SA&I 1-4040 (2000) PLEASE REVIEW TERMS AND CONDITION SIDE RELATING TO SUBMISSION OF THIS				Canadian El Reno Phone: (<u>405</u>) INV DITIONS ON REVERSE F THIS BID.	/ITATION TO BID	ouse	4	April	ISSUED 11 2016 of 2
				nature required on reverse side.				-	
	D NUN 2016-#	Dirage	Material ian Coun	/ ity District #1	BID CLOSING DATE AND HOUR May 6, 2016 at 4:00 pm	SEE S	RED DELIVE SPECIFIC Days afte	CATIC er awa	ONS ard of Purchase Order
	ERMS et, FO	B this bid wi	ll open M	lay 9, 2016 at 9:30am			DATE OF D SEE SPE		ERY: CATIONS
	ТЕМ	QUANTITY	UNIT OF	DESCR	IPTION			CE	TOTAL
l or r	nore			for the Bridge Project for Cl Specifications attached. The Board of Canadian Co right to reject any and all bi the items bid. All data will be the bid including the deliver <u>The reverse of this sheet m</u> <u>the bid will be rejected.</u> Contact person: Justin Atta 1103 N S El Reno, (405) 262	unty Commissioners reserves ds or to award all or any portio be considered in the awarding ry time. hust be completed and returned kinson, District #1 Foreman hepard Avenue OK 73036 2-4673	the on of of			Total Bid Price
				Justattor	Olle 2 Department Head		CA FILE SHI	NAD ED C APR ELLE COU	DF OKLAHOMA DIAN COUNTY DR RECORDED R 1 1 2016 EY DICKERSON INTY CLERK 60188

TERMS AND CONDITIONS

- Sealed bids will be opened in the Commissioner's Conference Room, <u>Canadian</u> County Courthouse, <u>201 N. Choctaw Avenue, El Reno</u>, 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 <u>06/09/2016</u>

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: (Manual Signature of Undersigned)	Title:
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

Date Issued:April 11, 2016Bid Number:**2016-#18**Closing Date:May 6, 2016 at 4:00pm
PO Box 458, 201 N. Choctaw Ave., El Reno, OK 73036Opening Date:May 9, 2016 at 9:30am
Commissioner's Meeting Room, 201 N. Choctaw Ave., El Reno, OK 73036

~ SPECIFICATIONS~

Bridge Material / Canadian County District #1

Canadian County District #1 is seeking bids for bridge materials for the Bridge Project for CN 24 09E0090N2850005.

Labor Not Included

SEE SPECIFICATIONS ATTACHED.

For Information Contact:

Justin Atkinson, District #1 Foreman

Phone: (405) 262-4673

Hours: Monday - Friday 7:00am to 3:00pm

Address: 1103 N Shepard Avenue, El Reno, OK 73036

If you have any questions or need additional information, please contact: Sherry Murray, Purchasing Agent, 405.295.6125 or 405.422.2441 smurray@okcana.cogov.net

Canadian County District #1 Bridge #024 Material List Invitiation to Bid

Bridge #024 (Labor Not Included)

		Bid Price for Material Over Planned
Qty	Description	Quanity
1040	HP 10" X 42# (26-40' PCS), Piles	L.F
68	3 HP 12" X 53# (2-34' PCS), Bent Caps	L.F
480	HP 12" X 53# (12-40' PCS), Piles	L.F
66	5 HP 14" X 73# (2-33' PCS), Pier Cap	L.F.
40	6 1/2" X 1/2" FLAT, Bent Cap Stiffener	L.F.
4() 8 1/2" X 1/2" FLAT, Pier Cap Stiffener	L.F.
640	C8" X 11.5# CHANNEL, Backwall Bracing & Deck Sides	L.F.
80	C10" X 15 1/3# CHANNEL, Deck Ends	L.F.
220) C12" X 25# CHANNEL, Wing Cap & Pier	L.F.
1880) 3" X 3" X 1/4" ANGLE	L.F.
16) 5" X 3: X 1/4" ANGLE	L.F.
364	D REBAR, #4	L.F.
1598	D REBAR, #5	L.F.
54	D REBAR, #7	L.F.
15	5 SLAB BOLSTERS, 1"	E.A.
21	7 STEEL REBAR CHAIRS, 4"	E.A.
	2 REBAR TIES, 6"	ROLL
30	2 WELD STUDS, 5/8" X 6"	E.A.
25	D TUBUILAR RAIL	L.F.
	4 W-BEAM END SECTION (FLARED)	E.A.
	7 BACKWALL SHEETING, INTERLOCKING GALV. 10 GA	S.F.
	2 GALV. DECK FORM	S.F.
25	0 GUARDRAIL POST, W 6" X 20#	L.F.
	Total	



Canadian County Purchasing

Affidavit / Proof of Mailing

 Date Issued:
 April 11, 2016

 Bid Number:
 2016-#18

 Closing Date:
 May 6, 2016 at 4:00pm

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

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 May 9, 2016 at 9:30am

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

~ AFFIDAVIT~

Bridge Material / Canadian County District #1

State of Oklahoma) County of Canadian) §

I, Sherry Murray, 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 Bid News projects@isqft.com

12777 N Rockwell

Online Data Services

Norcross, GA 30092

Norcross, GA 30092

Reed Construction Data

Francis Tuttle Vo-Tech Center

Oklahoma City, OK 73142

Attn: Bid Assistant - Judy Robbins

3295 River Exchange Drive, Suite 213

30 Technology Pkwy South, Suite 100

ePlan 4115 South Providence, Suite 105 Columbia, MO 65203

K&O Construction PO Box 1845 Enid, OK 73702

Railroad Yard PO Box 2283 Stillwater, OK 74076

Sunbelt Equipment Supply 103147 S Hwy 18 Meeker, OK 74855

Witness my hand and seal this 11th day of April, 2016.

