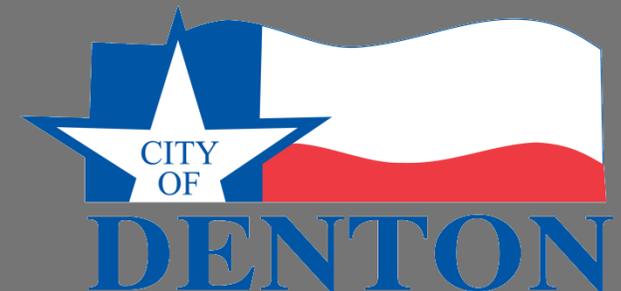


Current and Near-Term Transportation Projects
City Council Presentation
January 16, 2018

Mark Nelson - Transportation



PROJECTS:

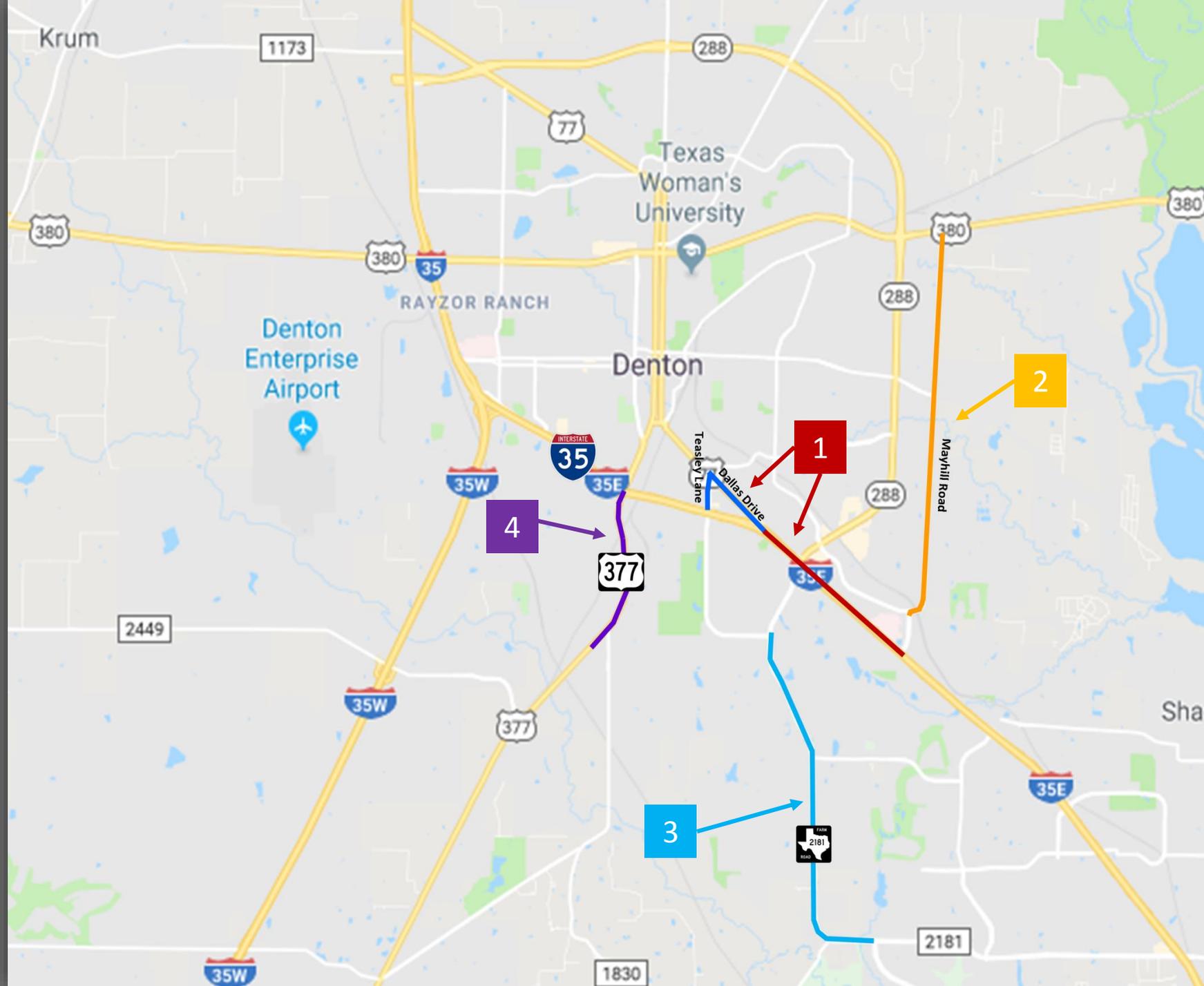
1) IH-35E: Phase 1B

- Main Lane Capacity
- Lane Shifts
- Intersection Enhancements
- Dallas Drive/Teasley

2) Mayhill Road

3) FM 2181

4) US 377



IH-35E: PHASE 1B

Main Lane Shift and Schedule: Loop 288 to Mayhill

Phase 1 Step 1:

- Complete new southbound frontage road
- Shift current southbound frontage road traffic
- Shift southbound general purpose (GP) lane traffic to old southbound frontage road
- Move northbound GP lane traffic to current southbound GP lanes
- Open Mayhill U-turn
- Construction Started March 2017
- Estimated Completion March 2018

Phase 1 Step 2:

