

REVISIONS		
REV. NO.	DESCRIPTION	DATE

GENERAL NOTES

(11) REMOVAL OF VEGETATION: (BRIDGES A&B)

All trees, brush, shrubs, vines and other vegetation growing under the bridge or within ten feet of the overhang of the bridge deck shall be removed. Any vegetation or trees growing around or under the bridge or along the trail that is deemed by the Engineer to be a cause for concern to the structure shall also be removed at the discretion of the Engineer. Immediately following removal, a pre-approved herbicide should be applied per the manufacturer's instructions. All vegetation and debris shall be disposed of outside the Right-of-Way and in accordance with Section 201 of the Standard Specifications. All costs of clearing the bridge of vegetation and trees shall be included in the unit price bid per LSUM of "SELECTIVE CLEARING".

(12) MECHANICAL SPLICES: (BRIDGES A, B, C & D)

Mechanical Splices shall be used to connect the transverse reinforcing steel in the Phased Construction as specified or as shown in the plans. The Mechanical Splices shall be Erico Lenton or an approved equal. The Mechanical Splices shall satisfy the requirements of Section 511.04 C of the Standard Specifications and shall be installed in accordance with the manufacturer's specifications. All cost of installing the Mechanical Splices including the cost of materials, labor, equipment and incidentals shall be included in the unit price bid per Each of "MECHANICAL SPLICES". The lengths of reinforcing steel bars with Mechanical Splices shown in the Phase I construction bar lists include the length of the Mechanical Splice. The lengths of reinforcing steel bars to be engaged into Mechanical Splices shown in the Phase II construction bar lists do not include any additional length for engagement into the Mechanical Splices. The actual Mechanical Splice engagement lengths shall be determined by the Mechanical Splice manufacturer, and the lengths of the reinforcing steel bars to be engaged into Mechanical Splices shall be adjusted accordingly. The cost to adjust the length of any reinforcing steel shown in the plans to accommodate the Mechanical Splices will not be measured for payment and shall be included in the unit price bid per Each of "MECHANICAL SPLICES".

(13) NEW APPROACH SLAB (WEST END BRIDGE 'C')

The pay item "APPROACH SLAB" shall include the removal and disposal of existing pavement, guardrail and drain and installing new Approach Slab as specified or shown in the plans or as directed by the Engineer. All costs necessary to complete the work as specified or as shown in the plans including the cost of sawing, cutting, demolition, cleaning & straightening reinforcing steel, mechanical splices, containment and removal of debris, materials, labor, equipment and incidentals shall be included in the price bid per S.Y. of "APPROACH SLAB".

(14) NEW SLOPE DRAIN AT END OF BRIDGE (WEST END BRIDGE 'C')

The pay item "CLASS C CONCRETE" is for installing new Drain at End of Bridge as specified or shown in the plans or as directed by the Engineer. The Slope Drain is to be located at the west end of the new Approach Slab. The slope drain length is estimated at 100 ft. All costs necessary to complete the work as specified or as shown in the plans including the cost of materials, labor, equipment and incidentals shall be included in the price bid per C.Y. of "CLASS C CONCRETE".

ENVIRONMENTAL MITIGATION NOTES

MIGRATORY BIRD TREATY ACT:

Cliff Swallows and Barn Swallows are small colonial nesting birds protected by the federal Migratory Bird Treaty Act. These species commonly use bridges and culverts for nesting. The nesting season for the swallows runs from April 1 to August 31. Swallow use of all the bridges within the project has been observed during the initial surveys conducted as part of the biological studies in 2015. Any activities which would destroy active nests or harm eggs or birds would violate the Migratory Bird Treaty Act. The Resident Engineer will evaluate the contractor's proposed work methods and conclude whether the proposed work will harm the nesting birds before work near the structure is authorized. If the proposed work will harm the 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.

JP 31944(04)		PAY QUANTITIES		TULSA COUNTY	
0200	BRIDGE 'A' NBI NO. 22107			US 64 OVER ARKANSAS RIVER	
ITEM	DESCRIPTION	UNIT	QUANTITY		
201 0181	SELECTIVE CLEARING	(11) LSUM	1.00		
504(G) 6390	RAPID CURE JOINT SEALANT BR-1	(2) L.F.	590.00		
512(A) 1323	PAINTING EXISTING STRUCTURES	(8) LSUM	1.00		
512(B) 6303	COLLECTION AND HANDLING OF WASTE	(8) LSUM	1.00		
513(B) 6019	CLASS B BRIDGE DECK REPAIR	(6) S.Y.	50.00		
521(A) 6210	PNEUMATICALLY PLACED MORTAR	(4) S.Y.	100.00		
523(C) 6570	DECK AREA SEALED (FLOODCOATS) BR-1	(7) S.Y.	12,075.00		
540 4515	(PL) REPAIR BRIDGE ITEM (TYPE A) BR-1	(1) EA.	10.00		
540 4535	(PL) REPAIR BRIDGE ITEM (TYPE C)	(3) EA.	135.00		
540 4545	(PL) REPAIR BRIDGE ITEM (TYPE D)	(5) EA.	10.00		
545 4815	(PL) REPLACE BRIDGE ITEM (TYPE A)	(9) EA.	10.00		

