

City of Denton On-system Project Status Report

Prepared by ITS

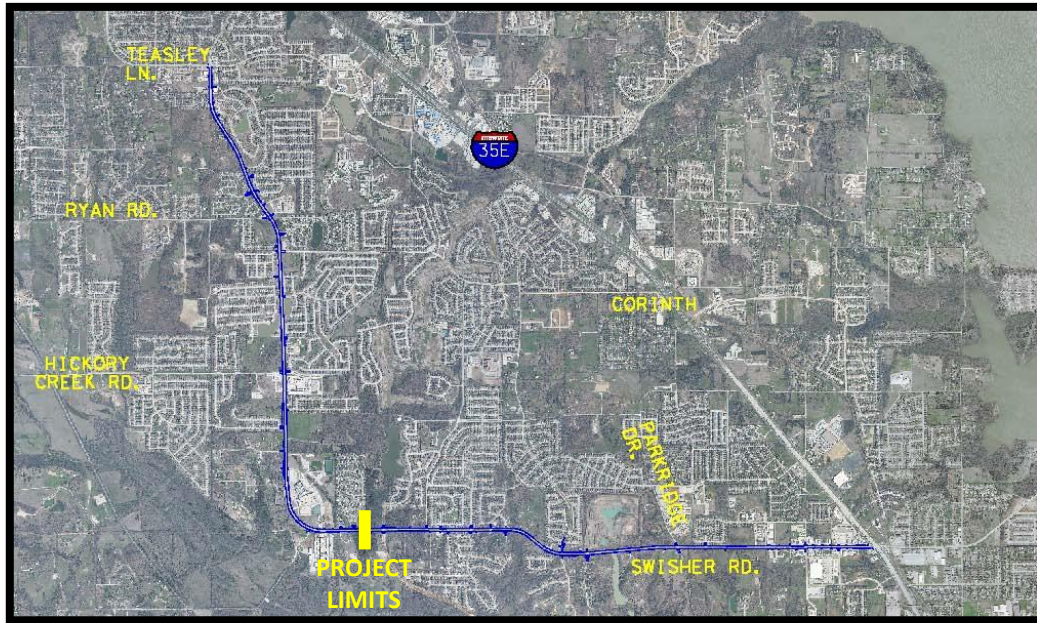
March 2017

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

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



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 in early March 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. **Huitt-Zollars continues coordination with City of Denton on utility coordination and has resolved possible utility conflicts with proposed utility relocations/improvements based on the city's 90% in-progress plans.**
- 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

February 16, 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 March 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 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

CSJ:	2681-01-012
Limits (From):	FM 2181
(To):	IH-35E
Length:	2.97 miles
Construction Cost:	\$34,857,000
Description:	Construct six-lane divided urban roadway
Firm:	Halff Associates
Key Contact:	Mike Romanowski
FONSI:	November 3, 2010
Environmental Re-Eval:	April 25, 2014
100% PS&E:	January 2012
ROW Complete:	February 2014
Utilities Relocated:	Phase I completed March 2015; Phase II completed December 2016
Project Tracker Let Date:	July 8, 2014
Construction Complete:	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: February 7, 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; installation of fascia walls; concrete paving at 2181 to Robinson Road. Continuing on sound walls.

Narrative description of last month's activities: Continued on sound wall. Continued installation of culvert 6; 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: N/A

