

**JAN 22 2019**

SHERRY MURRAY  
COUNTY CLERK

**190025**

SA&I 1-4040 (2000)

Canadian \_\_\_\_\_ County, Oklahoma  
COUNTY PURCHASING OFFICE  
Canadian \_\_\_\_\_ County Court House  
El Reno \_\_\_\_\_, Oklahoma  
Phone: ( 405 ) 295-6125

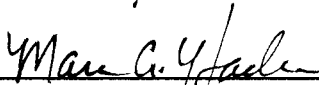
INVITATION TO BID

PLEASE REVIEW TERMS AND CONDITIONS ON REVERSE  
SIDE RELATING TO SUBMISSION OF THIS BID.  
Notarized Affidavit completions and signature required on reverse side.

DATE ISSUED January 22, 2019
Page 1 of 2

BID NUMBER #2019-#12 062 D1 Bridge Project / District #1	BID CLOSING DATE AND HOUR Feb 19, 2019 @ 9:30am	REQUIRED DELIVERY DATE SEE SPECIFICATIONS _____ Days after award of Purchase Order
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TERMS Net, FOB Bids will be received beg. 9:30am Tuesday Feb 12 until Feb 19, 2019 @ 9:30am	DATE OF DELIVERY: SEE SPECIFICATIONS
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ITEM	QUANTITY	UNIT OF ISSUE	DESCRIPTION	UNIT PRICE	TOTAL
1 or more			<p>Canadian County Distirct #1 is seeking bids for 062 D1 Bridge Project.</p> <p>See Specifications attached.</p> <p>The Board of Canadian County Commissioners reserves the right to reject any and all bids or to award all or any portion of the items bid. All data will be considered in the awarding of the bid including the delivery time.</p> <p><u>The terms &amp; conditions of this document must be completed and returned or the bid will be rejected.</u></p> <p>Contact person: Justin Atkinson, District #1 Foreman 1103 N. Shepard Ave El Reno, OK 73036 (405) 262-4673</p>		<p>\$ _____</p> <p>Total</p>
			<p><b>APPROVED</b></p> <p>Date: <u>1/22/19</u></p> <p> _____ Officer or Department Head</p>		

**TERMS AND CONDITIONS**

1. Sealed bids will be opened in the Commissioner's Conference Room, Canadian  
County Courthouse, 201 N. Choctaw Avenue, El Reno, Oklahoma, at the time and date shown on the invitation to bid form.
2. Late bids will not be considered. Bids must be received in sealed envelopes (one to an envelope) with bid number and closing date written on the outside of the envelope.
3. Unit prices will be guaranteed correct by the bidder.
4. Firm prices will be F.O.B. destination.
5. Purchases by Canadian County, Oklahoma, are not subject to state or federal taxes.
6. This bid is submitted as a legal offer and any bid when accepted by the County constitutes a firm contract.
7. Oklahoma laws require each bidder submitting a bid to a county for goods or services to furnish a notarized sworn statement of non-collusion. A form is supplied below.
8. Bids will be firm until 3/19/2019  
(DATE)

AFFIDAVIT: I, the undersigned, of lawful age, being first duly sworn on oath say that he (she) is the agent authorized by the bidder to submit the above bid. Affiant further states that the bidder has not been a party to any collusion among bidders in restraint of freedom of competition by agreement to bid at a fixed price or to refrain from bidding; or with any state official or employee as to quantity; quality or price in the prospective contract or any other terms of said prospective contract; or in any discussions between bidders and any state official concerning exchange of money or other thing of value for special consideration in the letting of a contract; that the bidder/contractor has not paid, given or donated or agreed to pay, give or donate to any officer or employee of the State of Oklahoma (or other entity) any money or other thing of value, either directly or indirectly in the procuring of the award of a contract pursuant to this bid.

Subscribed and sworn before this \_\_\_\_\_ day

of \_\_\_\_\_, 20 \_\_\_\_\_

(SEAL)

Firm: \_\_\_\_\_

My commission expires \_\_\_\_\_

Signed by: \_\_\_\_\_ Title: \_\_\_\_\_  
(Manual Signature of Undersigned)

\_\_\_\_\_  
NOTARY PUBLIC (CLERK OR JUDGE)

Address: \_\_\_\_\_ Phone: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_

Zip: \_\_\_\_\_

Please mail sealed bids to:  
Canadian County Clerk's Office  
Attn: Purchasing  
PO Box 458  
El Reno, OK 73036

Street Address:  
201 N Choctaw Avenue  
El Reno, OK 73036



**Canadian County  
Purchasing**

**Bid Specifications**

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Date Issued: January 22, 2019  
Bid Number: **2019-#12**  
Closing Date: February 19, 2019 at 9:30am  
PO Box 458, 201 N. Choctaw Ave., El Reno, OK 73036  
Opening Date: February 19, 2019 at 9:30am  
Commissioner's Meeting Room, 201 N. Choctaw Ave., El Reno, OK 73036

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~ SPECIFICATIONS~

**062 D1 Bridge Project / District #1**

Canadian County District #1 is seeking bids for 062 D1 Bridge Project.

**Specifications:**

Please see attached specifications and plans

**Pre-bid Construction Meeting to be held at the project site  
Thursday, January 31, 2019 at 9:00 a.m.**

**For Information Contact:**

Justin Atkinson, District #1 Foreman  
Phone: (405) 262-4673  
Hours: Monday – Thursday 6:00am to 4:30pm  
Address: 1103 N. Shepard Ave, El Reno, OK 73036

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If you have any questions or need additional information, please contact:

**D'Shea Brothers**, Purchasing Agent, 405.295.6125  
dbrothers@okcana.cogov.net

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201 N. Choctaw Avenue, El Reno, OK 73036  
405.295.6125 ~ Fax 405.422.2437  
www.canadiancounty.org

CONTRACT DOCUMENTS  
AND  
PLANS AND SPECIFICATIONS

for

**Canadian County**

**Construction of Bridge Project**

**062 D1**

**09E0980N2890003**

Prepared for

**Canadian County**

January 2019

## PROPOSAL

TO: Canadian County Commissioners  
Canadian County, Oklahoma

Gentlemen:

Pursuant to the notice inviting proposals, the undersigned bidder herewith submits his proposal.

He declares he has carefully examined the Plans, Specifications and forms of Contract and bonds as set forth in the proceedings for:

**Canadian County  
Construction of Bridge Project  
062 D1  
09E0980N2890003**

and that he has reached a full understanding of everything required on said Plans and Specifications, and that he has informed himself as to the kind and quantities of various materials to be furnished and/or the nature and location of the work to be done, and all other matters affecting the work.

The undersigned bidder proposes and agrees that if his proposal is accepted, to enter into contract with the County, on forms prescribed, with approved sureties, within two weeks, after notice of award to execute the Contract, and to furnish to the County a satisfactory Performance and Statutory Bond in the sum of 100% of the contract price, guaranteeing the faithful performance of the work and payment of bills.

To do any extra work not covered by the following schedule of prices or stipulated lump sum price which may be ordered by the Engineer and to accept as full compensation therefor such prices as may be agreed upon in writing by the Engineer and the Contractor in accordance with Section 108.04 of the General Provisions.

The Contractor shall take out and maintain public liability insurance in accordance with Section 106.25 of the General Provisions of the Specifications. A copy of said Specifications is now on file in the Office of the County Clerk.

Upon completion of the Contract, the Contractor shall furnish to the County a satisfactory Maintenance Bond in the amount of 100% of the final contract price, guaranteeing the maintenance of the work for a period of **ONE** (1) year after acceptance by the County.

Accompanying this proposal is a proposal guaranty for 5% of the total bid, payable to Canadian County, which is to be forfeited, as liquidated damages, if, in the event that this proposal is accepted, the undersigned shall fail to execute the contract and furnish satisfactory contract bond under the conditions and within the time specified in this proposal. Otherwise said proposal guaranty is to be returned to the undersigned.

**PROPOSAL**  
**Canadian County**  
**Construction of Bridge Project**  
**062 D1**  
**09E0980N2890003**

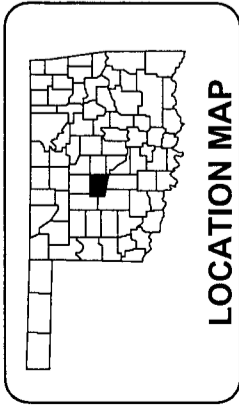
<b>BRIDGE "062 D1" PAY QUANTITIES</b>					
<b>Item</b>	<b>Description</b>	<b>Units</b>	<b>Quantity</b>	<b>Unit Price</b>	<b>Total Price</b>
1	Bridge Construction Labor	L. SUM	1		
2	H.E.S. Concrete & Finishing	C.Y.	34.0		
3	Pile Driving Beyond Plan Quantity	L.F.	130		

