

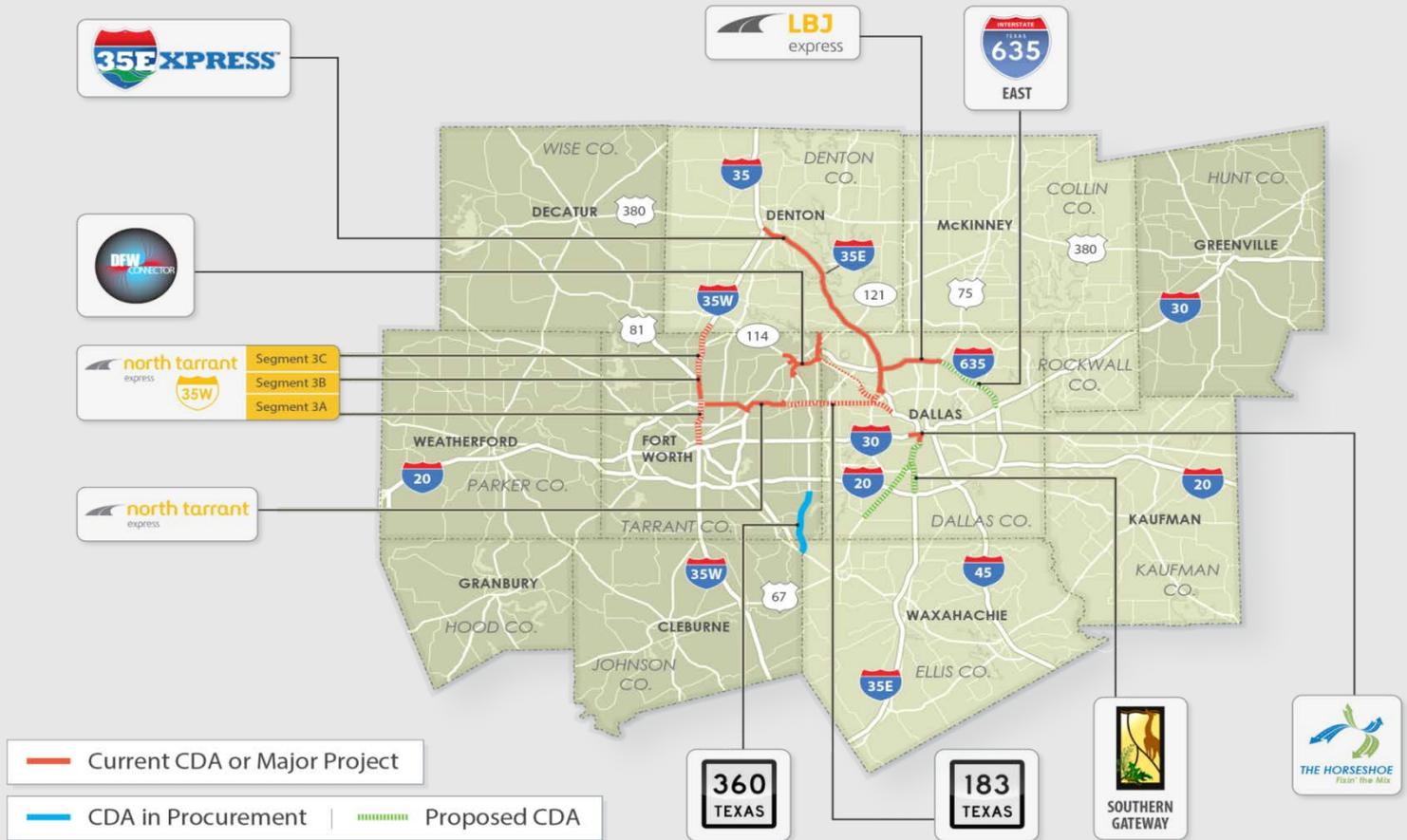


NORTH TEXAS PROJECTS OVERVIEW

Bill Hale, P.E., Brian Barth, P.E.
and Randy Redmond, P.E.



