

30

AGENDA ITEM REQUEST FORM

Hays County Commissioners Court

Tuesdays at 9:00 AM

Request forms are due in Microsoft Word Format via email by 2:00 p.m. on Wednesday.

AGENDA ITEM

Discussion of issues related to the road bond projects, including updates from Mike Weaver, Prime Strategies and Jeff Curren, HDR. Possible action may follow.

ITEM TYPE

STANDING AGENDA ITEM

MEETING DATE

May 14, 2013

AMOUNT REQUIRED

LINE ITEM NUMBER

AUDITOR USE ONLY

AUDITOR COMMENTS:

PURCHASING GUIDELINES FOLLOWED: N/A

AUDITOR REVIEW: N/A

REQUESTED BY

SPONSOR

COBB

CO-SPONSOR

N/A

SUMMARY

FILED:

05 14 13

HAYS COUNTY COMMISSIONERS' COURT

Resolution # *Road Bond Projects* VOL V PG 158



PASS THROUGH FINANCING PROGRAM

Construction Summary Report

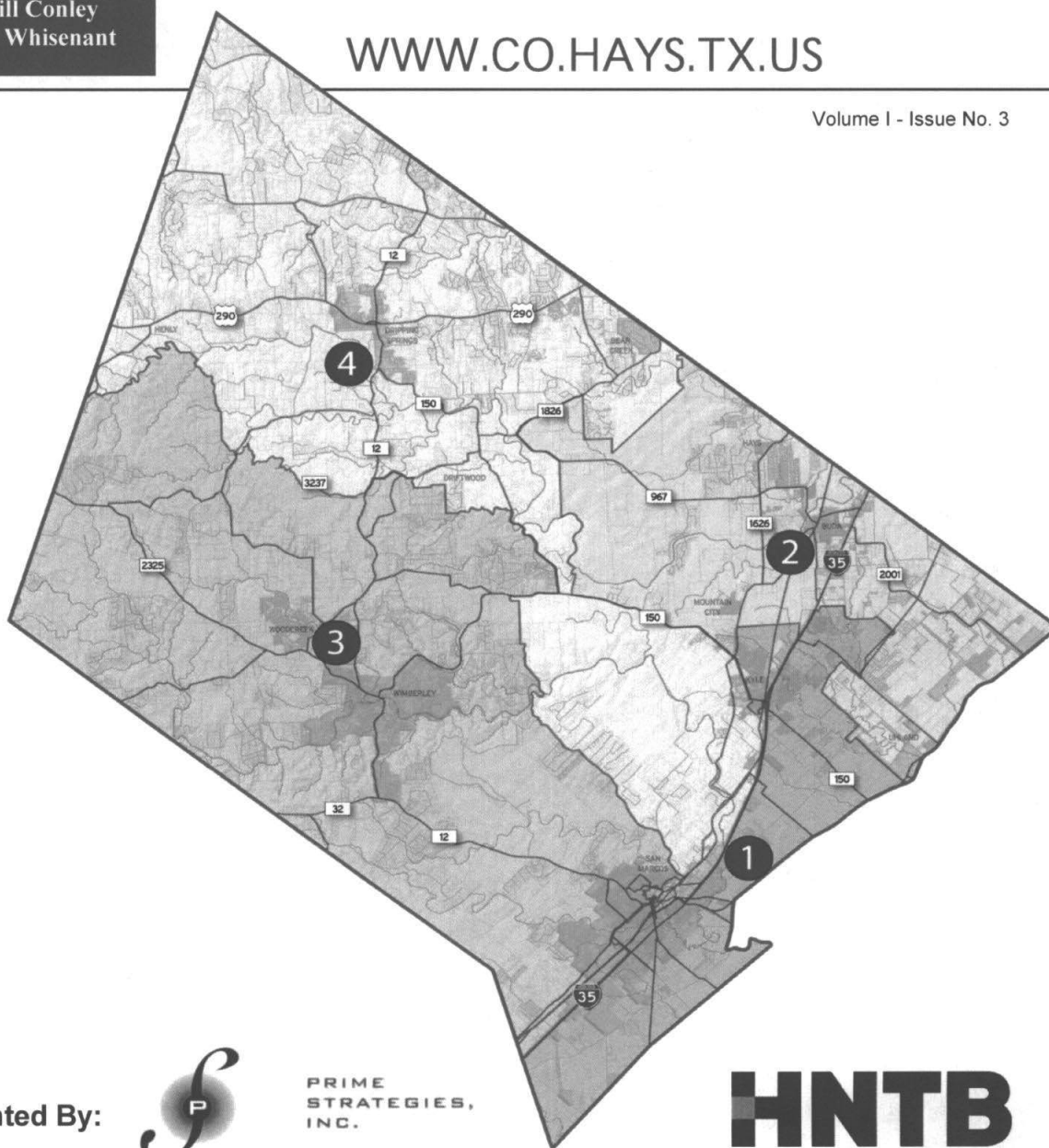
County Judge
Bert Cobb, M.D.

Commissioners
Debbie Ingalsbe
Mark Jones
Will Conley
Ray Whisenant

May 2013

WWW.CO.HAYS.TX.US

Volume I - Issue No. 3



Presented By:



PRIME
STRATEGIES,
INC.

HNTB

Table of Contents



Completed Projects.....	1
Projects in Design.....	2
Yarrington Bridge (at IH 35).....	3
FM 1626 South (FM 2770 to FM 967)	3
PRECINCT No. 1 – Commissioner Debbie Ingalsbe	4
IH 35 Phase 2A (RM 150 Realignment)	5
FM 110 (McCarty Lane to SH 123).....	7
PRECINCT No. 2 – Commissioner Mark Jones	9
IH 35 Phase 2B (FM 1626 to Yarrington)	10
FM 1626 North (FM 967 to Brodie Ln).....	12
PRECINCT No. 3 – Commissioner Will Conley	14
PRECINCT No. 4 – Commissioner Ray Whisenant	15