**TOTAL BID** \_\_\_\_\_

# CANADIAN COUNTY, OKLAHOMA

## PLAN OF PROPOSED BRIDGE REPLACEMENT

BRIDGE "062 D1" (EW-098) OVER UNNAMED CREEK  
STRUCTURE NO. 09E0980N2890003

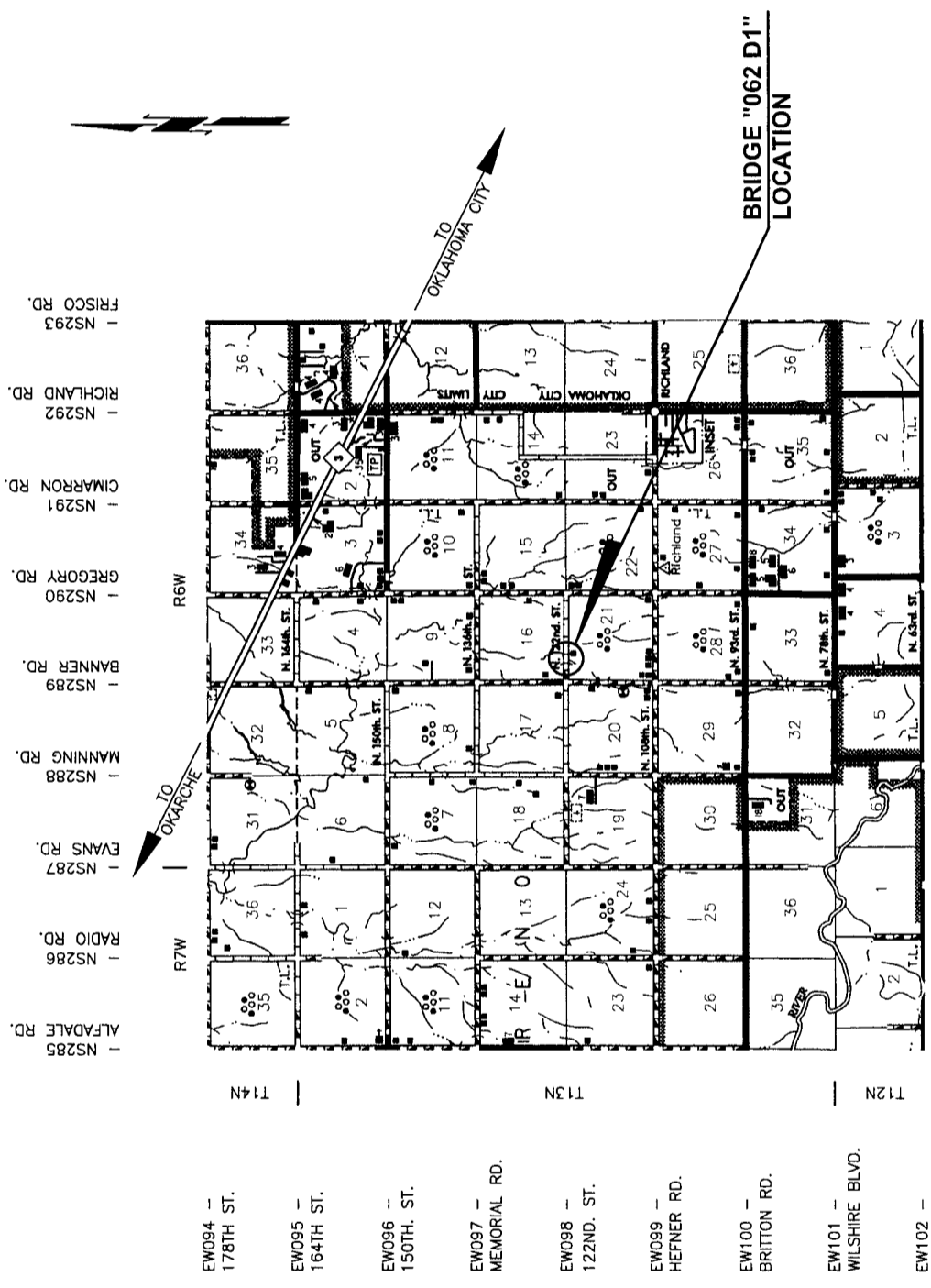


### INDEX OF SHEETS

- 1 TITLE SHEET
- 2 SUMMARY OF PAY QUANTITIES AND NOTES (BRIDGE)
- 3 ABUTMENT PLAN
- 4 ABUTMENT DETAILS
- 5 SUPERSTRUCTURE DETAILS
- 6 BEAM FRAMING PLAN
- 7 REINFORCING PLAN

REVISIONS

DATE



BRIDGE "062 D1" LENGTH \_\_\_\_\_ 47.75 FT

STATE OF OKLAHOMA  
CANADIAN COUNTY  
FILED OR RECORDED  
JAN 22 2019  
SHERRY MURRAY  
COUNTY CLERK  
190024

APPROVED:  
BOARD OF COUNTY COMMISSIONERS

*Marc Hader* MARC HADER DISTRICT NO. 1  
*David Anderson* DAVE ANDERSON DISTRICT NO. 2  
*Jack Stewart* JACK STEWART DISTRICT NO. 3



PREPARED BY:  
MKEC ENGINEERING, INC.  
CA#2958 06/30/19  
OKLAHOMA CITY, OKLAHOMA

*Sherry Murray* SHERRY MURRAY COUNTY CLERK  
DATE 1-22-2019



## GENERAL CONSTRUCTION NOTES

SPECIFICATIONS - COMPLY WITH THE REQUIREMENTS OF THE 2009 OKLAHOMA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, EXCEPT AS MODIFIED BY THE PLANS.

VERIFICATION OF EXISTING CONDITIONS - THE CONTRACTOR SHALL BE RESPONSIBLE FOR FULLY UNDERSTANDING THE NATURE OF THE WORK AND CONDITIONS UNDER WHICH THE WORK WILL BE PERFORMED.

MATERIALS - ALL MATERIAL MUST BE NEW AND DELIVERED TO PROJECT SITE.

CANADIAN COUNTY WILL SUPPLY FIVE (5) W33X118 X 47'-0" LONG ROLLED STEEL BEAMS WITH CHANNEL SHEAR CONNECTORS FOR BRIDGE 062 D1.

PROVIDE H-PILES IN ACCORDANCE WITH ASTM A572 GRADE 50. PROVIDE STRUCTURAL STEEL FOR ALL ANGLES IN ACCORDANCE WITH ASTM A709 GRADE 50. PROVIDE CHANNELS AND STEEL PLATE IN ACCORDANCE WITH ASTM A709 GRADE 36 OR 50. PROVIDE WELDED STUDS FOR CHANNEL HEADERS IN ACCORDANCE WITH ASTM A108, GRADE 1015, 1018 OR 1020.

REMOVAL OF EXISTING BRIDGE - CANADIAN COUNTY WILL REMOVE THE EXISTING BRIDGE.

CONSTRUCTION TRAFFIC CONTROL - CANADIAN COUNTY WILL BE RESPONSIBLE FOR ALL CONSTRUCTION SIGNING AND TRAFFIC CONTROL. CONTRACTOR SHALL GIVE CANADIAN COUNTY DISTRICT NO. 1 AT LEAST 2 WEEKS NOTICE BEFORE BEGINNING CONSTRUCTION.

BRIDGE ALIGNMENT - COUNTY OR C.E.D. WILL SET THE ALIGNMENT FOR BRIDGE.

## PAY ITEM NOTES

B1 INCLUDES ALL COST OF ALL LABOR, EQUIPMENT, WELDING AND INCIDENTALS NECESSARY TO CONSTRUCT THE BRIDGE, EXCEPT FOR SUPPLYING, PLACING AND FINISHING CONCRETE FOR THE DECK.

B2 PROVIDE HIGH EARLY STRENGTH CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 4500 P.S.I. HIGH EARLY STRENGTH CONCRETE MUST REACH MINIMUM COMPRESSIVE STRENGTH WITHIN 72 HOURS OF PLACEMENT.

INCLUDE ALL COST ASSOCIATED WITH SUPPLYING THE CONCRETE, PLACING AND FINISHING THE BRIDGE DECK CONCRETE INCLUDING ALL MATERIAL, LABOR, EQUIPMENT, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK IN THE CONTRACT UNIT PRICE OF "H.E.S. CONCRETE & FINISHING".

B3 THE PRICE BID FOR THIS ITEM SHALL ESTABLISH THE CONTRACT UNIT PRICE, PER LINEAR FOOT, FOR THE DRIVING OF THE ABUTMENT SEAT H-PILES PAST THE PLAN LENGTH IF IT IS NECESSARY TO DO SO.

## MATERIAL NOTES

- (1) QUANTITY BASED ON 2 CAPS 34'-0" LONG.
- (2) QUANTITY BASED ON 12 PILES 30'-0" LONG.
- (3) QUANTITY BASED ON 14 PILES 40'-0" LONG.
- (4) SEAT PILES SHALL BE DRIVEN TO PRACTICAL REFUSAL. WING PILES SHALL BE DRIVEN TO FULL LENGTH OR PRACTICAL REFUSAL, WHICHEVER OCCURS FIRST.
- (5) PROVIDED BY CANADIAN COUNTY
- (6) DRIVE SHEET PILING TO PLAN LENGTH. QUANTITY BASED ON 20'-0" LONG SHEET PILES FOR 2 ABUTMENTS 34'-0" WIDE WITH TWO 10'-0" WINGS.
- (7) QUANTITY BASED ON 40 SHEETS 36" WIDE X 12' LONG. NO WASTE WAS INCLUDED IN THE QUANTITY.
- (8) QUANTITY BASED ON 18 POSTS 5'-8" LONG.
- (9) ESTIMATED QUANTITY FOR 56 STIFFENER PLATES ½"x5"x9" IN SIZE.
- (10) PLACE SLAB BOLSTER AT NO MORE THAN 4 FOOT CENTERS. SLAB BOLSTER SHOULD BE 5'-0" IN LENGTH WITH 5" LEG SPACING. SLAB BOLSTER SHALL RUN PARALLEL OR PERPENDICULAR TO  $\bar{C}$  OF BRIDGE.
- (11) USE WHEN REQUIRED. ASSUMED 120 PIECES OF 5 INCH LONG CHANNEL NEEDED.
- (12) QUANTITY BASED ON 4 CHANNELS 20'-0" LONG.
- (13) QUANTITY BASED ON 5 PLATES 20'-0" LONG.
- (14) QUANTITY BASED ON 16 SECTIONS 8'-0" LONG FOR END CROSS-BRACING AND 20 SECTIONS 7'-0" LONG FOR INTERMEDIATE CROSS-BRACING.
- (15) QUANTITY BASED ON 52 SECTIONS 6'-0" LONG FOR INTERMEDIATE SUPPORT AND 2 SECTIONS 30'-6" LONG FOR SUPPORT AT END OF BEAM.

