

# **City of Denton On-system Project Status Report**

*Prepared by ITS*

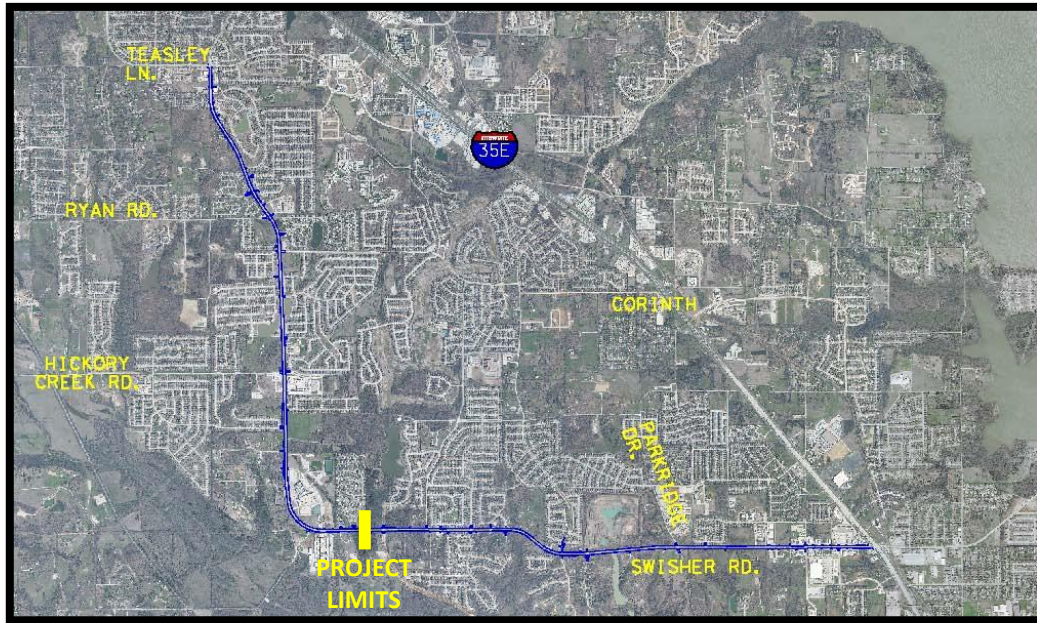
**February 2017**

## **PROJECTS**

- FM 2181 North-South
- FM 2499, Section 5
- US 377/Fort Worth Drive
- US 380 Urban
- US 380 Improvement Project – In Town
- FM 426
- Loop 288
- IH 35 North (US 380 to FM 3002)
- FM 1515
- IH 35/Loop 288/Brinker/Mayhill

# FM 2181 North-South

<b>CSJ:</b>	2054-02-015	<b>FONSI:</b>	January 28, 2008
<b>Project Description:</b>	Widen from two-lane to six-lane divided roadway	<b>100% Plans:</b>	*
<b>N/S Limits (From):</b>	City of Denton/Corinth City Limits	<b>ROW Acquisition Completed:</b>	January 25, 2013
<b>N/S Limits (To):</b>	Lillian Miller	<b>Utility Relocations Complete:</b>	May 2017
<b>Firm:</b>	Huitt-Zollars	<b>Let Date:</b>	August 2017
<b>Key Contact:</b>	David Nufer	<b>Construction Complete:</b>	*



## Current Activity:

- PS&E:** Huitt-Zollars requires receipt of 60% level utility relocation plans from City of Denton (Freese & Nichols) in order to proceed with 95% PS&E submittal. Received 65% CAD files from City of Denton and a PDF of 90% in progress set. Currently awaiting receipt of design plans from DISD (Teague, Nall & Perkins). **Huitt-Zollars is finalizing the 95% submittal package and anticipates submittal to TxDOT the week of February 6, 2017. Huitt-Zollars met with TxDOT District, City of Denton, and their consultant on January 3, 2017, to discuss City of Denton utilities and resolve outstanding conflicts.**
- Utilities:** TxDOT is working with the City of Denton to include city utilities as part of the construction project at a fixed cost. **See attached utility update.**
- Funding:** The project is funded with \$18 million in Proposition 1 (CAT 2), \$2.1 million in Proposition 1 (CAT 11), and \$3.8 million in Proposition 1 (CAT 1).

# Utility Coordination Report: FM 2181 North-South

January 19, 2017

**City of Denton** – Utility will be incorporated into the construction contract. Plans are at 90%.

**Frontier Communications** – Construction has begun. Anticipated completion is in May 2017.

**Charter Communication** – Phase I (Robinson to Guyer High School) is complete. Anticipated completion for Phase II (Guyer High School to Bluebonnet) is in May 2017.

**CoServ Gas** – Complete

**DME** – Complete from Lillian Miller to Hickory Creek. All overhead relocations complete. Anticipated completion for section from Guyer High School to Bluebonnet Drive is in mid-February 2017.

**UTRWD** – Potholing 2 existing crossings and working on design for an additional crossing. No completion date available at this time. Working with City of Denton on joint use agreement. The agreement is in review.

**Grande** – No completion date available at this time. Grande to relocate on DME poles. Currently working on final design. Anticipated completion date is in March 2017.