Sherry Murray/Purchasing Agent OFF

(SEAL)





Canadian County Purchasing

BID CHECKLIST

Date Issued:	April 11, 2016
Bid Number:	2016-#18
Closing Date:	May 6, 2016 at 4:00pm
	PO Box 458, 201 N. Choctaw Ave., El Reno, OK 73036
Opening Date:	May 9, 2016 at 9:30am
	Commissioner's Meeting Room, 201 N. Choctaw Ave., El Reno, OK 73036

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

Is the Invitation to Bid Signed and Notarized?_____

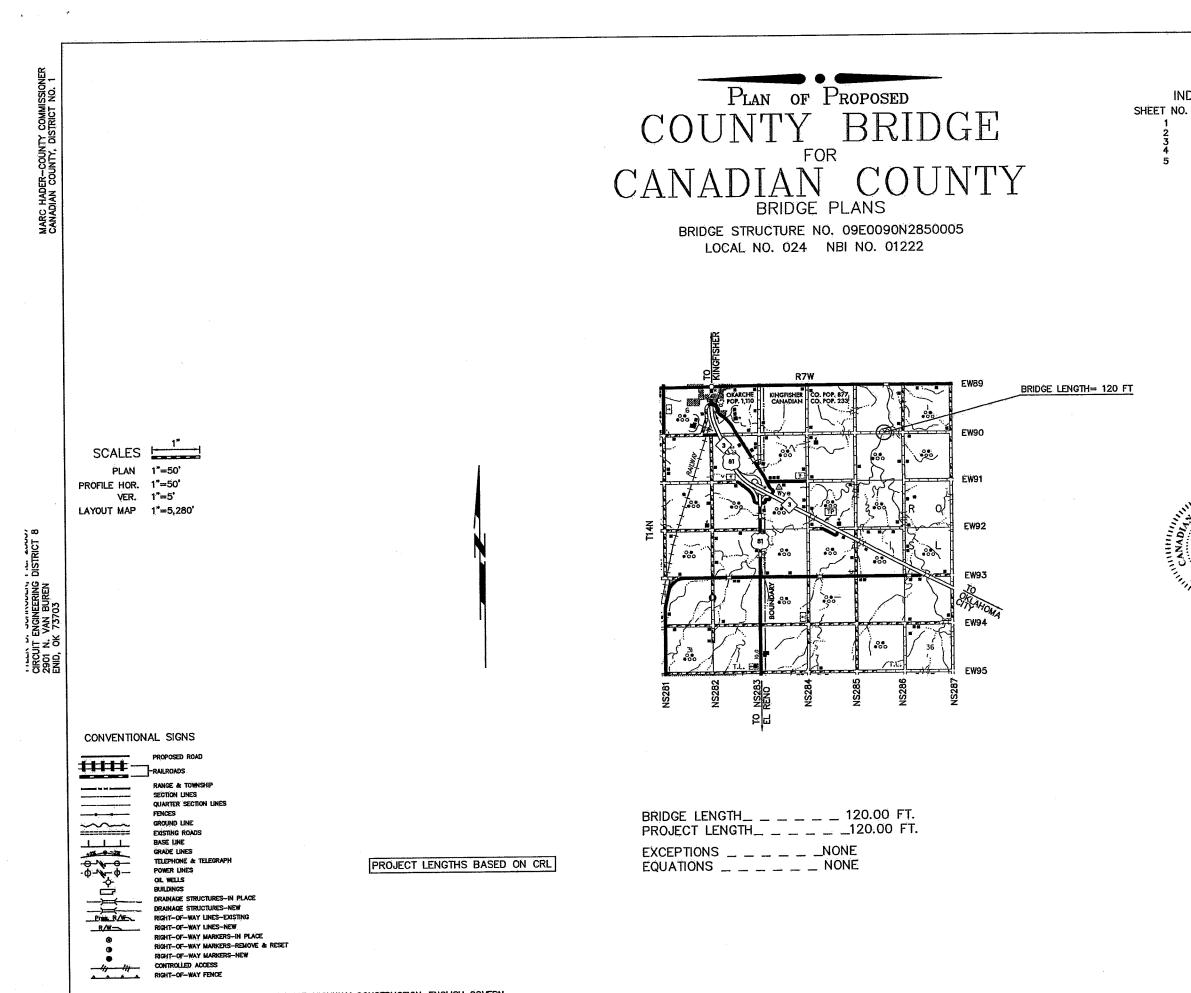
Are <u>all</u> applicable spaces filled in?_____

