



COLLIN COUNTY, TEXAS

ADDENDUM No. One (1)

IFB NO. 10054-10

INVITATION FOR BIDS

FOR

**Construction, Bridge: County Road 618 over Cedar Creek
and County Road 655 over Brushy Creek**

DATE: March 4, 2010

NOTICE TO ALL PROSPECTIVE BIDDERS:

YOU ARE HEREBY DIRECTED TO MAKE CHANGES TO THE INVITATION FOR BIDS IN ACCORDANCE WITH THE ATTACHED INFORMATION.

ADD: Engineers Addendum No. 1

ADD: Revised Bid Form

ADD: Pre-Bid Sign-In form

PLEASE NOTE ALL OTHER TERMS, CONDITIONS, SPECIFICATIONS DRAWINGS, ETC. REMAIN UNCHANGED.

SINCERELY,
FRANKLIN YBARBO
PURCHASING AGENT

**Construction, Bridge: County Road 618 over Cedar Creek
and County Road 655 over Brushy Creek
Addendum No. 1**

1. **Question:** Should top slab thickness be 18” or 16”?
Answer: 18”
2. **Question:** On CR 618 should lime TRT (new base) (6”) actually be subgrade?
Answer: Yes
3. Erosion Control- For CR 618 add erosion control measures indicated on typical section (ps. 2) And plan and profile sheet (ps, 9)
4. Barricades – Plans indicate 2 months per location. This has been changed to 3 months per location.
5. SW3P – Adding SW3P Lump Sum to project. Items anticipated are included in the standards provided in the plan set.
6. **Question:** Is there a down turned base or toe at ends of the 20 x 8 box culvert at the CR 655 Bridge, similar to the one show for CR 618 sheet NO. 14 section B-B?
Answer: Yes use section B-B from standard PW (ps 16) for direction. “Z” value for this section will be 1’ – 8” which is the bottom slab thickness and the “Y” value is 3’ – 11” minimum.
7. **Question:** What is the thickness of the retaining walls at the 20’ box culverts?
Answer: There are no retaining walls. All of the earth that needs to be retained will occur through wingwalls and headwalls which are found in the Culvert Details Sheet as well as the PW and ECD TxDOT Standard Sheets.
8. **Question:** Are the SF quantities for the retaining wall correctly assigned?
Answer: Refer to Answer of Question 7.
9. **Question:** Plans indicate 6” bedding on the Riprap, but there is not a unit quantity bid item for this will there be a bid item for “Bedding Material” as defined by the TxDOT Standard Specifications for construction, Pg. 626?
Answer: Yes. Quantity added to quantity sheet.
10. **Question:** Are there tow-walls on the 20’ box culvert wingwalls? If so, is there a toe-wall detail?
Answer: Yes, see Standard PW (ps 19 for CR 618 & ps 16 for CR 655).
11. **Question:** Does the excavation bid item include all excavation for the box culverts and trench excavation protection?
Answer: Yes
12. **Question:** Is the quantity on the excavation bid item for hauling off material or actual excavation amount?
Answer: Excavation, but contractor will need to haul off what is not used on the project.

13. Adding standards to Plan sets as follow:

- a. CR 655: ps. 16A SCC-MD
 ps. 16B ECD
- b. CR 618: ps. 19A SCC-MD

ADDENDUM No. 1

COLLIN COUNTY
CONSTRUCTION, BRIDGES:
CR 618 AT CEDAR CREEK AND
CR 655 OVER BRANCH OF BRUSHY CREEK

BID SCHEDULE

ITEM NO.	SPECIAL REFERENCE SPEC ITEM	QUANTITY	UNIT	DESCRIPTION WITH BID PRICE WRITTEN IN WORDS	UNIT PRICE	EXTENDED AMOUNT
CR618 AT CEDAR CREEK						
1		1	LS	MOBILIZATION, DEMOBILIZATION, BONDS, INSURANCE, for the sum of: _____ DOLLARS and _____ CENTS PER LUMP SUM	\$	\$
2		4.75	STA	PREPARING ROW, including all appurtenant work, complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER STATION	\$	\$
3	TxDOT ITEM 340	147	TONS	DGR HMA(METH) TY-C PG64-22, complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER TON	\$	\$
4		29	TON	HYDRATED LIME (SLURRY), complete in place for the sum of: _____ DOLLARS and _____ CENTS PER TON	\$	\$
5		1,453	SY	LIME TRT (SUBGRADE)(6"), complete in place for the sum of: _____ DOLLARS and _____ CENTS PER SQUARE YARD	\$	\$
6		323	CY	FL BS (TY A GR 4)(8"), complete in place for the sum of: _____ DOLLARS and _____ CENTS PER CUBIC YARD	\$	\$
7		431	CY	EXCAVATION (ROADWAY AND CHANNEL), complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER CUBIC YARD	\$	\$
8		295	CY	EMBANKMENT (FINAL)(DENS CONT)(TY C), complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER CUBIC YARD	\$	\$

ADDENDUM No. 1

COLLIN COUNTY
CONSTRUCTION, BRIDGES:
CR 618 AT CEDAR CREEK AND
CR 655 OVER BRANCH OF BRUSHY CREEK

BID SCHEDULE

ITEM NO.	SPECIAL REFERENCE SPEC ITEM	QUANTITY	UNIT	DESCRIPTION WITH BID PRICE WRITTEN IN WORDS	UNIT PRICE	EXTENDED AMOUNT
9		0.68	ACRES	BROADCAST SEED (TYPE 1), complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER ACRE	\$	\$
10		232.90	CY	RIPRAP (STONE PROTECTION)(18 IN), complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER CUBIC YARD	\$	\$
11	TxDOT ITEM 462	48	LF	CONC BOX CULV (10FT X 6FT), complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER LINEAR FOOT	\$	\$
12	TxDOT ITEM 462	1	EA	CAST IN PLACE CONC BOX CULVERT (20FT X 8FT), complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER EACH	\$	\$
13	TxDOT ITEM 462	1,144	SF	WINGWALL (PW), complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER SQUARE FOOT	\$	\$
14	TxDOT ITEM 496	140	LF	REMOV STR (PIPE), complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER LINEAR FOOT	\$	\$
15		2	MO	BARRICADES, SIGNS AND TRAFFIC HANDLING, complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER MONTH	\$	\$
16		1,133	LF	WIRE FENCE (5-WIRE BARBED WIRE), complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER LINEAR FOOT	\$	\$
17	TxDOT ITEM 666	950	LF	REF PAV MRK TY II (Y) 4" (SLD) _____ DOLLARS and _____ CENTS PER LINEAR FOOT	\$	\$
18		1	LS	SW3P MEASURES _____ DOLLARS and _____ CENTS PER LUMP SUM	\$	\$

ADDENDUM No. 1

COLLIN COUNTY
CONSTRUCTION, BRIDGES:
CR 618 AT CEDAR CREEK AND
CR 655 OVER BRANCH OF BRUSHY CREEK

BID SCHEDULE

ITEM NO.	SPECIAL REFERENCE SPEC ITEM	QUANTITY	UNIT	DESCRIPTION WITH BID PRICE WRITTEN IN WORDS	UNIT PRICE	EXTENDED AMOUNT
19	TxDOT ITEM 432	233	CY	BEDDING (6 IN) _____ DOLLARS and _____ CENTS PER CUBIC YARD	\$	\$
20		163	GAL	MC-50 PRIME COAT _____ DOLLARS and _____ CENTS PER GALLON	\$	\$
21		98	GAL	MC-30 PRIME COAT _____ DOLLARS and _____ CENTS PER GALLON	\$	\$
22		812	SY	RE-BASE MATERIAL _____ DOLLARS and _____ CENTS PER SQUARE YARD	\$	\$
CR618 AT CEDAR CREEK TOTAL BID						\$

ADDENDUM No. 1

COLLIN COUNTY
CONSTRUCTION, BRIDGES:
CR 618 AT CEDAR CREEK AND
CR 655 OVER BRANCH OF BRUSHY CREEK

BID SCHEDULE

ITEM NO.	SPECIAL REFERENCE SPEC ITEM	QUANTITY	UNIT	DESCRIPTION WITH BID PRICE WRITTEN IN WORDS	UNIT PRICE	EXTENDED AMOUNT
CR655 OVER BRANCH OF BRUSHY CREEK						
1		1	LS	MOBILIZATION, DEMOBILIZATION, BONDS, INSURANCE, for the sum of: _____ DOLLARS and _____ CENTS PER LUMP SUM	\$	\$
2		1.00	STA	PREPARING ROW, including all appurtenant work, complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER STATION	\$	\$
3	TxDOT ITEM 340	30	TONS	DGR HMA(METH) TY-C PG64-22, complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER TON	\$	\$
4		67	CY	FL BS (TY A GR 4)(8"), complete in place for the sum of: _____ DOLLARS and _____ CENTS PER CUBIC YARD	\$	\$
5		110	CY	EXCAVATION (ROADWAY AND CHANNEL), complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER CUBIC YARD	\$	\$
6		67	CY	EMBANKMENT (FINAL)(DENS CONT)(TY C), complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER CUBIC YARD	\$	\$
7		0.14	ACRE	BROADCAST SEED (TYPE 1), complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER ACRE	\$	\$

ADDENDUM No. 1

COLLIN COUNTY
CONSTRUCTION, BRIDGES:
CR 618 AT CEDAR CREEK AND
CR 655 OVER BRANCH OF BRUSHY CREEK

BID SCHEDULE

ITEM NO.	SPECIAL REFERENCE SPEC ITEM	QUANTITY	UNIT	DESCRIPTION WITH BID PRICE WRITTEN IN WORDS	UNIT PRICE	EXTENDED AMOUNT
8		86.00	CY	RIPRAP (STONE PROTECTION)(18 IN), complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER CUBIC YARD	\$	\$
9	TxDOT ITEM 462	1	EA	CAST IN PLACE CONC BOX CULVERT (20FT X 8FT), complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER EACH	\$	\$
10	TxDOT ITEM 462	1,430	SF	WINGWALL (PW), complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER SQUARE FOOT	\$	\$
11	TxDOT ITEM 496	121	LF	REMOV STR (PIPE), complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER LINEAR FOOT	\$	\$
12		2	MO	BARRICADES, SIGNS AND TRAFFIC HANDLING, complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER MONTH	\$	\$
13		817	LF	WIRE FENCE (5-WIRE BARBED WIRE), complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER LINEAR FOOT	\$	\$
14	TxDOT ITEM 666	200	LF	REF PAV MRK TY II (Y) 4" (SLD) _____ DOLLARS and _____ CENTS PER LINEAR FOOT	\$	\$
15		1	LS	SW3P MEASURES _____ DOLLARS and _____ CENTS PER LUMP SUM	\$	\$
16	TxDOT ITEM 432	86	CY	BEDDING (6 IN) _____ DOLLARS and _____ CENTS PER CUBIC YARD	\$	\$
CR655 OVER BRANCH OF BRUSHY CREEK TOTAL BID						\$
BID GRAND TOTAL (CR618 TOTAL BID + CR655 TOTAL BID)						\$

