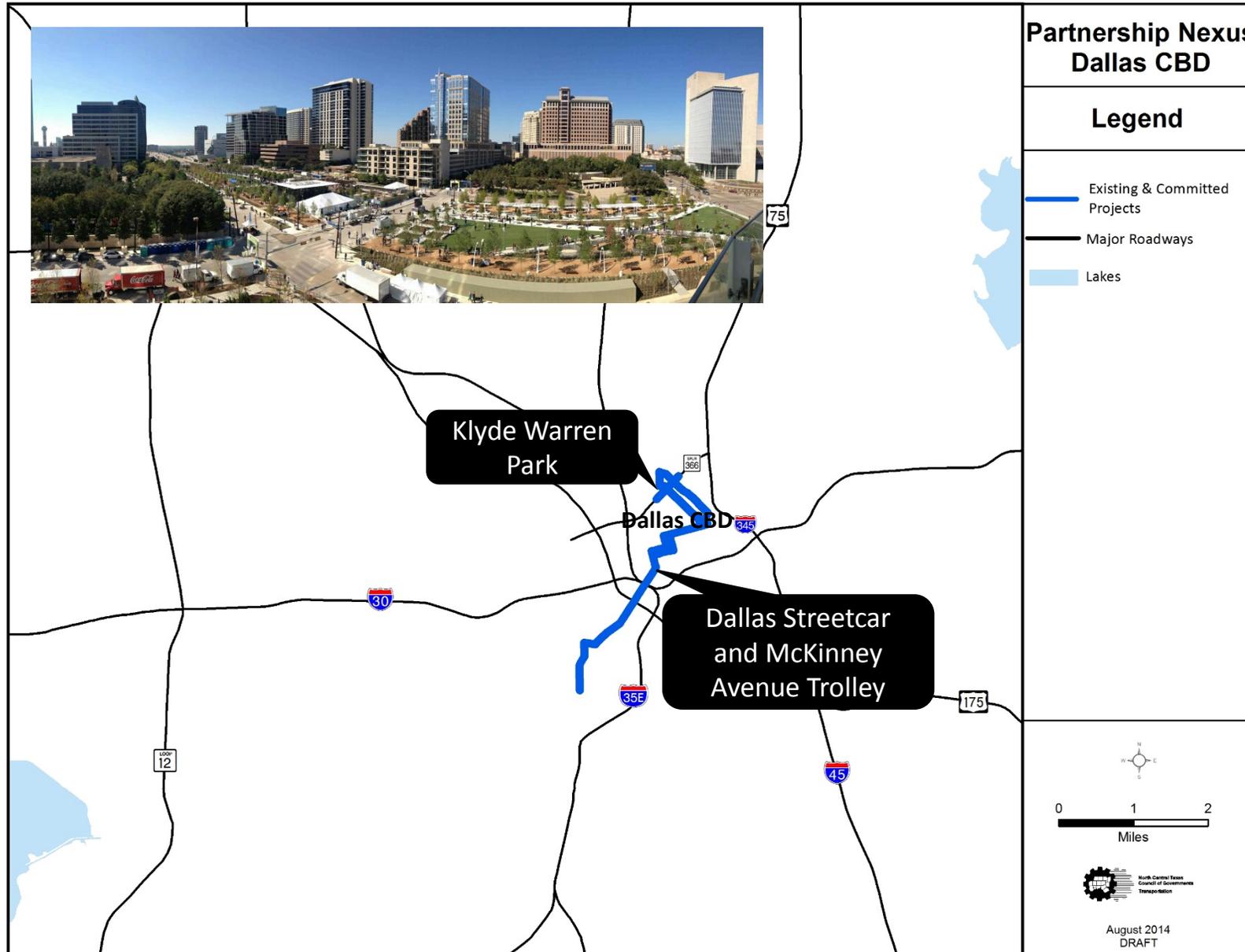
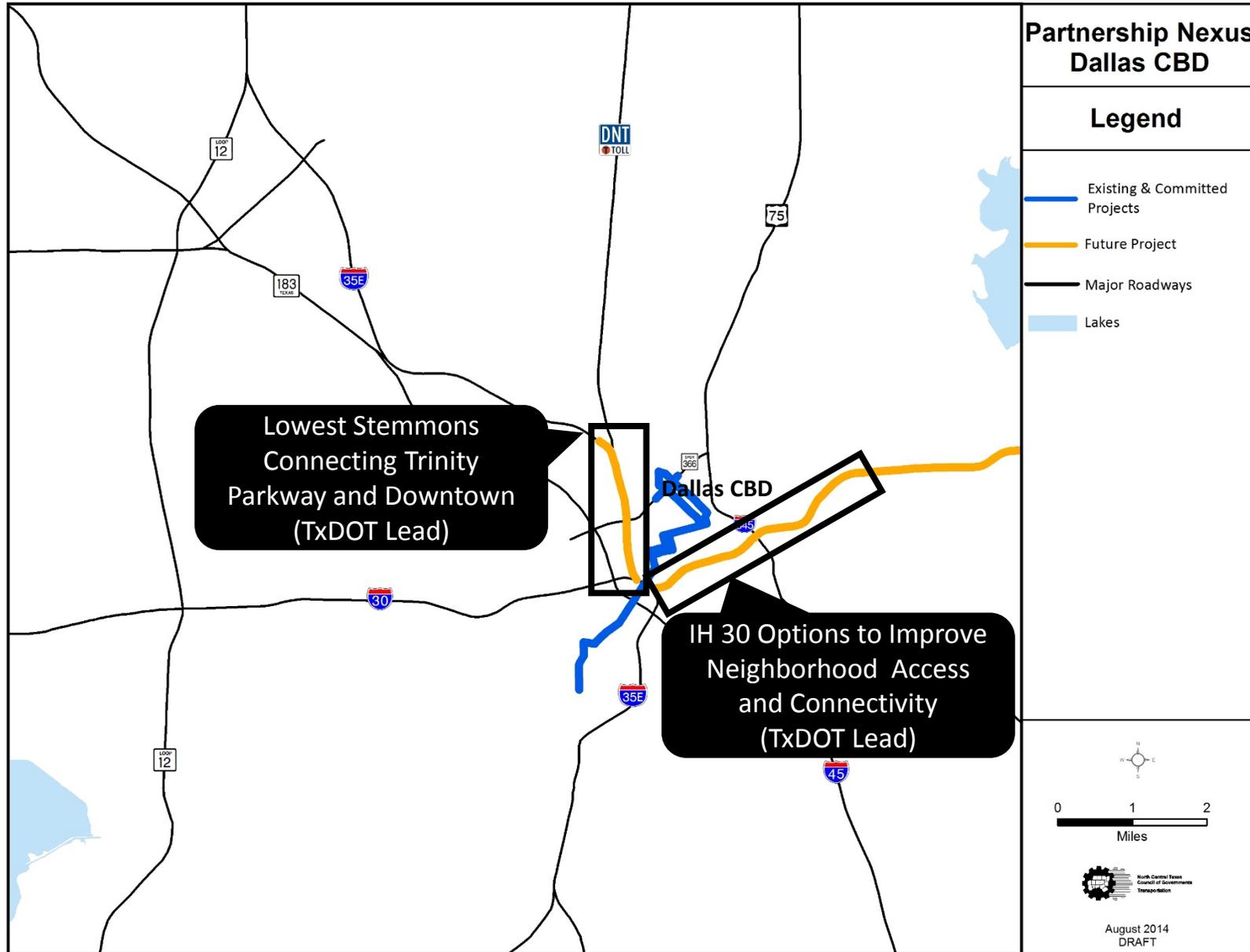