HAYS COUNTY

PASS THROUGH PROGRAM

COMPLETED PROJECTS

CONSTRUCTION SUBSTANTIALLY COMPLETE/OPEN TO TRAFFIC - AS OF APRIL 2013

Precinct 1

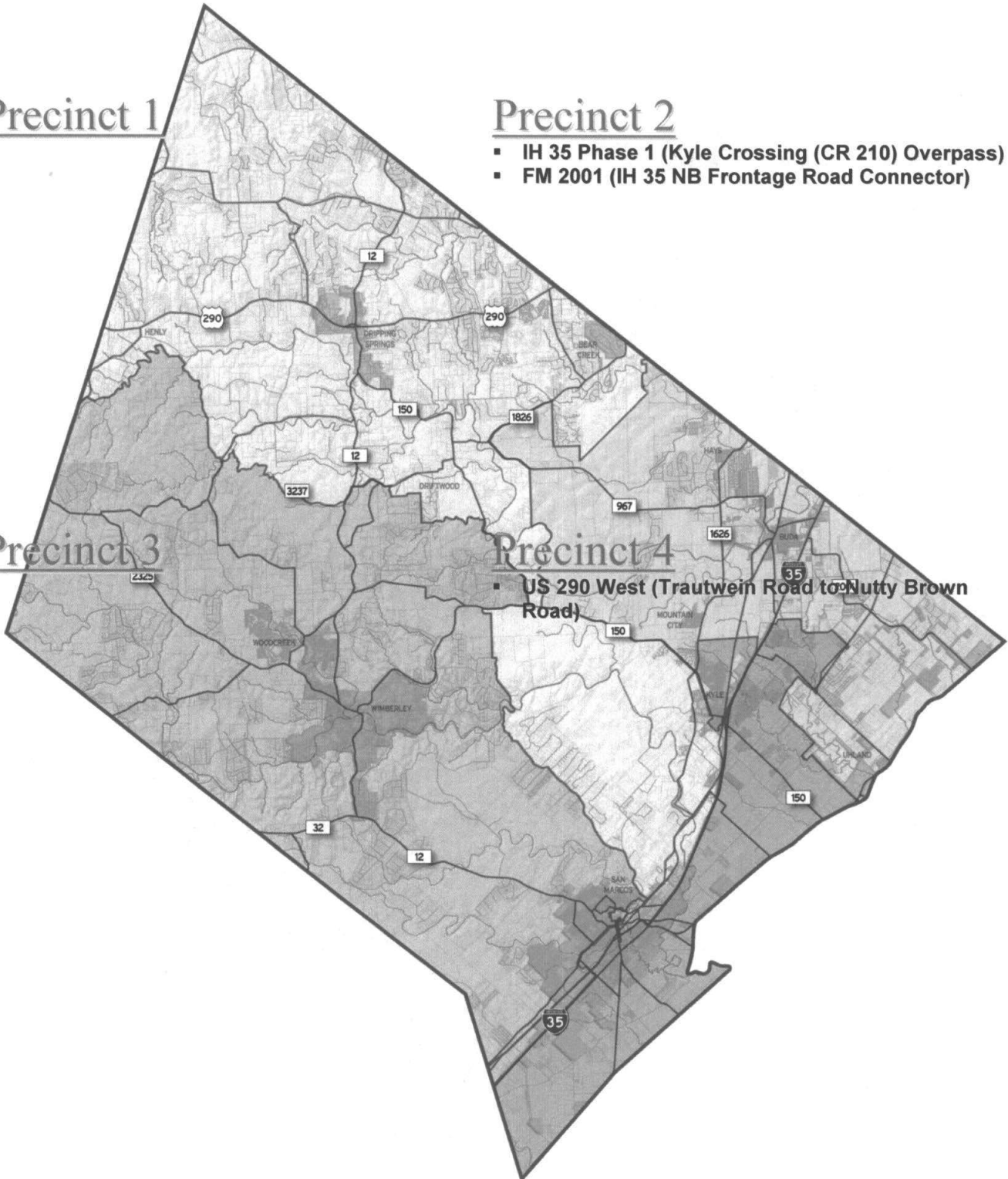
Precinct 2

- IH 35 Phase 1 (Kyle Crossing (CR 210) Overpass)
- FM 2001 (IH 35 NB Frontage Road Connector)

Precinct 3

Precinct 4

- US 290 West (Trautwein Road to Nutty Brown Road)



HAYS COUNTY

PASS THROUGH PROGRAM

PROJECTS IN DESIGN

ONGOING DESIGN, ENVIRONMENTAL, ROW ACQUISITION AND UTILITY COORDINATION/RELOCATION ACTIVITIES

Precinct 1

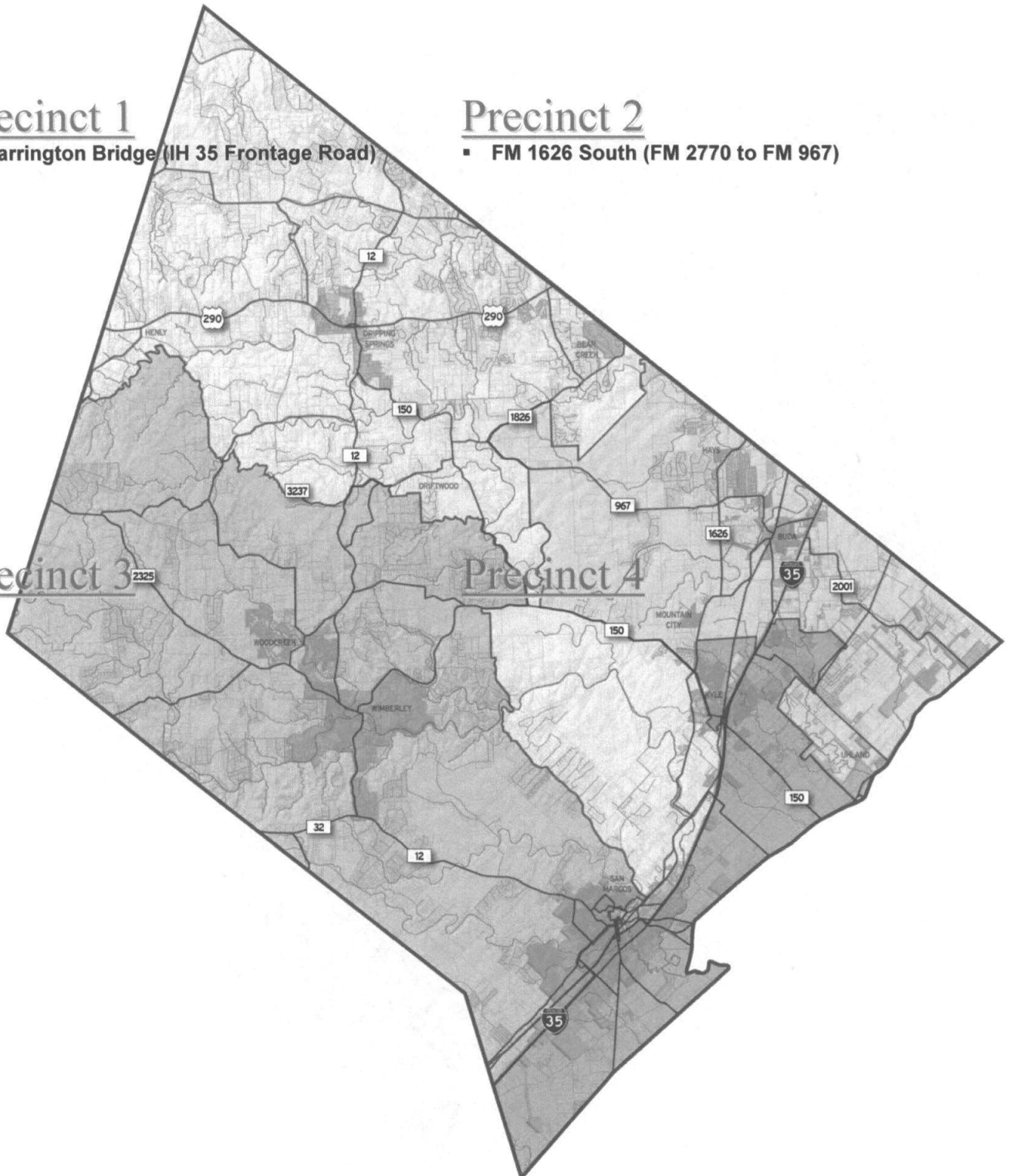
- Yarrington Bridge (IH 35 Frontage Road)