ADDENDUM No. 1

COLLIN COUNTY
CONSTRUCTION, BRIDGES:
CR 618 AT CEDAR CREEK AND
CR 655 OVER BRANCH OF BRUSHY CREEK

BID SCHEDULE

ITEM NO.	SPECIAL REFERENCE SPEC ITEM	QUANTITY	UNIT	DESCRIPTION WITH BID PRICE WRITTEN IN WORDS	UNIT PRICE	EXTENDED AMOUNT
CR618 AT CEDAR CREEK						
1		1	LS	MOBILIZATION, DEMOBILIZATION, BONDS, INSURANCE, for the sum of: _____ DOLLARS and _____ CENTS PER LUMP SUM	\$	\$
2		4.75	STA	PREPARING ROW, including all appurtenant work, complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER STATION	\$	\$
3	TxDOT ITEM 340	147	TONS	DGR HMA(METH) TY-C PG64-22, complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER TON	\$	\$
4		29	TON	HYDRATED LIME (SLURRY), complete in place for the sum of: _____ DOLLARS and _____ CENTS PER TON	\$	\$
5		1,453	SY	LIME TRT (SUBGRADE)(6"), complete in place for the sum of: _____ DOLLARS and _____ CENTS PER SQUARE YARD	\$	\$
6		323	CY	FL BS (TY A GR 4)(8"), complete in place for the sum of: _____ DOLLARS and _____ CENTS PER CUBIC YARD	\$	\$
7		431	CY	EXCAVATION (ROADWAY AND CHANNEL), complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER CUBIC YARD	\$	\$
8		295	CY	EMBANKMENT (FINAL)(DENS CONT)(TY C), complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER CUBIC YARD	\$	\$

ADDENDUM No. 1

COLLIN COUNTY
CONSTRUCTION, BRIDGES:
CR 618 AT CEDAR CREEK AND
CR 655 OVER BRANCH OF BRUSHY CREEK

BID SCHEDULE

ITEM NO.	SPECIAL REFERENCE SPEC ITEM	QUANTITY	UNIT	DESCRIPTION WITH BID PRICE WRITTEN IN WORDS	UNIT PRICE	EXTENDED AMOUNT
9		0.68	ACRES	BROADCAST SEED (TYPE 1), complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER ACRE	\$	\$
10		232.90	CY	RIPRAP (STONE PROTECTION)(18 IN), complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER CUBIC YARD	\$	\$
11	TxDOT ITEM 462	48	LF	CONC BOX CULV (10FT X 6FT), complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER LINEAR FOOT	\$	\$
12	TxDOT ITEM 462	1	EA	CAST IN PLACE CONC BOX CULVERT (20FT X 8FT), complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER EACH	\$	\$
13	TxDOT ITEM 462	1,144	SF	WINGWALL (PW), complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER SQUARE FOOT	\$	\$
14	TxDOT ITEM 496	140	LF	REMOV STR (PIPE), complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER LINEAR FOOT	\$	\$
15		2	MO	BARRICADES, SIGNS AND TRAFFIC HANDLING, complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER MONTH	\$	\$
16		1,133	LF	WIRE FENCE (5-WIRE BARBED WIRE), complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER LINEAR FOOT	\$	\$
17	TxDOT ITEM 666	950	LF	REF PAV MRK TY II (Y) 4" (SLD) _____ DOLLARS and _____ CENTS PER LINEAR FOOT	\$	\$
18		1	LS	SW3P MEASURES _____ DOLLARS and _____ CENTS PER LUMP SUM	\$	\$

ADDENDUM No. 1

COLLIN COUNTY
CONSTRUCTION, BRIDGES:
CR 618 AT CEDAR CREEK AND
CR 655 OVER BRANCH OF BRUSHY CREEK

BID SCHEDULE

ITEM NO.	SPECIAL REFERENCE SPEC ITEM	QUANTITY	UNIT	DESCRIPTION WITH BID PRICE WRITTEN IN WORDS	UNIT PRICE	EXTENDED AMOUNT
19	TxDOT ITEM 432	233	CY	BEDDING (6 IN) _____ DOLLARS and _____ CENTS PER CUBIC YARD	\$	\$
20		163	GAL	MC-50 PRIME COAT _____ DOLLARS and _____ CENTS PER GALLON	\$	\$
21		98	GAL	MC-30 PRIME COAT _____ DOLLARS and _____ CENTS PER GALLON	\$	\$
22		812	SY	RE-BASE MATERIAL _____ DOLLARS and _____ CENTS PER SQUARE YARD	\$	\$
CR618 AT CEDAR CREEK TOTAL BID						\$

COLLIN COUNTY
 CONSTRUCTION, BRIDGES:
 CR 618 AT CEDAR CREEK AND
 CR 655 OVER BRANCH OF BRUSHY CREEK

BID SCHEDULE

ITEM NO.	SPECIAL REFERENCE SPEC ITEM	QUANTITY	UNIT	DESCRIPTION WITH BID PRICE WRITTEN IN WORDS	UNIT PRICE	EXTENDED AMOUNT
CR655 OVER BRANCH OF BRUSHY CREEK						
1		1	LS	MOBILIZATION, DEMOBILIZATION, BONDS, INSURANCE, for the sum of: _____ DOLLARS and _____ CENTS PER LUMP SUM	\$	\$
2		1.00	STA	PREPARING ROW, including all appurtenant work, complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER STATION	\$	\$
3	TxDOT ITEM 340	30	TONS	DGR HMA(METH) TY-C PG64-22, complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER TON	\$	\$
4		67	CY	FL BS (TY A GR 4)(8"), complete in place for the sum of: _____ DOLLARS and _____ CENTS PER CUBIC YARD	\$	\$
5		110	CY	EXCAVATION (ROADWAY AND CHANNEL), complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER CUBIC YARD	\$	\$
6		67	CY	EMBANKMENT (FINAL)(DENS CONT)(TY C), complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER CUBIC YARD	\$	\$
7		0.14	ACRE	BROADCAST SEED (TYPE 1), complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER ACRE	\$	\$

ADDENDUM No. 1

COLLIN COUNTY
CONSTRUCTION, BRIDGES:
CR 618 AT CEDAR CREEK AND
CR 655 OVER BRANCH OF BRUSHY CREEK

BID SCHEDULE

ITEM NO.	SPECIAL REFERENCE SPEC ITEM	QUANTITY	UNIT	DESCRIPTION WITH BID PRICE WRITTEN IN WORDS	UNIT PRICE	EXTENDED AMOUNT
8		86.00	CY	RIPRAP (STONE PROTECTION)(18 IN), complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER CUBIC YARD	\$	\$
9	TxDOT ITEM 462	1	EA	CAST IN PLACE CONC BOX CULVERT (20FT X 8FT), complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER EACH	\$	\$
10	TxDOT ITEM 462	1,430	SF	WINGWALL (PW), complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER SQUARE FOOT	\$	\$
11	TxDOT ITEM 496	121	LF	REMOV STR (PIPE), complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER LINEAR FOOT	\$	\$
12		2	MO	BARRICADES, SIGNS AND TRAFFIC HANDLING, complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER MONTH	\$	\$
13		817	LF	WIRE FENCE (5-WIRE BARBED WIRE), complete in place, for the sum of: _____ DOLLARS and _____ CENTS PER LINEAR FOOT	\$	\$
14	TxDOT ITEM 666	200	LF	REF PAV MRK TY II (Y) 4" (SLD) _____ DOLLARS and _____ CENTS PER LINEAR FOOT	\$	\$
15		1	LS	SW3P MEASURES _____ DOLLARS and _____ CENTS PER LUMP SUM	\$	\$
16	TxDOT ITEM 432	86	CY	BEDDING (6 IN) _____ DOLLARS and _____ CENTS PER CUBIC YARD	\$	\$
CR655 OVER BRANCH OF BRUSHY CREEK TOTAL BID						\$
BID GRAND TOTAL (CR618 TOTAL BID + CR655 TOTAL BID)						\$

COLLIN COUNTY, TEXAS

COUNTY ROAD 618 AT CEDAR CREEK CULVERT REPLACEMENTS

BP#

LENGTH OF PROJECT: FT = 501.5 MI = 0.095
CONSTRUCT TWO LANE RURAL ROADWAY CONSISTING OF
GRADING, CULVERTS, ASPHALT PAVEMENT & DELINEATION.