JP 31944(04)		PAY QUANTITIES		TULSA COUNTY	
0201	BRIDGE 'B' NBI NO. 22093			US 64 OVER ARKANSAS RIVER OVERFLOW	
ITEM	DESCRIPTION	UNIT	QUANTITY		
201 0181	SELECTIVE CLEARING	(11) LSUM	1.00		
504(G) 6390	RAPID CURE JOINT SEALANT BR-1	(2) L.F.	295.00		
513(B) 6019	CLASS B BRIDGE DECK REPAIR	(6) S.Y.	30.00		
521(A) 6210	PNEUMATICALLY PLACED MORTAR	(4) S.Y.	100.00		
523(C) 6570	DECK AREA SEALED (FLOODCOATS) BR-1	(7) S.Y.	4,495.00		
540 4515	(PL) REPAIR BRIDGE ITEM (TYPE A) BR-1	(1) EA.	4.00		
540 4535	(PL) REPAIR BRIDGE ITEM (TYPE C)	(3) EA.	50.00		

JP 31944(04)		PAY QUANTITIES		TULSA COUNTY	
0640 CONSTRUCTION					
ITEM	DESCRIPTION	UNIT	QUANTITY		
641 1399	MOBILIZATION	LSUM	1.00		

BR-1: Payment for this item will be based on the plan quantity only. See Section 109.01(b) of the Standard Specifications.

JP 31944(04)		PAY QUANTITIES		TULSA COUNTY	
0202	BRIDGE 'C' NBI NO. 20580			I-44 WB OVER ARKANSAS RIVER AND ELWOOD AVE.	
ITEM	DESCRIPTION	UNIT	QUANTITY		
504(A) 1304	APPROACH SLAB BR-1	(13) S.Y.	212.50		
504(B) 1305	SAW CUT GROOVING BR-1	S.Y.	202.00		
504(E) 6190	42" F-SHAPED PARAPET BR-1	L.F.	50.00		
509(D) 1331	CLASS C CONCRETE	(14) C.Y.	10.00		
512(A) 1323	PAINTING EXISTING STRUCTURES	(10) LSUM	1.00		
512(B) 6303	COLLECTION AND HANDLING OF WASTE	(10) LSUM	1.00		
513(B) 6019	CLASS B BRIDGE DECK REPAIR	(6) S.Y.	20.00		
521(A) 6210	PNEUMATICALLY PLACED MORTAR	(4) S.Y.	100.00		
523(C) 6570	DECK AREA SEALED (FLOODCOATS) BR-1	(7) S.Y.	14,090.00		
540 4525	(PL) REPAIR BRIDGE ITEM (TYPE B) BR-1	(1) EA.	6.00		
540 4535	(PL) REPAIR BRIDGE ITEM (TYPE C)	(3) EA.	24.00		

JP 31944(04)		PAY QUANTITIES		TULSA COUNTY	
0203	BRIDGE 'D' NBI NO. 20326			I-44 EB OVER ARKANSAS RIVER AND ELWOOD AVE.	
ITEM	DESCRIPTION	UNIT	QUANTITY		
512(A) 1323	PAINTING EXISTING STRUCTURES	(10) LSUM	1.00		
512(B) 6303	COLLECTION AND HANDLING OF WASTE	(10) LSUM	1.00		
513(B) 6019	CLASS B BRIDGE DECK REPAIR	(6) S.Y.	20.00		
521(A) 6210	PNEUMATICALLY PLACED MORTAR	(4) S.Y.	100.00		
523(C) 6570	DECK AREA SEALED (FLOODCOATS) BR-1	(7) S.Y.	4,495.00		
540 4525	(PL) REPAIR BRIDGE ITEM (TYPE B) BR-1	(1) EA.	6.00		
540 4535	(PL) REPAIR BRIDGE ITEM (TYPE C)	(3) EA.	24.00		

BRIDGES 'A' - 'D' JOINT MAINT.		TULSA COUNTY		Design	N/A	N/A
GENERAL NOTES AND SUMMARY OF PAY QUANTITIES				Detail	RWM	6/16
				Check	KMS	6/16
				Squad: MAYFIELD		
Eng: ELYAZGI						
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION		JOB/PIECE NO. 31944(04)		SHEET NO. AB02