

GENERAL NOTES

REVISIONS		
REV. NO.	DESCRIPTION	DATE

1. SPECIFICATIONS:

ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE 2009 OKLAHOMA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, EXCEPT AS MODIFIED BY THE PLANS AND SPECIAL PROVISIONS.

2. CONSTRUCTION:

- (A) ALL CONCRETE EDGES SHALL HAVE A 1/2" CHAMFER UNLESS OTHERWISE SHOWN OR NOTED. ALL CHAMFER STRIPS SHALL BE SIZED LUMBER.
- (B) ALL REINFORCING STEEL SHALL HAVE A 2" MINIMUM CLEAR COVER UNLESS OTHERWISE SHOWN.
- (C) THE QUANTITY FOR REINFORCING STEEL DOES NOT INCLUDE LAP SPLICES OF E1BARS OR E2 BARS IN THE LENGTH OF THE BARREL. THE SPLICE LENGTH FOR E BARS SHALL BE 24" MINIMUM. THE NUMBER OF SPLICES USED IS TO BE APPROVED BY THE ENGINEER. REINFORCING STEEL FOR SPLICES SHALL NOT BE MEASURED FOR PAYMENT, AND ALL COSTS WILL BE INCLUDED IN THE UNIT BID PRICE FOR REINFORCING STEEL.
- (D) TRANSVERSE CONSTRUCTION JOINTS SHALL BE PLACED IN ALL CULVERTS 100 FT. OR MORE IN LENGTH. JOINTS SHALL BE SPACED AT 60 FT. MAX.
- (E) REINFORCING STEEL SHALL BE CONTINUOUS THROUGH THE TRANSVERSE CONSTRUCTION JOINT AND EXTEND A MIN. OF 24" INTO ADJACENT SECTION.

3. CONCRETE PLACEMENT:

ALL CONCRETE SHALL BE PLACED IN THE DRY.

4. CONCRETE:

CONCRETE FOR BARREL, HEADWALLS, WINGS AND APRONS SHALL BE CLASS AA, f'c = 4,000 psi MINIMUM STRENGTH AT 28 DAYS.

5. REINFORCING STEEL:

UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS, ALL REINFORCING STEEL SHALL CONFORM TO AASHTO M31 (ASTM A615), GRADE 60.

6. REMOVAL OF EXISTING BRIDGE STRUCTURE:

ITEM "REMOVAL OF EXISTING BRIDGE STRUCTURE" CONSISTS OF REMOVAL AND DISPOSAL OF THE 12'-14'-12"x10'x60.0' LONG REINFORCED CONCRETE BOX. THE REMOVAL SHALL BE IN ACCORDANCE WITH SECTION 619.04.B.(2) OF THE STANDARD SPECIFICATIONS AND IN A MANNER APPROVED BY THE ENGINEER. THE ENGINEER WILL REQUIRE THAT THIS REMOVAL BE AT LEAST ONE (1) FOOT BELOW THE NATURAL GROUND, OR REMOVAL TO AN ELEVATION THAT WILL NOT CONFLICT WITH OTHER CONSTRUCTION OR USE OF THE RIGHT-OF-WAY, WHICHEVER IS LOWER. THE STRUCTURE AND MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR. ALL COSTS NECESSARY TO REMOVE THE EXISTING BRIDGE AS DESCRIBED ABOVE INCLUDING LABOR, EQUIPMENT AND INCIDENTALS SHALL BE INCLUDED IN THE PRICE BID PER LUMP SUM OF "REMOVAL OF EXISTING BRIDGE STRUCTURE".

28941(04) PAY QUANTITIES				
0200 BRIDGE "A" TRPL.12'x10',18'x84.00' CLR. RDWY. RCB W/8' DROP				
ITEM		DESCRIPTION	UNIT	QUANTITY
202(A)	1301	UNCLASSIFIED EXCAVATION (BR-1)	C.Y.	8,510.0
501(A)	1306	STRUCTURAL EXCAVATION UNCLASSIFIED	C.Y.	452.0
509(A)	1326	CLASS AA CONCRETE (BR-1)	C.Y.	1,293.9
511(A)	1332	REINFORCING STEEL (BR-1)	LB.	165,560.0
619(D)	1397	REMOVAL OF EXISTING BRIDGE STRUCTURE	L.SUM	1.0

BR-1: PAYMENT FOR THIS ITEM WILL BE BASED ON THE PLAN QUANTITIES ONLY. SEE SECTION 109.01.B OF THE STANDARD SPECIFICATIONS.

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DESIGN		U.S. 177 OVER BRUSH CREEK BRIDGE "A"	LINCOLN COUNTY
DRAWN			
CHECKED			
APPROVED			
SQUAD	G/K ENGR.		
		SUMMARY OF QUANTITIES AND GENERAL NOTES (BRIDGE)	
		JOB PIECE NO. _____	28941(04) SHEET NO. 4