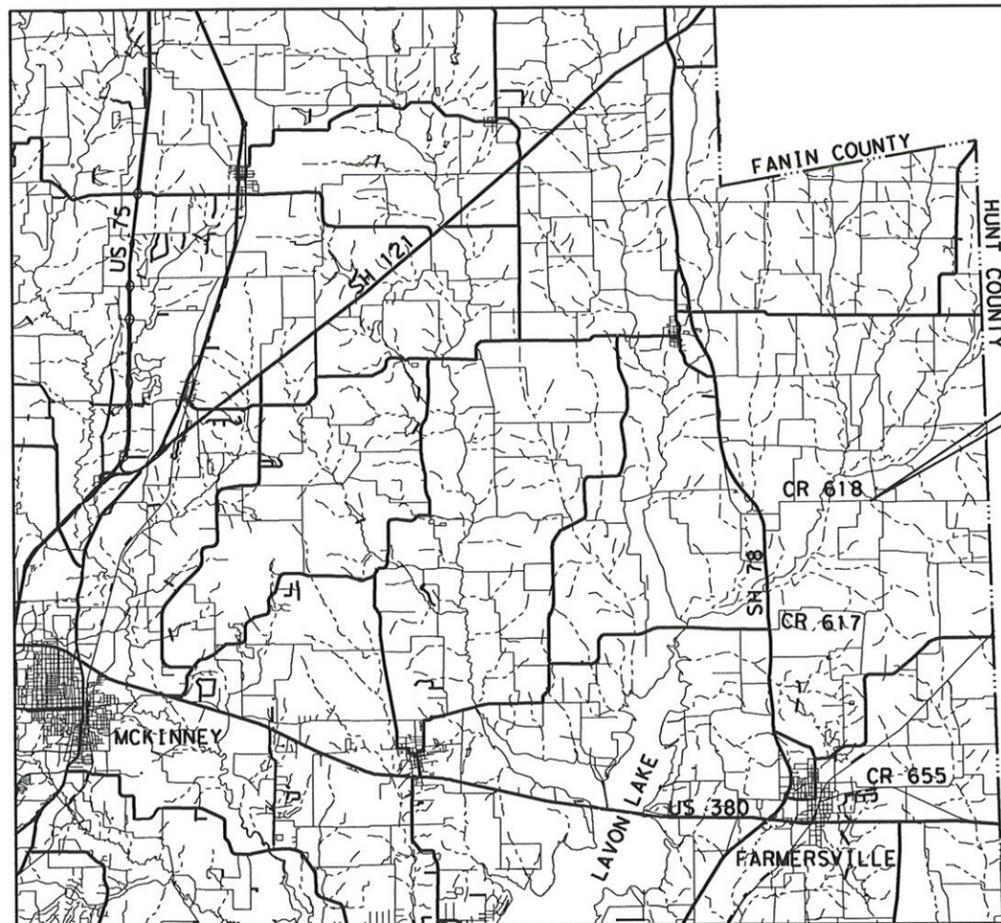
COUNTY JUDGE
KEITH SELF

COUNTY COMMISSIONERS
MATT SHAHEEN PRECINCT 1
JERRY HOAGLAND PRECINCT 2
JOE JAYNES PRECINCT 3
KATHY WARD PRECINCT 4

DIRECTOR OF ENGINEERING
RUBEN DELGADO, P.E.

SPECIAL PROJECTS MANAGER
JEFF DURHAM, R.P.L.S.

DIRECTOR OF PUBLIC WORKS
JON KLEINHEKSEL



INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE AND INDEX OF SHEETS
2	QUANTITIES & TYPICAL SECTIONS
3	DETOUR LAYOUT
4 - 8	BC(1,2,4,5,10)-07
9	ROADWAY PLAN & PROFILE
10	D&OM(3)-04
11	D&OM(VIA)-04
12	CULVERT LAYOUT # 1
13	CULVERT LAYOUT # 2
14	20' X 8' CULVERT DETAILS
15	BCS
16 - 17	BORE HOLE DATA SHEETS
18	SCP-10
19	PW
19A	SCC-MD
20 - 21	EC(1&2)-93
22 - 28	CROSS SECTIONS



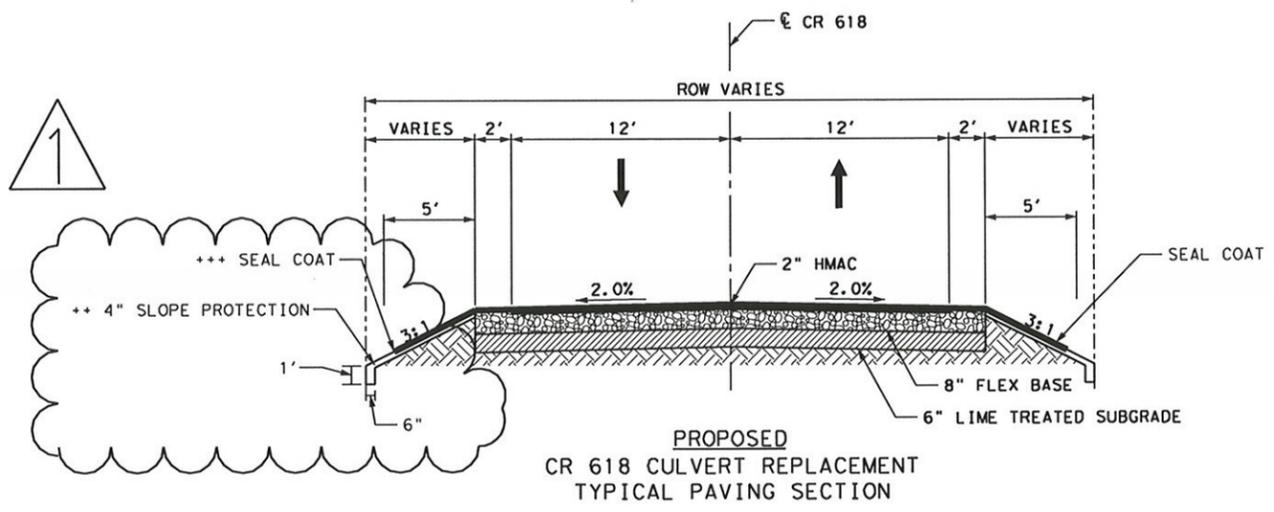
CHANGE MADE 3-4-2010



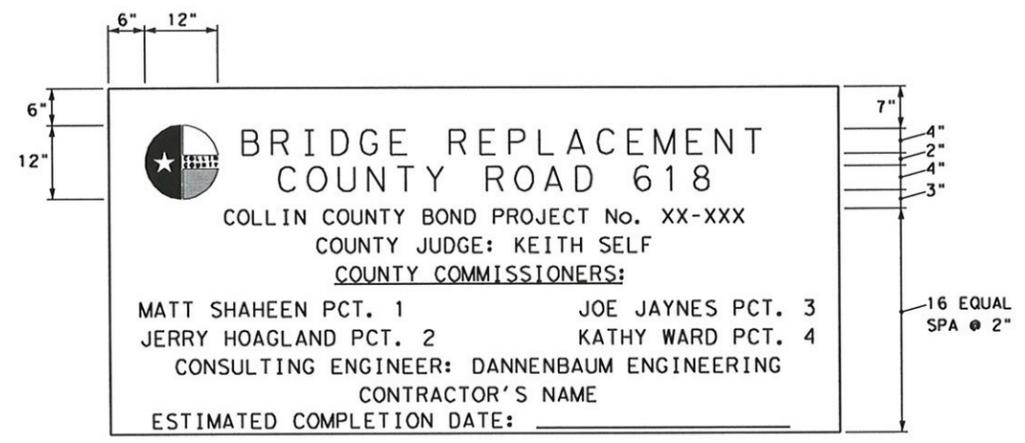
M. Gregory Vowels
SIGNATURE OF REGISTRANT
3/4/10
P.E.

DANNENBAUM
ENGINEERING COMPANY - DALLAS, LLC
T.B.P.E. FIRM REGISTRATION #8996
4141 BLUE LAKE CIRCLE, STE 240 DALLAS, TX 75244 (972) 239-2002

ESTIMATED QUANTITIES			
ITEM	ITEM DESCRIPTION	UNIT	CO RD 618
1	MOBILIZATION	LS	1
2	PREPARING ROW	STA	4.75
3	D-GR HMA (METH) TY-C PG64-22	TON	147
4	HYDRATED LIME (SLURRY)	TON	29
5	LIME TRT (SUBGRADE) (6")	SY	1453
6	FLEX BASE (COMPLETE IN PLACE)	CY	323
7	EXCAVATION (ROADWAY AND CHANNEL)	CY	431
8	EMBANKMENT	CY	295
9	SEEDING FOR EROSION CONTROL	ACRE	0.68
10	RIPRAP (STONE PROTECTION) (18 IN)	CY	232.9
11	PRE-CAST CONCRETE BOX CULVERT (10' X 6')	LF	48
12	CAST-IN-PLACE CONCRETE BOX CULVERT (20' X 8')	EA	1
13	WINGWALLS (PW)	SF	1144
14	REMOVING OLD STRUCTURES (PIPE)	LF	140
15	BARRICADES, SIGNS, AND TRAFFIC HANDLING	MO	2
16	WIRE FENCE (TY D) (BARB WIRE)	LF	1133
17	REF PAV MKK TY II (Y) 4" (SLD)	LF	950
18	SW3P MEASURES	LS	1
19	BEDDING MATERIAL (6 IN)	CY	232.9
20	MC-50 PRIME COAT	GAL	163
21	MC-30 PRIME COAT	GAL	98
22	RE-BASE MATERIAL	SY	812

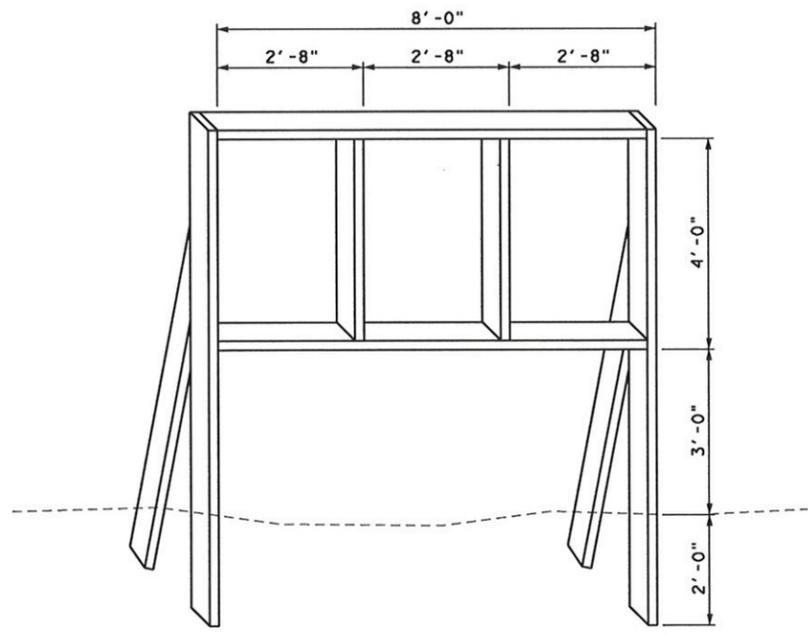


**ALL DISTURBED AREAS SHALL BE SEEDED
 ** SLOPE PROTECTION TO BE A RE-BASE MATERIAL WITH MC-50.
 ***SEAL COAT TO BE MC-30 PRIME COAT



SIGN LAYOUT AND MESSAGE

- NOTES:
- SIGN PANEL TO BE 3/4" EXTERIOR PLYWOOD.
 - FRAME TO BE 2" X 4" STOCK.
 - FRAME TO BE PAINTED IN FLAT BLACK.
 - PAINT BACKGROUND OF SIGN WHITE.
 - PAINT PROJECT NAME IN BLUE LETTERS.
 - "CONSULTING ENGINEER: DANNENBAUM ENGINEERING" TO BE PAINTED IN GLOSSY BLUE.
 - PAINT COLLIN COUNTY LOGO IN ITS STANDARD COLORS OF BLUE, RED, AND WHITE.
 - PAINT BALANCE OF MESSAGE IN GLOSSY BLACK.
 - ALL PAINT TO BE EXTERIOR BASE PAINT.
 - FOR SIGN PLACEMENT LOCATION INFORMATION SEE SHEET XX.



