

City of Denton On-system Project Status Report

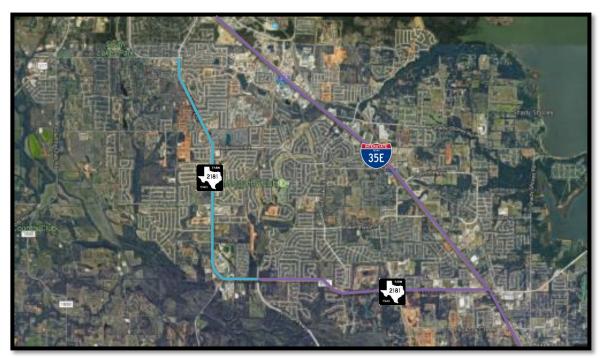
Prepared by ITS

January 2018

PROJECTS

•	FM 2181 North-South	page 2
•	US 377/Fort Worth Drive	page 4
•	FM 2499, Section 5	page 6
•	IH-35E/Mayhill/FM 2499 Improvements	page 8
•	IH 35/Loop 288/Brinker/Mayhill	page 9
•	IH 35 North (US 380 to FM 3002)	page 11
•	US 380 Improvement Project – In Town	page 12
•	US 380/Loop 288 Intersection Improvements .	page 14
•	US 380 East	page 15
•	Loop 288	page 16
•	FM 1515	page 17
•	FM 1830	page 18

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:	May 22, 2017
Limits:	From City of Denton/Corinth City limits to Lillian Miller	ROW Acquisition Completed:	January 25, 2013
Limits:		Utility Relocations Complete:	November 2017
Construction Cost:	\$37,641,150	Let Date:	July 11, 2017
Project Manager:	Jay Loomis	Construction Complete:	January 2020



- **PS&E:** Approved May 22, 2017.
- **Utilities:** With the exception of City of Denton utilities, whose relocations have been incorporated into the construction contract, utility relocations are complete.
- **Construction:** The project let on July 11, 2017. Project was awarded to MCM with a low bid of \$37,641,150, at 4.85% below the estimate. There are 27 months of barricades. TxDOT is placing safeguards in the MCM contract to ensure a timely schedule. Pre-construction meeting occurred on October 5, 2017. Time started on November 6, 2017. See attached construction report.
- **Signals:** Signal on the north property line at Guyer High School will be included in the FM 2181 contract. City has provided TxDOT with a copy of the signal warrant for the new signal request at Sundown near the South Branch Library.
- **City participation:** Funding city utility relocations.

TxDOT Monthly Project Report

Date of report: December 7, 2017

Report prepared by: Paul Wenzel, AIA Engineers

Project: STP 1702 (730) Control: 2054-02-015 Highway: FM 2181

Limits: From: Lillian Miller Parkway in Denton

To: West of FM 2499 (Barrel Strap Rd)

Contractor: MCM

TxDOT Project manager: Angel Karr (AIA Engineers) Phone: (512) 293-3631 Contractor's Superintendent: Jonathon Gibson Phone: (225) 572-9619

Date Work Began: November 21, 2017

Anticipated Completion Date: January 22, 2020

Current Activities:

Current activities include: Installation of traffic signal drilled shafts and conduit at the intersection of Teasley Lane and Wind River; installing SW3P; saw-cutting the asphalt for culvert crossings at Line "A", "C" and "D"; and continued removal of SETs (safety end treatments).

Narrative description of last month's activities: The contractor completed field office set-up, installed project barricades, and began removing SETs.

Narrative description of activities planned for next month: The prime and their subcontractors will continue with drainage activities, crossings, and temporary drainage on Lines A - I; and the installation of sanitary sewer lines T & S, and water lines G & H from Phase 1A.

Traffic issues: Temporary lane closures now being used.

Plans for changes in traffic patterns: N/A

Item(s) of work currently controlling project completion: The contractor and their subcontractors will continue with drainage activities, crossings and temporary drainage, on lines A - I; and the installation of sanitary sewer lines T & S, and water lines G & H, from Phase 1A.

Other items of significance: Previously installed rock filter dams within the 30' clear zone need to be altered for compliance with standard sheet EC (2)-16.

