

18

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

July 23, 2013

AMOUNT REQUIRED

LINE ITEM NUMBER

AUDITOR USE ONLY

AUDITOR COMMENTS:

PURCHASING GUIDELINES FOLLOWED: N/A

AUDITOR REVIEW: N/A

REQUESTED BY

SPONSOR

CO-SPONSOR

COBB

N/A

SUMMARY

07 23 13

FILED:

HAYS COUNTY COMMISSIONERS' COURT
Resolution # Road Bond VOL V PG 190



PASS THROUGH FINANCING PROGRAM

Construction Summary Report

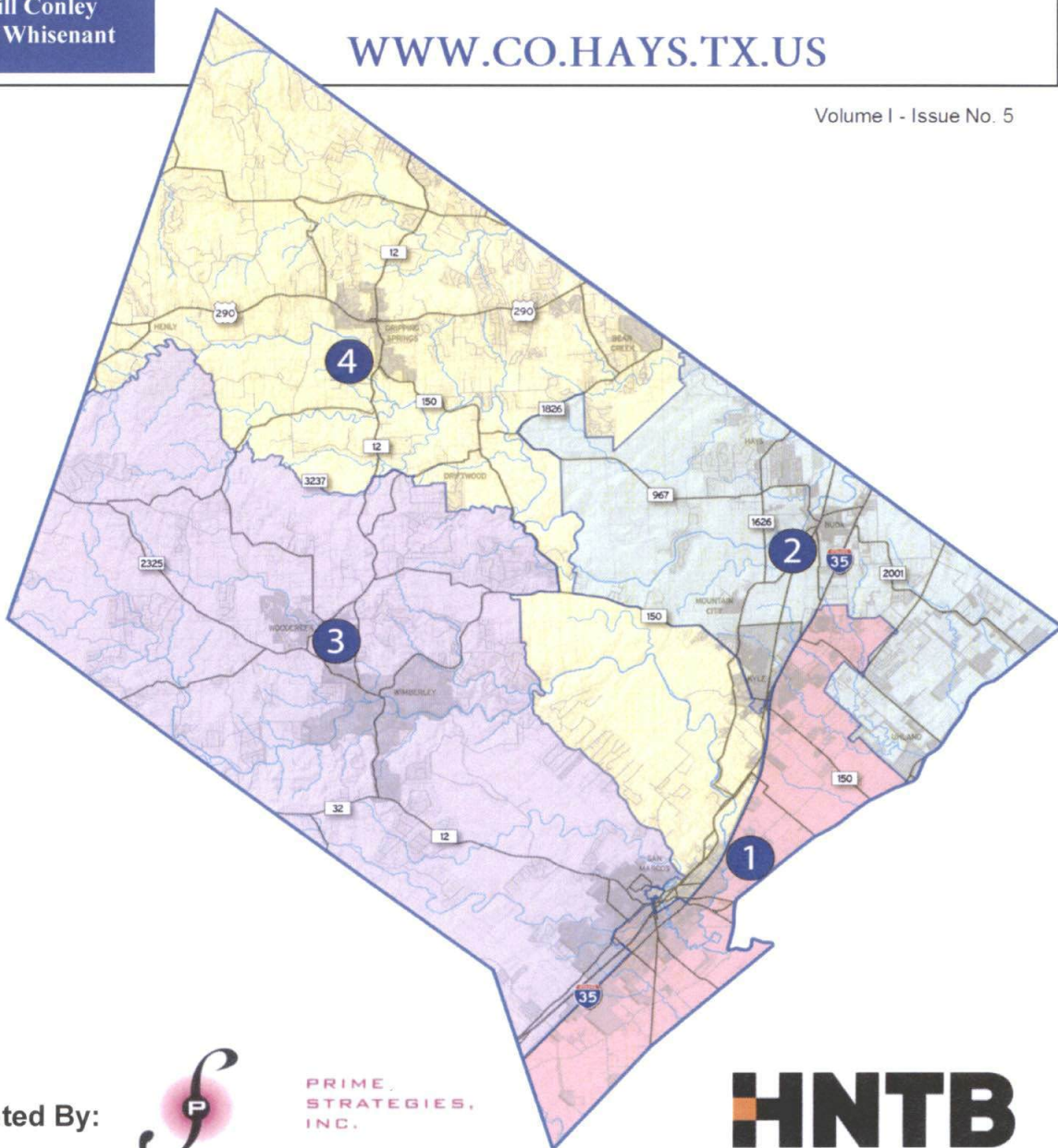
County Judge
Bert Cobb, M.D.

Commissioners
Debbie Ingalsbe
Mark Jones
Will Conley
Ray Whisenant

July 2013

WWW.CO.HAYS.TX.US

Volume I - Issue No. 5



Presented By:



PRIME
STRATEGIES,
INC.