Are all necessary papers enclosed?_____

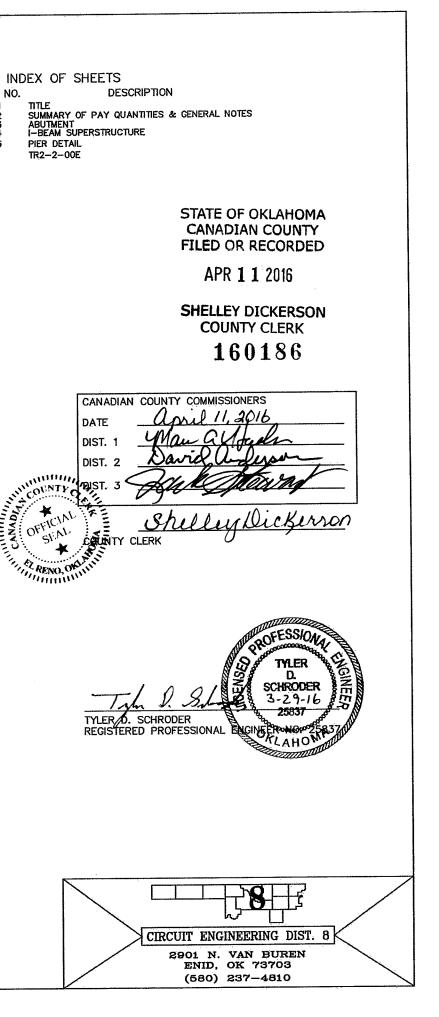
Is the <u>Bid #</u> and <u>Opening Date</u> on outside of return envelope?_____

Thank You,

Sherry Murray, Purchasing Agent



"2009 OKLAHOMA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION-ENGLISH GOVERN., APPROVED BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION, JANUARY 4, 2010."



GENERAL NOTES

The road will be closed to traffic during construction of the bridge. Type III barricade and advance warning signs will be required at each end of the bridge construction zone and at road intersections each side of Bridge site. The county shall be responsible for placement and maintenance of all construction signs, barricade, lights, etc. according to the standards set forth in the Manual on Uniform Traffic Control Devices, 2009 Edition. All cost of necessary items for construction signing will be included in other items of work.

All construction and materials shall be in accordance with the 2009 Oklahoma Standards Specifications for Highway Construction.

Equipment for driving piles shall meet the requirements of Section 514.03 of the Standard Specifications. Length of piling shown is estimated. Piling under bridge seat shall have a capacity of 30 tons. Piling buildups, if required, will be paid for at the unit price bid for steel piling.

Bidders shall be responsible for the construction of the bridge using materials provided by the county.

The bid is good until the completion of the project.

The Top of Deck elevation should be approximately 30 feet above the Flowline elevation of the creek.

All material shall be new and delivered to the project site.

The new bridge alignment is to be approved by the County Commissioner or the Engineer.

Upon the completion of the abutments and prior to hanging the bridge beams, the contractor shall notify the county and allow them a minimum of 3 working days to place riprop around the abutments.

CONSTRUCTION NOTES

- (1) THIS PAY ITEM IS TO BE BID FOR EACH ADDITIONAL FOOT OF PILING NEEDED OVER PLAN QUANTITY. QUANTITY ESTIMATED AT 40' ASSUMING A 40' PIECE.
- (2) QUANTITY CALCULATED AT 40' ASSUMING 20' PIECES, INCLUDES 7' FOR WASTE.
- (3) QUANTITY CALCULATED AT 40' ASSUMING 20' PIECES, INCLUDES 2' FOR WASTE.
- (4) QUANTITY CALCULATED AT 640' ASSUMING 20' PIECES, INCLUDES 28' FOR WASTE.
- (5) QUANTITY CALCULATED AT 80' ASSUMING 20' PIECES, INCLUDES 17' FOR WASTE.
- (6) QUANTITY CALCULATED AT 220' ASSUMING 20' PIECES, INCLUDES 16' FOR WASTE.
- (7) QUANTITY CALCULATED AT 1880' ASSUMING 20' PIECES, INCLUDES 270' FOR WASTE.
- (8) QUANTITY CALCULATED AT 160' ASSUMING 20' PIECES, INCLUDES 18' FOR WASTE.
- (9) QUANTITY CALCULATED AT 3640' ASSUMING 20' PIECES, INCLUDES 49' FOR WASTE.
- (10) QUANTITY CALCULATED AT 15,980' ASSUMING 20' PIECES, INCLUDES 438' FOR WASTE.
- (11) QUANTITY CALCULATED AT 540' ASSUMING 20' PIECES, INCLUDES O' FOR WASTE.
- (12) 155 2" CONTINUOUS SLAB BOLSTERS MAY BE SUBSTITUTED FOR 4" REBAR CHAIRS. BOLSTERS ASSUMED TO BE 5' LONG.
- (13) THE PAY ITEM "TUBULAR RAIL" IS TO INCLUDE ALL HARDWARE REQUIRED TO ATTACH THE TWO 12 GA. W BEAM MEMBERS WELDED AS SHOWN IN STANDARD TR2-2.
- (14) QUANTITY IS ESTIMATED AS 88 SHEETS OF 1'-7 5/8" WIDE X 35' LONG.
- (15) THE PAY ITEM "DECK FORM" IS TO BE PRIME MATERIAL MEETING PLAN SPECIFICATIONS. QUANTITY IS ESTIMATED AS 41 SHEETS OF 24' LONG X 3' WIDE.
- (16) QUANTITY CALCULATED AT 250' ASSUMING 25' PIECES, INCLUDES 23' FOR WASTE.
- (17) QUANTITY CALCULATED AT 95 C.Y., INCLUDES 6 C.Y. FOR WASTE. CLASS AA CONCRETE SHALL INCLUDE THE COST OF BOTH PURCHASING AND PLACING THE CONCRETE.
- (18) THIS PAY ITEM IS TO BE BID FOR EACH ADDITIONAL FOOT OF PILING DRIVEN OVER PLAN QUANTITY.
- (19) THIS PAY ITEM CONSISTS OF REMOVAL AND DISPOSAL OF THE 196' LONG X 16' WIDE STRUCTURE. ALL MATERIAL SHALL BECOME PROPERTY OF THE CONTRACTOR.

