

Received

JUN 30 2011

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 3

Hunt Zellers

JUN 30 2011

RECEIVED

JUL 01 2011

BY: PSI

Received

JUL 6 2011

HNTB Corporation
Round Rock, TX1. CONTRACTOR: Chasco Constructors2. Change Order Work Limits: Sta. 55+00 to Sta. 59+003. Type of Change (on federal-aid non-exempt projects): Minor (Major/Minor)4. Reasons: 1B, 4B (3 Max. - In order of Importance - Primary first)

5. Describe the work being revised:

1B: Design Error or Omission. Other. The original plans did not provide details for the sidewalk construction beyond the bridge approach slabs. **4B: Third Party Accommodation.** Third party requested work. TxDOT requested that one core hole per bridge bent be drilled during drilled shaft construction.

6. Work to be performed in accordance with Items: See attached.7. New or revised plan sheet(s) are attached and numbered: 9, 11, 12, 54, 55B, 658. New Special Provisions to the contract are attached: ☐ Yes ☒ No9. New Special Provisions to Item N/A No. N/A, Special Specification Item N/A are attached.

Each signatory hereby warrants that each has the authority to execute this Change Order (CO).

<i>The contractor must sign the Change Order and, by doing so, agrees to waive any and all claims for additional compensation due to any and all other expenses; additional changes for time, overhead and profit; or loss of compensation as a result of this change.</i> THE CONTRACTOR Date <u>6-28-11</u> By <u>[Signature]</u> Typed/Printed Name <u>BILL BAMBRICK</u> Typed/Printed Title <u>PROJECT MGR</u>	The following information must be provided Time Ext. #: <u>N/A</u> Days added on this CO: <u>0</u> Amount added by this change order: <u>\$7,431.85</u>
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RECOMMENDED FOR EXECUTION:

[Signature] P.E. 6/30/11
 Project Manager
 Construction Observer

 Design Engineer Date

[Signature] 7/4/2011
 Program Manager Date

Design Engineer's Seal:

See Revised Sheets

County Commissioner Precinct 1 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 2 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 3 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 4 Date
☐ APPROVED ☐ REQUEST APPROVAL

[Signature] 7-12-11
 County Judge
 Presiding Commissioner

*Number of days to be added by Time Extension to be determined upon completion of work and detailed review of schedule. If justified, days will be added under a separate Change Order.

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 3

Project # 10WC812

TABLE A: Force Account Work and Materials Placed into Stock

	LABOR	HOURLY RATE			HOURLY RATE

TABLE B: Contract Items

ITEM	DESCRIPTION	UNIT	UNIT PRICE	ORIGINAL + PREVIOUSLY REVISED		ADD or (DEDUCT)	NEW		OVERRUN/ UNDERRUN
				QUANTITY	ITEM COST		QUANTITY	ITEM COST	
432-2048	RIPRAP (CONC)(FLUME)	CY	\$297.00	34.70	\$10,305.90	2.90	37.60	\$11,167.20	\$861.30
531-2015	CONC SIDEWALKS (4")	SY	\$30.00	0.00	\$0.00	50.00	50.00	\$1,500.00	\$1,500.00
531-2018	CURB RAMPS (SPECIAL)	EA	\$750.00	0.00	\$0.00	2.00	2.00	\$1,500.00	\$1,500.00
531-2034	CONC SIDEWALK (DRAIN)	LF	\$203.00	0.00	\$0.00	10.00	10.00	\$2,030.00	\$2,030.00
COG-005	CONC CURB & GUTTER	LF	\$8.15	4,110.00	\$33,496.50	97.00	4,207.00	\$34,287.05	\$790.55
416-9000	DRILL SHAFT CORE HOLE	EA	\$125.00	0.00	\$0.00	6.00	6.00	\$750.00	\$750.00
TOTALS					\$43,802.40			\$51,234.25	\$7,431.85

CHANGE ORDER REASON(S) CODE CHART

1. Design Error or Omission	1A. Incorrect PS&E 1B. Other
2. Differing Site Conditions (unforeseeable)	2A. Dispute resolution (expense caused by conditions and/or resulting delay) 2B. Unavailable material 2C. New development (conditions changing after PS&E completed) 2D. Environmental remediation 2E. Miscellaneous difference in site conditions (unforeseeable)(Item 9) 2F. Site conditions altered by an act of nature 2G. Unadjusted utility (unforeseeable) 2H. Unacquired Right-of-Way (unforeseeable) 2I. Additional safety needs (unforeseeable) 2J. Other
3. County Convenience	3A. Dispute resolution (not resulting from error in plans or differing site conditions) 3B. Public relations improvement 3C. Implementation of a Value Engineering finding 3D. Achievement of an early project completion 3E. Reduction of future maintenance 3F. Additional work desired by the County 3G. Compliance requirements of new laws and/or policies 3H. Cost savings opportunity discovered during construction 3I. Implementation of improved technology or better process 3J. Price adjustment on finished work (price reduced in exchange for acceptance) 3K. Addition of stock account or material supplied by state provision 3L. Revising safety work/measures desired by the County 3M. Other
4. Third Party Accommodation	4A. Failure of a third party to meet commitment 4B. Third party requested work 4C. Compliance requirements of new laws and/or policies (impacting third party) 4D. Other
5. Contractor Convenience	5A. Contractor exercises option to change the traffic control plan 5B. Contractor requested change in the sequence and/or method of work 5C. Payment for Partnering workshop 5D. Additional safety work/measures desired by the contractor 5E. Other
6. Untimely ROW/Utilities	6A. Right-of-Way not clear (third party responsibility for ROW) 6B. Right-of-Way not clear (County responsibility for ROW) 6C. Utilities not clear 6D. Other