HNTB

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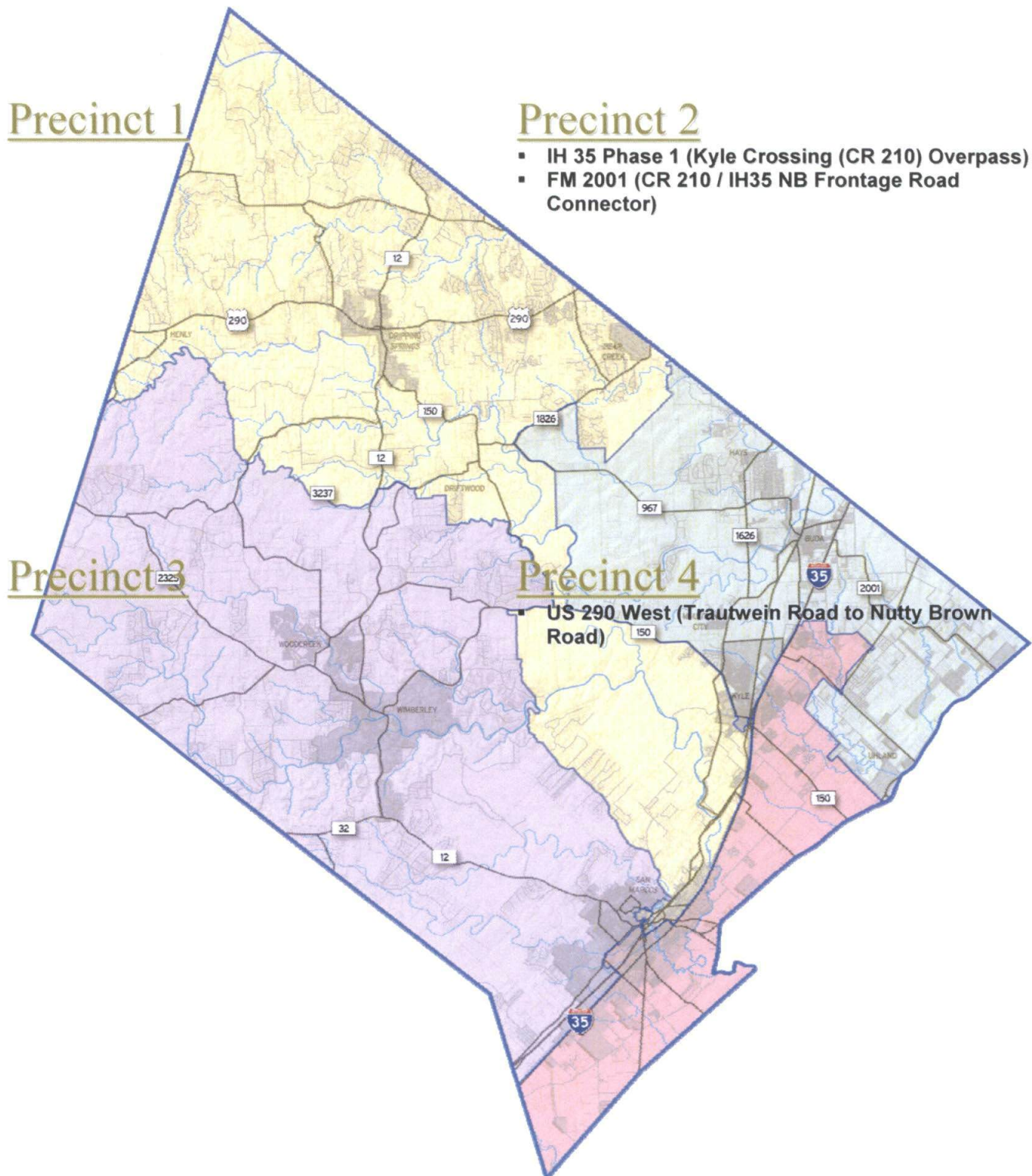
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HAYS COUNTY