North Texas Strategic Projects



DFW Connector

- 8.4-mile, \$1.1 billion design-build project
 - **Work began:** 2010
 - **Substantial completion:** 2013
 - Nine months ahead of schedule
 - TExpress Lanes opened in April 2014 at zero cost
 - Tolls implemented in July 2014
- **Construction on FM 2499 began:** August 2013
- **Estimated completion of FM 2499:** 2017



DFW Connector



FM 2499 looking north at Bass Pro



FM 2499 at Grapevine Mills Mall

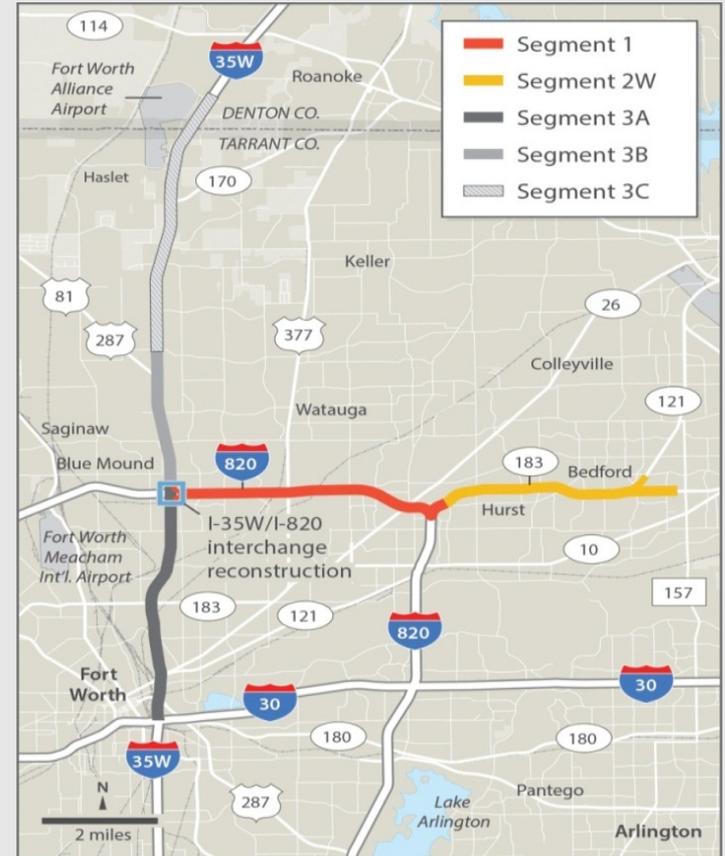


DFWC Substantial Completion



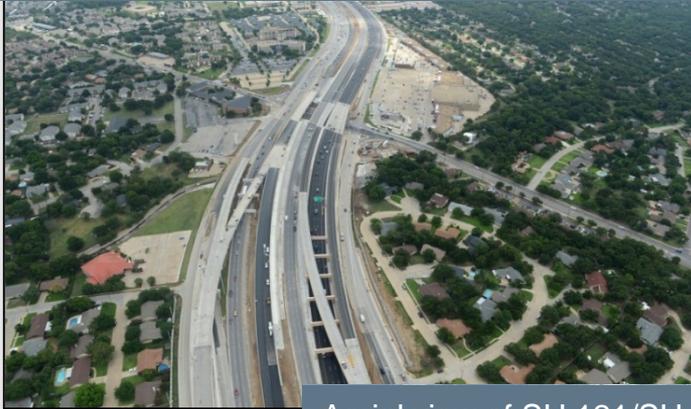
North Tarrant Express (NTE Segments 1 & 2W)

- 13.3-mile project
- **Construction began:** Late 2009
- **Substantial completion:** Late 2014
- Value: \$2.5B
- TxDOT funds: \$573M
- Private equity: \$427M
- Private financing (PABs, TIFIA): \$1.05B
- O&M lifetime: \$450M



North Tarrant Express (NTE Segments 1 & 2W)

Aerial view east of Northeast interchange



TEXpress lanes construction on NTE



Aerial view of SH 121/SH 183 interchange



I-820 looking east from Iron Horse Bridge



I-35W/North Tarrant Express (Segment 3)

- Total Project Value (3A/3B): \$2.25B
 - Segment 3A construction: \$1.4B
 - Construction, O&M, Tolling & ITS by Developer
 - **Groundbreaking:** May 1, 2014
 - **Substantial completion:** 2018
- **Segment 3B construction:** \$244M
- Construction by TxDOT
- O&M, Tolling & ITS by Developer
- **Construction began:** May 2013
- **Substantial completion:** 2016
- **O&M by developer:** Approx. \$610M



I-35W/North Tarrant Express (Segment 3)



