



Precinct 1 Task Force Report

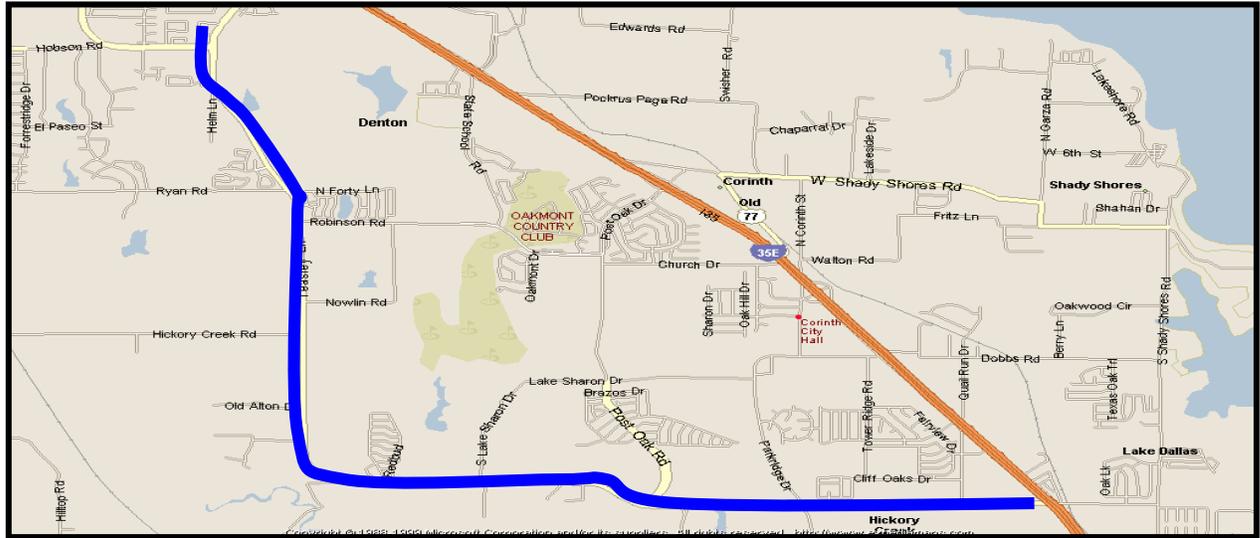
December 3, 2009

Project Specifics:

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FM 2181

C-S-J:	2054-02-015	2054-02-015	2054-02-016
Limits (From):	Lillian Miller	Lillian Miller	Hickory Creek
(To):	IH 35E	Hickory Creek	IH 35E
Jurisdiction	Denton, Corinth	Denton	Corinth
Project Description:	Widen from 2-lanes to 6-lane divided roadway		
Consultant	Huitt Zollars	Huitt Zollars	Huitt Zollars



SCHEDULE

(approximate dates, subject to change without notice)

Submit EA to TxDOT AO for initial review	June 2002	
Submit Schematic to Denton AO for review	December 2002	
Notice to Proceed on PSE	January 2003	
Schematic modification continues	January 2003 thru Fall of 2003	
Schematic Approved	December 15, 2005	
Clearance for Public Hearing	August 2006	
Plans Adequate	August 2006	
Public Hearing	November 2006	
FONSI	January 28, 2008	
100% Plans Submission	December 2008	
ROW Acquisition Begins E/W Section- N/S Section	November 2009	January 2010
Utility Relocation	*	*
DCIS Let Date E/W Section – N/S Section	May 2012	May 2012

FM 2181

History

- TxDOT originally scheduled to fund 4-foot shoulders from Hobson Lane to Lake Sharon Road for approx. \$1.3 million. County requested a partnership be established to add capacity to FM 2181. TxDOT agreed and the County was to conduct the advanced planning for the improvements (EA and PS&E).
- Original plan was to do PS&E in Corinth/Hickory Creek from IH 35E to Parkridge. Ultimately Corinth did not choose to pursue participation in the PS&E due to the timeline projected for the roadway completion. Subsequently, the City of Denton agreed to pay \$450,000 of the \$999,913 Huitt Zollars contract for the portion of the EA and PS&E located within the City of Denton.
- FM 2181 (entire project limits) has received \$23.4 million from the North Central Texas Council of Governments' Strategic Program Initiative call for projects. This project received the highest funding of all projects.

Milestones

- ✓ Denton County met with TxDOT and HZ regarding the PS&E and adding sidewalks on July 2, 2007. HZ will be reviewing plans to identify areas that will require retaining walls or additional ROW.
- ✓ FM 2181 received environmental clearance on January 28, 2008.
- ✓ An additional \$18.52 million for FM 2181 was approved by the RTC at its January 24, 2008 meeting. ROW: TxDOT Dallas has both ROW LPAs for FM 2181 as of February 12, 2009. TxDOT anticipates obtaining release for acquisition by mid-April, 2009.
- ✓ PS&E: Vertical profiles, plans, general notes and specifications have been modified to incorporate sidewalks into the project. 65% plan submittal occurred on January 2, 2009.
- ✓ Denton County executed the ROW LPA for the Denton portion of FM 2181 on April 8th.

Current Activities

- ROW: TxDOT has retained three firms to acquire the E/W portion of FM 2181. They are: American Acquisition Group (AAG) for parcels 1-51, 122 (29A & 29B will be acquired by TXDOT). Associated Right of Way Services (ARWS) for parcels 52-100, and Property Acquisition Services (PAS) for parcels 101-148.
- The contract kick-off meeting was held November 18, 2009. A stakeholders meeting between the county, state, cities and ROW agents will be set for some time in December, 2009. Once reports begin to be generated, they will be provided to municipal stakeholders.
- Modifications to the Regional Toll Revenue Initiative are being made to allow TxDOT to retain ROW services for the N/S section of FM 2181. Those firms are anticipated to be on contract by January 2010.
- Additional coordination is required for utility relocations along the entire FM 2181 corridor.
- See HZ status Report Attached.

PROGRESS REPORT
FM 2181
DENTON COUNTY
December 2009

ROUTE STUDIES

Revised Schematic was approved by TxDOT on July 27, 2006.

Outstanding Issues: None

ENVIRONMENTAL ASSESSMENT

The FONSI was issued on January 28, 2008 and delivered to the TxDOT Denton area office the week of February 10, 2008.

Outstanding Issues: None

RIGHT OF WAY MAPPING

Right-of-way maps were approved by TxDOT in Austin.

Proposed right-of-way has been recovered and marked in the field by Huitt-Zollars surveyors for observation by TxDOT appraisers and affected landowners. Huitt-Zollars has coordinated with TxDOT appraisers and provided them with revised paving plan and profile sheets.

Outstanding Issues: Right of Way Appraisal Process.