## PAY QUANTITIES

BRIDGE "A" LOCAL BRIDGE NO. 062 D1	ITEM	UNIT	TOTAL
	47'-0" STEEL BEAM SPAN, 30' RIGHT FORWARD SKEW 26'-1" CLEAR ROADWAY, STEEL TRAFFIC RAIL		
	BRIDGE CONSTRUCTION LABOR	B1 L.SUM	1
	H.E.S. CONCRETE & FINISHING	B2 C.Y.	34.0
	PILE DRIVING BEYOND PLAN QUANTITY	B3 L.F.	130

## BRIDGE "A" SCHEDULE OF MATERIALS

ITEM	UNIT	AMOUNT
HP 10 X 42 BENT CAPS	(1) L.F.	80
HP 10 X 42 WING PILES	(2)(4) L.F.	360
HP 10 X 42 SEAT PILES	(3)(4) L.F.	560
10 GAUGE SHEET PILES	(6) S.F.	2,140
36" WIDE 22 GAUGE STEEL DECK FORMS	(7) S.F.	1,440
W6 X 20 BRIDGE TRAFFIC RAIL POSTS	(8) L.F.	120
½" X 9" PLATE	(9) L.F.	40
#4 REINFORCING STEEL	L.F.	8,220
#5 REINFORCING STEEL	L.F.	4,040
1" X 5'-0" SLAB BOLSTER	(10) EA.	80
2" X 5'-0" SLAB BOLSTER	(10) EA.	72
¾" X 6" WELDED STUD	EA	168
C4 X 7.2 SHEAR CONNECTOR	(11) L.F.	60
C10 X 20 END HEADER	(12) L.F.	80
¾" X 8" PLATE	(13) L.F.	100
C8 X 11.5 HORIZONTAL BRACING	L.F.	340
L4 X 3 X ¼ SHEET PILE CAP	L.F.	120
L3 X 3 X ¼ BRACING	(14) L.F.	400
L3 X 3 X ¼ SIP DECK FORM SUPPORT	(15) L.F.	440
W BEAM GUARDRAIL	L.F.	100
W BEAM FLARED END SECTION	EA.	4

DESIGN	HWL.
DRAWN	HWL.
CHECKED	J.T.H.
APPROV.	J.T.H.
SQUAD	MKEC ENG.

BRIDGE 062 D1

CANADIAN COUNTY

## SUMMARY OF PAY QUANTITIES AND NOTES (BRIDGE)

JOB PIECE NO. 1803010834 SHEET NO. 2



DESCRIPTION	EXTENSIONS	DATE

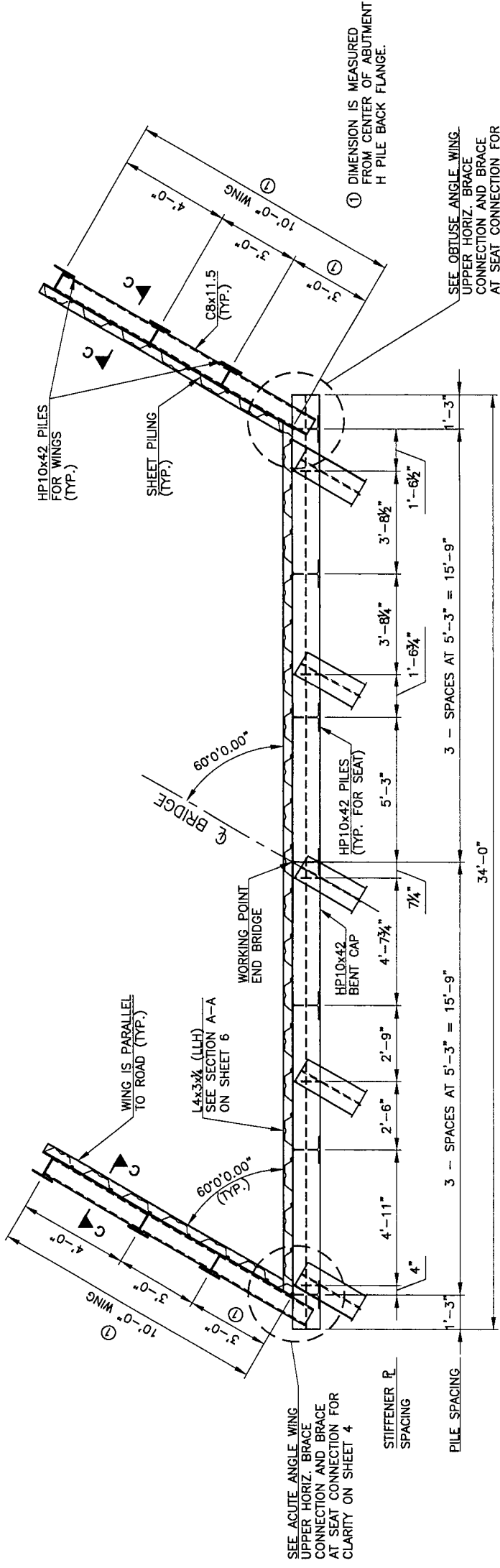
NOTE: SHEET PILING SHALL BE MADE FROM STEEL CONFORMING TO ASTM 1011 OR ASTM A653 AND SHALL BE HOT-DIP GALVANIZED PER ASTM A123 AT A RATE OF 2 OZ. PER SQUARE FEET TOTAL BOTH SIDES, OR GALVANIZED PER ASTM A653 WITH G210 CLASS COATING. SHEET PILING SHALL BE 10 GAUGE, 0.1345 INCHES THICK, AND SHALL HAVE A MINIMUM YIELD STRENGTH OF 30,000 PSI.

NOTE: ALTERNATE SHEET PILING MAY BE USED UPON APPROVAL OF THE ENGINEER. LOAD CAPACITY SHALL BE NO LESS THAN THAT PROVIDED BY SECTION SPECIFIED ON THIS SHEET.

HP 10 X 42 PILES FOR ABUTMENT SEAT SHALL BE DRIVEN TO PRACTICAL REFUSAL IN ACCORDANCE WITH SECTION 514.04E(2) OF THE 2009 ODOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION. PRACTICAL REFUSAL IS DEFINED AS FOUR CONSECUTIVE SETS OF 10 BLOWS THAT PENETRATE NO MORE THAN 1/2 INCH PER SET. DISCONTINUE DRIVING BEFORE REACHING PRACTICAL REFUSAL IF DRIVING IS CAUSING DAMAGE TO THE PILE.

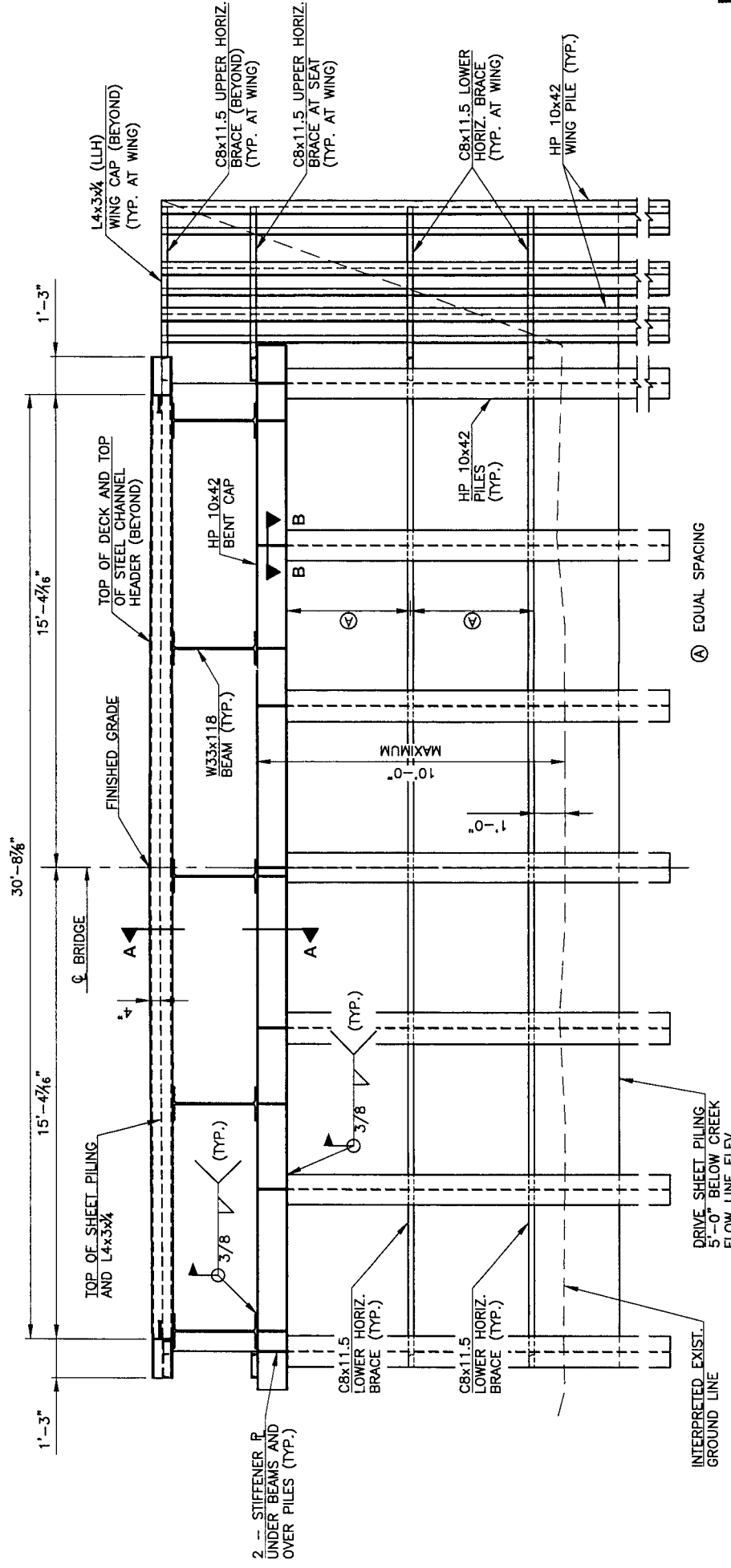
HP 10 X 42 PILES FOR WINGS SHALL BE DRIVEN TO FULL LENGTH OR PRACTICAL REFUSAL, WHICHEVER OCCURS FIRST.

DO NOT EXCEED 10'-0" FROM TOP OF BENT CAP TO GROUND LINE AT SHEET PILING.



**ABUTMENT PLAN**

NOTE: FOR HORIZONTAL BRACE CONNECTION DETAILS SEE SHEET 4. FOR SECTION A-A, B-B, C-C SEE SHEET 6.

