

## ROAD BOND & PASS THROUGH FINANCING

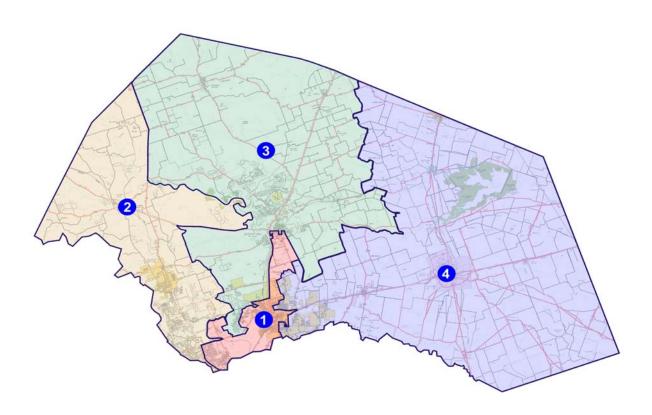
**Construction Summary Report** 

County Judge Dan Gattis

Commissioners Lisa Birkman Cynthia Long Valerie Covey Ron Morrison February 2011

WWW.ROADBOND.ORG

Volume X - Issue No. 2



Presented By:



PRIME STRATEGIES, INC.



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## WILLIAMSON COUNTY ROAD BOND PROGRAM

## COMPLETED PROJECTS

SUBSTANTIAL CONSTRUCTION COMPLETE/OPEN TO TRAFFIC - AS OF JANUARY 2011

### Precinct 1

- Pond Springs Road (signal) July 2002
- McNeil Road, Phase 1 Jan 2005
- McNeil Road, Phase 2 Feb 2007
- Lakeline Blvd July 2007
- RM 620, Phase 1 January 2009
- SE Inner Loop @ FM 1460 November 2009
- CR 111 (Westinghouse Road) June 2010
- Pond Springs Road September 2010

### Precinct 2

- Cedar Hollow at SH 29 (signal) Aug 2002
- FM 1869 at SH 29 (signal) Aug 2002
- County Road 175 June 2003
- River Bend Oaks Aug 2003
- County Road 200 Sept 2003
- Ronald Reagan Blvd, South Ph. 1 Dec 2004
- County Road 214 Feb 2005
- County Road 258 Sept 2006
- San Gabriel Pkwy, Ph. 1 Feb 2007
- Ronald Reagan Blvd North Ph. 1 Sept 2007
- Ronald Reagan Blvd South, Ph. 2 Feb 2008
- US 183 @ San Gabriel Pkwy Feb 2008
- CR 175 Phase 2A Jan 2010
- US 183 @ FM 3405 Traffic Signal Feb 2010
- US 183 @ FM 3405 Left Turn Lanes May 2010
- CR 214 Phase 2A Jan 2011

### Precinct 3

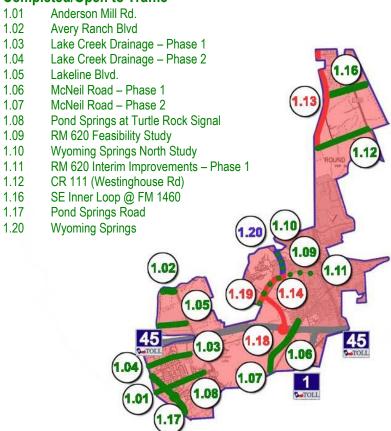
- DB Wood/Cedar Breaks June 2004
- Cedar Breaks Road June 2004
- Georgetown Inner Loop East Extension Aug 2004
- CR 152 Bridge Replacement Sept 2004
- Inner Loop East (CR 151 to Bus 35) Oct 2005
- Ronald Reagan Blvd North, Ph. 2 May 2008
- 12" Water Main Relocation for SH 29 Widening – June 2008
- SH 29 / CR 104, Ph. 1 July 2008
- IH 35 @ SH 29 Turnarounds (Pass Through Financing) – August 2008

### Precinct 4

- Wooden Bridges (CR 390, 406 & 427) Nov 2002
- County Road 412 Aug 2003
- CR 368 & 369 Aug 2003
- County Road 300 Dec 2003
- CR 424 Bridge Replacement Jan 2004
- Chandler Rd. Extension, Ph. 1 March 2005
- County Road 112, Ph. 1 Aug 2005
- County Road 137 Oct 2005
- Limmer Loop, Ph. 1A July 2006
- Chandler Rd, Ph. 2 Dec 2007
- Limmer Loop, Ph. 1B March 2008
- Limmer Loop, Ph. 1C October 2008
- Gattis School Road June 2010
- US 79, Section 5B (Pass Through Financing) August 2010
- Chandler Rd, Ph. 3B October 2010
- US 79, Section 5A (Pass Through Financing) December 2010

## PRECINCT 1 COMMISSIONER BIRKMAN

#### **Completed/Open to Traffic**



#### **Under Construction / Bidding**

1.14 O'Connor Extension

#### In Design

- 1.13 IH-35 Northbound Frontage Rd and Ramps
- 1.18 O'Connor Overpass at SH 45
- 1.19 RM 620: Cornerwood Dr to Wyoming Springs

Project No.	08WC608	`	•	,		(	Original Contr	act Price =	\$5,864,053.94
Letting	<u>Award</u>	Notice To Proceed	Begin Work	Substantially Complete	Work Accepted		Total Bid Days	<u>Days</u> <u>Added</u>	Total Days
4/2/2008	4/15/2008	6/6/2008	6/16/2008	6/16/2010			730	60	790
Invoice	Beginning	Ending	Days	Current	Invoice	Current	<u>Total</u>	<u>% (\$)</u>	% Time
Number	Date	Date	Charged	Invoice	<u>Total</u>	Retainage	Retainage	Used	Used
1	6/16/2008	6/30/2008	15	\$273,125.71	\$273,125.71	\$14,375.04	\$14,375.04	5	2
2	7/1/2008	7/31/2008	31	\$690,458.44	\$963,584.15	\$36,339.92	\$50,714.96	17	6
3	8/1/2008	8/31/2008	31	\$405,777.61	\$1,369,361.76	\$21,356.71	\$72,071.67	25	10
4	9/1/2008	9/30/2008	30	\$410,275.17	\$1,779,636.93	\$21,593.43	\$93,665.10	31	14
5	10/1/2008	10/31/2008	31	\$170,855.60	\$1,950,492.53	\$8,992.40	\$102,657.50	34	17
6	11/1/2008	11/30/2008	30	\$328,636.79	\$2,279,129.32	\$17,296.67	\$119,954.17	40	21
7	12/1/2008	12/31/2008	31	\$183,573.77	\$2,462,703.09	\$9,661.78	\$129,615.95	43	25
8	1/1/2009	1/31/2009	31	\$85,656.15	\$2,548,359.24	\$4,508.22	\$134,124.17	45	29
9	2/1/2009	2/28/2009	28	\$199,204.04	\$2,747,563.28	\$10,484.42	\$144,608.59	48	33
10	3/1/2009	3/31/2009	31	\$148,110.31	\$2,895,673.59	\$7,795.28	\$152,403.87	51	37
11	4/1/2009	4/30/2009	30	\$516,671.71	\$3,412,345.30	\$27,193.25	\$179,597.12	60	40
12	5/1/2009	5/31/2009	31	\$226,555.61	\$3,638,900.91	\$11,923.98	\$191,521.10	65	44
13	6/1/2009	6/30/2009	30	\$249,244.85	\$3,888,145.76	\$13,118.15	\$204,639.25	69	48
14	7/1/2009	7/31/2009	31	\$332,593.17	\$4,220,738.93	\$17,504.90	\$222,144.15	75	52
15	8/1/2009	8/31/2009	31	\$245,723.19	\$4,466,462.12	\$12,932.80	\$235,076.95	79	56
16	9/1/2009	9/30/2009	23	\$296,925.12	\$4,763,387.24	\$15,627.64	\$250,704.59	84	59
17	10/1/2009	10/31/2009	14	\$135,901.82	\$4,899,289.06	\$7,152.73	\$257,857.32	78	61
18	11/1/2009	11/30/2009	30	\$144,217.19	\$5,043,506.25	\$7,590.38	\$265,447.70	80	64
19	12/1/2009	12/31/2009	31	\$77,935.90	\$5,121,442.15	\$4,101.89	\$269,549.59	81	68
20	1/1/2010	1/31/2010	31	\$54,006.73	\$5,175,448.88	\$2,842.46	\$272,392.05	82	72
21	2/1/2010	2/28/2010	28	\$7,264.88	\$5,182,713.76	\$382.36	\$272,774.41	82	76
22	3/1/2010	3/31/2010	31	\$178,526.02	\$5,361,239.78	\$9,396.11	\$282,170.52	85	80
23	4/1/2010	4/30/2010	30	\$722,864.30	\$6,084,104.08	\$38,045.48	\$320,216.00	97	84
24	5/1/2010	5/31/2010	31	\$31,296.10	\$6,115,400.18	\$1,647.17	\$321,863.17	97	87
25	6/1/2010	6/30/2010	16	\$215,437.16	\$6,330,837.34	-\$192,662.41	\$129,200.76	97	89
26	7/1/2010	8/31/2010	N/A	\$16,903.14	\$6,347,740.48	\$344.96	\$129,545.72	97	-

1/28/2011 Comments - Substantial Completion has been issued and the Ribbon Cutting Ceremony was held on 5/26/2010. JC Evans has completed the final punchlist items and another walk-through was held with the City of Georgetown. A meeting with the City is being rescheduled to discuss clear zone and speed limit. JC Evans completed some additional punchlist items added by the City of Georgetown.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 01
 9/23/2008
 6,660.00
 6,660.00

4D: Third Party Accommodation. Other. The Contractor installed permanent fencing along the ROW per an agreement made with the Property owner of Parcel 21 (NNP-Tera Vista. LP) and Williamson County prior to construction. The Contractor was also directed to install temporary fencing on Parcel 3 to keep the property owner's cows off of the ROW.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 02
 10/7/2008
 100,144.67
 106,804.67

6B: Untimely ROW/Utilities. Right-of-Way not clear (County responsibility for ROW). The property owner agreed to donate the ROW in exchange for the work associated with this Change Order: the installation of steel sleeve encasements for future utilities, the upgrade of existing driveways, and the addition of new driveways.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 03
 3/10/2009
 42,796.26
 149,600.93

3F: County Convenience. Additional work desired by the County. An additional turn lane/median opening and a street stub-out is being added at the TeraVista Track. 1B: Design Error or Omission. Other. Erosion control items are being added that were left out of the original plan sheets. These items include topsoil, seeding, and rip rap for the median noses in all of the proposed median islands.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 04
 3/30/2009
 2,760.00
 152,360.93

2J: Differing Site Conditions (unforeseeable). Other. In order to complete the driveway installation at sta. 77+50, it was necessary to remove an existing entrance with gates. This change order accounts for costs incurred by the Contract to replace the entrance.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 05
 4/3/2009
 -92,636.54
 59,724.39

5B: Contractor Convenience. Contractor requested change in the sequence and/or method of work. 3H: County Convenience. Cost savings opportunity discovered during construction. After additional testing on the existing subgrade, it was determined that the lime treatment original specified was not necessary. With the Engineer's and the County's concurrence, the Contractor opted to undercut the existing subgrade by 8 inches and placed flex base in lieu of the 8 inches of lime treated subgrade.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 06
 5/8/2009
 16,730.56
 76,454.95

4B: Third Party Accommodation. Third party requested work: The Developer requested the installation of additional driveways and gates on the Madison Property. The Developer has submitted payment to Williamson County.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 07
 5/8/2009
 2,400.00
 78,854.95

2G: Differing Site Conditions. Unadjusted Utility. The Contractor relocated an existing Flush Valve Hydrant that was in conflict with the proposed rip rap slope on the NW corner of Park Central Drive.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 08
 10/20/2009
 686,352.92
 765,207.87

3F: County Convenience. Additional work desired by the County. This Change Order accounts for additional costs associated with widening and realigning the FM 1460 Intersection at Westinghouse Rd. Sixty (60) days were added to the Contract schedule.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 09
 3/4/2010
 5,000.00
 770,207.87

3E: County Convenience. Reduction of future maintenance. This Change Order accounts for costs associated with the constructions of an underdrain from the median nose just east of Park Central to the south side of the roadway, including a tie-in to the storm drain system.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 10
 6/23/2010
 2,696.75
 772,904.62

4B: Third Party Accommodation. Third party requested work. This change order provides payment for additional work by the Contractor to build a new driveway at Sta 58+50. The County has agreed to build a dirt driveway and construct a curb cut, while the property owner will be responsible for placing base on the driveway.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 11
 8/18/2010
 1,510.00
 774,414.62

2C: Differing Site Conditions (unforeseeable). New development (conditions changing after PS&E completed). This change order provides payment for additional work by the Contractor to install a 6-strand barbed wire fence at the ROW boundary across the new driveway at Sta 66+00 EB.

Adjusted Price = \$6,638,468.56

#### S.E. Inner Loop @ FM 1460

Project No.	09WC708			Original Contr	\$889,492.48				
<u>Letting</u>	Award	Notice To Proceed	Begin Work	Substantially Complete	Work Accepted		Total Bid Days	<u>Days</u> <u>Added</u>	Total Days
3/25/2009	4/21/2009	5/22/2009	6/1/2009	11/5/2009			163	0	163
Invoice	Beginning	Ending	Days	Current	Invoice	Current	<u>Total</u>	% (\$)	% Time
Number	Date	Date	Charged	Invoice	Total	Retainage	Retainage	Used	Used
1	6/1/2009	6/30/2009	30	\$102,851.51	\$102,851.51	\$11,427.95	\$11,427.95	13	18
2	7/1/2009	7/31/2009	31	\$79,130.70	\$181,982.21	\$8,792.30	\$20,220.25	23	37
3	8/1/2009	8/31/2009	31	\$161,496.94	\$343,479.15	\$17,944.10	\$38,164.35	43	56
4	9/1/2009	9/30/2009	30	\$178,603.64	\$522,082.79	\$19,844.85	\$58,009.20	65	75
5	10/1/2009	10/31/2009	31	\$302,954.22	\$825,037.01	-\$41,171.71	\$16,837.49	95	94
6	11/1/2009	11/30/2009	5	\$40,139.30	\$865,176.31	\$819.17	\$17,656.66	99	97

1/28/2011 Comments - JO'B Site Construction has gone out of business and defaulted on the remaining punch list work items. GEC is coordinating with Williamson County, who is corresponding with the bonding company.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 01
 10/27/2009
 -77.88
 -77.88

2G: Differing Site Conditions. Unadjusted utility (unforeseeable): The plans originally called for 3-inch PVC Conduit. However, the proposed 3-inch PVC Conduit will not fit into the electrical service and, at the Contractor's request, is being revised to 2-inch PVC Conduit.