Precinct 2

- FM 1626 South (FM 2770 to FM 967)

Precinct 3

Precinct 4



Yarrington Bridge

(at IH 35)

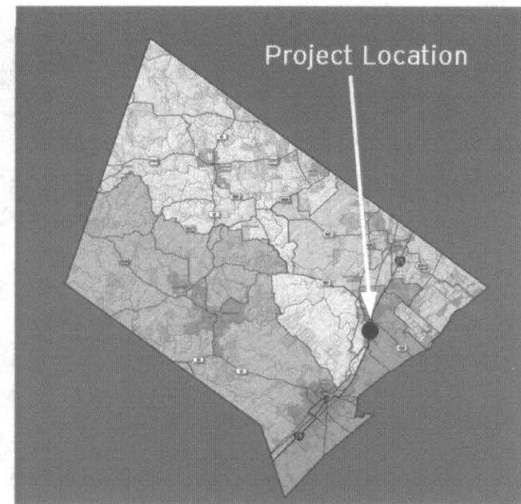
Project Length: 0.408 Miles

Roadway Section: Two-Lane Frontage Road realignment with deceleration and turn lanes

Structures: Two one-lane turnaround bridges and one two-lane bridge with two left turn lanes & shoulders

Approved Letting Date: August 2013

Estimated Construction Cost: \$9.4 Million



- Final plans are under review for Division approval
- Traffic counter plan sheets are being revised in response to TxDOT comments on location
- Revised Design Change Memo was transmitted to FHWA by TxDOT on 5/1/2013 in response to FHWA comments
- Coordination continues with Cities of Kyle & San Marcos regarding aesthetic options & costs
- Continued utility coordination with utility companies and cities regarding relocation costs & schedules
- Initial offers have been made to the property owners

Engineer: CP&Y

Construction Inspection: TxDOT

FM 1626 South

(FM 2770 to FM 967)

Project Length: 3.298 Miles

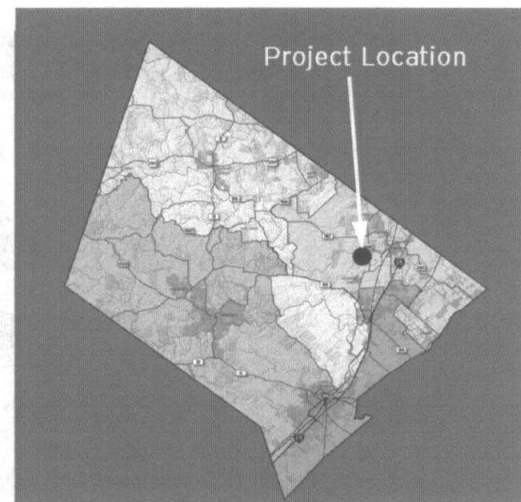
Roadway Classification: Rural Major Collector

Roadway Section: Five-lane Section with Two-Way Left Turn Lane

Structure: One four-lane bridge

Anticipated Letting Date: Fall 2014

Estimated Construction Cost: \$16.3 Million



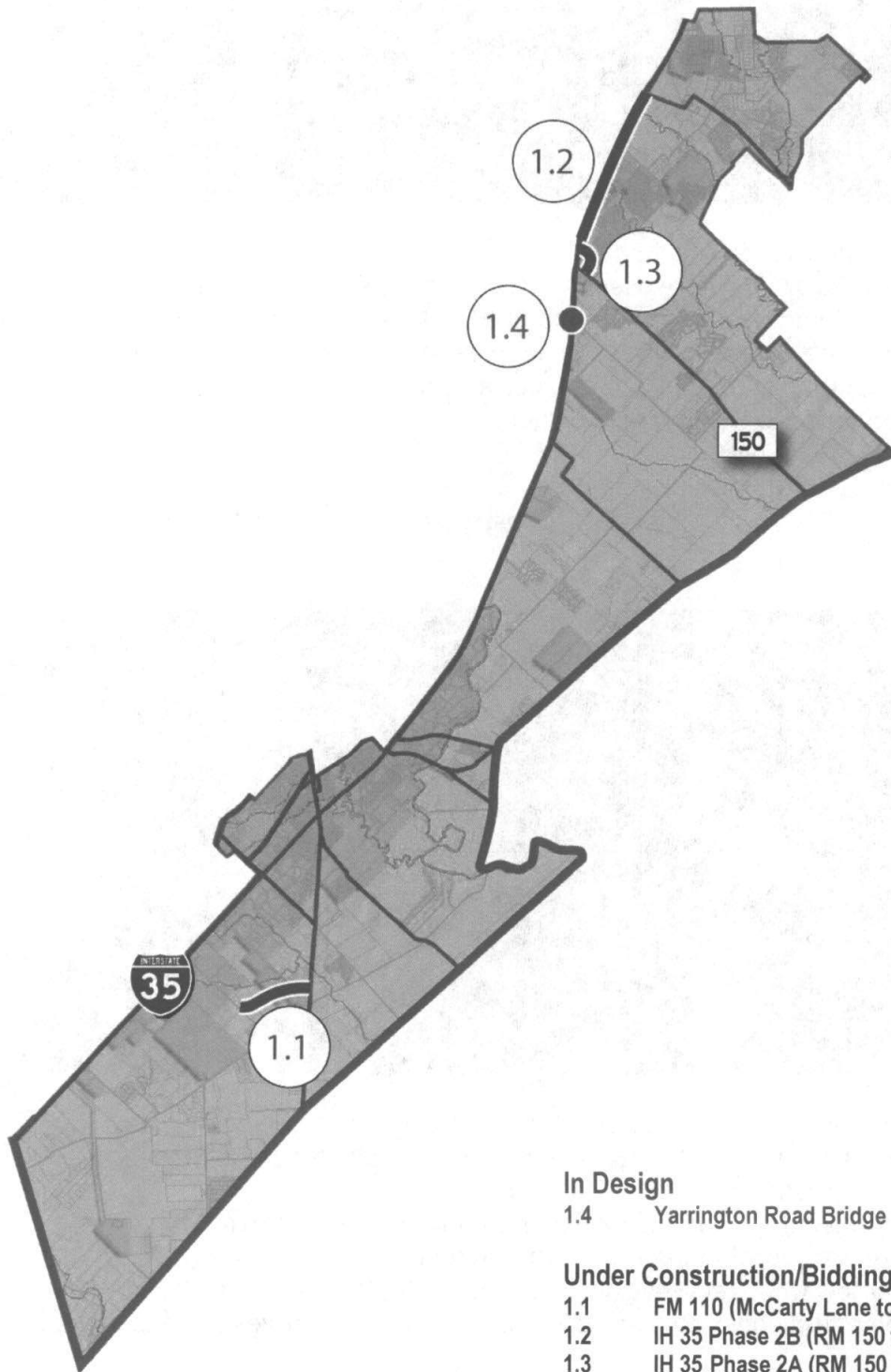
- FHWA returned review comments on Environmental Assessment
- Preparing revisions to EA to respond to FHWA comments, anticipated to be ready for resubmittal when TxDOT completes consultation with USFWS
- Held 60% TxDOT Plan Review on 10/18/2012, still awaiting TxDOT comments
- ROW acquisition and utility coordination efforts are ongoing
- ROE in progress on parcels where surveyor need access to locate recent improvements on properties
- Golden-cheeked warbler study nearing completion with sixth & last survey to be completed on 5/15/2013