- Construct northbound GP lanes and bridges
- Estimated Completion July 2018



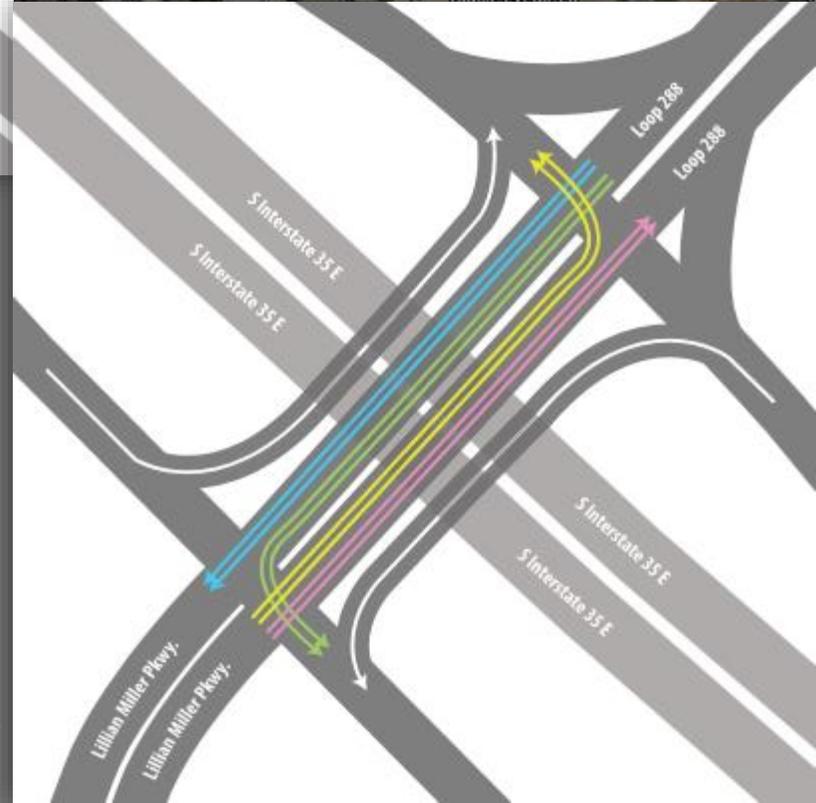
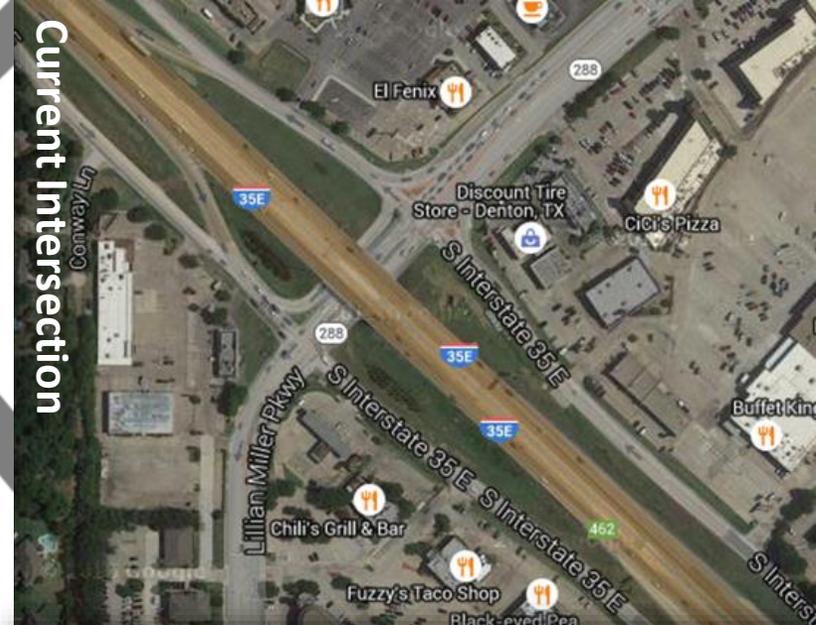
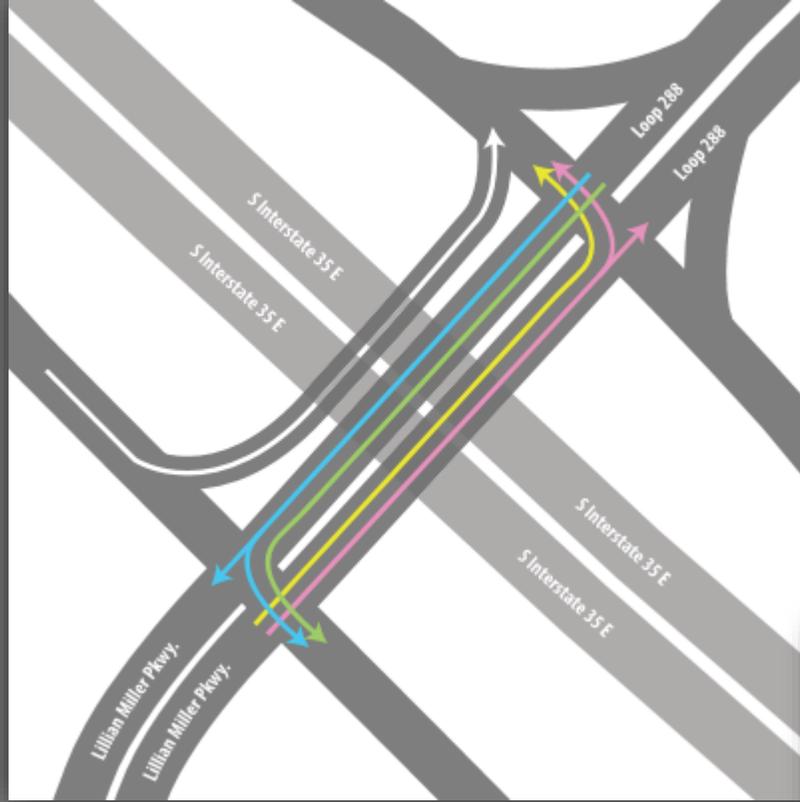
- Frontage Road
- - - New Frontage Road
- General Purpose or Main Lanes

IH-35E: PHASE 1B

Loop 288 Access Improvements

Current:

- Two lanes each direction
- Dedicated left turns from the left lane and optional left/thru
- One sub-standard Texas U-turn



Improved:

- Four lanes each direction
- Two thru lanes each direction
- Two turn lanes each direction
- Texas U-turns will be constructed in both directions

