

GENERAL BRIDGE NOTES:

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

THE 6" PERFORATED AND NON-PERFORATED SHALL NOT BE INSTALLED AS SHOWN ON STANDARD CB26..32-C-SKO-ABUT-MISC-OIE

ABUTMENT PILING CAPACITY:

THE REQUIRED ULTIMATE PILE CAPACITY FOR HP 12X53 IS 73.7 TONS/PILE.
 THE REQUIRED ULTIMATE PILE CAPACITY FOR HP 10X42 IS 73.7 TONS/PILE.
 THE LENGTH OF STEEL PILING SHOWN ON THE PLANS IS FOR ESTIMATION PURPOSES ONLY.

ANCHOR BOLTS:

SIZING: THE MINIMUM REQUIREMENT FOR ANCHOR BOLT SIZE AND LENGTH (FIXED OR EXPANSION BEARING) IS 1/2" DIAMETER BOLT - SET 15" MINIMUM INTO CONCRETE.

BRIDGE PAY ITEM NOTES:

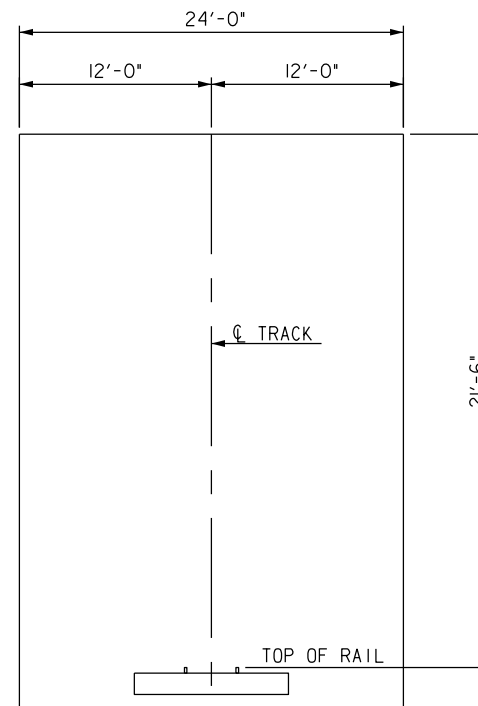
- (1) PAYMENT FOR PAY ITEMS WILL BE BASED ON PLAN QUANTITIES ACCORDING TO SECTION 109.01(b) OF THE STANDARD SPECIFICATIONS.
- (2) THE "REMOVAL OF EXISTING BRIDGE STRUCTURE" SHALL CONSIST OF THE REMOVAL AND DISPOSAL OF THE EXISTING 101.0'x13.0' WIDE PONY THRU TRUSS BRIDGE, BRIDGE AT APPROXIMATE CENTERLINE STA. 14+10.61 IN ACCORDANCE WITH SECTION 619.04(b)2 OF THE STANDARD SPECIFICATIONS AND IN A MANNER APPROVED BY THE ENGINEER. THE BRIDGE SHALL BE REMOVED IN SUCH A WAY THAT THE COUNTY CAN REASSEMBLE IT AT A DIFFERENT LOCATION. CONTRACTOR SHALL ASSIST IN LOADING THE EXISTING BRIDGE MATERIAL ON TRUCKS/TRAILERS PROVIDED BY THE COUNTY. THE EXISTING BRIDGE MATERIAL SHALL BECOME THE PROPERTY OF THE COUNTY.
- (3) ESTIMATED AT 120 LBS PER C.F.
- (4) THE CLSM SHALL ALSO BE PLACED A MINIMUM OF 1.0' THICK UNDER THE APPROACH SLABS.
- (5) A BOND BREAKER SHALL BE PLACED BETWEEN THE APPROACH SLAB AND THE CLSM.
- (6) PAY ITEM *(PL) PILOT HOLES* SHALL BE USED TO ADVANCE THE *HP 12X53 PILING* ON ABUTMENT NO. 2.
- (7) PRICE BID SHALL INCLUDE ALL COST ASSOCIATED WITH THE INSTALLATION OF THE RETAINING WALLS.
- (8) ALL COST OF CONCRETE WALL TREATMENT INCLUDING FINISHING, FORM LINERS, LABOR, MATERIALS, TOOLS, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK AS SPECIFIED SHALL BE INCLUDED IN THE PRICE BID FOR SQUARE YARD OF WALL.
- (9) INCLUDES COST OF EXCAVATION FOR THE INSTALLATION OF THE RETAINING WALL. ANY EXCESS MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND DISPOSED OF BY HIM/HER IN A MANNER APPROVED BY THE ENGINEER.
- (10) AFTER THE CONSTRUCTION OF THE RETAINING WALL SOME OR ALL OF THE EXCAVATED MATERIAL SHALL BE PLACED BACK AGAINST THE RETAINING WALL, ON THE RAILROAD TRACK SIDE OF THE WALL, TO BRING THE GRADE BACK TO WHERE IT WAS IN ORDER TO PREVENT ANY PONDING OF WATER. COST TO BE INCLUDED IN PRICE BID "RETAINING WALL".