**Oncor** – Complete

**Atmos** – Complete

## FM 2499, Section 5

<b>CSJ:</b>	2681-01-012
<b>Limits (From):</b>	FM 2181
<b>(To):</b>	IH-35E
<b>Length:</b>	2.97 miles
<b>Construction Cost:</b>	\$34,857,000
<b>Description:</b>	Construct six-lane divided urban roadway
<b>Firm:</b>	Halff Associates
<b>Key Contact:</b>	Mike Romanowski
<b>FONSI:</b>	November 3, 2010
<b>Environmental Re-Eval:</b>	April 25, 2014
<b>100% PS&amp;E:</b>	January 2012
<b>ROW Complete:</b>	February 2014
<b>Utilities Relocated:</b>	Phase I completed March 2015; Phase II completed December 2016
<b>Project Tracker Let Date:</b>	July 8, 2014
<b>Construction Complete:</b>	November 2017



### Current Activity:

- **PS&E:** Final 100% bid set was submitted in May 2014.
- **Utilities:** All utilities are clear.
- **Funding:** This project is fully funded with Regional Toll Revenue.
- **Construction:** The project let on July 8, 2014. The contract was awarded to Webber, LLC, in the amount of \$34,857,000.00, which was 3% over the estimate. The contract calls for 505 working days and 24 months of barricades. Construction began on April 20, 2015. See attached TxDOT construction report. The project is being constructed in two phases. Phase I is from FM 2181 north to Robinson, and Phase II is Robinson to IH-35E.
- **Other:** Continuous six-foot sidewalks on both sides of the roadway, as well as outside rider shared-use lanes, are planned.

# TxDOT Monthly Project Report

Date of report: January 11, 2017

Report prepared by: Mark Wiley

Project: **C 2681-1-12**

Control: **2681-01-012**

Highway: **FM 2499**

Limits: From: FM 2181 north

To: IH 35E

Contractor: **Webber, LLC**

TxDOT Project Manager: Mark Wiley

Contractor's Superintendent: Daniel Hoyt

Phone: (469) 203-1494

Date Work Began: April 20, 2015

Anticipated Completion Date: November 2017

## **Current Activities:**

**Current activities include:** Continuing installation of culvert 6, excavation, installation of fascia walls, putting in detours at State School Road, placing concrete paving from Robinson to FM 2181.

**Narrative description of last month's activities:** Continued on sound wall, placing concrete on bridge, continued installation of culvert 6 and back fill, and detours at State School Road.

**Narrative description of activities planned for next month:** Placing concrete paving on south side of Robinson Road. Continue sound wall and retaining wall installations.

**Traffic issues:** Detour at State School Road. Shifted traffic from the west side to the east side in order to finish culvert work; detour should last nine months.

**Plans for changes in traffic patterns:** None

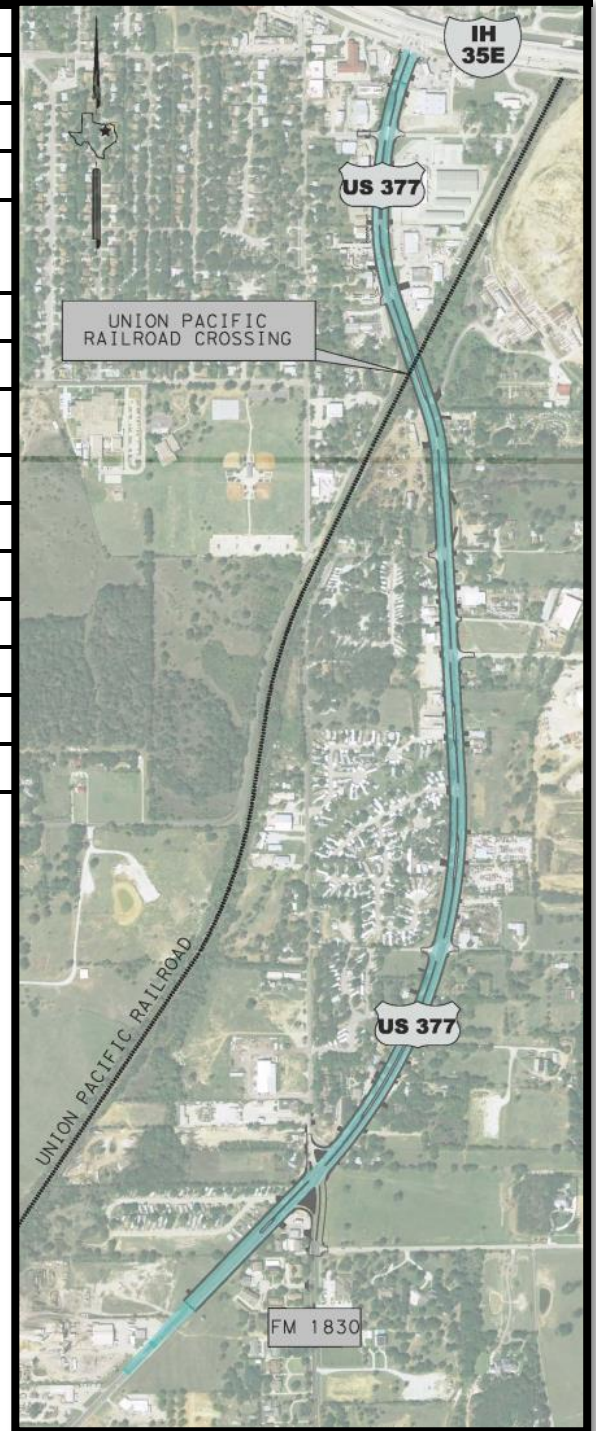
**Item(s) of work currently controlling project completion:** Placement of concrete paving. Placing of sound walls.