3B: I-35W widening north of I-820

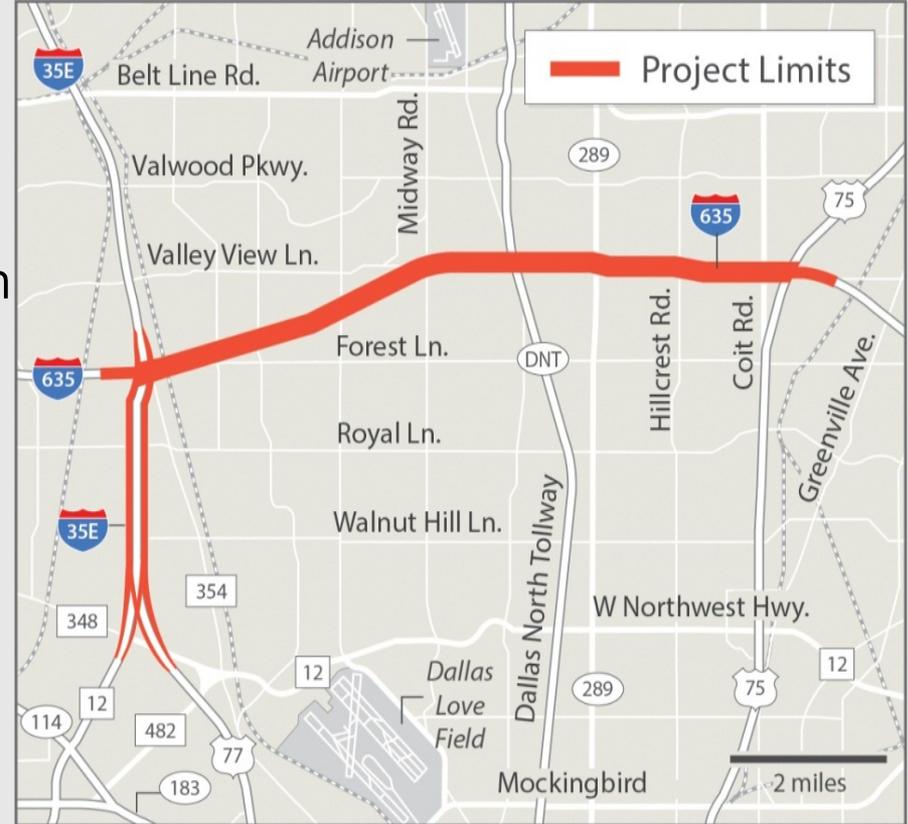


3B: I-35W at US 81/287

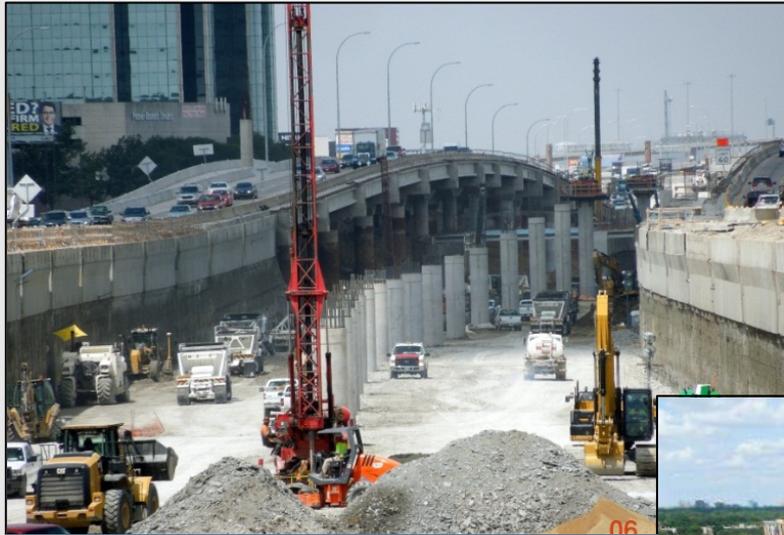


3A: Initial work near downtown Fort Worth

- **Total Project Value: \$3.2B**
 - O&M: \$500 million
 - Design-build: \$2.7B
 - Required public funds: \$496 million
 - Private equity: \$664 million
 - Private finance: \$1.465 billion
- **Work began: Early 2011**
- **Substantial completion: Late 2015**
 - Segment 3B opened: Dec. 2013
 - Segment 1 opened: July 2014



LBJ Express



Depressed lanes between Preston-Midway



Elevated lanes along I-35E



Future TEXpress lanes (center) on LBJ at I-35E

Horseshoe Project

- Cost: \$798 million
- Funding: Various sources
- Construction of Dallas' second signature arched bridge, the Margaret McDermott Bridge
- **Construction began:** Summer 2013
- **Substantial completion:** Early 2017



Horseshoe Project



I-35E looking south at Colorado Blvd.



