



COLLIN COUNTY, TEXAS

ADDENDUM No. One (1)

IFB NO. 2017-357

INVITATION FOR BIDS FOR

Construction, Bridge: County Road 613 over Groves Creek

DATE: November 10, 2017

NOTICE TO ALL PROSPECTIVE BIDDERS:

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

ADD: Pre-Bid Sign-In form

ADD: Engineer's Addendum No. 1

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

SINCERELY,
MICHALYN RAINS
PURCHASING AGENT



MANDATORY PRE-BID MEETING SIGN-IN SHEET

Project: IFB 2017-357, Construction, Bridge: CR 613 at Groves Creek **Meeting Date:** November 8, 2017

Facilitator: Matt Dobecka, CPPO, CPPB, CPCP **Place/Room:** Purchasing Conference Room

Name	Company	Phone	E-Mail
Charles Sites	EdBell Const. Co.	214-358-6581	estimating@edbellconstruction.com
Steve Goodman	GMB Equip	903-583-5000	Steve@NTBudge.com
Clara Zimmer	CC Purch		
Lauren Higgins	CC Purch		
Eric McManon	McManon Contracting	972-263-6907	eric@mcmanoncontracting.com
Eddie Abraham	Joe Funk Const	469-422-5429	EAbraham@JoeFunkConstruction.com
RICHARD ARVIZU	BINKLEY BARFIELD	972 644-2000	raa@binkybarfield.com
Douglas LAND	Account Geometric Group	404-258-9807	dland@ggng.com
TRACY HAMFELD	CC	972 548 3733	THAMFELD@collincountytx.gov
MATT DOBECKA	CC	972 548 3733 4103	mdobecka@collin.tx.us

**November 10, 2017
ADDENDUM NO. 1**

**CONSTRUCITON, BRIDGE:
COUNTY ROAD 613 OVER GORVES CREEK**

NOTICE TO ALL PROSPECTIVE BIDDERS:

This addendum forms part of the Contract Documents. Bidders shall acknowledge receipt of the Addendum in the spaces provided in the Contract Documents. Failure to acknowledge receipt of this Addendum may subject the Bidder to disqualification.

CONTRACT DOCUMENTS:

REVISIONS

- **Replace Construction Plans, Sheet 00, Cover Sheet and Index with attached Sheet 00**
 - Updated listing of County Commissioners
- **Replace Construction Plans, Sheet 01, General Notes with attached Sheet 01**
 - Fence Note No. 1 is revised to state:
 - *The Contractor shall be responsible for removing and replacing all fences that are designated to be relocated in the Plans, or are disturbed or removed by him during construction. All such fences shall be constructed in accordance with TxDOT Drawings (Barbed Wire Fence and Woven Wire Fence (Steel Posts) -WF(2)-10) and TxDOT Item 552 and/or to match existing fences as called out in the plans. Final location of fence shall be confirmed by the Contractor with the County Inspector. Replacement gates shall be constructed of suitable equality (equal to, or better than existing).*
- **Replace Construction Plans, Sheet 04, Typical Section, Details & Quantities with attached Sheet 04**
 - Updated listing of County Commissioners on Project Sign detail
 - 4" Type A Base Course is revised to 4" Type B Base Course
- **Replace Bid Proposal Sheet 2 of 8 with attached Sheet 2 of 8**
 - Bid item description for Bid Item 9: Prime Coat (MC-30) is revised to **Prime Coat (AE-P)**.
 - Bid item description for Bid Item 10: Dense-Graded HMA (METH) (TY-A) (SAC B) (PG64-22) is revised to **Dense-Graded HMA (METH) (TY-B) (SAC B) (PG64-22)**
- **Replace Bid Proposal Sheet 5 of 8 with attached Sheet 5 of 8**
 - Quantity for Bid Item. 26: Gate – Metal Pipe Fence (16' Wide) is revised from 1 to **2 EA.**
 - Note: This revised quantity is for 1 additional gate located approximately 40' north of the SE corner of the Spangler Living Trust property near Sta 2+30.

CLARIFICATIONS

- Rail Anchorage Details – Prestr Conc Box Beams (with Slab) BBRAS is contained in the plan set and provides for a Cast-in-Place Anchorage Option and an Epoxy Adhesive Anchorage Option for connecting the T631LS Traffic Rail to the bridge slab.
- The armor joints do not require sealant or backer rods.



- The removed metal pipe culverts shall be disposed of by the contractor in accordance with TxDOT Item 496.

This addendum will be included in and made a part of the Contract Documents.

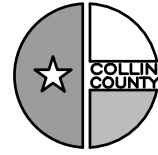
Binkley & Barfield, Inc.

A handwritten signature in black ink, appearing to read 'Richard A. Arvizu'. The signature is written in a cursive, flowing style.

