



# *Precinct 1 Task Force Report*

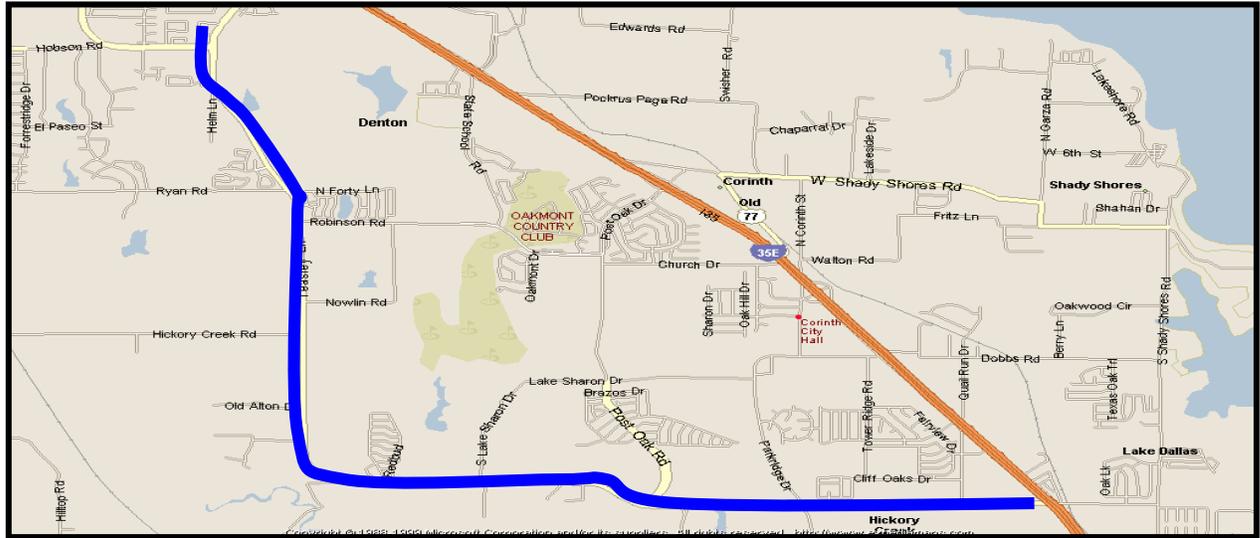
*April 24, 2009*

## **Project Specifics:**

- FM 2181 Pg. 2
- Lake Lewisville Bridge & FM 720 Pg. 5
- FM 2934 Pg. 9
- FM 2499 Section 4 Pg. 11
- FM 2499 Section 5 Pg. 14
- IH 35E Ultimate Improvements Pg. 16
- Loop 288 East Pg. 19
- FM 720 (north/south) Pg. 22
- FM 423 Frisco Pg. 24

## FM 2181

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



## SCHEDULE

(approximate dates, subject to change without notice)

|   |                                |               |
|---|--------------------------------|---------------|
| <b>Submit EA to TxDOT AO for initial review</b> | June 2002                      |               |
| <b>Submit Schematic to Denton AO for review</b> | December 2002                  |               |
| <b>Notice to Proceed on PSE</b>                 | January 2003                   |               |
| <b>Schematic modification continues</b>         | January 2003 thru Fall of 2003 |               |
| <b>Schematic Approved</b>                       | December 15, 2005              |               |
| <b>Clearance for Public Hearing</b>             | August 2006                    |               |
| <b>Plans Adequate</b>                           | August 2006                    |               |
| <b>Public Hearing</b>                           | November 2006                  |               |
| <b>FONSI</b>                                    | January 28, 2008               |               |
| <b>100% Plans Submission</b>                    | December 2008                  |               |
| <b>ROW Acquisition Begins</b>                   | May 2009                       |               |
| <b>Utility Relocation</b>                       | *                              |               |
| <b>Anticipated Project Let/DCIS Let Date</b>    | *                              | November 2010 |
| <b>Construction complete</b>                    | *                              | May 2013      |

# 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

- ✓ County to work with municipalities and TxDOT to identify location of sidewalks on FM 2181.
- ✓ Denton County received notice from TxDOT that FM 2181 is cleared for a public hearing on August 9, 2006.
- ✓ A Public Hearing for FM 2181 was held November 14, 2006 at the Lake Dallas High School located at 3016 Parkridge Drive in Corinth.
- ✓ 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 8<sup>th</sup>.

## Current Activities

- See HZ status Report Attached.

## ***PROGRESS REPORT***

### **FM 2181**

#### **DENTON COUNTY**

**April 2009**

#### **ROUTE STUDIES**

Revise 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 mapping is complete pending TxDOT approval. Map 1 from Lillian Miller to Hickory Creek Road was submitted to TxDOT for review in December 2007 and has been revised to reflect review comments and resubmitted for approval. Map 2 from Hickory Creek Road to IH35 was completed and submitted to TxDOT for review in March 2008. Review comments have been received from TxDOT on Map 2 and it has been revised to reflect review comments and resubmitted for approval.

Outstanding Issues: None.

#### **FIELD SURVEYING AND PHOTOGRAMMETRY**

Outstanding Issues: None

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

65% Plans were submitted to TxDOT on 1-2-2009.