Engineer: Klotz

Construction Inspection: Raba Kistner

PRECINCT 1

COMMISSIONER INGALSBE

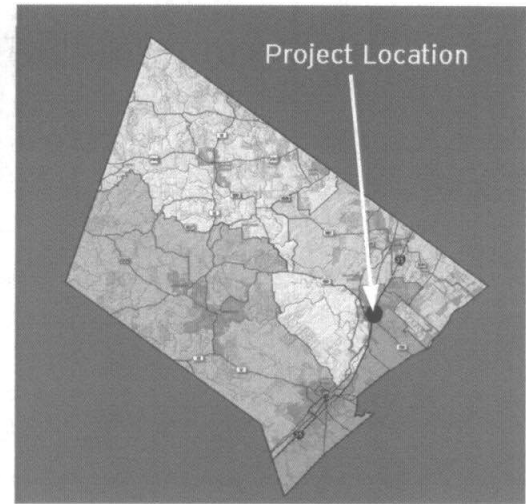


In Design

1.4 Yarrington Road Bridge (at IH 35)

Under Construction/Bidding

1.1 FM 110 (McCarty Lane to SH 123)
1.2 IH 35 Phase 2B (RM 150 to FM 1626)
1.3 IH 35 Phase 2A (RM 150 Realignment)



IH 35 PHASE 2A (RM 150 Realignment)

Project Length: 0.58 Miles

Roadway Classification: Urban Minor Arterial

Roadway Section: Five-lane Section with Two-Way Left Turn Lane and Raised Median

Project Schedule: September 2012 - October 2013

Estimated Construction Cost: \$3.5 Million



APRIL 2013 IN REVIEW

- Set forms, installed reinforcing steel, and poured concrete combination rail (Ty C223) on MSE Wall B.
- Set forms, installed reinforcing wire mesh, and placed concrete for rip rap behind MSE Wall A.
- Placed concrete for bridge sidewalk on the left side of centerline.
- Continued installation of storm sewer RCP.
- Completed lime stabilized subgrade from Sta 75+00 to 84+00 along existing RM 150. Then processed, graded, and compacted first & second course flex base from Sta 75+00 to 84+00.
- Processed, graded, and compacted second course flex base along proposed Hill Street.
- Constructed curb and gutter along LT roadway and began construction of curb & gutter transitions and radius returns.
- Continued construction of sidewalk and concrete median.
- Subcontractor Austin Traffic Signal (ATS) continued installation of conduit along proposed RM 150 LT roadway.
- ATS continued to drill, set reinforcing steel cages, and conduit for installation of traffic signal foundations.



Design Engineer: URS Corporation
Contractor: Capital Excavation
Construction Inspection:
TxDOT

Hays County
Pass Through Financing Program

HNTB



PRIME
STRATEGIES,
INC.

PASS THROUGH FINANCING: IH 35 Phase 2A (RM 150 Realignment)

TxDOT CSJ: 0805-01-017

Original Contract Price = \$3,483,074.33

<u>Letting</u>	<u>Award</u>	<u>Notice To Proceed</u>	<u>Begin Work</u>	<u>Substantially Complete</u>	<u>Work Accepted</u>	<u>Total Bid Days</u>	<u>Days Added</u>	<u>Total Days</u>
5/2/2012	5/31/2012	7/12/2012	9/4/2012	TBD	TBD	274	0	274
<u>Invoice Number</u>	<u>Beginning Date</u>	<u>Ending Date</u>	<u>Days Charged</u>	<u>Current Invoice</u>	<u>Invoice Total</u>	<u>% (\$ Used)</u>	<u>% Time Used</u>	
1	7/11/2012	9/25/2012	17	\$477,868.10	\$477,868.10	14	6	
2	9/26/2012	10/25/2012	22	\$296,939.96	\$774,808.06	22	14	
3	10/26/2012	11/25/2012	19	\$117,203.53	\$892,011.59	25	21	
4	11/26/2012	12/19/2012	18	\$318,547.12	\$1,210,558.71	34	28	
5	12/20/2012	1/25/2013	18	\$249,068.46	\$1,459,627.17	41	34	
6	1/26/2013	2/22/2013	20	\$318,511.28	\$1,778,138.45	50	42	
7	2/23/2013	3/25/2013	21	\$190,838.75	\$1,968,977.20	56	49	
8	3/26/2013	4/25/2013	22	\$206,855.91	\$2,175,833.11	62	57	

<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
01	9/14/2012	\$8,406.90	8,406.90

1B: Incorrect PS&E (Consultant Design). This change order revises the drill shaft foundations from 30 inch to 36 inch for the RVSD poles. Plan sheets 127AA, 225A, and 230A are added in this change. No additional time is needed.

<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
02	9/26/2012	\$893.78	9,300.68

1C: Design Error or Omission (Other). This change revised 11 signs, in accordance with the MUTCD, that were entered into the plans with incorrect dimensions. No additional time is needed.