PASS THROUGH PROGRAM

COMPLETED PROJECTS

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



HAYS COUNTY

PASS THROUGH PROGRAM

PROJECTS IN DESIGN

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

Precinct 1

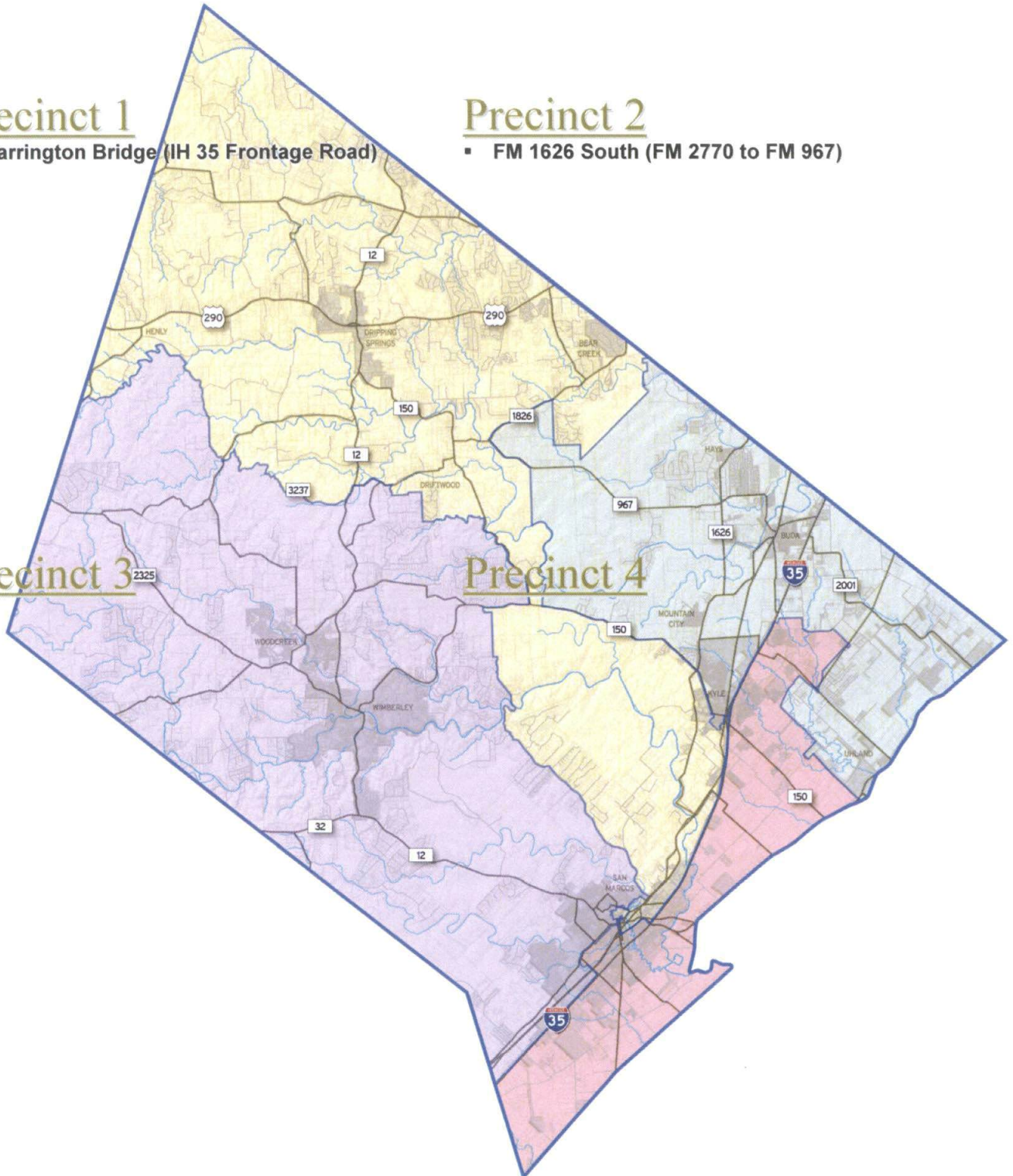
- Yarrington Bridge (IH 35 Frontage Road)

Precinct 2

- FM 1626 South (FM 2770 to FM 967)

Precinct 3

Precinct 4



Yarrington Bridge

(at IH 35)

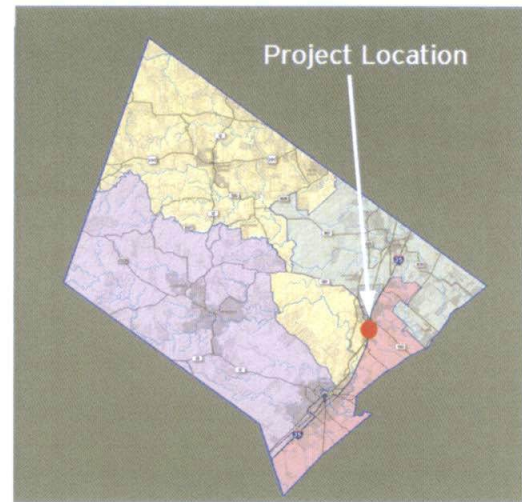
Project Length: 0.408 Miles

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: \$14 Million



- Completed PS&E revisions to address all TxDOT Division comments
- Revised traffic counter plan sheets incorporated into final plans set
- Final mylar submittal sent to TxDOT Division 6/28/2013
- TxDOT revising AFA for project payment from Hays County
- Continued utility coordination with utility companies and cities regarding relocation costs & schedules
- Continued coordination with adjacent property owners for acquisition and possession agreements
- Coordination with TxDOT regarding future proposed driveways on IH 35 Frontage Road and FM 110