DESCRIPTION	REVISIONS	DATE
△	REVISED PAY ITEMS	10/13/17
△	CORRECTED ITEM NUMBER	10/19/17

31169(04) SUMMARY OF PAY QUANTITIES				
0200 BRIDGE 135' P.C. BEAM SPAN TYPE J, 26'-0" CL RDWY, TR3-2				
ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANT.	
501(B)	1307 SUBSTRUCTURE EXCAVATION COMMON	(1) CY	210.00	
501(G)	6309 CLSM BACKFILL	(4) CY	120.00	
503(A)	△ 6290 PRESTRESSED CONCRETE BEAMS (TYPE J BT)	LF	404.00	
504(A)	1304 APPROACH SLAB	(5) SY	114.80	
504(B)	1305 SAW-CUT GROOVING	SY	423.26	
504(D)	6239 CONCRETE RAIL (TR3)	(1) LF	347.20	
506(A)	1322 STRUCTURAL STEEL	(1) LB.	970.00	
507(A)	6172 WEATHERING STEEL FIXED BEARING ASSEMBLY	(1) EA	3.00	
507(B)	6176 WEATHERING STEEL EXPANSION BEARING ASSEMBLY	(1) EA	3.00	
509(A)	1326 CLASS AA CONCRETE	(1) CY	117.20	
509(B)	1328 CLASS A CONCRETE	(1) CY	147.50	
510(A)	6334 RETAINING WALL	(7)(8)(9)(10) SY	187.10	
511(A)	1332 REINFORCING STEEL	(1) LB.	37,300.00	
511(B)	6010 EPOXY COATED REINFORCING STEEL	(1) LB.	9,860.00	
514(A)	6010 PILES, FURNISHED (HP 10X42)	LF	317.46	
514(A)	6011 PILES, FURNISHED (HP 12X53)	LF	1064.41	
514(B)	6292 PILES, DRIVEN (HP 10X42)	LF	317.46	
514(B)	6294 PILES, DRIVEN (HP 12X53)	LF	1064.41	
514(K)	6260 (PL)PILOT HOLES	(6) LF	526.91	
514(L)	6220 PILE SPLICE, H-PILE (NON-BIDDABLE)	EA	1.00	
516(A)	6094 DRILLED SHAFTS 48" DIAMETER	LF	176.00	
601(B)	1353 TYPE I-A PLAIN RIPRAP	(3) TON	473.67	
601(C)	△ 1355 TYPE I-A FILTER BLANKET	TON	157.89	
619(D)	1397 REMOVAL OF EXISTING BRIDGE STRUCTURE	(2) LSUM	1.00	
622(A)	△ 4445 2" PIPE RAILING	LF	96.00	

31169(04) SUMMARY OF PAY QUANTITIES				
0600 STAKING				
ITEM NO.	DESCRIPTION	UNIT	QUANT.	
642(B)	0096 CONSTRUCTION STAKING LEVEL II	LSUM	1.00	

SUMMARY OF GUARD RAIL							
LOCATION		Lane		Anchor Units		Total Panel Length Including Anchor Units	Total Rail Between Anchor Units
Station To Station	Lt.	Rt.	Type "D-BF"	GET EXTRUDER TERMINAL	Lin. Ft.	Lin. Ft.	
			Ea.	Ea.			
3+16.67 TO 4+16.67	X		1	1	100	25	
3+16.67 TO 4+16.67		X	1	1	100	25	
5+88.17 TO 6+88.17	X		1	1	100	25	
5+88.17 TO 6+88.17		X	1	1	100	25	
Totals			4	4	400	100	



UPRR FALSEWORK CLEARANCE DIAGRAM

CLEARANCE OF FALSEWORK REQUIRED BY R.R. FOR OPERATIONS DURING CONSTRUCTION.
 HORIZONTAL DIMENSIONS SHOWN ARE MEASURED AT RIGHT ANGLES TO CL OF R.R. TRACK.
 VERTICAL DIMENSIONS SHOWN IS PERPENDICULAR TO PLANE OF TOP OF RAILS.

E-1844/DAIRY LANE	ATOKA COUNTY
SOUTHEAST #3 CIRCUIT ENGINEERING DISTRICT	
SUMMARY OF QUANTITIES BRIDGE	
STATE JOB NO. 31169(04)	SHEET NO. ABO1