Richard A. Arvizu, P.E., CFM
November 10, 2017

CONSTRUCTION PLANS FOR

C.R. 613 AT GROVES CREEK BRIDGE REPLACEMENT COLLIN COUNTY, TEXAS



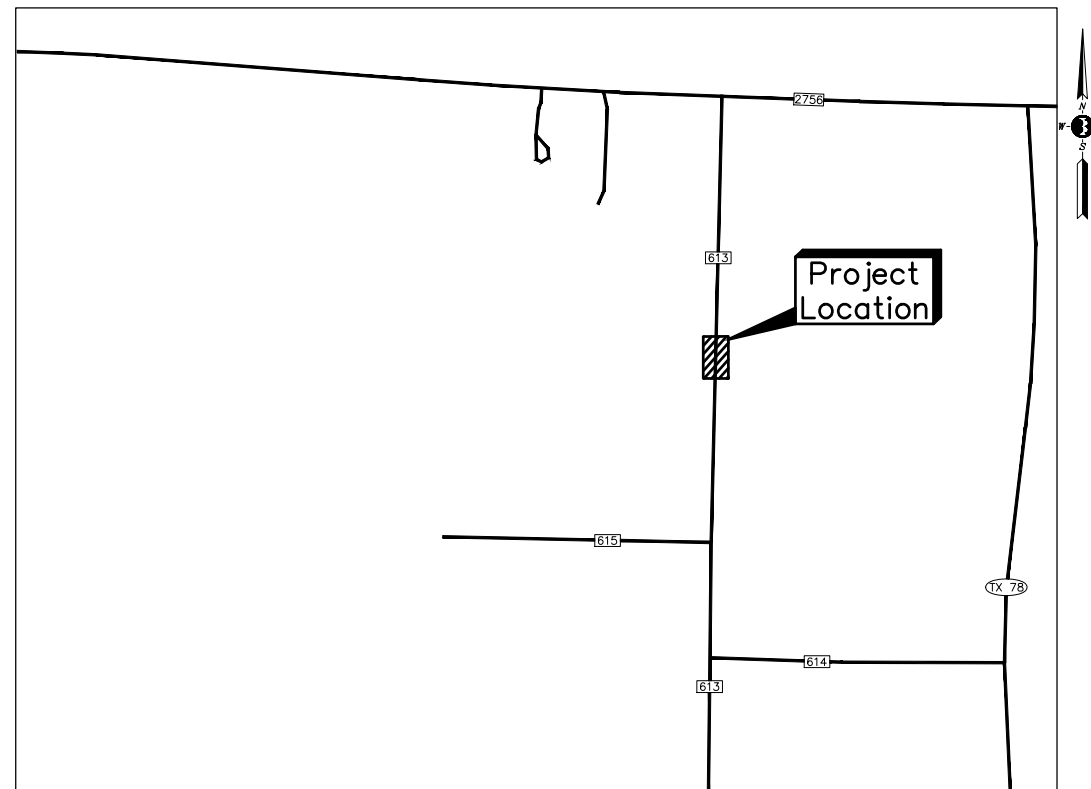
COLLIN COUNTY

COMMISSIONERS COURT

Keith Self County Judge
Susan Fletcher PCT. 1
Cheryl Williams PCT. 2
John Thomas PCT. 3
Duncan Webb PCT. 4

DIRECTOR OF ENGINEERING

Clarence Daugherty, P.E.



LOCATION MAP

INDEX of SHEETS

Sheet	Title
	Cover Sheet and Index
1	General Notes
2	Survey Control Plan
3	Drainage Area Map
4	Typical Section, Details & Quantities
5	Drop Inlet Details
6	Boring Logs
7	Bridge Layout
8	SWPPP
9	Erosion Control Plan
10	Traffic Control Plan
11	Prestressed Concrete Box Beam Standard Designs
12-13-14	Prestressed Concrete Box Beam Details
15	Elastomeric Bearing Details
16-17	Prestressed Concrete Box Beam Spans
18-19	Abutments
20	Beam Hold-Down Details
21-22	Common Foundation Details
23	Optional Drilled Shaft Reinforcing
24	Armor Joint Details
25	Bridge Approach Slab
26	Cement Stabilized Abutment Backfill
27	Rail Anchorage Details
28-29	Traffic Rail
30	Metal Beam Guard Fence Transition
31	Metal Beam Guard Fence
32	Metal Beam Guard Fence Short Radius (SR)
33	Single Guardrail Terminal
34	Delineators & Object Markers (VIA)
35-36	Stone Riprap
37	Barbed Wire & Woven Wire Fence
38	Temporary Erosion Sediment & Water Pollution Control Measures - Fence & Baled Hay
39	Temporary Erosion Sediment & Water Pollution Control Measures - Rock Filter Dams
40	Temporary Erosion Sediment & Water Pollution Control Measures - Construction Exits