**Other items of significance:** N/A



## US 377/Fort Worth Drive

<b>CSJ:</b>	0081-04-025; 0081-04-035
<b>Limits (From):</b>	IH 35E
<b>(To):</b>	0.26 miles south of FM 1830
<b>Est. Const. Cost:</b>	\$25.9 million
<b>Project Description:</b>	Project will widen US 377 from a two-lane rural roadway to a six-lane urban section and replace existing UPRR bridge
<b>Firm:</b>	Lochner
<b>Key Contact:</b>	Greg Delgado
<b>Funding:</b>	\$13 million in Proposition 1 and \$4.7 million in RTR
<b>Schematic Approved:</b>	July 2009
<b>Environmental Clearance:</b>	April 25, 2012
<b>Final Plans:</b>	February 2017
<b>ROW Complete:</b>	October 2014
<b>Utility Relocation Complete:</b>	April 2017
<b>Project Tracker Let Date:</b>	February 2017
<b>Construction Complete:</b>	*



### Current Activity:

- **PS&E:** Lochner submitted 95% roadways plans, 90% Exhibit A, and supporting documents on February 5, 2016. The Exhibit A was reformatted to meet UPRR requirements. The 95% bridge plans were also included. Lochner submitted revised plans on May 27, 2016. City of Denton has requested that Lochner include fiber optics conduit and ground boxes for future use. TxDOT has agreed to include the City of Denton plans, and Lochner will include.
- The City of Denton, UPRR, and TxDOT have asked for additional work on the project. Lochner has been working with UPRR to address their comments from the 95% submittal. The track raise is now being allowed, and an alternate alignment has been proposed that would remove the reverse curve proposed in the 95% plans.
- Lochner addressed City of Denton requests for two left-turn lanes from southbound US 377 to eastbound IH 35, additional lanes at the US 377/FM 1830/Hobson Drive intersection, and added communications conduit along the length of the project.
- Exhibit A was submitted to UPRR on September 1, 2016, for final review.
- After finalizing the grading plan, it is evident that retaining walls will be required along the UPRR. A geotechnical engineer has been obtained to provide a geotech report to determine the maximum allowable side slope.

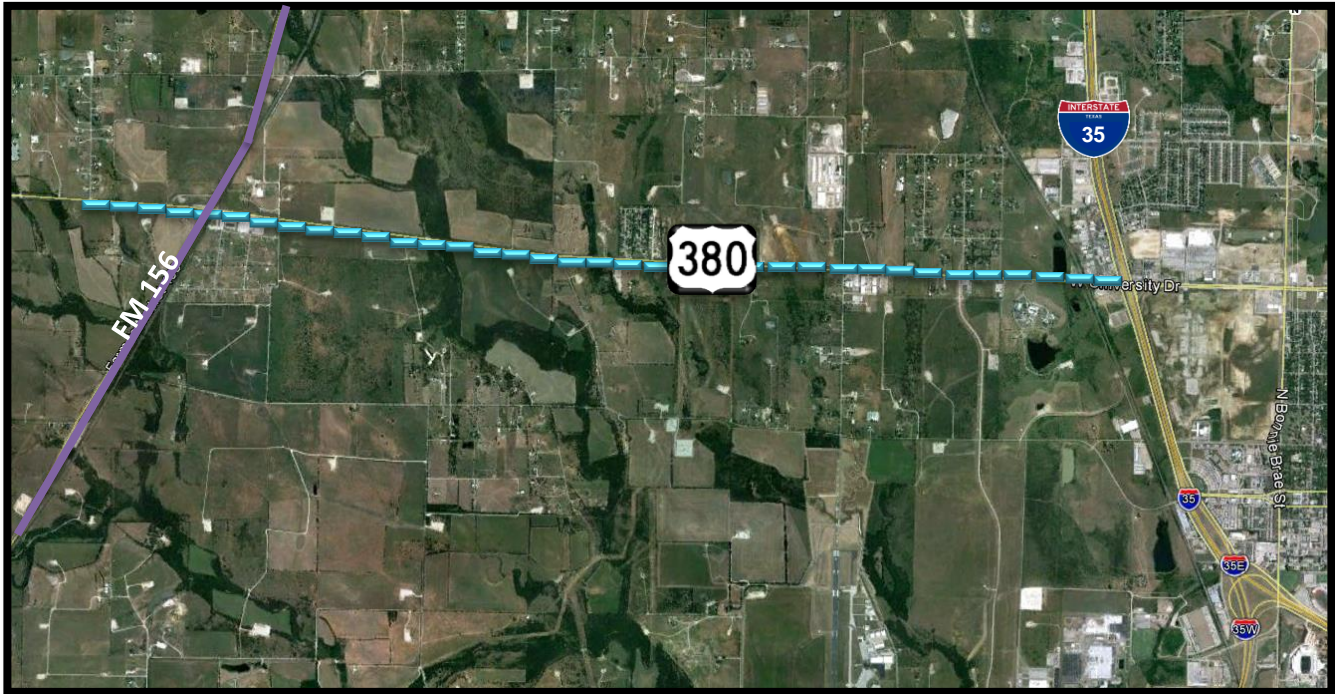
- Awaiting geotech report to begin retaining wall design. Due to an oversight on the Environmental Document, sound walls are now required along US 377 from Sta 118+40 to Sta 131+23. Supplemental agreement with Lochner to include these sound walls in the plans has been approved. Geotech report has been requested for the design of these walls. Awaiting geotech report. Lochner has addressed UPRR 95% rail comments and is awaiting TxDOT resubmittal comments. All PS&E and Exhibit A design work is complete. Upon receipt of geotech report, Lochner will complete retaining wall design and coordinate with UPRR. Design will more than likely be completed in February 2017.
- **UPRR:** Agreement reached on UPRR track raise, bridge type, and alignment. Bridge design is complete, and plans were submitted to UPRR for review. Bridge comments have been received. Final bridge comments have been addressed and are waiting to be submitted with the final design package.
- **UTILITY COORDINATION (UC):** See utility status report below.