Improved Intersection

IH-35E: PHASE 1B

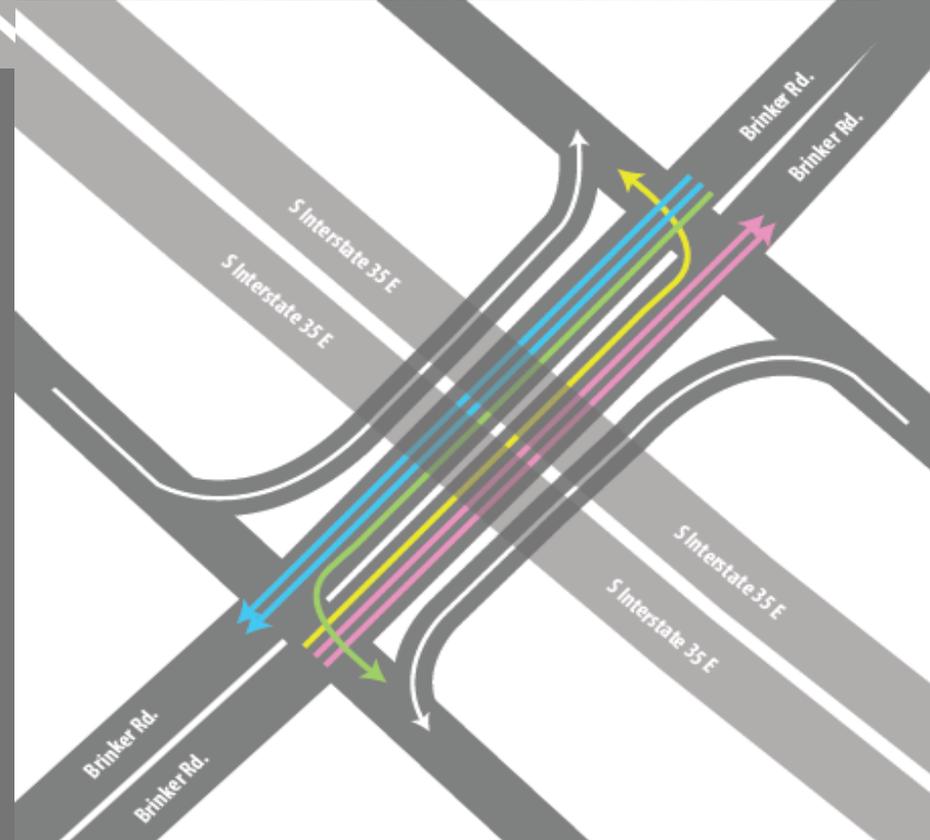
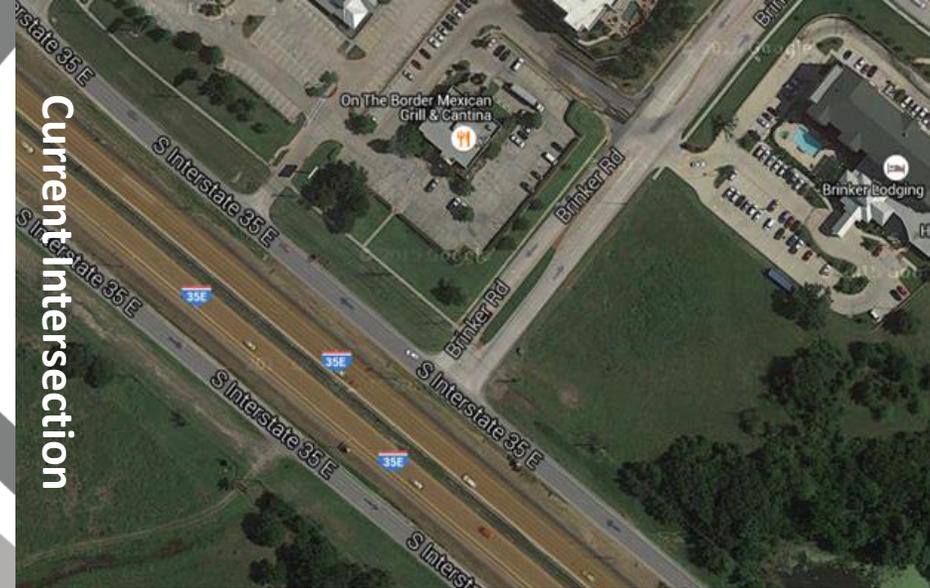
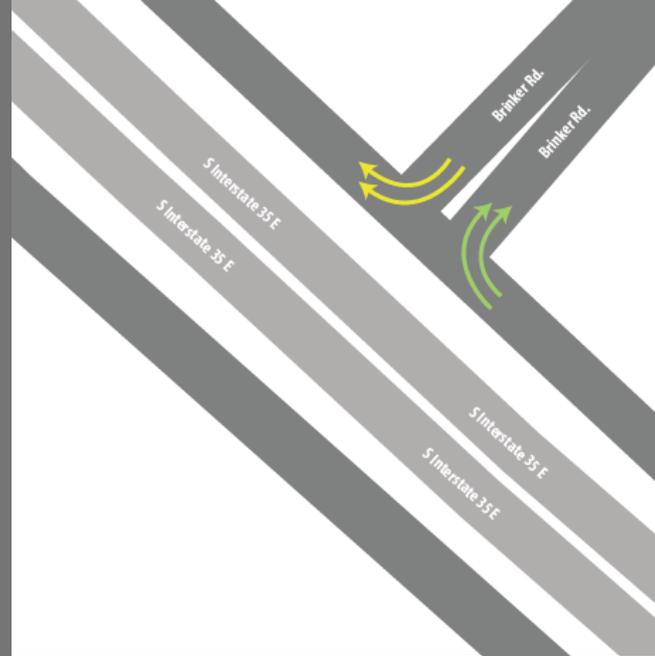
Brinker Access Improvements

Current:

- T-intersection
- Right in
- Right out

Improved:

- Brinker connection to southbound frontage road
- Three lanes each direction
- Inside lane used for left turns
- Remaining two lanes for thru traffic
- Signal to be added

