



COLLIN COUNTY, TEXAS

ADDENDUM No. Two (2)

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 8, 2010

NOTICE TO ALL PROSPECTIVE BIDDERS:

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

DELETE: Addendum No. 1 Bid Schedule

REPLACE WITH: Addendum No. 2 Bid Schedule

ADD: Questions and Answers since issuance of addendum No. 1

MODIFY: CR 618, Sheet 2, Quantities and Typical Sections

MODIFY: CR 655, Sheet 2, Quantities and Typical Sections

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

SINCERELY,
FRANKLIN YBARBO
PURCHASING AGENT

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		1,248	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	\$	\$

COLLIN COUNTY
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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		3	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	\$	\$

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	232.90	CY	BEDDING (6 IN) _____ DOLLARS and _____ CENTS PER CUBIC YARD	\$	\$
20		163	GAL	MC-50 PRIME COAT _____ DOLLARS and _____ CENTS PER GALLON	\$	\$
21		812	SY	RE-BASE MATERIAL _____ DOLLARS and _____ CENTS PER SQUARE YARD	\$	\$
22		36	CY	DRIVEWAY (FLEX BASE) _____ DOLLARS and _____ CENTS PER SQUARE YARD	\$	\$
23		2	EA	GATE (INSTALL) (16') _____ DOLLARS and _____ CENTS PER EACH	\$	\$
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		645	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	\$	\$

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

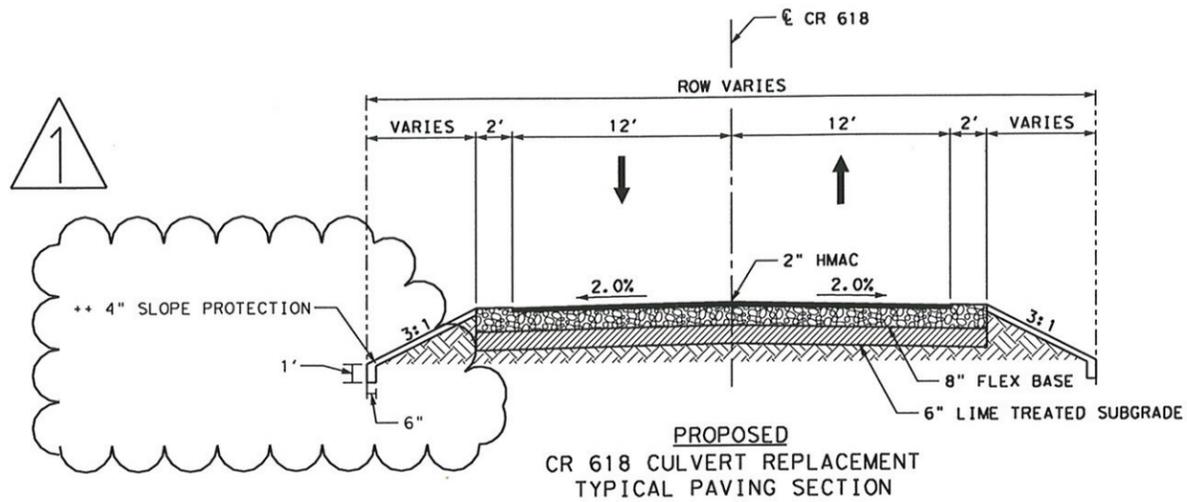
BID SCHEDULE

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		3	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)						\$

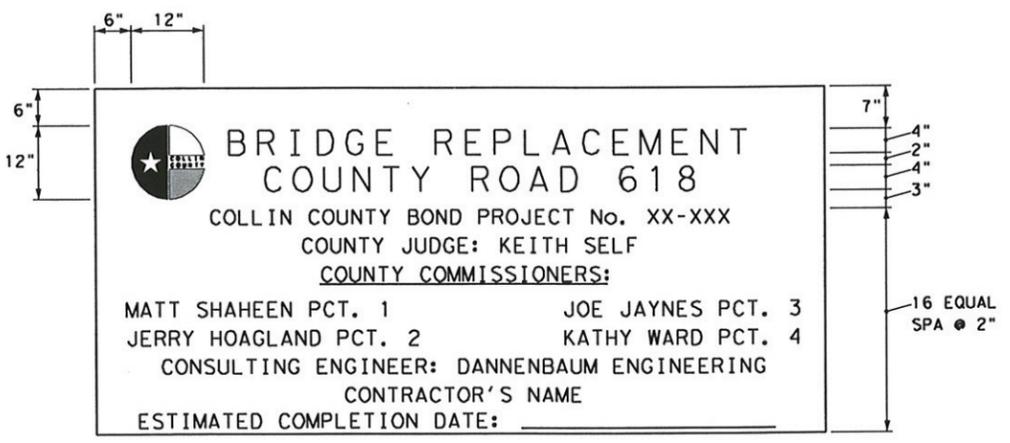
**Construction, Bridge: County Road 618 over Cedar Creek
and County Road 655 over Brushy Creek
Addendum No. 2**