Binkley & Barfield, Inc.
consulting engineers
Texas Registration Number F-257
1801 Gateway Blvd. Suite 101 Richardson, Texas 75080 Phone (972) 644-2800
www.binkleybarfield.com

October 2017

The seal appearing on this document was authorized by Richard A. Arvizu, P.E. Tx. No. 88432. Alteration of a sealed document without proper notification to the responsible engineer is an offense under the Texas Engineering Practice Act. October 05, 2017



Richard A. Arvizu

GENERAL NOTES

A. SPECIFICATIONS

1. Controlling Specifications for design and construction of this project are:
 - a. DESIGN SPECIFICATIONS
Highway bridge design live load is HL93.
AASHTO LRFD Bridge Design Specifications, 2012
 - b. CONSTRUCTION AND MATERIAL SPECIFICATIONS
Standard Specifications for Construction and Maintenance of Highways, Streets and Bridges adopted by the Texas Department of Transportation 2014, as listed or referred to in the specifications.

B. EARTHWORK

1. Contractor shall be responsible for any clearing and grubbing required for the proposed work in accordance with TxDOT Item 100 unless otherwise noted.
2. Creek excavation and grading of slopes shall be in accordance with TxDOT Item 110 unless otherwise noted.
3. Excavation for backfilling bridge abutments and wing walls shall be in accordance with TxDOT Item 400 unless otherwise noted.
4. Excavation for roadway shall be in accordance with TxDOT Item 110. Backfill for roadway embankments shall be placed in accordance with TxDOT Item 132 unless otherwise noted.
5. Borrow material for roadway embankment shall be in accordance with TxDOT Item 132, Type B, Class 3 and shall be on-site soils or borrow materials not contaminated by organics and other debris or rock greater than six (6) inches in maximum dimension and shall be suitable for formation of a stable embankment. Suitability of backfill material shall be determined by Collin County.
6. All backfill for roadway, bridge abutments and wing walls shall be compacted based on "Density Control" per TxDOT Item 132 unless otherwise noted. Density shall be 95% of the Standard Proctor (ASTM D698) at moisture contents within two (2) percent density of the optimum moisture content.
7. Compaction testing shall be nuclear method conforming to ASTM D2922 (Density) and ASTM D3017 (Moisture).
8. Compaction shall be obtained mechanically in accordance with TxDOT Item 210. No water jetting allowed.
9. Equipment used for compaction shall be equipment specifically designed for the purpose of compacting soil materials.
10. An independent testing laboratory will be required to submit reports that clearly show that compliance with these notes and the project specifications have been met. (Refer also to Note M) Reports to be submitted to Collin County.

C. CONCRETE

1. All concrete shall be furnished and placed in accordance with TxDOT Items 420 and 421 as amended by the Special Provisions of the technical specifications, and ASTM C94 and in compliance with A.C.I. hot weather or cold weather concreting recommendations unless otherwise noted. The more stringent specification or requirement shall be met.
2. All cast-in-place concrete for abutments and wing walls shall be Class "C" having a minimum compressive strength of 3600 psi at 28 days.
3. All cast-in-place concrete for drilled shafts shall be Class "C" having a minimum compressive strength of 3600 psi at 28 days.
4. All cast-in-place concrete for concrete riprap shall be Class "B" having a minimum compressive strength of 2000 psi at 28 days.
5. All concrete for the prestressed concrete beams shall be Class "H" having a minimum compressive strength as shown on plan sheet "Prestressed Concrete Beams".
6. All concrete for bridge slabs shall be Class "S" having a minimum compressive strength of 4000 psi at 28 days.
7. Testing (Refer also to Note M).
 - a. Mix design confirmation shall be required of each strength and class of concrete, from each different supplier and for each different phase of work. The confirmation shall be performed by an independent testing laboratory and the results shall be submitted to Collin County Engineering Department for approval prior to concrete installation on the project.
 - b. The laboratory shall mold sets of 5 cylinders for compressive strength tests. The sets of cylinders are to be tested
2 @ 7 days, 2 @ 28 days and one hold cylinder. A set of cylinders shall be cast for each mix used each day and for each different phase of work (i.e., piers, beams, slab). The frequency of cylinder sets shall be 1 set per 25 cubic yards of each mix used each day and for each different phase of work. Frequency of cylinder sets for continuous pours in excess of 100 cubic yards of concrete shall have 2 cylinder sets in the first 100 cubic yards and one set in each 100 cubic yards thereafter, for each mix used for each phase of work in each days work. The testing laboratory shall perform testing accordance to ASTM C172 (sampling), ASTM C31, (molding and curing cylinders), ASTM C143 (slump), ASTM C231 or ASTM C173 (air entrainment tests), and ASTM C39 (compressive strength tests).
8. See specifications regarding evaluation of concrete strength.
9. See specifications regarding removal of forms.