I-30/35E Mixmaster, downtown Dallas



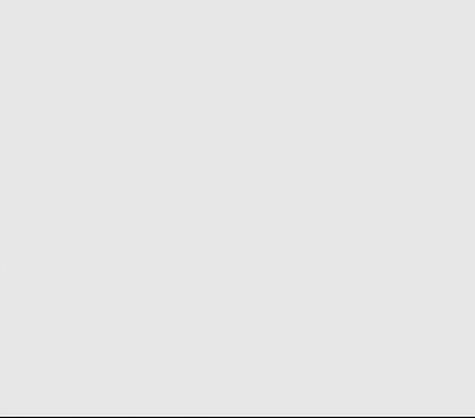
I-30 east looking toward downtown Dallas

- Project Cost
 - Phase 1: \$1.4B
 - Phase 2: \$3.4B
- Funding: TxDOT/Regional Toll Revenue/TIFIA
- **Phase 1** construction began: Fall 2013
- **Phase 1** Substantial completion: 2017





I-35E at Lake Lewisville Bridge



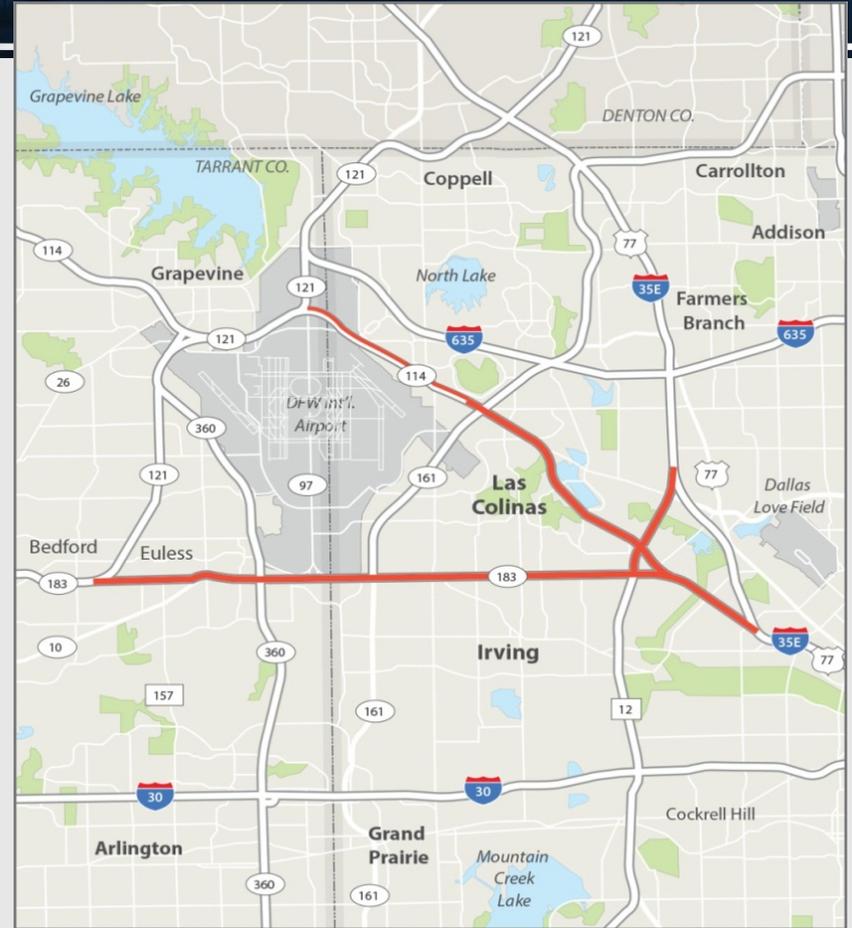
Future I-35E at Garden Ridge Blvd. (rendering)