FIELD SURVEYING AND PHOTOGRAMMETRY

Outstanding Issues: None

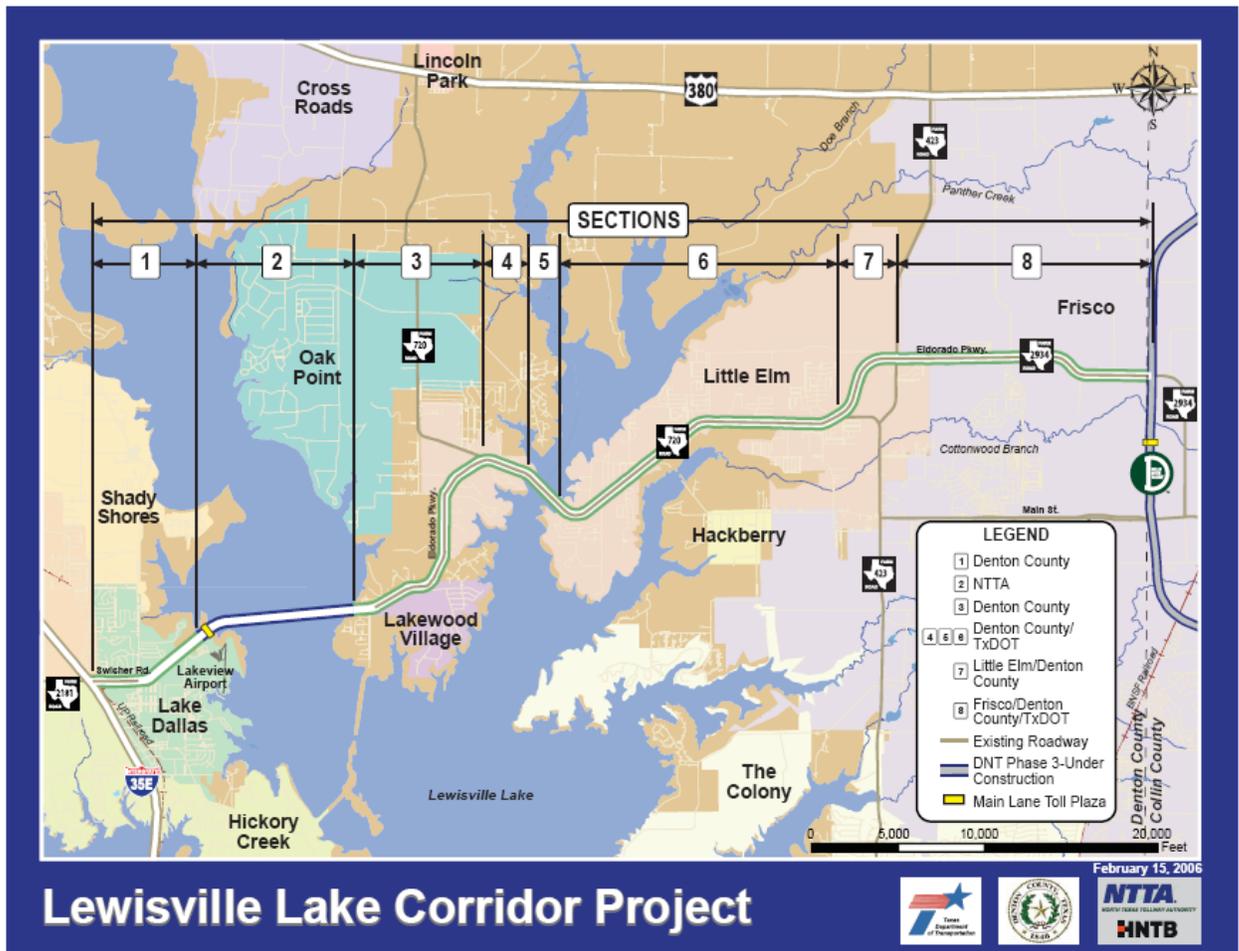
ROADWAY, DRAINAGE, SIGNING, MARKING, SIGNAL, AND TRAFFIC CONTROL DESIGN

65% Review Comment resolution meeting held on 8-30-09.

Huitt-Zollars has addressed TxDOT comments and revised the roadway design to accommodate ride quality, current applicable ADA requirements, areas of new driveways/development, etc. Huitt-Zollars has provided the updated paving plan and profile sheets to TxDOT appraisers to assist with their evaluation of the impacts of the proposed right-of-way takes. Huitt-Zollars anticipates a 65% plan set submittal for mid-December. Copies of the 65% plan set will be provided to the affected municipalities and franchised utility companies to begin the utility relocation process.

Lake Lewisville Bridge & FM 720

C-S-J:	N/A	N/A
Limits (From):	IH 35E	Garza Lane
(To):	Garza Lane	FM 423
Est. Const. Cost:		\$5,600,000
Project Description:	Construct a 4-lane divided urban roadway from IH 35E to FM 423, which will ultimately connect to the Dallas North Tollway. Part of the roadway will be 4-lane undivided due to restricted ROW.	Originally the BSRP anticipated these funds to re-align FM 720 over the Old Garza Little Elm Bridge (currently washed out) and along King Road to tie into FM 423 at the Four-Corners.



Current Activities

- o See attached last month's report.

MEETING MINUTES

Lewisville Lake Corridor Project Monthly Work Group Meeting
Meeting # 87
9 a.m. on Thursday, November 12, 2009, at HNTB Office

Attendees:

NTTA:
Denton Co: Steve Rollins, John Polster
TxDOT: David Hensley
Corps of Engineers (USACE):
NCTCOG:
Town of Little Elm: Ivan Langford
City of Frisco:
HNTB Corp.: Bo Cung
Other Consultants: Scott Stockburger (Cardno TBE)

Summary of Discussion:

Section 1:

Construction complete.

Section 2

Construction is substantially complete. Contractor is working on the punchlist and adding control equipment on the arch lights. Arch lights should be back on in December.

Bo Cung provided Steve Rollins keys to the future park area near the old Lake Dallas Dam. Steve stated that Denton County still has not received the lease agreement from the Corps of Engineers.

NTTA staff is developing a procedure to establish speed zones for NTTA's facilities. The procedure, once approved by NTTA Board, will be used to determine the posted speed limit for Lewisville Lake Toll Bridge.

Section 3

Construction complete.

Steve Rollins informed the group that there had been no other movements on the part of Lakewood Village to annex areas adjacent to Eldorado Parkway.

Sections 4-6

Final signed and sealed plans for FM 720 including Little Elm's pedestrian tunnel will be submitted to TxDOT on November 17th to accommodate TxDOT's February 2010 letting.

The right-of-way acquisition is substantially complete and the current critical path activity is the utility relocation.

Scott Stockburger presented the attached FM 720 Utility Relocation Status and action items are as follow:

1a. Little Elm to resolve contractual issues with its contractor and begin constructing the East Side Sewer and Forced Main Project.

1c. TxDOT to approve Bridge Attachment Agreement

2. TxDOT to approve relocation agreement with CoServ Gas

3. John Polster to request USACE to allow CoServ to overhang USACE's property by 3.5'.

4. TxDOT to approve Bridge Attachment Agreement with CoServ Electric.

5. John Polster to request USACE's prompt review and approval of AT&T plans.

6. Scott Stockburger needs to get Atmos plans, schedule, and agreement.

7. No issues. Grande will locate on CoServ poles.

8. Little Elm to urge Sudden Link to submit plans, schedule and agreement to Cardno TBE.

Project letting continues to be February 2010. TxDOT's Dan Perge will be working on the Letter of Continuing Activity because the letting date will be beyond the FONSI's effective dates. Since the 2025 Conformity Plan only shows four lanes for Sections 4-6, the final plans will show the appropriate striping

Section 7

Construction complete.

Section 8

The section is under construction. The contractor is ahead of schedule and the road should be open to traffic in December 2009.

Other Items

None.