RESPONSIBILITIES OF COUNTY FORCES

Moving and replacing fence if required. Providing for relocation of utilities, if necessary. Obtaining right-of-way if required. Placing guardrail beyond bridge ends. Placing approach embankments and surface. Providing 10-33"x130# x60' long Beams to the project site. Placing riprop along channel and under bridge.

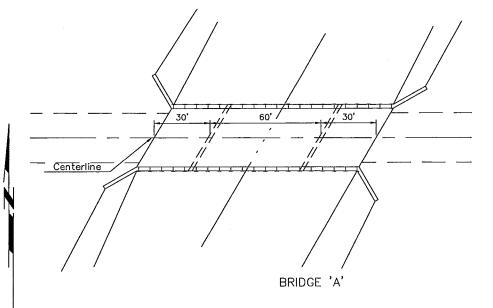
Contractor to call Okie 1-800-522-6543 for utility location before construction begins.

DESIGN DATA

CONCRETE: CLASS 'AA' REINFORCING STEEL: (GR. 60) STRUCTURAL STEEL: (A 36) STRUCTURAL STEEL: (BEAMS) LOADING: HS-20-44

f'c=4,000 psi fy=60,000 psi fy=36,000 psi fy=36,000 psi

DESIGN-AASHTO Standard Specifications for Highway Bridges 1999 and American Welding Society Specifications