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:	\$29 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. Improve intersection-1830/377/Hobson
Firm:	Lochner
Key Contact:	Sheri Boyd
Schematic Approved:	July 2009
Environmental Clearance:	April 25, 2012
Final Plans:	July 14, 2017
ROW Complete:	December 2017
Utility Relocation Complete:	March 2018
Ready to Let Date:	May 2018
Construction Complete:	*
TxDOT Construction PM:	Jay Loomis

- **Environmental:** Project was environmentally cleared on April 25, 2012. Re-evaluation is underway and on track for May 2018.
- **PS&E:** Signed and sealed roadway plans were submitted and accepted by TxDOT on July 14, 2017.
- **UPRR:** Road design is complete.
- Lochner is working to revise the geometry to meet UPRR criteria. TxDOT held a meeting on August 22, 2017, with UPRR and Lochner to discuss and resolve final comments. Follow-up meeting between Lochner and UPRR held on August 31, 2017. Lochner completed comments and provided to TxDOT and UPRR on September 18, 2017. Lochner has submitted an abbreviated Exhibit A to use for the Railroad Agreement, and they are working on bridge package for submittal. TxDOT Rail Division will be inserting a placeholder into the draft railroad agreement and sending it to UPRR so that UPRR may begin their review with legal.
- Utility Coordination (UC): See utility status report.
- **City Participation:** Funding city utility relocations.



US 377 Utility Status Report

UTILITY	STATUS	STATUS
ATMOS ENERGY	Clear	Clear
GRANDE COMMUNICATIONS	Clear	
DENTON MUNICIPAL ELECTRIC	Clear	
FRONTIER	Active	New conflict identified with railroad. Two overhead crossings belonging to DME/Charter and Frontier. Meeting held at TxDOT to discuss. Awaiting plans.
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	Relocations completed in December; however, new conflict identified with railroad. Two overhead crossings belonging to DME/Charter and Frontier. Meeting held at TxDOT to discuss. Awaiting plans.

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:	May 2014
ROW Complete:	February 2014
Utilities Relocated:	Phase I completed March 2015; Phase II completed December 2016
Let Date:	July 8, 2014
Construction Complete:	February 2018

- **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. Road from FM 2181 to Robinson Road opened on December 18, 2017. Traffic at the intersection of Robinson Road will be controlled by three-way stop signs with assistance by police. The section from Robinson Road to State School Road is expected to open in early 2018 after a traffic signal is installed.
- Other: Continuous six-foot sidewalks on both sides of the roadway, as well as outside rider shared-use lanes, are planned.
- **Signal at FM 2499/Robinson:** Construction is funded through county RTR funds. Materials for signal have been ordered but may not be received until mid-January or first of February due to hurricane-hit areas receiving priority of materials shipment.
- **City participation:** Funded the design of the signal at Robinson Road.



TxDOT Monthly Project Report

Date of report: December 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: February 2018

Current Activities:

Current activities include: Continue placing sidewalks and placing light poles. Continue painting. Placing sod.

Narrative description of last month's activities: Placed sidewalks and placing sod. Continued painting.

Narrative description of activities planned for next month: Sod. Painting sound walls.

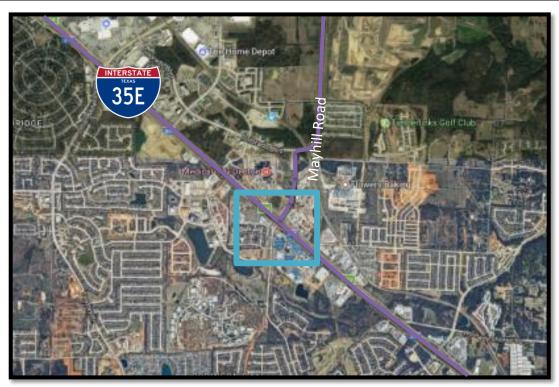
Traffic issues: N/A

Plans for changes in traffic patterns: N/A

Item(s) of work currently controlling project completion: Light poles at Robinson Road. Finishing painting sound walls.