SIGN FRAME DETAIL

NO.	DATE	REVISION	APP.
1	3-4-10	ADDED SLOPE PROTECTION AND QUANTITIES	

DANNENBAUM ENGINEERING, CO. DALLAS, LLC
 REGISTRATION NO. 8996

M. GREGORY VOWELS
 83426
 LICENSED PROFESSIONAL ENGINEER

DANNENBAUM
 ENGINEERING COMPANY - DALLAS, LLC
 T.B.P.E. FIRM REGISTRATION #8996
 4141 BLUE LAKE CIRCLE, STE 240 DALLAS, TX 75244 (972) 239-2002

COLLIN COUNTY, TEXAS

COUNTY ROAD 618 CULVERT REPLACEMENT

QUANTITIES & TYPICAL SECTION

SHEET 1 OF 1

DESIGN	COUNTY	SHEET NO.
GRAPHICS	COLLIN	2
CHECK	STATE	
CHECK	TEXAS	

DATE: 3/3/2010
 SCALE: AS SHOWN

SUSANNAH WALKER SURVEY
ABSTRACT No. 953

13.3848 ACRES (DEED)
C.W. BAILEY AND MARY ALICE BAILEY
CO-TRUSTEES OF THE
MELISSA LANE MCDONALD TRUST
VOL. 2343, PG. 827
R.P.R.C.C.T.

SUSANNAH WALKER SURVEY
ABSTRACT No. 953

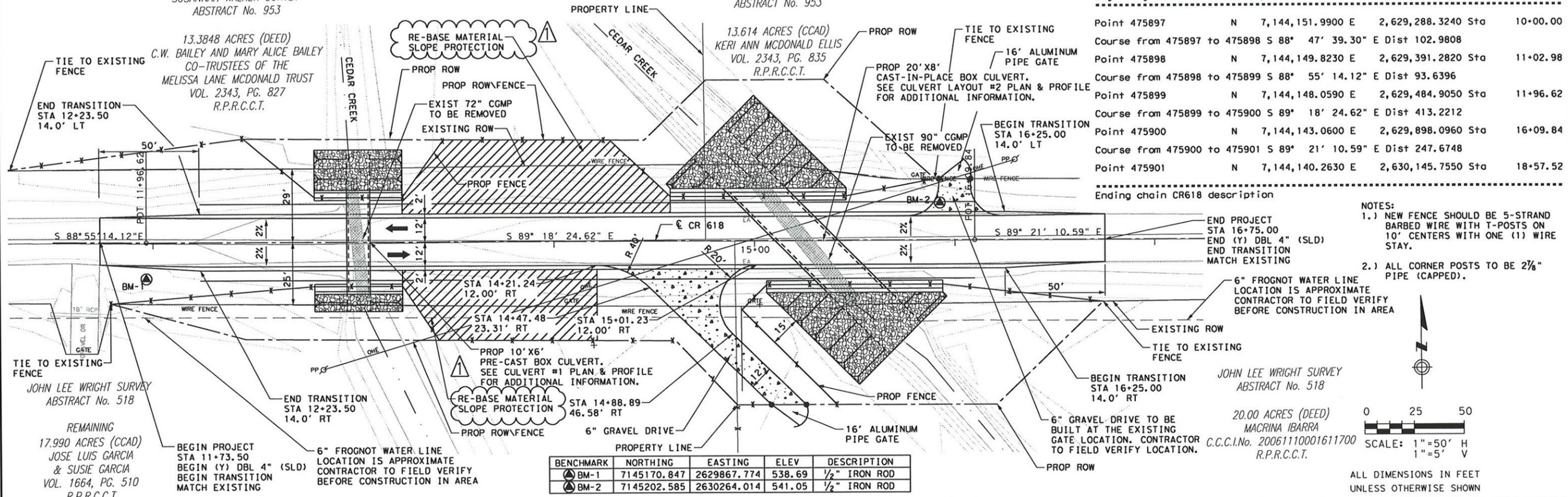
13.614 ACRES (CCAD)
KERI ANN MCDONALD ELLIS
VOL. 2343, PG. 835
R.P.R.C.C.T.

Beginning chain CR618 description

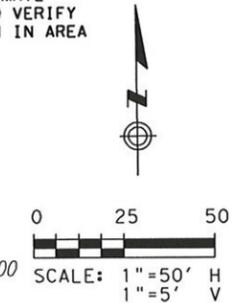
Point 475897	N	7,144,151.9900 E	2,629,288.3240 Sta	10+00.00
Course from 475897 to 475898 S 88° 47' 39.30" E Dist 102.9808				
Point 475898	N	7,144,149.8230 E	2,629,391.2820 Sta	11+02.98
Course from 475898 to 475899 S 88° 55' 14.12" E Dist 93.6396				
Point 475899	N	7,144,148.0590 E	2,629,484.9050 Sta	11+96.62
Course from 475899 to 475900 S 89° 18' 24.62" E Dist 413.2212				
Point 475900	N	7,144,143.0600 E	2,629,898.0960 Sta	16+09.84
Course from 475900 to 475901 S 89° 21' 10.59" E Dist 247.6748				
Point 475901	N	7,144,140.2630 E	2,630,145.7550 Sta	18+57.52

Ending chain CR618 description

- NOTES:
- 1.) NEW FENCE SHOULD BE 5-STRAND BARBED WIRE WITH T-POSTS ON 10' CENTERS WITH ONE (1) WIRE STAY.
 - 2.) ALL CORNER POSTS TO BE 2 7/8" PIPE (CAPPED).



BENCHMARK	NORTHING	EASTING	ELEV	DESCRIPTION
BM-1	7145170.847	2629867.774	538.69	1/2" IRON ROD
BM-2	7145202.585	2630264.014	541.05	1/2" IRON ROD



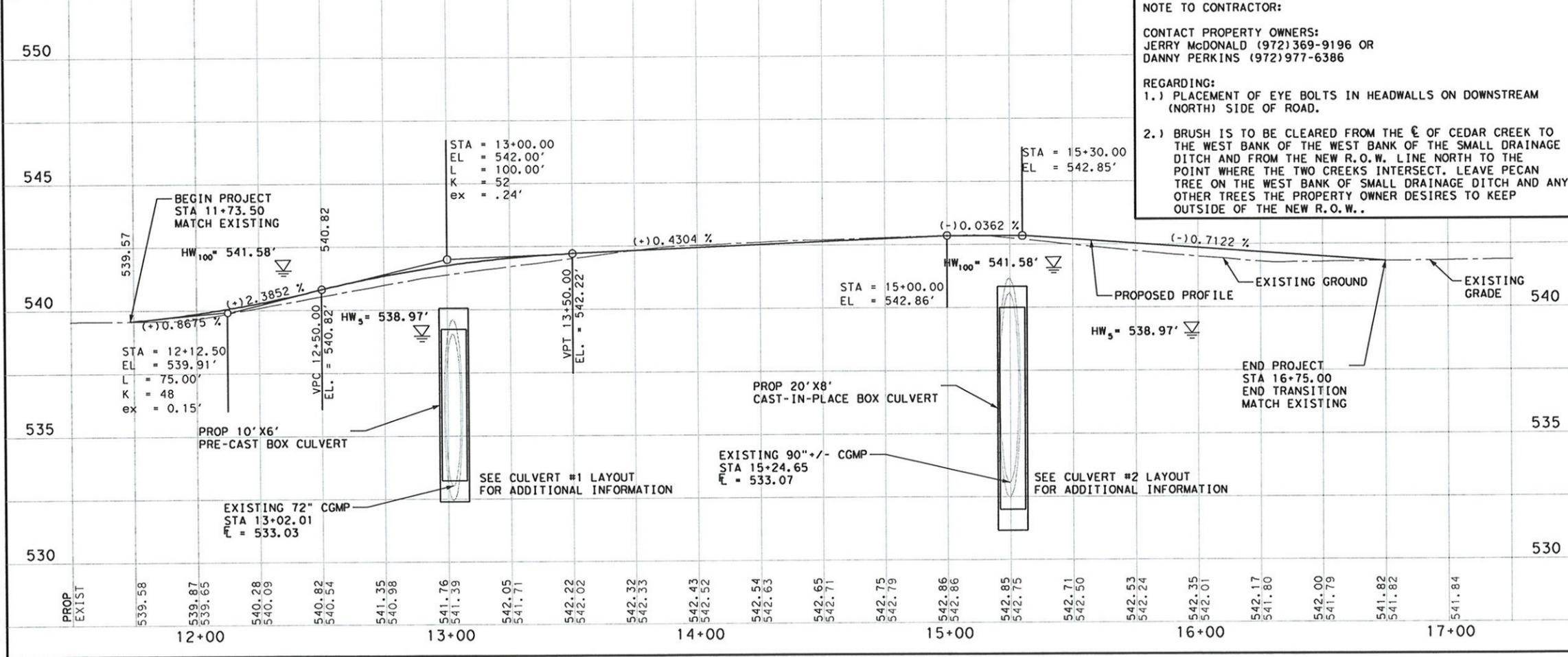
NOTE TO CONTRACTOR:

CONTACT PROPERTY OWNERS:
JERRY MCDONALD (972)369-9196 OR
DANNY PERKINS (972)977-6386

REGARDING:

- 1.) PLACEMENT OF EYE BOLTS IN HEADWALLS ON DOWNSTREAM (NORTH) SIDE OF ROAD.
- 2.) BRUSH IS TO BE CLEARED FROM THE E OF CEDAR CREEK TO THE WEST BANK OF THE WEST BANK OF THE SMALL DRAINAGE DITCH AND FROM THE NEW R.O.W. LINE NORTH TO THE POINT WHERE THE TWO CREEKS INTERSECT. LEAVE PECAN TREE ON THE WEST BANK OF SMALL DRAINAGE DITCH AND ANY OTHER TREES THE PROPERTY OWNER DESIRES TO KEEP OUTSIDE OF THE NEW R.O.W..