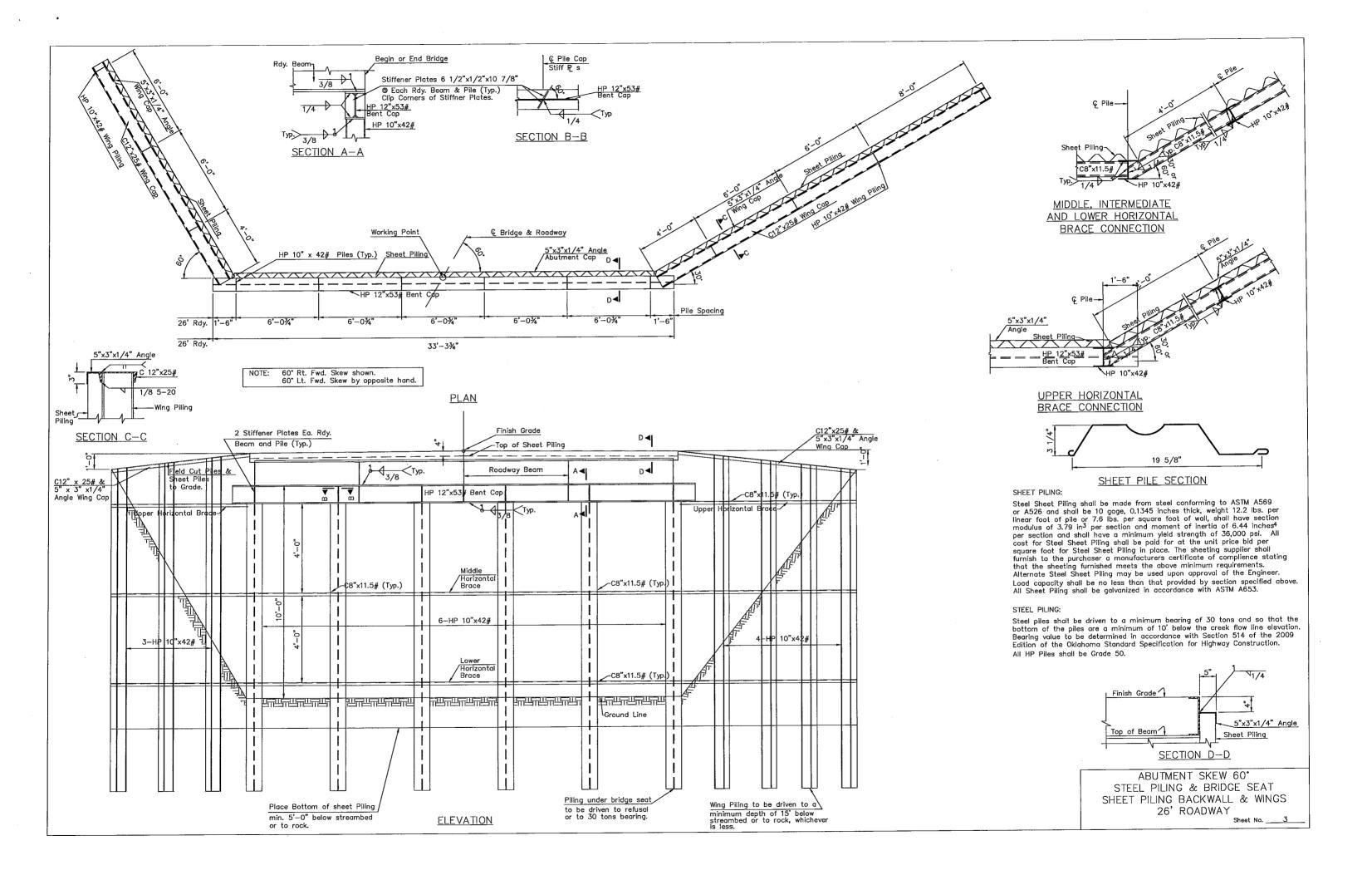


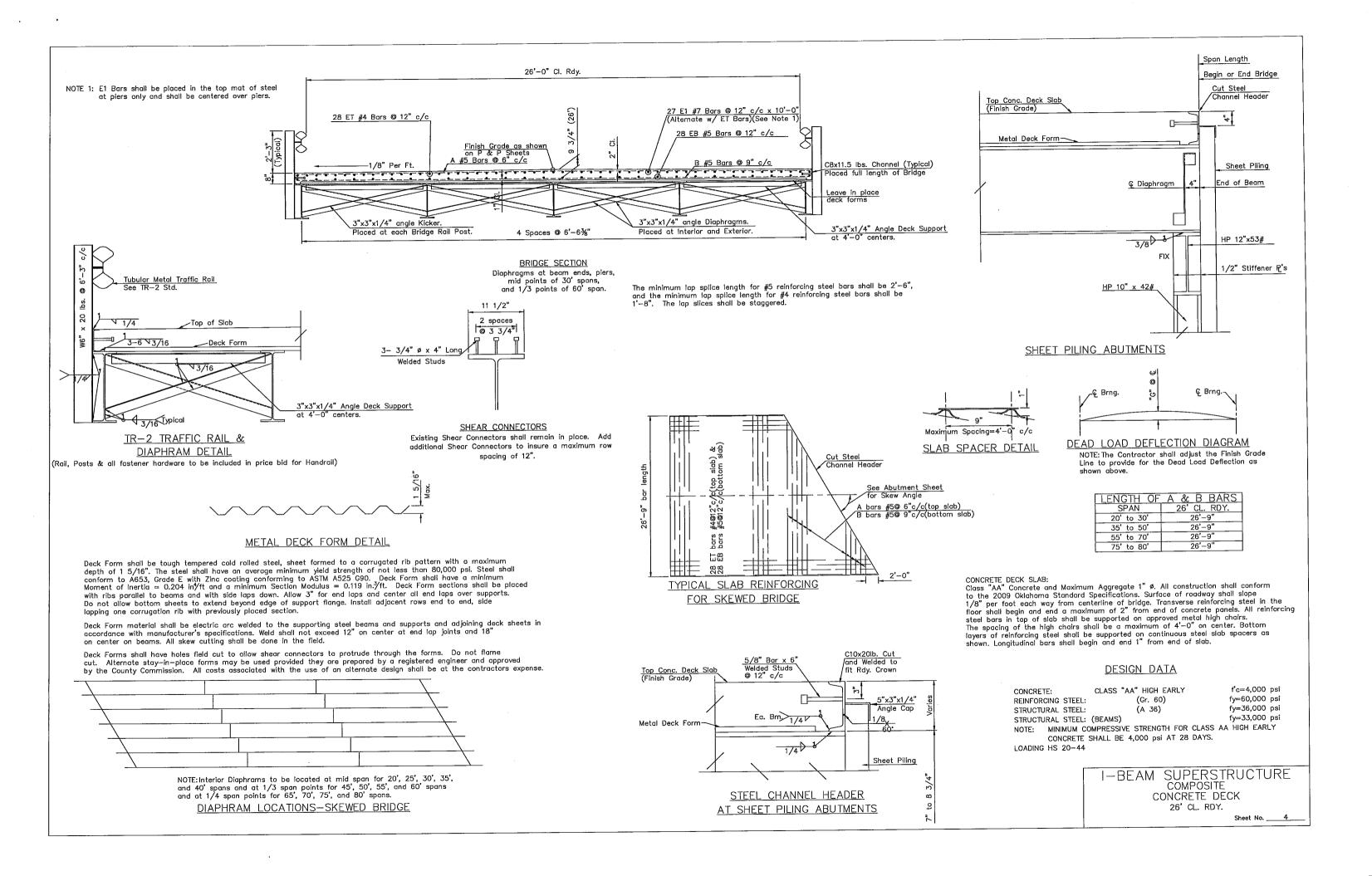
MATERIAL PAY QUANTITIES BRIDGE (A): 30'-60'-30' LONG X 27' 1" OUT TO OUT' SKEW 60' LT. FWD.				
ITEM		UNIT	QUANTITY	
HP 10" X 42# (26-40' PCS), Piles		L.F.	1040.00	
HP 10" X 42#, Additional Pile	(1)	EA. L.F.	40.00	
HP 12" X 53# (2-34' PCS), Bent Caps		L.F.	68.00	
HP 12" X 53# (12-40' PCS), Piles		L.F.	480.00	
HP 12" X 53#, Additional Pile	(1)	EA. L.F.	40.00	
HP 14" X 73# (2-33' PCS), Pier Cap		L.F.	66.00	
6 1/2" X 1/2" FLAT, Bent Cap Stiffener	(2)	L.F.	40.00	
8 1/2" X 1/2" FLAT, Pier Cap Stiffener	(3)	L.F.	40.00	
C8" X 11.5# CHANNEL, Backwall Bracing & Deck Sides	(4)	L.F.	640.00	
C10" X 15 1/3# CHANNEL, Deck Ends	(5)	L.F.	80.00	
C12" X 25# CHANNEL, Wing Cap & Pier	(6)	L.F.	220.00	
3" X 3" X 1/4" ANGLE	(7)	L.F.	1,880.00	
5" X 3" X 1/4" ANGLE	(8)	L.F.	160.00	
REBAR, #4	(9)	L.F.	3,640.00	
REBAR, #5	(10)	L.F.	15,980.00	
REBAR, #7	(11)	L.F.	540.00	
SLAB BOLSTERS, 1"		EA.	155.00	
STEEL REBAR CHAIRS, 4"	(12)	EA.	217.00	
REBAR TIES, 6"			2.00	
WELD STUDS, 5/8" X 6"		EA.	302.00	
TUBULAR RAIL (13)			250.00	
W-BEAM END SECTION (FLARED)			4.00	
BACKWALL SHEETING, INTERLOCKING GALV. 10 GA. (14)			5037.00	
GALV. DECK FORM (15)			2,952.00	
GUARDRAIL POST, W 6" X 20#, (16)			250.00	