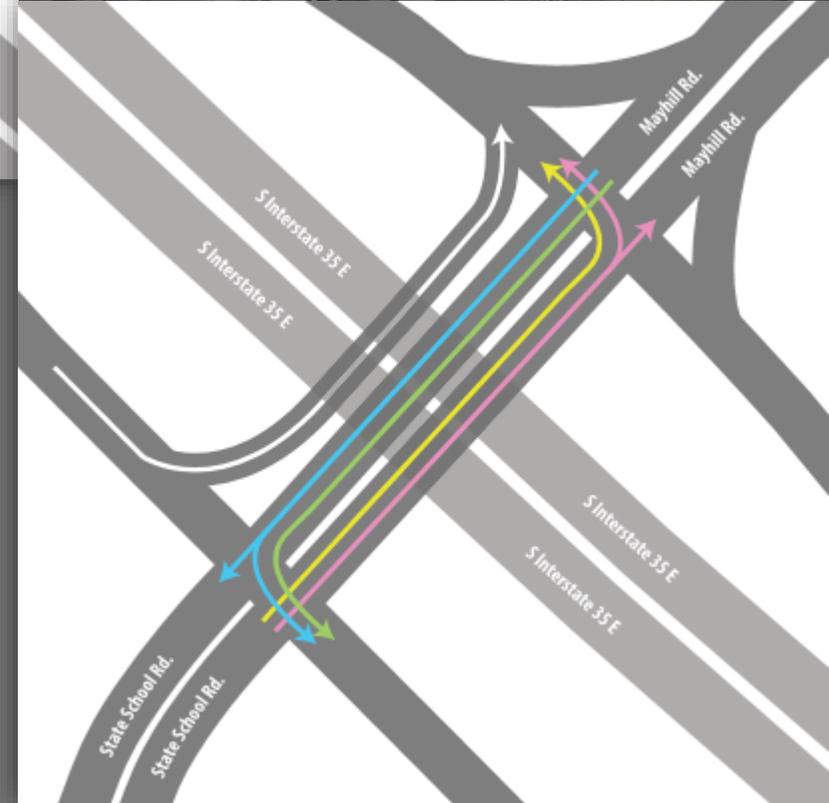
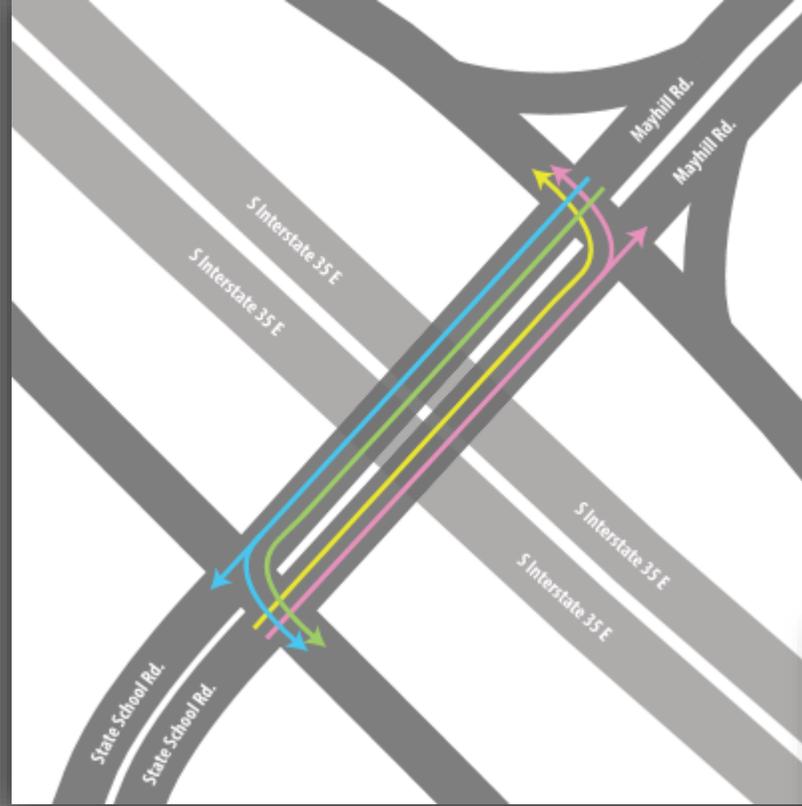


IH-35E: PHASE 1B

Mayhill Access Improvements

Interim Improvement:

- Texas U-turn Southbound frontage road to northbound frontage road
- Further enhancements are programmed (Slide 11)