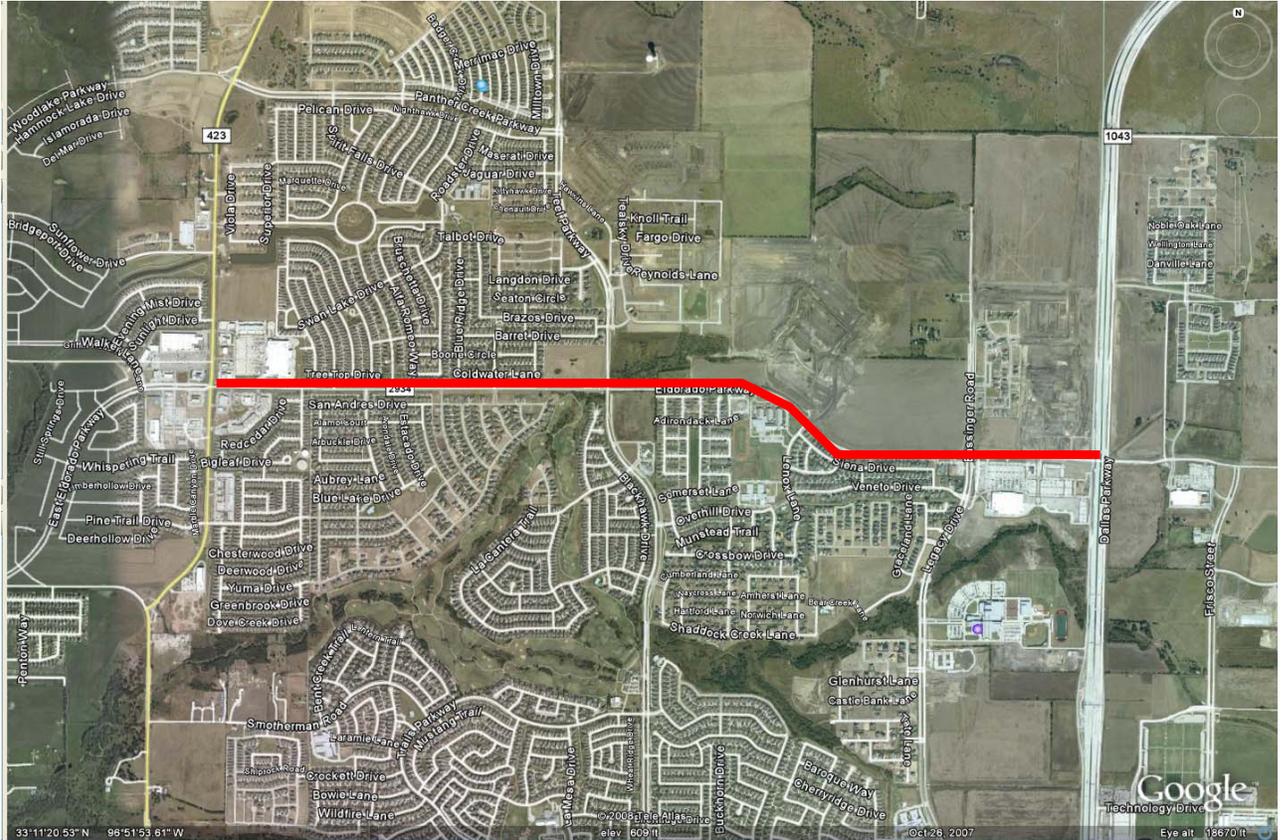
Next meeting will be at 9:00 AM, Thursday, December 10, 2009 at HNTB

Prepared by:

Bo V. Cung, P.E.
11/15/2009

FM 2934

C-S-J:	2980-01-008
Limits (From):	FM 423
(To):	Dallas North Tollway
Contractor	W.W. Weber
Description:	Widen to 6 lane divide urban roadway



SCHEDULE

(approximate dates, subject to change without notice)

Let Date	November 2007
Construction Initiated	September 2008
Construction Completion	September 2010

- Scheduled completion date remains September 2010
- See TxDOT Monthly Status Report

TxDOT Monthly Project Report for Precinct 1 Task Force

Date of report: November 12, 2009

Report prepared by: Noe Rodriguez

Project: **C 2980-1-8**

Control: **2980-01-008**

Highway: **FM 2934**

Limits: From: FM 423

To: Collin County Line (Dallas North Toll way)

Contractor: **W.W. Webber, LLC**

TxDOT Project manager: Noe Rodriguez

Phone: (940) 387-1414

Date Work Began: September 15, 2008

Anticipated Completion Date: December, 2009

Current Activities:

All lanes are open to traffic. Sidewalk force account in progress. Working on temporary signal support at Teel Parkway intersection. Placing sod and small roadside signs. Project is close to being substantially complete. Conducting ride quality analysis (IRI).

Narrative Description of last month's activities:

Contractor placed last amount of concrete pavement and pavement markings.

Narrative Description of activities planned for next month:

Place Teel Parkway intersection on permanent signal and punch list items.

Traffic issues:

None

Plans for changes in traffic patterns:

No

Item(s) of work currently controlling project completion:

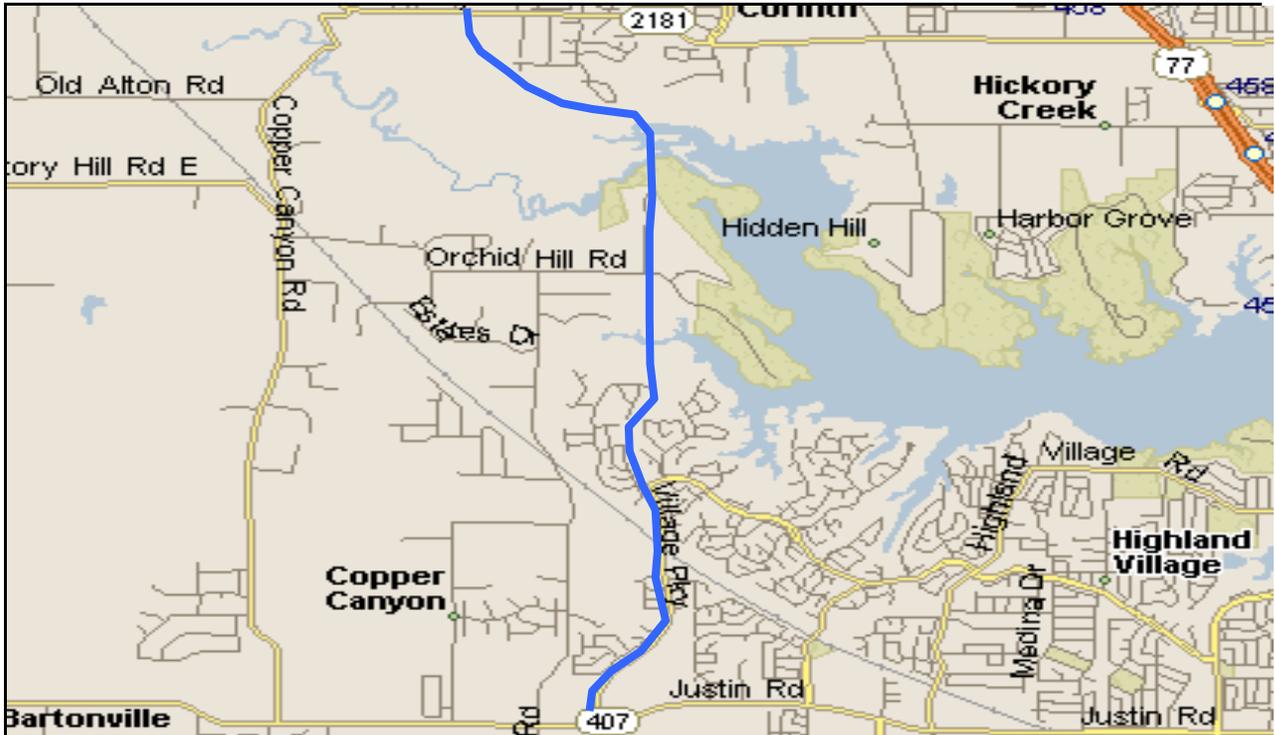
Item 416 Drill Shaft

Other items of significance:

Change project speed limit signs.