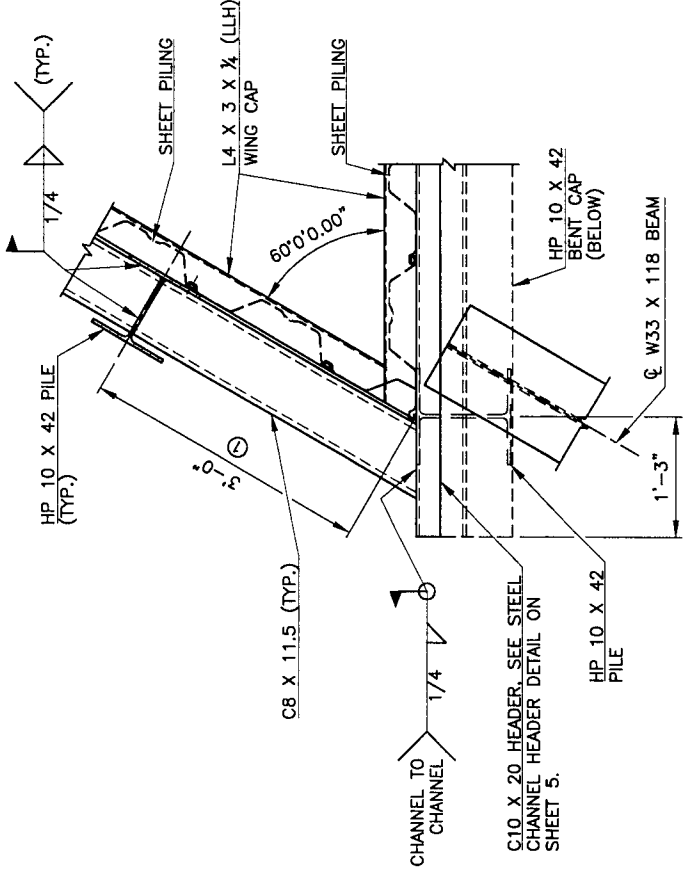


**TYPICAL WING ELEVATION**

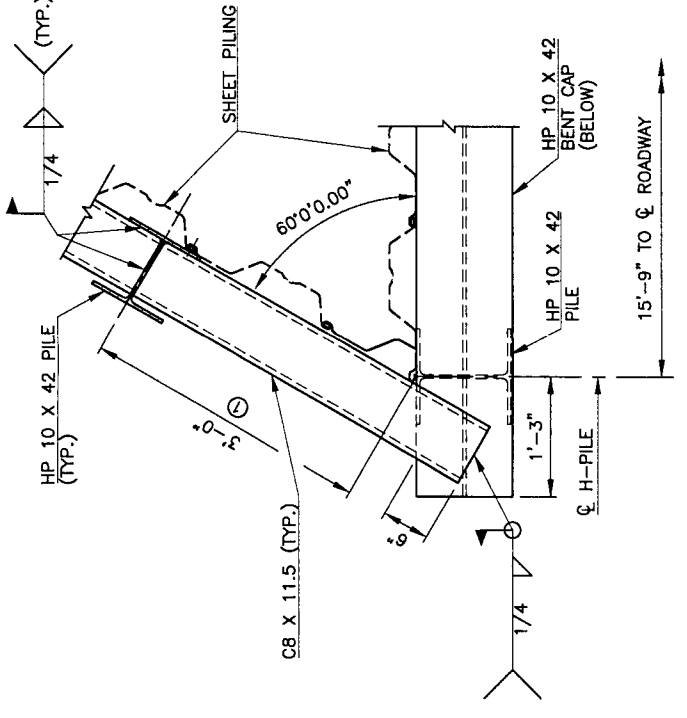
**ABUTMENT ELEVATION**

DESIGN	HW.L.	BRIDGE 062 D1	CANADIAN COUNTY
DRAWN	HW.L.		
CHECKED	J.T.H.		
APPROV.	J.T.H.		
SQUAD	MKEC ENG.		