D. PRESTRESSED CONCRETE BEAMS

1. The prestressed concrete beams shall conform to the requirements of TxDOT Items 425 and 426 unless otherwise noted. Also, refer to plans for additional information.

E. CONCRETE FINISH

1. Concrete surface finish shall be ordinary surface finish per TxDOT item 420.
2. Bridge Deck Concrete Surface Treatment shall be penetrating surface treatment per TxDOT Item 428.

F. REINFORCING STEEL

1. All reinforcing steel shall be in accordance with TxDOT Item 440 unless otherwise noted and the following:
 - a. All reinforcing steel shall conform to ASTM A615 grade 60, except as noted in b below.
 - b. Any reinforcing steel to be welded shall conform to ASTM A706.
 - c. Unless otherwise shown on the plans, all reinforcing bars shall have a lap in accordance with ACI 318-02.

G. METALS FABRICATION

1. Structural steel for armor joints and embedded items shall conform to TxDOT Item 441, as amended by the Special Provisions of the technical specifications, and TxDOT Item 442 unless otherwise noted.
2. Structural steel shall conform to the requirements of ASTM A36.
3. Bridge railing shall conform to TxDOT Item 450.
4. Bolting and welding shall conform to TxDOT Items 447 and 448 as amended by the Special Provisions of the technical specifications.

H. DRILLED SHAFTS

1. All drilled shaft founding elevations are approximate. The drilled shafts shall be founded at the elevations shown or to greater depths as determined by the County Representative to obtain the minimum specified penetration in to the founding stratum.
2. Drilled shafts shall be constructed in accordance with TxDOT Item 416.
3. All drilled shafts should have a minimum penetration depth into the hard gray unweathered shaley limestone of 5 feet or 2D, whichever is larger. All design penetrations should be measured from the bottom of any temporary casings (if required) seated in the hard gray unweathered shaley limestone. Specified pier penetrations should not be counted on within the cased length of any pier.
4. An independent testing laboratory shall be present during all pier drilling operations. The Contractor shall cooperate fully with the laboratory in order to assimilate report data. Required information is:
 - a. Pier Design and Location
 - b. Date Drilled
 - c. Date Concrete Placed
 - d. Shaft Diameter
 - e. Ground Elevation of Pier
 - f. Top Elevation of Pier (Design/Actual)
 - g. Bottom Elevation (Design/Actual)
 - h. Deviation from Design (+ or -)
 - i. Steel Reinforcement used: Describe Size, Vertical Bars, Ties and Spacing or Spiral and Pitch
 - j. Splices (at what elevation) (if any)
 - k. Length of Casting Used (if any)
 - l. Depth of Bearing Strata
 - m. Penetration into Bearing Strata (Design/Actual)
 - n. Total Pier Length
 - o. Piers Comply with Plans and Specifications (yes/no)
 - p. Measurements in Feet and Tenths

I. UTILITIES

1. The information shown on the plans concerning type and location of underground and other utilities is not guaranteed to be accurate or all inclusive. The Contractor is responsible for making his own determinations as to the type and location of underground and other utilities as may be necessary to avoid damages thereto and any relocations required by the owner of the utilities. All utilities damaged by the Contractor shall be repaired or replaced at his expense.
2. For additional information regarding 4-inch water line location and protections contact:

Glenn McClain
North Farmersville Water Supply (NFWSC)
PO Box 212
Farmersville, TX 75442
(972) 782-6257

J. SUBSURFACE INFORMATION

1. Subsurface information is available in the following report:

DRAINAGE REPLACEMENT STRUCTURE – County Road 613
AGG Report No. E15-0705B

Presented By:

Alliance Geotechnical Group
7970 West Main Street
Frisco, Texas 75033
Dated: September 11, 2015

Neither Collin County nor Binkley & Barfield, Inc. will accept any responsibility for the accuracy or completeness of said data. The geotechnical reports may be viewed in the Collin County Engineering Department, 4690 Community Ave., Suite 200, McKinney, Texas, 75071 and the offices of Binkley & Barfield, Inc., Richardson, Texas.

K. REMOVAL OF EXISTING STRUCTURE

- See specifications and plans regarding the removal and disposal of the existing structure.

L. FENCES

1. The Contractor shall be responsible for removing and replacing all fences that are designated to be relocated in the Plans, or are disturbed or removed by him during construction. All such fences shall be constructed in accordance with TxDOT Drawing (Barbed Wire Fence and Woven Wire Fence (Steel Posts) – WF(2)-10) and TxDOT Item 552 and/or to match existing fences as called out in the plans. Final location of fence shall be confirmed by the Contractor with the County Inspector. Replacement gates shall be constructed of suitable equality (equal to, or better than existing).
2. Where fences are removed by the Contractor, temporary fences shall be provided by the Contractor to protect livestock. Such fences are to be constructed immediately upon removal of the existing fence, and shall remain in place for the duration of the construction and until the permanent replacement fence is installed. Temporary fences shall be constructed of suitable equality (equal to, or better than existing) to retain the livestock. Contractor is solely and entirely responsible for the loss of existing livestock present on each property and adjacent at each work site due to missing or inadequate fences removed or installed by him.