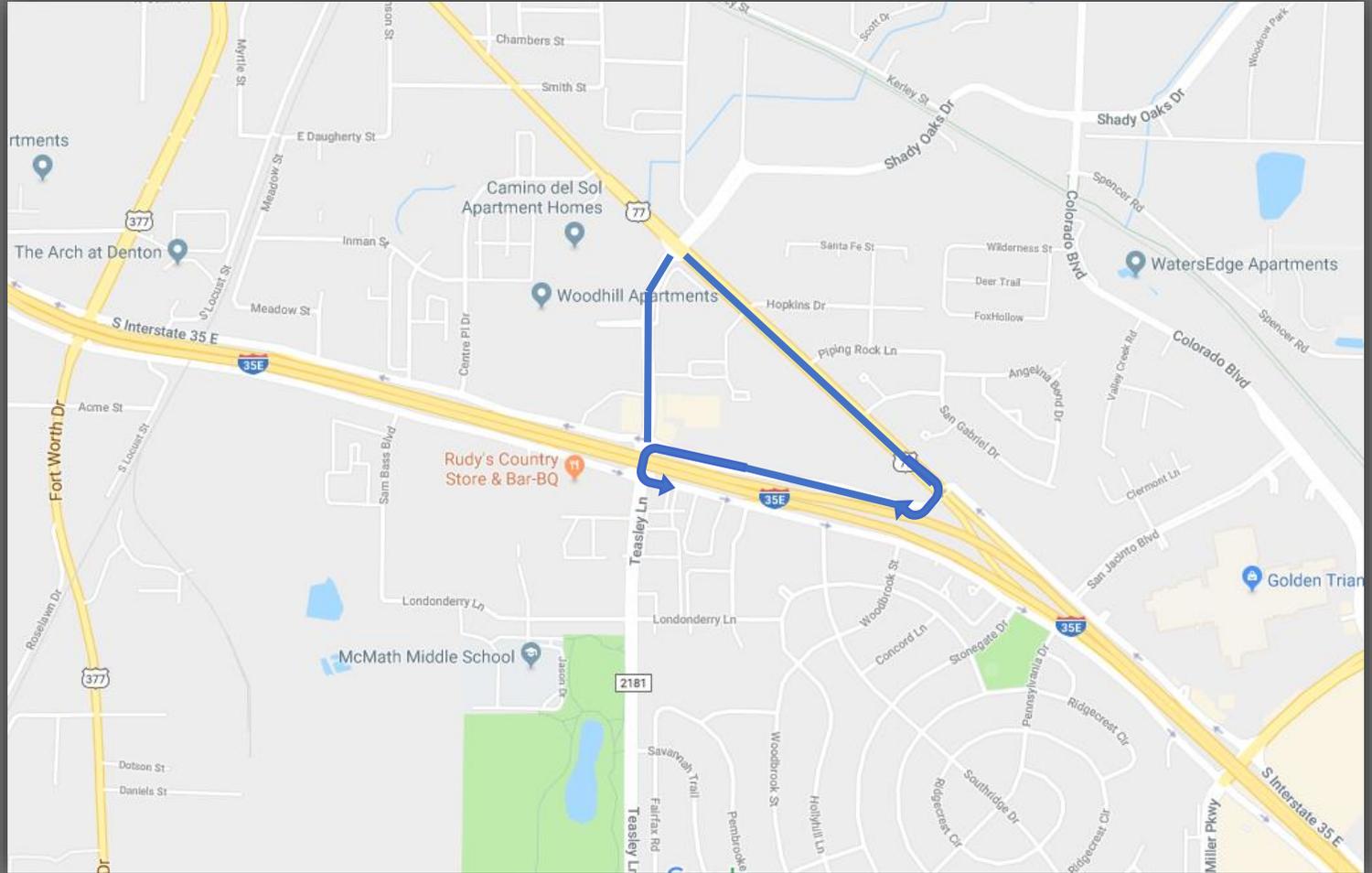


Improved Intersection

IH-35E: PHASE 1B

Dallas Drive Closure and Detour & Teasley Lane Impacts

- Dallas Drive entrance ramp to southbound IH-35E – closed for duration of project
- Necessary for IH-35E Loop 288 bridge structure
- Official detour directs southbound Dallas Drive traffic to northbound frontage road to southbound Texas U-turn at Teasley
- Congestion impacts to Teasley from Dallas Dr to IH-35E expected



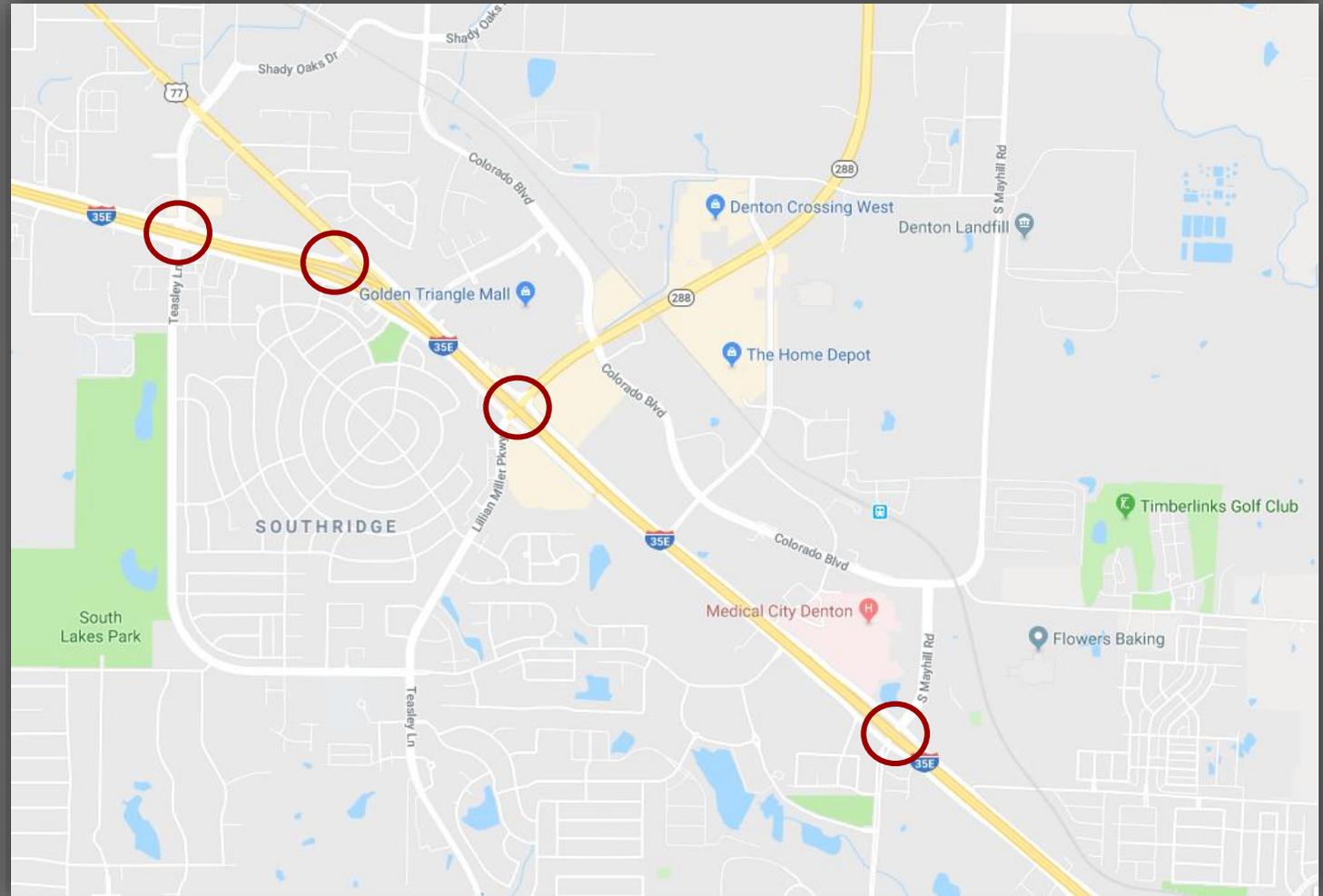
IH-35E: PHASE 1B

Construction Congestion

Spring 2018:

- Interchange at IH-35E and Loop 288
- Expect daytime traffic reduced to one lane in each direction
- Impacts to Dallas Drive
- Impacts to IH-35E/Teasley Lane