### US 377 Utility Status Report

UTILITY	STATUS	STATUS
ATMOS-MIDTEX-UTILIQUEST	Active	Estimated completion is in February 2017.
GRANDE COMMUNICATIONS	Clear	
DENTON MUNICIPAL ELECTRIC	Active	Estimated completion is in February 2017.
FRONTIER	Active	Estimated completion is April 2017.
CITY OF DENTON WATER/WASTEWATER	Active	City relocation plans are complete and will be included in construction plans. Plans were submitted to TxDOT.
COSERV ELECTRIC	Clear	
COSERV GAS	Clear	
Oncor Electric Distribution	Clear	
Devon Energy Corporation/Crosstex Energy Services (Merged)	Clear	
Denton ISD	Clear	
Level 3 Communications	Clear	
AT&T Distribution	Clear	
Charter Communications	Active	Dependent upon DME. Estimated completion is 60 days after DME. Estimated completion is end of March 2017.

## US 380 Urban

<b>Limits (From):</b>	West of FM 156	<b>Public Hearing:</b>	March 2006
<b>(To):</b>	IH-35	<b>FONSI:</b>	July 2006
<b>Est. Const. Cost:</b>	\$39,346,679	<b>100% Plans:</b>	April 2012
<b>Project Description:</b>	Widen 2-lane rural road to 6-lane urban facility	<b>ROW Coordination Complete:</b>	January 2012
<b>CSJ:</b>	0134-09-063	<b>Project Let:</b>	July 10, 2012
<b>TxDOT Contact:</b>	Ali Radaydeh, P.E.	<b>Construction Complete:</b>	February 2017



### Current Activity:

- **FUNDING:** Proposition 12 and additional Category 1 funds
- **CONSTRUCTION:** The project let on July 10, 2012. The project was awarded to Texas Sterling Construction Company for \$39,346,679.00, 6% under the engineer's estimate. This is a 36-month project, with a six-month delayed start for utility relocations. See attached TxDOT construction report.
- **OTHER:** TxDOT has warranted a signal at US 380/Western-Cindy Lane. The city and county have agreed to fund the design and construction of the permanent signal. A determination will be made as to which entity can expedite the schedule the quickest.
- A ribbon-cutting ceremony is being planned for this project. Date is yet to be determined.
- A speed study was completed, and the city is in the process of obtaining an ordinance. TxDOT has posted signage that conforms to the results of the study. Posted speeds are 45 mph through Masch Branch; 60 mph to just west of FM 156; and 65 mph from west of FM 156.



# TxDOT Monthly Project Report

Date of report: January 9, 2017

Report prepared by: Mike Glisson

Project: **NH 2012(635)**

Control: **0134-09-063**

Highway: **US 380**

Limits: From: West of FM 156

To: IH 35

Contractor: **Texas Sterling Construction Co.**

TxDOT Project manager: James Glisson

Contractor's Superintendent: Kenneth Blanco

Phone: (817) 876-2008

Date Work Began: May 28, 2013

Anticipated Completion Date: February 2017

## **Current Activities:**

**Current activities include:** Continued placing sod, punch list, east end turn lane from westbound to southbound, and frontage road widening.

**Narrative description of last month's activities:** Sod, westbound concrete paving tie-in at I-35, and punch list.

**Narrative description of activities planned for next month:** Punch list.

**Traffic issues:** None; all lanes open.

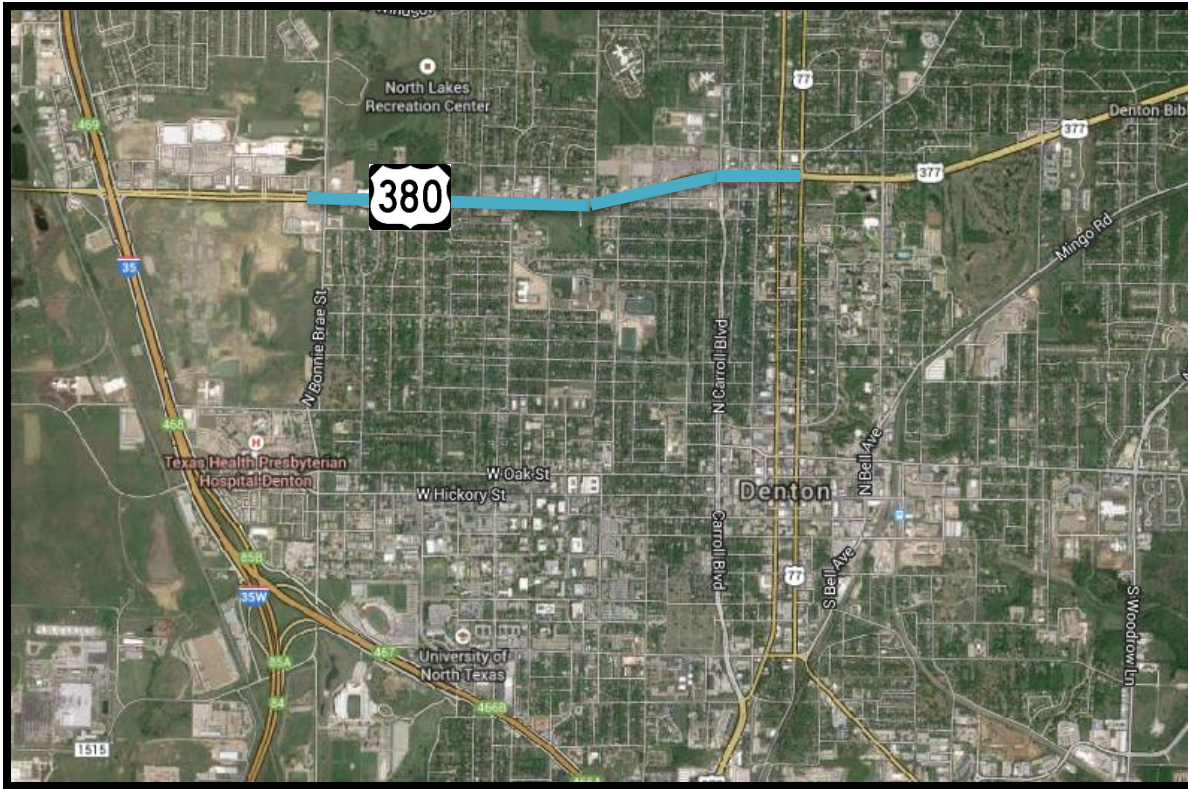
**Plans for changes in traffic patterns:** NA