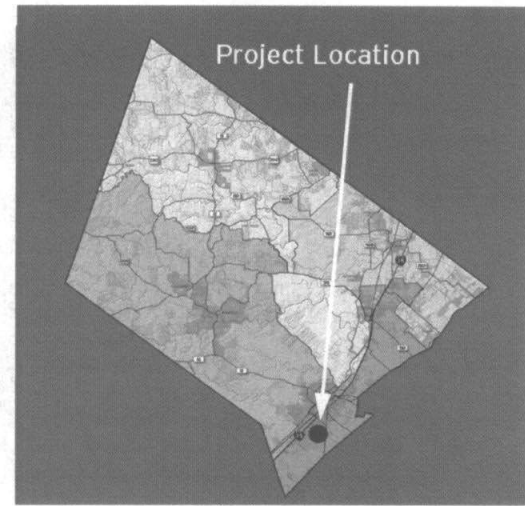
<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
03	4/4/2013	\$22,499.00	31,799.68

1C: Design Error or Omission (Other). The original plans provided the incorrect elevations for the top of Wall B. The wall shows to be two feet higher than the roadway. Plan sheets 3 and 52 have been revised to the correct top of wall elevations. This change adds an item to compensate the contractor for having to saw cut the wall and engineering costs incurred for having to redesign the wall. This change also incorporates plan sheet 167A, which is a detail for curb inlets that was not included in the original plans. No additional time is needed.

<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
04	3/7/2013	\$15,787.20	47,586.88

1B: Design Error or Omission (Consultant Design). The original plans provided a detail on sheet 26 indicating a bond breaker under the concrete paving that is 4" Type A and 2" Type C, but pay items for the hot mix were not included in the PS&E. TxDOT has agreed to allow the contractor to blade lay 6" Type B in this area, and this change order adds the needed pay item. No additional time is needed.

Adjusted Price = \$3,530,661.21



FM 110

(McCarty Lane to SH 123)

Project Length: 1.167 Miles

Roadway Classification: Multi-lane Rural Highway (Primary Arterial)

Roadway Section: Five-Lane Section with Two-Way Left Turn Lane

Project Schedule: November 2012 - December 2013

Estimated Construction Cost: \$6.5 Million



APRIL 2013 IN REVIEW

- Completed hauling and balancing embankment in various locations from Sta 92+25 to 125+00.
- Embankment is 99% complete on both future eastbound & westbound lanes between Sta 92+25 and 125+00.
- Continued installation of embankment material between Sta 128+75 and 134+75 on eastbound roadway along MSE Wall E1.
- Completed installation of 12" Waterline A for Crystal Clear.
- Completed installation of 12" Waterline B for City of San Marcos (COSM).
- Installed fire hydrants on COSM Waterline B.
- Nearing completion of grading, forming, and pouring concrete leveling pad for MSE Wall W1.
- Completed installing underdrain pipe for MSE Wall E1 and is approximately 75% complete with installing underdrain pipe for MSE Wall W1.
- Nearing completion of the installation of MSE Wall E1 panels.
- Began installation of MSE Wall W1, approximately 10% complete.



Design Engineer: S&B Infrastructure
Contractor: CF Jordan Construction
Construction Inspection:
Brown & Gay

Hays County
Pass Through Financing Program

HNTB



PRIME
STRATEGIES,
INC.

PASS THROUGH FINANCING: FM 110 (McCarty Lane to SH 123)