FM 2499 Section 4

C-S-J:	2681-01-009
Limits (From):	FM 407
(To):	FM 2181
Length:	4.7 miles
Est. Const. Cost:	\$45 million
Description of Project:	Construct to 4-lane divided urban roadway.



Schedule - EA

Receive Federal Clearance for Public Involvement	April 2003
First EA Public Hearing	July 31, 2003
Second EA Public Hearing	October 4, 2003
FONSI (Finding Of No Significant Impact)	June, 2005
Schedule – PS&E	
30% Plans submitted	July 2001
65% Plans submitted	Sept 2001
95% Plans	July 2006
Plans 100% complete	Nov 2006
Anticipated Let Date/ DCIS Let Date	November 2007
Anticipated Construction begins	October 2008
Anticipated Construction complete	April 2011

FM 2499 Section 4

Milestones

- ✓ Halff Associates delivered the Final EA, Public Hearing comments and Controlled Schematic to TxDOT and FHWA July 30, 2004. Halff has built and run a new noise model with the latest TxDOT traffic numbers. Results indicate that a sound wall is warranted and feasible within the Kensington Estates development. The EA has been modified to include all additional sound walls.
- ✓ Corps of Engineers provide letter regarding mitigation which should answer DOI's concerns
- ✓ Additional comments were received from TxDOT Austin regarding sound walls. All sound walls except Kensington Estates have been deemed not feasible and reasonable and have been removed from the EA.
- ✓ Halff Associates received additional comments from FHWA. Halff addressed and resubmitted January 4, 2005. FHWA executed its portion of FONSI on June 6, 2005.
- ✓ US Army Corps of Engineers executed FONSI August 5, 2005. (See attached notice.)
- ✓ Denton County acquired last remaining ROW for FM 2499-4
- ✓ Denton County executed contract with HNTB for additional services on design.
- ✓ Re-mobilization meeting with HNTB, ITS, Halff Assoc. on design and landscape additions held October 12, 2005
- ✓ A Sound Wall workshop with Kensington Estates was held June 27, 2006. Sufficient number of votes were tallied to warrant a sound wall. Steps will be taken to get input on type and color.
- ✓ HNTB delivered 95% plans to all stake holders July 18, 2006.
- ✓ TxDOT has funded FM 2499-4 in its current Texas Metropolitan Mobility Plan.
- ✓ TxDOT, Denton County and HNTB met January 24, 2007 to finalization of designs and ROW issues.
- ✓ TxDOT completed re-evaluation of EA for FM 2499-4.
- ✓ Final Plan Mylars signed and submitted to TxDOT by April 25, 2007.
- ✓ Project was awarded to Ed Bell Construction at a cost of \$45,831,630.44. That is 4.29% below the estimate. The Contract calls for 619 days or approximately 36 months.
- ✓ Parents Group filed a Lawsuit on FM 2499-4 in Federal Court on December 14, 2007.
- ✓ January 17, 2008, FHWA filed response to lawsuit.
- ✓ February 1, 2008, Plaintiff filed rebuttal.
- ✓ FHWA rebuttal due February 22, 2008.
- ✓ Project implementation has been placed on hold until the end of February pending outcome of hearing.
- ✓ January 28, 2008, Denton County authorized payment to Corps of Engineers to obtain Easement for project.
- ✓ TxDOT filed a motion for expedited review May 9, 2008.
- ✓ TxDOT expects to give notice to proceed to Ed Bell May 30, 2008.
- ✓ Federal Judge Richard Schell Dismissed Plaintiffs Case with prejudice on June 13, 2008.
- ✓ Contract issues have been resolved. Ed Bell's time will begin in October 2008.

Current Activities

- Denton County will work with TxDOT-Dallas to acquire Parcel 15E.
- See Attached Construction Status Report from TxDOT.

TxDOT Monthly Project Report for Precinct 3 Task Force

Date of report: November 16, 2009

Report prepared by: Mark Ross

Project: **NH2008(040)**

Control: **2681-01-009**

Highway: **FM 2499**

Limits: From: FM 407

To: FM 2181

Contractor: **Ed Bell Construction Company**

TxDOT Project Manager: Mark Ross

Phone: (940) 465-4532

Date Work Began: 6-16-2008

Anticipated Completion Date: 4-18-2011

Current Activities: Placing bridge deck concrete on Hickory Creek Bridge from spans 12 thru 16. Constructing MSE walls south and west of Highland Shores and on north end of project. Excavating for pedestrian tunnel on west side. Placing embankment from FM 2181 to Hickory Creek and Highland Shores to railroad on west side. Milling asphalt transition on south end of project.

Narrative Description of last month's activities: Spans 17-25 bridge decks were placed on SB Hickory Creek Bridge. Placed embankment from Hickory Creek Bridge to FM 2181. Graded dirt behind cast in place walls.

Narrative Description of activities planned for next month:

Continue bridge deck pours on SB Hickory Creek Bridge. Continue construction on pedestrian tunnel and 84" casing. Concrete paving crew scheduled to place paving from Poindexter to Hickory Creek Bridge. Also to place concrete paving from Highland Shores to Railroad.

Traffic issues: Castlewood/Northwood is closed for construction. Detours are in place. City of Highland Village, TXDOT, and citizens have been notified.

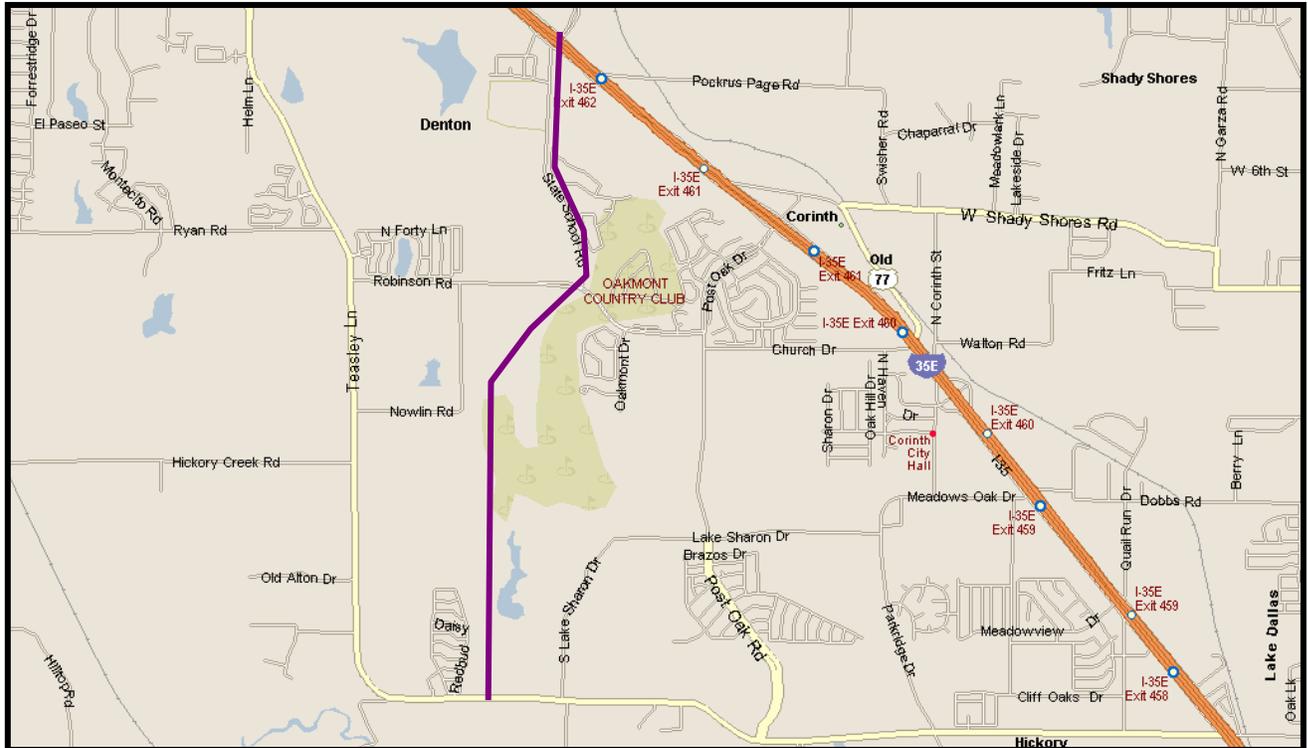
Plans for changes in traffic patterns: N/A