**Item(s) of work currently controlling project completion:** Widening of lanes and southbound frontage road.

**Other items of significance:** N/A

## US 380 Improvement Project – In Town

<b>Limits (From):</b>	West of Bonnie Brae	<b>CSJ:</b>	0134-09-034
<b>(To):</b>	US 377 (Elm Street)	<b>TxDOT Contact:</b>	Maier Ghanayem
<b>Est. Const. Cost:</b>	\$15,088,446	<b>Construction Start:</b>	November 7, 2014
<b>Project Description:</b>	Improve drainage, pavement, and traffic signals; add sidewalks; widen roadway to six-lane divided highway	<b>Construction Complete:</b>	April 2017



### Current Activity:

- **FUNDING:** Denton County provided preliminary engineering and ROW acquisition. City of Denton assisted with utility relocations and aesthetics. State funded construction.
- **CONSTRUCTION:** The project was awarded to Jagoe Public. **See attached TxDOT construction report.**
- **OTHER:** Sidewalks are being constructed on both sides of the project, except from Hinkle to Carroll Boulevard due to ROW constraints. The District stated that the schematic was completed when sidewalks were not typically included in state projects. However, prior to letting the project, it was decided to add sidewalks everywhere they could be added. Mike Hainline, TxDOT's project manager at the time, stated that there is not room horizontally or vertically in this section of US 380. He also identified several conflicts at cross streets and Grandy's driveway. The primary issues were grade, right-of-way width, utility conflicts, and drainage concerns.

# TxDOT Monthly Project Report

Date of report: January 9, 2017

Report prepared by: Mike Glisson

Project: **STP 2013(181)**

Control: **0134-09-034**

Highway: **US 380**

Limits: From: West of Bonnie Brae  
To: Elm Street

Contractor: **Jagoe-Public Company**

TxDOT Project manager: James (Mike) Glisson

Contractor's Superintendent: Shay Read

Phone: (940) 390-3441

Date Work Began: November 7, 2014

Anticipated Completion Date: April 2017

## **Current Activities:**

**Current activities include:** Removing concrete paving and constructing drainage for the eastbound travel lanes from Hinkle to Elm Street.

**Narrative description of last month's activities:** Construction of: driveways, inlets, drainage, paving, construction of the westbound traffic from Hinkle to Elm Street.

**Narrative description of activities planned for next month:** Concrete paving, sidewalk, signals, inlets, work zone pavement marking, and striping.

**Traffic issues:** The traffic from Hinkle to Elm switched to the westbound lanes.

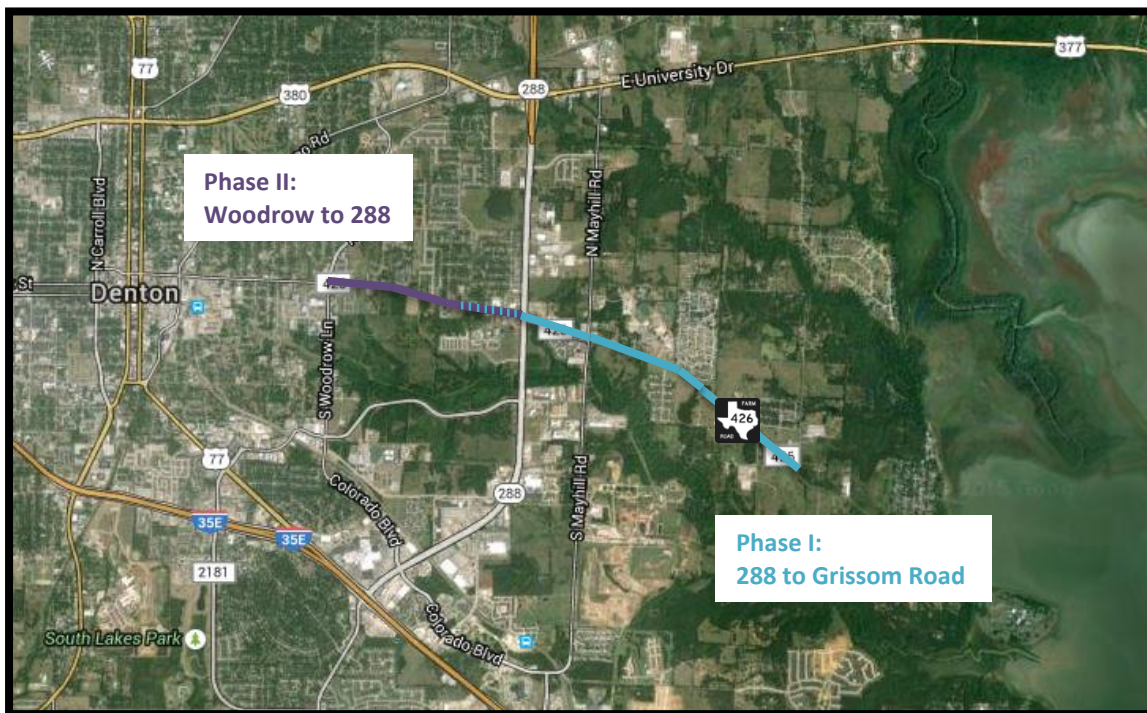
**Plans for changes in traffic patterns:** None