Engineer: CP&Y

Construction Inspection: TxDOT

FM 1626 South

(FM 2770 to FM 967)

Project Length: 3.298 Miles

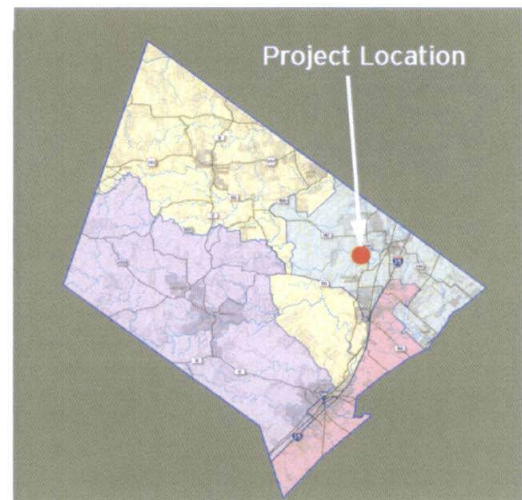
Roadway Classification: Rural Major Collector

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

Structure: One four-lane bridge

Anticipated Letting Date: Spring 2014

Estimated Construction Cost: \$16.3 Million



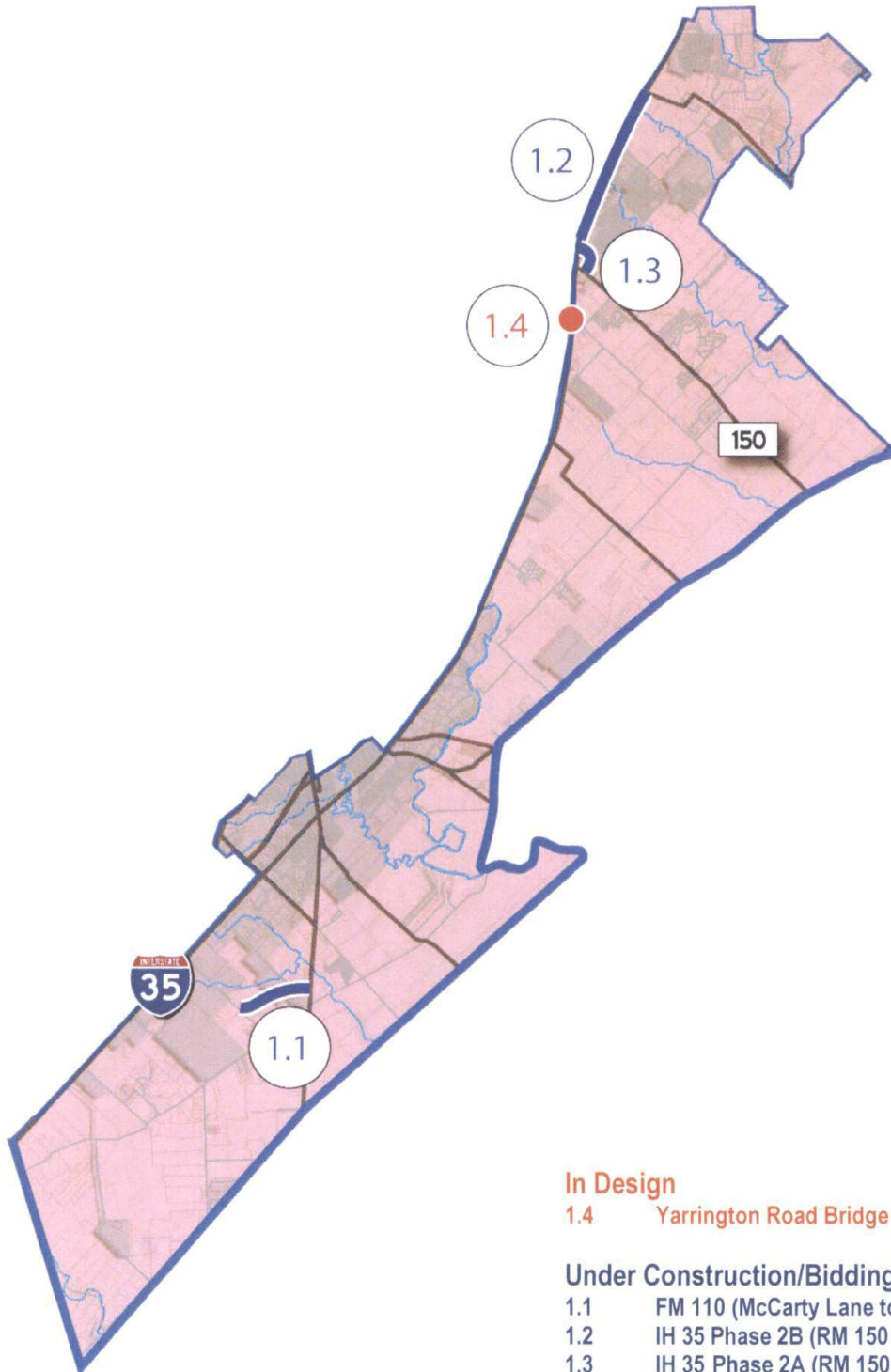
- GEC back-checked revisions to EA in response to FHWA comments and the document is anticipated to be ready for resubmittal when TxDOT completes consultation with USFWS
- Revised Golden-cheeked warbler study completed and submitted to TxDOT on 6/28/13
- WPAP remains under review by TCEQ
- Held 60% TxDOT 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