Williamson County Road Bond Project

**CR 104 – Phase II
Williamson County Project No. 10WC812**

Change Order No. 3

Reason for Change

This Change Order provides payment to the contractor to construct the portion of sidewalk that extended beyond the approach slabs at the Mankins Branch Bridge. The original plans did not include construction details for this portion of the sidewalk. In addition to increasing quantities for concrete flume and concrete curb and gutter, this Change Order adds three new pay items to the contract.

In addition, this Change Order adds a pay item to the contract to provide payment to the contractor for coring one drill shaft core hole per bridge bent in order to confirm that the drilled shaft foundations for the bridges were founded in solid material. These cores were taken at TxDOT's request, and this cost will be 90% reimbursed with federal funds. Pricing for the cores is set at \$125 each, per the specifications.

Following is a description of the new items required for this Change Order.

ITEM	DESCRIPTION	QTY	UNIT
531-2015	CONC SIDEWALKS (4")	50	SY
531-2018	CURB RAMPS (SPECIAL)	2	EA
531-2034	CONC SIDEWALK (DRAIN)	10	LF
416-9000	DRILL SHAFT CORE HOLE	6	EA

This Change Order results in a net increase of \$7,431.85 to the Contract amount, for an adjusted Contract total contract amount of \$2,259,507.95. The original Contract amount was \$2,247,002.60. As a result of this and all Change Orders to date, \$12,505.35 has been added to the Contract, resulting in a 0.56% net increase in the Contract Cost. No additional days will be added to or deducted from the Contract as a result of this Change Order.

Huitt~Zollars, Inc.

Kenneth L. 'Zeke' Zieschang, P.E.