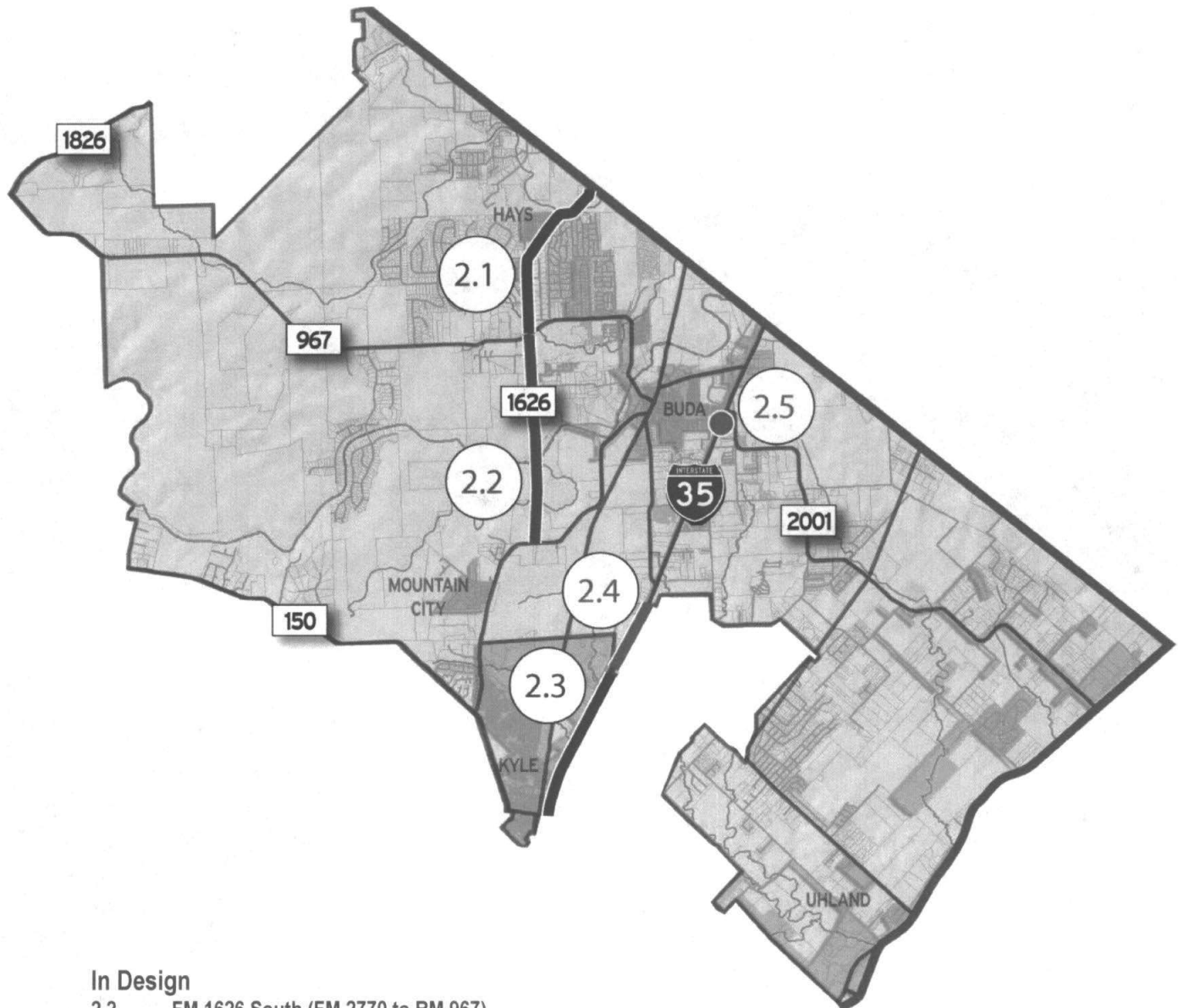
TxDOT CSJ: 3545-02-003

Original Contract Price = \$6,493,407.10

<u>Letting</u>	<u>Award</u>	<u>Notice To Proceed</u>	<u>Begin Work</u>	<u>Substantially Complete</u>	<u>Work Accepted</u>	<u>Total Bid Days</u>	<u>Days Added</u>	<u>Total Days</u>
8/26/2012	8/29/2012	11/7/2012	11/22/2012	TBD	TBD	210	0	210
<u>Invoice Number</u>	<u>Beginning Date</u>	<u>Ending Date</u>	<u>Days Charged</u>	<u>Current Invoice</u>	<u>Invoice Total</u>	<u>% (\$)</u> <u>Used</u>	<u>% Time</u> <u>Used</u>	
1	11/22/2012	11/30/2012	5	\$309,933.50	\$309,933.50	5	2	
2	12/1/2012	12/25/2012	15	\$291,790.00	\$601,723.50	9	10	
3	12/26/2012	1/25/2013	16	\$239,924.00	\$841,647.50	13	17	
4	1/26/2013	2/25/2013	21	\$469,952.02	\$1,311,599.52	20	27	
5	2/26/2013	3/25/2013	19	\$983,124.56	\$2,294,724.08	35	36	
6	3/26/2013	4/25/2013	19	\$405,358.88	\$2,700,082.96	42	45	
Adjusted Price = \$6,493,407.10								

PRECINCT 2

COMMISSIONER JONES



In Design

2.2 FM 1626 South (FM 2770 to RM 967)

Under Construction /Bidding

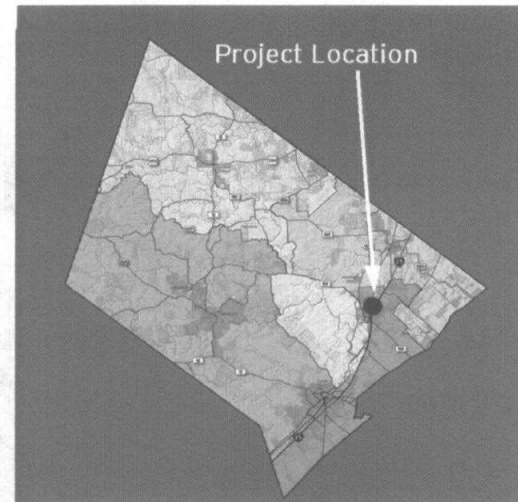
2.1 FM 1626 North (RM 967 to Brodie Lane)

2.3 IH 35 Phase 2B (RM 150 to FM 1626)

Completed/Open to Traffic

2.4 IH 35 Phase 1 (CR 210 Overpass)

2.5 FM 2001 (IH 35 NB Frontage Road Connector)



IH 35 PHASE 2B

(FM 1626 to Yarrington Road)

Project Length: 2.746 Miles

Roadway Classification: Frontage Roads

Roadway Section: Two-lanes with shoulders

Project Schedule: August 2012 - September 2013

Estimated Construction Cost: \$6.3 Million



APRIL 2013 IN REVIEW

- Continued installation of curb & gutter, rip rap and curb ramps along the southbound frontage road.
- Paved Ty B asphalt on future southbound exit ramp SBX10.
- Continued excavation and installation of Type A asphalt near Sta 480+00 on southbound frontage road.
- Completed the overlay on the northbound frontage road.
- Completed the installation of box culverts between Martinez Loop and Cortez St and placed inlets and box culvert SETs.
- Installed roadway illumination foundations near SBX10.
- Installed work zone and permanent striping along both frontage roads.
- Restriped Center Street to incorporate fourth travel lane.
- Continued installation of 42" reinforced concrete pipe from Burleson to Plum Creek, including a drop inlet.
- Continued adjustments of metal beam guardrail.
- Continued to haul excess material from project limits.
- Subcontractor Levy Construction continued the installation of large sign foundations along the southbound mainlanes.

Design Engineer: CP&Y
Contractor: Hunter Industries
Construction Observation:
TxDOT

Hays County
Pass Through Financing Program

HNTB



PRIME
STRATEGIES,
INC.

PASS THROUGH FINANCING: IH 35 Phase 2B (FM 1626 to Yarrington)
TxDOT CSJ: 0016-02-127

Original Contract Price = \$6,298,068.75

<u>Letting</u>	<u>Award</u>	<u>Notice To Proceed</u>	<u>Begin Work</u>	<u>Substantially Complete</u>	<u>Work Accepted</u>	<u>Total Bid Days</u>	<u>Days Added</u>	<u>Total Days</u>
5/3/2012	5/31/2012	7/18/2012	8/13/2012	TBD	TBD	264	0	264
<u>Invoice Number</u>	<u>Beginning Date</u>	<u>Ending Date</u>	<u>Days Charged</u>	<u>Current Invoice</u>	<u>Invoice Total</u>	<u>% (\$ Used)</u>	<u>% Time Used</u>	
1	7/18/2012	7/26/2012	0	\$9,745.00	\$9,745.00	0	0	
2	7/27/2012	8/25/2012	10	\$388,486.65	\$398,231.65	6	4	
3	8/25/2012	9/25/2012	21	\$793,026.93	\$1,191,258.58	19	12	
4	9/26/2012	10/25/2012	22	\$602,196.88	\$1,793,455.46	28	20	
5	10/26/2012	11/25/2012	19	\$540,769.03	\$2,334,224.49	37	27	
6	11/26/2012	12/17/2012	16	\$280,095.40	\$2,614,319.89	41	33	
7	12/18/2012	1/25/2013	26	\$754,959.64	\$3,369,279.53	53	43	
8	1/26/2013	2/24/2013	23	\$286,570.25	\$3,655,849.78	58	52	
9	2/25/2013	3/25/2013	21	\$79,702.17	\$3,735,551.95	59	60	
10	3/26/2013	4/25/2013	23	\$1,024,995.01	\$4,760,546.96	75	69	

<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
01	8/24/2012	(\$21,053.38)	-21,053.38

3H: Cost Savings Opportunity. This change allows for the modifications and adjustments to the original retaining wall items as a cost savings to TxDOT. No additional time is needed.

<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
02	9/27/2012	\$12,330.61	-8,722.77

2G: Unadjusted Utility (Unforeseeable). This change adjusts existing items due to an existing utility conflict that required a redesign of the storm sewer and junctions to improve constructability. This change also adjusts three items pertaining to the MSE wall previously created and/or adjusted on CO #1. The consultant submitted revised plans sheets after CO #1 was processed. Plan sheets 7A, 8A, 181A, 183A, 201A, 202A, 213A-216A, and 218A-220A are incorporated in this change. No additional time is needed.