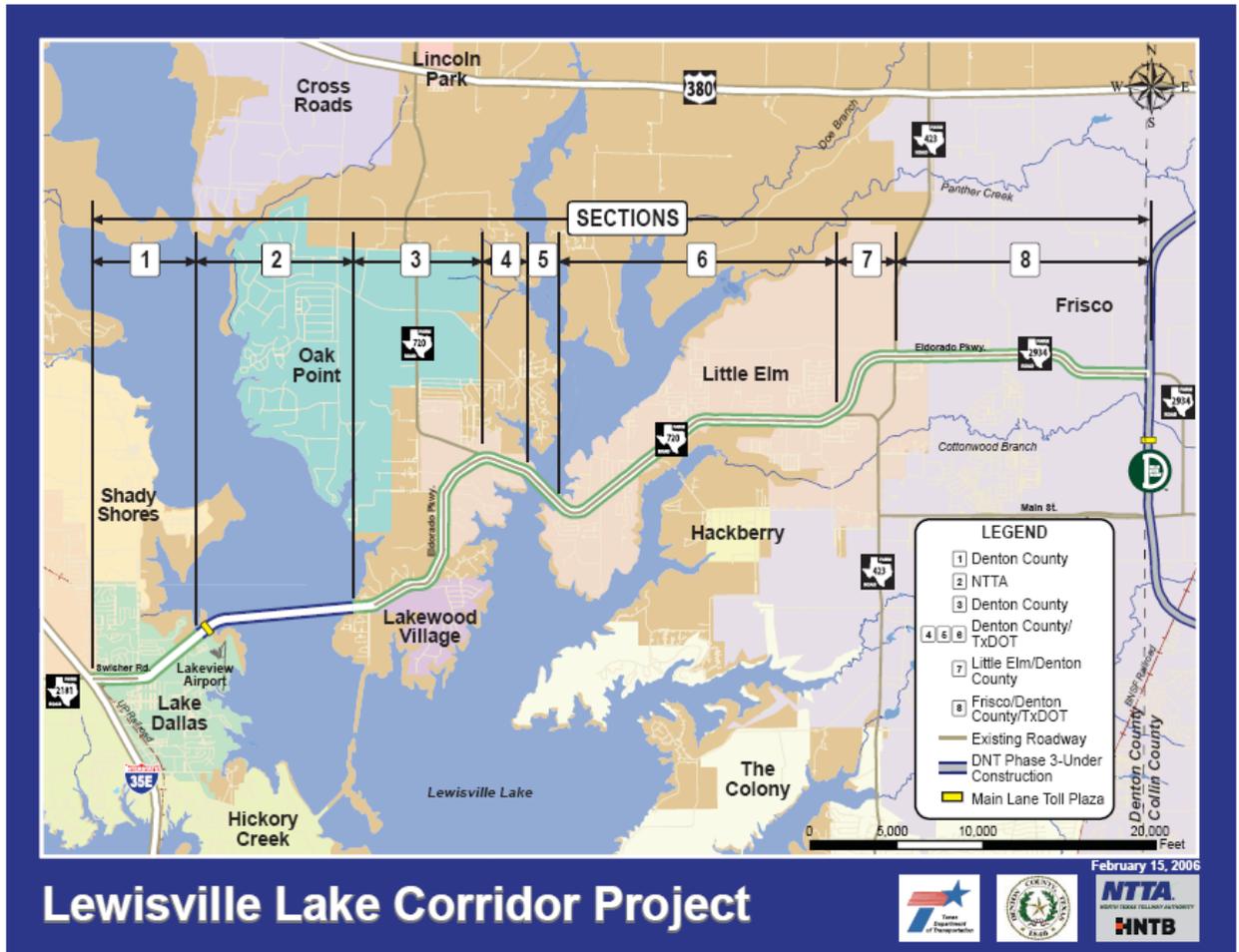
65% Specifications, General Notes and Estimate were submitted to TxDOT on 1-12-2009.

Huitt-Zollars has incorporated the new typical section with sidewalks on both sides of the roadway into the PS&E design. The 65% plan review set has been completed and was submitted to TxDOT on January 2, 2009. The plans incorporated the drainage, retaining wall and roadway design changes resulting from the typical section change. The roadway profiles were modified to incorporate the wider typical sections and minimize the impacts to the project ROW takes. Drainage areas were updated to reflect new high/low point locations and previously proposed curb inlet locations were updated to reflect the new profile. Winstorm runs were processed for new drainage conditions, and culvert layouts were re-cut to reflect the new paving profile. Additional retaining walls were modeled into the project to eliminate the ROW impacts that could not be eliminated with the modification to the profile design.

Outstanding Issues: Currently waiting on TxDOT 65% review comments to proceed with design to 90%.

## Lake Lewisville Bridge & FM 720

|                             |  |  |
|-----------------------------|--|--|
| <b>C-S-J:</b>               | N/A  | N/A  |
| <b>Limits (From):</b>       | IH 35E   | Garza Lane   |
| <b>(To):</b>                | Garza Lane   | FM 423   |
| <b>Est. Const. Cost:</b>    |  | \$5,600,000  |
| <b>Project Description:</b> | 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

- See attached last month's report.



**MEETING MINUTES**

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**Lewisville Lake Corridor Project Monthly Work Group Meeting**  
**Meeting # 80**  
**Thursday, April 9, 2009 at 9:00 AM; HNTB Office**

**Attendees:**

NTTA:  
Denton Co: Hugh Coleman, John Polster (ITS)  
TxDOT: Gary Bailey, David Hensely  
Corps of Engineers (USACE):  
NCTCOG:  
Town of Little Elm: Frank Kastner, Ivan Langford, Jason Laumer  
City of Frisco:  
HNTB Corp.: Bo Cung, Amanda Lehde, Guy Van Baulen  
Other Consultants: Thomas Walden (PAS)

**Summary of Discussion:**

**Temporary roadway improvements**

Four improvements have been identified as necessary when Section 2 is open to traffic: 1) adding a right-turn lane on the northbound IH-35E frontage at Swisher Road, 2) installing a traffic signal at Swisher Road and Shady Shores Road, 3) adding a turn-lane on each leg of the FM 720 – Eldorado Parkway Intersection; and 4) upgrading an existing culvert under Eldorado Parkway and resurface a portion Eldorado Parkway.

North Texas Tollway Authority (NTTA), Denton County and the Town of Little Elm have reached tentative agreements concerning the improvements. Little Elm will use its contractors to construct the improvements and will be fully reimbursed by the NTTA. Denton County will reimburse the NTTA 50 percent of the total improvement construction costs currently estimated at \$601,700. Little Elm Town Council approved the construction agreement with NTTA on April 7, 2009. Denton County Commissioners Court is scheduled to approve the cost sharing agreement with NTTA on April 21; and the NTTA Board is expected to approve both agreements on April 27.

Construction for the improvements is expected begin on May 1, 2009.

### **Section 1**

Construction is complete and the road is open to traffic.