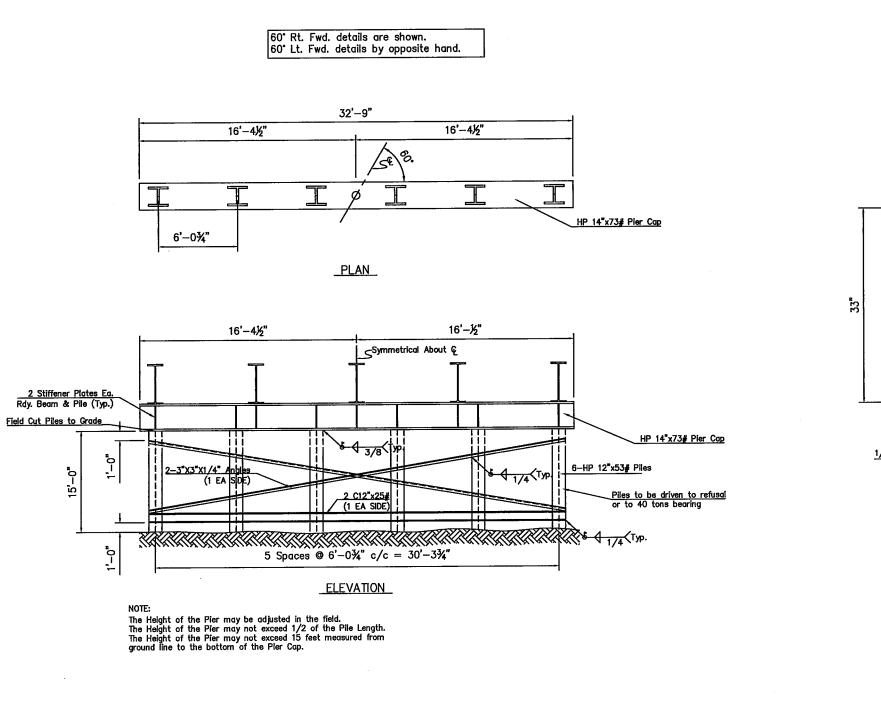
CONSTRUCTION PAY BRIDGE (A): 30'-60'-30' LONG X 27' 1" OUT TO			
ITEM		UNIT	QUANTITY
BRIDGE CONSTRUCTION LABOR	L. SUM	1.00	
CLASS AA CONCRETE & FINISHING	(17)	C.Y.	95.00
PILE DRIVING BEYOND PLAN QUANTITY (18)			40.00
REMOVAL OF EXISTING BRIDGE STRUCTURE	(19)	L. SUM	1.00