NO.	DATE	REVISION	APP.
1	3-4-10	ADDED SLOPE PROTECTION BETWEEN CULVERTS	



DANNENBAUM ENGINEERING, CO.
DALLAS, LLC
REGISTRATION NO. 8996

[Signature]
SIGNATURE OF REGISTRANT
3/4/10

STATE OF TEXAS
M. GREGORY VOWELS
83426
LICENSED PROFESSIONAL ENGINEER

DANNENBAUM
ENGINEERING COMPANY - DALLAS, LLC
T.B.P.E. FIRM REGISTRATION #8996
4141 BLUE LAKE CIRCLE, STE 240 DALLAS, TX 75244 (972) 239-2002

COLLIN COUNTY, TEXAS

COUNTY ROAD 618 CULVERT REPLACEMENT

ROADWAY
PLAN & PROFILE

SHEET 1 OF 1

DESIGN	TF	COUNTY	SHEET NO.
GRAPHICS	KJA	COLLIN	9
CHECK	MGV	STATE	DATE: 3/3/2010
CHECK	RF	TEXAS	SCALE: AS SHOWN

FILE: g:\1220\4433-52\MAIN\ANE\618p&p.dgn
DATE: 3/3/2010

...4433-52\MAIN\ANE\618p&p.dgn

DISCLAIMER: The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the conversion of this standard to other formats or for incorrect results or damages resulting from its use.

COMMENTS:

LEVELS DISPLAYED	
	163

Culvert Station and/or Creek name followed by applicable end (Lt, Rt or Both)	Description of Box Culvert No. Spans ~ Span X Height	Max Fill Height (Ft)	Applicable Box Culvert Standard (4)	Applicable Wingwall or End Treatment Standard	Skew Angle (0°, 15°, 30° or 45°)	Side Slope or Channel Slope Ratio (SL:1)	T Culvert Top Slab Thickness (In)	U Culvert Wall Thickness (In)	C Estimated Curb Height (Ft)	Hw Height of Wingwall (Ft)	A Curb to End of Wingwall (Ft)	B Offset of End of Wingwall (Ft)	Lw Length of Longest Wingwall (Ft)	Ltw Culvert Toewall Length (Ft)	Atw Anchor Toewall Length (Ft)	Riprap Apron (C.Y.)	Class "C" Conc (Curb) (C.Y.) (2)	Class "C" Conc (Wingwall) (C.Y.) (3)	Total Wingwall Area (S.F.)
STA 12+96.70	1 ~ 10' X 6'	3	SCP-10	PW	0	2:1	10	10	1.0	8.5	N/A	N/A	16'	12'	N/A	42	0.8	68.6	374
STA 15+10.09	1 ~ 20' X 8'	4	N/A	PW	45	2:1	24	14	0.5	10	N/A	N/A	32'	31.5'	N/A	117	2	194	880



24

NOTES:

Skew Angle = 0° for SW-0, FW-0, SETB-CD, SETB-SW-0, and SETB-FW-0 standards.
30° Maximum for Safety End Treatment

SL:1 = Horizontal:1 Vertical
Side Slope at culvert for Flared or Straight Wingwalls. Channel Slope for Parallel Wingwalls.
Slope shall be 3:1 or flatter for Safety End Treatments.

T = Box Culvert Top Slab Thickness. Dimension can be found on the applicable Box Culvert Standard.

U = Box Culvert Wall Thickness. Dimension can be found on the applicable Box Culvert Standard.

C = Curb Height.

See applicable wing or end treatment standards for calculations of Hw, A, B, Lw, Ltw, Atw, and Total Wingwall Area.

Hw = Height of Wingwall.

A = Distance from Face of Curb to End of Wingwall (Not applicable to Parallel or Straight Wingwalls).

B = Offset of End of Wingwall (Not applicable to Parallel or Straight Wingwalls).

Lw = Length of Longest Wingwall.

Ltw = Length of Culvert Toewall (Not applicable when using Riprap Apron).

Atw = Length of Anchor Toewall (Applicable to Safety End Treatment only).

Total Wingwall Area = Wingwall area in S.F. for two wingwalls (one structure end) if Lt or Rt.

Area for four wingwalls (two structure ends) if Both.

- ① The wall heights shown will be rounded to the nearest Foot for bidding purposes.
- ② Concrete volume shown is for box culvert curb only. For curbs using the RAC standard, quantities shown must be increased by a factor of 2. If Class "S" concrete is required for the top slab of the culvert, the curb concrete shall also be Class "S". Curb concrete is considered part of the Box Culvert for payment.
- ③ Concrete volume shown is total of wing, footing, culvert toewall (if any), anchor toewall (if any) and wingwall toewall. Riprap apron, culvert and curb quantities are not included.
- ④ Regardless of the type of culvert shown on this sheet, the Contractor shall have the option of furnishing cast-in-place or precast culverts unless otherwise shown elsewhere on the plans. If the Contractor elects to provide culverts of a different type than those shown on this sheet, it shall be the Contractor's responsibility to make the necessary adjustments to the dimensions and quantities shown.

SPECIAL NOTE:

This sheet is a supplement to the Box Culvert standards. It is to be filled out by the culvert specifier and provides dimensions for the construction of the Box Culvert Wingwalls and Safety End Treatments.

An Excel 97 spreadsheet to assist in completing this table can be downloaded from the Bridge Standards (English) web page on the TxDOT web site. The completed sheet shall be signed, sealed, and dated by a licensed Professional Engineer.



CHANGES MADE 3-4-2010



BOX CULVERT SUPPLEMENT
WINGS AND END TREATMENTS

BCS

FILES: bcsstd1.dgn	DN: TxDOT	CR: TxDOT	DN: TxDOT	CR: GAF
© TxDOT May 2005	DISTRICT	FEDERAL AID PROJECT		SHEET
REVISIONS				15
	COUNTY	CONTROL	SECT	JOB
	COLLIN			CR618

COLLIN COUNTY, TEXAS

COUNTY ROAD 655 AT BRUSHY CREEK CULVERT REPLACEMENT

BP#

LENGTH OF PROJECT: FT = 100.00 MI = 0.019
CONSTRUCT TWO LANE RURAL ROADWAY CONSISTING OF
GRADING, CULVERT, ASPHALT PAVEMENT & DELINEATION.



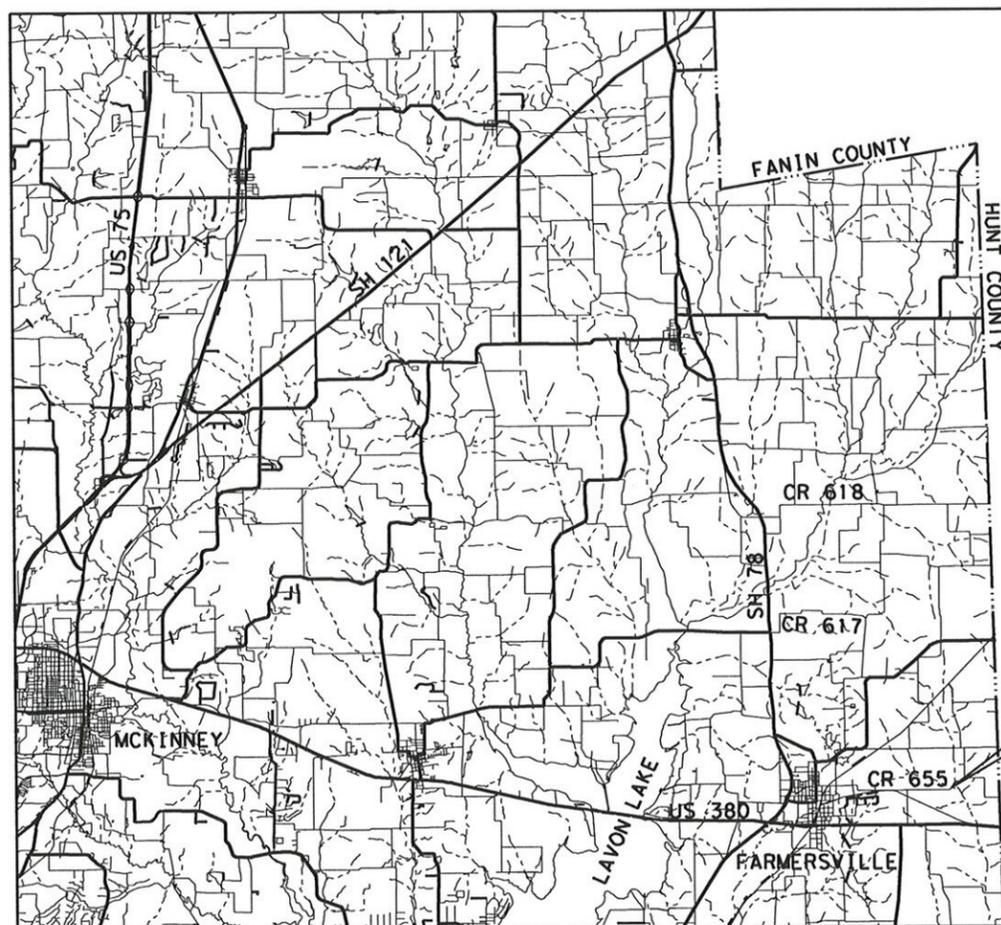
COUNTY JUDGE
KEITH SELF

COUNTY COMMISSIONERS
MATT SHAHEEN PRECINCT 1
JERRY HOAGLAND PRECINCT 2
JOE JAYNES PRECINCT 3
KATHY WARD PRECINCT 4

DIRECTOR OF ENGINEERING
RUBEN DELGADO, P.E.

