Precinct 1 Transportation Task Force

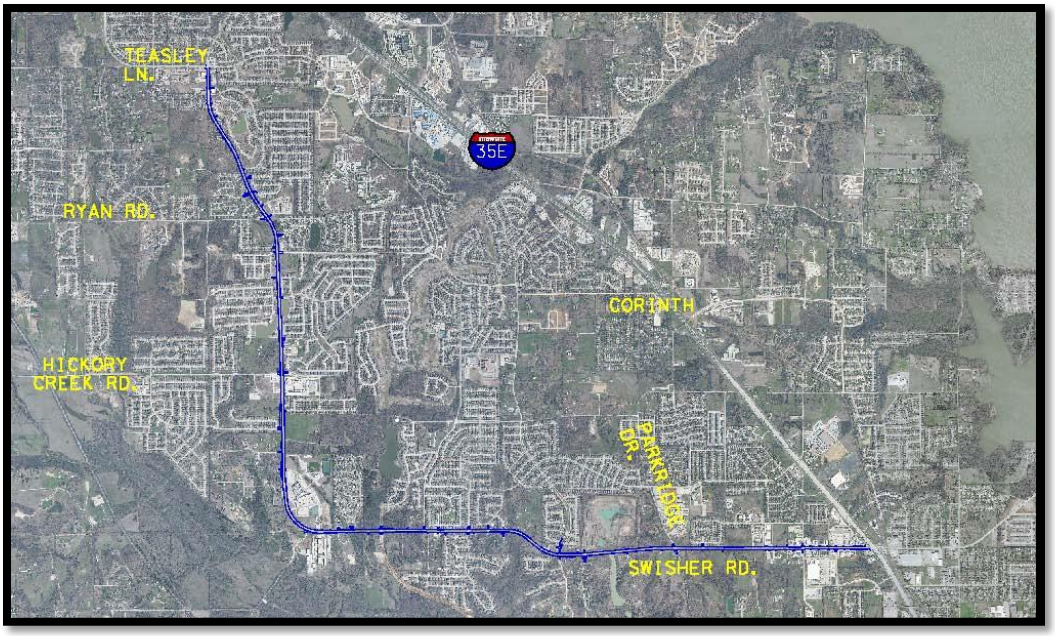
November 20, 2014

PROJECT STATUS UPDATES

- FM 2181
- Lake Lewisville Bridge & FM 720
- FM 720 North
- FM 720 South
- FM 2499, Section 5
- FM 423
- US 377 Pilot Point
- FM 455
- Mayhill Road
- IH-35E Ultimate
- Dallas North Tollway Extension
- Denton County Thoroughfare Plan
- US 377, Stewart/Arvin Hill
- US 377, Aubrey/Krugerville
- FM 2164/Union Hill Intersection
- US 380

FM 2181

CSJ:	2054-02-015; 2054-02-015; 2054-02-016		
Project Description:	Widen from two-lane to six-lane divided roadway		
E/W Limits (From):	City of Denton/Corinth City Limits	**N/S Limits (From):**	Lillian Miller
E/W Limits (To):	IH-35E	**N/S Limits (To):**	City of Denton/Corinth City Limits
Firm:	Huitt-Zollars	**Key Contact:**	David Nufer
Schematic Approved:	December 15, 2005	**Public Hearing:**	November 2006
FONSI:	January 28, 2008	**100% Plans E/W Section:**	December 2012
ROW Acquisition Begins E/W Section:	November 2009	**N/S Section:**	January 2011
Utility Relocation E/W Section:	March 2014	**N/S Section:**	*
DCIS Let Date E/W Section:	May 8, 2013	**N/S Section:**	First quarter 2017



Current Activities:

- **ROW:** Acquisition is complete.
- **PS&E:** The project has been divided into two construction packages.
- **Utilities:** With the exception of UTRWD whose relocations are part of the roadway contract, utility relocations are complete.
- **Construction:** The E-W section let on May 8, 2013, and the low bid was from J.D. Abrams for $24,679,639.00. There are approximately 416 working days and 24 months of barricades.
- See attached TxDOT construction report for the E-W Section.

TxDOT Monthly Project Report for Precinct 1 Task Force

Date of report: November 13, 2014

Report prepared by: Mark Wiley

Project: **STP 2013(667)MM, Etc.**
Control: **2054-02-016, Etc.**
Highway: **FM 2181**
Limits: From: West of FM 2499 (Barrel Strap Road)
To: West of IH 35E frontage road in Corinth
Contractor: **J.D. Abrams, L.P.**

TxDOT Project manager: Mark Wiley Phone: (940) 284-0545
Contractor's Superintendent: Adam Goode Phone: (512) 748-4760

Date Work Began: February 17, 2014
Anticipated Completion Date: March 31, 2016

Current Activities:

Current activities include: Concrete paving from IH 35 to Parkridge. Placing RCP on the north side of FM 2181 from IH 35 to Park Ridge. Continue construction of screen wall from Oakmont to 100 ft. west of Blue Jay, north side of road.

Narrative description of last month's activities: Placed hot mix from Ronald Reagan Ave. to IH 35 service road. Concrete paving FM 2499 and various intersections were placed. Placing RCP on the north side of FM 2181 from IH 35 to Parkridge. Continue construction of screen wall from Oakmont to 100 ft. west of Blue Jay, north side of road. Concrete paving eastbound main lane from Bluebonnet to IH 35 service road.

Narrative description of activities planned for next month: Continue to pour concrete paving at intersections and leave outs on eastbound main lanes. Laying RCP. Pouring sidewalk. Begin starting grade on north side of FM 2181. Place temporary stripe for traffic switch.

Traffic issues: None

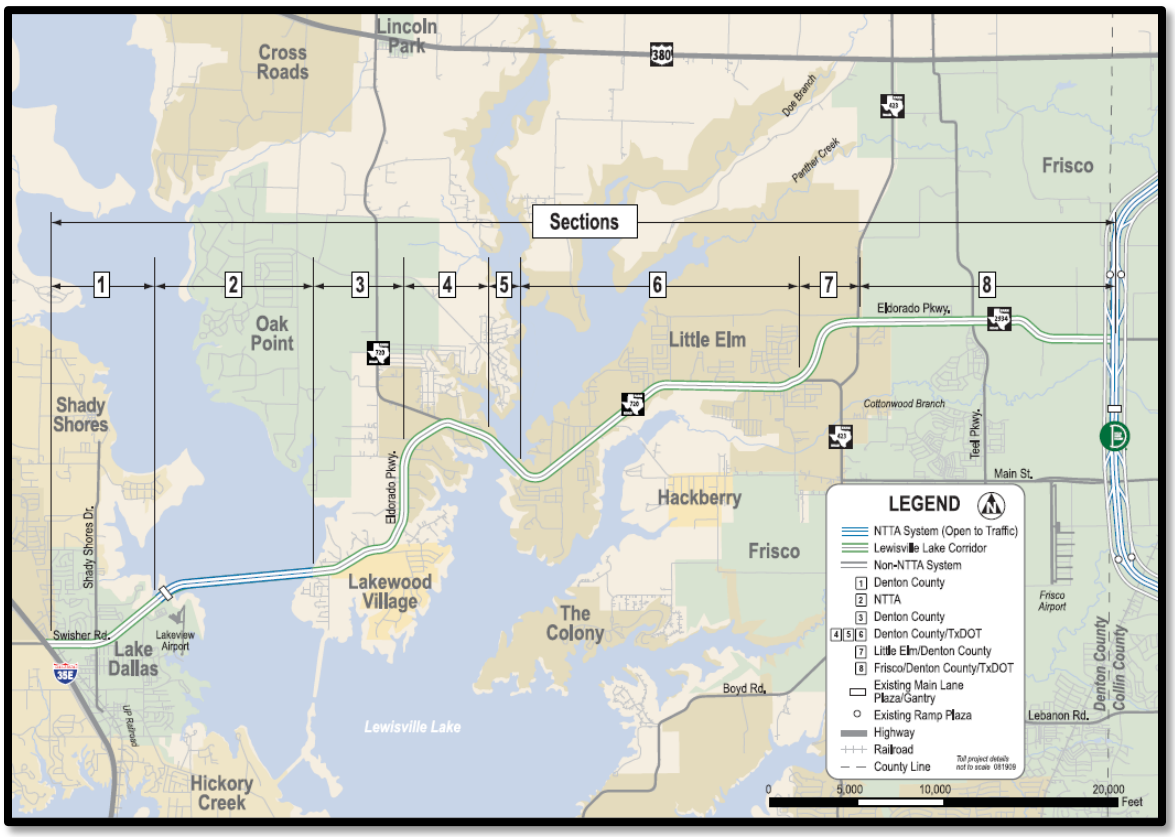
Plans for changes in traffic patterns: None