2/24/2011 2:05:00 PM
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ITEM CODE								TOTAL											
ITEM NO.	DESC. CODE	SP NO.	DESCRIPTION	UNIT	COUNTY	TXDOT		EST.	FINAL	ITEM NO.	DESC. CODE	SP NO.	DESCRIPTION	UNIT	COUNTY	TXDOT		EST.	FINAL
100	2002	002	PREPARING ROW	STA	51	5		56		400	005		CONC CURB & GUTTER	LF	4207	0		4207	
105	2008		REMOVING STAB BASE AND ASPH PAV (6")	SY	2259	902		3161		530	2004		INTERSECTIONS (CONC)	SY	237	0		237	
106	2002		OBUTERATING ABANDONED ROAD	SY	2259	902		3161		530	2010		DRIVEWAYS (CONC)	SY	376	0		376	
110	2001		EXCAVATION (ROADWAY)	CY	15938	550		16488		530	2011		DRIVEWAYS (ACP)	SY	489	0		489	
110	2008		EXCAVATION (SPECIAL)	CY	192	8		200		530	2017		TURNOUTS (ACP)	SY	157	0		157	
132	2003		EMBANKMENT (FINAL)(ORD COMP)(TY 8)	CY	6186	1256		7442		531	2015		CONC SIDEWKS (4")	SY	0	50		50	
160	2003		FURNISHING AND PLACING TOPSOIL (4")	SY	18540	2414		20954		531	2018		CURB RAMPS (SPECIAL)	EA	0	2		2	
164	2035	002	DRILL SEEDING (PERM) (RURAL) (CLAY)	SY	18540	2414		20954		531	2034		CONC SIDEWALK (DRAIN)	LF	0	10		10	
164	2041	002	DRILL SEEDING (TEMP) (WARM)	SY	9270	1207		10477		540	2011	015	MTL BEAM GD FEN TRANS (THRIE-BEAM)	EA	4	4		8	
164	2043	002	DRILL SEEDING (TEMP) (COOL)	SY	9270	1207		10477		544	2001		GUARDRAIL END TREATMENT (INSTALL)	EA	4	4		8	
247	2044	033	FLBS (CMP IN PLC)(TY A GR 4)(FINAL POS	CY	10982	470		11452		560	2004	001	MAILBOX INSTALL-S (WC-POST) TY 3 FND	EA	14	0		14	
250	2002	001	LIME (HYDRATED) (SLURRY)	TON	631	27		658		644	2001		INS SM RD SN SUP&AM TY 10BWG(1) SA(P)	EA	6	0		6	
260	2027	001	LIME TRT (EXST MATL) (8")	SY	27745	1187		28932		644	2004		INS SM RD SN SUP&AM TY 10BWG(1) SA(T)	EA	4	0		4	
310	2005		PRIME COAT (MC-30 OR AE-P)	GAL	4806	209		5015		644	2056		RELOCATE SM RD SN SUP & AM TY 10BWG	EA	4	0		4	
340	2034	003	O-GR HMA (METH) TY-C PG64-22	TON	3745	174		3919		644	2060		REMOVE SM RD SN SUP & AM	EA	2	0		2	
416	2001		DRILL SHAFT (18 IN)	LF	82	102		184		658	2240		INSTL DEL ASSM (D-SW)S2 (FLX)GF2	EA	12	12		24	
416	2003		DRILL SHAFT (30 IN)	LF	215	520		735		662	2067		WK ZN PAV MRK REMOV (W) 4" (SLD)	LF	1541	0		1541	
420	2003	002	CL C CONC (ABUT)	CY	78.0	84.4		162.4		662	2099		WK ZN PAV MRK REMOV (Y) 4" (SLD)	LF	7683	0		7683	
420	2004	002	CL C CONC (BENT)	CY	0	59.2		59.2		622	2106		WK ZN PAV MRK REMOV (Y) 24" (SLD)	LF	302	0		302	
420	2033	002	CL S CONC (APPR SLAB)	CY	148.2	180.6		328.8		666	2011		REFL PAV MRK TY I (W) 4" (SLD)(090MIL)	LF	15600	1080		16680	
420	2034	002	CL S CONC (BRIDGE SDWLK)	CY	0	40.2		40.2		666	2035		REFL PAV MRK TY I (W) 8" (SLD)(090MIL)	LF	200	0		200	
422	2001		REINF CONC SLAB	SF	3220	12421		15641		666	2047		REFL PAV MRK TY I (W) 24"(SLD)(090MIL)	LF	77	0		77	
425	2003	001	PRESTR CONC BEAM (TY C)	LF	417.24	1660.86		2078.10		666	2053		REFL PAV MRK TY I (W) (ARROW) (090MIL)	EA	4	0		4	
428	2001		CONC SURF TREAT (CLASS I)	SY	358	1380		1738		666	2095		REFL PAV MRK TY I (W) (WORD) (090MIL)	EA	4	0		4	
432	2002		RIPRAP (CONC) (5 IN)	CY	11.2	0		11.2		666	2104		REFL PAV MRK TY I (Y) 4" (BRK)(090MIL)	LF	3610	270		3880	
432	2033		RIPRAP (STONE COMMON)(DRY)(12 IN)	CY	523	175		698		666	2110		REFL PAV MRK TY I (Y) 4" (SLD)(090MIL)	LF	15710	1080		16790	
432	2040		RIPRAP (MOW STRIP) (5 IN)	CY	17.2	17.2		34.4		666	2131		REFL PAV MRK TY I (Y) 24"(SLD)(090MIL)	LF	48	0		48	
432	2048		RIPRAP (CONC) (FLUME)	CY	9.2	38.4		37.6		666	2145		REF PAV MRK TY II (W) 4" (SLD)	LF	15600	1080		16680	
450	2016	001	RAIL (TY C203)	LF	228	565		793		666	2153		REF PAV MRK TY II (W) 8" (SLD)	LF	200	0		200	
454	2005		ARMOR JOINT (WITH SEAL)	LF	118	136		254		666	2157		REF PAV MRK TY II (W) 24" (SLD)	LF	77	0		77	
460	2003		CMP (GAL STL 18 IN)	LF	262	0		262		666	2160		REF PAV MRK TY II (W) (ARROW)	EA	4	0		4	
460	2004		CMP (GAL STL 24 IN)	LF	36	0		36		666	2173		REF PAV MRK TY II (W) (WORD)	EA	4	0		4	
464	2003	003	RC PIPE (CL III)(18 IN)	LF	628	0		628		666	2176		REF PAV MRK TY II (Y) 4" (BRK)	LF	3610	270		3880	
464	2005	003	RC PIPE (CL III)(24 IN)	LF	113	0		113		666	2178		REF PAV MRK TY II (Y) 4" (SLD)	LF	15710	1080		16790	
464	2007	003	RC PIPE (CL III)(30 IN)	LF	1188	0		1188		666	2185		REF PAV MRK TY II (Y) 24" (SLD)	LF	48	0		48	
464	2009	003	RC PIPE (CL III)(36 IN)	LF	425	0		425		672	2012	034	REFL PAV MRK TY I-C	EA	21	0		21	
464	2010	003	RC PIPE (CL III)(42 IN)	LF	671	0		671		672	2015	034	REFL PAV MRK TY II-A-A	EA	421	27		448	
COG	001		INLET (10")	EA	2	0		2		677	2001		EUM EXIST PAV MRK & MRKS (4")	LF	12449	0		12449	
COG	002		INLET (15")	EA	4	0		4		677	2003		EUM EXIST PAV MRK & MRKS (8")	LF	200	0		200	
COG	001		INLET (AREA)	EA	4	0		4		677	2008		EUM EXIST PAV MRK & MRKS (ARROW)	EA	4	0		4	
COG	003		JUNCTION BOX W/ MANHOLE (TYPE 1)	EA	4	0		4		677	2018		EUM EXIST PAV MRK & MRKS (WORD)	EA	4	0		4	
COG	004		JUNCTION BOX W/ MANHOLE (TYPE 2)	EA	3	0		3		1018	2001		TREE PROTECTION	EA	11	6		17	
466	2070		HEADWALL (CH-FW-Q)(DIA= 42 IN)	EA	1	0		1		WL	001		8" SDR-21 PVC (INCL BEDDING & TRACER WIRE)	LF	1141	0		1141	
467	2211		SET (TY II)(24 IN)(RCP)(3-1)(C)	EA	1	0		1		WL	002		8" GATE VALVE W/ BOX	EA	1	0		1	
467	2301		SET (TY II)(18 IN)(CMP)(6-1)(P)	EA	12	0		12		WL	003		8" WET CONNECTION	EA	1	0		1	
467	2303		SET (TY II)(24 IN)(CMP)(6-1)(P)	EA	2	0		2		WL	004		8" DRY CONNECTION	EA	1	0		1	
496	2009		REMOV STR (BRIDGE 0-99 FT LENGTH)	EA	1	1		2		WL	005		1-1/2" WET CONNECTION	EA	1	0		1	
496	2016		REMOV STR (PIPE)	EA	15	0		15		WL	006		1-1/2" GATE VALVE	EA	1	0		1	
500	2001	005	MOBILIZATION	LS	1	0		1		WL	007		2" FLUSH VALVE W/ 2 X F.H. ADAPTER	EA	1	0		1	
502	2001	003	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	12	0		12		WL	008		M/FITTINGS	LBS	685	0		685	
506	2002	010	ROCK FILTER DAMS (INSTALL) (TY 2)	LF	210	60		270		WL	009		DISCONNECT, RELOC. & RECON. EXIST. METER	EA	1	0		1	
506	2004	010	ROCK FILTER DAMS (INSTALL) (TY 4)	LF	39	39		78		WL	010		CEMENT STABILIZATION	LF	0	0		0	
506	2009	010	ROCK FILTER DAMS (REMOVE)	LF	249	99		348		WL	011		SILT FENCE	LF	253	0		253	
506	2016	010	CONSTRUCTION EXITS (INSTALL) (TY 1)	SY	240	0		240		WL	012		TRENCH SAFETY	LS	1	0		1	
506	2019	010	CONSTRUCTION EXITS (REMOVE)	SY	240	0		240		WL	9010		18" STEEL CASING W/ 6" CONCRETE CAP	LF	100	0		100	
506	2024	010	BACKHOE WORK (EROSION & SEDM CONT)	HR	24	0		24		5834	2001		PORTABLE CHANGEABLE MESSAGE SIGN	DAY	300	0		300	
506	2034	010	TEMPORARY SEDIMENT CONTROL FENCE	LF	6006	167		6173		ALTERNATE ITEMS									
450	2165		RAIL (TY C1W)	LF	228	565		793											