### **Section 2**

Bo Cung reported that the contractor, Jensen, had completed approximately 90 percent of the work. Installation of the steel arch, pier caps, bridge beams and deck, and toll gantry continues. The construction team is watching four critical activities closely: arch installation, toll gantry work, bridge deck placement, and Oncor power delivery. The bridge is still scheduled to open August 3, 2009.

Concerning the Fun-Run Event, NTTA has agreed to make the toll bridge available for the event on August 1, 2009. Mayor Kastner reported that on-line registration is now available. A maximum number of 2,500 runners will be allowed to participate although the number of spectators is expected to be as high as 10,000. The organizers are in discussions with Denton County Transportation Authority and Lake Dallas ISD regarding the use of buses to shuttle people from the parking areas to the bridge. Gary Bailey stated that the Texas Department of Transportation (TxDOT) will place four changeable message signs on IH-35E to direct traffic on the day of the event.

### **Section 3**

Construction was substantially complete and the road was open to traffic October 2008. The contractor, Lacy Company, is working on the punchlist items.

The group discussed Lots 14 and 15 on the old Harbor Lane portion of Eldorado Parkway that now have no access to the new road. Commissioner Coleman asked why the lots could not have access and why they were not bought at the time right-of-way (ROW) for Section 3 was acquired. Bo Cung stated that driveways cannot be placed safely on the lots because the lots are too narrow and too close to the toll bridge. John Polster stated that the County only bought the ROW it needed (an 80 foot swath of land) to construct the road. Bo Cung will furnish the County survey and legal descriptions; and work with PBS&J to obtain market analysis for the lots.

Concerning the lack of sight distance for motorists approaching Eldorado Parkway on Sunrise Bay Pointe, a traffic engineer from Halff & Associates has recommended the speed limit for the northbound Eldorado Parkway traffic be reduced to 30 MPH between Sunrise Bay Pointe intersection and 300 feet south of it. The new speed limit could be advisory or regulatory. Ivan Langford wants the speed limit to be enforceable and will obtain an ordinance for a reduced regulatory speed limit.

Traffic signal warrant study for the intersection continues. Little Elm will furnish traffic counts on Sunrise Bay Pointe.

TxDOT installed and is operating the temporary traffic signal at FM 720-Eldorado Intersection.

#### **Sections 4-6**

Monthly design meetings between Little Elm, TxDOT, HNTB and Bridgefarmer continue to be held. Design is 95 percent complete.

Thomas Walden of PAS distributed the latest Parcel Acquisition Status report. Of 90 parcels needed, 87 have been appraised, 88 offers made, and 68 acquired.

David Hensley reported that AT&T and Grande will bore and place their conduits under the lake. Little Elm still needs to furnish TBE their water line alignment. TxDOT has scheduled a utility coordination meeting for April 23, 2009.

Project letting is still scheduled for September 2009. Letting cannot be any later than January 4, 2010 (three years from the FONSI date) or the project will require a re-evaluation. No new EA is required to open the road to 6 lanes.

#### **Section 7**

No report.

#### **Section 8**

David Hensley reported that the construction is on schedule. The contractor should switch traffic onto the new pavement soon. The contractor continues to make good progress and is scheduled to complete the work in September 2010.

#### **Other Items**

None.

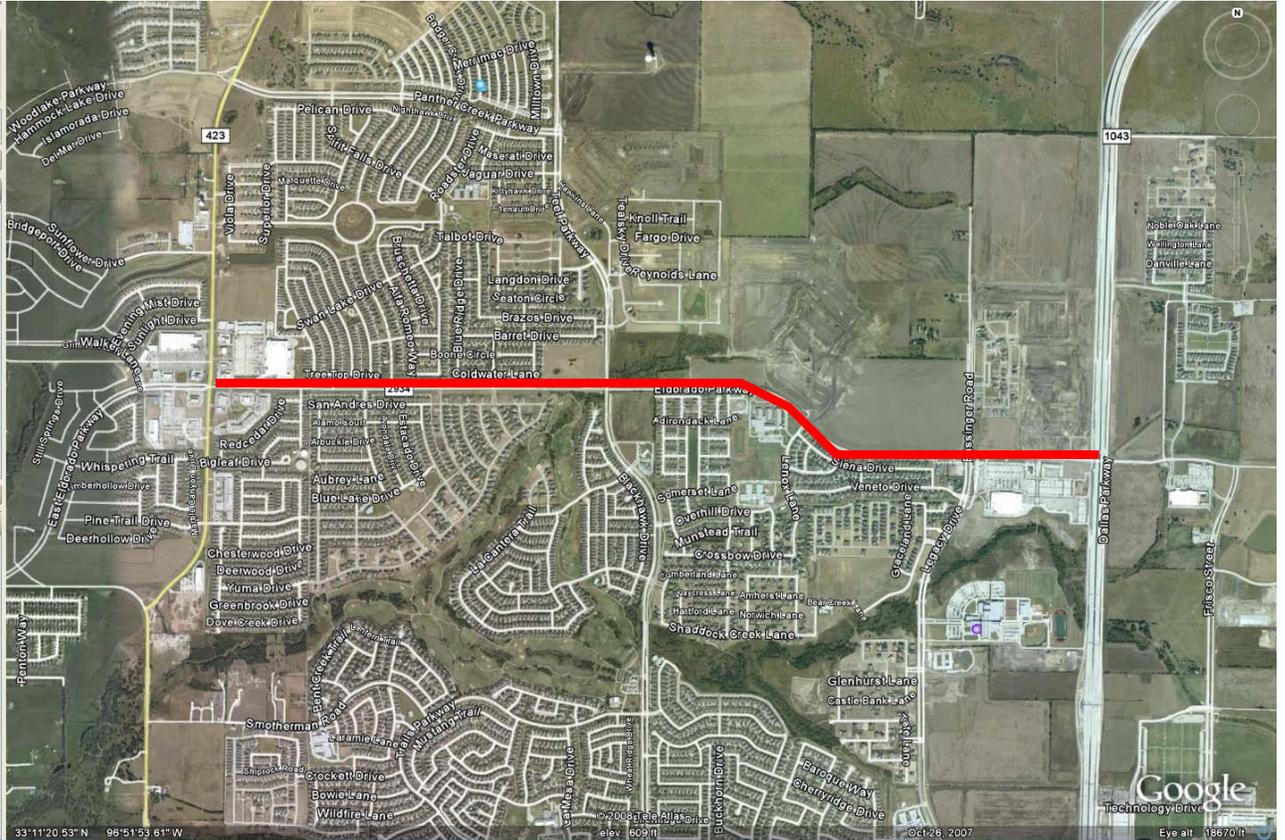
**Next meeting will be at 9:00 AM, Thursday, May 21, 2009 at Little Elm Town Hall**