Engineer: Klotz

Construction Inspection: Raba Kistner

PRECINCT 1

COMMISSIONER INGALSBE

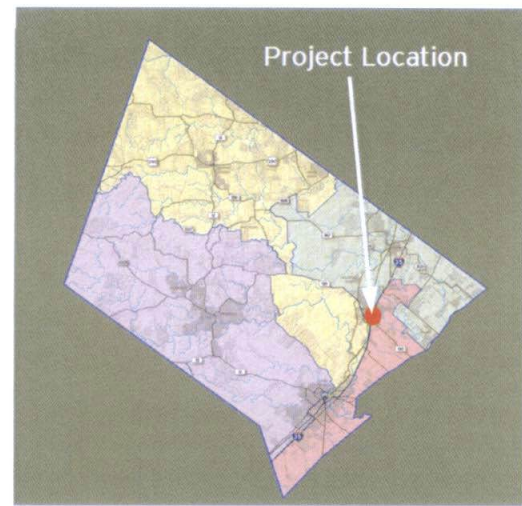


In Design

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



JUNE 2013 IN REVIEW

- Completed installation of handrails along retaining walls and bridges.
- Continued installation of traffic signs and temporary signage for the upcoming traffic switch
- Continued installation of topsoil along the northwest corner of RM 150 and Lehman Road
- Subcontractor ATS activated the new signals at the IH 35 Frontage Road intersection and removed the temporary signals
- Switched traffic from along existing RM 150 East to the new realignment of FM 150 (swinging behind the Dairy Queen)
- Began milling the existing asphalt on eastbound RM 150
- Began installation of storm sewer along existing RM 150 south ROW, runs R18, R19, and R20, along with storm sewer inlets
- Relocated low profile traffic barriers to accommodate the construction area
- Removed metal beam guard fence and concrete rail across the existing RM 150 bridge



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

Hays County
Pass Through Financing Program

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	11/25/2013	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	
9	4/26/2013	5/25/2013	20	\$569,148.09	\$2,744,981.20	78	65	
10	5/26/2013	6/25/2013	21	\$354,774.38	\$3,099,755.58	88	72	

<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.

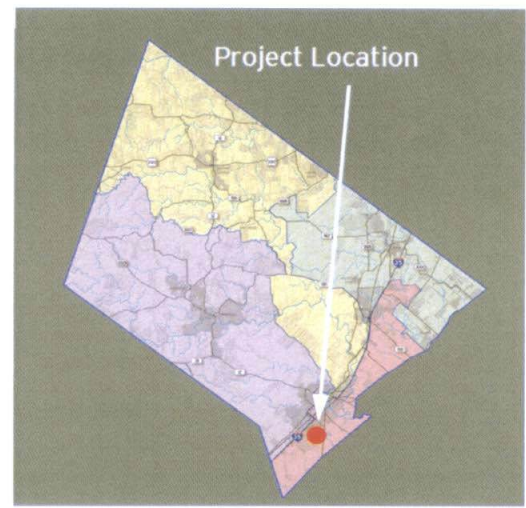
<u>Change Order Number</u>	<u>Approved</u>	<u>Cost This CO</u>	<u>Total COs</u>
03	4/4/2013	\$22,499.00	31,799.68

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



JUNE 2013 IN REVIEW

- Installed top leveling pad & vertical wall drains for Wall W1
- Continued installation of backfill and embankment at of Walls W1, W2 and E1
- Set precast half connectors & poured moment slab on Wall E1
- Completed processing first & second coarse flex base between Sta 92+25 and 127+18 both eastbound & westbound
- Began installation of 2" conduit, set ground boxes and poured concrete aprons for illumination poles
- Excavated, formed, tied reinforcing steel and poured footing of for Wall E2
- Poured concrete for installation of traffic counter foundations
- Installed 20" steel encasement pipe and 12" PVC for Crystal Clear Waterline B
- Completed connectivity tests for San Marcos Waterlines A&B
- Primed finished flex base on the eastbound lanes between Sta 92+25 and 126+50
- Continued to finish flex base on the westbound lanes from Sta 92+25 to 127+00