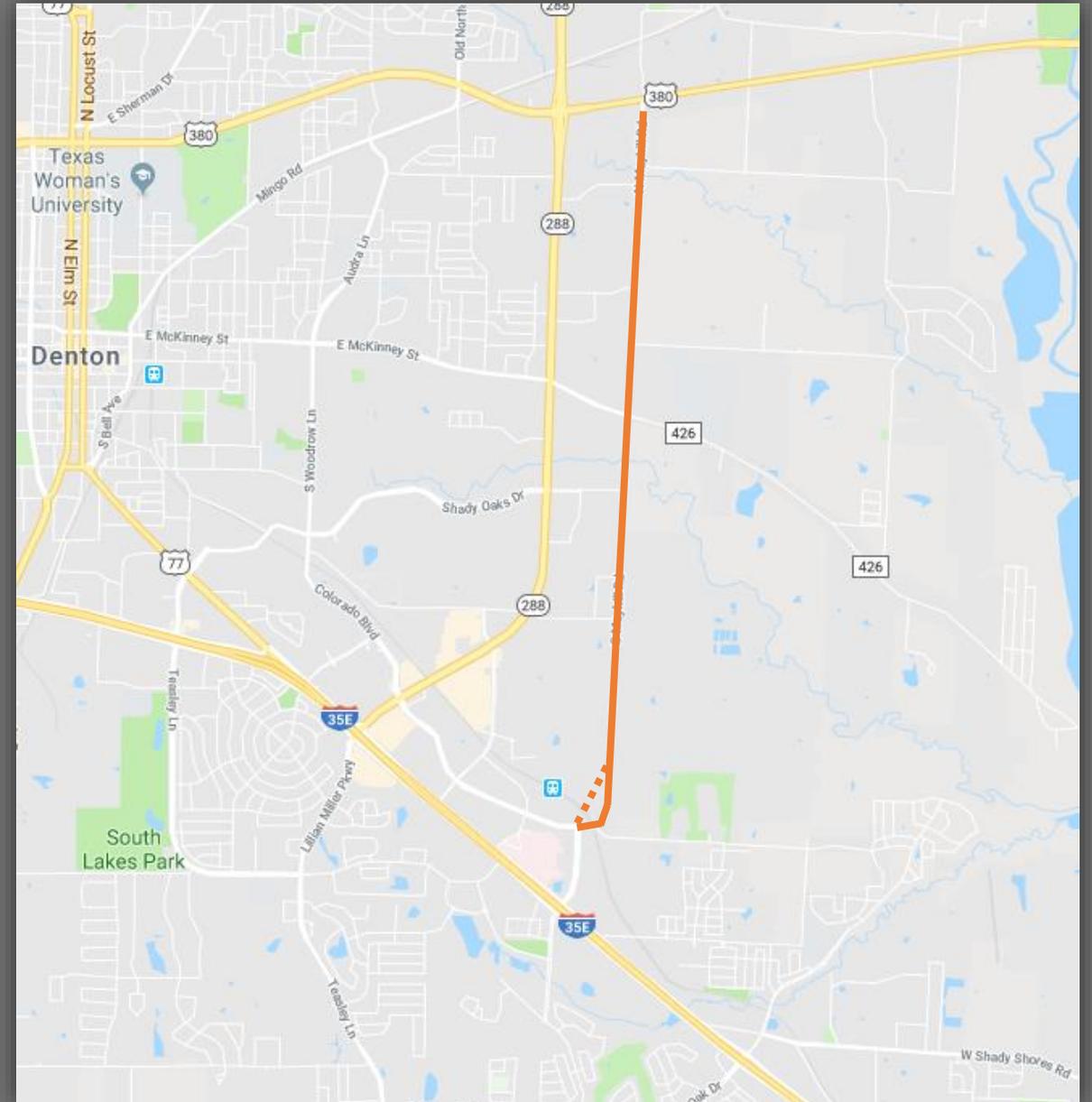
The travelling public will experience increasing levels of congestion along all of the secondary roadways along IH-35E from Teasley Lane (FM 2181) to south of Mayhill Road for the duration of the OHL project.



MAYHILL ROAD

From US 380 to Colorado Boulevard

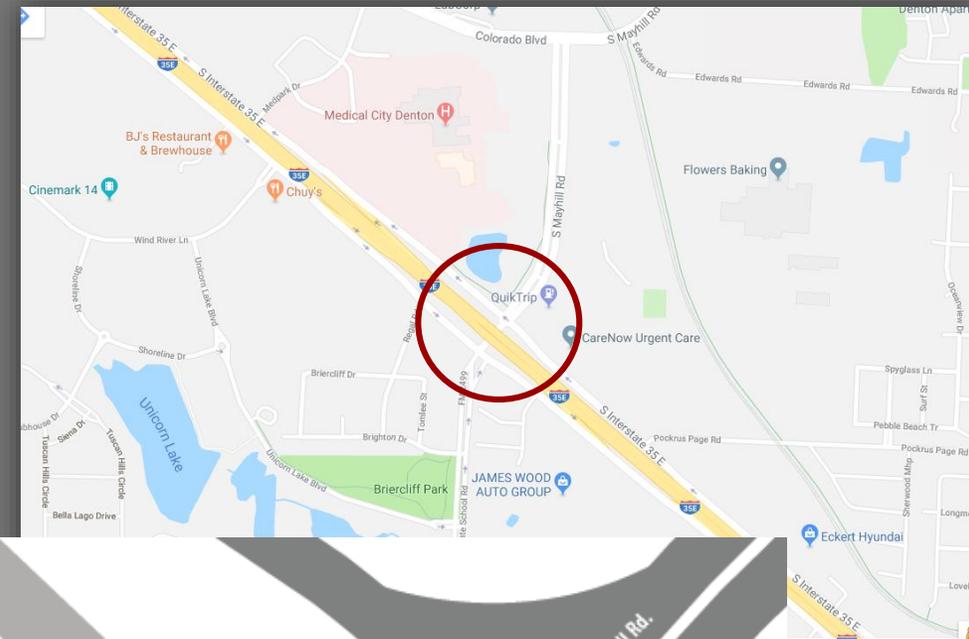
- Widening of Mayhill Road
 - Construction started June 2017
 - Widen existing two-lane roadway to four-lane urban roadway
 - Sidewalks and bike path
 - Construction is expected to be completed in February 2020
- NCTCOG committed funding for bridge separation of DCTA rail line
 - Complete Design - estimated 2018
 - Complete Construction – estimated 2021