GENERAL NOTES

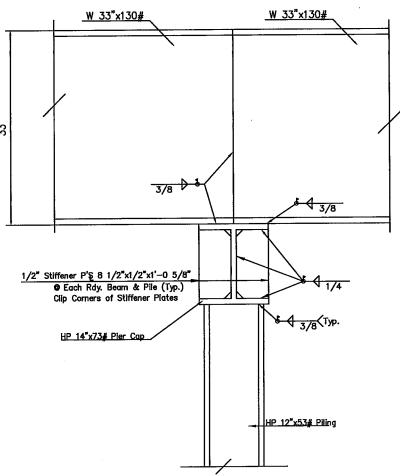
Sheet No. 2





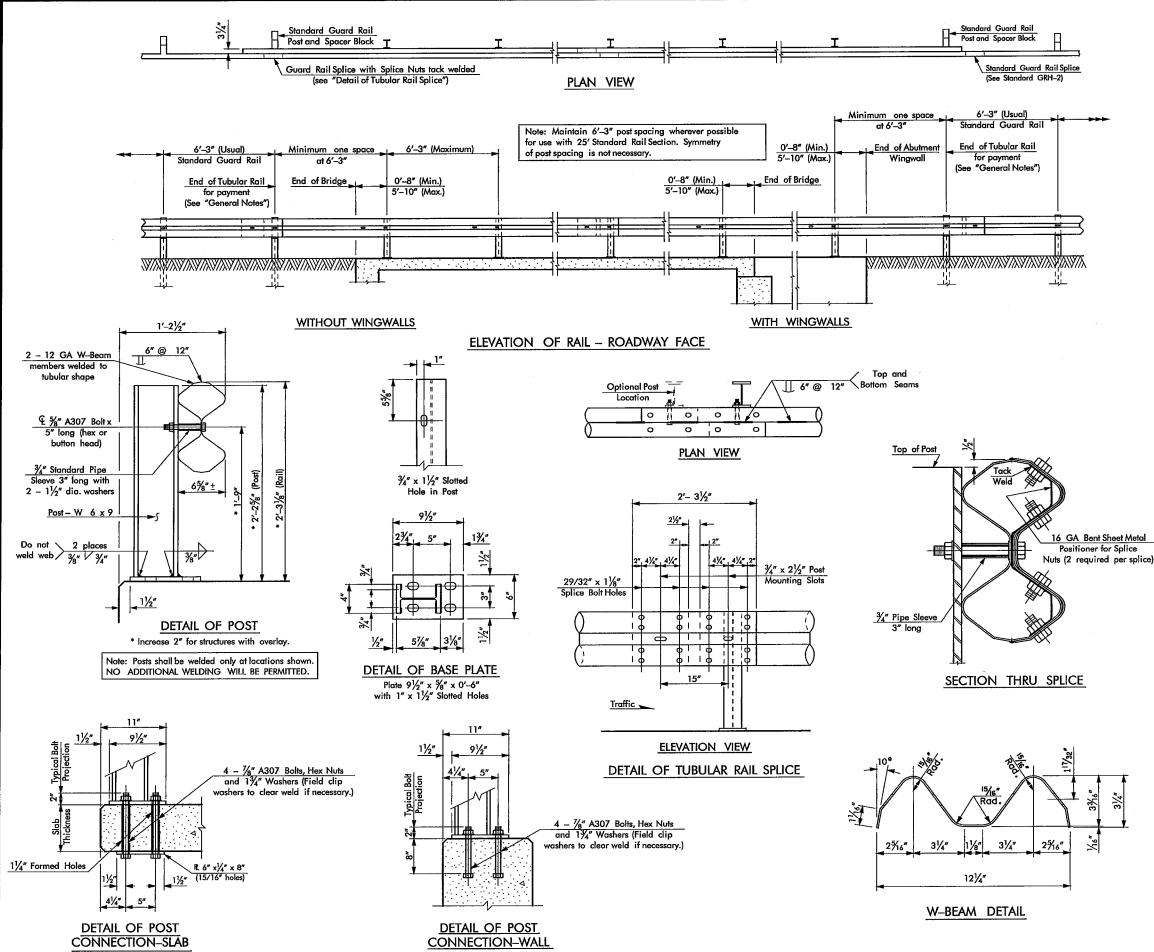


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BEARING ASSEMBLY DETAIL

Design			
Drawn	T.D.S.	PIER DETAIL	
Checked]	
Approved			_
Squad	CED8		Sheet No



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GENERAL NOTES:

THIS RAIL HAS BEEN SUCCESSFULLY EVALUATED BY FULL SCALE IMPACT TESTS CONDUCTED IN ACCORDANCE WITH NCHRP REPORT 153. TEST DOCUMENTATION MAY BE FOUND IN RESEARCH REPORT 230--1, "TUBULAR W-BEAM BRIDGE RAIL", OF RESEARCH STUDY 2-5-78-230 "BRIDGE RAIL TO CONTAIN HEAVY TRUCKS AND BUSES", TEXAS TRANSPORTATION INSTITUTE, OCTOBER 1978.

TUBULAR METAL TRAFFIC RAIL SHALL EXTEND ACROSS THE BRIDGE AND CONNECT TO AT LEAST THE FIRST SOIL EMBEDDED POST AT EACH END OF THE STRUCTURE. APPROACH GUARD RAIL POSTS SHALL BE SPACED AT 6'-3" CENTERS ADJACENT TO THE TUBULAR RAIL SINCE THE FLEXIBILITY OF SINGLE FACE GUARD RAIL AND TUBULAR RAIL IS SIMILAR. (DO NOT INSTALL ADDITIONAL POSTS AT 3'-11/2" CENTERS).