<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
03	11/7/2012	\$10,000.00	1,277.23

3F: Additional Work Desired by TxDOT. This change will provide for the repairs of MBGF or Crash Cushions damaged during construction procedures. Each repair will be paid by a certified invoice. No additional time is needed.

<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
04	12/6/2012	\$11,868.38	13,145.61

1B: Incorrect PS&E (Consultant Design). This change orders changes three driveways from ACP to concrete, revises two intersection to full depth ACP, and changes two traffic counter drill shafts from 30 inch to 36 inch. This change also incorporates plan sheets 5A, 6A, 131A, 132A, 134A, 135A, 168A, 353A, 354A, and 357A. No additional time is needed.

<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
05	2/12/2013	\$3,578.92	16,724.53

1C: Design Error or Omission (Other). TxDOT has requested the contractor to relocate a pull box and extend existing 3" PVC conduit runs H & I and tie them into the new pull box and to make repairs to the existing 3" PVC conduits runs K & C. The box and PVC are located at the intersection of IH 35 SBFR and RM 150, and are in the way of construction. No additional time is needed.

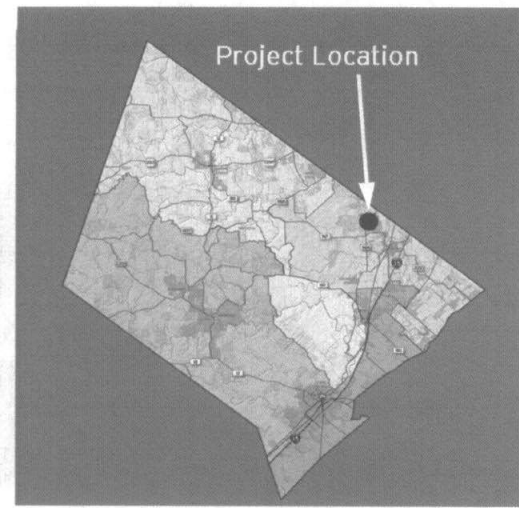
<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
06	3/6/2013	\$1,834.67	18,559.20

1C: Design Error or Omission (Other). This change order allows for the revision of the traffic control that was not incorporated into the original plans. These changes will bring the project traffic control into compliance with the TMUTCD. No additional time is needed.

<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
07	5/1/2013	\$108.66	18,667.86

3I: Implement Improved Technology/Process. This change order will replace the painted stripe on the SBFR south of RM 150 station 448+25 to 484+80 with buttons under the work zone pay items. These buttons will allow easy removal for the conversion of the SBFR to one way. The removal of buttons for the conversion will be performed as part of another project. This change order also incorporates plan sheets 271A-274A. No additional time is needed.

Adjusted Price = \$6,316,736.61



FM 1626 NORTH

(FM 967 to Brodie Lane)

Project Length: 3.823 Miles

Roadway Classification: Rural Major Collector

Roadway Section: Five-lane Section with Two-Way Left Turn Lane

Structures: Two two-lane bridges with shoulders

Project Schedule: October 2012 - October 2014

Estimated Construction Cost: \$17.2 Million



APRIL 2013 IN REVIEW

- Placed concrete riprap at Abutment 9 and Abutment 1.
- Placed shear keys for Spans 1 through 8.
- Placed headwalls at Culvert E Left.
- Placed deck panels at Spans 1 through 8 on the west side of the bridge.
- Set beams for Spans 1 through 8 on the east side of the bridge.
- Placed headwall and rip rap at Culvert C on the west side of the roadway and at Culvert B on the east side of the roadway.
- Began to place deck panels on Spans 1 through 8 on the east side of the bridge.
- Verizon continued utility relocations on the south end of the project near FM 967, including splicing the new facilities.
- PEC continued utility relocations near McKinnon Loop, placing poles and cable on the west side of the roadway.
- Time Warner Cable continued utility relocations north of Sta 120+00 on the east side of the roadway.



Design Engineer: Jacobs
Contractor: SEMA Construction
Construction Inspection:
RS&H CS

Hays County
Pass Through Financing Program

HNTB



PRIME
STRATEGIES,
INC.

PASS THROUGH FINANCING: FM 1626 North (FM 967 to Brodie Ln)

TxDOT CSJ: 1539-01-005, etc.

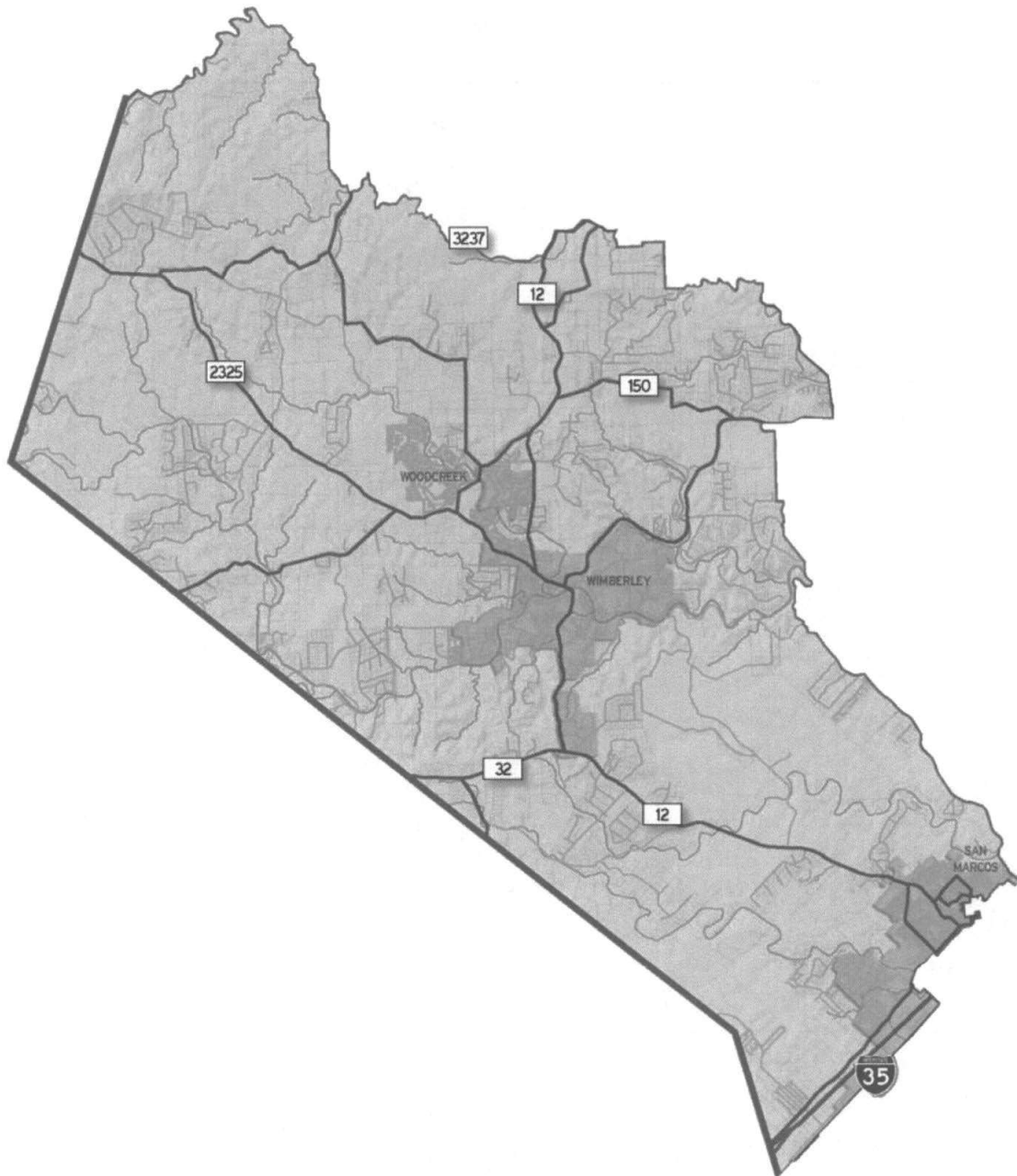
Original Contract Price = \$17,235,782.15