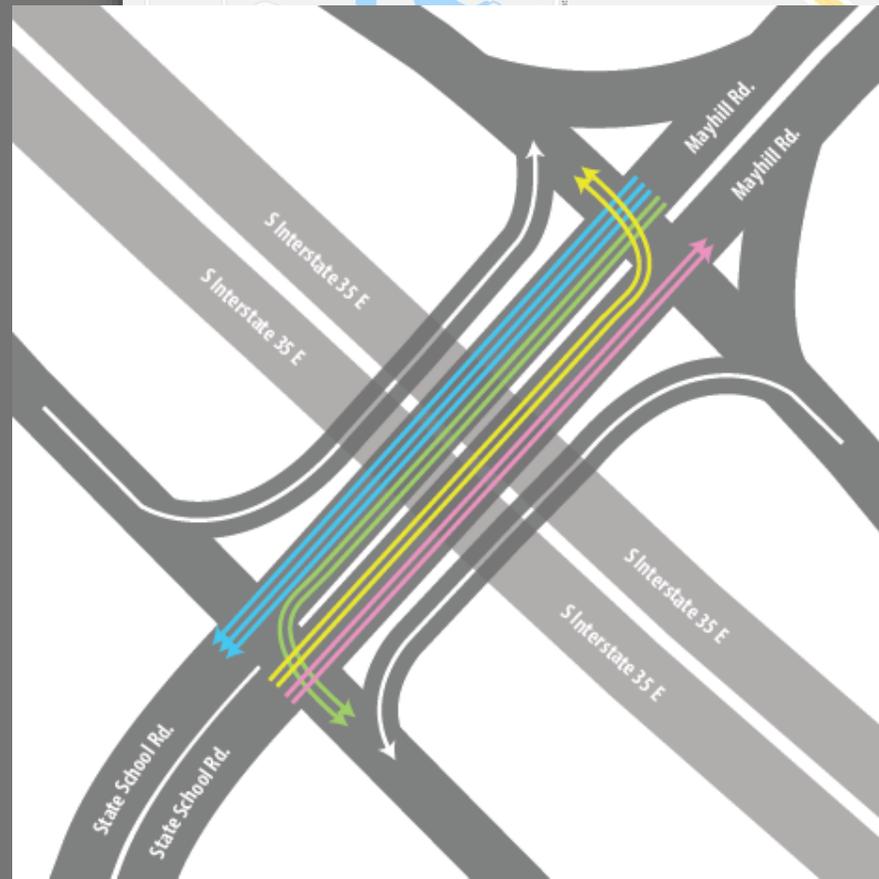
IH-35E/MAYHILL

Improvements at IH-35E Intersection

- Funding secured 2017
- Currently in design
- Widen Mayhill bridge under IH-35E to ultimate width
 - Two thru and two turn lanes northbound
 - Three thru and two turn lanes southbound
 - U-turns both directions
- TxDOT working with consultant to define construction schedule