RAIL POSTS ON THE BRIDGE SHALL BE SPACED AT 6'-3" CENTERS WHEREVER POSSIBLE AND SET PERPENDICULAR TO THE ROADWAY PROFILE GRADE AND CROSS SLOPE. AT THE CONTRACTOR'S OPTION, THE POST MAY BE PLACED AT EITHER OF THE POST MOUNTING SLOTS SHOWN. GROUT OR SHIM PLATES MAY BE USED UNDER THE BASE PLATE IF NECESSARY TO SECURE PROPER ALIGNMENT OF THE RAIL.

TUBULAR W-BEAM RAIL MEMBER IS TO BE FABRICATED FROM STANDARD 25' GUARD RAIL ELEMENTS. W-BEAM MEMBER SHALL BE 12 GAGE STEEL WITH NOMINAL THICKNESS OF 0.1046" EXCLUSIVE OF PROTECTIVE COATING. ADDITIONAL POST MOUNTING SLOTS ARE TO BE MADE IN EACH MEMBER 15" FROM THE STANDARD SLOTS AT 6'-3" CENTERS. TOP AND BOTTOM SEAMS SHALL BE BUTT WELDED 6" AT 12" SPACING, CONTINUOUS SEAM WELDING IS ALSO ACCEPTABLE. WELDS SHALL BE CHIPPED, CLEANED, AND PAINTED IN ACCORDANCE WITH SECTION 732.01(B) OF THE STANDARD SPECIFICATIONS. ALL BRIDGE RAILING HARDWARE SHALL CONFORM TO SECTIONS 732.01 AND 732.03 OF THE STANDARD SPECIFICATIONS.

THE TUBULAR RAIL SHALL EXTEND ACROSS ALL JOINTS (FIXED AND EXPANSION) WITH NO CHANGE IN POST SPACING OR CONTINUITY. AT EXPANSION JOINTS OF 11/4" OR LESS, THE SPLICE BOLTS ON THE SPLICE NEAREST THE JOINT AND ALL POST MOUNTING BOLTS BETWEEN THE EXPANSION JOINT AND THIS SPLICE SHALL BE SNUGLY TIGHTENED TO ALLOW FOR RAIL EXPANSION, AT EXPANSION JOINTS OVER 11/4", THE BOLT TREATMENT WILL BE THE SAME AS FOR JOINTS 11/4" OR LESS WITH SUITABLY LONGER SPLICE HOLES PROVIDED.

%" SPLICE NUTS SHALL BE TACK WELDED ON THE INSIDE OF THE TUBULAR RAIL SECTION AT ALL RAIL SPLICES. THE NUTS MUST BE TACKED APPROX. 3/32" OFF THE CENTER OF THE BOLT SLOT TOWARD THE OUTSIDE OF THE TUBULAR RAIL. AT THE CONTRACTOR'S OPTION, THE NUTS MAY BE TACK WELDED TO A BENT SHEET METAL POSITIONER AS SHOWN IN THE DETAILS. OTHER SUITABLE POSITIONING METHODS OR DEVICES MAY BE SUBSTITUTED FOR THE METHODS NOTED. THE COMPLETE SPLICE SHALL HAVE 16-5/8" SPLICE BOLTS. FOR DETAIL OF SPLICE BOLT SEE ROADWAY STD. GRH-2.

ANCHOR BOLTS SHALL BE 7/8" DIA. A-307 (OR A-36 THREADED RODS WITH TACK WELDED NUTS) WITH HEX NUTS AND WASHERS AS SHOWN. THREADED RODS MAY BE 0.781" MIN, DIA, WITH ROLLED THREADS, NUTS SHALL CONFORM TO A-307 REQUIREMENTS AND MAY BE TAPPED OR CHASED AFTER GALVANIZING. BOLTS AND NUTS SHALL HAVE CLASS 2A AND 2B FIT TOLERANCES.

SHOP DRAWINGS SHOWING DIMENSIONS AND DETAILS OF THE COMPLETE TUBULAR METAL TRAFFIC RAIL SHALL BE SUBMITTED TO THE BRIDGE ENGINEER FOR APPROVAL. BASIS OF PAYMENT; THE TUBULAR METAL TRAFFIC RAIL WILL BE MEASURED FOR

PAYMENT BY THE LINEAR FOOT COMPLETE IN PLACE FROM END TO END OF TUBULAR RAILING SECTION ON EACH SIDE OF BRIDGE. PAYMENT WILL BE MADE AT THE CONTRACT UNIT PRICE FOR:

TUBULAR METAL TRAFFIC RAIL L.F.

WHICH PRICE SHALL INCLUDE ALL COST OF TUBULAR W-BEAM RAIL, POSTS, ANCHOR BOLTS, WELDING, NUTS, BOLTS, WASHERS, CONNECTING PLATES, MISCELLANEOUS HARDWARE, LABOR, AND INCIDENTALS NECESSARY TO INSTALL THE TRAFFIC RAIL AS NOTED AND SPECIFIED.

APPROVED E	ΒY	BRIDGE	ENGINEER:
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DATE:

OKLAHOMA DEPT. OF TRANSPORTATION COUNTY BRIDGE STANDARD (ENGLISH)

TUBULAR METAL TRAFFIC RAIL

1999 SPECIFICATIONS

TR2-2