Item(s) of work currently controlling project completion: Concrete paving

Other items of significance: n/a

LAKE LEWISVILLE BRIDGE & FM 720

CSJ:	1567-01-029
Limits (From):	Eldorado Parkway
(To):	FM 423
Ext. Const. Cost:	$54,321,262.70
Description:	Construct a six-lane divided urban roadway from Eldorado Parkway to FM 423



Current Activities

- **Construction:** FM 720 was let for construction in July 2010. The low bid was $54,321,262.70, submitted by J.D. Abrams. There will be 566 contract days and 30 months of barricades.
- See attached TxDOT Construction Report.

TxDOT Monthly Project Report for Precinct 1 Task Force

Date of report: November 17, 2014
Report prepared by: Tim Massey

Project: **STP 2010(982)MM, Etc.**
Control: **1567-01-029, Etc.**
Highway: **FM 720**
Limits: From: West of Garza Lane
To: West of FM 423

Contractor: **J.D. Abrams, L.P.**

TxDOT Project manager: Tim Massey Phone: (972) 464-0426
Contractor's Superintendent: Brian Barton Phone: (214) 688-0525

Date Work Began: July 14, 2011
Anticipated Completion Date: March 2015

Current Activites:

Current activities include: Concrete paving crew is scheduled to resume main lane paving between Peach Creek Bridge and Hardwick November 21. Eastbound lanes are ongoing and being poured as made ready. Bridge work continues on Lake Lewisville Bridge. Work continues on sidewalks and C-411 rail until completion around the end of November. Lime being placed from Lake Lewisville Bridge to Hwy. 24 westbound lanes. Inlet crew continues to place concrete for inlet tops and headwalls. Driveway crew continues to pour concrete for driveways as made ready. Pipe crew continues to place 48" RCP at Preston on the Lakes. Phase work at Witt and Lobo intersections is ongoing.

Narrative description of activities last month: Concrete paving crew resumed main lane paving between Hardwick and Lake Lewisville Bridge. Eastbound turn lanes are ongoing and being poured as made ready. Bridge work continued on Lake Lewisville Bridge. Sidewalk and rail pours continued on Lake Lewisville Bridge. Lime was placed on Hwy 24 connector. Began backfilling the west abutment of Lake Lewisville Bridge. Phase work at Witt and Lobo intersections is ongoing.

Narrative description of activities planned for next month: Concrete paving main lanes and intersections. Driveways and sidewalks rail for Harts Branch Bridge and Peach Creek Bridge. Steel placement for driveways and turn lane. Excavation embankment, lime treated subgrade, asphalt, culvert installation, pipe installation inlets, SW3P, and retaining wall construction.

Traffic issues: None

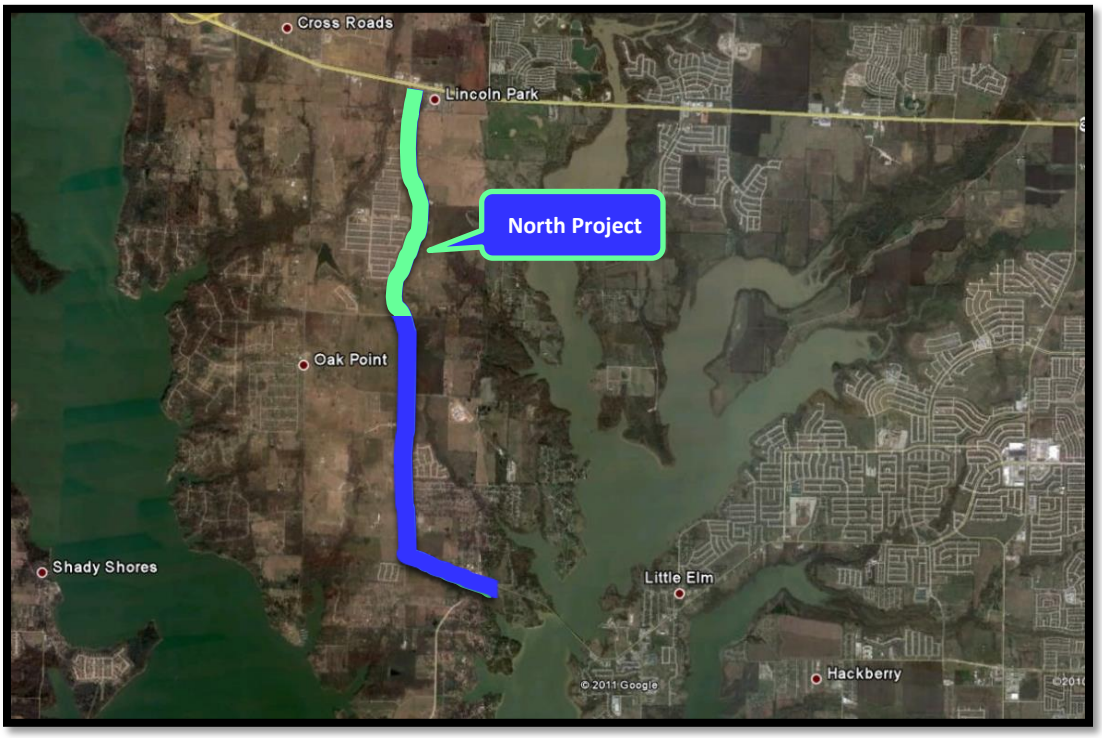
Plans for changes in traffic patterns: Phased construction at intersections at Lobo, Hardwicke, Witt, and the pavement leave outs at various driveways throughout the project.

Item(s) of work currently controlling project completion: None

Other items of significance: None

FM 720 NORTH

CSJ:	1567-01-037	**FONSI:**	December 14, 2011
Limits (From):	US 380	**Schematic Revisions Began:**	April 2013
(To):	Martop Lane	**MAPO:**	June 5, 2014
Est. Const. Cost:	$21,001,000	**100% PS&E:**	October 2015
Project Description:	Widen two-lane rural roadway to six-lane divided urban	**ROW Acquisition Begins:**	July 2014
		ROW Acquisition Complete:	September 2015
Firm:	TxDOT	**Utility Relocation Begins:**	September 2015
Key Contact:	Nelson Underwood	**Anticipated Let Date:**	January 2016



<u>Current Activities</u>:

- See attached TxDOT status report.
- The North project was split from the South project after investigating the impacts of two large water lines on the west side of FM 720 north of Martop to 0.5 miles south of US 380. Due to the cost and time to relocate the water lines, it was determined that the North FM 720 project would be delayed to allow alternative FM 720 alignments that avoid the water lines to be considered.