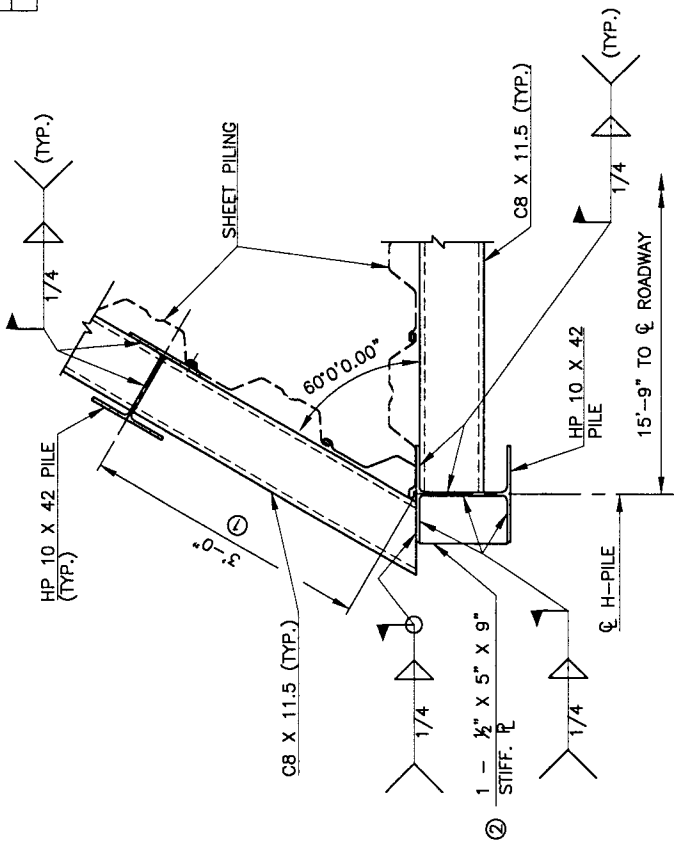
**ABUTMENT PLAN**



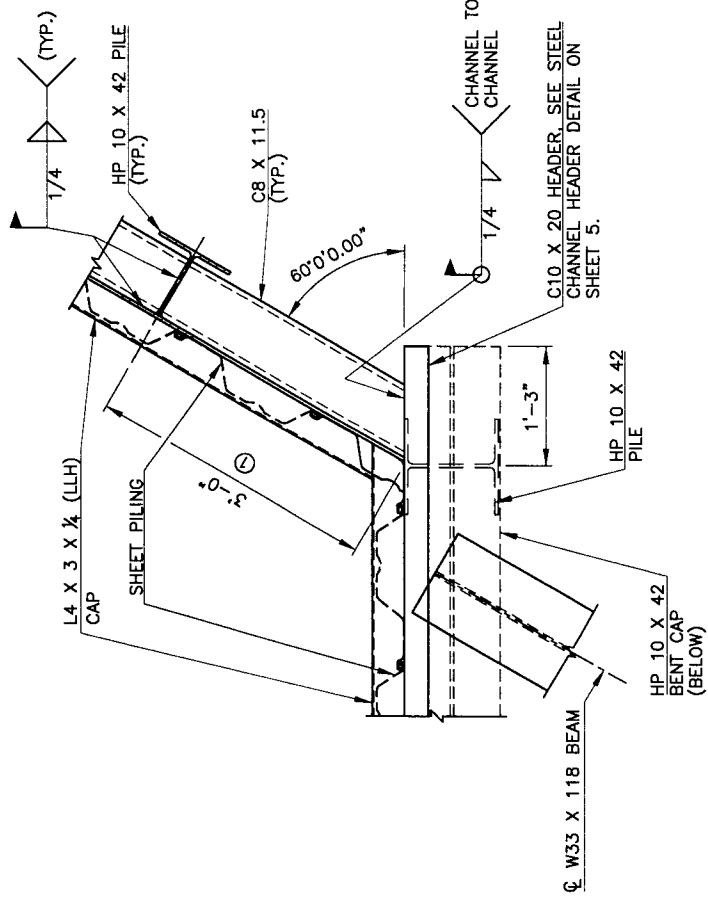
**UPPER HORIZONTAL BRACE CONNECTION DETAIL  
AT ACUTE ANGLE WING**



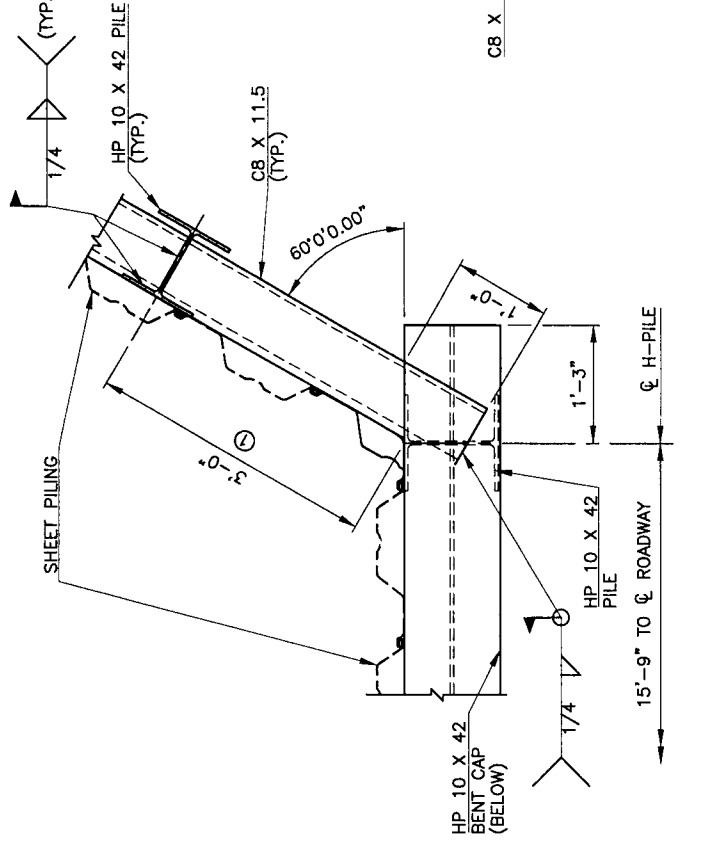
**HORIZONTAL BRACE AT SEAT CONNECTION DETAIL  
AT ACUTE ANGLE WING**



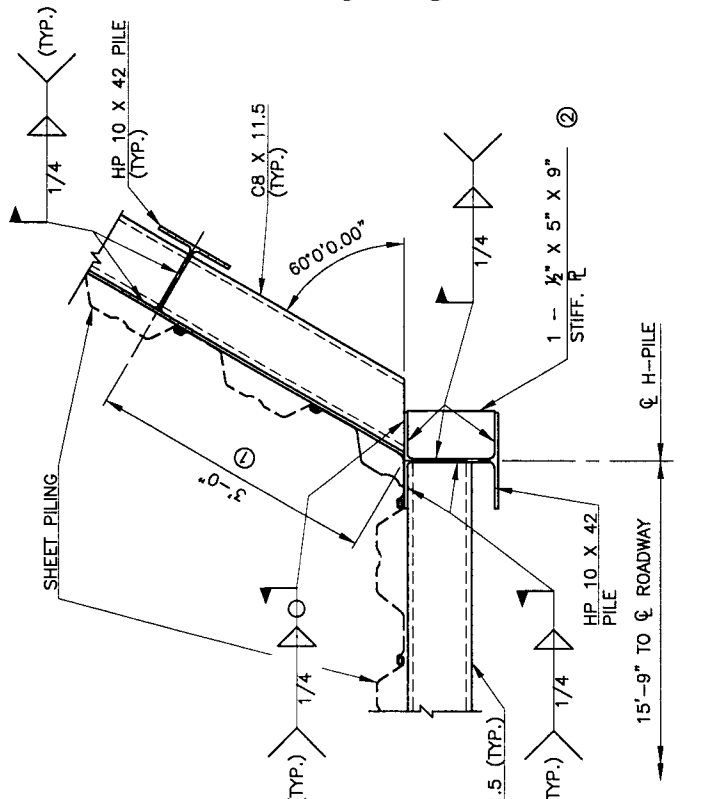
**LOWER HORIZONTAL BRACE CONNECTION DETAIL  
AT ACUTE ANGLE WING**



**UPPER HORIZONTAL BRACE CONNECTION DETAIL  
AT OBTUSE ANGLE WING**



**HORIZONTAL BRACE AT SEAT CONNECTION DETAIL  
AT OBTUSE ANGLE WING**



**LOWER HORIZONTAL BRACE CONNECTION DETAIL  
AT OBTUSE ANGLE WING**

- ① DIMENSION IS MEASURED FROM CENTER OF ABUTMENT H PILE BACK FLANGE.
- ② PLACE STIFFENER PLATE ALIGN WITH C8 X 11.5 WEB FROM WING.

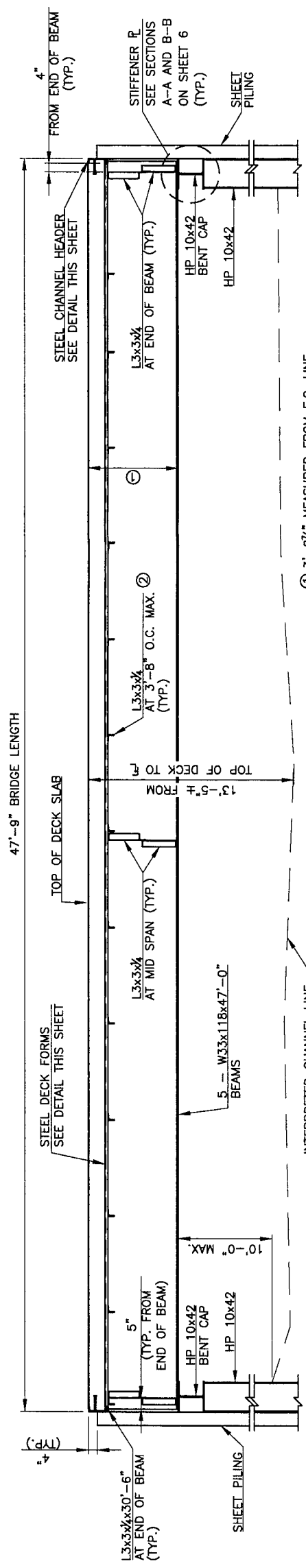
DESIGN	HW.L.	BRIDGE 062 D1	CANADIAN COUNTY
DRAWN	HW.L.		
CHECKED	J.T.H.		
APPROV.	J.T.H.		
SQUAD	MKEC ENG.		

**ABUTMENT DETAILS**

DESCRIPTION	DATE

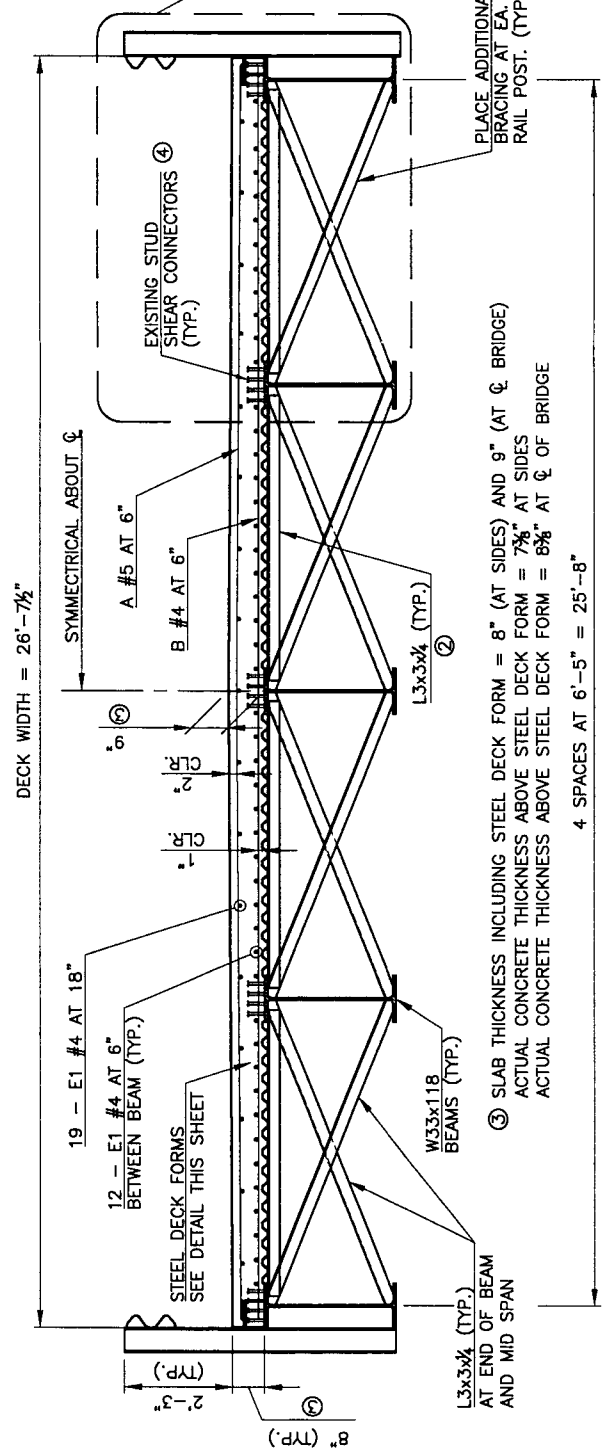
**DESIGN DATA**

H.E.S. CONCRETE  
 REINFORCING STEEL (GRADE 60)  
 NEW STRUCTURAL STEEL (GRADE 50)  
 LFR INVENTORY RATING: 44.8 TONS (H20)  
 LFR OPERATING RATING: 74.8 TONS (H20)  
 LFR INVENTORY RATING: 59.0 TONS (HS20)  
 LFR OPERATING RATING: 98.2 TONS (HS20)



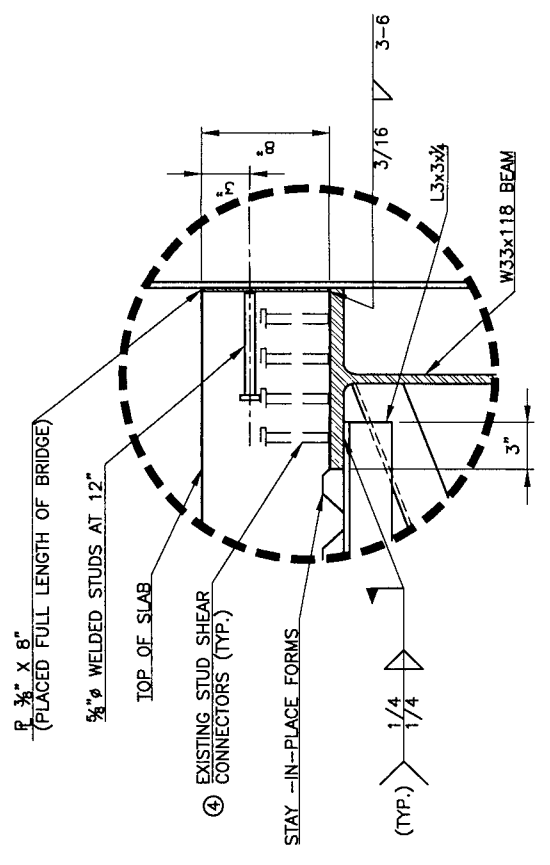
**LONGITUDINAL SECTION**

- ① 3'-8 1/2" MEASURED FROM F.G. LINE TO TOP OF BENT CAPS.
- ② ADJUST AS REQUIRED TO CLEAR CROSS BRACING.

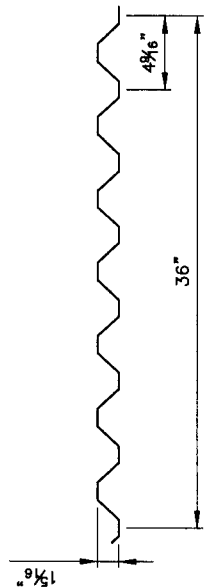


**TYPICAL CROSS SECTION**

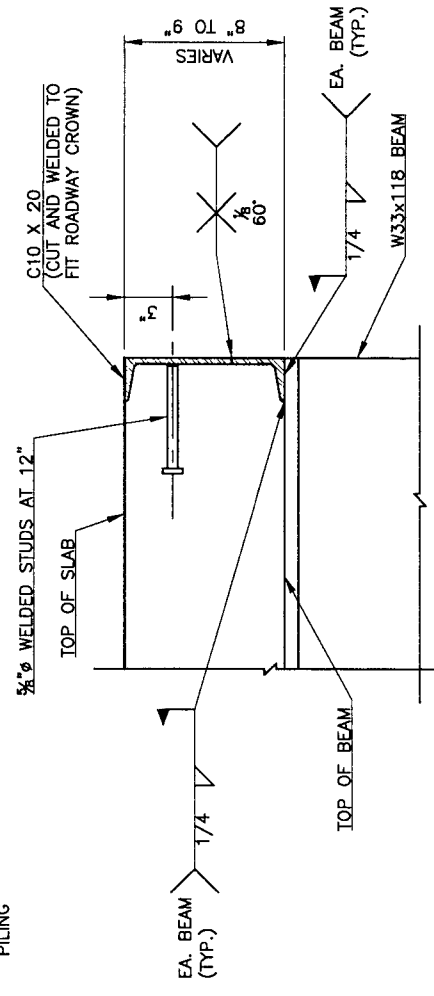
④ THERE SHALL BE A MINIMUM OF 4 EXISTING SHEAR STUDS AT A MAXIMUM SPACING OF 24" ON CENTER. IF THIS IS NOT THE CASE DUE TO DAMAGED OR MISSING STUDS, PROVIDE ONE (1) 5" LONG C4X7.2 CHANNEL AT A MAXIMUM SPACING OF 24" ON CENTER.