Adjusted Price = \$889,414.60

•	. 09WC710						Original Contra		\$3,167,595.0
Letting	<u>Award</u>	Notice To Proceed	<u>Begin</u> Work	Substantially Complete	Work Accepted		<u>Total Bid</u> Days	<u>Days</u> Added	<u>Total</u> Days
		110000	<u> </u>	<u> </u>	recepted		<u> 24,5</u>	114404	<u> 24,5</u>
5/6/2009	5/12/2009	6/3/2009	6/12/2009	9/23/2010			150	319	469
Invoice	Beginning	Ending	Days	Current	Invoice	Current	<u>Total</u>	<u>% (\$)</u>	% Time
Number	Date	Date	Charged	Invoice	<u>Total</u>	Retainage	Retainage	Used	Used
1	6/24/2009	6/30/2009	7	\$152,121.44	\$152,121.44	\$16,902.38	\$16,902.38	5	1
2	7/1/2009	7/31/2009	31	\$214,799.85	\$366,921.29	\$23,866.65	\$40,769.03	13	8
3	8/1/2009	8/31/2009	31	\$218,310.42	\$585,231.71	\$24,256.72	\$65,025.75	20	15
4	9/1/2009	9/30/2009	30	\$185,674.01	\$770,905.72	\$20,630.44	\$85,656.19	27	21
5	10/1/2009	10/31/2009	31	\$77,230.62	\$848,136.34	\$8,581.18	\$94,237.37	29	28
6	11/1/2009	11/30/2009	30	\$235,853.77	\$1,083,990.11	\$26,205.98	\$120,443.35	38	34
7	12/1/2009	12/31/2009	31	\$231,299.76	\$1,315,289.87	\$25,699.97	\$146,143.32	46	41
8	1/1/2010	1/31/2010	31	\$145,428.65	\$1,460,718.52	\$16,158.74	\$162,302.06	50	47
9	2/1/2010	2/28/2010	28	\$91,170.25	\$1,551,888.77	\$10,130.03	\$172,432.09	53	53
10	3/1/2010	3/31/2010	31	\$331,511.39	\$1,883,400.16	-\$73,305.77	\$99,126.32	61	60
11	4/1/2010	4/30/2010	30	\$472,627.27	\$2,356,027.43	\$24,875.12	\$124,001.44	75	66
12	5/1/2010	5/31/2010	31	\$144,603.16	\$2,500,630.59	\$7,610.60	\$131,612.04	79	73
13	6/1/2010	6/30/2010	30	\$103,047.28	\$2,603,677.87	\$5,423.64	\$137,035.68	72	79
14	7/1/2010	7/31/2010	31	\$527,507.50	\$3,131,185.37	\$27,763.55	\$164,799.23	84	86
15	8/1/2010	8/31/2010	31	\$194,913.06	\$3,326,098.43	\$10,258.58	\$175,057.81	89	93
16	9/1/2010	9/30/2010	23	\$75,726.95	\$3,401,825.38	\$3,985.63	\$179,043.44	91	97
17	10/1/2010	10/31/2010	N/A	\$130,536.78	\$3,532,362.16	-\$106,954.42	\$72,089.02	92	-
18	11/1/2010	11/30/2010	N/A	\$52,064.59	\$3,584,426.75	\$1,062.55	\$73,151.57	93	-
19	12/1/2010	12/31/2010	N/A	\$29,595.34	\$3,614,022.09	\$603.98	\$73,755.55	94	-
/28/2011	Comments -	Substantial Cor	nnletion has h	een issued and the	e Ribbon Cutting	Ceremony was h	eld on 8/6/2010	RGM is nearing	ng completion of
/20/2011	Comments -				s rewiring the Tur	•			
					t items added by t		tion to address C	OA puncinist i	tenis. The GEC
		and COA conti	nuc to discuss	the imai punemis	it items added by	ine COA.			
inge Order	Number		Approved			Cost This CO			Total COs
01 7/23 A: Design Error or Omission. Incorrect PS&E. This						15,313.65			15,313.65

 Change Order Number
 Approved
 Cost This CO
 Total COs

 02
 9/11/2009
 2,869.98
 18,183.63

4C: Third Party Accommodation. Compliance requirements of new laws and/or policies (impacting third party). Per City of Austin specs, prior to any work beginning, the contractor has to place message boards at the project limits to inform public of road construction. This change order is for the message board rental.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 03
 9/11/2009
 15,000.00
 33,183.63

6D: Untimely ROW/Utilities. Other. Contractor has damaged unmarked utilities while constructing the roadway. This change order is for the repair of all damaged utilities that were unmarked by utility locators.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 04
 9/22/2009
 111,840.00
 145,023.63

1A: Design Error or Omission. Incorrect PS&E. An incorrect quantity for rip-rap was given on the bid set of plans. Since then a revised quantity has been added to the plans.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 05
 10/27/2009
 9,428.82
 154,452.45

1A: Design Error or Omission. Incorrect PS&E. Original plan and profile sheets show a Type H inlet to be installed but the PS&E did not include a line item for payment of this work. This change order accounts for all work associated with the installation of the inlet. Two (2) days were added to the Contract schedule.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 06
 12/4/2009
 4,296.00
 158,748.45

2G: Differing Site Conditions. Unadjusted utility (unforeseeable). In order to avoid existing and unadjusted utilities, the contractor utilized pre-fabbed pipe fittings (such as 45° and 30° angle fittings) which were not a part of the original bid documents.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 07
 12/3/2009
 (4,019.95)
 154,728.50

4B: Third Party Accommodation. Third party requested work. Due to driveway slopes and culvert coverage issues, City of Austin requested that the driveway pavement design be re-worked with a more flexible material. Fifteen (15) days were added to the Contract schedule.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 08
 12/3/2009
 14,250.00
 168,978.50

2J: Differing Site Conditions. Other. Soil Retention blankets were not included the original plans. The Design Engineer has since reevaluated their necessity and has added the blankets to reduce erosion and minimize long-term maintenance issues. This change order is for the installation of soil retention blankets throughout the project.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 09
 12/8/2009
 189.547.62
 358.526.12

2G: Differing Site Conditions. Unadjusted utility (unforeseeable). 4B: Third Party Accommodation. Third party requested work. In order to complete the project, the contractor will need to adjust and/or relocate existing City of Austin utilities in and outside the proposed roadway pavement section. The City of Austin will reimburse the County in full for the final quantities of this work.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 10
 12/3/2009
 18,800.00
 377,326.12

1A: Design Error or Omission. Incorrect PS&E. 4D: Third Party Accommodation. Other. 2J: Differing Site Conditions. Other. Due to design issues, unexpected/differing site conditions, and a lengthy City of Austin review process regarding driveways, culverts, and side streets, one hundred three (103) additional days are being added to the Contract schedule to account for the delay to the Contractor.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 11
 6/15/2010
 68,992.95
 446,319.07

2G: Differing Site Conditions. Unadjusted utility (unforeseeable). Due to locations of existing COA utilities, the 5x2 box culvert had to be relocated under the pavement of the southbound lane of Pond Springs. Lane closures will be needed and will reduce production due to time restrictions of road work. 4B: Third Party Accommodation. Third party requested work. In order for COA to approve the relocation of the 5x2 box, they required a concrete trench cap be placed over the two (2) water line crossings. One hundred thirty (130) days were added to the Contract schedule.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 12
 2/16/2010
 2,196.50
 448.515.57

1A: Design Error or Omission. Incorrect PS&E. Due to the Advance Landscape Design driveway slope being out of spec, gate adjustments are needed in order to construct a driveway past the ROW limit to meet City requirements.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 13
 4/19/2010
 21,193.00
 469,708.57

2E: Differing Site Conditions. Miscellaneous difference in site conditions (unforeseeable). Due to miscellaneous differences in site conditions, plans have been revised and altered in the field thus creating the need to overrun existing bid items.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 14
 4/19/2010
 13.561.87
 483.270.44

1A: Design Error or Omission. Incorrect PS&E. Due to field conditions not matching the plans, the design engineer revised two driveway culvert crossings utilizing items that were not in the original plan set. The Engineer also added in the quantities for the missing pedestrian signal foundations at the Hunters Chase intersection. Two (2) days were added to the Contract schedule.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 15
 5/3/2010
 21.485.46
 504.755.90

1A: Design Error or Omission. Incorrect PS&E. This change order adds asphalt repair and transition/surface milling on the north end of the project to accelerate the opening of Pond Springs to traffic from Anderson Mill Road north to the US 183 Frontage Road. This additional work is needed in order to complete the project and is a new item not included in the original bid set of plans. Additional asphalt testing will be required due to the asphalt repair work. Two (2) days were added to the Contract schedule.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 16
 5/17/2010
 23,354.76
 528,110.66

1A: Design Error or Omission. Incorrect PS&E. Plan revisions added new types of railing that were not in the original contract. This change order will cover the installation of the new railing & transitions and the removal & disposal of the existing guardrail where it will not be reinstalled. Seven (7) days were added to the Contract schedule.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 17
 5/17/2010
 20,119.26
 548,229.92

1A: Design Error or Omission. Incorrect PS&E. Transition milling is needed in order to complete the project. This item was not in the original bid set of plans and will be added. The transition milling will be at all tie-ins throughout the remainder of the project south of Anderson Mill Road. Two (2) days were added to the Contract schedule.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 18
 6/18/2010
 6,567.55
 554,797.47

1A: Design Error or Omission. Incorrect PS&E. The original size of the proposed culvert (30") under Roxie Dr. could not be installed due to the existing elevation of the intersection. In order to install the cross drainage and minimize the amount that the roadway will have to be built up, the culvert size was revised to two 24" pipes and cement stabilized backfill material will be used in the trench to speed the construction. One (1) day was added to the Contract schedule.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 19
 6/18/2010
 64.437.41
 619.234.88

1A: Design Error or Omission. Incorrect PS&E. The headwalls (heights) that were bid on for the project's three main culverts differ from the heights shown on the culvert layout sheets as well as what was constructed in the field. This change order covers the construction of the headwall's actual height at the upstream and downstream end of each culvert. In addition, to construct the new widened roadway over the southwest corner of Culvert #2, the upstream headwall had to be lengthened, including drilling piers and additional traffic control. Five (5) days were added to the Contract schedule.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 20
 7/19/2010
 77,000.00
 696,234.88

2A: Differing Site Conditions. Dispute Resolution (expense caused by conditions and/or resulting delay). Due to various delays, the project has been extended by 269 calendar days. The paving subcontractor is no longer able to procure asphalt at the Contract Unit Price. This Change Order partially compensates the Contractor for asphalt price escalation.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 21
 10/4/2010
 6,470.36
 702,705.24

1A: Design Error or Omission. Incorrect PS&E. An additional retaining wall was needed to stabilize the proposed sidewalk near Culvert #2 due to the near vertical drop-off. 2G: Differing Site Conditions. Unadjusted utility (unforeseeable). To complete driveway construction, two new traffic bearing water valve boxes will need to be installed. 2E: Differing Site Conditions. Miscellaneous difference in site conditions (unforeseeable)(Item 9). Installation of a new drainage pipe with concrete ends to tie into the improved roadway drainage ditch. This resolves the drainage issue caused by the new roadway cross-slope and the extension of the Neff Rental driveway (to address the slope issues). Thirteen (13) days were added to the Contract.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 22
 11/2/2010
 58,327.13
 761,032.37

2A: Differing Site Conditions. Dispute resolution (expense caused by conditions and/or resulting delay). Three redesigned driveways to the McCarty Corporation will be constructed at lower slopes and curb cuts will be installed along new curb & gutter to help drainage on the Pond Springs Business Park property. 2I. Differing Site Conditions: Additional safety needs (unforeseeable). Additional pavement markers need to be installed at specified driveways to separate driveways visually from the adjacent rip rap. Thirty-seven (37) days were added to the Contract.

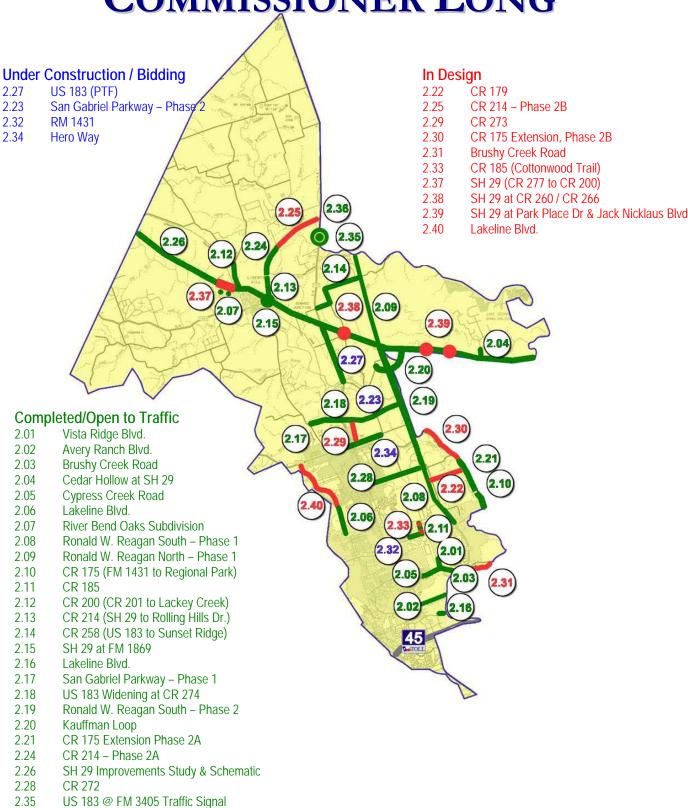
 Change Order Number
 Approved
 Cost This CO
 Total COs

 23
 1/16/2011
 4,099.33
 765,131.70

2E: Differing Site Conditions. Miscellaneous difference in site conditions (unforeseeable)(Item 9). The original contract called out for fifty-five trees to be removed for sidewalk and slope construction. To save as many trees as possible, the contractor was able to prune and save forty-two trees, leaving only thirteen trees needing to be removed. Also, a short section of original handrail will be relocated due to a change in field conditions. 2I: Differing Site Conditions. Additional safety needs (unforeseeable). The original handrail does not meet ADA requirements for ramp applications. Therefore, an approved handrail has been added and will be installed to meet ADA requirements on a ramp section as required by the ADA Inspector.