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

Hays County
Pass Through Financing Program

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

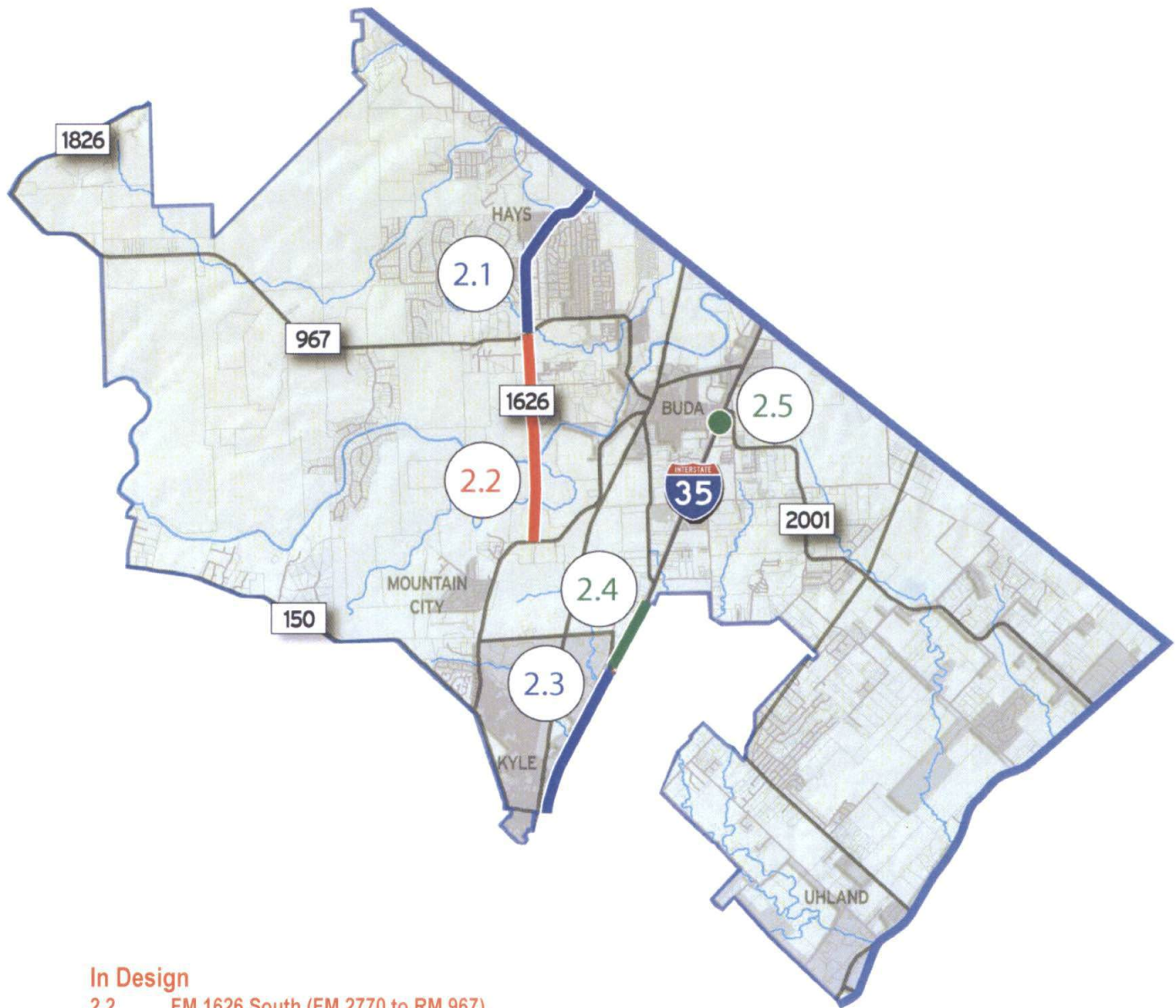
TxDOT CSJ: 3545-02-003

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	
7	4/26/2013	5/25/2013	18	\$334,032.51	\$3,034,115.47	47	54	
8	5/26/2013	6/25/2013	22	\$408,417.63	\$3,442,533.10	53	64	
						Adjusted Price = \$6,493,407.10		

PRECINCT 2

COMMISSIONER JONES



In Design

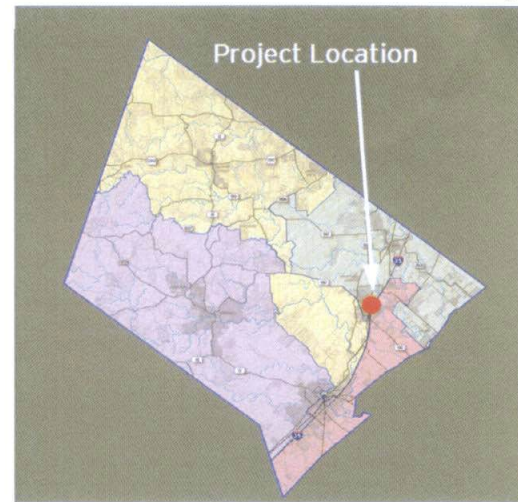
- 2.2 FM 1626 South (FM 2770 to RM 967)