FM 720 North: From Martop Road to US 380
CSJ 1567-01-037
Denton County

PROJECT STATUS AS OF Thursday, November 20, 2014:

The "North" FM 720 project (2.1 miles, limits noted above) was recently split from southern FM 720 project (2.5 miles, El Dorado Pkwy to Martop) after investigating the impacts of two (2) large water lines on the west side of FM 720 north of Martop to 0.5 mi south of US 380. The lines are on private easement under ownership of Upper Trinity and Mustang Water Districts. Due to the cost and time to relocate the water lines it was determined that the "North" 720 project would be delayed to allow alternative FM 720 alignments to be considered that avoid the water lines.

The projected schedule of the FM 720 "North" project is shown below:

Schematic Revisions Begin: April 1, 2013
Revised schematic approved: Nov 2013
MAPO/Public Meeting: April 2014
Environmental Re-eval Checklist State Approval: July 2014
30% Design Plans: Oct 2014
ROW acquisition: July 2014 thru September 2015
60% Design Plans suitable for Utility relocations: March 2015
Utility relocations: Sept 2015 through March 2016
100% Plans: October 2015
Project Letting: Jan 2016
Start construction: March 2016 (will coincide w/approx. construction completion of FM 720 project south of Martop: Nov 2013 bid, and 2-year construction duration from Feb 2014 to approx. Feb 2016)

Current Activity:

- **Schematic:** Schematic was approved by Design Division and FHWA on March 14, 2014.
- **PS&E:** Design work is underway, and plans are nearing the 30% level.
- **ROW:** All property owners have been notified. Contract with TNP for ROW services should be in place by the end of May and ROW maps completed within three to five months after. Work authorization to start surveying and ROW map changes was executed in mid-June. ROW mapping is complete, with the exception of one small change at the beginning of the project.
- Hydraulic studies have been completed and incorporated into the schematic.
- **Environmental:** Habitat site visit and Natural Resource site visit have been completed with no significant findings. MAPO occurred on June 5, 2014. TxDOT received six comments, and they are being addressed. Environmental document is underway. Uncovered issue with the Lower Oak Grove Cemetery registered on the State Historical website. Site visit was performed and documented for the Environmental Re-eval. Lower Oak Grove Cemetery is proving to be a problem since there are no property owners or contacts to give ROE to the archaeologist. May have to go to court to obtain access and then purchase property needed for new ROW. Environmental is proceeding with a conditional clearance for the project.

FM 720 SOUTH

CSJ:	1567-01-025	**Complete Draft CE:**	March 2006
Limits (From):	Eldorado Parkway	**Schematic Approved:**	October 2007
(To):	South of Martop Road	**Public Hearing:**	August 25, 2011
Est. Const. Cost:	$15,597,320	**FONSI:**	December 14, 2011
Project Description:	Widen two-lane rural roadway to six-lane divided urban	**100% PS&E:**	November 2013
		ROW Acquisition Complete:	June 2014
Firm:	TxDOT	**Utility Relocation Begins:**	December 2013
Key Contact:	Mike Hainline	**Let Date:**	February 4, 2014

<u>Current Activities</u>:

- See attached TxDOT status report.
- **Construction:** The project let on February 4, 2014. The apparent low bidder is Haydon Building Corporation, with $15,597,320.25, approximately 0.6% over the estimate. There are 420 working days and 20 months of barricades. It is anticipated that the pre-construction meeting will be held in December 2014.

FM 720: From Eldorado Pkwy to south of Martop Rd
CSJ 1567-01-037
Denton County

PROJECT STATUS AS OF Thursday, November 20, 2014:

COMPLETED MILESTONES

- **Original Schematic Approved - August 8, 2007**
- **Completed 30% PS&E – April 29, 2009**
- **Original 60% PS&E Completed – May 28, 2010**
- **Revised Schematic approved – November 4, 2010**
- **Revised ROW Map approved: March 21, 2011**
- **Environmental Assessment approved: July 5, 2011.**
- **Public Hearing: August 25, 2011**
- **Environmental Clearance: December 14, 2011**
- **Revised 60% PS&E Completed – March 20, 2013. 60% Plans uploaded to TxDOT FTP site on April 8, 2013.**
- **95% PS&E submitted for internal review on July 19, 2013. 95% Plans uploaded to TxDOT FTP site on July 23, 2013.**
- **100% PS&E submitted to Project Development Office: December 4, 2013.**
- **100% PS&E - mailed to Austin Design Division on December 13, 2013.**
- **Project let on February 4, 2014. Low bidder: Haydon Building Corp. Low bid: $15,597,320**
- **Contract award to Haydon Building Corp by Texas Transportation Commission on February 27, 2014**
- **ROW acquisition complete June 13, 2014.**

FUTURE MILESTONES

- **Preconstruction Meeting: estimate December 2014**
- **Construction start: estimate January 2015 as per construction start delay to allow for utility relocations. Actual construction start will depend on progress of utility relocations throughout the corridor.**

DESIGN

- **PS&E: 100% complete. Submitted to Austin Design Division on December 13, 2013.**

ROW

- **ROW Mapping – Original ROW map completed March 31, 2010. ROW Div accepted on May 24, 2010.**
- **ROW Map revised and approved on March 21, 2011. Revisions include: one parcel for parallel drainage, Schematic revision to avoid impacts to AT&T facility – Revise 7 parcels, remove 1 parcel (AT&T).**
- **Consultant working on ROW acquisition: PAS. TxDOT ROW PM: Lezlie Kirby. ROW appraisals and offers to property owners on-going. Monthly ROW status meetings held at the TxDOT District office.**
- **Request for Work Authorization submitted on March 22 to revise ROW map - remove parcels Parcels 21E, 45 Parts 1 and 2, 48CE, 49 Part 2.**
- **As of June 23, 2014, all 51 parcels have been acquired.**

UTILITIES

- **Subsurface Utility Engineering (SUE) provided by Cardno TBE to District on July 29, 2010.**
- **Utility Coordination meetings in 2013: March 20, April 18, May 16, June 20, July 18, August 15, September 19. Utility Coordination Meetings thus far in 2014: February 27, March 27, April 24, May 29, June 18, July 17, August 21, Oct 23. Next meeting to discuss progress of utility relocations: Dec TBD, 2014 at the Denton Area Office.**
- **Meeting with Terra Southwest to discuss utility conflicts held on Nov 19, 2013.**
- **Utility Clearance Letters with clear dates and outlined conflicts were requested from all utility companies on September 17, 2013. As of December 16, 2013, certification letters received from all utility companies. A construction start delay of 270 calendar days will be included in the project to allow for utility relocations throughout the corridor.**
- **Utility Relocations – Relocation plans and projects for some utilities currently underway.**

SCHEMATIC AND ENVIRONMENTAL

- **Revised schematic incorporating new alignment (avoid AT&T Central Office) approved on November 4, 2010.**
- **Environmental Assessment (EA) approved: July 5, 2011**
- **Public Hearing: August 25, 2011**
- **Submitted public hearing packet for review: November 16, 2011**
- **Environmental Clearance Received: December 14, 2011**

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 complete by December 2014; Phase II complete by July 2015
Project Tracker Let Date:	July 8, 2014
Construction Complete:	*

Current Activity:

- **PS&E:** Final 100% bid set was submitted in May 2014.
- **Utilities:** Halff is currently working with the Area Office and utility owners to coordinate necessary relocations. The next project-wide utility coordination meeting will be held on November 20, 2014. See attached meeting minutes from October 23, 2014. TxDOT is asking NGG to provide as-built location of line within reasonable horizontal and vertical tolerances. LTRA, TxDOT's consultant, could not accomplish this request due to pipeline depths and presence of rock. Once the as-built location is determined, an alternative wall design that works around this utility rather than requiring it will be prepared by TxDOT. This will become a change order to the construction contract.
- **Funding:** This project is fully funded with Regional Toll Revenue.
- **Construction:** The project let on July 8, 2014. The apparent low bidder was 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. It is expected that construction will begin in March 2015.