- 5/4/10 - ADDED ITEM FOR LIMS & EXCAV
- 5/7/10 - ADDED ITEM FOR PLANS
- 5/10/10 - ADDED COUNTY/TXDOT COLUMNS
- 5/14/10 - ADDED ITEM FOR TURNOUTS
- 11/20/10 - REMOV CEMENT STAB., ADD STEEL CASING W/ CONC. CAP
- 11/25/10 - STORM SEWER REDESIGN
- 12/23/10 - ADDED INLET #10
- 12/30/10 - REV W/ TIE-IN LOCATION
- 2/24/11 - ADDED SIGNAL, HEADS & FLUME



WILLIAMSON COUNTY
 TEXAS

STEGE BIZZELL

WILLIAMSON COUNTY
 COUNTY ROAD 104

ESTIMATE & QUANTITIES

DATE: 2/24/2011	DWG NO.	DWG DATE	DWG BY	DWG CHK	DWG APPR
2/24/2011	104	2/24/2011	WILLIAMSON COUNTY	WILLIAMSON COUNTY	WILLIAMSON COUNTY
6	DIST.	COUNTY	SHEET	NO.	
TEXAS	AUS	WILLIAMSON			
CON.	SCT.	JOB	ROADWAY NO.		
0914	05	141	CR 104		