M. TESTING

1. Collin County shall be responsible for hiring an approved testing laboratory. The Contractor shall notify the laboratory and the Collin County Engineering Department 24 hours in advance of required testing. Additional testing may be required on "questionable" material as directed by Collin County Engineering Department or upon the request of the Independent Laboratory. The cost of additional testing or evaluations of tests to be borne by the Contractor. The testing laboratory may be requested to review its test reports and provide an evaluation as to the quality of workmanship or materials tested. This may be requested by the Engineering Department of Collin County. The laboratory may reject questionable materials and workmanship which does not comply with applicable specifications.
2. See specific requirements for testing of various materials as indicated on the plans and project specifications. In case of conflict, the notes shown in the plans shall govern.

N. CONSTRUCTION DAMAGE

The Contractor shall perform work activities within the right-of-way limits shown on the plans. The Contractor shall be responsible for protecting adjacent properties outside the work area from damage due to his work activities. The Contractor shall be solely liable for any damage due to property trespassed upon by him. In the event of such trespassing and ensuing damage by the Contractor, the Contractor shall obtain, from the affected property owner, a written, signed and notarized "Release of all Claims" indemnifying the County and Binkley & Barfield – C&P, Inc. from any and all liability to the property owner for damages. Notarized copies of said documents shall be furnished to the aforementioned parties.

O. DEWATERING/DIVERSION OF WATER

Groves Creek at the CR 613 location may contain water. Contractor shall develop and implement, as needed, a dewatering/water diversion plan to be approved by the County in order to perform grading and stone riprap placement within the channel. Price for all materials and labor to develop, implement, maintain, and remove the required components, which may or may not include dams, corrugated metal pipe culverts, and pumping systems, shall be considered incidental to other bid items.

P. EROSION CONTROL

1. Throughout the contract, the Contractor shall be responsible for erosion control and mitigation of the project area.
2. All TCEQ required permits (NOI or Construction Site Notice) must be submitted to the MS4 Operator which is Collin County at 825 N. McDonald, Suite 160, McKinney, TX 75069.
3. Apply seeding in all right of way areas, drainage easements, and along all disturbed areas.

Q. PAVEMENT MARKINGS

Preparation of surfaces for pavement markings shall be considered subsidiary to the pavement markings bid item.

R. BEAM HOLD DOWN

1. Prestressed concrete box beam hold downs shall be installed between the exterior and first interior beam on both sides of the bridge at abutments per TXDOT detail BBHD in this plan set.
2. This item shall be considered subsidiary to other bid items.

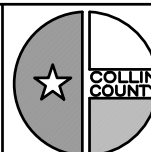
S. MISCELLANEOUS (BOWLEY PROPERTY)

1. Bidder shall visit site and perform the necessary investigations and verifications to familiarize contractor with the work to be performed. Match existing fence type with new materials. Existing cattle panels will be salvaged to the owner and placed in an area designated by the property owner.
2. Contractor shall protect and preserve as many trees as possible.
3. Contractor shall ensure the pasture remains secure at all times. Temporary fencing of sufficient quality to secure the llamas shall be required.

CAUTION EXISTING UTILITIES !!!

Existing utilities and underground facilities indicated on these plans have been located from reference information. It shall be the responsibility of the contractor to verify both horizontally and vertically the location of all existing utilities and underground facilities prior to construction, to take the necessary precautions in order to protect all facilities encountered. The contractor shall preserve and protect all existing utilities from damage during construction.

The seal appearing on this document was authorized by James B. Hornsby, P.E. Tx. No. 81485. Alteration of a sealed document without proper notification to the responsible engineer is an offense under the Texas Engineering Practice Act.
October 05, 2017