**Item(s) of work currently controlling project completion:** Drainage

**Other items of significance:** Traffic reduced to one lane each direction.

## FM 426/McKinney Street

<b>CSJ:</b>	0918-46-298	<b>City Authorizes Taking Project Off-system:</b>	December 16, 2015
<b>Project Description:</b>	Construct 4-lane divided facility	<b>State Authorizes Taking Project Off-system:</b>	June 30, 2016
<b>Limits (From):</b>	1.4 miles west of Loop 288	<b>100% Plans:</b>	*
<b>Limits (To):</b>	1.1 miles east of Loop 288	<b>ROW Acquisition Begins:</b>	*
<b>Firm:</b>	*	<b>Utility Relocations Complete:</b>	*
<b>Available Funds:</b>	\$18,267,303	<b>Let Date:</b>	*



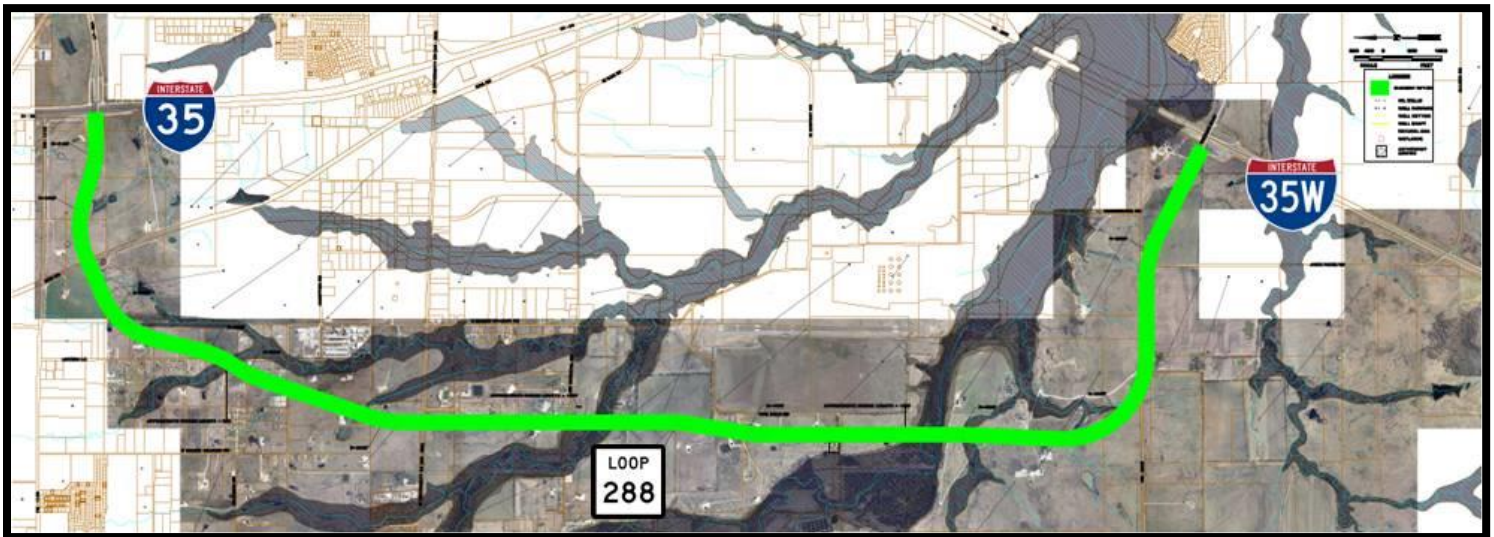
### Current Activity:

- Project will be local let and constructed project using typical city regulatory processes. This process allows the city to design and construct the facility consistent with its objectives without any state or federal oversight. This approach required the funds available for FM 426 to be converted from STP-MM to Regional Toll Revenue funds. RTC approved funding conversion.
- City council voted on December 15, 2015, to begin process to take FM 426 off-system. Item was approved on the June 2016 Texas Transportation Commission agenda. Because the project funds were originally obligated under the on-system CSJ, the commission must approve the transfer of the funds to the off-system CSJ. TIP modifications transferring funds from on-system CSJ to off-system CSJ were submitted to NCTCOG on October 27, 2016. STTC approved these TIP modifications on December 1, 2016. **RTC approved on January 12, 2017. LPAFA was executed by city on December 13, 2017.** Transfer of funds will occur electronically after full execution of LPAFA.
- City staff has outlined a plan to advance a two-phase approach. Phase I would improve FM 426 from Loop 288 to Grissom Road as a four-lane divided curb and gutter cross section, as well as improve the Loop 288/McKinney intersection. Phase II would provide similar improvements from approximately Loop 288 to Woodrow Lane.
- **Other:** Phase 1 will include sidewalks on both sides of the project.