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PENTABLE: L:\BENTLEY STANDARDS\TABLES\PENACRA\SCALE\CON.001.000.TRI

SHEET NO.	SHEET STATION RANGE	432-2040	496-2016	COG-005	530-2004	530-2010	530-2011	530-2017	531-2015	531-2018	531-2034	540-2011	544-2001	560-2004
		RIPRAP (MOVW STRIP) (5 IN)	REMOV STR (PIPE)	CONC CURB & GUTTER	INTER-SECTIONS (CONC)	DRIVEWAYS (CONC)	DRIVEWAYS (ACP)	TURNOUTS (ACP)	CONC SIDEWALKS (4")	CURB RAMPS (SPECIAL)	CONC SIDEWALK (DRAIN)	MTL BEAM GD FEN TRANS (THRIE-BEAM)	GUARDRAIL END TREATMENT (INSTALL)	MAILBOX INSTALL-5 (WC-POST) TY 3 FND
		CY	EA	LF	SY	SY	SY	SY	SY	EA	LF	EA	EA	
1	24+00 to 34+00		3	1000	79	88								2
2	34+00 to 44+00		5	2000		204								5
3	44+00 to 54+00		7	1110	158	84	218	89						5
4*	54+00 to 64+00 (COUNTY)						42	58						2
	54+00 to 64+00 (STATE)	17.2		97					50	2	10	4	4	
5	64+00 to 74+00	17.2					37	10				4	4	
6	74+00 to 84+00						192							
7	84+00 to 94+00													
	TOTAL	34.4	15	4207	237	376	489	157	50	2	10	8	8	14

1 5/4/10 - ADDED ITEM FOR LIME & EXCAV
2 5/14/10 - ADDED TURNOUTS
3 2/24/11 - ADDED SHOULDER AND D/C



STEGERS BIZZEL

WILLIAMSON COUNTY
COUNTY ROAD 104

SUMMARY OF ROADWAY QUANTITIES

DATE: 2/24/2011		Dom BRL Dns BRL CRI REC AP: PCS	
FED. RD. DIV. NO. 6		FEDERAL AID PROJECT NO.	
STATE		DIST.	COUNTY
TEXAS		AUS	WILLIAMSON
CONT.		SECT.	JOB
0914		05	141
			CR 104

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SHEET NO.	STORM SEWER SHEET STATION RANGE	464-2003 RC PIPE (CL III)(24 IN)	464-2005 RC PIPE (CL III)(24 IN)	464-2007 RC PIPE (CL III)(30 IN)	464-2009 RC PIPE (CL III)(36 IN)	464-2010 RC PIPE (CL III)(42 IN)	COG-001 INLET (10')	COG-002 INLET (15')	SB-001 INLET (AREA)	467-2211 SET (TY II) (24 IN)(RCP) (3:1)(C)	COG-003 JUNCTION BOX W/ MANHOLE (TYPE 1)	COG-004 JUNCTION BOX W/ MANHOLE (TYPE 2)	466-2070 HEADWALL (CH-FW-0) (DIA = 42 IN)
		LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA
1	0+00 to 4+75					475						1	1
2	4+75 to 10+25	146			354	196		2	1			1	
3	10+25 to 15+75	55	58	479	71		1			1	1	1	
4	15+75 to 21+25	96		550			1				2		
5	21+25 to 26+75	331	55	159				2	3		1		
	TOTAL	628	113	1188	425	672	2	4	4	1	4	3	1

SHEET NO.	PLAN & PROFILE SHEET STATION RANGE	432-2002 RIPRAP (CONC) (5 IN) CY	432-2048 RIPRAP (CONC) (FLUME) CY	460-2003 CMP (GAL STL 18 IN) LF	480-2004 CMP (GAL STL 24 IN) LF	467-2301 SET (TY II) (18 IN)(CMP) (6:1)(P) EA	467-2303 SET (TY II) (24 IN)(CMP) (6:1)(P) EA
1	24+00 to 34+00	0.2					
2	34+00 to 44+00						
3	44+00 to 54+00		4.4	76	36	4	2
4*	54+00 to 64+00 (COUNTY)	11.0	1.9	34		2	
	54+00 to 64+00 (STATE)		31.3				
5	64+00 to 74+00			36		2	
6	74+00 to 84+00			116		4	
7	84+00 to 94+00						
	TOTAL	11.2	37.6	262	36	12	2

*QUANTITY DIVISIONS ON SHEET 4 ARE FOR PROJECT MANAGEMENT PURPOSES ONLY AND DO NOT AFFECT BIDDING OR CONSTRUCTION.