FM 2499-5 Utility Coordination Meeting Minutes: October 23, 2014

Attendees:
- TxDOT
- Halff
- Others: Atmos, DME, UTRWD, Verizon, City of Denton, DISD

Summary:

I. INTRODUCTIONS

II. PROJECT STATUS
   a. Right of Way – Completed
   b. Funding – RTR, Complete
   c. Letting Date – July 8, 2014

III. BASIC DESIGN INFO
   a. Limits – From FM 2181 to IH 35E
   b. Length – 2.919 miles or 15,440.39 ft.
   c. Scope – Construction of a Non-Freeway Facility

IV. UTILITY COORDINATION/QUESTION AND ANSWER
   a. Utility Installation Review System
   b. Utility Clearance Letters
   c. Utility Agreements
   d. Utility Companies
      - Atmos: Phase 1 is clear. Phase 2 is scheduled to start construction week of October 27.
      - City of Denton: Phase 1 clear. Phase 2: have bid and contractor; begin construction in December.
      - DISD/Denton County: Phase 1: construction complete. Phase 2: have contractor and need to process paperwork; should be clear in 30 – 45 days.
      - COSERV Gas: Phase 1: Completed from 2181 to Beaver Pond just south of Robinson; Phase 2 is clear. No update at this meeting.
      - DME: Phase 1: complete. Phase 2: finalizing design.
      - Charter: Phase 1: clear. Phase 2: no update.
      - Level 3: Complete
      - UTRWD: Only grouting remains to finish construction. Land owner no longer giving them access, so have not been able to grout the line; have a plan that would take about 1 week to complete, but if it doesn't work, may have to remove/reinstall line.
      - NGG Pipeline: Received updated plans, and Halff had concerns about verifying location in the field during construction because plans don't have alignment data; NGG said they will snake line after construction to verify location. No update at this meeting.
      - Verizon: Phase 1 clear; Phase 2: need city permit; then ready to construct

VI. NEXT STEPS
   a. Plan Distribution
   b. Data Collection
   c. Future Meetings: November 20, 2014

FM 423: NORTH

CSJ:	1315-02-009
Limits (From):	Stewart Creek Road
(To):	US 380
Length:	6.91 miles
Construction Cost:	$29,826,069.71
Description:	Construct four- to six-lane divided urban roadway
Firm:	Jacobs Engineering
Key Contacts:	Debbie Neubert
ROW Acquisition Began:	December 2010
ROW Acquisition Complete:	July 2012
Utility Relocation Began:	July 2011
Utility Relocation Complete:	December 2014
Let Date:	September 11, 2013
Construction Began:	October 8, 2014
Construction Complete:	July 2018

Current Activity:

- **ROW:** ROW acquisition is complete.
- **Utilities:** See attached utility update.
- **PS&E:** 100% Plans have been completed.
- **Construction:** Project let on September 11, 2013. Low bidder was MCM, with a bid of $29,826,069.71. There are 29 months of barricades. There is a 9-month delayed start. The pre-construction meeting occurred on August 26, 2014. Construction is anticipated to begin in October. See attached construction report.

TxDOT Utility Coordination Report: November 18, 2014

AT&T – Complete

City of Frisco – Complete

CoServ Electric – Working south of Eldorado Parkway. Estimated completion date is December 2014.

Grande – Complete from US 380 to Eldorado Parkway. Waiting for CoServ Electric to finish south of Eldorado. Esimated completion is December 2014.

Suddenlink – Complete

Town of Little Elm – Complete

TxDOT Monthly Project Report for Precinct 1 Task Force

Date of report: November 17, 2014

Report prepared by: Tim Massey

Project: **C 1315-2-9**
Control: **1315-02-009**
Highway: **FM 423**
Limits: From: US 380
To: 0.8 miles south of FM 2934 (Eldorado Parkway)
Contractor: **MCM**

TxDOT Project manager: Tim Massey Phone: (940) 387-1414
Contractor's Superintendent: Tim Shover Phone: (940) 687-9140

Date Work Began: October 8, 2014
Anticipated Completion Date: July 31, 2018

Current Activities:

Current activities: Culvert installation will continue at culverts 7 near Sunflower, culvert 4 near Panther Creek Parkway, and culvert 2 near Panther Creek Bridge. Signals at Panther Creek Parkway will be switched to temporary signals on 11/17. A detour will be constructed near Panther Creek Bridge to install culvert 2. Embankment will be placed at Panther Creek Bridge abutments to allow the continuation of bridge substructure. Grading activity will take place throughout project to prepare for roadway widening phase 1 stage 3.

Narrative description of last month's activities: Phase 1 of Culvert 7 near Sunflower Drive is being constructed. A detour will be built to allow Phase 2 of the culvert to be constructed. Culverts 5 and 6, which are located between Two Rivers and Panther Creek Parkway, were constructed; daily lane closures were being used as culverts are placed across FM 423. ROW was cleared at Panther Creek Bridge; work on substructure began with drilled shafts being installed. Temporary signal installation has begun at Panther Creek Parkway.

Narrative description of activities planned for next month: Continuation of all culvert installations mentioned above. Continue with Panther Creek Bridge substructure. Temporary signals will continue to be placed at Panther Creek Parkway, US 380, Eldorado Parkway, and Sunland Park.

Traffic issues: None

Plans for changes in traffic patterns: n/a

Item(s) of work currently controlling project completion: None

Other items of significance: None

US 377 PILOT POINT

CSJ:	0081-06-029	**Begin Advanced Planning:**	June 2010
Limits (From):	Grayson County Line	**Complete Draft Env. Document:**	August 2011
(To):	North of N. Washington Street	**Schematic Submitted:**	September 2011
Est. Const. Cost:	$12 million	**Public Hearing:**	July 27, 2010
Project Description:	Reconstruction of roadway to include a continuous left-turn lane	**Environmental Clearance:**	August 30, 2012
Length:	3.5 miles	**100% Plans**	March 2013
Firm:	Bridgefarmer	**Construction Completion:**	July 2015

<u>Current Activity</u>:

- **Construction:** The project let on January 7, 2014. The apparent low bidder is Jagoe Public, 2.63% under the construction estimate. There are 264 working days and thirteen months of barricades. Time and work were suspended on this project through April 27, 2014, to allow Jagoe to schedule their subcontractors. Pre-construction meeting occurred on April 23, 2014. Work began on May 19, 2014. The project duration is 12 months. See attached TxDOT construction report.

TxDOT Monthly Project Report for Precinct 1 Task Force

Date of report: November 12, 2014

Report prepared by: Stephanie Powers

Project: **C 81-6-29**
Control: **0081-06-029**
Highway: **US 377**
Limits: From: South of Bus 377E
To: Bus 377E north of Pilot Point

Contractor: **Jagoe-Public Company**

TxDOT Project manager: Tim Massey Phone: (940) 387-1414
Contractor's Superintendent: Clayton Waddle Phone: (940) 600-2033

Date Work Began: May 19, 2014
Anticipated Completion Date: July 31, 2015

Current Activities:

Current Activities: Finishing prep ROW from McDonald Street to county line. Placing embankment and flexbase for widening from McDonald Street to county line. Pouring riprap at safety end treatments from Debbie Lane to Berend Street. Placed asphalt paving on cut and restore across culverts on northbound from S. Washington Street to county line.

Narrative description of last month's activities: Continued prep ROW from McDonald Street to county line. Placed embankment and flexbase for widening from Debbie Lane to McDonald Street. Removed asphalt driveways. Poured riprap at safety end treatments from Foutch to Debbie Lane. Removed existing pavement at David Lane. Began phase I on FM 455/Liberty.

Narrative description of activities planned for next: Continuing excavation, embankment, and flexbase from McDonald to county line. Placing asphalt on flexbase from FM 455/Zipper to FM 455/Liberty. Install driveways from Foutch to FM 455 east.