Adjusted Price = \$3,932,726.75

# PRECINCT 2 COMMISSIONER LONG



2.36

US 183 @ FM 3405 Left Turn Lanes

Letting	Award	Notice To	<u>Begin</u>		Work		Total Bid	Days	Total
	Awaru	Proceed	Work	Work Complete	Accepted		<u>Days</u>	Added	<u>Days</u>
8/17/2005	9/27/2005	1/13/2006	1/23/2006	9/17/2008			540	212	752
Invoice	Beginning	Ending	Days	Current	Invoice	Current	<u>Total</u>	<u>% (\$)</u>	% Time
Number	Date	Date	Charged	Invoice	<u>Total</u>	Retainage	Retainage	Used	Used
1	11/1/2005	11/30/2005	0	\$74,925.00	\$74,925.00	\$8,325.00	\$8,325.00	1	0
2	12/1/2005	12/31/2005	0	\$103,696.20	\$178,621.20	\$11,521.80	\$19,846.80	1	0
3	1/1/2006	1/31/2006	9	\$750,735.00	\$929,356.20	\$83,415.00	\$103,261.80	7	1
4	2/1/2006	2/28/2006	28	\$444,184.20	\$1,373,540.40	\$49,353.80	\$152,615.60	11	5
5	3/1/2006	3/31/2006	31	\$291,523.10	\$1,665,063.50	\$32,391.46	\$185,007.06	13	9
6	4/1/2006	4/30/2006	30	\$399,662.07	\$2,064,725.57	\$44,406.89	\$229,413.95	17	13
7	5/1/2006	5/31/2006	31	\$655,292.34	\$2,720,017.91	\$72,810.26	\$302,224.21	22	17
8	6/1/2006	6/30/2006	30	\$455,018.26	\$3,175,036.17	\$50,557.59	\$352,781.80	25	21
9	7/1/2006	7/31/2006	31	\$40,437.00	\$3,215,473.17	\$4,493.00	\$357,274.80	26	25
10	8/1/2006	8/31/2006	31	\$285,902.35	\$3,501,375.52	\$31,766.92	\$389,041.72	27	29
11	9/1/2006	9/30/2006	30	\$528,814.84	\$4,030,190.36	\$58,757.21	\$447,798.93	32	33
12	10/1/2006	10/31/2006	31	\$311,641.77	\$4,341,832.13	\$34,626.86	\$482,425.79	34	38
13	11/1/2006	11/30/2006	30	\$478,315.80	\$4,820,147.93	\$53,146.20	\$535,571.99	38	41
14	12/1/2006	3/31/2007	121	\$1,317,936.47	\$6,138,084.40	\$146,437.39	\$682,009.38	48	58
15	4/1/2007	4/30/2007	31	\$447,058.65	\$6,585,143.05	\$49,673.18	\$731,682.56	51	62
16	5/1/2007	5/31/2007	23	\$250,755.70	\$6,835,898.75	\$27,861.77	\$759,544.33	53	65
17	6/1/2007	7/31/2007	14	\$892,102.41	\$7,728,001.16	\$99,122.49	\$858,666.82	60	67
18	8/1/2007	8/31/2007	31	\$625,810.47	\$8,353,811.63	\$69,534.49	\$928,201.31	65	71
19	9/1/2007	9/30/2007	30	\$804,499.07	\$9,158,310.70	\$89,388.79		71	75 70
20	10/1/2007	10/31/2007	31	\$1,258,832.28	\$10,417,142.98	-\$469,076.61	\$548,513.49	77	79
21	11/1/2007	11/30/2007	30	\$785,594.47	\$11,202,737.45	\$41,347.08	\$589,860.57	83	83
22	12/1/2007	12/31/2007	31	\$453,813.77	\$11,656,551.22	\$23,884.94	\$613,745.51	86	87
23	1/1/2008	1/31/2008	31	\$701,577.47	\$12,358,128.69	\$36,925.13	\$650,670.64	91	91
24	2/1/2008	2/29/2008	13	\$789,217.12	\$13,147,345.81	-\$381,980.87	\$268,689.77	94	93
25	3/1/2008	3/31/2008	16	\$168,372.53	\$13,315,718.34	\$3,436.18	\$272,125.95	95	95
26	4/1/2008	5/31/2008	N/A	\$123,532.38	\$13,439,250.72	\$2,521.06	\$274,647.01	96	-
27	6/1/2008	6/30/2008	n/a	\$158,393.86	\$13,597,644.58	\$3,232.53	\$277,879.54	97	-
		8/31/2009	n/a	\$246,514.59	\$13,844,159.17	\$5,030.91	\$282,910.45	99	-
28	7/1/2009		,	00.45 465.05	01400160650	Ø1.41.22.4.5.6	01.11 COF OO	100	
29	9/1/2009	9/30/2009	n/a	\$247,467.35	\$14,091,626.52	-\$141,224.56	\$141,685.89	100	-
			n/a n/a n/a	\$247,467.35 \$174,653.12 \$15,975.00	\$14,091,626.52 \$14,266,279.64 \$14,282,254.64	-\$141,224.56 -\$125,358.86 \$0.00	\$141,685.89 \$16,327.03 \$16,327.03	100 100 100	- - -
29 30 31	9/1/2009 11/1/2009	9/30/2009 12/3/2009 1/31/2010 The Contractor	n/a n/a is continuing	\$174,653.12 \$15,975.00 to work to compl	\$14,266,279.64	-\$125,358.86 \$0.00 d under Change	\$16,327.03 \$16,327.03 Order No. 24. Pro	100 100 oject Close-ou	t will resume or
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29 30 31 1/28/2011	9/1/2009 11/1/2009 1/1/2010 Comments -	9/30/2009 12/3/2009 1/31/2010 The Contractor the work is com	n/a n/a is continuing pplete. The Ro	\$174,653.12 \$15,975.00 to work to compl	\$14,266,279.64 \$14,282,254.64 ete all items added ave been received	-\$125,358.86 \$0.00 I under Change from the Contra	\$16,327.03 \$16,327.03 Order No. 24. Pro	100 100 oject Close-ou	t will resume or complete and  Total CO
29 30 31 1/28/2011 tange Order 01 2 - County C	9/1/2009 11/1/2009 1/1/2010 Comments - Number	9/30/2009 12/3/2009 1/31/2010 The Contractor the work is com accurate.	n/a n/a n/a is continuing plete. The Ro  Approved 2/14/2006 Value Engine	\$174,653.12 \$15,975.00 to work to complectord Drawings have	\$14,266,279.64 \$14,282,254.64 ete all items added ave been received	-\$125,358.86 \$0.00 I under Change from the Contra Cost This CO -2,114,062.05 as changed to a 2	\$16,327.03 \$16,327.03 Order No. 24. Proceedings of the process of	100 100 oject Close-ou nd found to be	t will resume or complete and  Total CO -2,114,062
29 30 31 1/28/2011 ange Order 01 - County C the main la	9/1/2009 11/1/2009 1/1/2010 Comments -  Number Convenience. Impanes. Due to char	9/30/2009 12/3/2009 1/31/2010 The Contractor the work is com accurate.	n/a n/a n/a is continuing plete. The Ro  Approved 2/14/2006 Value Engine	\$174,653.12 \$15,975.00 to work to complectord Drawings have	\$14,266,279.64 \$14,282,254.64 ete all items added ave been received	-\$125,358.86 \$0.00 If under Change from the Contra Cost This CO -2,114,062.05 as changed to a 2 re also revised.	\$16,327.03 \$16,327.03 Order No. 24. Proceedings of the process of	100 100 oject Close-ou nd found to be	t will resume or complete and Total CC -2,114,062 exible Base sec
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29 30 31  1/28/2011  ange Order 01 - County Content and the main lange Order 02 - County Content and the ware adjusted ange Order ange Order ange Order	9/1/2009 11/1/2009 1/1/2010  Comments -  Number  Convenience. Impanes. Due to characteristic convenience. Impanes. Due to characteristic convenience. Impanes as mutual.	9/30/2009 12/3/2009 1/31/2010  The Contractor the work is comaccurate.  plementation of a ange in pavement	n/a n/a n/a is continuing nplete. The Ro  Approved 2/14/2006 Value Engindesign, excav  Approved 2/14/2006 Value Engindesign illiamson Co  Approved	\$174,653.12 \$15,975.00 to work to complectord Drawings have eering finding. Payation & embankm	\$14,266,279.64 \$14,282,254.64 ete all items added ave been received average and the same added average are all items and a second and a second are all items and a are all items and a second are all items are all items are all items and a second are all items are all items are all items are a	-\$125,358.86 \$0.00 If under Change from the Contra Cost This CO -2,114,062.05 as changed to a 2 re also revised. Cost This CO -192,122.88 lue engineering	\$16,327.03 \$16,327.03 Order No. 24. Pro- actor, reviewed, and	100 100 oject Close-ou nd found to be	t will resume or complete and  Total CO -2,114,062 exible Base sec  Total CO -2,306,184 and 7x3 box cu
29 30 31  1/28/2011  ange Order 01 - County C the main la ange Order 02 - County C ms were adj ange Order 03 - Differing	9/1/2009 11/1/2009 11/1/2010  Comments -  Number  Convenience. Impanes. Due to characteristic services as mutual.  Number  Site Conditions	9/30/2009 12/3/2009 1/31/2010  The Contractor the work is comaccurate.  plementation of a large in pavement ally agreed to by We (unforeseeable) (contractor)	n/a n/a n/a n/a nis continuing nplete. The Ro  Approved 2/14/2006 Value Engindesign, excav  Approved 2/14/2006 Value Engindesign Co  Approved 5/18/2006 other). A resident	\$174,653.12 \$15,975.00 to work to complectord Drawings have eering finding. Paration & embanking	\$14,266,279.64 \$14,282,254.64 ete all items added ave been received average and the state of the state of the state of the state of the value of the	-\$125,358.86 \$0.00 d under Change from the Contra Cost This CO -2,114,062.05 as changed to a 2 re also revised. Cost This CO -192,122.88 lue engineering Cost This CO 12,444.00	\$16,327.03 \$16,327.03 Order No. 24. Proceed, and an actor, reviewed, and actor. TY C HMAC process, unit price	100 100 Dject Close-ound found to be C over a 15" Fl	t will resume or complete and  Total CC -2,114,062 exible Base sec  Total CC -2,306,184 and 7x3 box cu  Total CC -2,293,740
29 30 31  1/28/2011  ange Order 01 - County C the main la ange Order 02 - County C ms were adj ange Order 03 - Differing re incurred	9/1/2009 11/1/2009 11/1/2010  Comments -  Number  Convenience. Impanes. Due to characteristic as mutual:  Number  Site Conditions by the Contracteristics	9/30/2009 12/3/2009 1/31/2010  The Contractor the work is comaccurate.  plementation of a unge in pavement plementation of a ly agreed to by W	n/a n/a n/a n/a nis continuing nplete. The Ro  Approved 2/14/2006 Value Engindesign, excav  Approved 2/14/2006 Value Engindiliamson Co  Approved 5/18/2006 other). A residential	\$174,653.12 \$15,975.00 to work to complectord Drawings have eering finding. Paration & embanking	\$14,266,279.64 \$14,282,254.64 ete all items added ave been received avement design water and quantities were as a result of the value.	-\$125,358.86 \$0.00 d under Change from the Contra Cost This CO -2,114,062.05 as changed to a 2 re also revised. Cost This CO -192,122.88 lue engineering Cost This CO 12,444.00 eduled for demo	\$16,327.03 \$16,327.03 Order No. 24. Proceed, and an actor, reviewed, and actor. TY C HMAC process, unit price	100 100 Dject Close-ound found to be C over a 15" Fl	Total CO -2,306,184 and 7x3 box cu  Total CO -2,306,184 and 7x3 box cu  Total CO -2,293,740 os. Extra expensi
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29 30 31 1/28/2011  ange Order 01 - County C the main la ange Order 02 - County C ms were adj ange Order 03 - Differing re incurred ange Order 04 . Untimely lity plans w ange Order 05 : Design en	9/1/2009 11/1/2009 11/1/2010 Comments -  Number Convenience. Impanes. Due to chate the convenience. Impanes of the convenience. Impanes of the convenience of the convenience. Impanes of the convenience o	9/30/2009 12/3/2009 1/31/2010  The Contractor the work is comaccurate.  plementation of a unge in pavement  plementation of a ly agreed to by W  (unforeseeable) (or for asbestos rerother. Steel encarated into PS&E a	n/a n/a n/a n/a nis continuing nplete. The Ro  Approved 2/14/2006 Value Engindesign, excav  Approved 2/14/2006 Value Engindesign, excav  Approved 5/18/2006 Other). A residence of the time of Approved 9/5/2006 Original plan	\$174,653.12 \$15,975.00 to work to complectord Drawings have eering finding. Payation & embanking eering finding. As unty and Ranger F	\$14,266,279.64 \$14,282,254.64 ete all items added we been received evement design water quantities were as a result of the value accavating.  COW that was school of the City of Leafor the City of Leafor the channel creations.	-\$125,358.86 \$0.00 If under Change from the Contract  Cost This CO -2,114,062.05 Its changed to a 2 re also revised.  Cost This CO -192,122.88 Itue engineering  Cost This CO 12,444.00 eduled for demo  Cost This CO 128,440.00 eander added at  Cost This CO 111,179.80	\$16,327.03 \$16,327.03 Order No. 24. Projector, reviewed, and 2.5" TY C HMAC process, unit price	100 100 Dject Close-our nd found to be C over a 15" Fl es for the 6x3 to have asbesto	Total CC -2,165,300 62+00, sta. 262  t will resume or complete and  Total CC -2,114,062 exible Base sec  Total CC -2,306,184 and 7x3 box cu  Total CC -2,293,740 os. Extra expen

2C: New Development - Conditions changing after PS&E completed. 2D: Environmental Remediation. During the clearing and grubbing of ROW, two abandoned

water wells and one abandoned septic tank were discovered and needed to be properly removed.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 07
 8/29/2006
 59,041.60
 -1,986,586.16

4B: Third Party requested work. Per the terms of the real estate contract agreement, the County must provide a driveway for the landowner. 6D: Untimely ROW. The real estate contract agreement was not finalized until after the contract plans were complete and the project was let. Fifteen (15) days were added to the Contract

 Change Order Number
 Approved
 Cost This CO
 Total COs

 08
 9/5/2006
 218,894.00
 -1,767,692.16

6D. Untimely ROW/Utilities. 6D-Other. Chisholm Trail waterline relocations were not incorporated into the plans prior to contract award. Thirty (30) days were added to the Contract schedule.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 09
 2/7/2007
 8,360.00
 -1,759,332.16

4B. Third Party Accommodation - Third party requested work. The County and the property owner agreed to temporary fencing at the driveways and culvert locations to facilitate the construction of the roadway. This change order provides compensation to the property owner for installation of temporary special fencing around the easements, and its removal once the driveway and culvert construction is complete, allowing the permanent fencing to be installed.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 10
 3/27/2007
 205,000.00
 -1,554,332.16

3M: County Convenience. Other. The one-course surface treatment will be added due to the deletion of the 4.5" of Type B asphalt requested by Williamson County as part of the pavement design section revision.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 11
 3/21/2007
 10,577.00
 -1,543,755.16

6C: Untimely ROW/Utilities. Utilities not Clear. The location of water lines on the plans did not match actual field conditions. Additional effort was required to perform exploratory work and additional water line relocations.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 12
 4/20/2007
 2.530.00
 -1.541.225.16

6B: Untimely ROW/Utilities. Right-of-Way not clear (County responsibility for ROW). New fencing was added for the drainage easement on the north and south sides of Hwy 29 for the stock pass extension.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 13
 7/5/2007
 -12,050.34
 -1,553,275.50

4B: Third Party Accommodation. Third Party requested work. Realigned driveway to avoid taking out unnecessary trees on the Lamb property. 6D: Untimely ROW/Utilities. Other. Move Densford's driveway back to CL Sta. of 279+00 to avoid power pole in the proposed driveway location of Sta. 280+00.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 14
 7/12/2007
 81,502.00
 -1,471,773.50

4B: Third Party Accommodation. Third Party requested work. Installation of steel sleeves for future utilities at property owner's request, per terms of the real estate contract agreement. Twenty-five (25) days were added to the Contract schedule.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 15
 9/17/2007
 4 010 38
 -1 467 763 12