- 11/24/10 - STORM SEWER REDESIGN
- 12/23/10 - ADDED INLET #10
- 2/24/11 - ADDED CONC FLUME



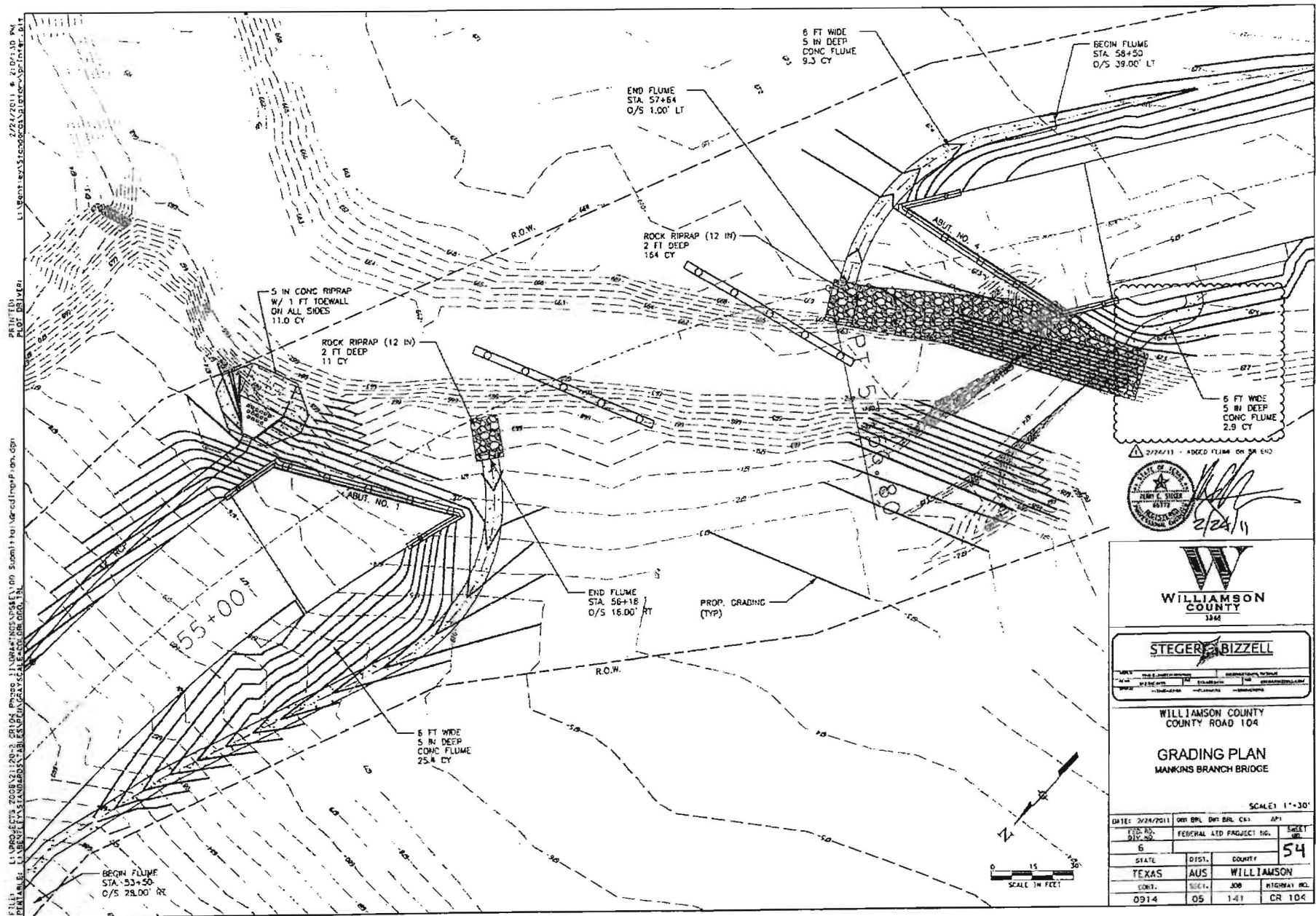
STEGER & BIZZELL

DATE: 11/24/11	DWG. NO.: 1120-2	REV. NO.: 0
PROJECT NO.: 1120-2	SHEET NO.: 12	TOTAL SHEETS: 12

WILLIAMSON COUNTY
 COUNTY ROAD 104
**SUMMARY OF
 DRAINAGE QUANTITIES**

DATE: 11/24/11	DWG. NO.: 1120-2	REV. NO.: 0	SHEET NO.: 12
STATE: TEXAS	DIST.: AUS	COUNTY: WILLIAMSON	
CONTRACT NO.: 0914	SECTION: 05	JOB NO.: 141	HIGHWAY NO.: CR 104

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 L:\PROJECTS\2008\21120-3 CR104 Photo 11\GRADES\NORTH\00 Submit\ha\Grading\Prop Plan.dgn