Traffic issues: n/a

Plans for changes in traffic patterns: n/a

Item(s) of work currently controlling project completion: Embankment, flexbase, riprap

Other items of significance: n/a

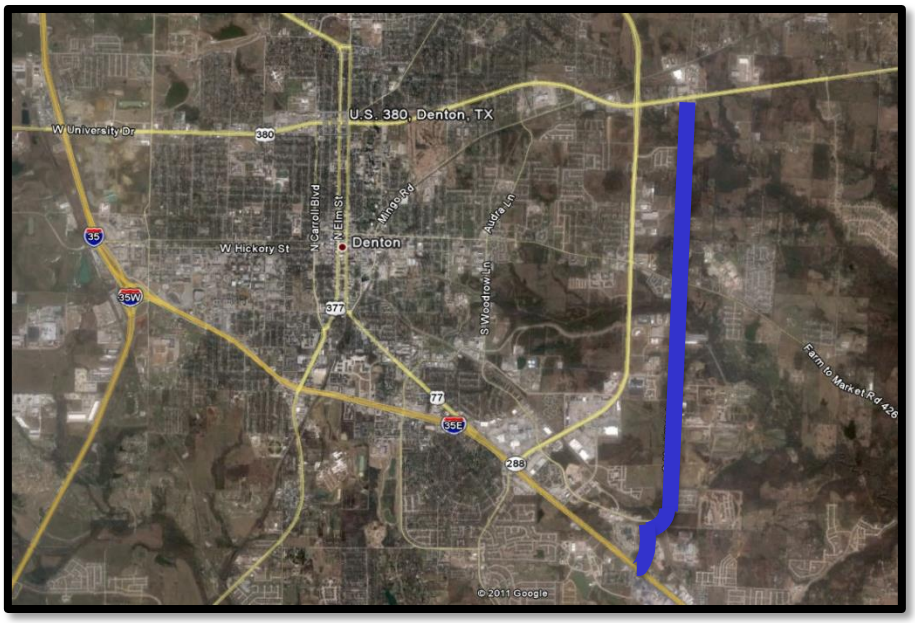
FM 455			
CSJ:	0816-02-072	**Begin Advanced Planning:**	June 2010
Limits, Section A:	From FM 2450 to approx. ¾ mile west of IH-35	**Complete Draft Env. Document:**	January 2015
Limits, Section B:	From approx. ¾ mile west of IH-35 to 1.5 miles east of IH-35/Marion Road	**Schematic Approved:**	Winter 2015
Length:	5.3 miles	**Clearance for Public Involvement:**	*
Est. Const. Cost:	$40 million	**Public Hearing:**	*
Project Description:	Widen two-lane rural roadway to four-lane urban roadway with turn lanes at IH-35	**FONSI:**	*
		ROW Acquisition Begins:	*
Firm:	Dannenbaum	**Utility Relocation Completed:**	*
Key Contact:	Danny Everett	**Anticipated Let Date:**	*

Current Activity:

- **ENV:** Civil Associates submitted the ENV constraints report to TxDOT Dallas District for review on November 4, 2014.
- **PS&E:** FM 455 will be split into two sections for construction purposes. Section A is from FM 2450 to approximately ¾ mile west of IH-35. Section B is from approximately ¾ mile west of IH-35 to 1.5 miles east of IH-35/Marion Road. The project will not be split for the schematic and environmental phases.
- **Schematic:** Dannenbaum submitted the schematic to the Dallas District on September 20, 2012. Comments were received, and a comment resolution meeting was held on July 17, 2013. Dannenbaum addressed comments and resubmitted the schematic to TxDOT on October 16, 2013. Dannenbaum incorporated the City of Sanger utilities (plan only) into the schematic. Dannenbaum addressed final TxDOT comments and submitted the schematic for district review on July 25, 2014. Revised environmental constraints report was submitted to District office on August 12, 2014. TxDOT provided comments to Dannenbaum on September 4, 2014. Dannenbaum addressed the comments on the schematic and hydraulic report. Dannenbaum submitted schematic and hydraulic report to the District for review on October 31, 2014. Currently awaiting comments on all documents. Dannenbaum will revise the schematic based on TxDOT comments from the review and submit to Austin for approval in January 2015.

MAYHILL ROAD

Limits (From):	IH-35E	**ROW Acquisition Began:**	August 2011
(To):	US 380	**ROW Acquisition Complete:**	December 2015
Length:	3.9 miles	**Design Complete:**	June 2015
Est. Const. Cost:	$56,670,566	**Utility Relocations Complete:**	Spring 2017
Project Description:	Widen existing two-lane roadway to four-lane, divided urban cross section	**Award Construction Contract:**	April 2016
Firm:	City of Denton	**Construction Let Date:**	January 2016
Key Contact:	Frank G. Payne, P.E.	**Construction Complete:**	Spring 2019



Current Activity

- Relocation efforts have largely been completed. Demolition of structures on acquired properties is underway. There are 51 parcels to acquire, and 34 have closed.
- The consultant has submitted 60% progress drawings, and the City has returned comments. Proceeding with 90% design.
- The construction initiation schedule may be early 2016. The project may be constructed in phases, depending on the sequence of ROW acquisition (if all parcels are secured north or south of the "break point," a phased approach may be best). The transition point for phasing will be on the north side of the Morse Street intersection with Mayhill Road, since that works best with existing pavement, Pecan Creek bridge, and traffic control plan.
- The project website contains updates and project information: www.mayhillroad.com.
- The City has spent just over $3.87 million to date on engineering costs and has an additional $1.73 million encumbered under the contract. The AFA budgetary amount for engineering is approximately $5.5 million. The City has spent just over $5.69 million to date on ROW acquisition and has an additional $0.6 million encumbered. The AFA budgetary amount for ROW is approximately $12.3 million.

IH 35E ULTIMATE

- TxDOT has submitted a TIFIA loan request for $600 million. The TIFIA loan application was reworked to reflect a request for $450 million. The TIFIA loan request has been accepted; terms are being negotiated.
- AGL Constructors (Archer Western Contracts, LLC; Granite Construction Company; and The LANE Construction Company) was the firm selected. $849 million nominal was the base bid.
- The first Notice-to-Proceed was issued on May 30, 2013.
- The second Notice-to-Proceed issued on August 29, 2013.
- Alternative Technical Concepts are being considered for addition to the project. Traffic & Revenue Studies currently support an additional $215 million in scope. The total cost of the 6 options the region is exercising is approximately $250 million. $50 million in RTR funds expended for ROW can be reallocated to additional project scope.
- The Regional Transportation Council voted to support the inclusion of various options in the current AGL contract and acknowledged the temporary backstop by Denton County RTR until the TIFIA loan can be finalized. TIFIA loan amount has been increased from $215 million to $285 million. It is anticipated that financial closure will occur in the August 2014 timeframe.
- Denton County passed a supporting resolution on this issue on August 20, 2013.
- A groundbreaking ceremony was held on October 3, 2013.
- Corps of Engineers executed construction license for AGL on December 13, 2013.
- ITS meets with TxDOT and AGL every other Thursday to discuss design and construction issues related to the project.
- AGL currently working on widening various bridges north of the lake to the inside to allow the addition of an additional general-purpose lane in each direction.