4B: Third Party Accommodation. Third party requested work. Driveways relocated and a drainage pipe added to one location. Twenty (20) days were added to the Contract schedule.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 16
 8/15/2007
 29,117.00
 -1,438,646.12

2J: Differing Site Conditions. Other. Existing groundwater within the strata below the proposed roadway is resulting in soft subgrade conditions. A geotechnical investigation was completed to assess the problem and a rock filter system was developed to mitigate the groundwater problem. This change order provides compensation for the extra time and work associated with the revision. Ninety-three (93) days were added to the Contract schedule.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 17
 10/31/2007
 7.424.20
 -1.431.221.92

1B: Design Error or Emission. Other. Metal Beam Guard Fence transitions were not included as a bid item even though they show to be installed on plans. This change order provides payment for the transitions. 2E: Differing Site Conditions. Miscellaneous Difference in Site Conditions. In order to construct certain driveways, a small amount of fencing was removed while various amounts of temporary and permanent fencing will need to be installed. Five (5) days were added to the Contract schedule.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 18
 11/19/2007
 0.00
 -1,431,221.92

5E: Contractor Convenience. Other. The Owner may elect to reduce the contract retainage to 5% upon completion of 50% of the value of the work in keeping with current industry standard practice. The Owner may elect to further reduce the contract retainage to 2% upon issuance of the Certificate of Substantial Completion.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 19
 1/8/2008
 15,628.50
 -1,415,593.42

1B: Design Error or Emission. Other. Signal layout information for FM 2243 intersection was excluded from plans. Contractor had to remove and replace existing traffic detectors and pull boxes in order to construct a portion of roadway. Two (2) days were added to the Contract schedule.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 20
 1/30/2008
 24,887.96
 -1,390,705.46

2J: Differing Site Conditions. Other. This change order provides compensation for the extra time and work associated with revisions to mitigate the groundwater problem in the northbound lanes of Reagan Blvd, following the same strategy developed for the southbound lanes of Reagan Blvd under Change Order No. 16. 4B: Third Party Accommodation. Third Party Requested Work. Provides compensation for the removal of entrance walls and capping gate columns on the Fisher property. 3F: County Convenience. Additional work required by the County. Provides compensation for removal of Parmer Ln sign at the intersection of Reagan Blvd and RM 2243. Seven (7) days were added to the Contract schedule.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 21
 1/29/2008
 106,465.66
 -1,284,239.80

2J: Differing Site Conditions. Other. Change Order #16 (attached) added ninety-three (93) days to the Contract schedule. The change in the Contract schedule delayed the Contractor's planned paving schedule. As a result of the delay, the Contractor was unable to hold the bid prices for asphalt materials. This Change Order provides for a fair and equitable price increase for asphalt material items.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 22
 7/8/2008
 8,930.00
 -1,275,309.80

3M: County Convenience. Other. Property owner's fence was located in the middle of the new ditch line. To prevent future damage to the fence, it was moved into the County's ROW and a water gap was installed. 2E: Differing Site Conditions (unforeseeable). Miscellaneous difference in site conditions. In order to maintain the proper slope at certain driveways, the Contractor demoed SET's and extended driveway pipes to accommodate wider driveways.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 23
 TBD
 TBD
 -1,275,309.80

This Change Order (the balancing change order) will be revised and processed after all work added under Change Order No. 24 is completed.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 24
 9/22/2009
 158,657.05
 -1,116,652.75

3F: County Convenience. Additional Work Desired by the County. Additional erosion control work is required at the South Fork of the San Gabriel River. The revised plans will meet TCEQ guidelines.

Adjusted Price = \$14,740,673.79

#### CR 175 Ph 2A Extension (Regional Park to Creekside Meadows)

<b>Project No</b>	. 09WC707					C	Original Contr	act Price =	\$1,854,291.16
Letting	Award	Notice To Proceed	Begin Work	Substantially Complete	Work Accepted		Total Bid Days	<u>Days</u> <u>Added</u>	<u>Total</u> Days
1/21/2009	2/3/2009	4/20/2009	7/6/2009	1/28/2010			180	27	207
Invoice	Beginning	Ending	Days	Current	Invoice	Current	Total	<u>% (\$)</u>	% Time
Number	Date	Date	Charged	Invoice	Total	Retainage	Retainage	Used	Used
1	4/20/2009	5/12/2009	0	\$43,970.99	\$43,970.99	\$4,885.67	\$4,885.67	3	0
2	5/12/2009	6/30/2009	0	\$396,055.07	\$440,026.06	\$44,006.11	\$48,891.78	26	0
3	7/1/2009	7/31/2009	26	\$213,429.04	\$653,455.10	\$23,714.34	\$72,606.12	39	13
4	8/1/2009	8/31/2009	31	\$250,681.21	\$904,136.31	\$27,853.47	\$100,459.59	53	28
5	9/1/2009	9/30/2009	30	\$162,098.59	\$1,066,234.90	-\$44,341.96	\$56,117.63	60	42
6	10/1/2009	10/31/2009	31	\$53,846.74	\$1,120,081.64	\$2,834.03	\$58,951.66	63	57
7	11/1/2009	11/30/2009	30	\$244,706.53	\$1,364,788.17	\$12,879.30	\$71,830.96	76	71
8	12/1/2009	12/31/2009	31	\$55,411.74	\$1,420,199.91	\$2,916.40	\$74,747.36	79	86
9	1/1/2010	1/31/2010	27	\$344,508.49	\$1,764,708.40	-\$38,732.90	\$36,014.46	96	100
10	5/1/2010	5/31/2010	n/a	\$6,335.11	\$1,771,043.51	\$129.28	\$36,143.74	96	100
11	7/1/2010	7/31/2010	n/a	\$20,359.00	\$1,791,402.51	\$415.49	\$36,559.23	97	100
12	8/1/2010	8/31/2010	n/a	\$1,491.17	\$1,792,893.68	\$30.43	\$36,589.66	97	100
13	11/1/2010	11/30/2010	n/a	\$13,602.77	\$1,806,496.45	\$277.61	\$36,867.27	98	100
14	12/1/2010	12/31/2010	n/a	\$4,139.52	\$1,810,635.97	\$84.48	\$36,951.75	98	100
1/28/2011	Comments -	complete excep	t grass growth		e Ribbon Cutting Obleted reworking the				
Change Order	Number		Approved			Cost This CO			Total COs
01			7/23/2009			-4,029.24			-4,029.24
3: County Cor	venience. 3E: R	eduction of future	e maintenance	. 3H: Cost saving	s opportunity disc	overed during co	onstruction. At b	oth proposed co	ulverts, the rip rap
		ommon rock rip ra			~ -FF	- · · · · · · · · · · · · · · · · · · ·		PP	
Change Order	Number		<u>Approved</u> 7/23/2009			Cost This CO 17.615.43			<u>Total COs</u> 13,586.19
	y Accommodati	on. Third party re		: Adding six (6) 4	-inch conduits at a	. ,	F for PEC, AT&	T, and Time W	
Change Order	Number		Approved			Cost This CO			Total COs
03			9/11/2009			2,700.00			16,286.19
2J: Differing Site Conditions. Other: This change order accounts for adding removable striping to the project for the detour just						the detour just so	uth of the actua	al proposed	
					existing pavemen		-		-
Change Order Number Approved					Cost This CO			Total COs	

04 10/27/2009 1,881.40 18,167.59

4B: Third Party Accommodation. Third party requested work: This Change Order accounts for costs associated with the installation 300 feet of 4-inch PVC sleeves for future irrigation for the Parkside subdivision.

Change Order Number Approved Cost This CO Total COs 3/23/2010 1,947.84 20,115.43

1A: Design Error or Omission. Incorrect PS&E. A signal head was added at the intersection of CR 175 and Perry Mayfield for the northbound traffic. Twenty-seven (27) days were added to the Contract schedule to account for the delay encountered while the Engineer developed a solution for the lack of cover over Culverts #1 and #2 on the northbound lanes.

Change Order Number Cost This CO Total COs Approved 06 12/10/2010 10,324.00 30,439.43

2F: Differing Site Conditions (unforeseeable). Site conditions altered by an act of nature. The erosion control devices that were installed per plan were washed out and the ditchlines were eroded from the severe rain event in September 2010. The devices need to be removed and replaced, along with adding an additional erosion control blankent and reseeding the area.

> Adjusted Price = \$1,884,730.59





## PASS THROUGH FINANCING PROJECT US 183

(Riva Ridge Road to SH 29)

Project Length: 4.3 Miles

Roadway Classification: Principal Arterial

Roadway Section: Four-lane divided with shoulders and a wide median

for future transportation corridor

Structures: Two four-lane bridges and bridge class culverts

Project Schedule: December 2009 - December 2012 Estimated Construction Cost: \$14.9 Million



#### **JANUARY 2011 IN REVIEW**

**01/07/2011:** Dan Williams (DWCO) is completing waterline A and started installation of waterline B1 near SH 29. Subcontractor Beaird Drilling is working on the drill shafts on the north side of the river for the proposed southbound bridge. DWCO continued work on the Hazmat Trap & apron of Structure 2 and poured the SETs on the cross culverts at Mourning Dove and CR 263.

**01/14/2011:** DWCO is continuing embankment operations from the old bridge towards the north on the proposed southbound lanes. Beaird Drilling completed the drill shafts and DWCO poured one set of columns for Bent 3 of the southbound bridge. DWCO continues to install waterlines B and B1 near SH 29. The contractor poured the SETs on the cross culvert at Green Valley.

**01/21/2011:** DWCO has completed the placement of the bridge columns and the abutment on the south side of the river. The contractor began setting forms for the abutment on the north side and the caps on Bent 3. DWCO completed the tie-in for waterline A. The contractor is grading for the rip rap at both abutments for the proposed southbound bridge.

**01/28/2011:** DWCO completed the rip rap under the southbound bridge at both abutments and set the forms for the last cap. Beams are scheduled for 2/7/11. DWCO completed installation of waterline B and continues to install waterline B1. The contractor is excavating and installing storm drain at SH 29.







Design Engineer: Dannenbaum Contractor: Dan Williams Company Construction Inspection: HDR

Williamson County
Pass Through Financing Program

## PASS THROUGH FINANCING: US 183 (Riva Ridge Rd to SH 29) Project No. 09WC720 TxDOT CSJ: 0151-04-063

Project No.	09WC720	TxDOT CSJ	(	Original Contract Price =		\$14,677,727.84			
Letting	Award	Notice To Proceed	Begin Work	Anticipated Work Complete	Work Accepted		Total Bid Days	<u>Days</u> <u>Added</u>	<u>Total</u> <u>Days</u>
8/24/2009	8/25/2009	12/21/2009	12/23/2009	12/18/2012			627	0	627
	Invoice Number 1 2 3 4 5 6 7 8 9 10 11 12	Beginning Date 12/21/2010 1/1/2010 2/1/2010 3/1/2010 4/1/2010 5/1/2010 6/1/2010 7/1/2010 8/1/2010 9/1/2010 10/1/2010 11/1/2010	Ending Date 12/31/2010 1/31/2010 2/28/2010 3/31/2010 4/30/2010 5/31/2010 6/30/2010 7/31/2010 8/31/2010 9/30/2010 10/31/2010 11/30/2010	Days Charged 0 0 0 0 0 0 0 8 21 22 21 22 21	Current Invoice \$135,503.26 \$519,553.82 \$336,428.93 \$1,038,867.35 \$1,182,431.16 \$524,006.54 \$488,883.31 \$531,298.23 \$1,365,257.56 \$668,797.43 \$431,568.09 \$830,315.07	Invoice Total \$135,503.26 \$655,057.08 \$991,486.01 \$2,030,353.36 \$3,212,784.52 \$3,736,791.06 \$4,225,674.37 \$4,756,972.60 \$6,122,230.16 \$6,791,027.59 \$7,222,595.68 \$8,052,910.75	% (\$) Used 1 4 7 14 22 25 28 32 41 46 49 54	% Time Used 0 0 0 0 0 0 1 5 8 11 15 18	
	13 14	12/1/2010 1/1/2011	12/31/2010 1/31/2011	22 20	\$392,245.23 \$475,168.87	\$8,445,155.98 \$8,920,324.85	57 60	22 25	
Change Order 1	<u>Number</u>		<u>Approved</u> 5/4/2010			Cost This CO \$39,057.66			<u>Total COs</u> 39,057.66

1B: Design Error or Omission. Other. Existing water lines have been identified at nine locations requiring relocation from newly acquired ROW to private property. The lines are required to be cased when crossing under the proposed new roadway. Additionally, the existing meters will need to be relocated onto private property. In the existing condition the water meters are inside the right of way with private waterlines above ditch lines or within the pavement section.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 02
 4/19/2010
 \$1,250.00
 40,307.66

1B: Design Error or Omission. Other. Plans required 5 foot long core holes in each Abutment and Bent location of the two bridges to confirm bearing materials (Sheet No. S of the General Notes). Payment is set by Standard Specifications, Item 416.5.C at \$125 each. No bid item was included for this activity.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 03
 5/17/2010
 \$25,000.00
 65,307.66

3F: County Convenience. Additional work desired by the County. Revising safety work/measures desired by the County. This change order will add a bid item to cover expenses associated with reimbursement for Law Enforcement when required by the Construction Inspector during certain construction activities. Payment for this bid item will be made based on actual invoices prepared by Law Enforcement agencies plus a 5% markup as allowed by TxDOT specifications.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 04
 6/23/2010
 \$25,000.00
 90,307.66

1A: Design Error or Omission. Incorrect PS&E. This change order provides payment to reimburse the contractor for maintenance, repair, or reinstallation of erosion control devices and features which are not subsidiary to pertinent items. No bid item(s) was included for these activities. The change order is as described in the TxDOT Standard Specifications for Construction and Maintenance of Highways, Streets, and Bridges, Item 506.6 Temporary Erosion, Sedimentation, and Environmental Controls, Payment, and Article 9.5, Force Account.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 05
 7/1/2010
 \$78,417.60
 168,725.26

1A: Design Error or Omission. Incorrect PS&E. 4D: Third Party Accommodation. Other. This change order provides payment to reimburse the contractor for costs associated with constructing the revised Retaining Wall C (Rock Nailed/Facia) located at the southern terminus of the project limits. New design details and additional components typically supplied by TxDOT were added to the design of the Rock Nail Wall. This redesign will require the pre-cast facia panel fabricator to redesign the wall panel layout and recast new panels to replace those that are unusable. Quantities of rock nails, Class C miscellaneous concrete and anti-graffiti coating are being adjusted per the reduction overall square footage of the wall.

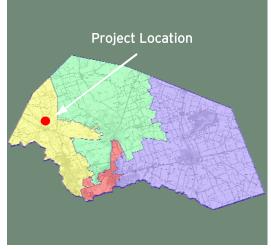
 Change Order Number
 Approved
 Cost This CO
 Total COs

 06
 1/26/2011
 5,548.91
 174,274.17

1A: Design Error or Omission. Incorrect PS&E. This change order provides payment to reimburse the contractor for costs associated with constructing special shoring for the bore pit of box culvert CC-5 adjacent to SH 29. 2I: Differing Site Conditions (unforeseeable). Additional safety needs (unforeseeable). This change order provides payment to reimburse the contractor for additional costs associated with the Mourning Dove Lane reconstruction detour.