2/24/11 - ADDED FLUME ON SR END



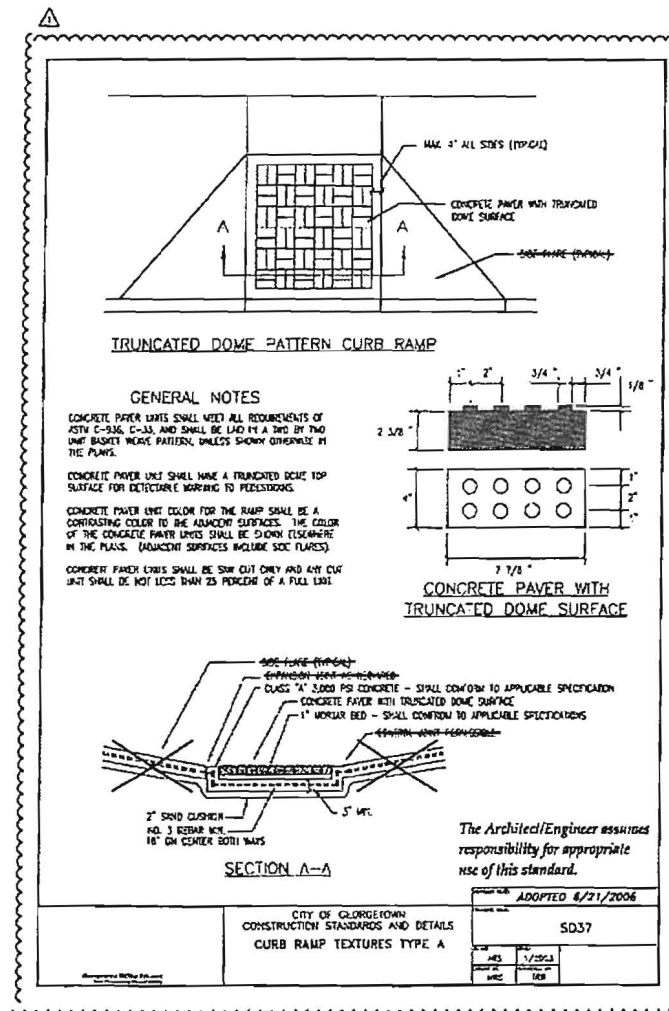
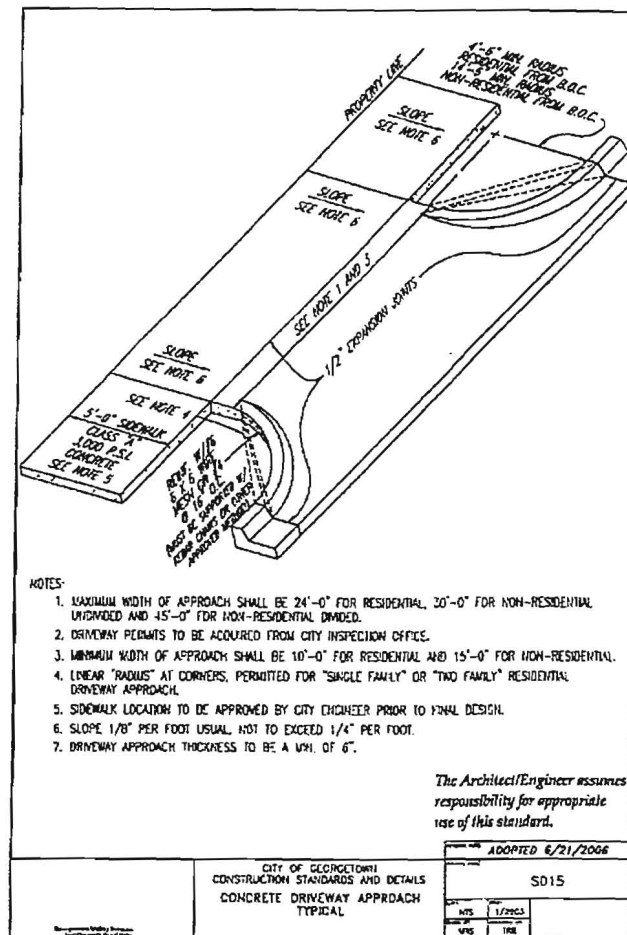
STEEGERS BIZZELL

WILLIAMSON COUNTY
COUNTY ROAD 104

GRADING PLAN
MANKINS BRANCH BRIDGE

SCALE: 1" = 30'

DATE: 2/24/2011	DRW. BY: DMS	CHECKED BY: AP1	SHEET NO.
FED. PROJ. NO.	FEDERAL AID PROJECT NO.		54
STATE: 6	DIST.:	COUNTY:	
TEXAS	AUS	WILLIAMSON	
CONTRACT NO.: 0914	SHEET NO.: 05	PROJECT NO.: 1-11	CR 104