Prepared by:

Bo V. Cung, P.E.  
4/13/2009

# FM 2934

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



## SCHEDULE

(approximate dates, subject to change without notice)

|                                |                |
|--------------------------------|----------------|
| <b>Let Date</b>                | November 2007  |
| <b>Construction Initiated</b>  | September 2008 |
| <b>Construction Completion</b> | 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: April 1, 2009

Report prepared by: Noe Rodriguez

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

Control: **2980-01-008**

Highway: **FM 2934**

Limits: From: Eldorado Pkwy, 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: September, 2010

**Current Activities:** FM 2934: Traffic is currently along the far south side in one direction each way. W.W. Webber is placing compost manufactured top soil from back of curb to ROW. FM 423: Traffic re-aligned to west side, excavating middle.

**Narrative Description of last month's activities:** Placed concrete pavement and curb Inlets.

**Narrative Description of activities planned for next month:** Switch traffic onto the new concrete pavement.

**Traffic issues:** none

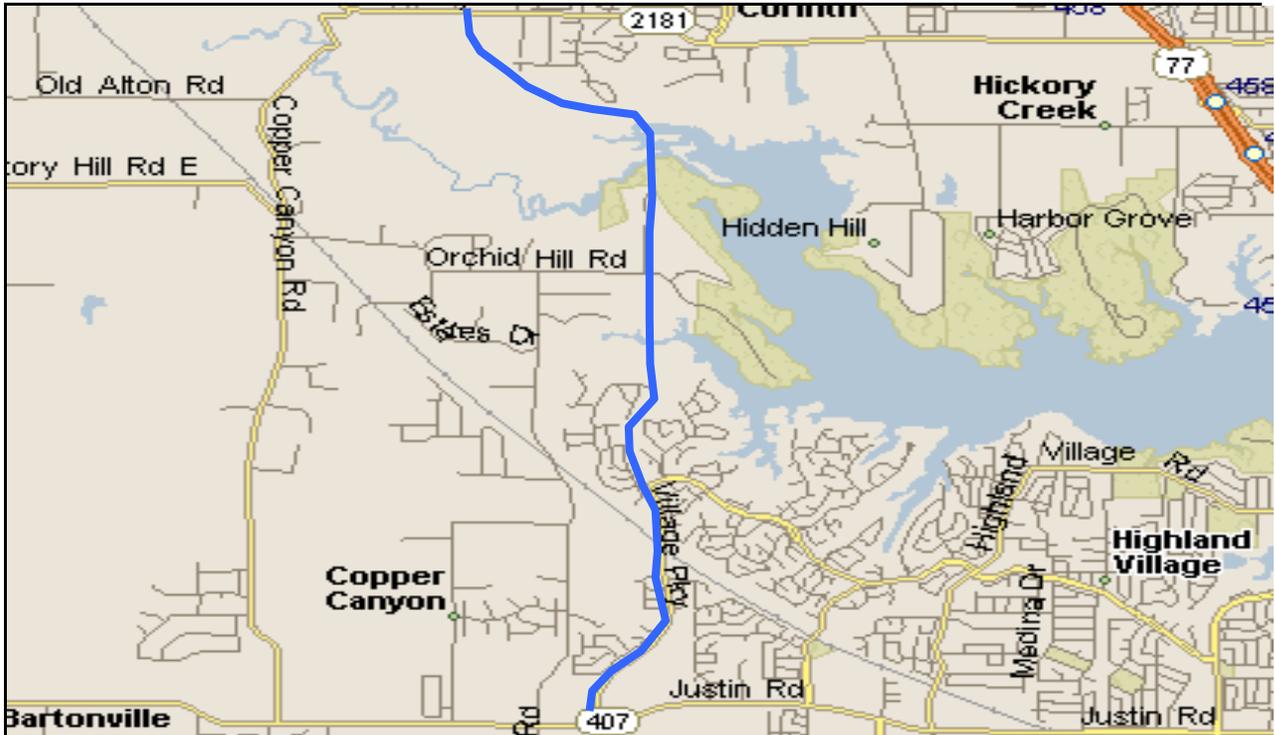
**Plans for changes in traffic patterns:** Move traffic from one side to the other during FM 423 construction is scheduled for the first weekend of April.

**Item(s) of work currently controlling project completion:** Placing compost and Sod/ Re-align FM 2934 Traffic to North Side

**Other items of significance:** Add right turn lanes and median cross over.

## FM 2499 Section 4

|                                |  |
|--------------------------------|--|
| <b>C-S-J:</b>                  | 2681-01-009                                |
| <b>Limits (From):</b>          | FM 407                                     |
| <b>(To):</b>                   | FM 2181                                    |
| <b>Length:</b>                 | 4.7 miles                                  |
| <b>Est. Const. Cost:</b>       | \$45 million                               |
| <b>Description of Project:</b> | 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      |
| <b>Schedule – PS&amp;E</b>                       |                 |
| 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

- Highland Village has made contact with Mr. Bishop regarding Parcel No. 15E.
- See Attached Construction Status Report from TxDOT.

# TxDOT Monthly Project Report for Precinct 1 Task Force

Date of report: April 1, 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:** Continue placing bridge drill shafts on Hickory Creek north side. Continue constructing bridge caps on Poindexter north of creek and columns and caps on Hickory Creek. Placing embankment and cement subgrade from Railroad to Poindexter Creek. Constructing retaining walls throughout project.

**Narrative Description of last month's activities:** Drill shafts, concrete pavement, embankment, storm sewer, retaining walls, bridge columns, and caps.