COLLIN COUNTY
ENGINEERING DEPARTMENT
MCKINNEY, TEXAS

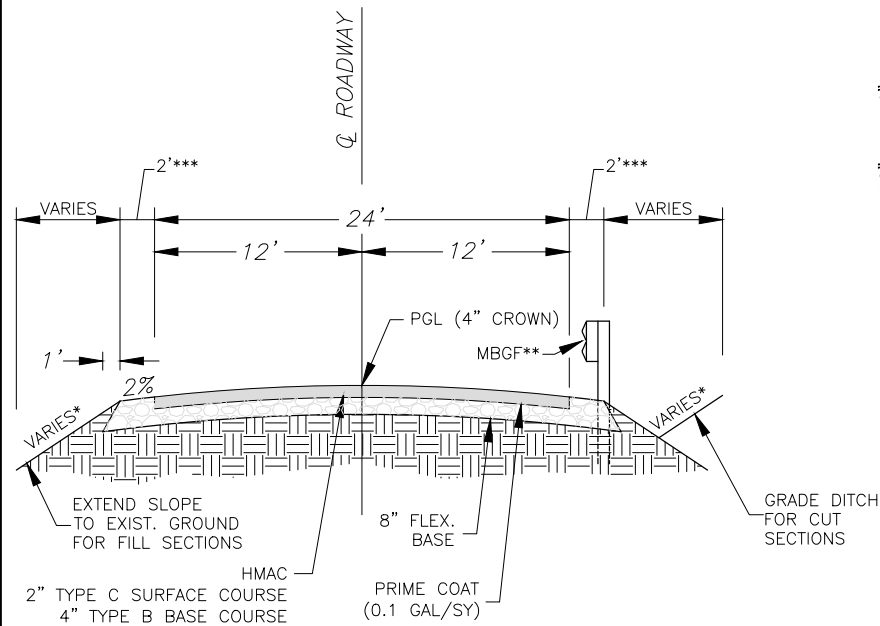


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Texas Registration Number F-257
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C.R. 613 AT GROVES CREEK
BRIDGE REPLACEMENT
COLLIN COUNTY, TEXAS

GENERAL NOTES

<table border="1"> <tr> <td>△</td> <td>Xxxxxx</td> <td>xx.xx.xx</td> </tr> <tr> <td>Rev</td> <td>Description</td> <td>Date</td> </tr> </table>	△	Xxxxxx	xx.xx.xx	Rev	Description	Date	<table border="1"> <tr> <td>Scale:</td> <td>Date:</td> <td>Job No.:</td> </tr> <tr> <td>N.T.S.</td> <td>10/05/17</td> <td>BC15040</td> </tr> </table>		Scale:	Date:	Job No.:	N.T.S.	10/05/17	BC15040	<table border="1"> <tr> <td align="center">1</td> </tr> </table>	1
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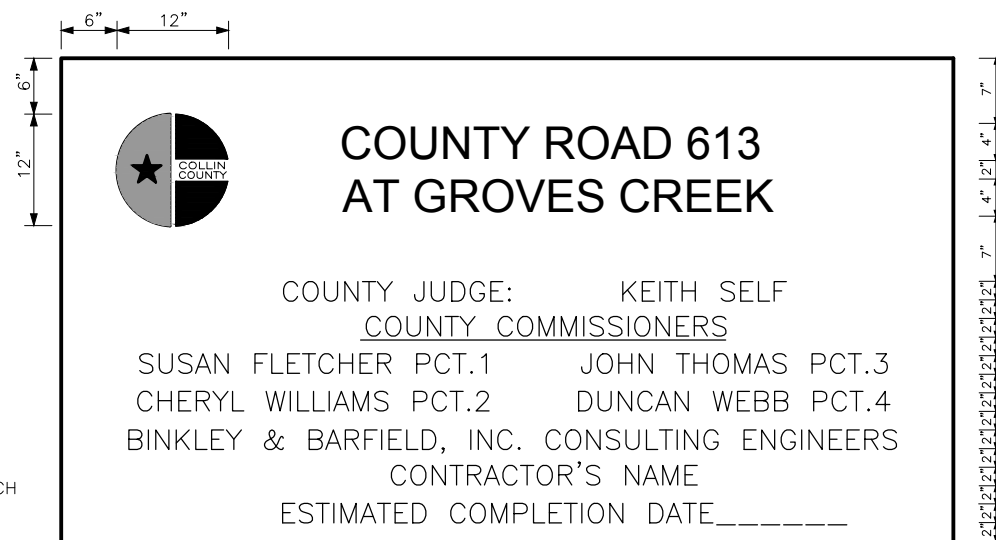
TYPICAL PAVING SECTION

N.T.S.

* SEE PLAN & PROFILE SHEET FOR SIDE SLOPE INFORMATION

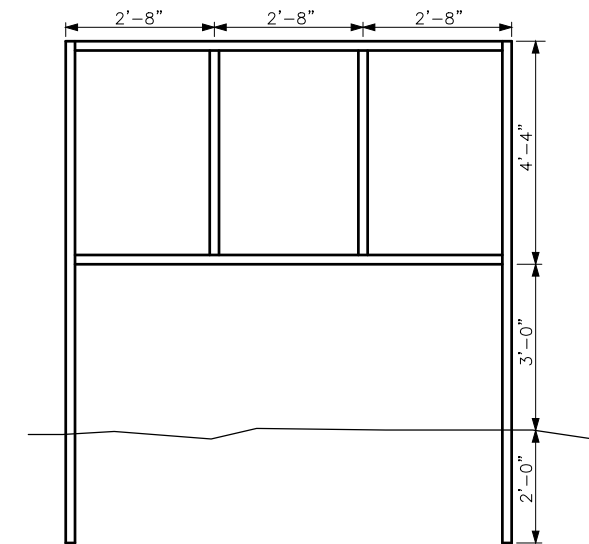
** SEE PLAN & PROFILE SHEET FOR LOCATIONS OF PROPOSED METAL BEAM GUARD FENCE.