# Loop 288 West

<b>CSJ:</b>	2250-0-013/014	<b>Schematic Approval:</b>	July 2017
<b>Limits:</b>	From IH-35 to IH-35W	<b>EA Approval:</b>	July 2018
<b>Length:</b>	9.0 miles	<b>ROW Complete:</b>	July 2020
<b>Est. Const. Cost:</b>	\$40 million	<b>Utilities Complete:</b>	July 2021
<b>Description:</b>	Construct controlled access freeway	<b>100% Plans:</b>	December 2021
<b>Firm:</b>	CP&Y	<b>Let Date:</b>	March 2022 (-013); September 2022 (-014)
<b>Key Contact:</b>	Tom Cochill	<b>Construction Completion:</b>	*

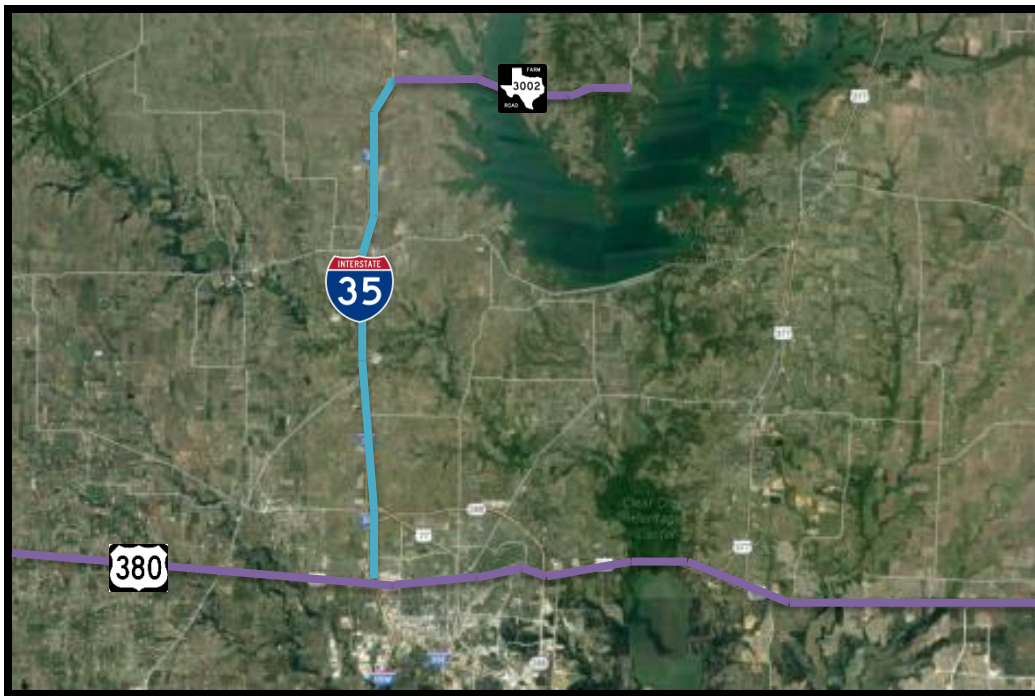


## Current Status:

- **Environmental:** CP&Y developed ICI analysis and report. CP&Y has coordinated with individual property owners on the latest alignment studies and schematics.
- **Schematic:** Preliminary Hydraulic Report is complete. Updated schematics have been submitted for coordination purposes.
- Right-of-entry letters mailed to land owners. Right-of-entry letters received from land owners. CP&Y is answering questions from land owners.
- Ground survey efforts started, including setting control for aerial survey. CP&Y is finalizing ground survey efforts (drainage channel sections and obscured areas). Aerial survey has been completed.
- Began investigations on alignment shifts to avoid new conflicts. CP&Y is analyzing and designing alignment revisions to avoid new conflicts and is revising horizontal alignments to meet design criteria.
- CP&Y received SUE information from Cobb-Fendley via TxDOT.

## IH 35 North

<b>CSJ:</b>	0915-02-054; 0195-03-061	<b>Schematic Approval:</b>	June 2017
<b>Limits (From):</b>	US 380	<b>Public Hearing:</b>	July 2017
<b>(To):</b>	FM 3002 (Cooke County)	<b>Environmental Approval:</b>	December 2018
<b>Length:</b>	14.4 miles	<b>100% Plans:</b>	*
<b>Est. Const. Cost:</b>	\$591 million	<b>ROW Acquisition Completed:</b>	*
<b>Description:</b>	Widen existing freeway from four lanes to six lanes with continuous frontage roads	<b>Utility Relocations Completed:</b>	*
<b>Firm:</b>	HDR	<b>Anticipated Let Date:</b>	*
<b>Key Contact:</b>	Brian Swindell/Phil Hanley/Jeremy Doneghue	<b>Construction Complete:</b>	*