**Narrative Description of activities planned for next month:** Continue retaining wall construction throughout project. Continue drill shafts, columns, caps on Hickory Creek Bridge. Continue embankment and cement subgrade throughout project. Place all traffic from south end of project to Railroad onto new concrete pavement. Begin Phase 2B construction from south end of project to the Railroad. Place beams on Poindexter Bridge.

**Traffic issues:** Fairland Dr. closed to reconstruct roadway. City of Highland Village, TxDOT, and citizens have been notified.

**Plans for changes in traffic patterns:** N/A

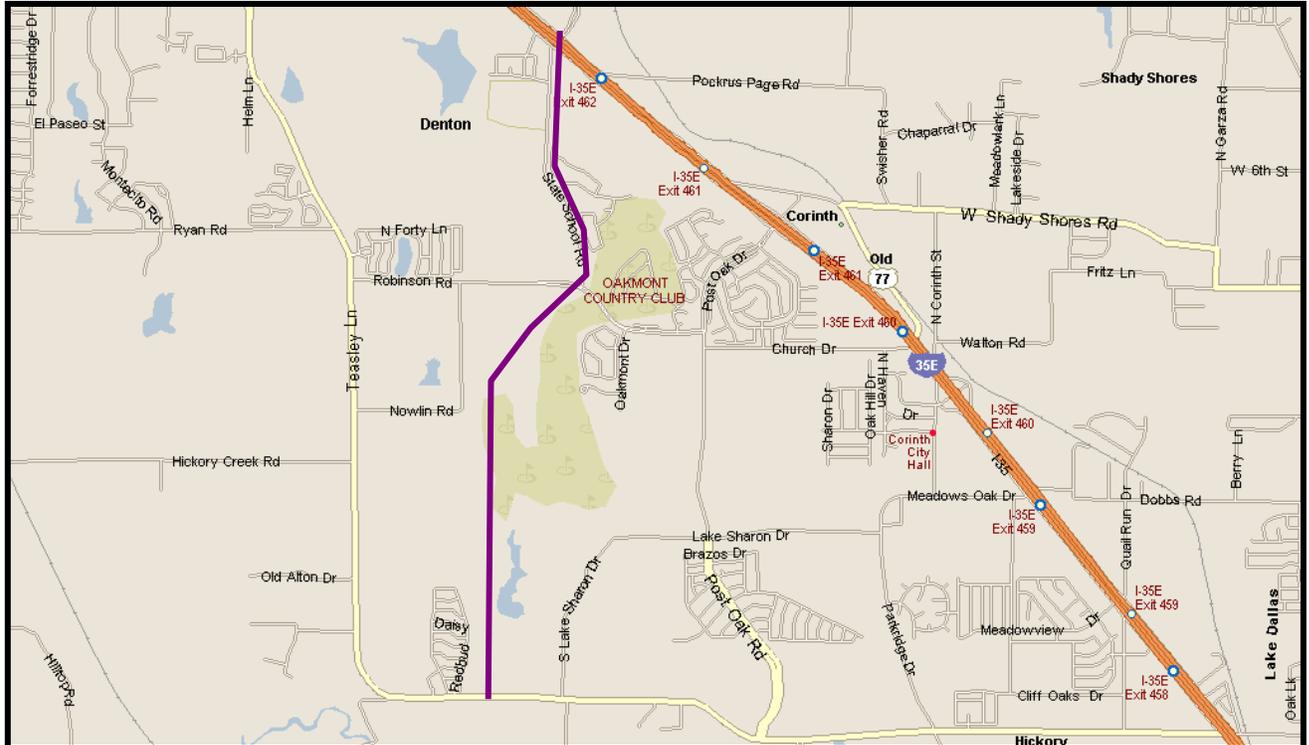
**Item(s) of work currently controlling project completion:** Embankment and lime/cement subgrade.

**Other items of significance:**

**ONE EASEMENT, 15E, HAS NOT BEEN ACQUIRED.**

## FM 2499 Section 5

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



## SCHEDULE

(approximate dates, subject to change without notice)

|  |                  |          |
|--|------------------|----------|
| <b>EA complete for TxDOT Review</b>                    | March 2004       |          |
| <b>EA and Schematic Submitted to TxDOT Austin/FHWA</b> | June 2004        |          |
| <b>Anticipate Clearance for Public Involvement</b>     | October 16, 2007 |          |
| <b>Public Hearing</b>                                  | Jan 17, 2008     |          |
| <b>FONSI (Finding of No Significant Impact)</b>        | June 2009        |          |
| <b>100% PS&amp;E</b>                                   | August 2009      |          |
| <b>ROW complete</b>                                    | October 2010     |          |
| <b>Utilities Relocated</b>                             | October 2011     |          |
| <b>Anticipated Let Date/DCIS Let Date</b>              | May 2012         | May 2012 |
| <b>Construction Complete</b>                           | May 2014         | May 2014 |

# FM 2499 Section 5

## Milestones

- ✓ Denton County Better Safer Roads Program has committed \$2.0 million. \$100,000 was issued in 1<sup>st</sup> 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 has been delayed due to Stimulus Package projects.
- 60% PSE submitted to Denton Area office for review.

# 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 Next Stake Holders meeting will be May 6<sup>th</sup>, 2009 at Lewisville City Hall.

## IH-35E Corridor - Project Delivery Strategy

### Project Limits

From: IH-635 LBJ Freeway (Northwest Dallas)

To: US 380 (North Denton)

### Project Description

The goal of this project is to completely reconstruct the Interstate 35E corridor throughout the project limits in order to:

- Facilitate the replacement of existing infrastructure that has reached or exceeded its design life; and
- Add additional capacity to an extremely congested corridor.