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: \$6.4 Million



JUNE 2013 IN REVIEW

- Continued placement of topsoil along the right roadway of the Southbound Frontage Road between Martinez Loop and Cortez Street
- Completed lime treatment of subgrade along the Southbound Frontage Road between Sta 364+50 and 393+00 left roadway
- Began placing and processing first coarse flex base along the Southbound Frontage Road between Sta 364+50 and 393+00 left roadway
- Completed placement of concrete rip rap
- Continued installation of lime treatment into subgrade at the Business 35 tie-in
- Began installation of flex base material for tie-in connection at Cortez Street
- Began installation of 24" reinforced concrete pipe at Southbound Exit Ramp SBX10



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

Hays County
Pass Through Financing Program

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

Original Contract Price = \$6,298,068.75

Letting	Award	Notice To Proceed	Begin Work	Substantially Complete	Work Accepted	Total Bid Days	Days Added	Total Days
5/3/2012	5/31/2012	7/18/2012	8/13/2012	TBD	TBD	264	0	264
	Invoice Number	Beginning Date	Ending Date	Days Charged	Current Invoice	Invoice Total	% (\$) Used	% Time Used
	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	57	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
	11	4/26/2013	5/25/2013	21	\$185,747.92	\$4,946,294.88	78	77
	12	5/26/2013	6/25/2013	21	\$278,207.22	\$5,224,502.10	82	84
Change Order Number		Approved		Cost This CO		Total COs		
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.

Change Order Number	Approved	Cost This CO	Total COs
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.

Change Order Number	Approved	Cost This CO	Total COs
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.

Change Order Number	Approved	Cost This CO	Total COs
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.

Change Order Number	Approved	Cost This CO	Total COs
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.

Change Order Number	Approved	Cost This CO	Total COs
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.

Change Order Number	Approved	Cost This CO	Total COs
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.

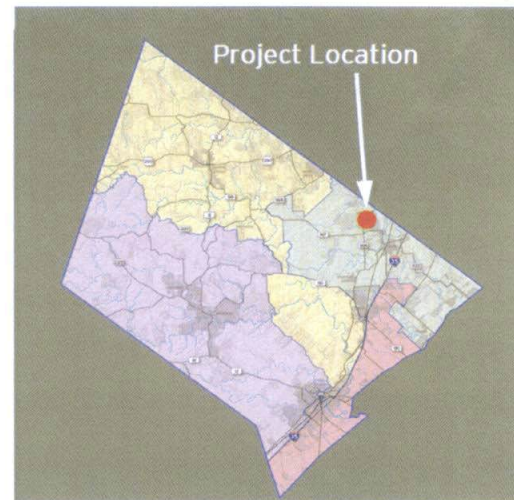
Change Order Number	Approved	Cost This CO	Total COs
08	5/30/2013	23,088.83	41,756.69

1B: Incorrect PS&E (Consultant Design). This change order provides for the use of temporary tabs that were needed for the overlay progress on the NB & SBFR's for overnight striping. This change also includes the use of an additional 209 days of message boards for the notification to the traveling public for traffic conversions. The original plans did not include these added items in the original PS&E and are needed for proper construction progress. No additional time is needed.

Change Order Number	Approved	Cost This CO	Total COs
09	6/12/2013	41,129.61	82,886.30

1C: Design Error of Omission (Other). This change order provides for the installation and removal of MBGF, and the installation of DAT's, due to the one way traffic switch between RM 1626 and RM 150. The MBGF requirements in the original plans were conflicting with the detail sheets. The plans showed to adjust 2,125 LF of MBGF with TAS's and the detail sheets showed the rail to be placed at the new standards with DAT's. Therefore, the adjusted rail now has to be removed and replaced along with the installation of 6 EA DAT's. This plan conflict was not discovered until the MBGF has already been adjusted with the TAS's. No additional time is needed.

Adjusted Price = \$6,380,955.05



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 - December 2014
Estimated Construction Cost: \$17.2 Million



JUNE 2013 IN REVIEW

- Contract time was resumed 6/24/2013
- Continued to repair erosion controls as necessary due to rainfall events
- PEC continued utility relocations in Travis County in preparation for the construction of traffic detour pavement
- Time Warner Cable completed utility relocations north of Jerry's Lane on the east side of the roadway and began relocations in Travis County
- AT&T continued to relocate the telephone pedestals between Lakewood Dr and Big Valley Dr south of the County Line
- SEMA set temporary concrete traffic barrier along the southbound lane for construction of the temporary pavement section north of RM 967
- SEMA began processing subgrade for the temporary pavement widening north of RM 967
- SEMA installed the culvert pipe at Driveway 77
- Subcontractor Austin Traffic Signal installed the temporary traffic signals at the intersection of FM 1626 and RM 967

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

Hays County
Pass Through Financing Program

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

TxDOT CSJ: 1539-01-005, etc.