Adjusted Price = \$14,852,002.01





#### **CR 214, PHASE 2A**

(Rolling Hills to San Gabriel Ranch Road)

Project Length: 1.3 Miles

Roadway Classification: Rural Collector

Roadway Section: Two-lane undivided with shoulders

Project Schedule: December 2009 - January 2011

Estimated Construction Cost: \$1.2 Million



#### **JANUARY 2011 IN REVIEW**

**01/07/2011:** FT Woods continues general cleanup of the project and watering for vegetation establishment. The GEC is waiting on a request for Substantial Completion from FT Woods.

**01/14/2011:** The GEC received the Substantial Completion request from FT Woods. Wilco and the GEC are currently reviewing and adding additional items to the Contractor's punchlist, which is scheduled to be issued back to FT Woods early next week.

**01/21/2011:** FT Woods is currently working on punchlist items. The GEC and County are coordinating the ribbon cutting ceremony, scheduled for January 28, 2011.

**01/28/2011:** FT Woods continues to work on punchlist items. The Ribbon cutting ceremony was held on January 28, 2011.



Design Engineer: Rogers Design Contractor: FT Woods Constructors Construction Observation: Kenneth Marak, Williamson County

Williamson County Road Bond Program





#### CR 214 Phase 2A (Rolling Hills to San Gabriel Ranch Road)

Project No.	09WC723						Original Contr	act Price =	\$1,183,999.03
Letting	<u>Award</u>	Notice To Proceed	Begin Work	Substantially Complete	Work Accepted		Total Bid Days	<u>Days</u> <u>Added</u>	<u>Total</u> <u>Days</u>
9/30/2009	10/13/2009	12/8/2009	12/8/2009	1/7/2011			227	0	227
Invoice	Beginning	Ending	Days	Current	Invoice	Current	<u>Total</u>	<u>% (\$)</u>	% Time
Number	Date	Date	Charged	Invoice	<u>Total</u>	Retainage	Retainage	Used	Used
1	11/1/2009	11/30/2009	0	\$2,126.46	\$2,126.46	\$236.27	\$236.27	0	0
2	12/1/2009	12/31/2009	0	\$10,980.83	\$13,107.29	\$1,220.10	\$1,456.37	1	0
3	1/1/2010	1/31/2010	0	\$36,651.83	\$49,759.12	\$4,072.42	\$5,528.79	5	0
4	2/1/2010	2/28/2010	0	\$86,671.56	\$136,430.68	\$9,630.17	\$15,158.96	13	0
5	3/1/2010	3/31/2010	0	\$96,350.11	\$232,780.79	\$10,705.57	\$25,864.53	22	0
6	4/1/2010	4/30/2010	0	\$88,166.92	\$320,947.71	\$9,796.33	\$35,660.86	31	0
7	5/1/2010	5/31/2010	0	\$97,359.40	\$418,307.11	\$10,817.71	\$46,478.57	34	0
8	6/1/2010	7/31/2010	37	\$121,881.81	\$540,188.92	\$13,542.42	\$60,020.99	49	16
9	8/1/2010	8/31/2010	31	\$87,795.45	\$627,984.37	\$9,755.05	\$69,776.04	57	30
10	9/1/2010	9/30/2010	30	\$90,230.70	\$718,215.07	\$10,025.63	\$79,801.67	58	43
11	10/1/2010	10/31/2010	31	\$99,855.94	\$818,071.01	\$11,095.11	\$90,896.78	66	57
12	11/1/2010	11/30/2010	30	\$92,871.10	\$910,942.11	\$10,319.01	\$101,215.79	74	70
13	12/1/2010	12/31/2010	31	\$240,285.91	\$1,151,228.02	-\$40,624.84	\$60,590.95	93	84
Change Order N	<u>Number</u>		Approved			Cost This CO			Total COs
01			2/16/2010			-16,500.00			-16,500.00

<sup>5</sup>E: Contractor Convenience. Other. 3H: County Convenience. Cost savings opportunity discovered during construction. The Contractor requested to use temporary sediment control fence instead of biodegradable erosion control logs in various locations on the Project. Due to the significant savings, the County agreed.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 02
 5/17/2010
 31,143.71
 14,643.71

 Change Order Number
 Approved
 Cost This CO
 Total COs

 03
 6/15/2010
 18,762.45
 33,406.16

2J: Differing Site Conditions (unforeseeable). Other. This change order accounts for costs associated with the loading and hauling of 18 to 24-inch County-provided rock to the project site. The material was required to stabilize areas that were unsuitable for construction under the proposed roadway and multiple box culvert.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 04
 1/1/2011
 16,229.10
 49,635.26

1B: Design Error or Omission. Other. The original plans did not provide adequate quantities for the specified mow strips. The necessary additional quantities are included in this Change Order and match the mow strip quantities installed per plan by the Contractor.

Adjusted Price = \$1,233,634.29

<sup>3:</sup> County Convenience, 3M: Other, 3E: Reduction of future maintenance. The waterline relocation quantities are being increased to move the existing waterline from under the proposed pavement.

#### US 183 at FM 3405 Intersection Improvements

Project No.	. 10WC805		•				Original Contr	act Price =	\$379,185.10
Letting	Award	Notice To Proceed	Begin Work	Substantially Complete	Work Accepted		Total Bid Days	<u>Days</u> <u>Added</u>	Total Days
11/19/2009	12/1/2009	3/1/2010	3/11/2010	5/25/2010			90	0	90
Invoice Number 1 2	Beginning Date 3/1/2010 4/1/2010	Ending Date 3/31/2010 6/15/2010	Days Charged 21 55	Current Invoice \$70,319.79 \$298,405.71	Invoice Total \$70,319.79 \$368,725.50	Current Retainage \$7,813.31 -\$288.30	,	% (\$) <u>Used</u> 20 98	<ul><li>% Time</li><li>Used</li><li>23</li><li>84</li></ul>
1/28/2011	Comments -				U	•	held on 6/2/2010. the final close-out		ems are complete.

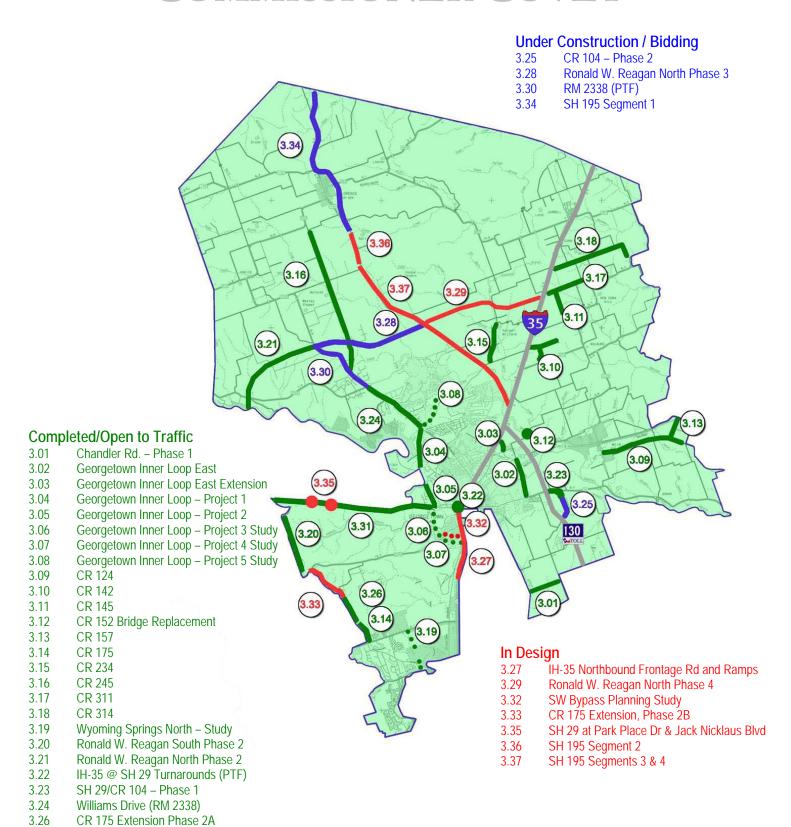
 Change Order Number
 Approved
 Cost This CO
 Total COs

 01
 7/15/2010
 6,698.85
 6,698.85

2E: Differing Site Conditions. Miscellaneous difference in site conditions (unforeseeable) (Item 9). This change order provides payment for additional work by the Contractor to mill existing patches on US 183 because the elevations of the patches were higher than the proposed finished roadway grades.

Adjusted Price = \$385,883.95

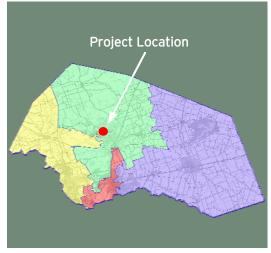
## PRECINCT 3 COMMISSIONER COVEY



SH 29 Improvements Study & Schematic

3.31





#### **WILLIAMS DRIVE**

(DB Wood Road to FM 3405)

Project Length: 3.4 Miles

Roadway Classification: Major Arterial

Roadway Section: Four-lane w/ center two-way turn lane and

shoulders

Structures: None

Project Schedule: March 2009 - February 2011 Estimated Construction Cost: \$12.9 Million



#### **JANUARY 2011 IN REVIEW**

**01/07/2011:** JC Evans is grading the final ditch through the old FM 3405 intersection and processing flex base on the last piece of subgrade for the eastbound shoulder. Subcontractor ATS is installing the conduit and ground boxes at Wildwood, Woodlake, and DB Wood and drilling for the foundations at Del Webb. JC Evans continues to place rip rap around the area inlets.

**01/14/2011:** JC Evans continues to process flex base for the eastbound shoulder from the new FM 3405 through the old FM 3405 location. ATS is installing conduit, ground boxes, and pulling wire at DB Wood and finishing up the foundations, conduit, and ground boxes at Del Webb. Subcontractor JC Communications placed connections on the power poles for the fiber optic interconnect along the south right of way.

**01/21/2011:** ATS is finishing the installation of the new signal poles and mast arms at DB Wood, Woodlake, and Wildwood. JC Evans continues to grade and form for the rip rap on the back slope along the south ROW near FM 3405.

**01/28/2011:** JC Evans finished the flex base for the eastbound lane between the old FM 3405 and the new FM 3405 and primed the base in preparation for paving. ATS is continuing to pull wire for all of the proposed signals at Del Webb, Woodlake, Wildwood and at DB Wood.







Design Engineer: KBR
Contractor: J.C. Evans Construction
Construction Inspection: PBS&J

Williamson County Road Bond Program

Project No.	09WC706			Original Con	\$11,464,068.41				
Letting	Award	Notice To Proceed	Begin Work	Anticipated Work Complete	Work Accepted		Total Bid Days	<u>Days</u> <u>Added</u>	Total Days
12/17/2008	1/20/2009	3/2/2009	3/16/2009	2/28/2011			570	133	703
	Invoice	Beginning	Ending	<u>Days</u>	Current	Invoice	% (\$)	% Time	
	Number	Date	Date	Charged	Invoice	<u>Total</u>	Used	Used	
	1	3/1/2009	3/31/2009	16	\$409,766.45	\$409,766.45	3	2	
	2	4/1/2009	4/30/2009	30	\$275,352.93	\$685,119.38	5	7	
	3	5/1/2009	5/31/2009	30	\$780,300.96	\$1,465,420.34	11	11	
	4	6/1/2009	6/30/2009	30	\$409,988.45	\$1,875,408.79	13	15	
	5	7/1/2009	7/31/2009	30	\$439,814.28	\$2,315,223.07	16	19	
	6	8/1/2009	8/31/2009	31	\$748,866.19	\$3,064,089.26	20	24	
	7	9/1/2009	9/30/2009	30	\$1,044,554.30	\$4,108,643.56	27	28	
	8	10/1/2009	10/31/2009	31	\$560,440.65	\$4,669,084.21	36	32	
	9	11/1/2009	11/30/2009	28	\$489,651.00	\$5,158,735.21	41	36	
	10	12/1/2009	12/31/2009	30	\$347,909.60	\$5,506,644.81	45	41	
	11	1/1/2010	1/31/2010	30	\$236,560.28	\$5,743,205.09	48	45	
	12	2/1/2010	2/28/2010	28	\$255,322.06	\$5,998,527.15	50	49	
	13	3/1/2010	3/31/2010	31	\$258,010.86	\$6,256,538.01	54	53	
	14	4/1/2010	4/30/2010	30	\$212,301.25	\$6,468,839.26	56	58	
	15	5/1/2010	5/31/2010	30	\$417,038.91	\$6,885,878.17	58	62	
	16	6/1/2010	6/30/2010	30	\$528,804.07	\$7,414,682.24	61	66	
	17	7/1/2010	7/31/2010	30	\$252,045.70	\$7,666,727.94	63	70	
	18	8/1/2010	8/31/2010	31	\$849,838.78	\$8,516,566.72	70	75	
	19	9/1/2010	9/30/2010	29	\$726,706.61	\$9,243,273.33	71	79	
	20	10/1/2010	10/31/2010	31	\$974,180.24	\$10,217,453.57	79	83	
	21	11/1/2010	11/30/2010	29	\$1,146,780.24	\$11,364,233.81	88	87	
	22	12/1/2010	12/31/2010	30	\$786,049.59	\$12,150,283.40	94	92	
	23	1/1/2011	1/31/2011	30	\$297,612.45	\$12,447,895.85	96	96	
Change Order I	Number		Approved			Cost This CO			Total COs

3H: County Convenience. Cost savings opportunity discovered during construction. This change order adds Item 351, Flexible Pavement Structure Repair (4") to the contract, which will be in lieu of the original Item 351, Flexible Structure Repair (10"). The pavement condition of Williams Drive does not warrant the 10" repair and can be accomplished with a 4" repair.