Other items of significance: N/A

IH-35E/Mayhill/FM 2499 Improvements			
CSJ:	<mark>0196-01-109</mark>	Environmental Clearance:	January 31, 2012
Limits:	IH-35E intersections with Mayhill and FM 2499	100% Plans:	*
Description:	Widen Mayhill bridge under IH-35E to ultimate width	ROW Acquisition Completed:	*
Construction Cost:	*	Utility Relocations Complete:	*
Firm:	LTRA	Ready to Let Date:	*
Contact:	Travis Campbell/David Leavell	Construction Complete:	*



• Advanced Planning: TxDOT is working to retain engineering services to begin the advanced planning for widening the Mayhill bridge under IH-35E to its ultimate width. TxDOT has engaged LTRA. TxDOT is working on a construction estimate so that funding can be identified. Permanent CSJ has been assigned. Meeting with TxDOT administration planned in early January to discussed anticipated let date, status of ROW and utilities, and which portions of the ultimate schematic will be built.

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	
Construction Cost:	\$27,503,078	Utility Relocations Complete:	December 2017	
Contractor:	OHL	Let Date:	September 22, 2016	
TxDOT Contacts:	Branden Barnett and Jay Loomis	Construction Complete:	December 2018	



- **ROW:** Complete
- Utility Relocations: With the exception of the City of Denton utilities, whose relocations are included in the construction plans, the utility relocations are now complete.
- **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. Construction began on March 6, 2017. See attached TxDOT construction report.
- **City participation:** Funding \$2.1 million for local match on Brinker underpass.

TxDOT Monthly Project Report

Date of report: December 4, 2017

Report prepared by: Branden Barnett

Project: **STP 2017(083)MM**

Control: **0196-01-106** Highway: **IH 35E**

Limits: From: State School Rd/Mayhill Rd (FM 2499)

To: SL 288

Contractor: OHL

TxDOT Project manager: Branden Barnett Phone: (214) 392-1791 Contractor's Superintendent: Kalin Johnson Phone: (512) 797-2715

Date Work Began: March 6, 2017

Anticipated Completion Date: December 2018

Current Activities:

Current activities include: Installing drainage on proposed southbound frontage road at SL 288, placing forms on soil nail wall at Mayhill, and placing asphalt on proposed southbound frontage road.

Narrative description of last month's activities: Installing drainage on northbound frontage road at SL 288, working on soil nail wall at Mayhill, and excavation/embankment on proposed southbound frontage road, and lime placement on proposed southbound frontage road.

Narrative description of activities planned for next month: Mayhill U-turn; installing drainage on proposed southbound frontage road and northbound frontage road at SL 288, placing lime on Mayhill U-turn, placing asphalt on southbound frontage road, and overlay existing southbound frontage road/Mayhill exit during nightly lane closures.

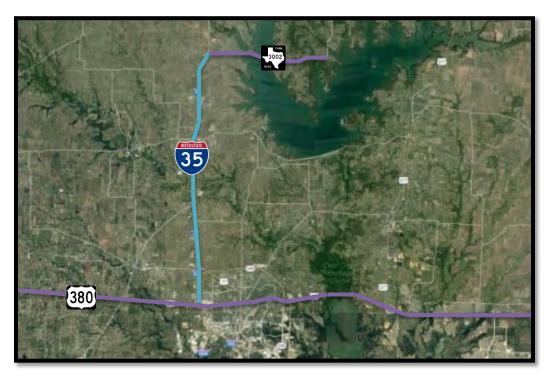
Traffic issues: High volumes of traffic.

Plans for changes in traffic patterns: Various lane closures on frontage roads, IH-35E south, and Mayhill.

Item(s) of work currently controlling project completion: Proposed southbound frontage road.