SPECIAL PROJECTS MANAGER
JEFF DURHAM, R.P.L.S.

DIRECTOR OF PUBLIC WORKS
JON KLEINHEKSEL



VICINITY MAP
N. T. S.

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE AND INDEX OF SHEETS
2	QUANTITIES & TYPICAL SECTIONS
3	DETOUR LAYOUT
4 - 8	BC(1, 2, 4, 5, 10)-07
9	ROADWAY PLAN & PROFILE
10	D&OM(3)-04
11	D&OM(VIA)-04
12	CULVERT PLAN & PROFILE
13	20' x 8' CULVERT DETAILS
14	BCS
15	BORE HOLE DATA SHEET
16	PW
16A	SCC-MD
16B	ECD
17 - 18	EC(1&2)-93
19 - 20	CROSS SECTIONS

CR 655 CULVERT
BEGIN STA 13+50.00
END STA 14+50.00

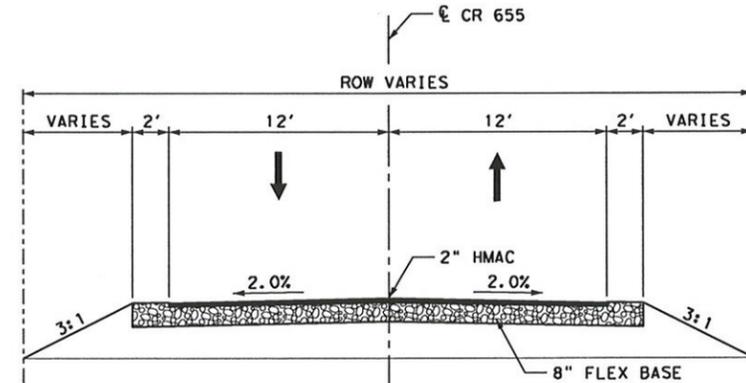
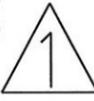
1 CHANGE MADE 3-4-2010

DANNENBAUM
ENGINEERING COMPANY - DALLAS, LLC
T.B.P.E. FIRM REGISTRATION #8996
4141 BLUE LAKE CIRCLE, STE 240 DALLAS, TX 75244 (972) 239-2002

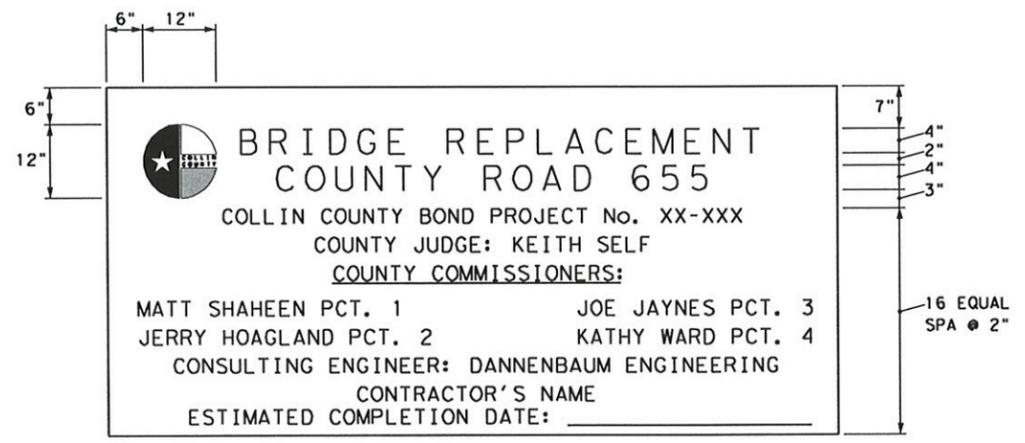


M. Gregory Vowels
SIGNATURE OF REGISTRANT
3/4/10 P.E.

ESTIMATED QUANTITIES			
ITEM	ITEM DESCRIPTION	UNIT	CO RD 618
1	MOBILIZATION	LS	1
2	PREPARING ROW	STA	1.00
3	D-GR HMA (METH) TY-C PG64-22	TON	30
4	FLEX BASE (COMPLETE IN PLACE)	CY	67
5	EXCAVATION (ROADWAY AND CHANNEL)	CY	110
6	EMBANKMENT	CY	67
7	SEEDING FOR EROSION CONTROL	ACRE	0.14
8	RIPRAP (STONE PROTECTION) (18 IN)	CY	86
9	CAST-IN-PLACE CONCRETE BOX CULVERT (20' X 8')	EA	1
10	WINGWALLS (PW)	SF	1430
11	REMOVING OLD STRUCTURES (PIPE)	LF	121
12	BARRICADES, SIGNS, AND TRAFFIC HANDLING	MO	2
13	WIRE FENCE (TY D) (BARB WIRE)	LF	817
14	REF PAV MRK TY II (Y) 4" (SLD)	LF	200
15	SW3P MEASURES	LS	1
16	BEDDING (6 IN)	CY	86

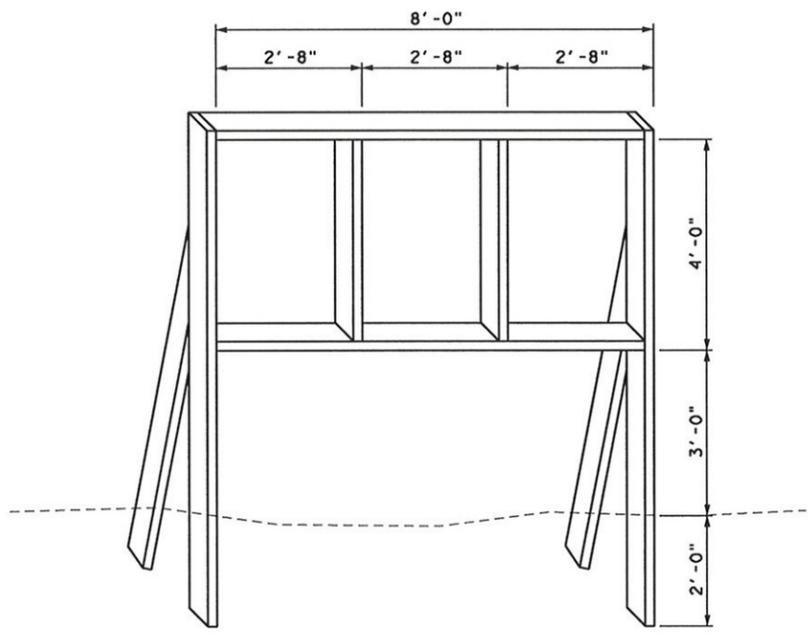


PROPOSED
CR 655 BRIDGE REPLACEMENT
TYPICAL PAVING SECTION



SIGN LAYOUT AND MESSAGE

- NOTES:
- SIGN PANEL TO BE 3/4" EXTERIOR PLYWOOD.
 - FRAME TO BE 2" X 4" STOCK.
 - FRAME TO BE PAINTED IN FLAT BLACK.
 - PAINT BACKGROUND OF SIGN WHITE.
 - PAINT PROJECT NAME IN BLUE LETTERS.
 - "CONSULTING ENGINEER: DANNENBAUM ENGINEERING" TO BE PAINTED IN GLOSSY BLUE.
 - PAINT COLLIN COUNTY LOGO IN ITS STANDARD COLORS OF BLUE, RED, AND WHITE.
 - PAINT BALANCE OF MESSAGE IN GLOSSY BLACK.
 - ALL PAINT TO BE EXTERIOR BASE PAINT.
 - FOR SIGN PLACEMENT LOCATION INFORMATION SEE SHEET XX.



SIGN FRAME DETAIL

NO.	DATE	REVISION	APP.
1	3-4-10	ADDED SLOPE PROTECTION AND QUANTITIES	

DANNENBAUM ENGINEERING, CO.
DALLAS, LLC
REGISTRATION NO. 8996

M. Gregory Vowels
SIGNATURE OF REGISTRANT

STATE OF TEXAS
M. GREGORY VOWELS
83426
LICENSED PROFESSIONAL ENGINEER

DANNENBAUM
ENGINEERING COMPANY - DALLAS, LLC
T.B.P.E. FIRM REGISTRATION #8996
4141 BLUE LAKE CIRCLE, STE 240 DALLAS, TX 75244 (972) 239-2002