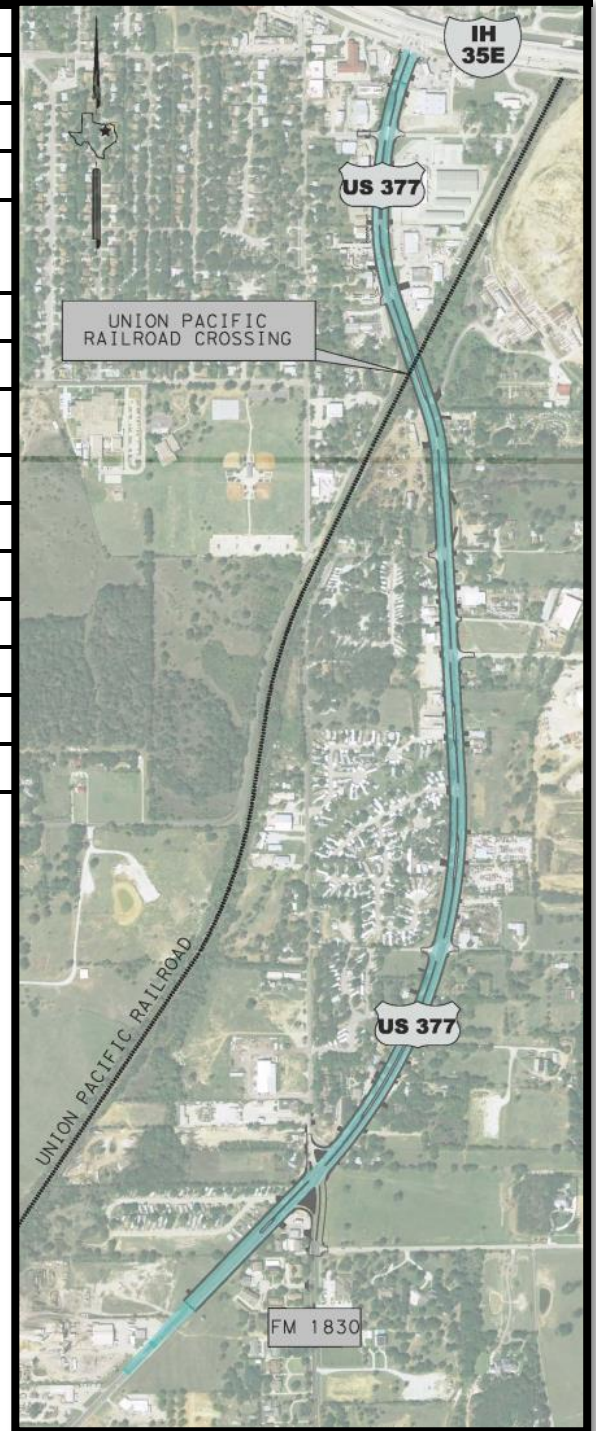
Plans for changes in traffic patterns: N/A

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

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



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.
- Received word from UPRR that they will accept the reverse curves that had been proposed before the realignment that required retaining walls. With the retaining wall off the table, design is complete. The 100% Exhibit A was submitted for approval. The geotech report for the sound walls was received, and the sound wall design will be completed next week. Lochner is updating the general notes, specifications, and construction cost estimate. Final plan submittal was made on February 17, 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.
- **UTILITY COORDINATION (UC):** See utility status report below.

US 377 Utility Status Report

UTILITY	STATUS	STATUS
ATMOS ENERGY	Active	Estimated completion is in May 2017.
GRANDE COMMUNICATIONS	Clear	
DENTON MUNICIPAL ELECTRIC	Active	Estimated completion is in March 2017.
FRONTIER	Active	Estimated completion is May 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 April 2017.

US 380 Urban

Limits (From):	West of FM 156	Public Hearing:	March 2006
(To):	IH-35	FONSI:	July 2006
Est. Const. Cost:	\$39,346,679	100% Plans:	April 2012
Project Description:	Widen 2-lane rural road to 6-lane urban facility	ROW Coordination Complete:	January 2012
CSJ:	0134-09-063	Project Let:	July 10, 2012
TxDOT Contact:	Ali Radaydeh, P.E.	Construction Complete:	March 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. An ICA between the city and the county is being advanced. The city will facilitate construction.
- A ribbon-cutting ceremony is being planned for this project in late April or early May 2017.
- A speed study was completed. The city has implemented 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: February 7, 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: March 2017

Current Activities:

Current activities include: Punch list and change order for driveway widening.

Narrative description of last month's activities: Sod, punch list.

Narrative description of activities planned for next month: Punch list

Traffic issues: None. All lanes open.