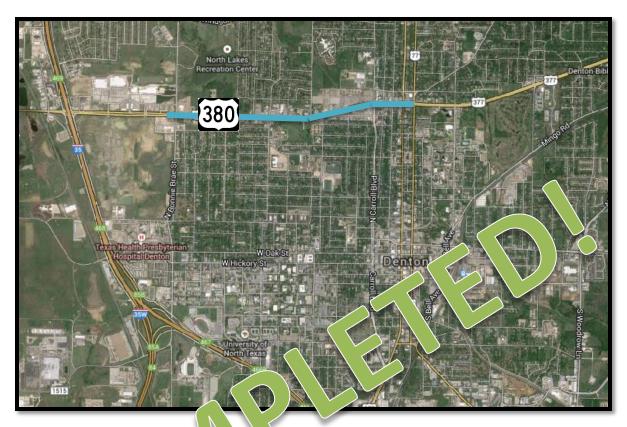
Other items of significance: None

IH 35 North				
CSJ:	0195-01-116; 0195-02-074; 0195-03- 087	Schematic Approval:	March 2018	
Limits (From):	US 380	Public Hearing:	July 2018	
(To):	0.7 miles north of FM 3002 (Cooke County)	Environmental Approval:	December 2018	
Length:	15.12 miles	100% Plans:	*	
Est. Const. Cost:	\$861 million	ROW Acquisition Completion:	December 2020	
Description:	Widen existing freeway from four lanes to six lanes with continuous frontage roads	Utility Relocations Completion:	June 2022	
Firm:	HDR	Ready to Let Date:	*	
Key Contact:	Brian Swindell, Jason Richter, HDR/TxDOT: Nelson Underwood	Construction Complete:	*	



- Schematic: HDR submitted 60% plans to TxDOT Dallas District on January 30, 2017. Received comments from design division and addressing comments from Dallas District. Awaiting FHWA comments. Public meeting to present initial plan view held on June 22, 2017. Received comments from FHWA on the IAJR. HDR continues addressing comments and working on 90% schematic. HDR attended DCC meeting with Garver to coordinate FM 1173 and IH 35. HDR has determined 3 solutions for the extension of the Outer Loop and IH 35. TxDOT is evaluating. Schematic will be submitted for District, Design Division, and FHWA review. VE study is near approval.
- Portion of IH 35 at FM 455 will be broken out and built with the FM 455 project.
- **Environmental:** Conducting preliminary data collection.
- **PS&E:** To be developed in two 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.

US 380 Improvement Project – In Town				
Limits (From):	West of Bonnie Brae	CSJ:	0134-09-034	
(To):	US 377 (Elm Street)	TxDOT Contact:	Mike Glisson	
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:	December 2017	



- **Funding:** De on Co ty wind preliminary engineering and ROW acquisition. City of Dentor st with up ty recations and aesthetics. State funded construction.
- Cons action: ect was awarded to Jagoe Public. See attached TxDOT construction report.
- Other Sidew lks are being constructed on both sides of the project, except from Hinkle to Carroll Boulev. 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.
- **City participation:** Funded city utility relocations. Will be working with TxDOT on landscaping.

TxDOT Monthly Project Report Date of report: December 12, 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: December 2017

Current Activities:

Current activities include: Partially accepted

Narrative description of last month's activities: Punch list

Narrative description of activities planned for next month: TDLR inspection repairs.

Traffic issues: None. All lanes open.

Plans for changes in traffic patterns: NA

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

Other items of significance: None

US 380/Loop 288 Intersection Improvements			
CSJ:	1035-10-057	ROW Acquisition Completed:	
Limits:	US 380 at Loop 288	Utility Relocations Complete:	*
Description:	Improve northbound Loop 288 exit ramps to US 380	Ready to Let Date:	March 2018
Construction Cost:	*	Construction Complete:	*



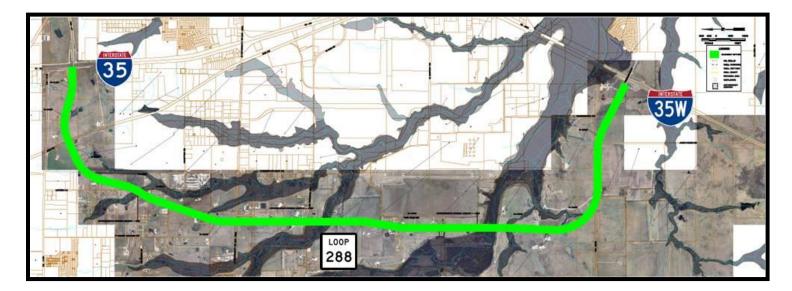
• ITS met with TxDOT Denton and TxDOT Dallas to begin process of adding turning improvements. ITS continues discussions with TxDOT regarding interim improvements, as well as the possibility of adding these improvements to the US 380 East project. TxDOT has included these improvements in the new maintenance contract that is expected to let in March 2018. TxDOT expects to begin the work widening the ramp in May 2018.