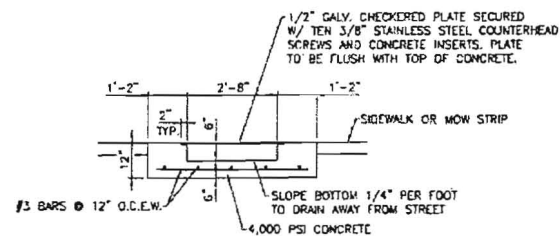
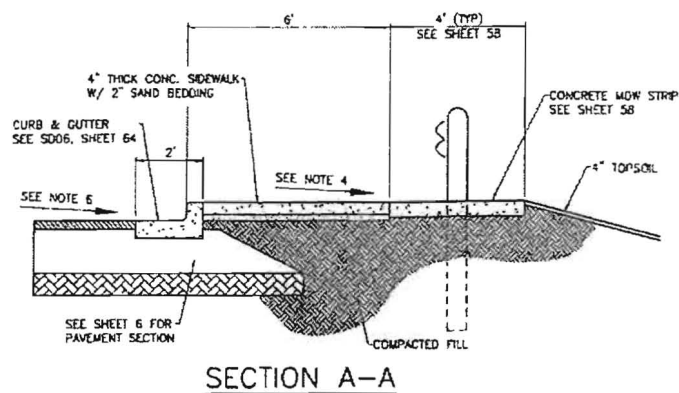
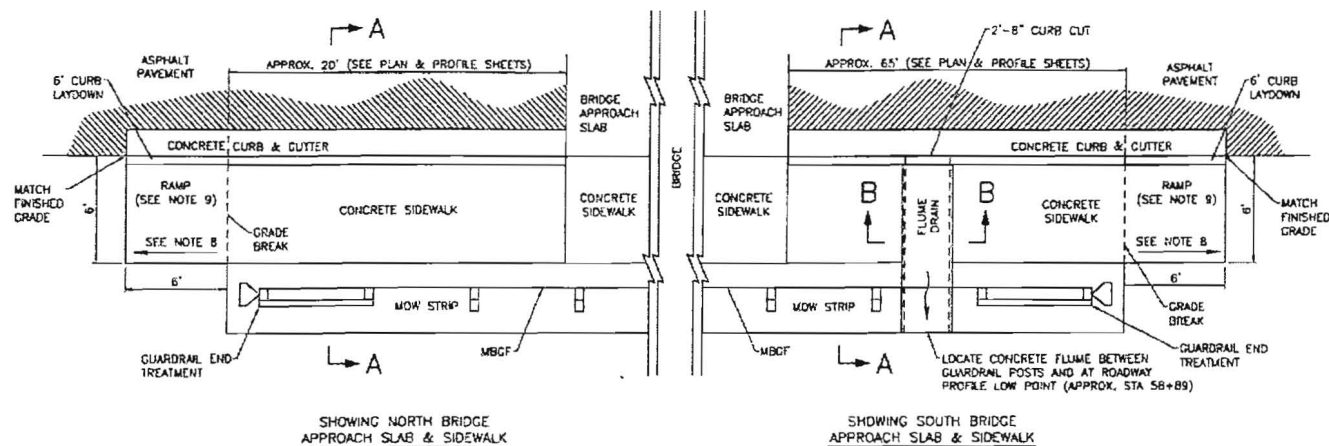
2/24/11 - ADDED SIDEWALK TEXTURE (5037)

**STEGE BIZZELL**

WILLIAMSON COUNTY
COUNTY ROAD 104

CITY OF GEORGETOWN
ROADWAY STANDARDS

SHEET 2 OF 2				
DATE: 3/24/2011		CHG DLP		CHG DLP
PR. NO. DIP. NO.		FEDERAL AID PROJECT NO.		SHEET NO.
6				65
STATE	DIST.	COUNTY		
TEXAS	AUS	WILLIAMSON		
CONTR.	SECT.	JOB	HIGHWAY NO.	
0914	05	141	CR 104	



- NOTES:
1. SIDEWALK REINFORCING TO BE 6"x6"x#6 WYF OR APPROVED EQUAL.
2. CONSTRUCT CONTROL JOINTS AT 5' SPACING MAX.
3. CONSTRUCT 1/2" PREMOLOD EXPANSION JOINTS AT 40' SPACING MAX.
4. SIDEWALK CROSS SLOPE TO BE 1% TYPICAL, 2% MAX.
5. SIDEWALK CONCRETE SHALL BE CLASS "A", 3,000 PSI.
6. SEE PLAN & PROFILE SHEETS FOR PAVEMENT CROSS SLOPE.
7. PLACE TOPSOIL FLUSH WITH ALL EDGES OF CONCRETE.
8. SIDEWALK RAMP TO HAVE A MAX SLOPE OF 5%.
9. SEE SD37, SHEET 65 FOR SIDEWALK RAMP AND TEXTURE DETAILS.



STEEGER BIZZELL

WILLIAMSON COUNTY
COUNTY ROAD 104

SIDEWALK DETAILS

SHEET 1 OF 1		SCALE: N.T.S.	
DATE: 7/24/2011	ENR: DRN: DRN: DRN: CRK: RFR: APF: PCS		
FEES NO. DTS. NO.	FEDERAL AID PROJECT NO.		SHEET 300
6			558
STATE	DIST.	COUNTY	
TEXAS	AUS	WILLIAMSON	
COUNT.	SECT.	JOB	
0914	05	141	HIGHWAY NO. CR 104