COLLIN COUNTY, TEXAS

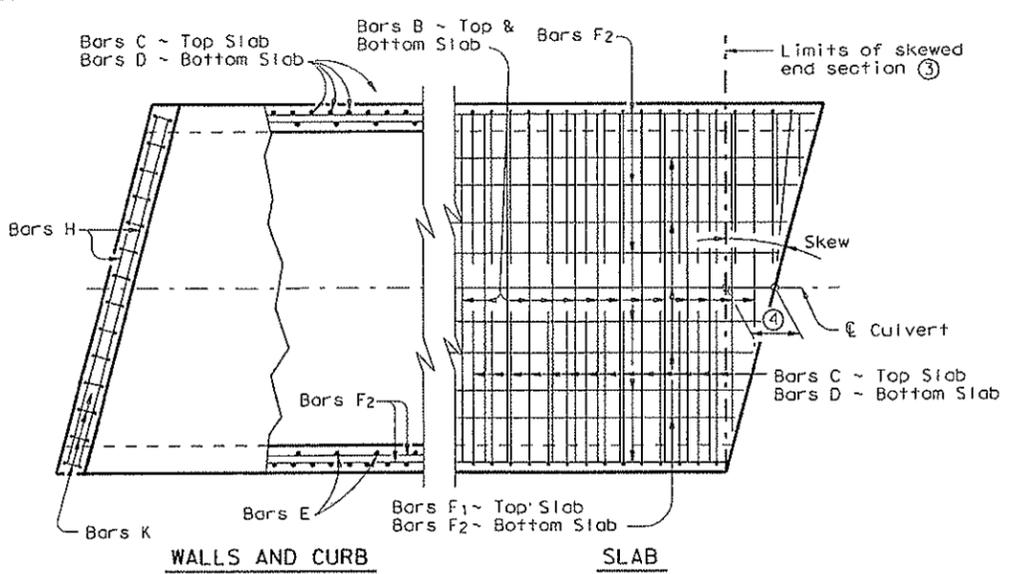
COUNTY ROAD 655 CULVERT REPLACEMENT

QUANTITIES &
TYPICAL SECTION

SHEET 1 OF 1

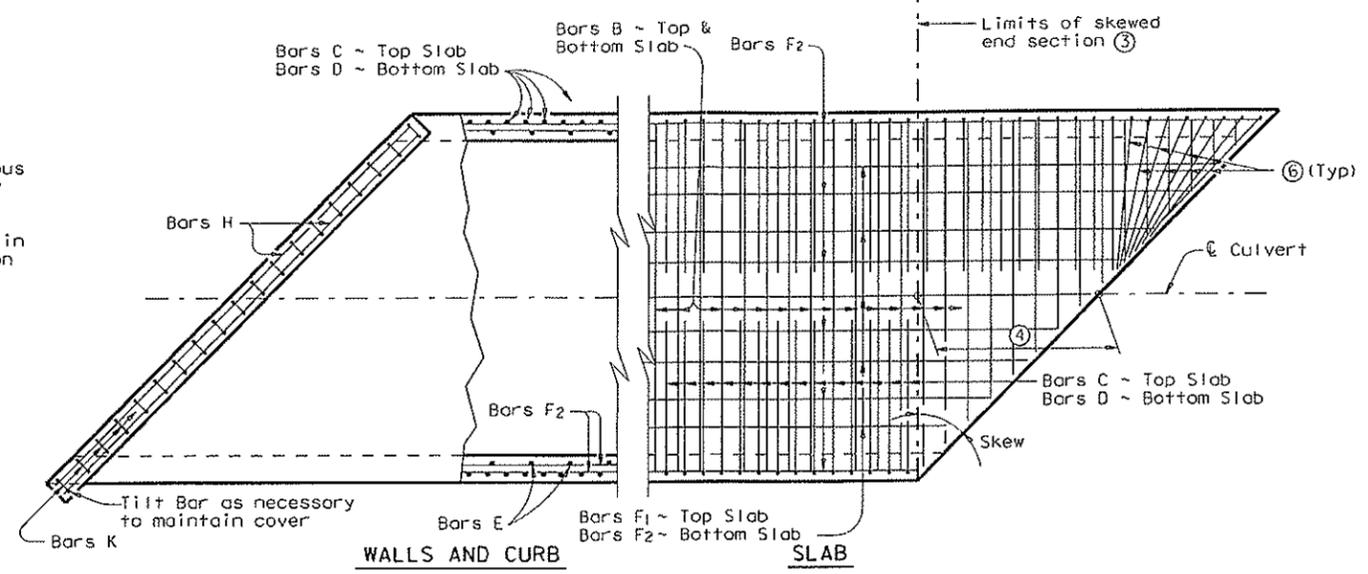
DESIGN	COUNTY	SHEET NO.
GRAPHICS	COLLIN	2
CHECK	STATE	DATE: 3/3/2010
CHECK	TEXAS	SCALE: AS SHOWN

DISCLAIMER: The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the conversion of this standard to other formats or for incorrect results or damages resulting from its use.

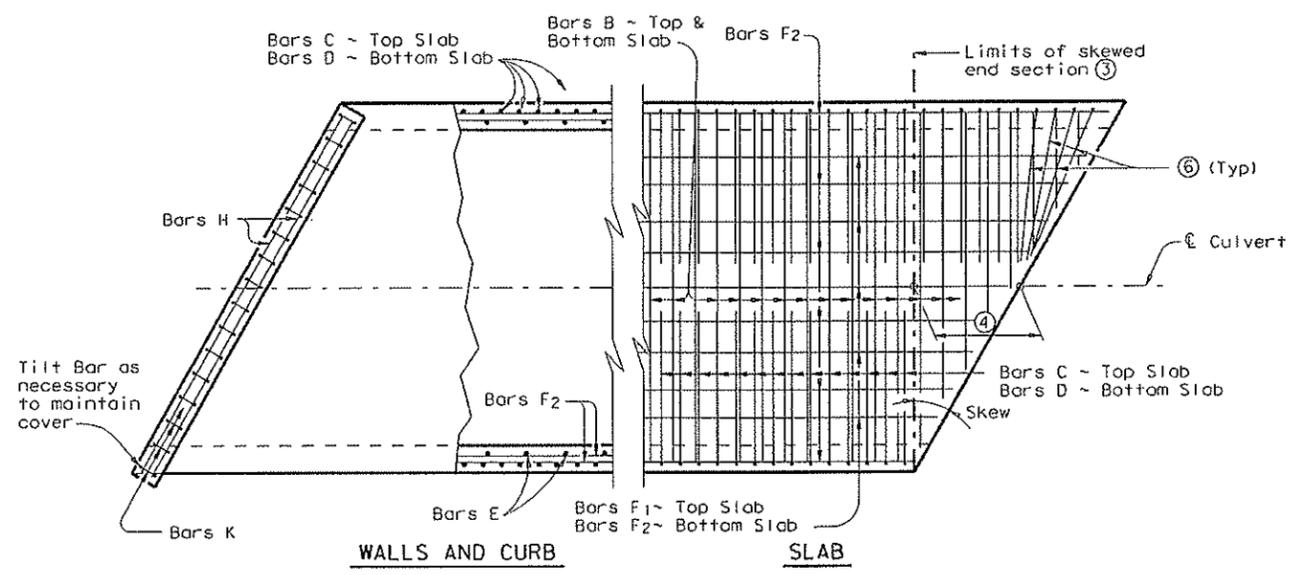


PLAN OF SKEWED ENDS ~ FROM 0° TO 15°

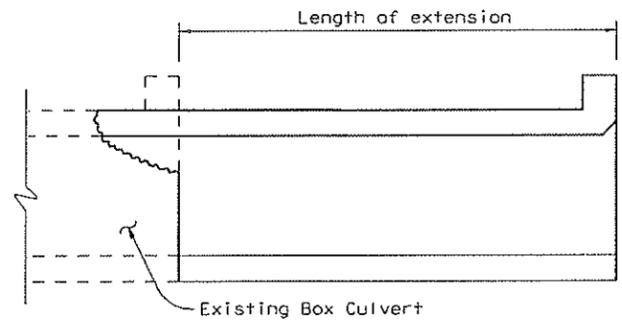
- ② When the spacing between Bars B becomes less than half of the normal spacing, bars shall be cut to avoid fouling
- ③ The length of Bars B and E will vary in the skewed end sections
- ④ [One half of overall width] x [Tan of the skew angle]
- ⑤ Bars F1 and F2 shall be continuous through the angle section. They shall be bent to remain parallel to the walls of the Box Culvert.
- ⑥ When necessary to avoid fouling in acute corners, the slab extension leg of Bars C and Bars D may be shortened to a minimum of 1'-6" for skews of 30° and 45°.
- ⑦ For skews of 15° or less, the contractor has the option of placing Bars B, C and D parallel to the skewed end while maintaining spacing along centerline box. Lengths of Bars B shown on the standards shall be increased to accommodate the skew.



PLAN OF SKEWED ENDS ~ OVER 30° TO 45°



PLAN OF SKEWED ENDS ~ OVER 15° TO 30°



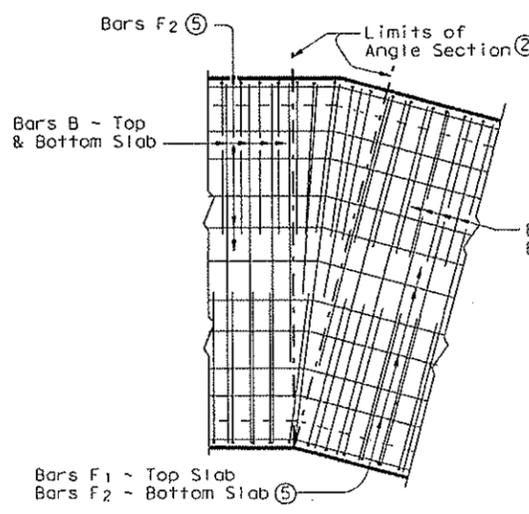
LENGTHENING DETAIL

① For box culverts with less than 2'-0" of fill, the top slab shall be broken back to provide a minimum 1'-10" lap of the existing longitudinal bars with the longitudinal bars in the extension. If the depth of fill is 2'-0" or greater, the top slab shall be broken back to provide a 1'-0" minimum embedment of existing longitudinal reinforcing into the extension. Alternatively, if the fill height is greater than 2'-0", the existing curb may be left in place and 2'-0" long #6 bars shall be drilled and grouted 1'-0" into the existing top slab at 1'-6" center to center spacing. Wings and apron shall be broken back as necessary to install the extension. Exposed wingwall and apron reinforcing may be removed or cleaned and included in the extension. When lengthening existing box culverts with dimensions different than current standard dimensions, horizontal and vertical transitions shall be formed as directed by the Engineer. Bottom slabs shall match to maintain an uninterrupted flow line. Existing and new reinforcing shall be field bent into transition maintaining specified cover requirements.

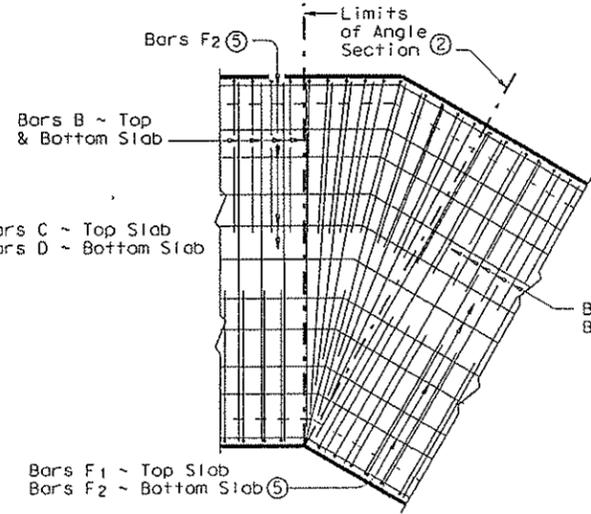
GENERAL NOTES:

Designed according to current AASHTO Standard and Interim Specifications.
 All reinforcing steel shall be Grade 60.
 All concrete shall be Class "C" with these exceptions: use Class "S" for top slabs of culverts with overlay, with 1-to-2 course surface treatment, or with the top slab as the final riding surface.
 Class "C" concrete shall have a minimum compressive strength of 3,600 psi. Class "S" concrete shall have a minimum compressive strength of 4,000 psi.
 The use of permanent forms is not allowed.
 Refer to Single Box Culverts Cast-in-Place standard for details of straight sections of culvert. For skewed sections and angle sections refer to Single Box Culverts Cast-in-Place standard for slab and wall dimensions, bar sizes, maximum bar spacing, and any other details not shown. For Skewed ends with curbs, adjust length of Bars H, number of Bars K, curb concrete volume and reinforcing steel weight by dividing the values shown on the culvert standards by the cosine of the skew angle.
 Laps for Bars H, when required, shall be 1'-9" for uncoated bars and 2'-7" for epoxy coated.