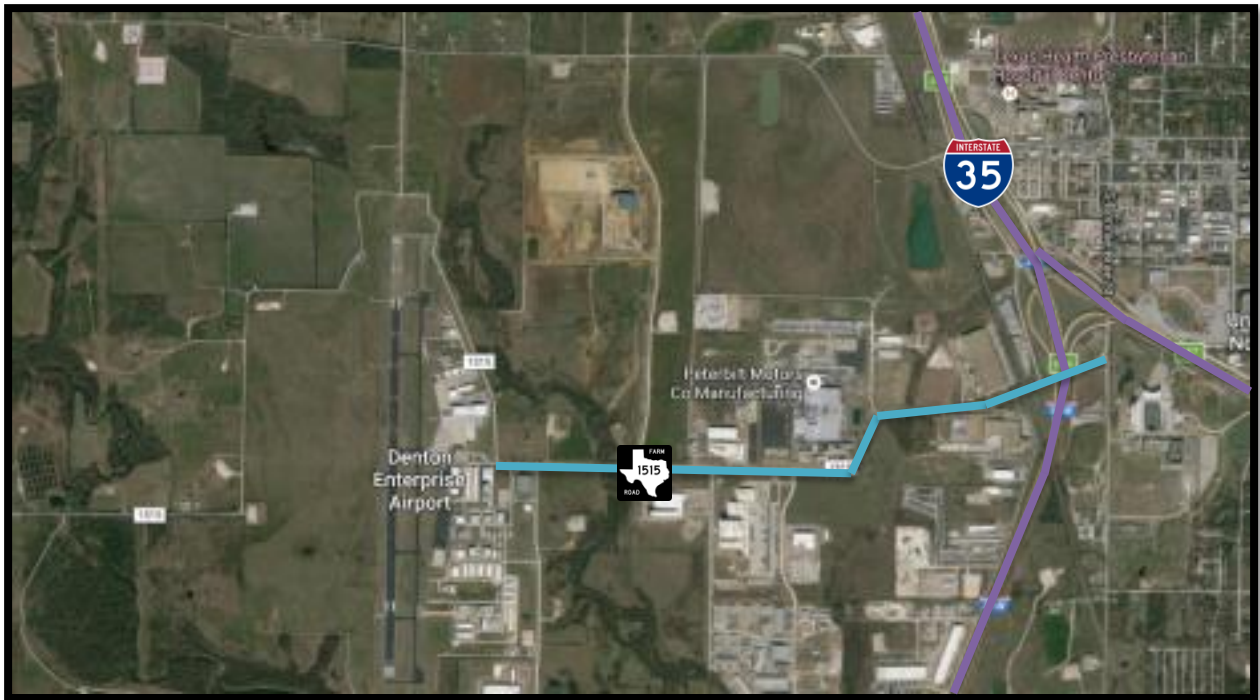


### Current Activity:

- **Schematic:** HDR submitted 60% plans to TxDOT Dallas District on January 30, 2017. Anticipate public meeting to present initial plan view in late February 2017. Developing preliminary hydrological models for the major stream crossings.
- **Environmental:** Conducting preliminary data collection.
- **PS&E:** To be developed in three segments after schematic and environmental approval.
- **Other:** Project is currently only funded for planning. Additional funding will need to be identified for right-of-way acquisition, utility relocation, final PS&E, and construction.

# FM 1515

<b>CSJ:</b>	*	<b>Schematic Approval:</b>	*
<b>Limits (From):</b>	Bonnie Brae	<b>Public Hearing:</b>	*
<b>(To):</b>	Masch Branch Road	<b>Environmental Approval:</b>	*
<b>Length:</b>	approximately 3.3 miles	<b>100% Plans:</b>	*
<b>Est. Const. Cost:</b>	*	<b>ROW Acquisition Completed:</b>	*
<b>Description:</b>	Widen existing 2-lane rural section to a six-lane divided urban roadway	<b>Utility Relocations Completed:</b>	*
<b>Firm:</b>	*	<b>Anticipated Let Date:</b>	*
<b>Key Contact:</b>	*	<b>Construction Complete:</b>	*



## Current Activity:

- **Planning:** Advanced planning and design will be contracted and managed by Denton County. ITS has worked with TxDOT staff to develop the scope of services for this facility and is working with county staff to issue an RFQ.



## IH-35E/Loop 288/Brinker/Mayhill

<b>CSJ:</b>	0196-01-106	<b>Environmental Clearance:</b>	May 13, 2016
<b>Limits:</b>	IH-35E intersections with Brinker, Mayhill, and South Loop 288	<b>100% Plans:</b>	August 5, 2016
<b>Description:</b>	Construct grade separation along IH 35E at Brinker and intersection improvements at Mayhill and South Loop 288	<b>ROW Acquisition Completed:</b>	July 2016
<b>Est. Const. Cost:</b>	\$27,503,078	<b>Utility Relocations Complete:</b>	March 2017
<b>Firm:</b>	Brown & Gay	<b>Let Date:</b>	September 22, 2016
<b>Key Contact:</b>	Chris Kuykendall	<b>Construction Complete:</b>	*



### Current Activity:

- **ROW:** Complete
- **Utility Relocations:** A standard U35 agreement will be used for this project. Both the city's utilities and the roadway project will be in one set of plans developed by Brown & Gay. Utility relocations are underway and are estimated to be complete before the end of March 2017.
- **PS&E:** The 100% plans were sent to Austin on August 5, 2016.
- **Construction:** This project was awarded to OHL on September 22, 2016, for a total construction cost of \$27,503,078. The contract allows for 442 working days and 17 months of barricades. The pre-construction meeting has been scheduled for February 16, 2017. It is expected that construction will begin on February 17, 2017.