US 380 East				
Limits:	0135-10-050 (from US 377 to Collin County Line; 0135-10-057 (from Loop 288 to US 377)	Schematic Approval:	April 24, 2017	
Description:	Widen existing roadway from 4/6- lane to 6-lane divided with intersection improvements	Environmental Completion:	June 2018	
Ext. Const. Cost:	\$130 million	ROW Complete:	June 2019	
Firm:	AECOM (EA and schematic) TranSystems and White Oak Engineers (PS&E)	Utilities Complete:	February 2021	
Key Contact:	Travis Owens, Don Vo, TxDOT; Rajesh Janarthanan AECOM	Ready to Let Date:	May 2021	



- ENV: AECOM is continuing work on the EA document and revised technical reports. Received approval on several technical reports for the EA. AECOM submitted draft EA for District review on November 17, 2017. Receiving comments from TxDOT. Public hearing is expected in March 2018.
- **PS&E:** There will be five grade separations at FM 720, FM 423, Navo, Teal, and Legacy. TxDOT design team is working on 30% PS&E for CSJ 0135-10-057 (from Loop 288 to US 377). Estimate 30% submittal for this CSJ in April 2018. TxDOT has completed negotiations with consultant preparing PS&E for CSJ 0135-10-050 (from US 377 to county line); awaiting approval of work authorization.
- ROW: AECOM is finalizing proposed ROW and preparing additional ROE letters for ENV survey.
- **Funding:** For CSJ -050, TxDOT has identified \$47.1 million in Proposition 1 funds and \$14 million in STP-MM for a total of \$61.1 million; for CSJ -057, TxDOT has identified \$13 million in Proposition 1 funds. US 380 has been listed as a project on the 10-year plan with an additional \$28.6 million.
- Other: NCTCOG has agreed to cost share the addition of a 10-ft wide side path from Mayhill to the Greenbelt Corridor. City council approved a LPAFA on September 12, 2017, for the 10-foot sidewalk component from Mayhill to the Greenbelt in the amount of \$848,874.75.
- City participation: City is funding 20% local match of NCTCOG funding.

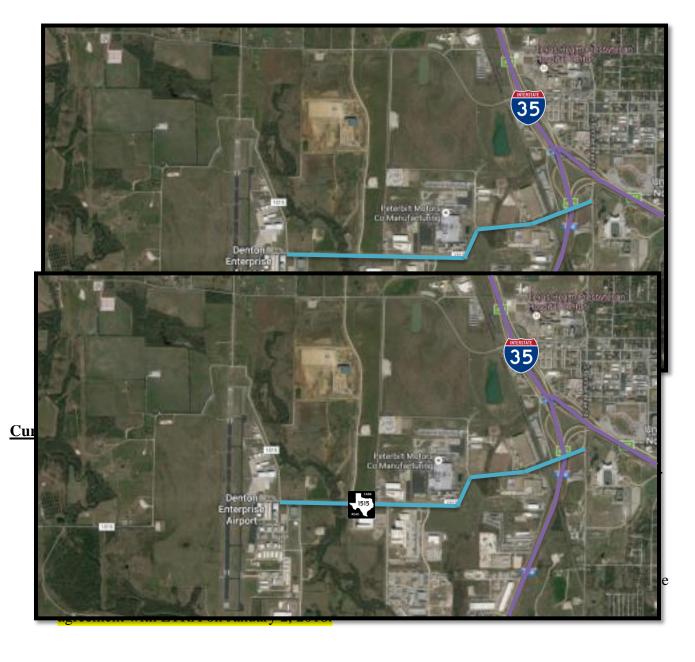
Loop 288 West				
CSJ:	2250-0-013/014	Schematic Approval:	December 2018	
Limits:	From IH-35 to IH-35W	EA Approval:	December 2020	
Length:	9.0 miles	ROW Complete:	January 2023	
Est. Const. Cost:	\$40 million	Utilities Complete:	June 2024	
Description:	Construct controlled access freeway	100% Plans:	*	
Firm:	CP&Y	Ready to Let Date:	June 2024	
Key Contact:	Tom Cochill, Andrea Klocinski	Construction Completion:	*	