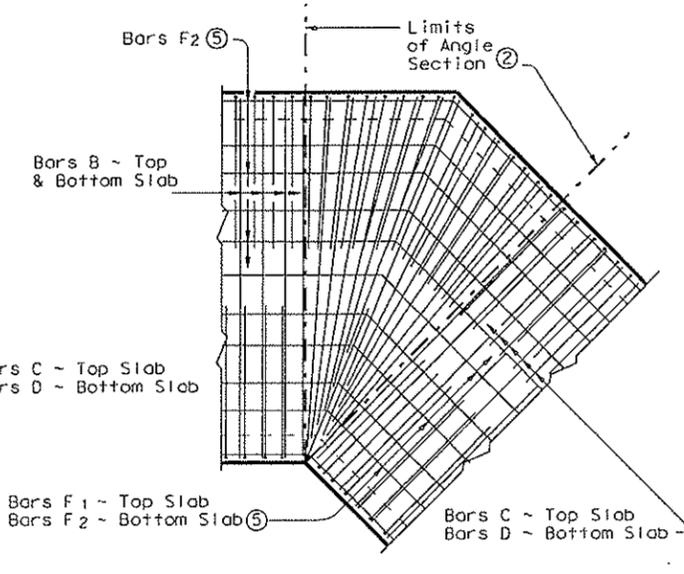
HS20 LOADING



PLAN OF ANGLE SECTION ~ FROM 0° TO 15°



PLAN OF ANGLE SECTION ~ OVER 15° TO 30°



PLAN OF ANGLE SECTION ~ OVER 30° TO 45°

Texas Department of Transportation
 Bridge Division

SINGLE BOX CULVERTS
 CAST-IN-PLACE
 MISCELLANEOUS DETAILS

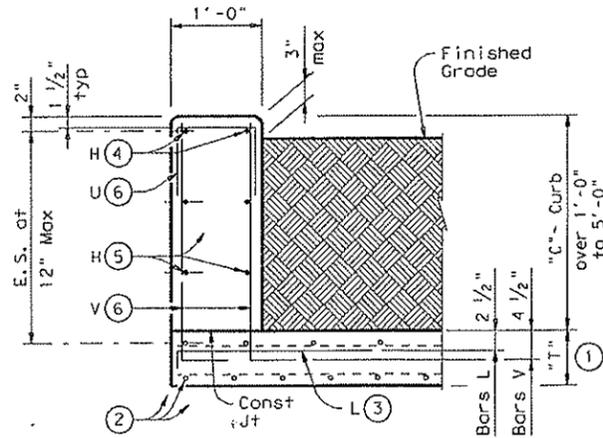
SCC-MD

FILE: sccmdste.dgn	DR: GAF	CHK: LMF	DES: BWH/TXDOT	EXT: GAF
©TxDOT May 2005	DISTRICT	FEDERAL AID PROJECT		SHEET 16A
REVISIONS				
COUNTY	CONTROL SECT	JOB	HIGHWAY	
COLLIN			CR655	

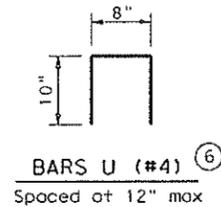
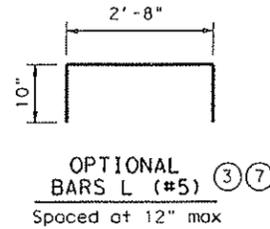
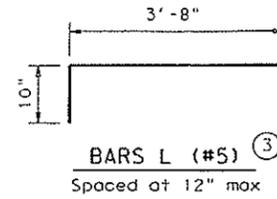
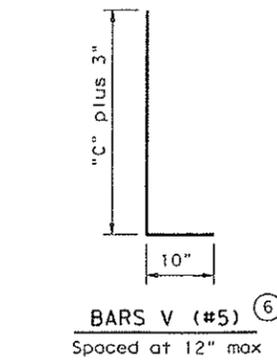
LEVEL	REVISION	DATE	BY

DISCLAIMER: The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the conversion of this standard to other formats or for incorrect results or damages resulting from its use.

LEVELS OF:									
DATE:									
PATH:									



TYPICAL SECTION
Used for Curbs over 1'-0" to 5'-0"



- ① "T" is equal to the culvert top slab thickness. For Precast Boxes with slabs less than 7", see SCP-MD Standard for additional details.
- ② Normal culvert slab bars adjusted as necessary to clear obstructions.
- ③ Place bars L as shown. Tilt hook as necessary to maintain cover.
- ④ Place normal culvert curb bars H (#4) as shown. Adjust as necessary to clear obstructions.
- ⑤ Additional bars H (#4) as required to maintain 12" max spa.
- ⑥ Replace normal culvert curb bars K with one bar U and two bars V as shown spaced at 12" max. Adjust length of bars V as necessary to maintain clear cover.
- ⑦ Optional bars L are to be used only for precast box culverts with 3'-0" closure pour.
- ⑧ Quantities shown are for contractor's information only. Quantities are per linear foot of curb length. The values for each section type in table can be interpolated for intermediate values of curb height, "C". Quantity includes bars K (when applicable).

Curb Height "C"	Conc (CY/LF)	Reinf Steel (LB/LF)
1'-0"	0.037	8.9
1'-6"	0.056	14.3
2'-0"	0.074	15.4
2'-6"	0.093	17.7
3'-0"	0.111	18.8
3'-6"	0.130	21.2
4'-0"	0.148	22.2
4'-6"	0.167	24.6
5'-0"	0.185	25.6

GENERAL NOTES:
 Designed according to current AASHTO Standard and Interim Specifications.
 These extended curb details have sufficient strength to allow for future retrofit of Type T6 railing. These details are not suitable for the mounting of other rail types. For new construction using T6 railing, use the T6-CM standards.
 All reinforcing shall be Grade 60. Adjust reinforcing as necessary to provide 1 1/4" cover.
 All concrete for curbs shall be Class "C" with a minimum compressive strength of 3600 psi.
 This Curb shall be considered as part of the Box Culvert for payment.
 For vehicle safety, the top of the curb shall project no more than 3" above the finished grade.

EXTENDED CURB DETAILS
 FOR BOX CULVERTS WITH
 CURBS OVER 1'-0" TO 5'-0" TALL

ECD

FILE: ecdstdel.dgn	DW: GAF	CR: GAF	DW: TxDOT	CR: GAF
© TxDOT May 2005	DISTRICT	FEDERAL AID PROJECT	SHEET	
REVISIONS		COUNTY	CONTROL SECT	JOB
		COLLIN		CR655

PRE-BID CONFERENCE

HELD: FRIDAY, FEBRUARY 26, 2010 @ 9:00 A.M.

PROJECT: CONSTRUCTION, BRIDGES: CR618 OVER CEDAR CREEK AND CR655 OVER BRANCH OF BRUSHY CREEK

FIRM	REPRESENTATIVE	PHONE	EMAIL
DCI CONTRACTING, INC.	DAVID PROCTOR	(940) 626-0022	dproctor@dcicontracting.org
A & M Construction	Josse Banda	972-835-2032	Tuneros1@sbcglobal.net
2L Construction L.L.C.	Chip Fisher	(817) 439-2152	chip@2lconstruction.com
ATASCOSA Bridge	Albert Torres	210 889-9560	
JMI Maintenance	Nathan Jones	903-450-4677	jminathorj@argontech.net
Oswal Hall Exc. Ltd	Lori Nelson	817-624-7207	lori@ohetac.com
Rose Contracting	Coug Graves	214-471-2933	
THE MASSANA MASSANA CONSTRUCTION	BEN MASSMANN	404-397-5588	massmannb@massanaconstruction.com
East Texas Bridge	Scott Pickett	903-553-9669	scott@etbridge.com
JRJ Paving, LP	Russell Harris	214-466-8340	russellh@jrjpaving.com
Rebcon, Inc.	Hannah Fowler	(972) 444-8230	estimating@rebcon.com
Gerco Construction	Kirk Hutchinson	214-347-2285	khutchinson@sercoconstruction.com

PRE-BID CONFERENCE

HELD: FRIDAY, FEBRUARY 26, 2010 @ 9:00 A.M.

PROJECT: CONSTRUCTION, BRIDGES: CR618 OVER CEDAR CREEK AND CR655 OVER BRANCH OF BRUSHY CREEK

COMPANY	PERSON	PHONE	EMAIL
Dannenbaum	Tommy Foster	972-239-7002	tommy.foster@dannenbaum.com
Dannenbaum	Greg Vowels	972-239-2002	greg.vowels@dannenbaum.com
ASHLAR CONTRACTING	LUTHER KENNON	972 436-5509	@larry_ashlar@yahoo.com
BEAVERS Contracting	Kerry Hall	940-365-3337	BeaversContr@Aol.com
CPS CIVIL LLC	Robert Farrow	972 674 2950	R.FARROW@CPS CIVIL.COM
JESKE Construction	MAT JESKE	972-620-2248	Steveneske@jeskeconstruction.com
R.K. HALL CONST LTD LARRY PRUITT	LARRY PRUITT	903 465 3872	L.PRUITT@RKHALLCONST.COM
MASSANA Construction	Rob Starr	(404) 379-6162	starr@massanaconstruction.com
KEN COMBS	ALPHA TESTING	972-620-8911 x164	KCOMBS@ALPHATESTING.COM
North Tx Bridge	Steve Goodman	972-924-3557	steve@NTBridge.com