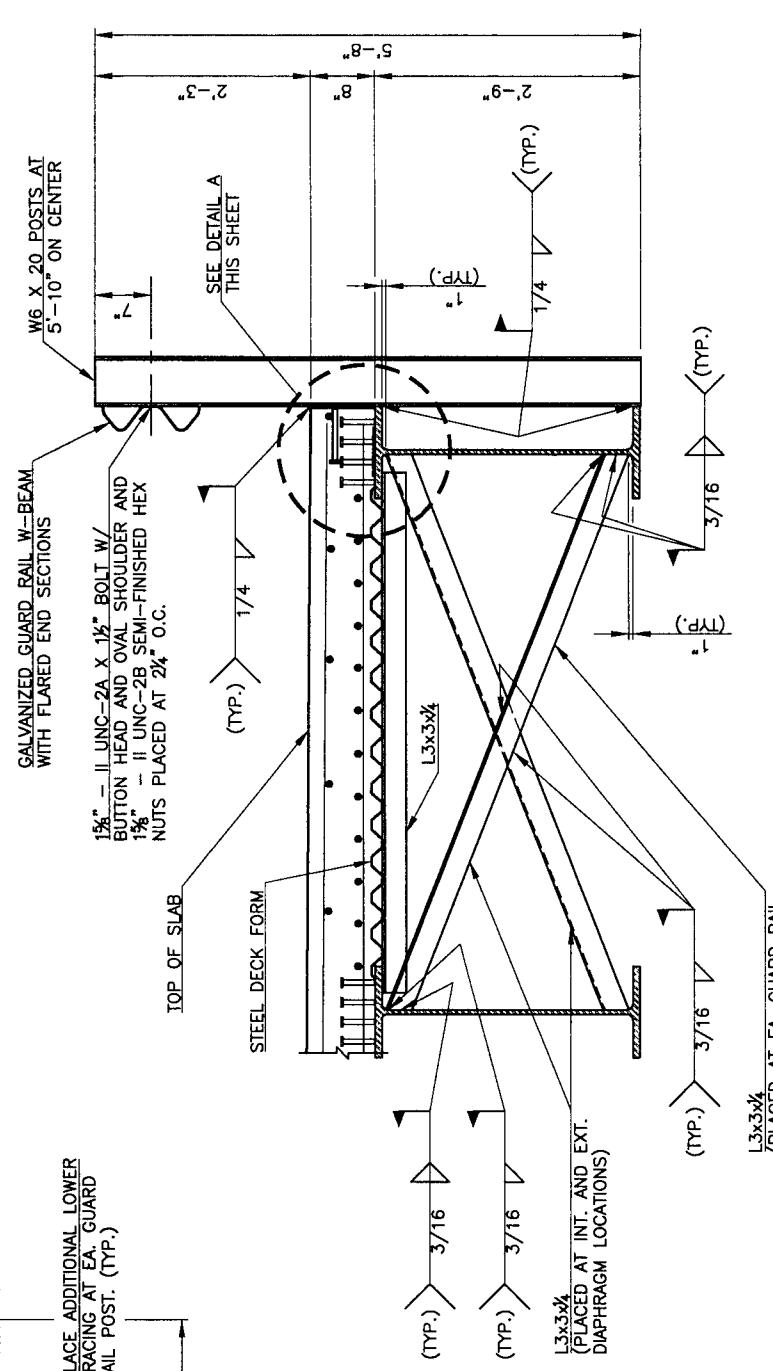
**STEEL DECK FORM DETAIL**



**STEEL CHANNEL HEADER DETAIL (AT APPROACH)**



**TRAFFIC RAIL AND DIAPHRAGM DETAIL**

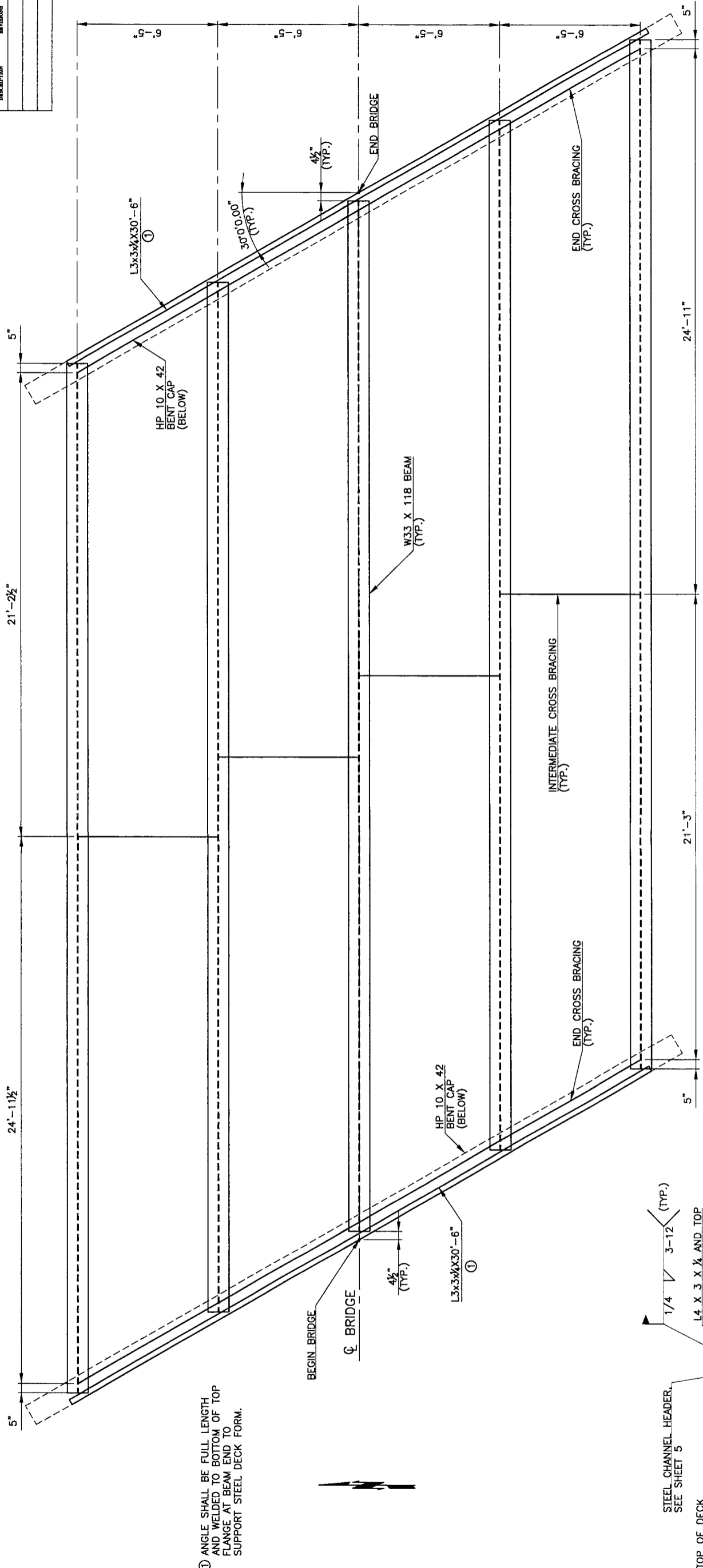


DESIGN	HW.L.	BRIDGE 062 D1	CANADIAN COUNTY
DRAWN	HW.L.		
CHECKED	J.T.H.		
APPROV.	J.T.H.		
SQUAD	MKEC ENG.		