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

Other items of significance: Grade issues at Northwood and Highland Shores. Designer is working to resolve these issues. Lake is above normal pool, however bridge work can continue by working from existing bridge.

FM 2499 Section 5

C-S-J:	2681-01-012
Limits (From):	FM 2181
(To):	IH 35E
Length:	2.974 miles
Est. Const. Cost:	\$23.3 million
Description:	Construct 6-lane divided



SCHEDULE

(approximate dates, subject to change without notice)

EA complete for TxDOT Review	March 2004	
EA and Schematic Submitted to TxDOT Austin/FHWA	June 2004	
Anticipate Clearance for Public Involvement	October 16, 2007	
Public Hearing	Jan 17, 2008	
FONSI (Finding of No Significant Impact)	December 2009	
100% PS&E	August 2011	
ROW complete	October 2010	
Utilities Relocated	October 2011	
Anticipated Let Date/DCIS Let Date	**	**
Construction Complete	**	**

Milestones

- ✓ Denton County Better Safer Roads Program has committed \$2.0 million. \$100,000 was issued in 1st issue, \$1.0 million in second issue. \$900,000 remains not issued.
- ✓ Programming Assessment not necessary for CSJ.
- ✓ LPAFA has been drafted is being reviewed by TxDOT Dallas District.
- ✓ 10/17/01 - Halff received comments on EA.
- ✓ 10/17/01 - Halff received comments on Design Exception for FM 2499 at IH 35E. The comments require minor changes. Halff plans on revising and resubmit within 1 week (first part of November).
- ✓ 11/30/01 - Halff resubmitted EA based upon TxDOT's comments

Previous Meetings

- October 6, 2004 FHWA approved FM 2499-5 Schematic.
- November TxDOT approved the TMMP fully funding FM 2499-5 January 4, 2005 project was cleared for public involvement.
- June 9, 2005, Public Hearing was held. Approximately 50 residents attended. Five spoke. Two were opposed to the road and three were neutral.
- Halff Associates to submit Final EA and comments from Public Hearing to TxDOT Aug 26, 2005.
- TxDOT Dallas summated Summary and Analysis of Public Meeting to Austin September 16, 2005.
- Denton County selected Halff Assoc. as most qualified October 11, 2005 for PS&E on Section 5 of FM 2499.
- A decision has been made regarding the EA on FM 2499-5. FHWA will require TxDOT to conduct a second public hearing for the construction of 6 lane divided urban roadway.
- The clearance for public involvement was granted October 16, 2007.
- The Public Hearing for FM 2499-5 was held January 17, 2008 at Guyer High School. Approximately 200 individuals attended the hearing. Approximately nine folks spoke (5 were against-3 were for-1 was neutral).

Current Activity

- FONSI on FM 2499-5 is anticipated by December 2009.
- TxDOT Austin is currently reorganizing its current projects letting schedules. Once that is complete Denton County will work with TxDOT Dallas on the letting dates for FM 2499-5.

IH 35E Ultimate Status Report

- Funding status of \$2.8 B and that approx \$535 MM came from 121 RTRFI and the remaining will come through a private development agreement.
- April 16, 2008, NTTA voted to waive Market Valuation and its Primacy rights to IH 35 E Managed Lanes. There were certain clauses that will need to be removed before TxDOT will move forward on the IH 35E Project. Denton County is working with its Board members to make that happen.
- June 18, 2008 NTTA modified its existing resolution to state that it would act to make a determination to waive on IH 35E within 30 days of receipt of the sketch level traffic and revenue analysis being conducted by TxDOT. TxDOT indicated that delivery would occur no later than August 30, 2008. Therefore NTTA has committed to make a determination by September 30, 2008.
- August 6, 2008, TxDOT held first Technical Stakeholders meeting for IH 35E.
- August 13, 2008, TxDOT Tech. Stakeholders received COG traffic lane configuration comments. Information was provided to stakeholder cities.
- A series of meetings were held between August 27 and September 3, 2008 with stakeholders along the IH 35E corridor. Changes were proposed and will be incorporated.
- September 17, 2008, NTTA voted to waive its right to market valuation and to develop IH 35E.
- Public Meetings were held corridor wide for public input on the proposed IH 35E improvements. November 10, 2008 at UNT's Gateway Center at 5 p.m.
November 13, 2008 at Lewisville Community Room, Municipal Annex at 5 p.m.
- The 90% draft schematic has been review by TxDOT Dallas District and sent to Austin (TxDOT Design Division).
- TxDOT has distribute the revised 90% schematic to all the cities and counties at the last Stakeholder Work Group meeting on Feb. 4 at Lewisville City Hall. Pdf's have also be posted to the web site.
- Bob Brown presented concepts for phasing of construction.
- Environmental assessment work is on-going. The Middle Section EA first draft has been sent to TxDOT DAL. It is anticipated that the EA will be ready to go to Austin late March.
- The Stake Holders meeting was held May 6th, 2009 at Lewisville City Hall.
- Additional Stakeholders meetings were held the week of June 8th.
- TxDOT held workshops the first week of July to investigate various alternatives to increase revenue, decrease costs or both. Current analysis has focused primarily on the Middle Section from FM 2181 to PGBT.
- Additionally, the Legislature failed to reauthorize Comprehensive Development Agreements (CDA's) either in the regular session or the special session. A meeting is scheduled for Monday July 27 between TxDOT, Denton County and Michael Morris with NCTCOG to discuss funding alternatives for all three sections of IH 35E from US 380 to IH 635 and how best to move forward under existing law.
- TxDOT, NCTCOG and Denton County met with TxDOT-Austin on September 2 regarding the continued timely development of IH 35E. Two delivery methods