1. **Question:** There is no bid item for the gravel drives. Will a bid item be added for the two gravel drives? What type of gravel is required?
Answer: There will be a bid item added and the driveways should be built using the same flex base that is being used for the roadway.
2. **Question:** There are two gates shown on the plans. Will a bid item be added for the gates?
Answer: Yes
3. **Question:** Can crushed concrete be used for flex base if it meets the requirement of TYA, GR4?
Answer: Yes
4. **Question:** I am not familiar with the type of slope protection called for on sheet #2. What is the re-base material? What is the application of the MC-30 and MC-50 material?
Answer: The re-base material will be re-claimed asphalt pavement millings. The MC-30 has been taken out of the project and the MC-50 is to be mixed with the millings.
5. **Question:** Question #11 appears to ask if structural excavation is included in the excavation bid item. If this is correct, the bid quantity would be much too low. Please clarify.
Answer: It was intended to. We agree the previous number was too low and we have adjusted the quantity accordingly.
6. **Question:** I don't see a top of wingwall grade or curb height for the 10' X 6' box culvert. Can you provide this information?
Answer: Please refer to standard PW and the cross sections, to determine top of wingwall grade and curb height. The curb will be approximately 1 ft.

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	1248
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	3
16	WIRE FENCE (TY D) (BARB WIRE)	LF	1133
17	REF PAV MKB 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	RE-BASE MATERIAL (FURNISH & INSTALL)	SY	812
22	DRIVEWAYS (FLEX BASE)	CY	36
23	GATE (INSTALL) (16')	EA	2

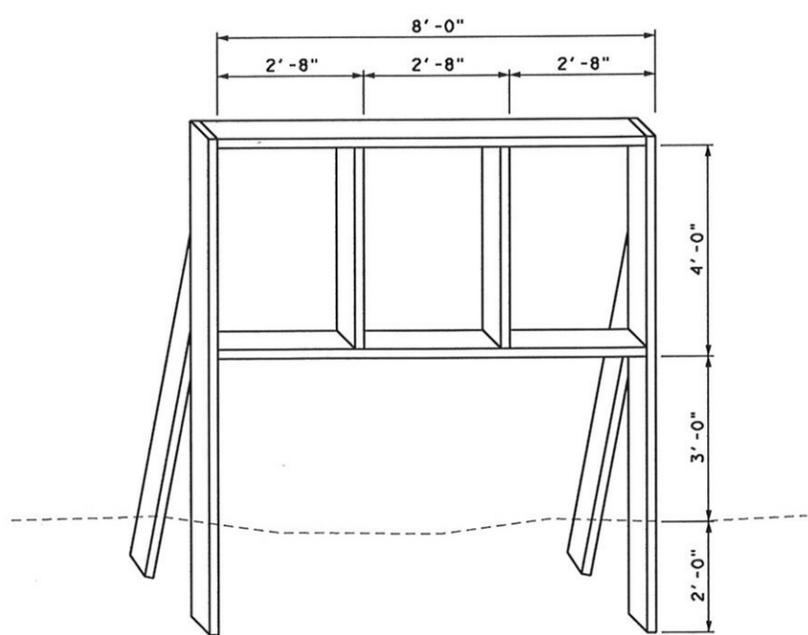


**ALL DISTURBED AREAS SHALL BE SEEDED
 ** SLOPE PROTECTION TO BE A RE-BASE MATERIAL WITH MC-50.



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	
1	3-8-10	ADDED DRIVEWAYS AND GATE 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 618 CULVERT REPLACEMENT

QUANTITIES & TYPICAL SECTION

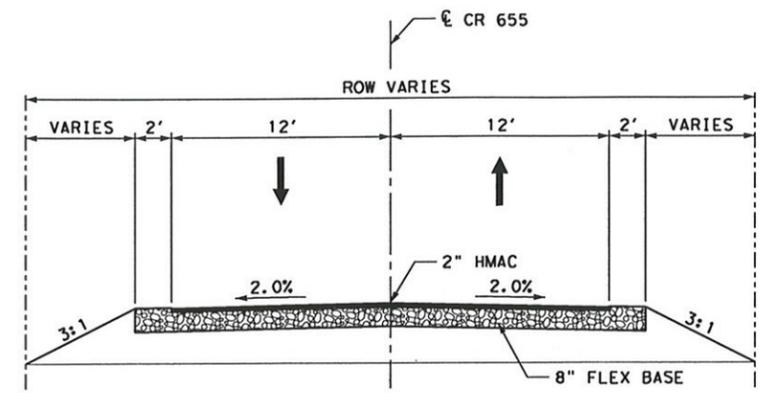
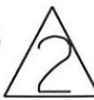
SHEET 1 OF 1