-22,295.80

-22.295.80

6/9/2009

 Change Order Number
 Approved
 Cost This CO
 Total COs

 02
 9/15/2009
 818.430.82
 796.135.02

4B: Third Party Accommodation. Third party requested work. This change order upgrades the proposed Chisholm Trail Special Utility District (CTSUD) waterline (Segments A and C) from an 18" waterline to a 24" waterline. This will be funded in full by CTSUD. Thirty-three (33) days were added to the Contract schedule.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 03
 10/27/2009
 6,018.38
 802.153.40

4B: Third Party Accommodation. Third party requested work. 6C: Untimely ROW/Utilities. Utilities not clear. This change order pays the contractor for various items of extra work necessary to install the Chisholm Trail Special Utility District (CTSUD) waterline and for one day of idle equipment due to a request by CTSUD not to work on in the vicinity of their waterline.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 04
 3/9/2010
 -243,410.00
 558,743.40

3H: County Convenience. Cost savings opportunity discovered during construction. This change order documents the revisions to the pay quantities due to a change in the method of installation of the waterline encasement pipe and adjustment of quantities to meet field conditions. Encasement pipe installation was changed from a bore to an open cut at various locations.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 05
 3/4/2010
 6,191.26
 564,934.66

6C: Untimely ROW/Utilities. Utilities Not Clear. This Change Order sets up a force account item for contractor payment. Verizon telephone conduits were in conflict with CTSUD Waterline D. Lowering the profile of waterline D was the solution. This extra work was due to additional excavation required.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 06
 3/9/2010
 126,046.65
 690,981.31

2C: Differing Site Conditions (unforeseeable). New development (conditions changing after PS&E completed). 3F: County Convenience. Additional work desired by the County. 1A: Design Error or Omission. Incorrect PS&E. This change order documents changes to the driveway pay items, adds a pay item for Concrete Driveways, adds culvert pipe bypasses at electrical poles and telephone manholes and changes the slope on pipe culverts that are parallel to the roadway from 3:1 to 6:1.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 07
 3/23/2010
 18,759.00
 709,740.31

4B: Third Party Accommodation. Third party requested work. This change order adds a 24" gate valve to the project at the request of Chisholm Trail Special Utility District on Waterline D at Sta. 8+20.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 08
 3/23/2010
 6.427.15
 716.167.46

2: Differing Site Conditions. 2D: Environmental remediation 2G: Unadjusted utility (unforeseeable). This change order adds items to pay for work necessary to clear existing features for installation of the CTSUD 24" Waterline C. The waterline installation encountered an unknown geological feature at Sta. 559+00 Right, and an abandoned City wastewater manhole and City waterline vault near Sta. 601+00 at Woodlake Drive.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 09
 3/23/2010
 2,307.03
 718,474.49

6C: Untimely ROW/Utilities. Utilities not clear. This change order adds a pay item for backfilling holes in the new roadway alignment (in the future shoulder) that were left behind when the telephone poles were removed.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 10
 7/1/2010
 8,051.71
 726,526.20

2E: Differing Site Conditions (unforeseeable). Miscellaneous difference in site conditions (unforeseeable). This change order compensates the Contractor for additional work to excavate and backfill an existing trench that is in conflict with the proposed 24" waterline assignment of Waterline C from Sta. 92+00 to 96+00. CTSUD has approved and agreed to pay for this work.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 11
 8/18/2010
 9,165.00
 735,691.20

2C: Differing Site Conditions (unforeseeable). New development (conditions changing after PS&E completed). and 3L. County Convenience. Revising safety work/measures desired by the County. This change order adds the removal of existing concrete valley gutters at the intersections of: (1) Williams Drive and Woodlake Drive and (2) Williams Drive and Wildwood Drive.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 12
 9/13/2010
 24,846.25
 760,537.45

4B. Third Party Accommodation. Third party requested work. The change order establishes a force account pay item for installation of landscape pavers in the center medians of four (4) driveways at the request of the City of Georgetown. The change order also changes the construction material of the HEB and Bank of America driveways from asphalt to concrete at the request of the City of Georgetown.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 13
 9/13/2010
 24,200.00
 784,737.45

3E. County Convenience. Reduction of future maintenance. This change order adds a pay item for a soil retention blanket, including the grass seed, to control erosion along the side of the roadway and to facilitate grass establishment. The amount of drill seeding is reduced by the same area of added blanket.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 14
 9/13/2010
 3,600,00
 788,337,45

4B. Third Party Accommodation. Third party requested work. This change order adds a pay item to haul Portable Concrete Traffic Barrier from the project to the TxDOT storage yard located at IH 35 and Parmer instead of the yard at IH 35 and Westinghouse Road. TXDOT requested the PCTB be delivered for storage to the Parmer location after use.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 15
 11/9/2010
 676,011.22
 1,464,348.67

4B: Third Party Accommodation. Third party requested work. At the request of the City of Georgetown, this change order deletes the strain pole signals and adds mast arm signal assemblies, adds a fiber optic interconnection between the signals, and adds roadway improvements at the intersection of Williams Drive and DB Wood/Shell Road to match a City improvement project on DB Wood/Shell Road. Sixty-five (65) days were added to the Contract schedule.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 16
 1/31/2011
 4,500.00
 1,468,848.67

3F: County Convenience. Additional work desired by the County. This change order compensates the contractor for signal maintenance on the existing signals that remained in use during the project. 3F: County Convenience. (Related to) Additional work desired by City of Georgetown. This change order adds 35 days to the contract due to a delay in the availability of materials for the additional signals. Refers to Change Order 15.

Adjusted Price = \$12,932,917.08





## PASS THROUGH FINANCING PROJECT RM 2338 PHASE 2

(FM 3405 to Ronald Reagan Blvd)

Project Length: 3.5 Miles

Roadway Classification: Rural Minor Arterial

Roadway Section: Four-lane w/ center two-way turn lane and

shoulders

Project Schedule: June 2010 - May 2012 Estimated Construction Cost: \$8.7 Million



#### **JANUARY 2011 IN REVIEW**

**01/07/2011:** Joe Bland is processing the flex base from CR 245 back towards the west and placing topsoil in the ditches along the north side of the project. The utility crew is currently switching the water services to the new waterline.

**01/14/2011:** Joe Bland's utility crew tied-in the new waterline at CR 245, East Ridgewood, Castle Rock, and Meadow Dr. Gabriel's Crossing is scheduled to be tied-in next week. Joe Bland finished preparations for the upcoming traffic switch to Phase II of the Traffic Control Plan.

**01/21/2011:** Joe Bland switched traffic to the Phase II configuration of the Traffic Control Plan. The utility crew completed the waterline tie-ins to the transmission main. Joe Bland began setting the boxes for Culvert 8 on the south side of the roadway and grading for Culvert 7 on the south side of the roadway. The contractor also started cutting the flex base to finish grade from CR 245 back to the west.

**01/28/2011:** Joe Bland is continuing to cut the flex base to finish grade from CR 245 back to the west. The contractor is processing flex base at the west end of the project for the transition back to the existing RM 2338. Joe Bland poured the floor for Culvert 7 and began grading for the west half of Culvert 5.



Design Engineer: Steger Bizzell Contractor: Joe Bland Construction Construction Inspection: PBS&J

Williamson County
Pass Through Financing Program





#### PASS THROUGH FINANCING: RM 2338 Phase 2 (FM 3405 to Ronald Reagan Blvd)

Project No.	09WC722 <i>E</i>	A TxDOT C	SJ: 2211-01	(	Original Contract Price = \$8,700,198				
Letting	Award	Notice To Proceed	Begin Work	Anticipated Work Complete	Work Accepted		Total Bid Days	<u>Days</u> <u>Added</u>	Total Days
1/13/2010	2/2/2010	5/18/2010	6/1/2010	5/6/2012			540	0	540
	Invoice Number	Beginning Date 3/1/2010	Ending Date 3/31/2010	Days Charged 0	<u>Current</u> <u>Invoice</u> \$511,354.80	<u>Invoice</u> <u>Total</u> \$511,354.80	% (\$) <u>Used</u> 6	% Time Used 0	
	2 3 4	4/1/2010 7/1/2010 8/1/2010	6/30/2010 7/31/2010 8/31/2010	0 0 0	\$311,911.32 \$205,969.16 \$296,658.56	\$823,266.12 \$1,029,235.28 \$1,325,893.84	9 12 15	0 0 0	
	5 6 7	9/1/2010 10/1/2010 11/1/2010	9/30/2010 10/31/2010 11/30/2010	0 0 0	\$268,149.71 \$387,430.62 \$492,872.25	\$1,594,043.55 \$1,981,474.17 \$2,474,346.42	18 23 28	0 0 0	
	8 9	12/1/2010 1/1/2011	12/31/2010 1/31/2011	0	\$329,593.69 \$159,889.85	\$2,803,940.11 \$2,963,829.96	32 34	0	
Change Order N	<u>Number</u>		<u>Approved</u> 8/18/2010			Cost This CO 7,115.24			<u>Total COs</u> 7,115.24

<sup>1</sup>A: Design Error or Omission. Incorrect PS&E. This change order changes the angle of the box culvert extension of Box Culvert #2 to match the adjacent drainage area.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 02
 9/16/2010
 21,080.00
 28,195.24

Adjusted Price = \$8,728,393.80

<sup>3</sup>F. County Convenience. Additional work desired by the County. This change order adds driveways at new locations and revises drainage items related to the driveways that have been added or changed due to right-of-way acquisition negotiations.





#### CR 104 Phase 2 Improvements

(South of SH 29 to SH 130)

Project Length: 1.1 Miles

Roadway Classification: Urban Collector

Roadway Section: Two-lane Divided with Continuous Center Turn

Lane

Structures: Two Bridge Replacements

Project Schedule: September 2010 - September 2011

Estimated Construction Cost: \$2.3 Million



#### **JANUARY 2011 IN REVIEW**

**01/07/2011:** Chasco is mixing the last of the lime in the subgrade on the west half of the roadway from the north tie-in to north of Rockney and is placing topsoil from south of Rockney to south of Ronald. Chasco is also installing the styrofoam strips on both bridges for the deck panels.

**01/14/2011:** Chasco is processing the final course of flex base on the proposed southbound lanes from Rockney to just north of Mankins Branch and placing topsoil from Mankins Tributary to SH 130. Chasco is also placing the deck panels on the Mankins Branch bridge and installing the overhang brackets.

**01/21/2011:** Chasco is cutting the flex base to finish grade from the north tie-in to the SH 130 tie-in. The contractor set the deck panels on the Mankins Tributary bridge. Chasco placed the concrete for the driveway SETs throughout the project, finished the curb and gutter from the north tie-in to Rockney, and placed the concrete flume at the south end of the curb & gutter.

**01/28/2011:** Chasco finished up the placement of the topsoil along the north side of the roadway from the north end to the SH 130 tie-in. The contractor is currently tying the steel for the deck on the Mankins Branch bridge.



Design Engineer: Steger Bizzell Contractor: Chasco Contracting Construction Inspection: Huitt~Zollars Construction Observation: Jerry Jansen, Williamson County

Williamson County Road Bond Program





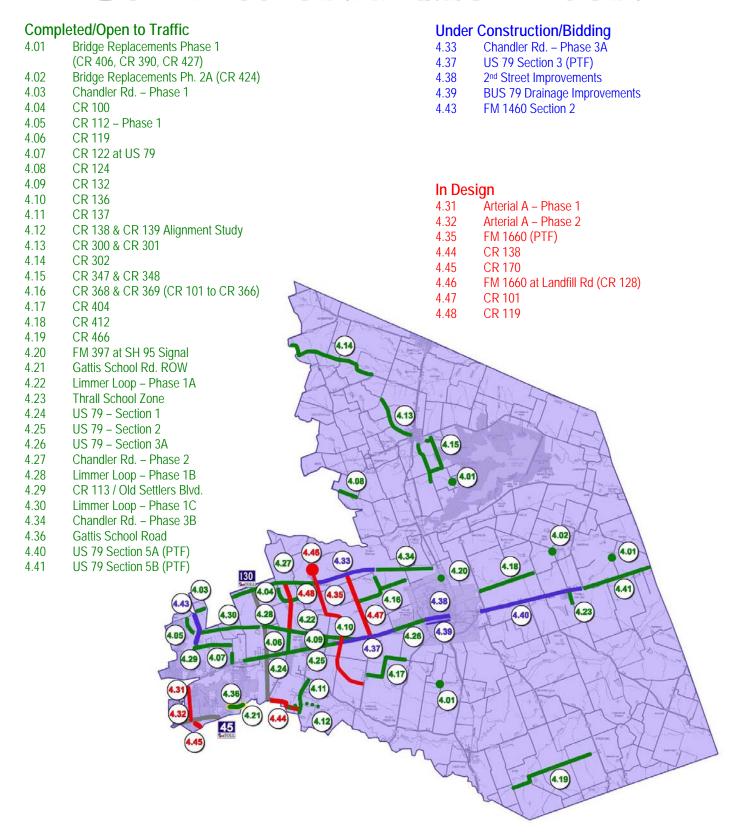
#### CR 104 Phase 2 Improvements (South of SH 29 to SH 130) Project No. 10WC812 TxDOT CSJ: 0914-05-141

Project No.	10WC812	TxDOT CSJ	(	Original Contract Price =		\$2,247,002.60			
Letting	Award	Notice To Proceed	Begin Work	Anticipated Work Complete	Work Accepted		Total Bid Days	<u>Days</u> <u>Added</u>	Total Days
5/19/2010	7/29/2010	9/2/2010	9/17/2010	9/16/2011			365	0	365
	Invoice Number 1 2	Beginning Date 9/17/2010 10/1/2010	Ending Date 9/30/2010 10/31/2010	<u>Days</u> <u>Charged</u> 14 31	Current Invoice \$95,914.20 \$175,088.14	Invoice <u>Total</u> \$95,914.20 \$271.002.34	% (\$) <u>Used</u> 4 12	% Time Used 4 12	
	3 4 5	11/1/2010 11/1/2010 12/1/2010 1/1/2011	11/30/2010 11/30/2010 12/31/2010 1/31/2011	29 28 31	\$401,951.12 \$501,134.61 \$121,082.45	\$672,953.46 \$1,174,088.07 \$1,295,170.52	30 52 58	20 28 36	
Change Order I	<u>Number</u>		<u>Approved</u> 1/31/2011			Cost This CO 3,070.00			<u>Total COs</u> 3,070.00

<sup>4</sup>B: Third Party Accommodation. Third party requested work. After the review & approval of the relocation design, Jonah Special Utility District required the 8" water line across Mankins Branch be enclosed in casing. Jonah also required that the 1" service line be completely replaced with the water meter relocation at STA 77+90.