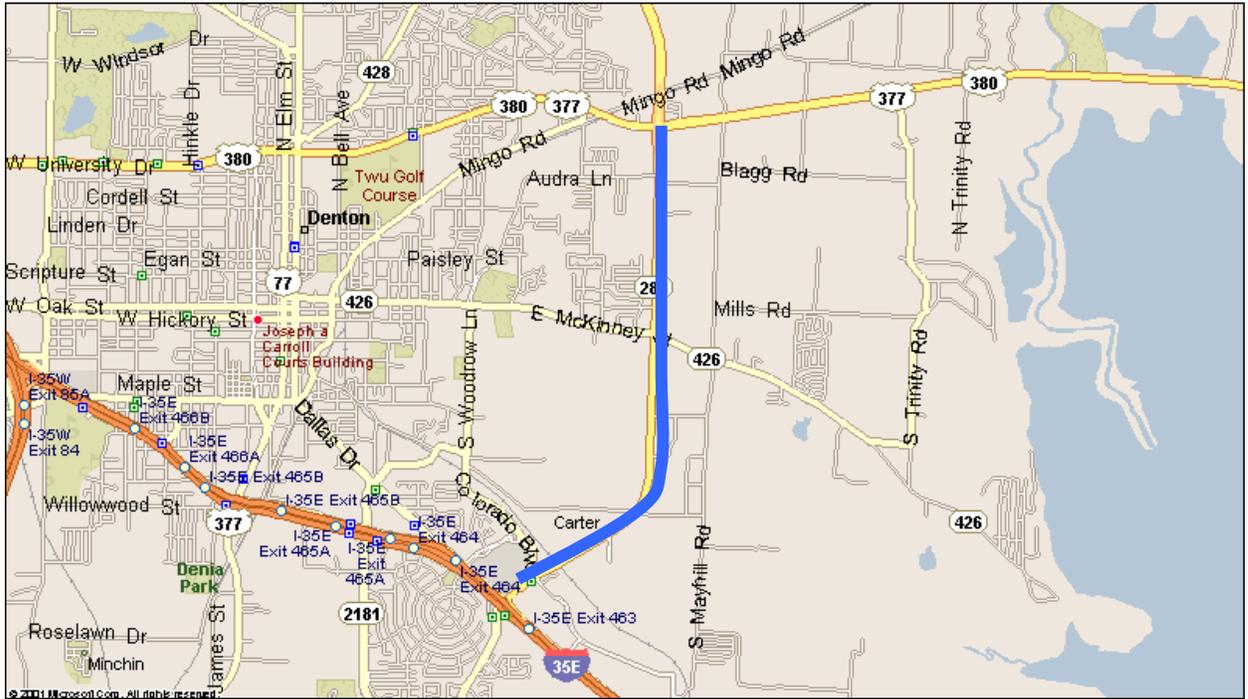
were identified: 1.) Modified Pass through tolling and 2.) NTTA-CDA process. TxDOT Austin staff is investigating the pros and cons of each alternative. A follow up meeting was set for October 7, 2009.

IH 35E Ultimate Status Report Continued

- TxDOT Dallas, TxDOT Austin, COG, Denton County's NTTA representative and Denton County met October 7, 2009 to discuss delivery method alternatives. TxDOT Austin informed the group that it did not see any way that the state could continue to develop the project under current legislation. NTTA was asked to consider the viability of developing IH 35E as a Comprehensive Development Agreement (CDA) project.
- TxDOT Dallas, COG and Denton County met with selected NTTA Board members and staff to discuss the potential of NTTA developing IH 35E as a CDA on October 16th 2009.
- Denton County, COG and NTTA staff will develop a position paper to be considered by the NTTA Board at its December 2009 Board meeting.
- TxDOT Commission has directed staff to analyze the potential of using "pass through tolling" on IH 35E. Denton County will be meeting with TxDOT Dallas and TxDOT HQ to discuss details possibly in December 2009.
- The next IH 35E Stakeholders meeting will be Wednesday, January 13, at 2 p.m. at Lewisville City Hall council chambers, 151 W. Church Street in Lewisville. Details and agenda will be forwarded closer to the meeting time.

Loop 288 East

C-S-J:	2250-01-021
Limits (From):	IH 35 E
(To):	US 380
Description:	Construct 6-lane divided urban roadway



SCHEDULE

(approximate dates, subject to change without notice)

Complete Draft EA	2003
Submit EA and Schematic to TxDOT Area Office	June 2003
Submit EA and Schematic to TxDOT Dallas	July 2003
Public Hearing	May 2005
FONSI	3rd Quarter 2005
Notice to Proceed on PSE	January 2003
Plans Adequate	September 2004
100% Plans	July 2005
Anticipated Let Date	December 2005

Loop 288E

History

- ✓ TxDOT, City of Denton and Denton County agreed that the EA, Schematic and PS&E should be done using non-TxDOT forces.
- ✓ Denton County and the City of Denton agree to enter into a partnership program to conduct the EA, Schematic and PSE.
- ✓ Teague, Nall & Perkins was selected for the EA and Schematic
- ✓ Teague, Nall & Perkins was selected to conduct the PS&E

Previous Activity

- Decision was made to adjust schematic to eliminate need for additional ROW. This will allow TxDOT to clear project in 4 to 5 months.
- 30 % PSE sent Nov. 18, 2003.
- Wind River and Brinker Ramp Reversals schematics sent to FHWA first week of November, 2003.
- Wind River Ramp Reversals have been bid and are anticipated to be awarded August 27, 2004
- 65% Plans were reviewed and approved by TxDOT September 2004.
- Meeting with Affected Property Owners has been completed.
- Brinker ramp reversals were awarded to McMahon Construction December, 2004. 88 construction days.
- while TxDOT reviewed plans adequate, so 90% plan were submitted the first week of January 2005.
- The decision to add utility relocations to the contract for construction of the roadway has been made to keep the let date of Dec. 2005. TNP will submit a Supplemental to Denton County for consideration. Commissioner White and Carter have agreed to fund the additional work 50/50.
- Contract addendum for TNP work on Utility relocation has been approved by Commissioners Court.
- Initial Public Hearing was held May 26, 2005.
- Notices to affected property owners were not sent out, triggering need for second public hearing on Loop 288E.
- Second Public Hearing was held August 2, 2005 at the UNT Gateway Center, 6 pm.
- TxDOT has identified \$1.5 million in reimbursable utilities for Loop 288 East. Commissioners Carter and White agree to fund the 10% local match totaling \$75,000 each. ITS is processing payment request.
- Contract was awarded to J.D. Abrams totaling \$38,931,772.29
- Partnering and preconstruction are were held March 14 and 15.

Current Activities

- Roadway is fully open to traffic. Remaining work are finish out items.
- Construction should be complete in December 2009.
- See attached TxDOT Status Report.

TxDOT Monthly Project Report for Precinct 1 Task Force

Date of report: November 12, 2009

Report prepared by: **David K. McBride**

Project: NH 2006(096)

Highway: Loop 288

Limits: From US 380

To IH 35E

Contractor: J. D. Abrams

TxDOT Project manager: David K. McBride Phone: (940)380-1419

Contractor's Superintendent: Dale Kriegel Phone: (940)591-0857

Date Work Began: April 10, 2006

Anticipated Completion Date: December, 2009

Current Activities:

Include installation of permanent signals, wheelchair ramps, miscellaneous sidewalks, finishing stripe, sod, illumination and punch list items.

Narrative Description of last month's activities:

Inlets, SW3P , signals, sidewalks and wheel chair ramps

Narrative Description of activities planned for next month:

Activities for next month will include the continuation of striping, signals, wheelchair ramps and sidewalks, sod, cleanup.