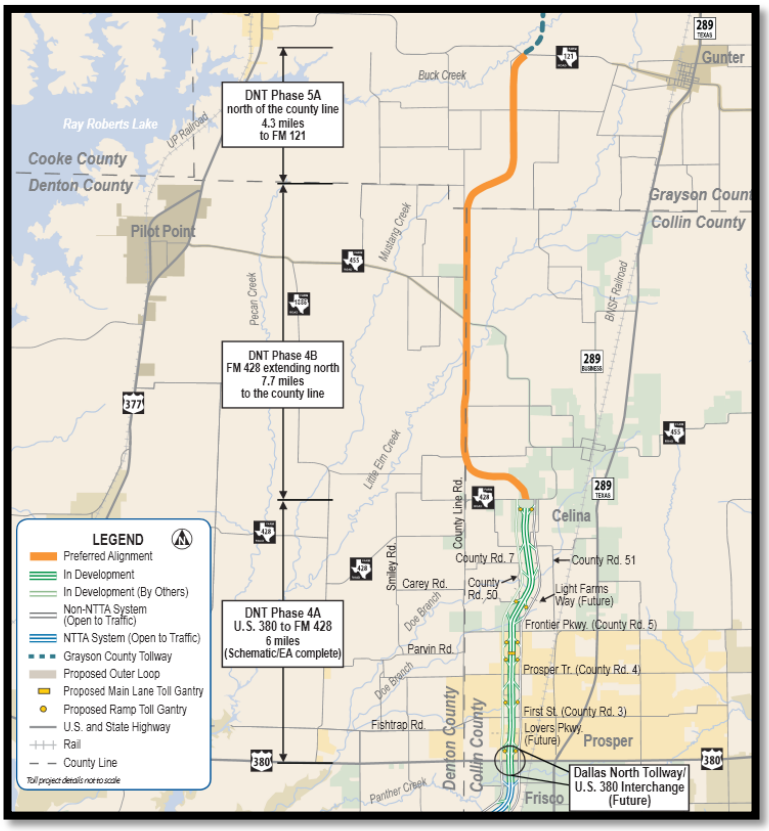
30-Day Outlook: North Segment

US 380 to Swisher Road/FM 2181

- Work on the bridge at Bonnie Brae Street is winding down with construction crews placing the center divider this month.
- At US 77/Dallas Drive, drill shaft placement and column pours continue for the rehabilitation and expansion of the northbound mainlane bridge.
- Work widening the I-35E bridge over Mayhill Road will continue with bridge deck placement set for mid-November that will involve nightly full closures of Mayhill Road. Work on the north and south approaches to the interstate bridge will follow.
- Shoulder work continues on north and southbound I-35E between Corinth Parkway and Post Oak Drive. Northbound traffic will shift east to the new road surface in mid-November and the southbound lanes will shift east to the former northbound lanes approximately two weeks after.

DALLAS NORTH TOLLWAY, EXTENSION 4B

Limits:	From FM 428 extending north 7.7 miles to the county line
Length, Extension 4B:	7.7 miles
Ext. Const. Cost:	To be determined
Description:	To extend the Tollway north from US 380 to the Collin/Grayson County line by constructing a six-lane tollway with three northbound lanes and three southbound lanes; construction of six lanes of non-tolled frontage roads, including three lanes in each direction



Current Activity:

- The ILA was executed by Denton County on February 5, 2013. NTTA executed the ILA on February 27, 2013.
- NTTA has all but three donation agreements signed by the property owners. The outstanding agreements are with Bunch, Clark, and Dynavest. NTTA continues to work with property owners to secure the donation agreements. All Denton County property owners have signed agreements.
- NTTA Board of Directors approved contract with Burns and McDonnell for the frontage road design. The notice to proceed with the design should be issued before the end of November.

DNT Interim Connector Road:

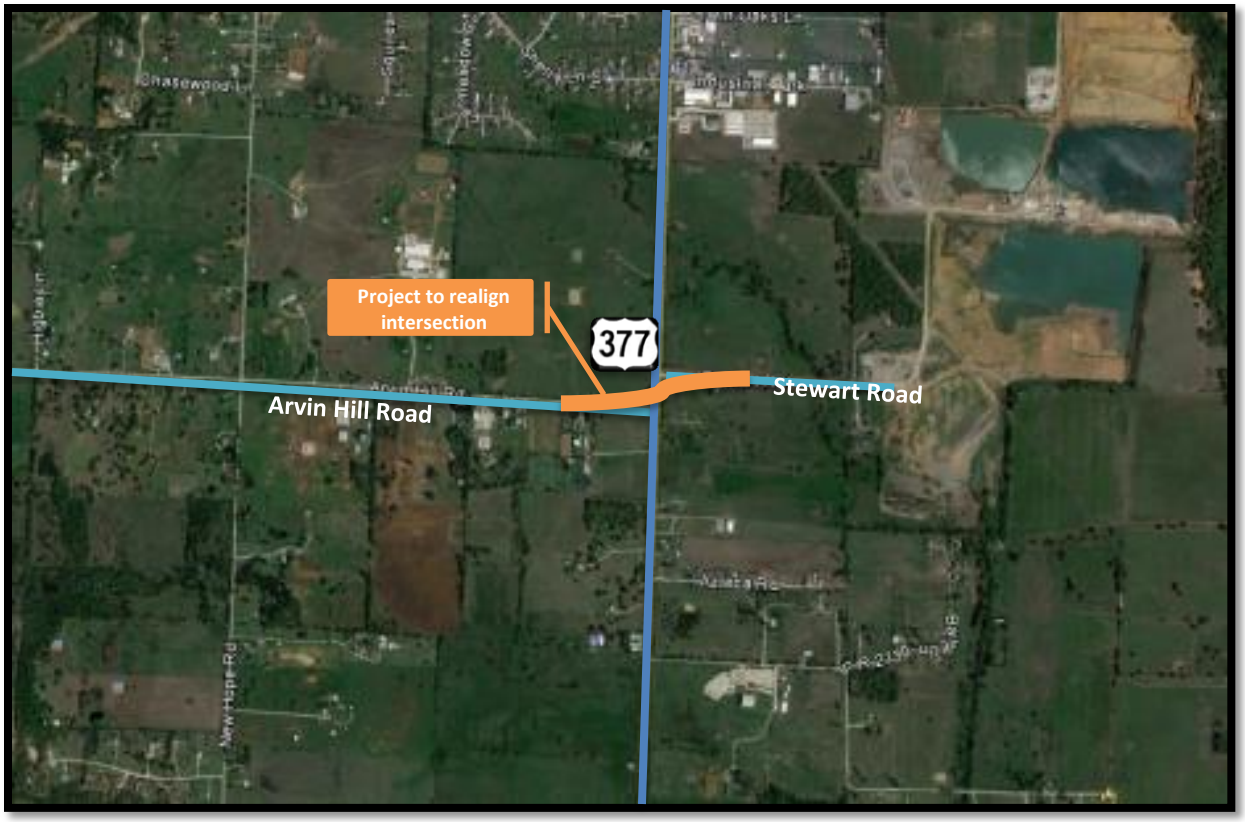
- Kick-off meeting with LTRA, Denton County, and ITS occurred on May 23, 2014. LTRA has obtained right-of-entry and has begun ROW survey.
- LTRA has completed survey work. LTRA has submitted property owner information for purpose of meeting with impacted property owners.
- LTRA submitted two alternate alignments for review and approval. LTRA revised alignment at south tie-in to FM 428 and resubmitted. LTRA received comment from ITS regarding alignment change at the south tie-in per request from property owner.
- LTRA has begun work on drainage design, environmental constraints, schematic development, and alternative alignments.
- ITS has been meeting with various property owners to obtain feedback on the draft schematic submitted by LTRA.
- ITS gave notification to LTRA to suspend work on the interim road project on October 13, 2014. ITS will work with Denton County to determine if the project should be pursued or if the contract should be terminated.