The project is approximately 28 miles in length. The majority of the corridor has three controlled access main lanes in each direction paralleled by continuous two lane frontage roads from IH 635 to north of FM 2181, and two controlled access main lanes in each direction paralleled by continuous two lane frontage roads from north of FM 2181 to US 380. The new facility will include four to five controlled access lanes in each direction as well as continuous frontage roads of two to three lanes in each direction. In addition two to four managed lanes will be added to the corridor. The managed lanes will allow an alternate choice for users to select a priced option to minimize and guarantee their trip time along the corridor. Managed Lane pricing will be carried out in compliance with the Regional Transportation Council's Policies for Managed Lane Operations. The policy includes the use of dynamic pricing (prices adjusted based on real time traffic conditions) to provide minimum 50 mile per hour travel on the managed lanes and price reductions for vehicles meeting the regional policy for High Occupancy Vehicle status of two or more passengers. The project is segmented as follows:

- South Segment: IH 635 to SH 190/PGBT (5.5 Miles)
- Middle Segment: SH 190/PGBT to FM 2181 (12.1 Miles)
- North Segment: FM 2181 to US 380 (10.5 Miles)
- 

### Estimated Costs

- Project Development: \$2.8 Billion (\$2008 – Total Project Costs inclusive of Right of Way Acquisition, Utility Relocation, Engineering, and Construction)
- Maintenance and Operations for 50 years: \$1.9 Billion (\$2008)

### Strategy to Deliver Project

- Conclude NEPA Process for all Segments ASAP
  - Updated typical Sections (4-2-2-4)
  - Limits of and Number of Managed Lanes within North Segment
  - Managed Lane Access Locations
- Launch an IH 35E Steering Committee
  - Policy Committee
  - Technical Committee with members from:
    - Denton County
    - Cities
    - TxDOT
    - NCTCOG
    - TxDOT's Consultants/Advisors
    - Others

- Maintain Contact with TxDOT Administration and Steering Committee
- Continue Due Diligence
  - Traffic and Revenue Studies
  - Capital and O&M Cost Estimates
  - Financial Planning
- Additional Sources of Capital Required
  - Transportation Reinvestment Zones
    - SB 1266
  - Prop 12 Bond revenue
  - Local

**Next Steps – Short Term - 2008**

- Finalize NEPA process for the South and Middle Segments
- Update North Segment Design Concept and conduct EA Re-evaluation
- Communicate to NCTCOG staff the proposed MTP segment definitions for the anticipated 2009 update of the 2030 MTP and conformity tables
- Start additional Work Authorization for engineering resources for schematic revisions for new MTP and access to/from the managed lanes to include:
  - Public Involvement
  - Traffic Projections and Alternatives Analysis
  - Schematic
  - Re-evaluation of the environmental assessment
  - Definition of proposed right of way
- Finalize MOU with NTTA for waiver of Market Value and NTTA's waiver of primacy
- Develop Stakeholder Support
  - TxDOT Administration
  - TxDOT CDA Steering Committee
  - Local elected officials
- Begin financial planning activities
  - Prepare financial model
  - Determine appropriate delivery/finance model
- Start a Level II Traffic and Revenue Study to include data mining, O&D and stated preference surveys
- Prepare Right of Way maps
- Begin Subsurface Utility Engineering
- Begin Geotechnical Investigations
- Prepare a Corridor Drainage Study
- Begin Procurement Activities
  - Develop RFQ/RFP for DBFO and/or Concession

**Next Steps – Mid Term - 2009**

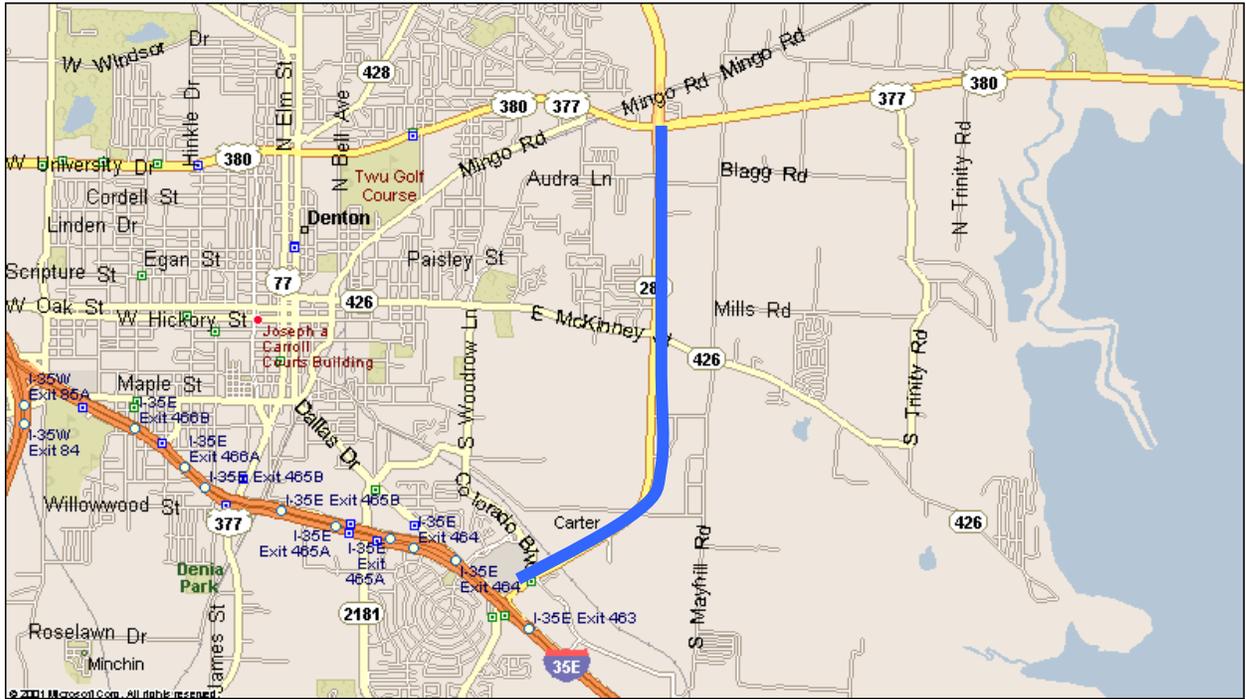
- RTC/NCTCOG Update of MTP at Conformity Approval
- Begin Right of Way acquisition
- Select Developer

**Next Steps – Long Term - 2010+**

- Design and Construction of Middle Segment
- Design and Construction of North Segment
- Design and Construction of South Segment

## Loop 288 East

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



## SCHEDULE

(approximate dates, subject to change without notice)

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

- Contract time is anticipated to start in early April, 2006.
- Construction should be complete in September 2009.
- See attached TxDOT Status Report.