**SUPERSTRUCTURE DETAILS**

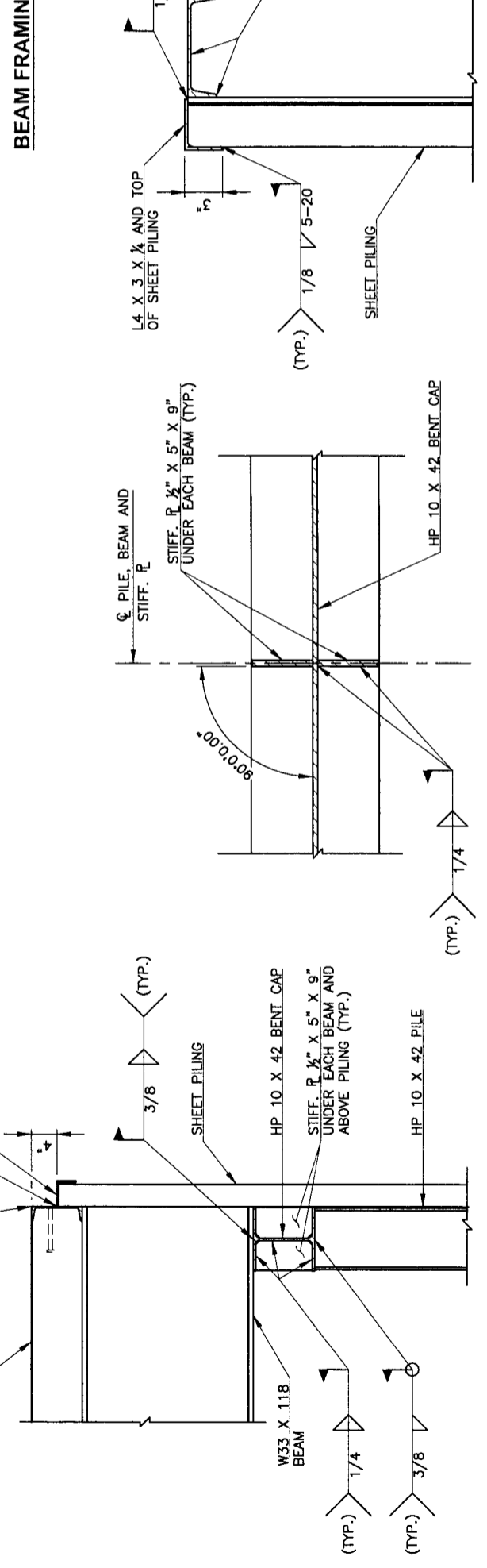
JOB PIECE NO. 1803010834 SHEET NO. 5

DECK FORMS SHALL BE A 1.3C22 OR APPROVED EQUIVALENT, 1 1/2" DEEP, G90 GALVANIZED, DESIGN THICKNESS OF 0.0298 INCH (22 GAUGE), WITH MINIMUM YIELD STRENGTH OF NOT LESS THAN 60,000 PSI CONFORMING TO ASTM A653. DECK FORM SECTIONS SHALL BE PLACED WITH RIBS PARALLEL TO BEAMS AND WITH SIDE LAPS UP. ALLOW 3 INCHES FOR END LAPS AND CENTER ALL END LAPS OVER BEAMS. AT LEAST 3 INCHES OF DECK FORM SHALL BEAR ON SUPPORT FLANGES. DO NOT ALLOW BOTTOM SHEETS TO EXTEND BEYOND EDGE OF SUPPORT FLANGE. INSTALL ADJACENT ROWS END TO END, SIDE LAPPING ONE CORRUGATION RIB WITH PREVIOUSLY PLACED SECTION. DECK FORM MATERIAL SHALL BE ELECTRIC ARC WELDED TO SUPPORTING STEEL BEAMS AND ADJOINING DECK SHEETS IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.



① ANGLE SHALL BE FULL LENGTH AND WELDED TO BOTTOM OF TOP FLANGE AT BEAM END TO SUPPORT STEEL DECK FORM.

**BEAM FRAMING PLAN**



**SECTION A-A**

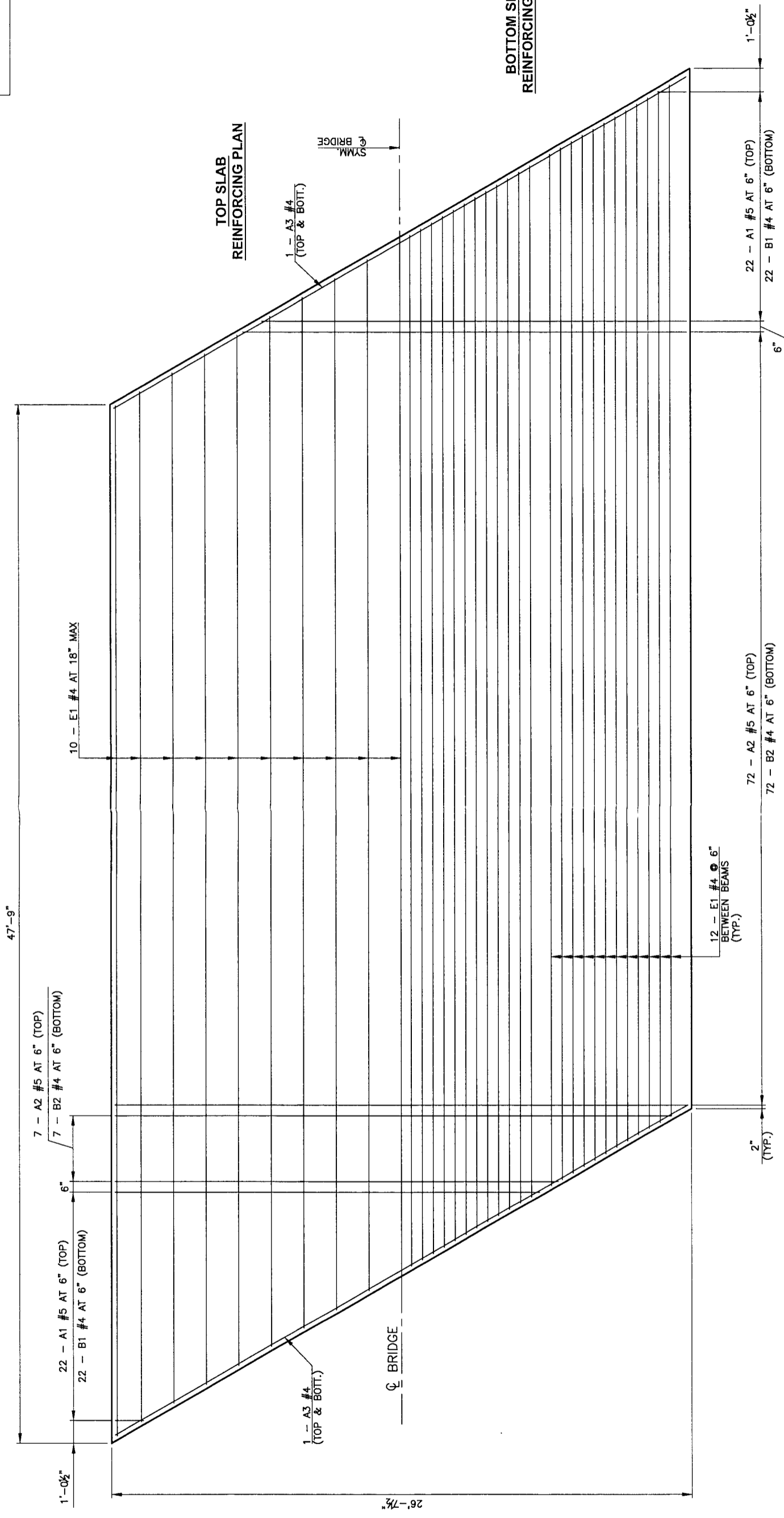
**SECTION B-B**

**SECTION C-C**

DESIGN	HW.L.	BRIDGE 062 D1	CANADIAN COUNTY
DRAWN	HW.L.		
CHECKED	J.T.H.		
APPROV.	J.T.H.		
SQUAD	MKEC ENG.		

**BEAM FRAMING PLAN**

DESCRIPTION	DATE
EXTENSIONS	



REINFORCING PLAN

DECK BARLIST					
MARK	SIZE	NO.	FORM	LENGTH	LENGTH VARIATION
①	A1	#5	44	STR. 10'-4" AVG.	1'-3" TO 19'-5"
②	A2	#5	79	STR. 40'-0"	
③	A3	#4	4	STR. 40'-0"	
④	B1	#4	44	STR. 10'-4" AVG.	1'-3" TO 19'-5"
⑤	B2	#4	79	STR. 40'-0"	
⑥	E1	#4	67	STR. 60'-0"	

- ① 2 SETS OF 22. LINEAR FOOT QUANTITY BASED ON 20'-0" PIECE
- ② TWO 20'-0" PIECES WITH 2'-3" MINIMUM LAP
- ③ TWO 20'-0" PIECES WITH 2'-0" MINIMUM LAP
- ④ THREE 20'-0" PIECES WITH 2'-0" MINIMUM LAP

BOTTOM SLAB REINFORCING PLAN

TOP SLAB REINFORCING PLAN

REINFORCING PLAN

**PROPOSAL**

A Bidder's Bond, Certified or Cashier's Check is enclosed in the amount of \$ \_\_\_\_\_, as required.

STATE OF \_\_\_\_\_ )  
 ) SS:  
COUNTY OF \_\_\_\_\_ )

\_\_\_\_\_ ; of lawful age, being first duly sworn, upon his oath, deposes and says, that he executed the accompanying bid on behalf of the bidder named therein for the construction of the above improvement in CANADIAN COUNTY, OKLAHOMA, that he had lawful authority so to do and that the bidder has not been a party to any collusion among bidders in restraint of freedom of competition by agreement to bid at a fixed price or to refrain from bidding; or with any State or County official or employee as to quantity, quality, or price in the prospective contract, or any other terms of said prospective contract; or in any discussions between bidders and any State or County officials concerning exchange of money or other thing of value for special consideration in the letting of a contract; said bidder has neither directly nor indirectly entered into any agreement, express or implied, with any bidder or bidders, having for its object the controlling of the price or amount of such bid or bids, the limiting of the bids or bidders, the parceling or farming out to any bidder or bidders, or other persons of any part of the contract or any part of the profits thereof and that he has not and will not divulge the sealed bid on such public improvement to any person whatsoever, except those having a partnership or other financial interest with him in said bid or bids, until after the sealed bid or bids are opened.

If partnership, give name  
and address of each partner  
  
\_\_\_\_\_  
  
\_\_\_\_\_

\_\_\_\_\_  
By: \_\_\_\_\_  
Address: \_\_\_\_\_  
  
Incorporated under the  
laws of the State of: \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

(SEAL)

\_\_\_\_\_  
Notary Public  
My Commission Expires:  
\_\_\_\_\_



**BUSINESS RELATIONSHIP AFFIDAVIT**  
 To Accompany Contractor's Bid

STATE OF \_\_\_\_\_ )  
 ) ss:  
 COUNTY OF \_\_\_\_\_ )

\_\_\_\_\_ (Contractor's Authorized Agent), of lawful age, being first duly sworn upon his/her oath, states:

1. I am the duly authorized agent of \_\_\_\_\_ (Bidder's Company Name), the bidder submitting the attached competitive bid (the "bid").

2. My position in the above named company is \_\_\_\_\_.

3. Affiant further states the nature of any partnership, joint venture, or other business relationship presently in effect, or which existed within one (1) year prior to the date of this Affidavit, with the architect, engineer, or other party to the project is as follows:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

(if none, so state)

4. Affiant further states that any such business relationship presently in effect or which existed within one (1) year prior to the date of this Affidavit between any official or director of the architectural or engineering firm or any other party to the project is as follows:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

(if none, so state)

5. Affiant further states that the names of all persons who have any such business relationship and the positions they hold with their respective companies or firms are as follows:

\_\_\_\_\_  
 \_\_\_\_\_



\_\_\_\_\_  
(if none, so state)

Further, Affiant saith not.