Demolition at I-35E and Belt Line Road

SH 183 Managed Lanes

- Developer selected: May 2014
- Cost: \$847 million
 - Base project and four additional scope components
- 28 miles (SH 183, Loop 12, SH 114)
- **Construction start:** Late 2014/early 2015
- **Substantial completion:** 2018



State Highway 360

- Agreement for toll road reached with North Texas Tollway Authority, February 2014
- Phase 1: \$300 million
- Short listed five developer teams: July 2014
- Release of Final RFPs: September 2014
- Proposal due date: January 2015
- Construction start: Fall 2015
- Scheduled completion: Late 2018
- Handed over to NTTA for operation upon completion; TxDOT costs repaid by tolls and backstopped by region



State Highway 360



Renderings of SH 360 project, southern Tarrant County



West 7th Street Bridge

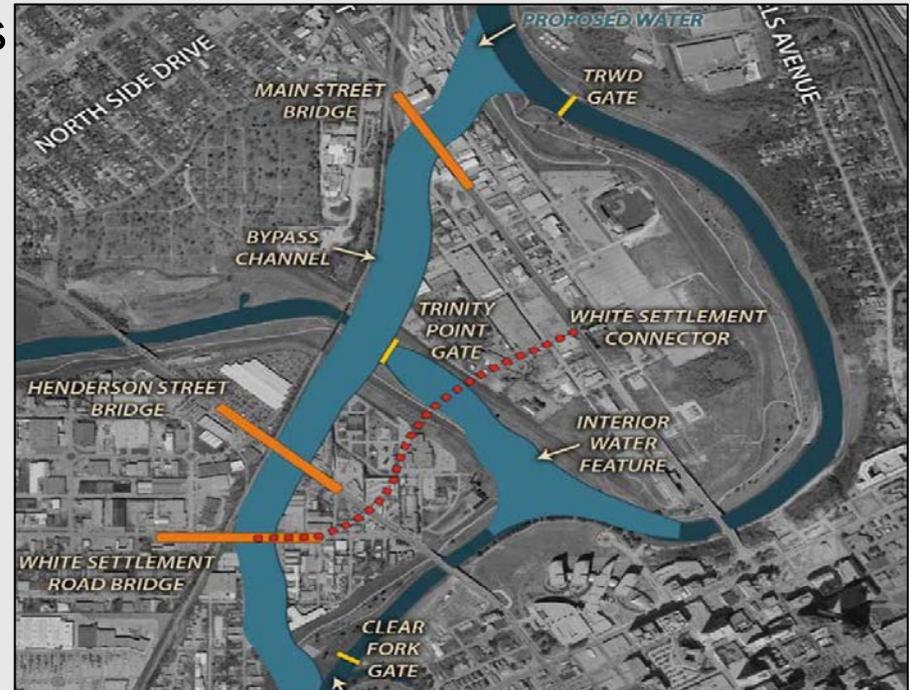
- World's first pre-cast network arch bridge
 - \$26 million
 - Completed: Fall 2013
 - Original structure 100 years old
 - Replaced with “thru arch” signature bridge
 - Improved safety and pedestrian access
- 2-year project; half the work off-site
 - Quick construction minimized lane closures
 - Finished structure: six spans, 981 feet
 - Partnership: Fort Worth, TxDOT, Chesapeake and Sundt

West 7th Street Bridge



Trinity River Vision Bridges

- Construct 3 new bridges for bypass channel
 - Henderson Street (SH 199)
 - Main Street (Business 287)
 - White Settlement Road (local street)
 - Construction Cost: **\$66 million**
 - Awarded to Texas Sterling: **May 2014**
 - Construction Begins: **Fall 2014**
 - Est. Completion: **2018**



Chisholm Trail Parkway

- I-20/SH 183 Mobility Improvements
 - Lower SH 183 main lanes
 - Arborlawn bridge
 - Frontage roads
 - New ramps
 - Foundations for future direct connectors
 - \$117 million in ARRA funds
 - **Completed:** Spring 2014
- Toll Road
 - Est. Cost: \$1.4 billion
 - 28 miles from downtown Fort Worth to Cleburne
 - **Completed:** Summer 2014



I-20/SH 183 – Chisholm Trail

Arborlawn Bridge Extension



Chisholm Trail Parkway – SH 183 Mobility Improvements



NTTA Toll Gantry, Chisholm Trail