DENTON COUNTY THOROUGHFARE PLAN

- ITS has collected available city thoroughfare plans and forwarded them to Freese & Nichols.
- ITS met with Freese & Nichols on July 28, 2014, to discuss next steps for thoroughfare plan.
- ITS has collected adjacent county thoroughfare plans, crash data, and demographic data for use in compilation of the thoroughfare plan.
- ITS is coordinating meetings with commissioners to discuss the thoroughfare plan. Freese & Nichols has met with Judge Horn and Commissioners Coleman, Mitchell, and Eads.
- Freese & Nichols used NCTCOG model demographics to prepare net growth and density maps to assess representation of county growth in NCTCOG future travel demand model.
- Freese & Nichols compiled adjacent county thoroughfare plan into GIS.
- Freese & Nichols is compiling existing traffic data for assessment of existing traffic LOS, roadway conditions, and crash data for assessment of potential safety issues.
- Freese & Nichols is assessing network continuity between city and adjacent county thoroughfare plans. FNI is comparing city thoroughfare plans to network representation in NCTCOG 2035 travel demand model. FNI completed assessing network continuity between city and adjacent county thoroughfare plans and comparing plans to network representation in NCTCOG travel demand model. FNI is preparing modifications needed to NCTCOG model to make new baseline run for analysis. FNI will meet with NCTCOG to discuss needed modifications.
- Freese & Nichols completed addressing/resolving issues between compiled information and data. Preparing to update baseline model.
- Critical issues that have arisen from the discussions with commissioners include: environmentally and developmentally sensitive areas north of US 380/west of DNT extension; need for enhanced east-west regional arterial roadway to share growing demand on US 380; and need for functional alignment of meandering network of local arterial roadways.
- Freese & Nichols reviewed population and employment representations in regional travel demand model with ITS and commissioners during stakeholder meetings. Overall growth in Denton County appears to be understated in NCTCOG model. New emerging developments that may not currently be considered in NCTCOG model: Nebraska Furniture Factory in The Colony, Trammel Crow and Hillwood developments along I-35W in north Fort Worth, and promulgation of oil well drilling in west and northwest Denton County.

US 377: Intersection at Stewart/Arvin Hill

Limits:	US 377 at Stewart and Arvin Hill Road
Ext. Const. Cost:	$4,000,000 (total project)
Description:	Realign the roadway to create one intersection, instead of two on US 377 at the Stewart and Arvin Hill intersections (this is part of larger Arvin Hill project to widen roadway and improve drainage)
Firm:	TranSystems

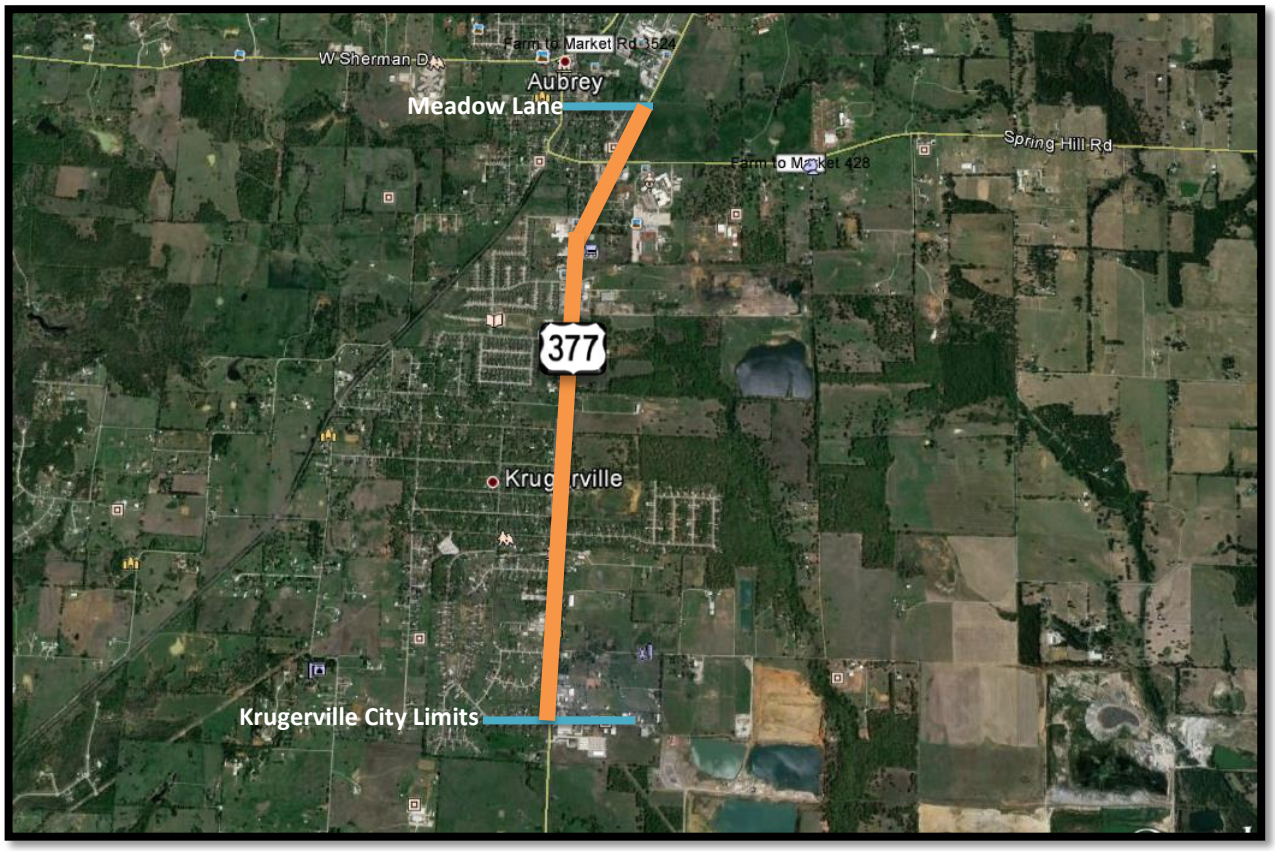


Current Activity:

- Denton County has reviewed the 65% submittal. The county issued a supplemental agreement with the engineer to include the design of Arvin Hill from Red Mesa to Highway 377, including the intersection of Arvin Hill and Highway 377. Meeting with Transystems to update progress occurred on September 29, 2014.
- The design of Rock Hill Road to Red Mesa Trail has been completed, pending discussions with the Corps of Engineers. Denton County met with the Corps of Engineers and has worked through design issues. Surveyors discovered a discrepancy on the Corps boundary. TNP has received decision from USACE on where the easement lines should be. Fort Worth office has requested a consistent easement width down the road and not to the fences. TNP will submit exhibit and legal description. County is waiting for Corps to finish their review of easement for stormwater design.
- **ROW:** Only one parcel is required for acquisition on this project. Denton County revised the ROW across the property at the request of the owner; however, the owner is no longer cooperating. Denton County has advised the property owner's attorney that the next step is condemnation and using the original ROW alignment. Condemnation proceedings are moving forward.

US 377: Aubrey/Krugerville

Limits:	South City Limits of Krugerville to Meadow Lane
Description:	Increase shoulder width from 4 feet to 10 feet
Ext. Const. Cost:	To be determined
Firm:	*