DESIGN	COUNTY	DATE:	SHEET NO.
GRAPHICS	COLLIN	3/8/2010	2
CHECK	STATE	SCALE: AS SHOWN	
CHECK	TEXAS		

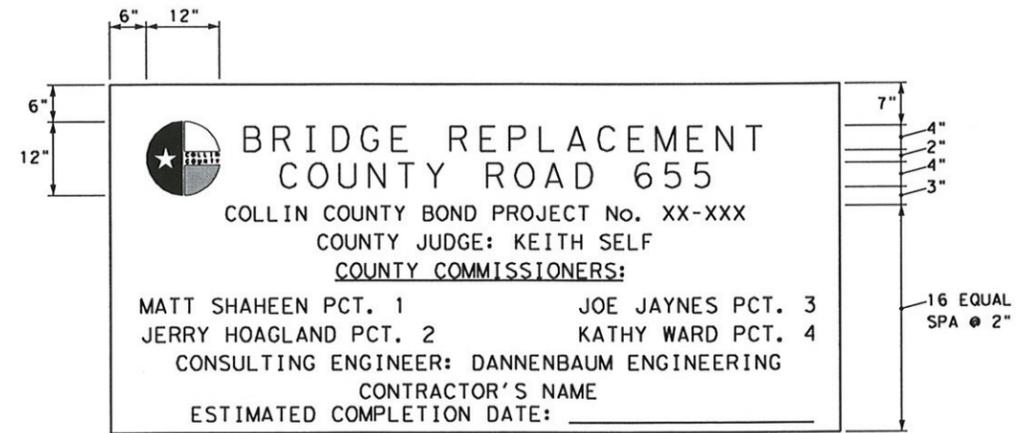
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ESTIMATED QUANTITIES			
ITEM	ITEM DESCRIPTION	UNIT	CO RD 618
1	MOBILIZATION	LS	1
2	PREPARING ROW	STA	1.00
3	D-GR HMA (METH) TY-C PG64-22	TON	30
4	FLEX BASE (COMPLETE IN PLACE)	CY	67
5	EXCAVATION (ROADWAY AND CHANNEL)	CY	645
6	EMBANKMENT	CY	67
7	SEEDING 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	3
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

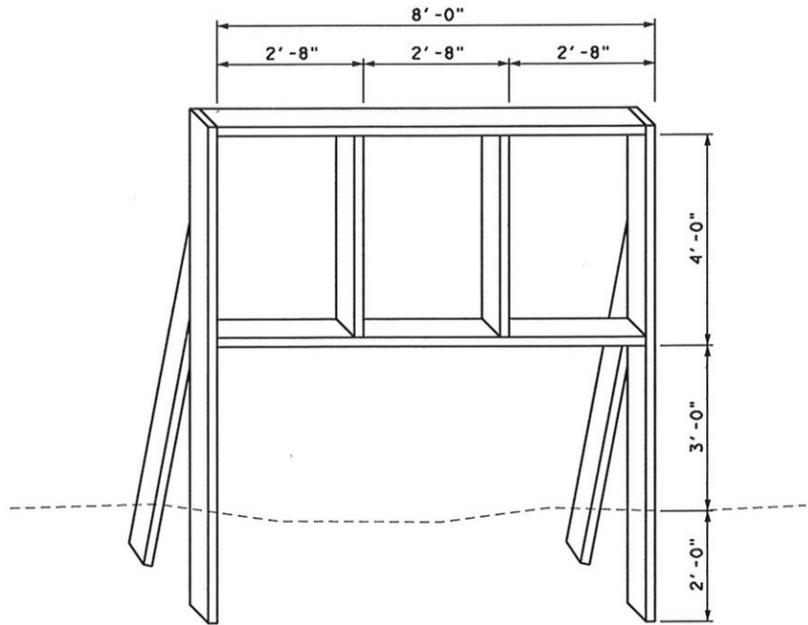


PROPOSED
CR 655 BRIDGE REPLACEMENT
TYPICAL PAVING SECTION



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	
2	3-8-10	ADJUSTED EXCAVATION QUANTITY	

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	
CHECK	TEXAS	

DATE: 3/8/2010
SCALE: AS SHOWN

FILE: g:\1220\4433-53\00N\655quantities.dgn
DATE: 3/8/2010