*** 2' SHOULDER WIDENS TO 4' AT A 25:1 FLARE RATE AT ALL OF THE LOCATIONS OF THE SGT EXCEPT FOR THE NORTHEAST CORNER AS SHOWN ON THE PLAN & PROFILE SHEET. NO FLARE SHALL BE USED ON THE NORTHEAST CORNER. (SEE PLAN & PROFILE SHEET AND SGT STANDARD DETAIL FOR SGT LAYOUT & DETAILS)



PROJECT SIGN

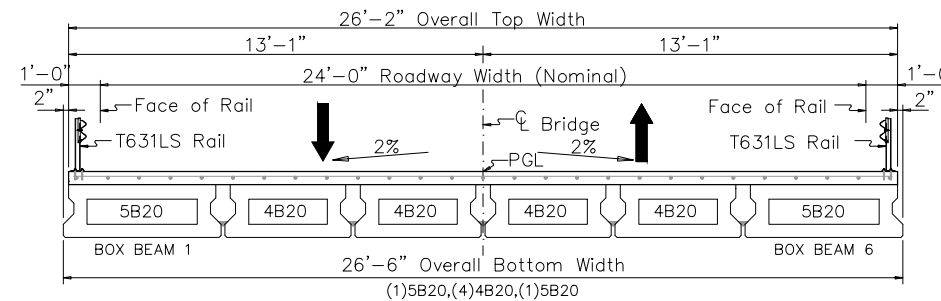
N.T.S.



SIGN FRAME DETAIL

NOTES:

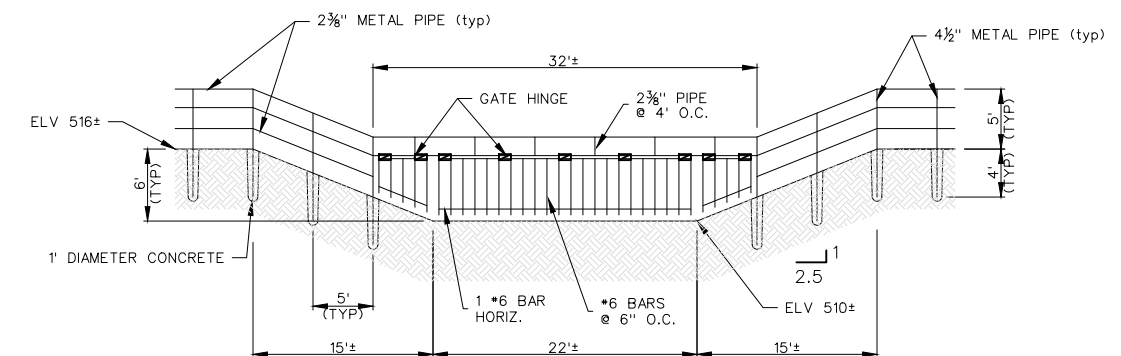
1. SIGN PANEL TO BE 3/4" EXTERIOR PLYWOOD.
2. FRAME TO BE 2"x4" STOCK.
3. FRAME TO BE PAINTED FLAT BLACK
4. PAINT BACKGROUND OF SIGN WHITE
5. PAINT PROJECT NAME IN BLUE LETTERS.
6. "BINKLEY & BARFIELD, INC. CONSULTING ENGINEERS" TO BE PAINTED IN GLOSSY BLUE.
7. PAINT COLLIN COUNTY LOGO IN ITS STANDARD COLORS BLUE, RED & WHITE.
8. PAINT BALANCE OF MESSAGE IN GLOSSY BLACK.
9. ALL PAINT TO BE EXTERIOR BASE PAINT.



BRIDGE SECTION

N.T.S.

BOX BEAM HOLD DOWN INSTALLATION SHALL BE CONSIDERED SUBSIDIARY TO THE BOX BEAM BID ITEM. SEE BEAM HOLD-DOWN DETAIL SHEET BBHD.



WATER CROSSING GATE DETAIL

N.T.S.