Traffic issues:

None at this time

Plans for changes in traffic patterns:

n/a

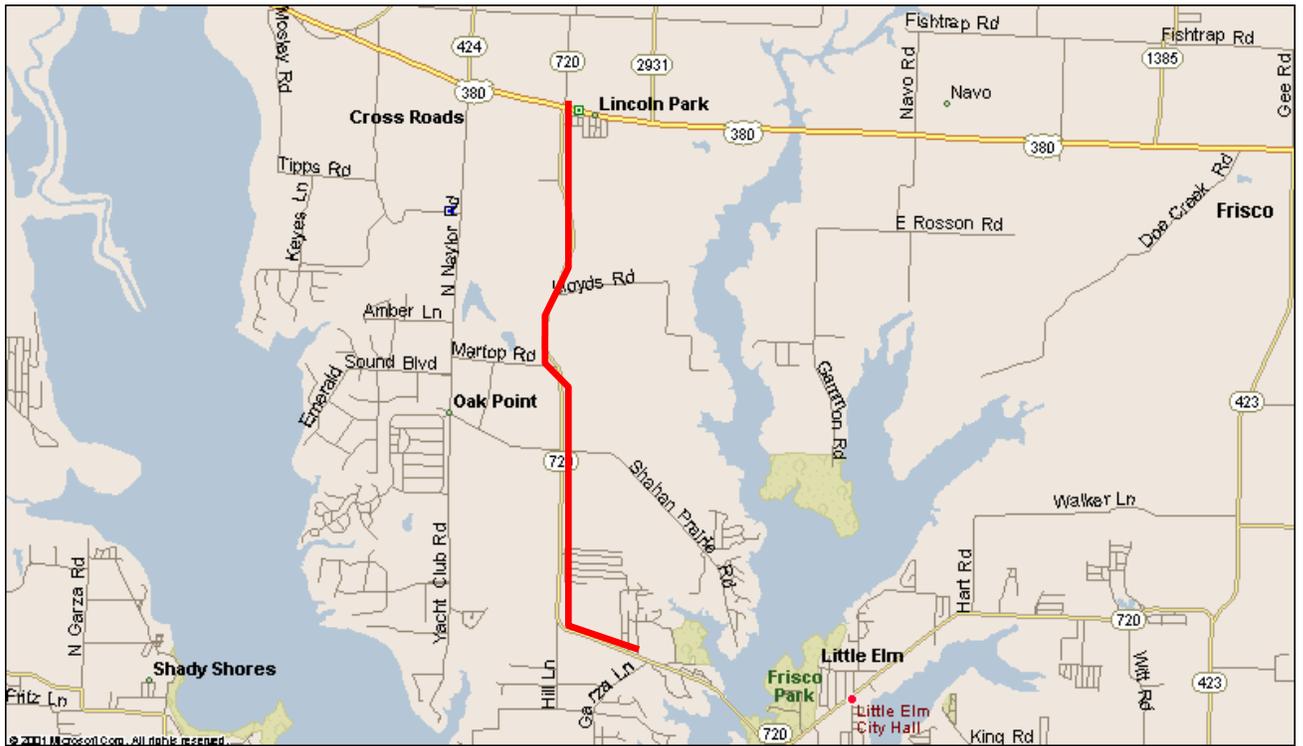
Item(s) of work currently controlling project completion:

Sod and punch list items

Other items of significance:

n/a

FM 720 North/South	
C-S-J:	1567-01-025
Limits (From):	US 380
(To):	Garza Lane
Length:	
Est. Const. Cost:	\$19,000,000
Description:	Widen 2 Lane Rural Roadway to 4 lane divided urban (Ult 6 ln)



SCHEDULE (approximate dates, subject to change without notice)	
Complete Draft Categorical Exclusion	March 2006
Schematic Approved	October 2007
Clearance for Public Involvement	September 2009
Public Hearing	November 2009
FONSI	February 2010
ROW Acquisition Begins	July 2010
Utility Relocation Completed	*
Anticipated Let Date in DCIS	May 2011

Overview

Control: 1567-01-025

FM 720: From Eldorado Parkway to US 380

Denton County

Widen 2 Lane Rural to 6 Lane Urban Divided Estimated Construction Cost:

\$34,543,000 Authorized Funding: \$4,000,000 (Cat 1)

\$1,155,000 (Local)

PS&E: 10% Complete

Anticipated Letting Date: April 2010

History

- Committee has short listed engineers and anticipates forwarding that information for action by the Commissioners Court the week of July 25, 2005.
- August 2, 2005, Denton County approved engineering list for TRIP-04.
- Denton County, TxDOT Denton, TxDOT Dallas, Oak Point and Little Elm met on September 23, 2005 to discuss the schedule and various programming issues.
- Schematic was approved October 2007.
- RTC approved this project as a part of the SH 121RTR initiative at their August 21, 2008 meeting.

Current Activities

- See attached TxDOT status report

STATUS OF FM 720 PS&E (10-15-09):

PS&E: est 45% Complete

- Schematic Approved [August 8, 2007](#)
- Completed 30% PS&E – [April 29, 2009](#)
- One designer working on project from [December 2008 until June 2009](#)
- Four designers working on project [June 2009 to current](#).
- Estimated Environmental Clearance (EA)- [February 26, 2010](#)
- ROW Mapping – Mapping complete and delivered to District on [March 31, 2010](#). Estimated Approval [June 18, 2010](#). ROW acquisition to commence.
- Estimated 60% (Plans Adequate) [April 1, 2010 \(June 1, 2010 shown in Project Tracker\)](#)
 - Completed the following for 60% (Plans Adequate)
 - Project Layout Sheets
 - Typical Sections
 - Plan & Profile sheets
 - Removal Sheets
 - Horizontal Data Sheets
 - Drainage Removal Sheets
 - 10 culvert designs including culvert layout sheets
 - Earthwork Cross Sections
 - In the process of starting the following for 60% (Plans Adequate)
 - 12 storm sewer networks
 - Driveway profiles
 - Preliminary Traffic Control Plan
- Estimated 100% PS&E complete by [October 4, 2010](#)
- Ready to Let Milestone- [February 2, 2011](#)
- Proposed Letting Date [May 8, 2011](#)

FM 423 North

C-S-J:	
Limits (From):	Stewart Creek Road
(To):	US 380
Length:	6.91
Est. Const. Cost:	To be determined
Description:	Construct 4 to 6lane divided urban roadway

Previous Activity

- TxDOT , Denton County, Frisco and The Colony has established a task force to discuss funding possibilities for FM 423.
- Commissioner White included \$3.5 million in the county's 2004 Transportation Road Bond Program.

Current Activity

- See status report from Jacobs. Bolded items were initiated or completed since last meeting.



Meeting Report

PROJECT: FM 423 North

PROJECT NO.: 021216.010

PRESENT: John Polster (ITS/Denton County)
Steve Rollins (Denton County)
Elizabeth Metting (Frisco)
Jason Brodigan (Frisco)
David Hensley (TxDOT)
Kareem Doucette (TxDOT)
Jason Laumer (Little Elm)
Ivan Langford (Little Elm)
Greg Vowels (DEC)
Bo Ratto (DEC)
Debbie Neubert (Jacobs)

DATE: 12/1/2009

The following is our understanding of the subject matter covered in this meeting. If this differs from your understanding, please notify us within five working days.