<u>Letting</u>	<u>Award</u>	<u>Notice To Proceed</u>	<u>Begin Work</u>	<u>Substantially Complete</u>	<u>Work Accepted</u>	<u>Total Bid Days</u>	<u>Days Added</u>	<u>Total Days</u>
7/17/2012	7/31/2012	10/24/2012	10/29/2012	TBD	TBD	466	0	466
<u>Invoice Number</u>	<u>Beginning Date</u>	<u>Ending Date</u>	<u>Days Charged</u>	<u>Current Invoice</u>	<u>Invoice Total</u>	<u>% (\$) Used</u>	<u>% Time Used</u>	
1	10/1/2012	10/31/2012	0	\$97,600.00	\$97,600.00	1	0	
2	11/1/2012	11/30/2012	14	\$71,261.56	\$168,861.56	1	3	
3	12/1/2012	12/31/2012	14	\$880,058.70	\$1,048,920.26	6	6	
4	1/1/2013	1/31/2013	18	\$190,380.70	\$1,239,300.96	7	10	
5	2/1/2013	2/28/2013	20	\$604,634.68	\$1,843,935.64	11	14	
6	3/1/2013	3/31/2013	21	\$1,350,776.48	\$3,194,712.12	19	19	
7	4/1/2013	4/30/2013	16	\$526,313.49	\$3,721,025.61	22	22	
Adjusted Price = \$17,235,782.15								

PRECINCT 3

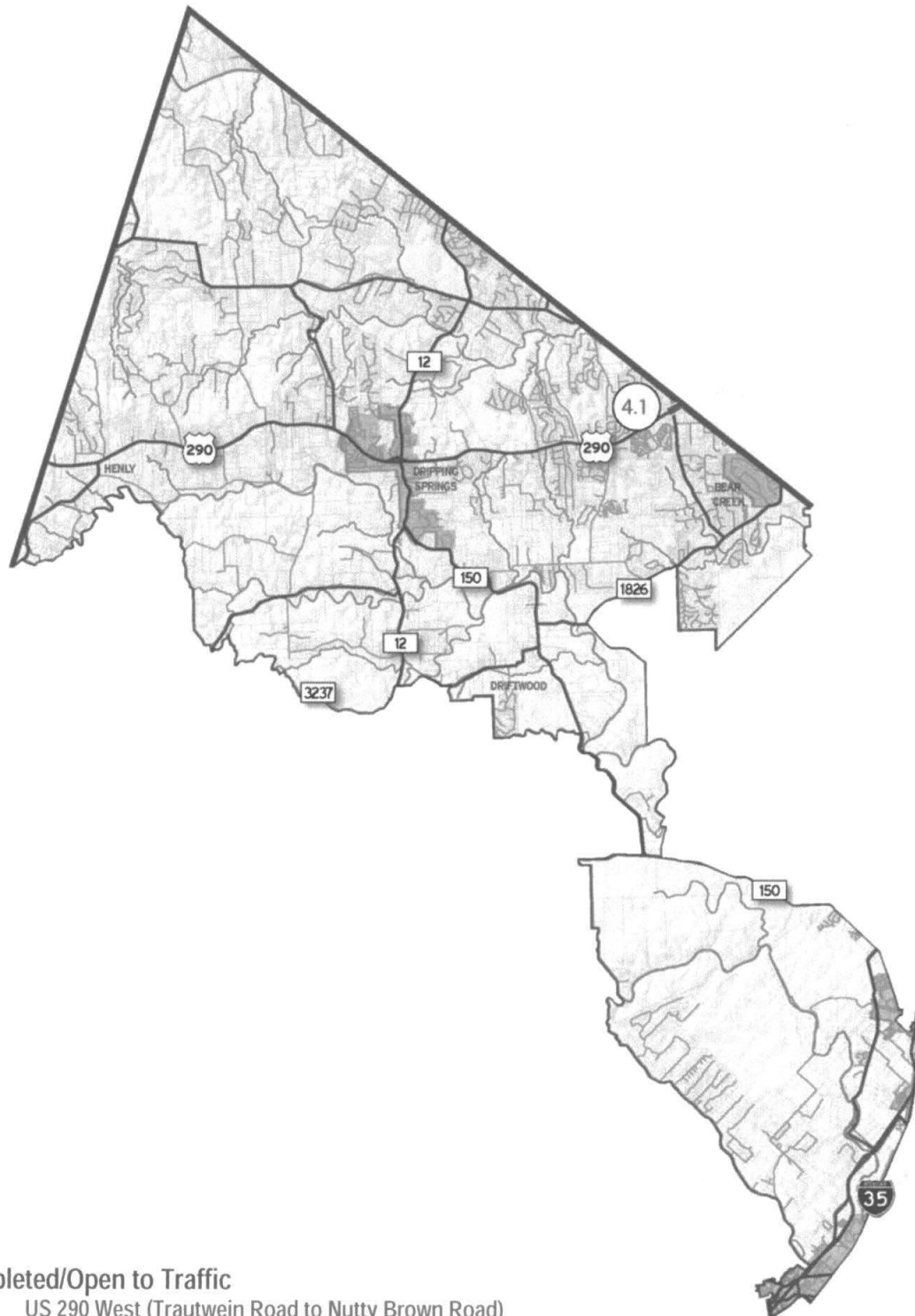
COMMISSIONER CONLEY

No Projects



PRECINCT 4

COMMISSIONER WHISENANT



Completed/Open to Traffic

4.1 US 290 West (Trautwein Road to Nutty Brown Road)