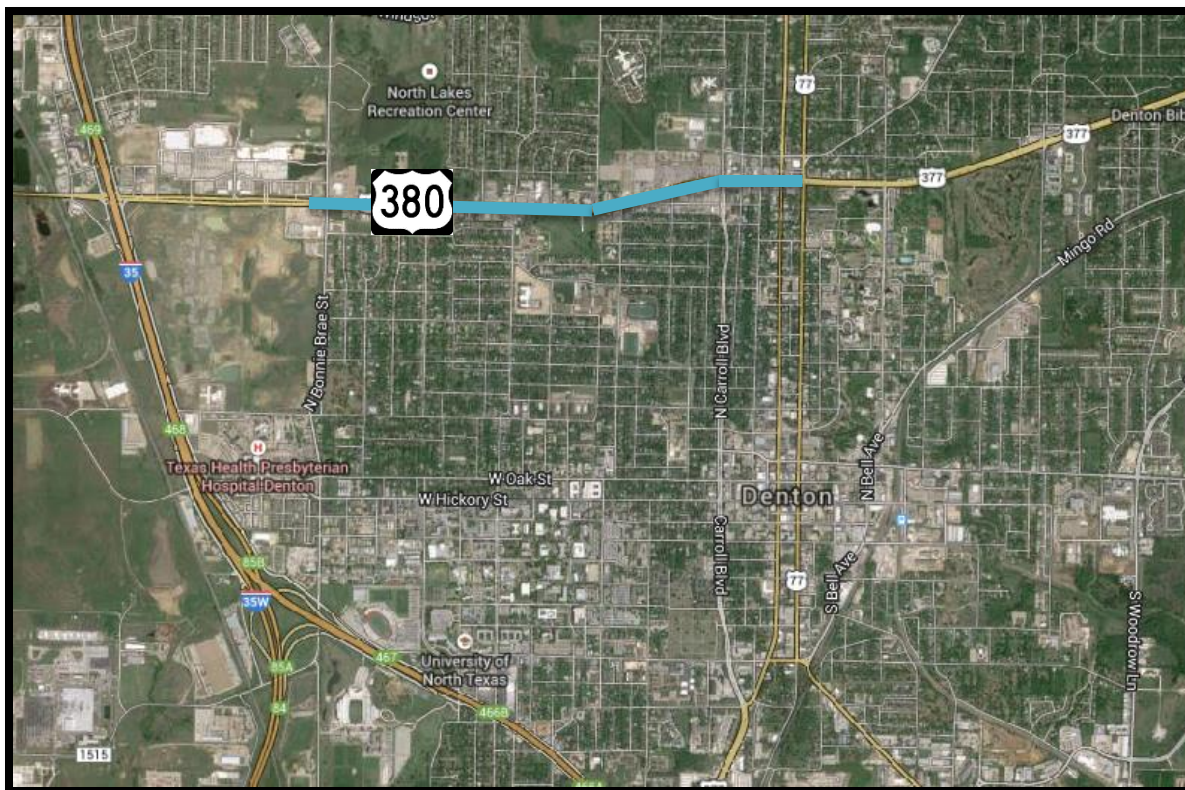
Plans for changes in traffic patterns: NA

Item(s) of work currently controlling project completion: Punch list.

Other items of significance: N/A

US 380 Improvement Project – In Town

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



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: February 7, 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: *

Current Activities:

Current activities include: Lime treating subgrade, installing drainage, and mitigating contaminated soil.

Narrative description of last month's activities: Removing concrete paving and constructing drainage for the eastbound travel lanes from Hinkle to Elm Street.

Narrative description of activities planned for next month: Laying hotmix bond breaker, concrete paving.

Traffic issues: None

Plans for changes in traffic patterns: The traffic from Hinkle to Elm to be switched to the westbound lanes.

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

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

FM 426/McKinney Street

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



Current Activity:

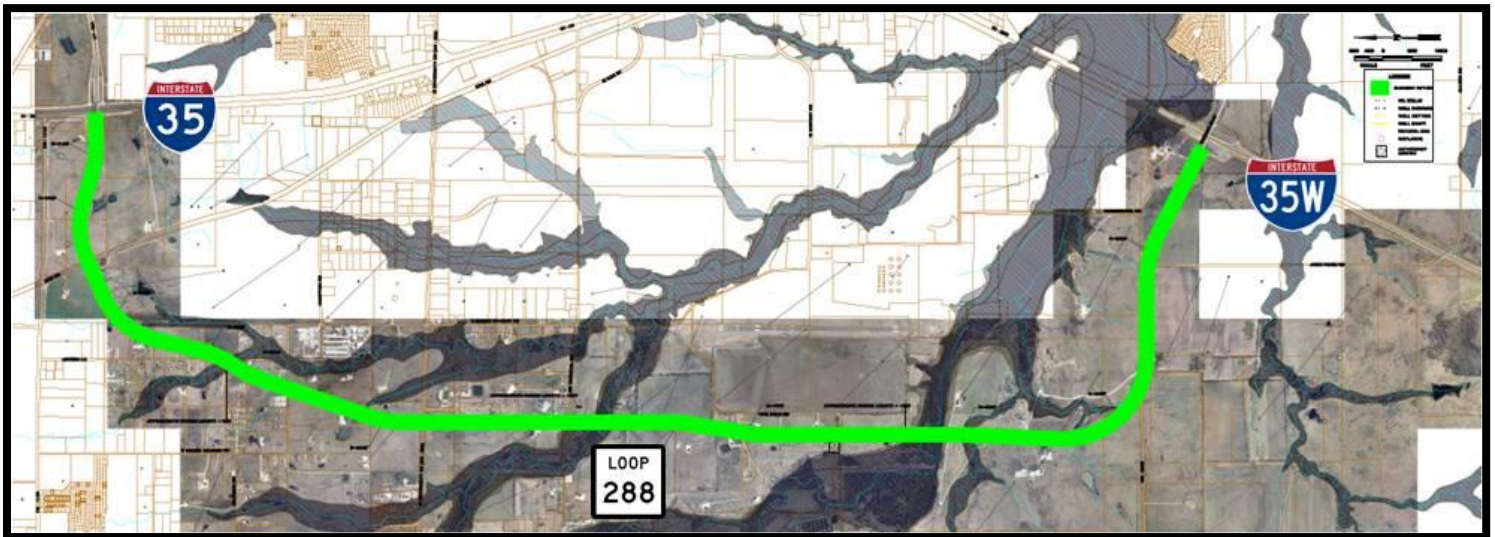
- Project will be local let and constructed project using typical city regulatory processes. This process allows the city to design and construct the facility consistent with its objectives without any state or federal oversight. This approach required the funds available for FM 426 to be converted from 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. TxDOT executed agreement on January 5, 2017. Request for transfer of funds was made on February 7 and will take approximately 30 days to be completed.
- 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.

- The City of Denton Engineering Department anticipates hiring a Design Criteria consultant to assist with preparing the schematic drawings and Request for Proposals (RFPs) from Design-Build Teams in late April or early May, depending on the length of the Design Criteria RFP response evaluation process. The project schedule anticipates a Design-Build construction start in January 2019 with completion in June 2020, provided no additional right-of-way or easements are required. If ROW easements are required, the Design-Build construction start will be delayed by approximately one year.
- **Other:** Phase 1 will include sidewalks on both sides of the project. The City of Denton, Denton County Transportation Authority (DCTA), and the Denton Independent School District continue to provide alternative transportation options through the DCTA route system as part of a multi-agency partnership implemented to provide students with options other than walking along the FM 426 corridor.