# TxDOT Monthly Project Report for Precinct 1 Task Force

Date of report: April 1, 2009

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

Project: NH 2006(096)

Highway: Loop 288

Limits: From US 380

To IH 35E

**Contractor:**

**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: September, 2009

**Current Activities:**

Traffic has been switched onto new southbound main lanes concrete paving. Began milling and excavating northbound from the Pecan Creek Bridge to US 380. Pouring new concrete pavement northbound from US 380 to the Pecan Creek Bridge south of McKinney Street. Working on the westbound McKinney Street intersection east and west of Loop 288. Pouring color stamp concrete, sidewalks and wheel chair ramps on the south end of the project. Working on traffic signals at all intersections from IH 35E to Brinker.

**Narrative Description of last month's activities:**

Concrete paving, inlets, SW3P, embankment, signals

**Narrative Description of activities planned for next month:**

Abrams will continue paving operation northbound from US 380 to Pecan Creek Bridge. Abrams will continue to work on medians, install sod, and signals on the south end of project.

**Traffic issues:** none at this time

**Plans for changes in traffic patterns:**

Plans to meet on an occasional basis with the City of Denton Police Dept. and City Engineers to monitor and repair traffic problems.

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

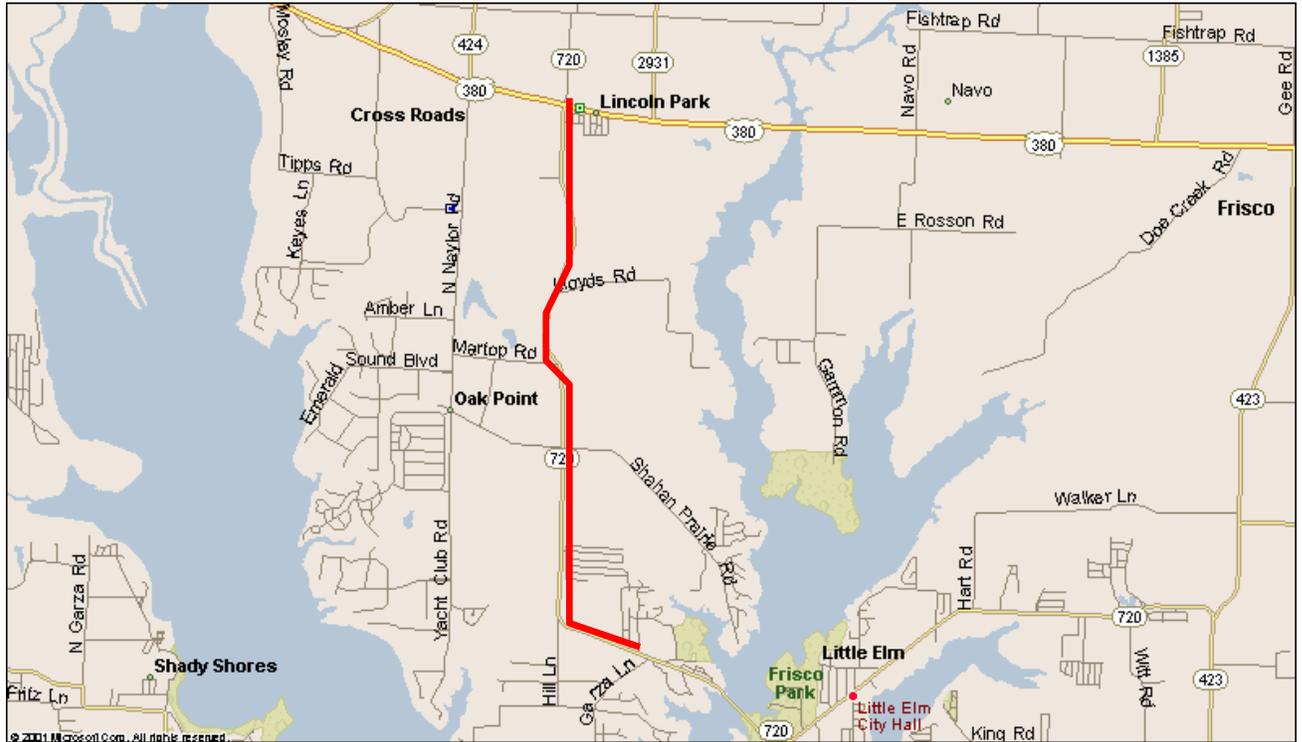
Concrete Paving northbound

**Other items of significance:**

Utility issues at McKinney Street and Traffic Signals at Colorado Blvd.

## FM 720 North/South

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



## SCHEDULE

(approximate dates, subject to change without notice)

|   |              |
|---|--------------|
| <b>Complete Draft Categorical Exclusion</b> | March 2006   |
| <b>Schematic Approved</b>                   | October 2007 |
| <b>Clearance for Public Involvement</b>     | *            |
| <b>Public Hearing</b>                       | *            |
| <b>FONSI</b>                                | *            |
| <b>ROW Acquisition Begins</b>               | *            |
| <b>Utility Relocation Completed</b>         | *            |
| <b>Anticipated Let Date in DCIS</b>         | *            |

## **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**

- Oak Point has requested that Com. White consider placing FM 720 North on the 2004 Bond Program.
- Denton County and TxDOT met with Julie Johnston regarding the process for accepting ROW donations on FM 720.
- Commissioner White included \$4 million in the county's 2004 Transportation Road Bond Program. It is anticipated that Denton County will use its TRIP-04 funds to conduct the EA, Schematic and PSE for FM 720 N/S.
- Draft NCTCOG County Thoroughfare plans show 2025 average daily traffic volumes of FM 720 N/S to be 29,000 adt.
- Denton County issued an RFQ for engineering service March 8, 2005.
- Responses were received April 4, 2005. Fifty responses were received. Purchasing provided committee members their set to begin reviewing on April 12, 2005.
- 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**

- Anticipate clearance for Public Hearing has been delayed due to Stimulus Package project..
- PS&E is at 37%.
- Denton County will work with TxDOT on the design of this project.