The purpose of the meeting was to inform the Task Force Members on the progress of the north section of FM 423 Project.

The meeting was held on November 20, 2009 at Town of Little Elm.

- 1) Design team is on schedule to deliver the right-of-way plans by December 4, 2009 but will have a problem to meet the deadline for design plans due to pending review comments from District Safety Review.
- 2) Median opening & left turn lane at Sta 18+10:
 - TxDOT does not agree on the location of the median opening and left turn lane requested by the developer for several reasons:
 - i) The location may restrict the property owner on the other side of FM 423 from gaining median opening and left turn lane to their property. This can cause problems in the future.
 - ii) The location will be too close to the intersection of FM 423 and US 380 once US 380 is widened to the south (the only way that US 380 will be widened, due to utility conflicts to the north).
 - iii) Possible conflict with the future 8 lane sections since the left turn lane has to be long enough to accommodate the traffic volume.
 - City of Frisco confirmed that the property owner is conducting a TIA study in order to determine the adequate length of the left turn lane requested. Result will be forwarded to TxDOT as soon as it is available.
 - City of Frisco will talk to property owners from both sides of FM 423 and will get an agreement for the location of median opening.

STATUS: Design team awaiting direction from TxDOT and City of Frisco. TIA is underway.



- 3) Village of Eldorado and Eldorado Estates drainage analyses and adjustment to current drainage system:
- Analyses and drainage design have been done by Jacobs. This item is completed.
- STATUS:** Revised drainage design complete.
- 4) Culvert 3 extension design:
- Dannenbaum will do cost analyses to compare 3 alternatives:
 - i) Extending Culvert 3 (2-6x3 MBC) and connect to existing culvert in the property west of FM 423 (1-6x6 MBC) with junction box.
 - ii) Replace the flare wings with parallel wings to keep the headwall within the existing drainage easement.
 - iii) Extending Culvert 3 at 6x3 MBC all the way to outfall, removing and replacing culvert under the existing city street.
- STATUS:** The cost analysis is complete.
- Option 1: Extending Culvert 3 (2-6'X3' MBC) to existing 6'X6' and connect with Junction Box: Approximately \$58,000
 - Option 2: Replace flare wings with straight wings to keep inside of easement and add channel improvements to reduce erosion: Approx. \$18,000
 - Option 3: Extend Culvert 3 all the way to outfall, remove existing culvert and replace pavement: \$100,000
- STATUS:** Task Force Team has decided on Option 1 if the hydraulics works. If not, Option 2 will be used.
- 5) Coordination with district 8-C Frisco Ranch on Culvert 3 Extension by Town of Little Elm:
- Town of Little Elm had discussed the possibility of getting easement with district 8-C but will confirm if culvert is extended odds are good that they will grant easement.
- STATUS:** Little Elm will proceed with coordination based on the Option 1 chosen before for additional easement needed.
- 6) Culvert 4 connection to Sunset Pointe culvert:
- Dannenbaum encountered conflicted information between survey and as-built information.
 - Field visit was suggested to verify if the culvert is silted. Survey will be performed if needed.
 - Proposed headwall will be removed and culvert will be tied in to existing culvert at Sunset Pointe.
- STATUS:** Survey/field investigation has been completed. Design is underway. Culvert 4 is being extended onto existing culvert/Sunset Pointe connection.
- 7) Culvert 5 drainage calculations analyses to try to provide a culvert that matches existing 54" RCP stubbed out to commercial property line:
- TxDOT requested to add rail on top of headwall for pedestrian safety.
 - Grading around headwall to be revised to avoid grading in to the toe of the pond.
 - Little Elm requested extending the culvert approximately 150' downstream to tie to existing culvert in the development.
 - Dannenbaum will need drainage calculations from the development plans.
- STATUS:** Task Force Team has agreed upon the proposed orientation by Dannenbaum. The culvert will be extended to the existing culvert.
- 8) Culvert 6 drainage calculations analyses to possibly reduce culvert size:



- Dannenbaum requested additional topographic data, contours and development plans to help determining drainage area in order to analyze the possible reduction of pipe size. Little Elm will forward topo from NCTCOG.

STATUS: Topographic data was received from Town of Little Elm and drainage areas have been updated where appropriate. There is a conflict between the zoning shown on the Sunset Pointe Development plans and the City of Frisco zoning that we have on record. The culverts in Sunset Point appear to be designed for these areas to be residential and the zoning is showing multi-family/commercial. **It was decided to use C value of 0.55 for culverts 4, 5 and 6.**

9) Culvert 6 realignment requested by property owner:

- TxDOT agreed on the realignment. Little Elm will work with Dannenbaum on the new alignment.

STATUS: Awaiting confirmation from the property owner for the new location.

10) Culvert 7 drainage design adjustment:

- Dannenbaum is having problem adjusting the profile of the storm sewer because the outfall culvert is currently already in the subgrade.
- TxDOT suggested checking the drainage study at the Grayhawk Development because currently there is a detention pond at the upstream of culvert 7. Frisco will provide the drainage study.
- Currently, the proposed culvert flow line is not at the bottom of the existing channel. TxDOT also suggested lowering the culvert and place the flow line at the bottom of the channel which will help with the slope of the drainage structure; and provide an open top drop off structure to catch water at downstream end. This would require replacing the existing culvert that was to remain in place.
- Broken back culvert was also an alternative suggested.

STATUS: Information needed was obtained and currently working on the design. Town of Little Elm will find the drainage study.

- Dannenbaum verified that their flow numbers are similar to the study done by Grayhawk Development. The additional 9'x5' box culvert will be added as was proposed all along.
- Culvert is being lowered to address issues.
- Town of Little Elm is worried about the downstream channel being able to handle flow as it is higher than what the channel is design for.
- Town of Little Elm will send information on the downstream channel to Dannenbaum to check and see how it is impacted.

11) Existing drainage system on Panther Creek Pkwy:

- Dannenbaum confirmed that there are currently existing inlets along Panther Creek Pkwy that are being removed with this project. The inlets will be replaced.
- Drainage calculations are needed in order to complete the design. Frisco informed that they have sent the plans of Panther Creek Pkwy to Jacobs and Dannenbaum
- Plans and calculations were transmitted but additional coverage was needed to completely address the design issues.

STATUS: Design is complete. Panther Creek Pkwy drainage system has been connected to FM 423 drainage system.

12) Ditch at the outfall of parallel culvert behind Goody Goody:

- Analyses were presented.



- Currently, existing ditch capacity is not adequate ($Q_{cap} = 240.7$ cfs) to handle the existing flow (Q_{exist} approx 500 cfs).
- Little Elm presented pictures of the existing condition where the berm area is eroded.
- TxDOT requested survey on existing topography, cross sections, small culverts, retaining wall and fence locations.
- New analyses will be done when the new survey information received.

STATUS: Denton County agreed to provide a culvert to replace the open ditch.

13) The application of city of Frisco standard for illumination in the middle section:

- Jacobs confirmed that standard TxDOT illumination poles were specified for the middle section of the project.
- Frisco and Little Elm requested that TxDOT change-order in their preferred equipment.
- Frisco and Little Elm will provide the vendors information.

STATUS: Information was received from city of Frisco and Town of Little Elm. Jacobs will forward the information to TxDOT.

14) Utility updates:

- Time Warner stalling
- ATT/CoServ to start soon
- Town of Little Elm's utilities are about to start
- City of Frisco's water line should be done in 45 days

REPORTED BY: OT/DFN/DEC