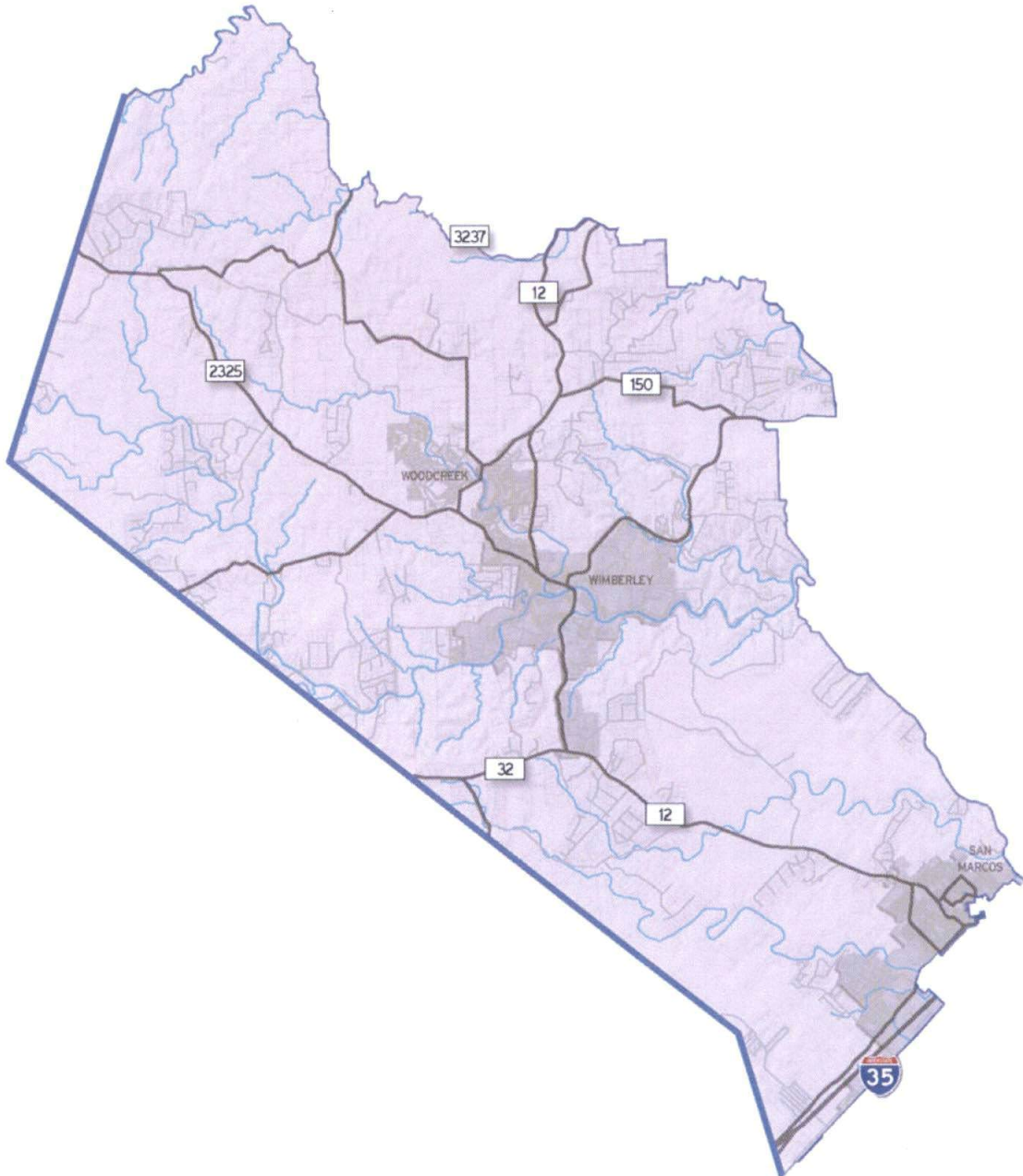
Original Contract Price = \$17,235,782.15

<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	\$608,741.10	\$1,848,042.06	11	14	
6	3/1/2013	3/31/2013	21	\$1,350,776.48	\$3,198,818.54	19	19	
7	4/1/2013	4/30/2013	16	\$526,313.49	\$3,725,132.03	22	22	
8	5/1/2013	5/31/2013	0	\$1,300.00	\$3,726,432.03	22	22	
9	6/1/2013	6/30/2013	5	\$151,994.39	\$3,878,426.42	23	23	
Adjusted Price = \$17,235,782.15								

PRECINCT 3

COMMISSIONER CONLEY

No Projects



PRECINCT 4

COMMISSIONER WHISENANT