## FM 423 North

|                          |  |
|--------------------------|--|
| <b>C-S-J:</b>            |  |
| <b>Limits (From):</b>    | Stewart Creek Road                         |
| <b>(To):</b>             | US 380                                     |
| <b>Length:</b>           | 6.91                                       |
| <b>Est. Const. Cost:</b> | To be determined                           |
| <b>Description:</b>      | 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.

General Characteristics:

**FM 423 North: From US 380 to Stewarts Creek Road is 6.91-miles long. The ultimate facility will be a 6-lane urban arterial with the right-of-way width being 140 feet usual minimum. The right-of-way width through major intersections will be 160 feet. These major intersections are as follows: US 380, Future Virginia Parkway, Panther Creek Parkway, Eldorado Parkway, FM 720, Main Street/Kings Road, Stonebrook Parkway, and Lebanon-Boyd Road.**

Engineering Services:

The project consists of two phases: the Project Development Phase and the Final Design Phase. The Project Development Phase includes environmental investigations and Environmental Assessment (EA) preparation; public involvement; route studies; schematic preparation; ultimate right-of-way determination, mapping and deed preparation; geotechnical investigations and recommendations for bridges, slopes, and pavement. The project development phase is complete through the Public Hearing, Final Summary Report and the EA has been approved by Federal Highway Administration (FHWA); FONSI was issued on July 7, 2006. The Final Design Phase includes utility coordination, design survey, and production of construction plans, specifications, and estimates. This phase has been divided into two PS&E packages, the North Project and the Middle Project. The Middle Project's 100% Complete Plans were resubmitted for District Review on Tuesday, October 2, 2007 and the North Project is approaching 95% Complete Plans.

Efforts to Date:

- The scope and fee was accepted by Greenstreet Development. Met with Greenstreet, TxDOT and the City of Frisco on January 14, 2009 to discuss the process and expectations by TxDOT in order to submit the revised sheets into the set that should be going to Austin to be processed for an August 2009 Letting. **Project team waiting for notice to proceed from Greenstreet Development.**
- A meeting was held between TxDOT, city of Frisco and Jacobs to discuss the length of turn lanes if they match the current design criteria.
- Awaiting final recommendations from TxDOT on the lengths that will need to be updated in order to meet TxDOT's criteria that changed since the approval of the schematic.
- Met with Dannenbaum on January 13, 2009 to go over all the comments from TxDOT, City of Frisco and the Town of Little Elm on the SA to incorporate several changes to access added median openings and sidewalks on the north project. Submitted the SA to city of Frisco, TxDOT and Town of Little Elm for review on February 18, 2009. **Comments received on March 27, 2009.**
- **Coordinating drainage and roadway updates of the north project for the next submittal which is scheduled to be delivered on April 17, 2009.**
- Received TxDOT survey, placing file and updating topo based on the survey.
- Pavement design report is finalized. Typical sections are being updated to match pavement design report.
- Coordinating with City of Frisco to finalize the additional parcels needed for easements and/or right-of-way on the Middle Section.

Outstanding Issues:

- ° Finalizing right-of-way map for the North Section.

Schedule:

| Description                                       | North Project | Middle Project |
|---|---------------|----------------|
| Public Meeting                                    | February 04   |                |
| Determine Locally Preferred Alternative           | March 04      |                |
| Develop Schematic                                 | May 04        |                |
| Develop Env. Assessment (EA)                      | May 04        |                |
| Receive Prel. Agency Approval of Schematic and EA | Nov 05        |                |
| Public Hearing                                    | February 06   |                |
| Review Public Comment and Complete EA             | Spring 06     |                |
| Receive Final Approval of Schematic and EA        | Summer 06     |                |
| Final Construction Plans                          | Aug 2009      | April 2009     |
| Letting Date                                      | May 2010      | Aug 2009       |

Estimated Construction Costs:

**FM 423 North:**

**Schematic**

|          |                                 |                 |
|----------|---------------------------------|-----------------|
| 6 Lanes: | North Section                   | \$29.2 M        |
| 6 Lanes: | South Section                   | \$ 9.5 M        |
|          | Mobilization (6%)               | \$ 2.3 M        |
|          | Contingency (15%)               | \$ 5.8 M        |
|          | <b>Total Construction Costs</b> | <b>\$46.8 M</b> |

**65% Plans**

|          |                           |                 |
|----------|---------------------------|-----------------|
| 6 Lanes: | North Section             | \$33.1 M        |
| 6 Lanes: | South Section             | \$26.9 M        |
|          | Engineering Costs (7%)    | \$ 4.2 M        |
|          | <b>Total Project Cost</b> | <b>\$64.2 M</b> |

**95% Plans**

|          |                            |                 |
|----------|----------------------------|-----------------|
| 6 Lanes: | North Section              | \$40.8 M        |
| 6 Lanes: | South Section              | \$33.1 M        |
|          | Engineering Costs (7%)     | \$ 5.2 M        |
|          | <b>Total Project Costs</b> | <b>\$79.1 M</b> |

**100% Plans**

|          |                             |                 |
|----------|-----------------------------|-----------------|
| 6 Lanes: | North Section               | \$40.8 M        |
| 6 Lanes: | Middle Section              | \$36.4 M        |
|          | FM 720                      | \$ 2.3 M        |
|          | Engineer Costs (5%)         | \$ 4.0 M        |
|          | <b>Total Projects Costs</b> | <b>\$83.5 M</b> |

Estimated ROW Costs:

Schematic

**FM 423 North:**

Total ROW Area = 119.07  
 Existing ROW Area = 81.56 AC  
 New ROW Area = 37.51 AC  
 Estimated ROW Costs = \$14.5 M

Based on the following:

- Residential Properties
  - \$800,000 per acre
  - \$10,000 for relocation assistance (2 required)
- Commercial Properties
  - \$800,000 per acre
  - \$100,000 for relocation assistance (4 required)
- Undeveloped Properties
  - \$80,000 per acre
- 15% contingency

As we move forward with this project, the cost of the right-of-way shown above will be adjusted to reflect the dedication of land for right-of-way use, as it receives final platting.