

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
X	OKLA.	28872(04)			
REVISIONS					DATE
DESCRIPTION					
Revised & Added Environmental Notes					08-02-2015

△ SPECIAL ENVIRONMENTAL NOTE FOR BRIDGES "A" & "B"

DEQ PERMIT FOR SBR PROJECTS OVER HIGHWAYS OR RAILROADS:

If the Contractor elects to build a road(s) to perform work, the Contractor will be responsible for effective erosion and sediment control in accordance with the DEQ DKR10 General Construction regulations. If the area of disturbance is one (1) or more acres and is not already covered by a DEQ permit, the Contractor will be required to obtain a DEQ Storm Water Construction Permit which will include an application (Notice of Intent) to DEQ prior to earth disturbing activities, a Storm Water Pollution Prevention Plan and the installation and maintenance of erosion and sediment controls. In addition, the Contractor will be responsible for permanent stabilization measures after removal of the work road(s). All costs associated with the Contractor's work road including a DEQ permit, erosion and sediment controls and permanent stabilization, etc. will be the responsibility of the Contractor.

△ ENVIRONMENTAL MITIGATION NOTES - BRIDGES "A" & "B"

AMERICAN BURYING BEETLE (ABB):

No artificial lighting shall be used during construction. Carcasses and all food trash shall be removed from the permanent ROW and temporary ROW throughout the duration of the project activities.

MIGRATORY BIRDS:

Migratory birds are protected by the federal Migratory Bird Treaty Act. These birds commonly use bridges and culverts for nesting. The nesting season for the birds runs from April 1 to August 31. Any activities which would destroy active nests or harm eggs or birds would violate the Migratory Bird Treaty Act. Migratory birds use of bridge NB1 No. 19471 & 19479 was observed during the initial survey conducted as part of the biological studies in 2016. The Resident Engineer will evaluate the contractor's proposed work methods and conclude whether the proposed work would pose disruption to any nesting birds before work near the structure is authorized. If the proposed work will harm any nesting birds, the bridge may be netted prior to April 1 or the work delayed until the nesting season is complete. Methods other than netting must be pre-approved by the ODOT Biologist.

28872(04) 0200 BRIDGE "A"		PAY QUANTITIES		1-40 WB OVER S 38TH W AVE & TSU RR	
ITEM	DESCRIPTION	UNIT	QUANTITY		
201(A) 0102	CLEARING AND GRUBBING	LSUM	1.000		
501(G) 6309	CLSM BACKFILL	(BR-2) C.Y.	81.200		
502(C) 6116	(PL) FALSEWORK JACKING	LSUM	1.000		
504(A) 1304	APPROACH SLAB	(BR-1) S.Y.	513.500		
504(B) 1305	SAW-CUT GROOVING	(BR-1) S.Y.	442.500		
504(C) 6250	SEALED EXPANSION JOINT	(BR-1) L.F.	188.600		
504(E) 1381	CONCRETE PARAPET	(BR-1) L.F.	155.100		
504(G) 6390	RAPID CURE JOINT SEALANT	(BR-1) L.F.	115.300		
506(A) 1322	STRUCTURAL STEEL	(BR-1) LB.	5,000.000		
509 6152	SPECIAL CONCRETE FINISH	(BR-1)(BR-3) S.Y.	259.000		
509(B) 1328	CLASS A CONCRETE	(BR-1) C.Y.	6.500		
509(D) 1331	CLASS C CONCRETE	C.Y.	3.000		
510(C) 6138	SLOPE WALL (5")	(BR-1) S.Y.	495.900		
511 6306	MECHANICAL SPLICES	(BR-1) EA.	194.000		
511(B) 6010	EPOXY COATED REINFORCING STEEL	(BR-1) LB.	18,716.000		
512(A) 1323	PAINTING EXISTING STRUCTURES	LSUM	1.000		
512(B) 6303	COLLECTION AND HANDLING OF WASTE	LSUM	1.000		
513(B) 6019	CLASS B BRIDGE DECK REPAIR	S.Y.	18.000		
513(C) 6020	CLASS C BRIDGE DECK REPAIR	S.Y.	200.000		
515(A) 6013	WATER REPELLENT (VISUALLY INSPECTED)	(BR-1) S.Y.	552.000		
520(A) 6058	PREPARATION OF CRACKS, ABOVE WATER	L.F.	696.000		
520(C) 6060	EPOXY RESIN, ABOVE WATER	GAL	23.200		
521(A) 6210	PNEUMATICALLY PLACED MORTAR	S.Y.	140.200		
523(C) 6570	DECK AREA SEALED (FLOODCOATS)	(BR-1) S.Y.	1,602.000		
524(A) 6610	(SP) CARBON FIBER-REINFORCED POLYMER	S.F.	150.800		
535 6130	(SP) CORROSION INHIBITOR (SURFACE APPLIED)	S.Y.	16.800		
540 4515	(PL) REPAIR BRIDGE ITEM (TYPE A)	EA.	16.000		
540 4525	(PL) REPAIR BRIDGE ITEM (TYPE B)	EA.	1.000		
540 4535	(PL) REPAIR BRIDGE ITEM (TYPE C)	EA.	43.000		
542 4610	(PL) INSTALLATION OF BRIDGE ITEMS (TYPE A)	LSUM	1.000		
613(H) 6204	6" PERFORATED PIPE UNDERDRAIN ROUND	(BR-1) L.F.	109.000		
613(I) 6207	6" NON-PERF. PIPE UNDERDRAIN RND.	L.F.	20.000		
619(B) 2500	REMOVAL OF BRIDGE ITEMS	LSUM	1.000		