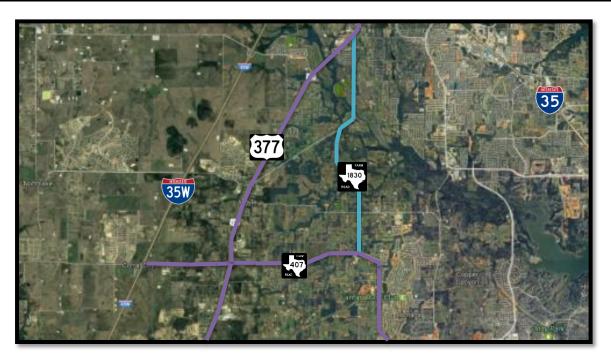
Current Status:

- **Environmental:** CP&Y developed ICI analysis and report. CP&Y has coordinated with individual property owners on the latest alignment studies and schematics.
- **Schematic:** Ongoing coordination with City of Denton to determine John Paine intersection location along Loop 288. City thoroughfare plan shows a future new location for John Paine.
- Confirmed design at IH 35 with HDR. CP&Y to match Loop 288 alignment used in IH 35 design.
 Loop 288/IH-35W conceptual interchange design will be determined based on preliminary traffic data. Traffic data to be performed by HNTB. Developing ultimate main lane, direct connector, and frontage road design at the Loop 288/IH-35 interchange (northern terminus) to match the IH 35 schematic design by HDR. Ongoing coordination between HDR and CP&Y to make sure designs are consistent between plans.
- Meeting with City of Denton, TxDOT, and ITS held on May 31, 2017, to discuss conflicts with gas well sites or other utilities along FM 2449 corridor and potentially shifting the Loop 288 alignment south. City to discuss options. CP&Y to check that roadways are at least 75' from gas well heads.
- Flight data received. TxDOT is reviewing and will be sending to CP&Y in early January. SUE is expected in January. CP&Y will proceed with schematic design with flight data and incorporate SUE once received.
- Received direction from Denton County and TxDOT to include four direct connectors at I-35W/Loop 288: NB-WB, EB-SB, EB-NB, and SB-WB. CP&Y is working on this design.

FM 1515				
CSJ:	1951-01-011	Schematic Approval:	*	
Limits (From):	Bonnie Brae	Public Hearing:	*	
(To):	Masch Branch Road	Environmental Approval:	*	
Length:	approximately 3.3 miles	100% Plans:	*	
Est. Const. Cost:	\$17,671,121	ROW Acquisition Completed:	*	
Description:	Widen existing 2-lane rural section to a six-lane divided urban roadway	Utility Relocations Completed:	*	
Firm:	LTRA	Ready to Let Date:	*	
Key Contact:	Tyler Martin	Construction Complete:	*	



FM 1830				
CSJ:	1785-01-032; 1785-01-034	Schematic Approval:	*	
Limits:	From FM 407 to US 377	100% Plans:	*	
Length:	5.5 miles	ROW Acquisition Completed:	*	
Construction Cost:	\$3,627,951	Utility Relocations Complete:	September 2017	
Description:	Widening roadway to provide three-foot shoulders and replacing bridge and approaches at Fincher Creek	Let Date:	October 5, 2016	
Funding:	CAT 1 and CAT 11	Construction Complete:	August 2018	



- Utilities: Utility relocations are complete.
- Construction: The project let on October 5, 2016. Project was awarded to Jagoe Public. There are 400 working days and 19 months of barricades. Construction began on April 17, 2017. Time was suspended from April 24 to June 11 due to contractor scheduling. See attached TxDOT construction report.

TxDOT Monthly Project Report Date of report: December 12, 2017

Report prepared by: Mark Wiley

Project: STP 1602(424)
Control: 1785-01-032
Highway: FM 1830

Limits: From: FM 407

To: US 377 5.477 MI.

Contractor: **Jagoe-Public Company**

TxDOT Project manager: Mark Wiley Phone: (214) 336-0326 Contractor's Superintendent: James Eaton Phone: (940) 232-4028

Date Work Began: April 17, 2017

Anticipated Completion Date: August 2018

Current Activities:

Current activities include: Placing flex base and tying steel on bridge deck.

Narrative description of last month's activities: Placed reinforced concrete pipe; placed super pave; bent and caps for bridge.

Narrative description of activities planned for next month: Pouring half of the bridge deck and start super pave.

Traffic issues: NA

Plans for changes in traffic patterns: NA

Item(s) of work currently controlling project completion: Bridge construction and striping.

Other items of significance: NA