Adjusted Price = \$2,250,072.60

# PRECINCT 4 COMMISSIONER MORRISON



#### PASS THROUGH FINANCING: US 79, Section 5B (FM 1063 to Milam County Line)

Project No	Project No. 08WC607 TxDOT CSJ: 0204-04-042							tract Price =	\$16,986,053.49
Letting	Award	Notice To	Begin	Substantially	Work		Total Bid	<u>Days</u>	<u>Total</u>
-		Proceed	Work	Complete	Accepted		<u>Days</u>	Added	<u>Days</u>
4//16/00	4/20/2000	7/11/2000	T 122 12000	0/7/2010			400	50	557
4//16/08	4/28/2008	7/11/2008	7/23/2008	8/7/2010			499	58	557
	<u>Invoice</u>	<b>Beginning</b>	Ending	<u>Days</u>	Current	<u>Invoice</u>	<u>% (\$)</u>	% Time	
	Number	Date	Date	Charged	Invoice	<u>Total</u>	Used	Used	
	1	7/23/2008	7/31/2008	9	\$57,547.25	\$57,547.25	0	2	
	2	8/1/2008	8/31/2008	23	\$1,486,551.50	\$1,544,098.75	9	6	
	3	9/1/2008	9/30/2008	24	\$321,941.62	\$1,866,040.37	11	10	
	4	10/1/2008	10/31/2008	23	\$308,687.50	\$2,174,727.87	13	14	
	5	11/1/2008	11/30/2008	20	\$473,119.00	\$2,647,846.87	16	18	
	6	12/1/2008	12/31/2008	24	\$147,566.05	\$2,795,412.92	16	22	
	7	1/1/2009	1/31/2009	26	\$502,757.37	\$3,298,170.29	19	27	
	8	2/1/2009	2/28/2009	24	\$1,005,695.63	\$4,303,865.92	25	31	
	9	3/1/2009	3/31/2009	25	\$227,189.19	\$4,531,055.11	27	36	
	10	4/1/2009	4/30/2009	24	\$349,811.28	\$4,880,866.39	29	40	
	11	5/1/2009	5/31/2009	23	\$2,262,161.67	\$7,143,028.06	43	44	
	12	6/1/2009	6/30/2009	24	\$383,195.52	\$7,526,223.58	44	48	
	13	7/1/2009	7/31/2009	23	\$230,817.15	\$7,757,040.73	46	52	
	14	8/1/2009	8/31/2009	22	\$289,357.32	\$8,046,398.05	47	56	
	15	9/1/2009	9/30/2009	21	\$691,746.05	\$8,738,144.10	51	60	
	16	10/1/2009	10/31/2009	23	\$203,663.89	\$8,941,807.99	53	64	
	17	11/1/2009	11/30/2009	19	\$106,411.20	\$9,048,219.19	53	68	
	18	12/1/2009	12/31/2009	22	\$76,843.68	\$9,125,062.87	54	72	
	19	1/1/2010	1/31/2010	20	\$323,448.24	\$9,448,511.11	56	75	
	20	2/1/2010	2/28/2010	22	\$800,246.87	\$10,248,757.98	60	79	
	21	3/1/2010	3/31/2010	24	\$1,183,033.64	\$11,431,791.62	67	83	
	22	4/1/2010	4/30/2010	22	\$1,014,648.68	\$12,446,440.30	75	87	
	23	5/1/2010	5/31/2010	20	\$190,119.03	\$12,636,559.33	76	91	
	24	6/1/2010	6/30/2010	22	\$1,257,084.37	\$13,893,643.70	86	95	
	25	7/1/2010	7/31/2010	22	\$1,406,498.61	\$15,300,142.31	96	99	
	26	8/1/2010	8/31/2010	3	\$230,786.73	\$15,530,929.04	97	100	
	27	9/1/2010	9/30/2010	0	\$40,686.85	\$15,571,615.89	98	-	
	28	10/1/2010	10/31/2010	0	\$63,281.64	\$15,634,897.53	98	_	
	29	11/1/2010	11/30/2010	0	\$82,150.46		98	-	
					,				

1/28/2011 Comments - Substantial Completion has been issued and the Ribbon Cutting Ceremony was held on 8/13/2010. JC Evans continues to work on punchlist items.

Change Order Number	Approved	Cost This CO	Total COs
01	01/23/09	25,000.00	25,000.00

3M: County Convenience. Other. This change order sets up a force account pay item to pay the contractor for repairing damage to safety appurtenances on the project. 1A: Design Error or Omission. Incorrect PS&E. This change order revises Bid Item #48 from 467-2303 SET (TY II)(24 IN)(CMP)(6:1)(P) to 467-2288 SET (TY II)(24 IN)(RCP)(6:1)(P).

 Change Order Number
 Approved
 Cost This CO
 Total COs

 02
 6/9/2009
 0.00
 25,000.00

1A: Design Error or Omission. Incorrect PS&E. This change order revises Bid Item #15 from 340-2014 D-GR HMA (METH) TY-B PG70-22 to 341-2014 D-GR HMA (QC/QA) TY-B PG70-22.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 03
 7/9/2009
 22,350.00
 47,350.00

1A: Design Error or Omission: Incorrect PS&E. This change order allows the contractor to relocate an existing 8" waterline which is in conflict with proposed ditch grades, per revised cross sections. Waterline was lowered before construction based on original cross sections, which were incorrect.

<u>Change Order Number</u> <u>Approved</u> <u>Cost This CO</u> <u>Total COs</u>

04 7/21/2009 55,234.06 102,584.06

3M: County Convenience. Other. This change order allows Williamson County to adjust the amount of compensation to be paid to the contractor in proportion to the quality of the asphalt pavement produced and placed on the project.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 05
 7/21/2009
 91,768.04
 194,352.10

4B: Third Party Accommodation. Third party requested work. TxDOT requested that Culvert #11 be replaced due to its current condition. 1B: Design Error or Omission. Other. Before beginning construction on Culvert #11 it was discovered that a portion of the bottom of the top slab of the three boxes was deteriorated and the box needed to be replaced rather than just extended at each end. 3E: County Convenience. Reduction of future maintenance. Rock rip rap is being added in ditches and on slopes to reduce erosion.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 06
 9/11/2009
 -386.598.20
 -192.246.10

3H: County Convenience. Cost savings opportunity discovered during construction. It was determined that a large portion of the eastbound full-depth reconstruction areas could be constructed by simply overlaying the existing pavement with new asphalt. 1A: Design error or omission. Incorrect PS&E. The proposed pavement grades were designed to be lower than the existing grades in an area that called for asphalt level-up and overlay only. Therefore, the contractor was required to revise the method of construction in this area.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 07
 3/23/2010
 18,892.33
 -173,353.77

3M: County Convenience. Other. A County approved work method deleting 8" of lime treated subgrade was later rejected by TxDOT. Flexible base placed without the lime treated subgrade was removed and replaced after the subgrade was processed with lime. This change order provides payment for the extra work.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 08
 5/3/2010
 -352,437.79
 -525,791.56

3H: County Convenience. Cost savings opportunity discovered during construction. A majority of the full-depth reconstruction of eastbound lanes will be eliminated and replaced with an asphalt overlay. This change results in a considerable cost savings to Williamson County.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 09
 6/18/2010
 4.600.00
 -521.191.56

4B: Third Party Accommodation. Third party requested work. TxDOT requested that Culvert #11 be replaced or repaired due to its current condition. 1B: Design Error or Omission. Other. Before beginning construction on Culvert #11 it was discovered that a portion of the bottom of the top slab of the three boxes was deteriorated and the box needed to be replaced or repaired rather than just extended at each end. This change order adds fifty-five (55) additional working days and additional traffic handling costs to the contract due to revisions made to the construction of Culvert #11.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 10
 7/1/2010
 -242,271.50
 -763,463.06

3H: County Convenience. Cost savings opportunity discovered during construction. This change order replaces the Stone-Matrix Asphalt (SMA) paving with a Permeable Friction Course (PFC) pavement which creates a cost savings to the project. The PFC increases visibility during wet weather by reducing the amount of water on the roadway surface.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 11
 9/23/2010
 36,608.76
 -726,854.30

3F: County Convenience. Additional work desired by the county. This change order provides for the installation of a permanent traffic counter to quantify traffic on US 79 for Williamson County reimbursement in accordance with the Pass Through Financing Agreement with TxDOT.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 12
 11/16/2010
 47,643.52
 -679,210.78

2J: Differing Site Conditions (unforeseeable). Other. Additional riprap was required to reduce erosion in ditches and at culverts. 3M: County Convenience. Other. Drainage slots were required to be cut in the concrete mow strips at guardrail locations so the PFC asphalt surface course can drain properly. 1B: Design Error or Omission. Other. Ditch excavation quantities on the UPRR ROW were not included in the original plan quantities.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 13
 11/30/2010
 -338.170.26
 -1.017.381.04

4B: Third Party Accommodation. Third party requested work. TxDOT requested that the east end of the project be overlayed with asphalt and re-striped beyond the original project limits for the final pavement tie-in in order to conceal the detour striping. Additionally, TxDOT requested additional metal beam guard fence be added at Culvert #11 after the original planned guard fence was placed. This required removing some previously placed concrete riprap. 3M: County Convenience. Other. Reconciling final quantities on a number of items results in spending less money than originally planned to construct the project.

Adjusted Price = \$15,968,672.45

Project No. 08WC619 TxDOT CSJ: 0204-04-040							Original Con	tract Price =	\$20,021,693.92
Letting	Award	Notice To Proceed	Begin Work	Anticipated Work Complete	Work Accepted		<u>Total Bid</u> Days	<u>Days</u> Added	<u>Total</u> Days
		Froceed	WOIK	work Complete	Accepted		Days	Added	Days
10/29/2008	11/18/2008	1/12/2009	1/27/2009	5/16/2011			593	0	593
	Invoice	Beginning	Ending	Days	Current	Invoice	<u>% (\$)</u>	% Time	
	Number	Date	Date	Charged	Invoice	Total	Used	Used	
	1	1/27/2009	1/31/2009	4	\$1,072,701.94	\$1,072,701.94	5	1	
	2	2/1/2009	2/28/2009	20	\$1,522,944.68	\$2,595,646.62	13	4	
	3	3/1/2009	3/31/2009	22	\$788,518.66	\$3,384,165.28	17	8	
	4	4/1/2009	4/30/2009	21	\$502,872.77	\$3,887,038.05	19	11	
	5	5/1/2009	5/31/2009	22	\$757,178.89	\$4,644,216.94	23	15	
	6	6/1/2009	6/30/2009	22	\$711,613.42	\$5,355,830.36		19	
	7	7/1/2009	7/31/2009	22	\$635,205.99	\$5,991,036.35	30	22	
	8	8/1/2009	8/31/2009	21	\$1,677,078.01	\$7,668,114.36		26	
	9	9/1/2009	9/30/2009	21	\$1,431,729.03	\$9,099,843.39	45	30	
	10	10/1/2009	10/31/2009	22	\$538,454.63	\$9,638,298.02	48	33	
	11	11/1/2009	11/30/2009	19	\$1,169,970.14	\$10,808,268.16	54	36	
	12	12/1/2009	12/31/2009	21	\$535,790.54	\$11,344,058.70	57	40	
	13	1/1/2010	1/31/2010	21	\$545,272.91	\$11,889,331.61	59	44	
	14	2/1/2010	2/28/2010	22	\$390,830.34	\$12,280,161.95	61	47	
	15	3/1/2010	3/31/2010	23	\$136,256.55	\$12,416,418.50	62	51	
	16	4/1/2010	4/30/2010	22	\$716,717.16	\$13,133,135.66	66	55	
	17	5/1/2010	5/31/2010	20	\$302,046.40	\$13,435,182.06		58	
	18	6/1/2010	6/30/2010	23	\$1,386,857.06	\$14,822,039.12	75	62	
	19	7/1/2010	7/31/2010	22	\$470,458.44	\$15,292,497.56		66	
	20	8/1/2010	8/31/2010	22	\$1,300,111.42	\$16,592,608.98	82	69	
	21	9/1/2010	9/30/2010	23	\$1,232,191.75	\$17,824,800.73	88	73	
	22	10/1/2010	10/31/2010	24	\$1,888,643.93	\$19,713,444.66	97	77	
	23	11/1/2010	11/6/2010	5	\$50,237.75	\$19,763,682.41	97	78	
	24	11/7/2010	11/30/2010	15	\$395,953.41	\$20,159,635.82	99	81	
	25	12/1/2010	12/31/2010	23	\$47,818.41	\$20,207,454.23	100	85	
	26	1/1/2011	1/31/2011	21	\$28,123.91	\$20,235,578.14	100	88	

Comments - The Ribbon Cutting Ceremony was held on 12/20/2010. Hunter paved and striped the widening section on FM 619 and installed the 1/28/2011 delineators for the FM 619 turn lane. The contractor also finished the ditch grading modifications at that intersection and began work on anticipated punchlist items throughout the project.

Change Order Number	Approved	Cost This CO	Total COs
01	6/9/2009	5,534.58	5,534.58

2E: Differing Site Conditions (unforeseeable). Miscellaneous difference in site conditions (unforeseeable). This change order compensates the Contractor for the additional costs associated with plugging three (3) existing hand dug water wells discovered within the ROW limits.

Change Order Number Cost This CO Total COs Approved 7/28/2009 84,609.58 79.075.00

2G: Differing Site Conditions. Unadjusted utility (unforeseeable). This change order allows for the relocation of a waterline that was in conflict with proposed ditch grades and was also under proposed pavement in some areas.

Change Order Number Cost This CO **Total COs** Approved 03 7/13/2009 1.546.07 86,155,65

6C: Untimely ROW/Utilities. Utilities not clear. This change order allows for the contractor to cut, and cap as necessary, existing utility lines that currently run from the Lumpkin property onto the ROW.

Change Order Number Cost This CO Total COs Approved 9/30/2009 -55,081.50 31,074.15

6C: Untimely ROW/Utilities. Utilities not clear. This change order allows for the contractor to relocate an existing 8" waterline in Thrall that is in conflict with proposed storm sewer pipe. 3H: County Convenience. Cost savings opportunity discovered during construction. Due to a revised paving plan through the City of

Thrall, several waterline crossings will not need to be constructed in town. Change Order Number Approved Cost This CO **Total COs** 

9/30/2009 -448,146.46 -417,072.31 5B: Contractor Convenience. Contractor requested change in the sequence and/or method of work. Contractor noted it would be difficult to construct the pavement through Thrall utilizing the original traffic control plans. 3H: County Convenience. Cost savings opportunity discovered during construction. Revising the pavement design through Thrall also allowed for a revised traffic control plan which in turn reduced the overall cost to the project.

Cost This CO Total COs Change Order Number Approved 9/30/2009 -48,155.70 -465,228.01

3H: County Convenience. Cost savings opportunity discovered during construction. Place topsoil in lieu of compost manufactured topsoil.