Loop 288 West

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

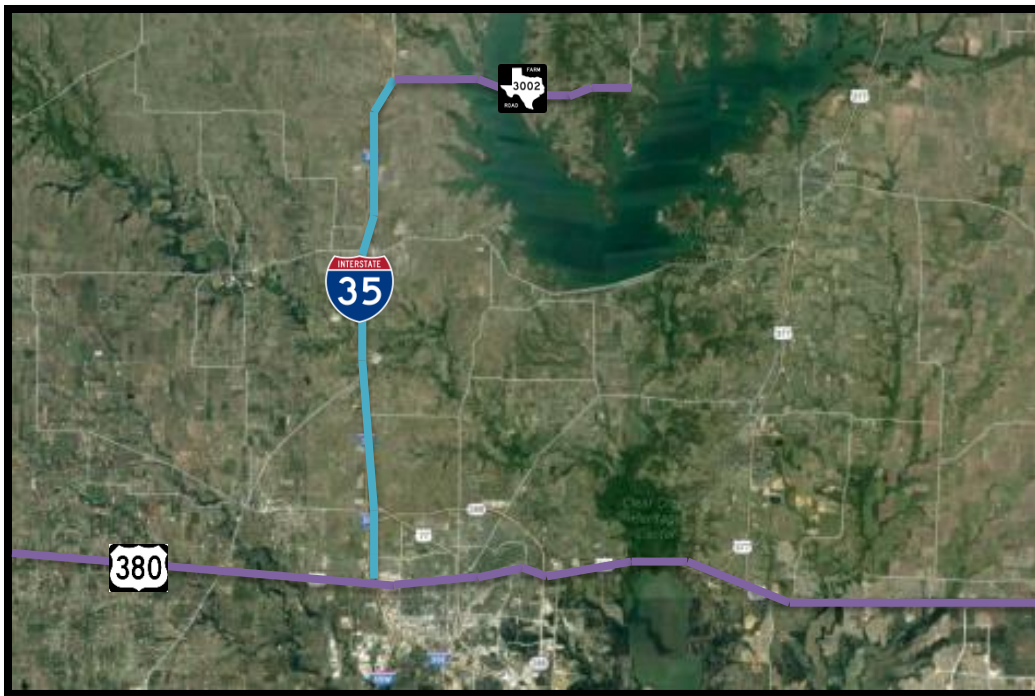


Current Status:

- **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.
- CP&Y is finalizing ground survey efforts (drainage channel sections and obscured areas). Aerial survey has been completed.
- CP&Y developed preliminary culvert profiles and eliminated retaining walls and widened ROW footprint near intersections where able.
- CP&Y began analyzing side street/cross street options to improve design.
- CP&Y received SUE information from Cobb-Fendley via TxDOT.

IH 35 North

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

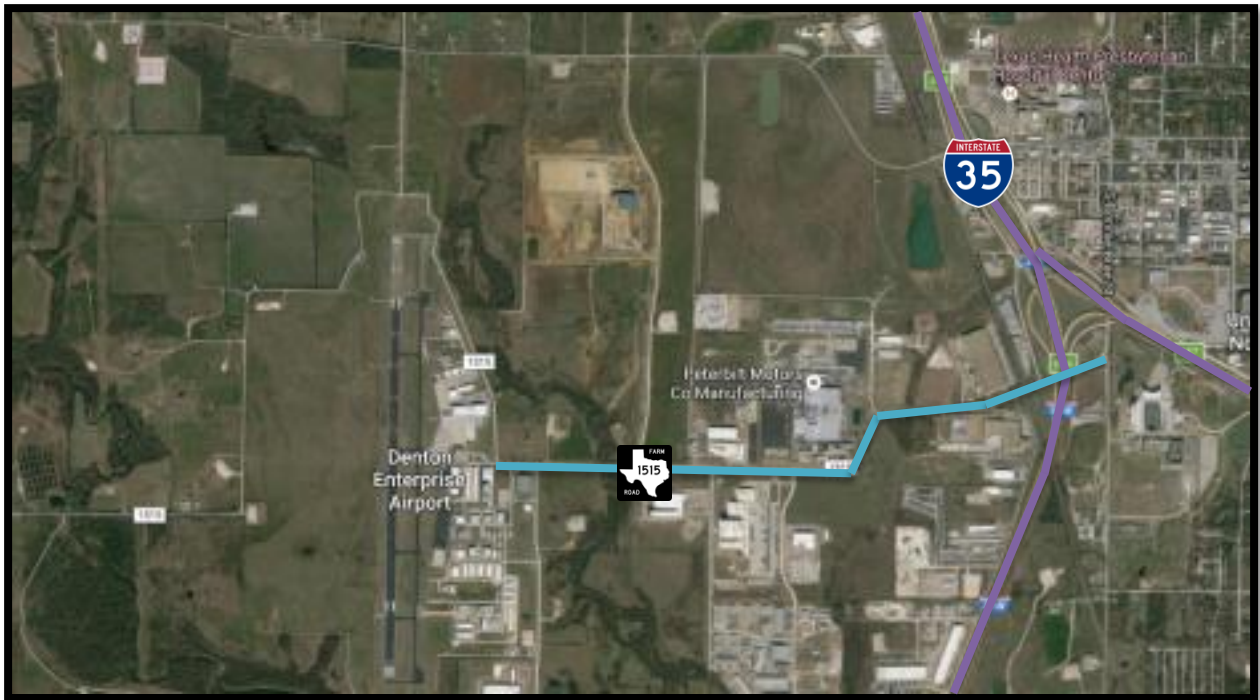


Current Activity:

- **Schematic:** HDR submitted 60% plans to TxDOT Dallas District on January 30, 2017. Anticipate public meeting to present initial plan view in March 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

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



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

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



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 occurred on February 16, 2017. It is expected that construction will begin on March 6, 2017. Still awaiting easement of right-of-entry from City of Denton on Flooring of America. Has potential to delay construction.