28872(04) 0600 STAKING		PAY QUANTITIES			
ITEM	DESCRIPTION	UNIT	QUANTITY		
642(B) 0096	CONSTRUCTION STAKING LEVEL 11	LSUM	1.000		

28872(04) 0640 CONSTRUCTION		PAY QUANTITIES			
ITEM	DESCRIPTION	UNIT	QUANTITY		
641 1399	MOBILIZATION	LSUM	1.000		

BR-1:
Payment for this item will be based on the plan quantities only. See Section 109.01.B of the Standard Specifications.

BR-2:
To be used at the discretion of the Engineer for filling voids at the Approach Slabs.

BR-3:
To be used at the Abutments and Piers, as shown in the plans. See "GENERAL NOTE" for more information.

BR-4:
To be used at the discretion of the Engineer for the purpose explained in the "EXPOSURE OF DETERIORATED STRUCTURAL STEEL" General Note on Sheet No. 2.

BR-5:
To be used at the discretion of the Engineer to replace the fixed and expansion bearing assemblies at the abutments and piers as shown on Sheet No. 37.

28872(04) 0201 BRIDGE "B"		PAY QUANTITIES		1-40 EB OVER S 38TH W AVE & TSU RR	
ITEM	DESCRIPTION	UNIT	QUANTITY		
201(A) 0102	CLEARING AND GRUBBING	LSUM	1.000		
501(G) 6309	CLSM BACKFILL	(BR-2) C.Y.	62.300		
502(C) 6116	(PL) FALSEWORK JACKING	LSUM	1.000		
504(A) 1304	APPROACH SLAB	(BR-1) S.Y.	400.400		
504(B) 1305	SAW-CUT GROOVING	(BR-1) S.Y.	331.100		
504(C) 6250	SEALED EXPANSION JOINT	(BR-1) L.F.	147.300		
504(E) 1381	CONCRETE PARAPET	(BR-1) L.F.	172.800		
504(G) 6390	RAPID CURE JOINT SEALANT	(BR-1) L.F.	95.900		
506(A) 1322	STRUCTURAL STEEL	(BR-4) LB.	5,000.000		
507(A) 6172	WEATHERING STEEL FIXED BEARING ASSEMBLY	(BR-5) EA.	1.000		
507(B) 6176	WEATHERING STEEL EXPANSION BEARING ASSEMBLY	(BR-5) EA.	28.000		
509 6152	SPECIAL CONCRETE FINISH	(BR-1)(BR-3) S.Y.	252.000		
509(B) 1328	CLASS A CONCRETE	(BR-1) C.Y.	62.800		
510(C) 6138	SLOPE WALL (5")	(BR-1) S.Y.	445.600		
511 6306	MECHANICAL SPLICES	(BR-1) EA.	158.000		
511(B) 6010	EPOXY COATED REINFORCING STEEL	(BR-1) LB.	35,091.000		
512(A) 1323	PAINTING EXISTING STRUCTURES	LSUM	1.000		
512(B) 6303	COLLECTION AND HANDLING OF WASTE	LSUM	1.000		
513(B) 6019	CLASS B BRIDGE DECK REPAIR	S.Y.	16.000		
513(C) 6020	CLASS C BRIDGE DECK REPAIR	S.Y.	157.000		
515(A) 6013	WATER REPELLENT (VISUALLY INSPECTED)	(BR-1) S.Y.	572.000		
520(A) 6058	PREPARATION OF CRACKS, ABOVE WATER	L.F.	96.000		
520(C) 6060	EPOXY RESIN, ABOVE WATER	GAL	3.200		
521(A) 6210	PNEUMATICALLY PLACED MORTAR	S.Y.	44.800		
523(C) 6570	DECK AREA SEALED (FLOODCOATS)	(BR-1) S.Y.	1,269.000		
524(A) 6610	(SP) CARBON FIBER-REINFORCED POLYMER	S.F.	287.600		
535 6130	(SP) CORROSION INHIBITOR (SURFACE APPLIED)	S.Y.	32.100		
540 4515	(PL) REPAIR BRIDGE ITEM (TYPE A)	EA.	16.000		
542 4610	(PL) INSTALLATION OF BRIDGE ITEMS (TYPE A)	LSUM	1.000		
613(H) 6204	6" PERFORATED PIPE UNDERDRAIN ROUND	(BR-1) L.F.	115.000		
613(I) 6207	6" NON-PERF. PIPE UNDERDRAIN RND.	L.F.	20.000		
619(B) 2500	REMOVAL OF BRIDGE ITEMS	LSUM	1.000		

1-44 WB & EB OVER S 38TH W AVE & TSU RR		TULSA COUNTY		DESIGN	JMD	9/15
BRIDGES "A" & "B"				DETAIL	SJL	9/15
SUMMARY OF PAY QUANTITIES AND NOTES (BRIDGE) (SHEET 5 OF 5)				CHECK	BRT	11/15
				GARVER		
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION				
		JOB PIECE NO. 28872(04)		SHEET NO. 6		