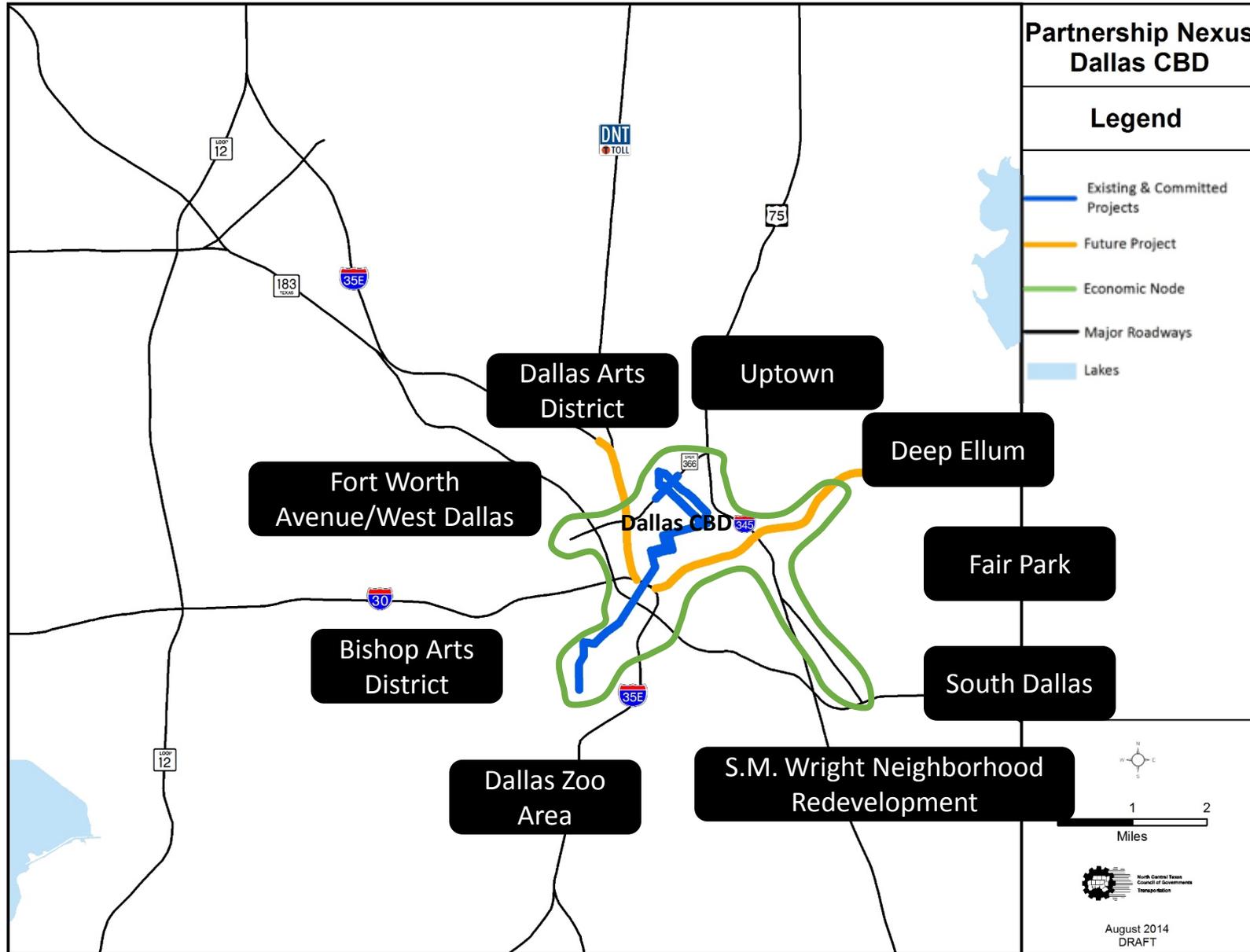


Photo Source: The Office of James Burnett

Economic Development/Neighborhood "System"



Economic Development/Neighborhood "System"





Thank you!