05

Change Order Number Approved Cost This CO Total COs 10/27/2009 3,000.00 -462,228,01

3L: County Convenience. Revising safety work/measures desired by the County. Allows the contractor to use off-duty police officers or other traffic safety measures to assist in traffic safety during traffic switches, night work, etc.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 08
 5/3/2010
 17,071.56
 -445,156.45

1B: Design Error or Omission. Other. Mailbox turnout construction was omitted from the original plans. 2I: Differing Site Conditions. Additional safety needs (unforeseeable). FM 619 needed to be reconstructed an additional 100 LF beyond the original plan limits to provide safer sight distance at the intersection with US 79

 Change Order Number
 Approved
 Cost This CO
 Total COs

 09
 6/23/2010
 75,147.83
 -370,008.62

3M: County Convenience. Other. This change order allows Williamson County to adjust the amount of compensation to be paid to the contractor in proportion to the quality of the asphalt pavement produced and placed on the project.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 10
 8/23/2010
 6,967.32
 -363,041.30

2J: Differing Site Conditions (unforeseeable). Other. Additional work required to repair a drilled shaft which was damaged by an errant driver.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 11
 9/16/2010
 54,792.33
 -308,248.97

2F: Differing Site Conditions (unforseeable). Site conditions altered by an act of nature. Adding concrete riprap to prevent erosion of ditches. 3L: County Convenience. Revising safety work/measures desired by the County. An existing overhead sign was relocated during Phase 2 construction. 1B: Design Error or Omission. Other. TxDOT requested repairs to existing culvert headwalls which were not included in the PS&E.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 12
 11/16/2010
 230,946.86
 -77,302.11

1B: Design Error or Omission. Other. The original plans did not include adequate quantities for the Type B level-up asphalt. 3H: County Convenience. Cost savings opportunity discovered during construction. This change order replaces the Stone-Matrix Asphalt (SMA) pavement with a Permeable Friction Course (PFC) pavement, which creates a cost savings to the project. The PFC increases visibility during wet weather by reducing the amount of water on the roadway surface. 5B: Contractor Convenience. Contractor requested change in the sequence and/or method of work. The contractor requested to use additional flex base in lieu of lime stabilized subgrade on certain areas of the project, which created a cost savings to the project.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 13
 11/30/2010
 18,859.72
 -58,442.39

3F: County Convenience. Additional work desired by the County. This change order provides for the installation of a permanent traffic counter to quantify traffic on US 79 for Williamson County reimbursement in accordance with the Pass Through Financing Agreement with TxDOT.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 14
 11/30/2010
 23.884.52
 -34.557.87

2I: Differing Site Conditions (unforseeable). Additional safety needs. Improvements at the US 79 / FM 619 intersection at TxDOT's request to more clearly direct traffic through the intersection, including widening the pavement radius at the northeast corner, as well as, adding flexible delineator assemblies and route shield pavement markings on the westbound US 79 pavement. 1A: Design Error or Omission. Incorrect PS&E. The plans did not included a pay item for pavement markings for railroad crossings.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 15
 11/30/2010
 9,252.65
 -25,305.22

4B: Third Party Accommodation. Third Party Requested Work. The plans provided no details for the final pavement tie-in beyond the original project limits, so TxDOT requested that the west end of the project be overlayed with asphalt and re-striped in order to eliminate the remnants of the detour striping. 2J: Differing Site Conditions (unforeseeable). Other. Reconciliation of final paving quantities for PFC surface course, underseal for the PFC, and Ty C surface course asphalt through Thrall to recognize a cost savings to the project.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 16
 11/30/2010
 4.654.59
 -20.650.63

2J: Differing Site Conditions (unforeseeable). Other. Additional work required to repair a damaged crash cushion which was hit by an errant driver.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 17
 11/30/2010
 304.028.33
 283.377.70

1B: Design Error or Omission. Other. The original plans did not include correct quantities for the Type C asphalt. 2G. Differing Site Conditions (unforeseeable). Unadjusted utility. One existing illumination assembly needed to be relocated due to its proximity to the edge of the new pavement near the intersection of FM 619.

Adjusted Price = \$20,305,071.62





#### **BUSINESS 79 DRAINAGE IMPROVEMENTS**

Project Description: Drainage improvements consisting of culverts, channel grading, and drainage structures

Project Schedule: April 2010 - March 2011 Estimated Construction Cost: \$4.5 Million



#### **JANUARY 2011 IN REVIEW**

**01/07/2011:** Subcontractor Bryant & Frey completed hand digging and pumping grout for Barrel 3 of Creek Crossing 1. The contractor began grouting the floor of the liner plates in order to begin pushing pipe next week.

**01/14/2011:** Bryant & Frey has completed pushing the 72" RCP through Barrel 3 of Creek Crossing 1 and grouted between the RCP and liner plates. B&F began preparations to start hand digging Barrel 2 on Creek Crossing 1 next week.

**01/21/2011:** Bryant & Frey began hand digging and pumping grout for Barrel 2 on Creek Crossing 1. At the end of the week, the contractor had completed approximately 20 LF of the 94 LF tunnel. Austin Engineering (AECO) began placing the remaining RCP on the downstream end of Barrel 3.

**01/28/2011:** Bryant & Frey continues hand digging and pumping grout for Barrel 2 on Creek Crossing 1. At the end of the week, the contractor had completed approximately 43.5 LF of the 94 LF tunnel. AECO completed placing the remaining RCP on the downstream end of Barrel 3 and began excavating the downstream channels for Creek Crossing 2 and Line E.



Design Engineer: Halff Associates Contractor: Austin Engineering Construction Observation: Ryan Rivera, HNTB Corporation Dennis Kleppe, City of Taylor

Williamson County Road Bond Program





Project No.	09WC/12						Original Contract Price =		\$3,735,873.35
Letting	Award	Notice To Proceed	Begin Work	Anticipated Work Complete	Work Accepted		Total Bid Days	<u>Days</u> <u>Added</u>	<u>Total</u> <u>Days</u>
11/19/2009	12/15/2009	3/26/2010	4/7/2010	3/6/2011			304	30	334
Invoice	Beginning	Ending	<u>Days</u>	Current	Invoice	Current	<u>Total</u>	<u>% (\$)</u>	% Time
Number	Date	Date	Charged	Invoice	Total	Retainage	Retainage	Used	Used
1	4/7/2010	4/30/2010	24	\$153,536.40	\$153,536.40	\$17,059.60	\$17,059.60	4	7
2	5/1/2010	5/31/2010	31	\$315,654.07	\$469,190.47	\$35,072.67	\$52,132.27	14	16
3	6/1/2010	6/30/2010	30	\$446,515.20	\$915,705.67	\$49,612.80	\$101,745.07	27	25
4	7/1/2010	7/31/2010	31	\$516,644.68	\$1,432,350.35	\$57,404.97	\$159,150.04	42	35
5	8/1/2010	8/31/2010	31	\$129,021.10	\$1,561,371.45	\$14,335.68	\$173,485.72	46	44
6	9/1/2010	9/30/2010	30	\$20,700.00	\$1,582,071.45	\$2,300.00	\$175,785.72	39	53
7	10/1/2010	10/31/2010	31	\$206,908.58	\$1,788,980.03	\$22,989.84	\$198,775.56	44	62
8	11/1/2010	11/30/2010	30	\$159,507.79	\$1,948,487.82	\$17,723.09	\$216,498.65	48	71
9	12/1/2010	12/31/2010	31	\$246,300.38	\$2,194,788.20	\$27,366.71	\$243,865.36	54	81
10	1/1/2011	1/31/2011	31	\$325,167.20	\$2,519,955.40	-\$111,236.13	\$132,629.23	59	90
Change Order N	<u>Number</u>		Approved			Cost This CO			Total COs
01			8/13/2010			26,034.75			26,034.75

<sup>2</sup>I: Differing Site Conditions. Additional safety needs (unforeseeable). 4B. Third Party Accommodation. Third party requested work. To address Union Pacific Railroad's safety concerns for their employees, the Line F bore was required to be lengthened under the UPRR rail yard service road and water barriers were added as additional safety devices. When the bore was lengthened, the run of 8x5 boxes was shortened and the quantity of trench protection required was decreased.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 02
 8/31/2010
 41,083.24
 67,117.99

4B: Third Party Accommodation. Third party requested work. The City of Taylor has requested additional work (see attached) to be added the contract. This additional work will be paid for by the City of Taylor as part of the ILA with Williamson County. Thirty (30) days were added to the Contract.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 03
 9/8/2010
 20,005.78
 87,123.77

2E: Differing Site Conditions (unforeseeable). Miscellaneous difference in site conditions (unforeseeable) (Item 9). Due to debris found during the Line F bore causing an adjustment in alignment of the second run of pipe, the contractor will have to install two 60" RCP bends to realign the pipe outside the limits of the bore to meet the original design. In addition, Junction Box F-2 must be widened to accommodate the realigned pipe. 2G: Differing Site Conditions (unforeseeable). Unadjusted utility (unforeseeable). The contractor had to core into the proposed Line F drainage culvert in order to connect an additional existing drainage pipe. 4B: Third Party Accommodation. Third party requested work. Extra asphalt was placed along Sturgis in order to repair the entire width instead of leaving a 5' wide stretch of old asphalt along the whole length of Sturgis Street.

 Change Order Number
 Approved
 Cost This CO
 Total COs

 04
 9/9/2010
 667,610.00
 754,733.77

2E. Differing Site Conditions (unforeseeable). Miscellaneous difference in site conditions (unforeseeable) (Item 9). Due to settlement issues of the railroad ballast caused by boring through debris encountered during the Line F bore and the trestle bridge bent encountered during the first Culvert #1 bore, Union Pacific Railroad suspended the boring operations under the railroad tracks. This change order compensates the contractor for additional work to purchase and install tunnel liner plates, to add grout between the liner plates and the RCP, and for daily grouting between the liner plates and the exposed earth (as opposed to grouting the whole line once the bore was completed).

Adjusted Price = \$4,490,607.12

Omiginal Contract Dries -

#### Chandler Road Phase 3B (CR 368/369 to SH 95)

Project No. 09WC717		`		,		(	Original Contr	act Price =	\$5,649,034.60
Letting	Award	Notice To Proceed	Begin Work	Substantially Complete	Work Accepted		Total Bid Days	<u>Days</u> <u>Added</u>	Total Days
6/24/2009	7/14/2009	9/21/2009	10/1/2009	10/7/2010			365	0	365
Invoice Number 1 2 3 4 5 6 7 8 8A 9 10 11	Beginning Date 10/1/2009 11/1/2009 12/1/2010 1/1/2010 2/1/2010 3/1/2010 4/1/2010 5/1/2010 6/1/2010 7/1/2010 8/1/2010 9/1/2010	Ending Date 10/31/2009 11/30/2009 12/31/2010 1/31/2010 2/28/2010 3/31/2010 4/30/2010 5/31/2010 6/30/2010 7/31/2010 8/31/2010 9/30/2010	Days Charged 31 30 31 31 28 31 30 31 0 30 31 31 30	Current Invoice \$78,713.10 \$82,998.00 \$844,282.66 \$208,681.20 \$293,546.88 \$418,017.69 \$439,833.24 \$718,109.87 \$171,386.23 \$251,031.73 \$221,050.23 \$555,139.92 \$781,106.16	Invoice Total \$78,713.10 \$161,711.10 \$1,005,993.76 \$1,214,674.96 \$1,508,221.84 \$1,926,239.53 \$2,366,072.77 \$3,084,182.64 \$3,255,568.87 \$3,506,600.60 \$3,727,650.83 \$4,282,790.75 \$5,063,896.91	Current Retainage \$8,745.90 \$9,222.00 \$93,809.18 \$23,186.80 \$32,616.32 \$46,446.41 \$48,870.36 \$79,789.99 -\$171,341.23 \$13,212.20 \$11,634.22 \$29,217.89 \$41,110.85	Total Retainage \$8,745.90 \$17,967.90 \$111,777.08 \$134,963.88 \$167,580.20 \$214,026.61 \$262,896.97 \$342,686.96 \$171,345.73 \$184,557.93 \$196,192.15 \$225,410.04 \$266,520.89	% (\$) Used 2 3 20 24 30 28 47 61 61 66 70 80 95	% Time Used 8 17 25 34 41 50 58 67 67 75 83 92 100
13	10/1/2010	11/30/2010	0	\$241,851.48	\$5,305,748.39	\$12,729.03	\$279,249.92	100	100
1/28/2011	Comments -	Ribbon Cutting	Ceremony wa	as held on 10/1/20	10. Chasco conti	nues to work or	punchlist items a	and water for ve	egetation

1/28/2011 Comments - Ribbon Cutting Ceremony was held on 10/1/2010. Chasco continues to work on punchlist items and water for vegetation establishment.

Change Order Number	<u>Approved</u>	Cost This CO	<u>Total COs</u>
01	9/28/2010	-44,128.25	-44,128.25

3C: County Convenience. Implementation of a Value Engineering finding. The decision was made to restructure the size of drainage channel by installing new cross culverts to eliminate a large section of concrete riprap. Also, through the utilization of precast box culverts in lieu of cast-in-place boxes and installing the boxes under traffic with appropriate traffic controls, the Contractor will be able to eliminate the road closure and detour for CR 366 on the north end of project designated to occur in Phase II construction. 3F: County Convenience. Additional work desired by the County. The County is obligated to furnish two driveways on the Walther property and a pipe encasement crossing the new ROW on the Wolbrueck property in accordance with the ROW agreements. 2E: Differing Site Conditions (unforseeable). Miscellaneous difference in site conditions (unforeseeable) (Item 9). Further testing of subgrade material indicated a need to increase lime treatment from 6% to 8%.

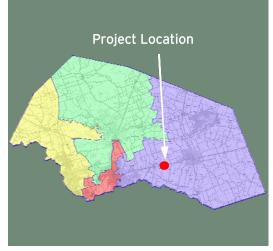
 Change Order Number
 Approved
 Cost This CO
 Total COs

 02
 10/25/2010
 900.00
 -43,228.25

3F: County Convenience. Additional work desired by the County. Williamson County has requested additional Bermuda seed be added to the contract seeding mix to achieve sufficient vegetative coverage throughout the project.

Adjusted Price = \$5,605,806.35





#### **US 79 SECTION 3**

(East of FM 1660 to CR 402)

Project Length: 3.4 Miles

Roadway Classification: Rural/Suburban Arterial

Roadway Section: 4-Lane Divided

Project Schedule: September 2010 - December 2011

Estimated Construction Cost: \$11.5 Million



#### **JANUARY 2011 IN REVIEW**

**01/07/2011:** Subcontractor DNT is placing and processing second course flex base from the east end of the project to just east of the Covert dealership.

**01/14/2011:** DNT began placing third course flex base at the east end of the project after densities were met on the second course flex base. The contractor also completed processing the final course of flex base on CR 101.

**01/21/2011:** DNT began stripping topsoil along with excavation and embankment operations at the very west end of the project, removing the existing arch corrugated metal pipes and realigning the ditch.

**01/28/2011:** DNT continues to place, process, and blue-top the third course flex base from the east end of the project working west. The contractor began installing area inlets on the 5x2 box culverts in front of Covert.



Design Engineer: Klotz Contractor: JD Ramming

Construction Inspection: Raba Kistner

Williamson County
Pass Through Financing Program





### PASS THROUGH FINANCING: US 79 Section 3 (East of FM 1660 to CR 402) Project No. 10WC817 TyDOT CSJ: 0204-02-027

Project No. 10WC817 1xDOT CSJ: 0204-02-027							Original Cont	ract Price =	\$11,500,547.03
Letting	Award	Notice To Proceed	Begin Work	Anticipated Work Complete	Work Accepted		Total Bid Days	<u>Days</u> <u>Added</u>	<u>Total</u> <u>Days</u>
6/30/2010	7/30/2010	9/13/2010	9/27/2010	12/2011			455	0	455
	<u>Invoice</u> Number	Beginning Date	Ending Date	<u>Days</u> Charged	<u>Current</u> Invoice	<u>Invoice</u> Total	% (\$) Used	% Time Used	
	1	9/15/2010	9/30/2010	2	\$489,761.30	\$489,761.30		0	
	2	10/1/2010	10/31/2010	31	\$715,593.21	\$1,205,354.51	10	7	
	3	11/1/2010	11/30/2010	30	\$1,069,439.18	\$2,274,793.69	20	14	
	4	12/1/2010	12/31/2010	31	\$808,670.31	\$3,083,464.00	27	21	
	5	1/1/2011	1/31/2011	31	\$450,485.50	\$3,533,949.50	31	27	
Change Order N	<u>Number</u>		Approved			Cost This CO			Total COs
01			8/25/2010			0.00			0.00

<sup>1</sup>A. Design Error or Omission. Incorrect PS&E. In the release of Addendum #3, the Engineer inadvertently added a bid item back in for Vegetative Watering, which had been changed to be a subsidiary cost in Addendum #2. This change order deletes the Vegetative Watering bid item and moves that cost to mobilization.

Adjusted Price = \$11,500,547.03