NOTES:

1. PIPE THICKNESS: 4-1/2" = 0.237" 2-3/8" = 0.095"
2. GATE TO BE PAINTED FLAT BLACK

BRIDGE ABUTMENT CAP ELEVATIONS

	LEFT	CENTER	RIGHT
ABUTMENT 1 (FWD)	518.277'	518.542'	518.277'
ABUTMENT 2 (BK)	518.277'	518.542'	518.277'

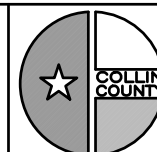
SUMMARY OF ESTIMATED BRIDGE QUANTITIES

DESCRIPTION	CLASS "C" CONCRETE		CLASS "S" CONCRETE			PRESTR CONC BEAM (TY 5B20)	PRESTR CONC BOX BEAM (TY 4B20)	CONC SURF TREATMENT (CLASS I)	STONE RIPRAP (COMMON) (DRY) (18")	RAIL (T631LS)	REMOVE STRUCTURE (PIPE)	CEMENT STABILIZED BACKFILL	ARMOR JOINT
	DRILLED SHAFT 30" DIA.	ABUTMENT	SLAB	SHEAR KEY	APPR SLAB								
	LF	CY	SF	CY	CY								
2 ~ ABUTMENTS	360	25.2			38.8							35.2	
1 ~ 60.00' PRESTR CONC BOX BEAM SPAN			1570	8.0		119	238	175	125	152			44.33
TOTAL	360	25.2	1570	8.0	38.8	119	238	175	125	152	2	35.2	44.33

CAUTION EXISTING UTILITIES !!!

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COLLIN COUNTY
ENGINEERING DEPARTMENT
MCKINNEY, TEXAS

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Texas Registration Number F-257
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C.R. 613 AT GROVES CREEK
BRIDGE REPLACEMENT
COLLIN COUNTY, TEXAS

TYPICAL SECTION, DETAILS & QUANTITIES

Rev	Description	Date
Xxxxxx		xx.xx.xx

Scale: 1:20	Date: 10/05/17	Job No.: BC15040	4
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BID PROPOSAL FOR CONSTRUCTION
CR 613 OVER GROVES CREEK

BID ITEM NO.	SPEC. ITEM NO.	QTY.	UNIT	BID ITEM DESCRIPTION AND UNIT PRICE BID WRITTEN IN WORDS	UNIT PRICE BID IN NUMBERS	AMOUNT BID
7	247	360	SY	FL BS (COMPL IN PLAC) (TY A GR 2) (8") for _____ DOLLARS AND _____ CENTS PER SQUARE YARD	\$ _____	\$ _____
8	247	142	SY	FL BS (COMPL IN PLAC) (TY A GR 2) (10") (FOR SHOULDERS) for _____ DOLLARS AND _____ CENTS PER SQUARE YARD	\$ _____	\$ _____
9	310	36	GAL	PRIME COAT (AE-P) for _____ DOLLARS AND _____ CENTS PER GALLON	\$ _____	\$ _____
10	340	78	TON	DENSE-GRADED HMA (METH) (TY-B) (SAC B) (PG64-22) for _____ DOLLARS AND _____ CENTS PER TON	\$ _____	\$ _____
11	340	39	TON	DENSE-GRADED HMA (METH) (TY-C) (SAC B) (PG64-22) for _____ DOLLARS AND _____ CENTS PER TON	\$ _____	\$ _____
12	400	35.2	CY	CEMENT STABLIZED BACKFILL for _____ DOLLARS AND _____ CENTS PER CUBIC YARD	\$ _____	\$ _____

BID PROPOSAL FOR CONSTRUCTION
CR 613 OVER GROVES CREEK

BID ITEM NO.	SPEC. ITEM NO.	QTY.	UNIT	BID ITEM DESCRIPTION AND UNIT PRICE BID WRITTEN IN WORDS	UNIT PRICE BID IN NUMBERS	AMOUNT BID
25	DRAWING	164	LF	METAL PIPE FENCE (MATCH EXISTING) for _____ DOLLARS AND _____ CENTS PER LINEAR FOOT	\$ _____	\$ _____
26	DRAWING	2	EA	GATE - METAL PIPE FENCE (16' WIDE) for _____ DOLLARS AND _____ CENTS PER EACH	\$ _____	\$ _____
27	DRAWING	1	EA	WATER CROSSING GATE FENCE (32' WIDE) for _____ DOLLARS AND _____ CENTS PER EACH	\$ _____	\$ _____
28	450	152	LF	RAILING (T631LS) for _____ DOLLARS AND _____ CENTS PER LINEAR FOOT	\$ _____	\$ _____
29	454	44.33	LF	ARMOR JOINT for _____ DOLLARS AND _____ CENTS PER LINEAR FOOT	\$ _____	\$ _____
30	496	120	LF	REMOVING STRUCTURES (PIPE) (96" CMP) for _____ DOLLARS AND _____ CENTS PER LINEAR FOOT	\$ _____	\$ _____