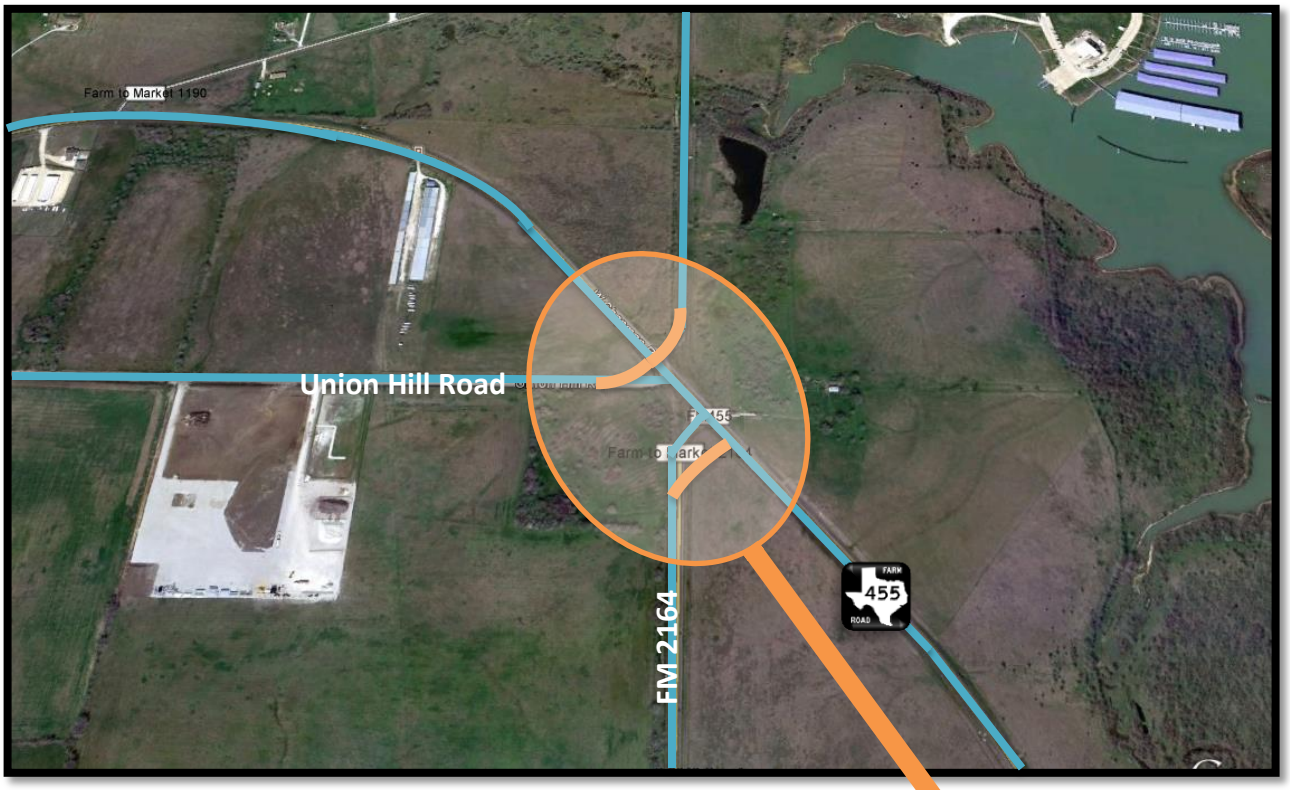


<u>Current Activity</u>:

- ITS met with TxDOT the first week of July 2013 to discuss the project.
- ITS met with TxDOT on Monday, July 29, 2013, to review the project plans.
- ITS met with TxDOT on Tuesday, January 21, 2014, to discuss the project and possible TxDOT participation. Anticipate project needing a Categorical Exclusion. Currently, TxDOT Dallas does not have any safety (CAT 5) or maintenance (CAT 1) funding for this type of job.

FM 2164: Union Hill Intersection

Limits:	To be determined
Description:	Realign Intersection of FM 2164, FM 455, Union Hill
Ext. Const. Cost:	To be determined
Firm:	LTRA (Lina T. Ramey & Associates)
Key Contact:	Massoud Manesh

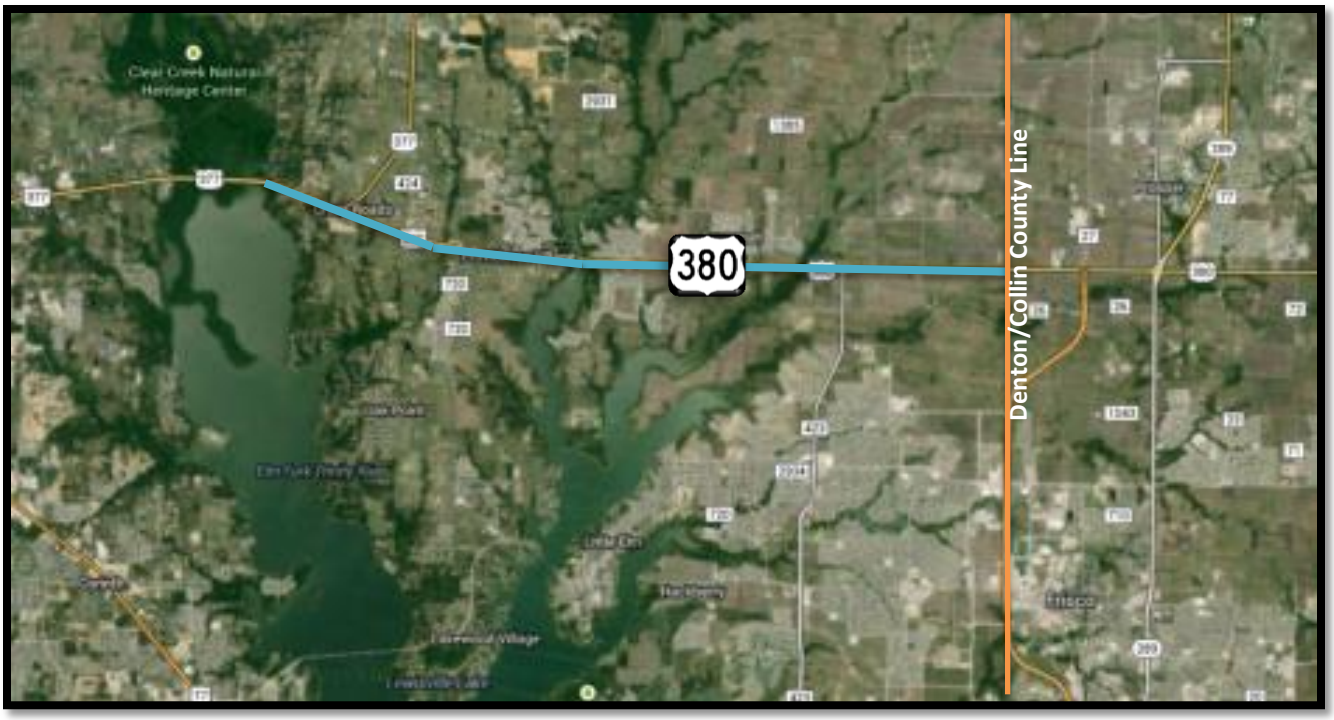


Current Activity:

- **Schematic:** LTRA submitted the schematic to TxDOT on March 31, 2014. LTRA met with TxDOT on May 21, 2014, to discuss comments. LTRA revised schematic per TxDOT's comments and resubmitted to TxDOT on September 29, 2014. Awaiting TxDOT comments.
- LTRA attended meeting with TxDOT on July 21, 2014, to discuss the project cost estimate and TxDOT's comments on the revised schematic. LTRA prepared cross sections and submitted to TxDOT.
- Pending TxDOT's approval of the schematic, LTRA will continue preparation of PS&E.

US 380

Limits:	From west of US 377 to the Collin County line
Description:	Widen existing roadway
Ext. Const. Cost:	To be determined
Firm:	*
Key Contact:	*



Current Activity:

- ITS and TxDOT met to discuss the project on May 1, 2014, and looked at upgrading to six lanes with no new ROW with the possible exception of some grade separations at intersections where traffic would warrant.
- TxDOT held a meeting with the consultant on June 2, 2014, to discuss the scope of work for the project. The kick-off meeting will occur after the contract is signed.
- TxDOT selected AECOM as the consultant. Collin County has requested that TxDOT prepare a feasibility study for the Collin County portion of the project.
- Collin County and affected cities are reviewing the feasibility scope of work for their sections. AECOM submitted the fee to TxDOT for the Denton County portion, and after the scope is set with Collin County, AECOM will submit that portion of the fee to TxDOT for negotiations.
- TxDOT has incorporated scope comments from Collin County and affected cities for the Collin County portion of the Work Authorization. AECOM submitted the revised fee (for both Denton and Collin Counties), and TxDOT is currently in negotiations. A meeting with AECOM to discuss the fee occurred on November 18, 2014.