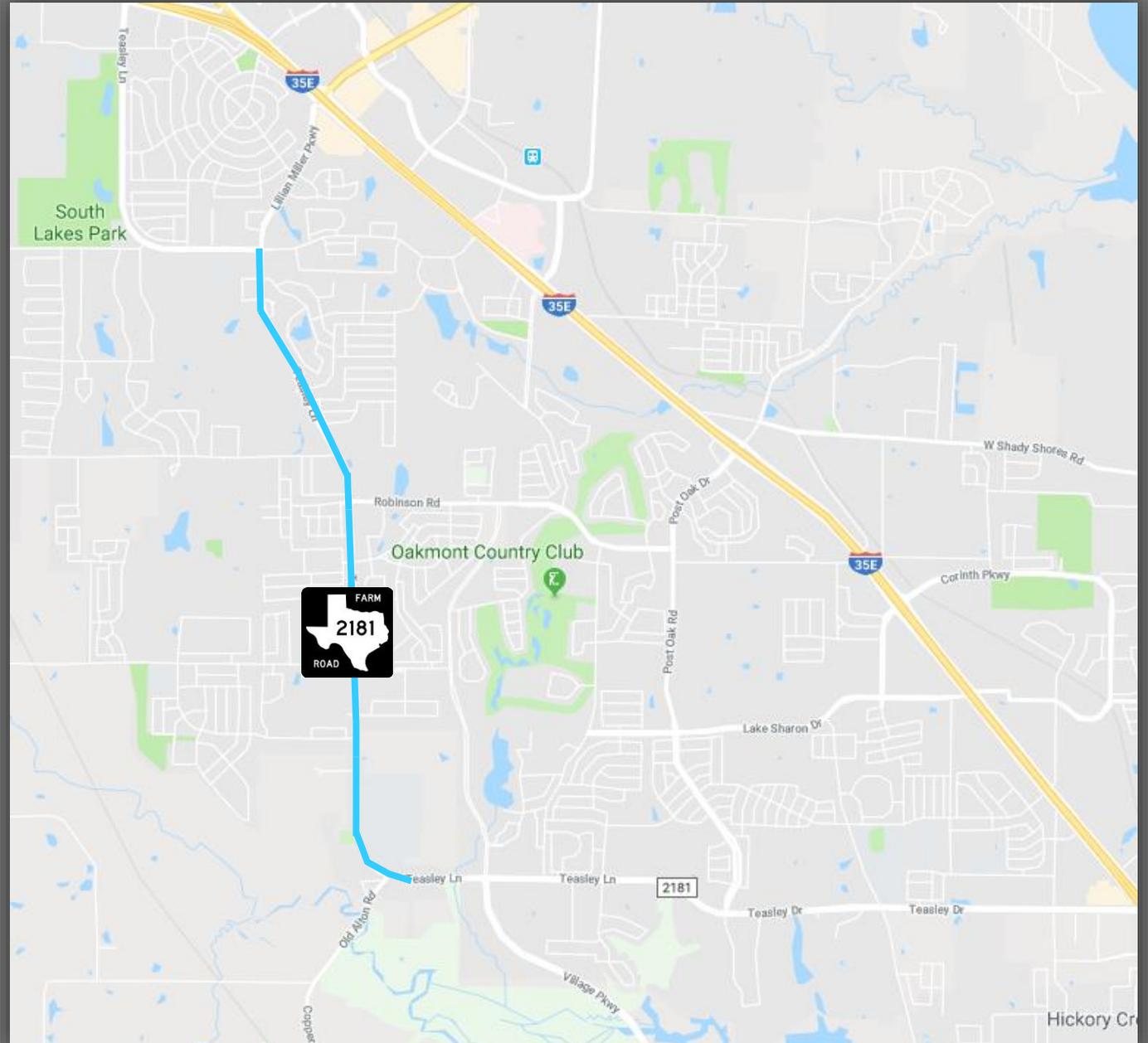
Improved Intersection



FM 2181/TEASLEY

From City of Denton/Corinth City Limits
to Lillian Miller

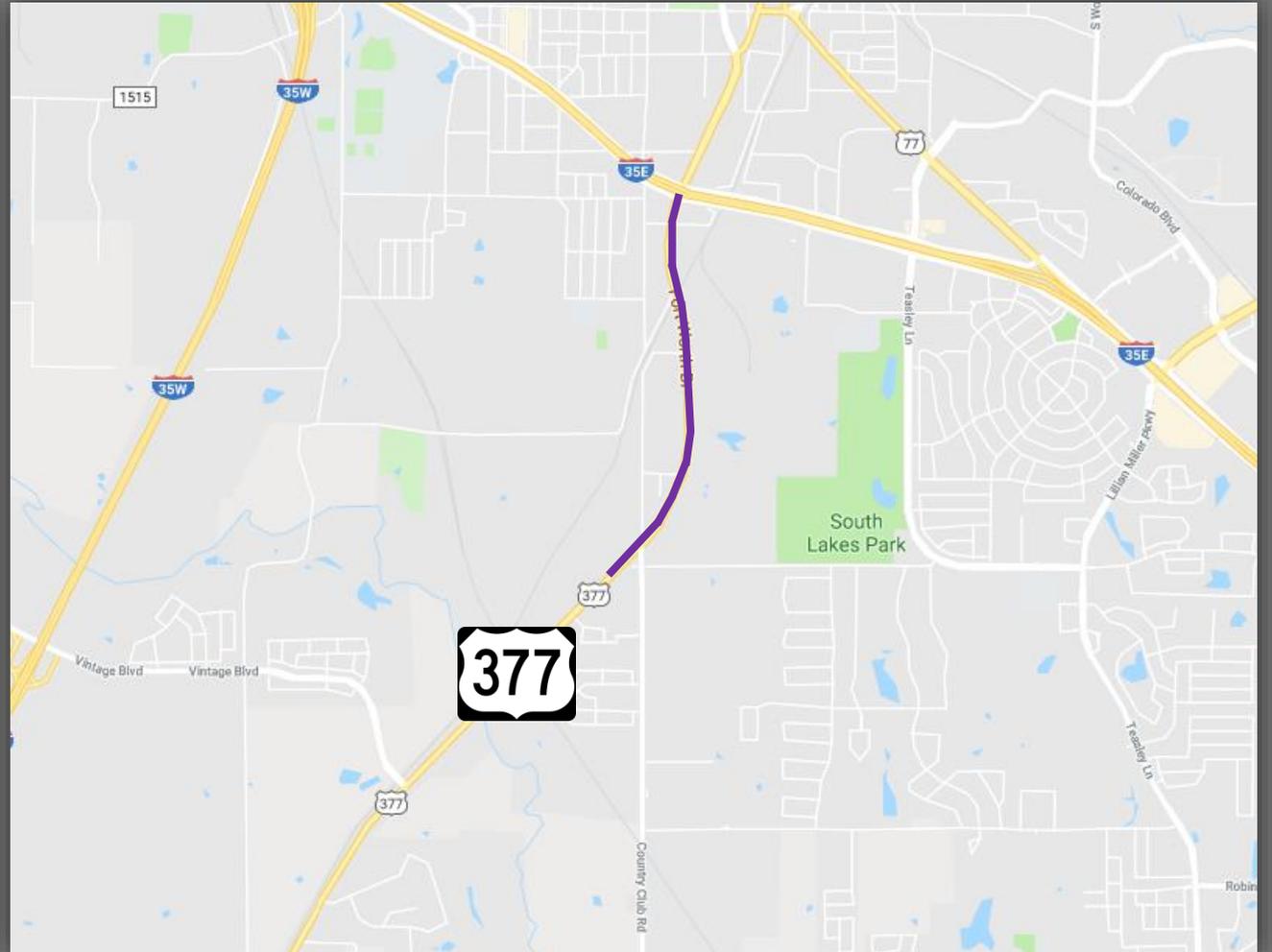
- Construction began Nov 6, 2017
- Widen two-lane roadway to six-lane divided urban roadway
- Signal at Robinson
- Signal at Sundown
- Sidewalks both sides
- Complete Construction - estimated January 2020



US 377/FORT WORTH DRIVE

From IH-35E to 0.26 Miles South of FM 1830

- Widen from a two-lane rural roadway to a six-lane roadway
- Replace existing UPRR bridge
- Intersection improvements at FM 1830/US 377/Hobson
- Construction expected Fall 2018
- Complete Construction – estimated August 2020



COMMUNICATION PLAN

Communications Efforts:

- Bi-weekly meetings with TxDOT Area Office and follow Dallas District TxDOT PIO for press releases
- Include information in Resident Newsletters
- Post updates on the City's website and social media
 - Monthly TxDOT On-System Report
 - TxDOT Press Releases
 - Social media alerts for traffic impacts and changes
 - Staff exploring development of a listserv for TxDOT updates
- Distribute information to Chamber of Commerce, Denton Convention & Visitors Bureau, and other outlets
- State of the City

US 377 Project Outreach:

- Meet with affected businesses
- Host joint public meeting prior to construction

CONCLUSION

Construction activities will be disruptive and frustrating

Staff will work with TxDOT and stakeholders to alert the public of changing conditions

Mark Nelson

Director of Transportation

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