\_\_\_\_\_  
Signature of Authorized Agent

\_\_\_\_\_  
Title (printed)

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

(SEAL)

My commission expires:

\_\_\_\_\_  
Notary Public

**MAINTENANCE BOND**

KNOW ALL MEN BY THESE PRESENT, that  
,Principal, and \_\_\_\_\_, a corporation organized under the laws of the State of  
, and authorized to transact business in the State of Oklahoma, as Surety, are held firmly bound unto  
Canadian County, in the penal sum of \_\_\_\_\_ Dollars  
(\$\_\_\_\_\_) in lawful money of the United States of America, said sum being the contract  
price, for the payment of which, well and truly to be made, we bind ourselves and each of us, our heirs,  
executors, administrators, trustees, successors, and assigns, jointly and severally, firmly by these  
presents.

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

The condition of this obligation is such that:

WHEREAS, said Principal entered into a written contract with Canadian County, dated  
, 20\_\_\_\_\_, for:

**Canadian County  
Construction of Bridge Project  
062 D1  
09E0980N2890003**

all in compliance with the plans and specifications therefor, made a part of said contract and on file in the  
Office of the County Clerk, located in the County Courthouse Building in El Reno, Oklahoma.

NOW, THEREFORE, if said Principal shall pay or cause to be paid to Canadian County,  
Oklahoma, all damage, loss, and expense which may result by reason of defective materials and/or  
workmanship in connection with said work, occurring within a period of **one (1) year** from and after  
acceptance of said project by Canadian County, Oklahoma; then this obligation shall be null and void,  
otherwise to be and remain in full force and effect.

It is further expressly agreed and understood by the parties hereto that no changes or alterations in  
said contract and no deviations from the plan or mode of procedure herein fixed shall have the effect of  
releasing the sureties, or any of them, from the obligations of this bond.

IN WITNESS WHEREOF, the said Principal has caused these presents to be executed in its name  
and its corporate seal to be hereunto affixed by its duly authorized officers, and the same Surety has  
caused these presents to be executed in its name and its corporate seal to be hereunto affixed by its  
attorney-in- fact, duly authorized so to do, the day and year first above written.

Principal:

\_\_\_\_\_

By:

\_\_\_\_\_ Title

(SEAL)  
ATTEST:

\_\_\_\_\_  
Secretary

Surety:

By:

\_\_\_\_\_  
Attorney-in-Fact

**PERFORMANCE BOND**

KNOW ALL MEN BY THESE PRESENT, that \_\_\_\_\_,  
Principal, and \_\_\_\_\_, a corporation organized under the laws of the State of \_\_\_\_\_,  
, and authorized to transact business in the State of Oklahoma, as Surety, are held firmly bound  
Canadian County, Oklahoma, in the penal sum of \_\_\_\_\_ Dollars (\$  
) in lawful money of the United States of America, for the payment of which, well and truly to be made, we  
bind ourselves and each of us, our heirs, executors, administrators, trustees, successors, and assigns,  
jointly and severally, firmly by these presents.

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

The condition of this obligation is such that:

WHEREAS, said Principal entered into a written contract with Canadian County Oklahoma,  
dated \_\_\_\_\_, 20\_\_\_\_, for:

**Canadian County  
Construction of Bridge Project  
062 D1  
09E0980N2890003**

all in compliance with the plans and specifications therefor, made a part of said contract and on file in the  
Office of the County Clerk, located in the County Courthouse Building in El Reno, Oklahoma.

NOW, THEREFORE, if said Principal shall in all particulars, well, truly, and faithfully perform and  
abide by said contract and each and every covenant, condition, and part thereof and shall fulfill all  
obligations resting upon said principal by the terms of said contract and specifications and if said principal  
shall protect and save harmless Canadian County, Oklahoma from any pecuniary loss resulting from the  
breach of any of the items, covenants and conditions of said contract resting upon said principal, then this  
obligation shall be null and void, otherwise to be and remain in full force and effect.

It is further expressly agreed and understood by the parties hereto that no changes or alterations in  
said contract and no deviations from the plan or mode of procedure herein fixed shall have the effect of  
releasing the sureties, or any of them, from the obligations of this bond.

IN WITNESS WHEREOF, the said Principal has caused these presents to be executed in its name  
and its corporate seal to be hereunto affixed by its duly authorized officers, and the same Surety has  
caused these presents to be executed in its name and its corporate seal to be hereunto affixed by its  
attorney-in-fact, duly authorized so to do, the day and year first above written.

Principal:

\_\_\_\_\_

By:

\_\_\_\_\_

Title

(SEAL)

ATTEST:

\_\_\_\_\_  
Secretary

Surety:

\_\_\_\_\_

By:

\_\_\_\_\_

Attorney-in-Fact

## STATUTORY BOND

KNOW ALL MEN BY THESE PRESENT, that \_\_\_\_\_,  
Principal, and \_\_\_\_\_, a corporation organized under the laws of the State of \_\_\_\_\_,  
, and authorized to transact business in the State of Oklahoma, as Surety, are held firmly bound unto  
Canadian County, Oklahoma, in the penal sum of \_\_\_\_\_ Dollars (\$ \_\_\_\_\_  
) in lawful money of the United States of America, for the payment of which, well and truly to be made, we  
bind ourselves and each of us, our heirs, executors, administrators, trustees, successors, and assigns,  
jointly and severally, firmly by these presents.

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

The condition of this obligation is such that:

WHEREAS, said Principal entered into a written Contract with Canadian County Oklahoma,  
dated \_\_\_\_\_, 20\_\_\_\_, for:

**Canadian County  
Construction of Bridge Project  
062 D1  
09E0980N2890003**

all in compliance with the plans and specifications therefor, made a part of said contract and on file in the  
Office of the County Clerk, located in the County Courthouse Building in El Reno, Oklahoma.

NOW, THEREFORE, if said Principal shall fail or neglect to pay all indebtedness incurred by said  
Principal or subcontractors of said Principal who performs work in the performance of such contract, for  
labor and materials and repairs to and parts of equipment used and consumed in the performance of said  
contract within thirty (30) days after the same becomes due and payable, the person, firm, or corporation  
entitled thereto may sue and recover on this bond, the amount so due and unpaid.

It is further expressly agreed and understood by the parties hereto that no changes or alterations in  
said contract and no deviations from the plan or mode of procedure herein fixed shall have the effect of  
releasing the sureties, or any of them, from the obligations of this bond.

IN WITNESS WHEREOF, the said Principal has caused these presents to be executed in its name  
and its corporate seal to be hereunto affixed by its duly authorized officers, and the same Surety has  
caused these presents to be executed in its name and its corporate seal to be hereunto affixed by its  
attorney-in-fact, duly authorized so to do, the day and year first above written.

Principal:

\_\_\_\_\_

By: \_\_\_\_\_

Title

(SEAL)  
ATTEST:

\_\_\_\_\_  
Secretary

Surety:

\_\_\_\_\_

By: \_\_\_\_\_

Attorney-in-Fact



Date Issued: January 22, 2019

Bid Number: **2019-#12**

Closing Date: February 19, 2019 at 9:30am

PO Box 458, 201 N. Choctaw Ave., El Reno, OK 73036

Opening Date: February 19, 2019 at 9:30am

Commissioner's Meeting Room, 201 N. Choctaw Ave., El Reno, OK 73036

~ AFFIDAVIT ~

**062 D1 Bridge Project / District #1**

State of Oklahoma )  
County of Canadian ) §

I, D'Shea Brothers, Purchasing Agent, in and for said County and State, do hereby certify that "Invitations to Bid" were sent to the following:

BidClerk  
[projects@bidclerk.com](mailto:projects@bidclerk.com)

Bid News  
[projects@isqft.com](mailto:projects@isqft.com)

Dietz  
252021 E County Road 40  
Cleo Springs, OK 73729

ePlan  
1400 Forum Blvd. Ste 7B  
Columbia, MO 65203

Francis Tuttle Vo-Tech Center  
Attn: Bid Assistant – Judy Robbins  
12777 N Rockwell  
Oklahoma City, OK 73142

Gable Construction Services  
12345 SW 44<sup>th</sup>  
Mustang, OK 73064

K&O Construction  
PO Box 1845  
Enid, OK 73702

K & R Builders  
8020 SW 74<sup>th</sup> Street  
Oklahoma City, OK 73169

MTZ Construction  
Attn: Jose Martinez  
3545 SW 37<sup>th</sup> Street  
Oklahoma City, OK 73119

Online Data Services  
3295 River Exchange Drive, Suite 213  
Norcross, GA 30092

Railroad Yard  
PO Box 2283  
Stillwater, OK 74076

Reed Construction Data  
30 Technology Pkwy South, Suite 100  
Norcross, GA 30092

Riverridge Construction  
[riverridge74647@yahoo.com](mailto:riverridge74647@yahoo.com)

Smith, CD Construction Inc  
1074 Cumberland Mansion  
Yukon, OK 73099

Witness my hand and seal this 22<sup>nd</sup> day of January, 2019.



D'Shea Brothers, Purchasing Agent





**Canadian County  
Purchasing**

**BID CHECKLIST**

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Date Issued: January 22, 2019  
Bid Number: **2019-#12**  
Closing Date: February 19, 2019 at 9:30am  
PO Box 458, 201 N. Choctaw Ave., El Reno, OK 73036  
Opening Date: February 19, 2019 at 9:30am  
Commissioner's Meeting Room, 201 N. Choctaw Ave., El Reno, OK 73036

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**TO HELP PREVENT BIDS FROM BEING REJECTED FOR LACK OF COMPLETION  
PLEASE CHECK FOR THE FOLLOWING:**

Is the Invitation to Bid Signed and Notarized? \_\_\_\_\_

Is the bid bond or cashier's check enclosed? \_\_\_\_\_

Is the Business Relationships Affidavit enclosed? \_\_\_\_\_

Is the Non-Collusion Bidding Certificate enclosed? \_\_\_\_\_

Are all applicable spaces filled in? \_\_\_\_\_

Are all necessary papers enclosed? \_\_\_\_\_

Is the Bid # and Opening Date on outside of return envelope? \_\_\_\_\_

Bids will be received beginning 9:30am Tuesday February 12, until 9:30am Tuesday February 19, 2019 \_\_\_\_\_  
(Do not turn bid in before Tuesday February 12 @ 9:30am – bid will not be opened or considered)

Thank You,

D'Shea Brothers, Purchasing Agent