

REVISIONS		
REV. NO.	DESCRIPTION	DATE

PAY ITEM NOTES

- (BR-1) PAYMENT TO THE CONTRACTOR WILL BE BASED ON PLAN QUANTITIES.
- (BR-2) ITEM "(PL) FALSEWORK JACKING" CONSISTS OF SUPPORTING THE BRIDGE THROUGHOUT CONSTRUCTION ACTIVITIES ASSOCIATED WITH BEARING REPLACEMENT IN ACCORDANCE WITH SECTION 502 OF THE SPECIFICATIONS. SUBMIT A WORK PLAN SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF OKLAHOMA TO THE ENGINEER FOR APPROVAL. DO NOT BEGIN JACKING OPERATIONS UNTIL APPROVAL OF THE PLAN BY THE ENGINEER IS RECEIVED. INCLUDE ALL COSTS ASSOCIATED WITH JACKING OPERATIONS, INCLUDING PROFESSIONAL SERVICES, IN THE CONTRACT UNIT PRICE OF "(PL) FALSEWORK JACKING".
- (BR-3) THE APPROACH SLABS CONTAIN AN ESTIMATED TOTAL OF 31.0 C.Y. OF CLASS AA CONCRETE IN PHASE I AND 31.0 C.Y. IN PHASE II AND 5,840 LB. OF EPOXY COATED REINFORCING STEEL IN PHASE I AND 5,840 LB. IN PHASE II.
- (BR-4) PROVIDE CLSM BACKFILL AS REQUIRED UNDER APPROACH SLABS TO ENSURE CONTINUOUS SUPPORT. COMPACT FILL IN ACCORDANCE WITH SECTION 202 OF THE SPECIFICATIONS. ADJUST EXISTING DRAINS TO NEW FINISHED GRADE AS NECESSARY. INCLUDE THE COST OF FILL MATERIAL, COMPACTION, AND DRAIN ADJUSTMENTS IN THE CONTRACT UNIT PRICE OF "APPROACH SLABS".
- (BR-5) THE FIXED BEARING ASSEMBLIES CONTAIN WEATHERING STEEL ESTIMATED AT 82.3 LB. FOR EACH ASSEMBLY ON ABUTMENTS AND 109.1 LB. FOR EACH ASSEMBLY ON PIERS.
- (BR-6) THE EXPANSION BEARING ASSEMBLIES CONTAIN WEATHERING STEEL ESTIMATED AT 124.4 LB. FOR EACH ASSEMBLY.
- (BR-7) SPECIAL CONCRETE FINISH SHALL BE CIM 1000, OR APPROVED EQUAL. THIS ITEM SHALL BE APPLIED TO PIERS AS DIRECTED IN THE PLANS. EDGES OF THE SPECIAL CONCRETE FINISH SHALL BE MASKED WITH TAPE PRIOR TO APPLICATION TO ENSURE CLEAN STRAIGHT LINES ARE OBTAINED. ANY AREAS CONTAINING SPECIAL CONCRETE FINISH OUTSIDE OF THE AREAS AS INDICATED IN THE PLANS SHALL BE CLEANED TO THE SATISFACTION OF THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
- (BR-8) REPAIR AREAS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER. QUANTITY SHOWN IS APPROXIMATE AND SUBJECT TO THE ACTUAL LOCATIONS AND EXTENTS OF REPAIRS DETERMINED IN THE FIELD BY THE ENGINEER. ALL REMOVED MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
- (BR-9) QUANTITY SHOWN FOR EPOXY RESIN ESTIMATED AT 0.080 GALLONS PER FOOT OF CRACK REPAIR.
- (BR-10) QUANTITY SHOWN FOR SEALER RESIN ESTIMATED AT 0.011 GALLONS PER FOOT OF CONSTRUCTION JOINT.
- (BR-11) ITEM "PNEUMATIC MORTAR REPAIR" IS BEING USED FOR THE REPAIR OF THE EXISTING PARAPETS AND EXISTING DIAPHRAGM ENDS AS SHOWN ON THE PLANS.
- (BR-12) ITEM "CLASS B BRIDGE DECK REPAIR" CONSISTS OF REPAIRING THE ENDS OF EXISTING BRIDGE DECK AT ABUTMENT 1 AND 2 BEFORE CONSTRUCTING NEW APPROACH SLABS.
- (BR-13) ITEM "CLASS C BRIDGE DECK REPAIR" CONSISTS OF REMOVING AND DISPOSING OF 2'-0" OF THE EXISTING BRIDGE DECK EACH SIDE OF CENTERLINE PIERS IN PHASE I AND PHASE II DECK REPAIR FOR THE REPLACEMENT OF THE EXPANSION AND CONSTRUCTION JOINTS. CLASS C DECK REPAIR INCLUDES APPROXIMATELY 58.4 C.Y. FOR PHASE I AND 58.4 C.Y. FOR PHASE II OF CLASS AA CONCRETE AND 11,590 LBS. FOR PHASE I AND 11,440 LBS. FOR PHASE II OF PLAIN REINFORCING.
- (BR-14) ITEM "REPAIR BRIDGE ITEMS" CONSISTS OF REPAIRING UNSOUND CONCRETE IN THE PIERS AND ABUTMENTS OF THE EXISTING BRIDGE AS DESCRIBED HERE. PRIOR TO REPAIRING AN AREA, ENSURE THAT ALL UNSOUND CONCRETE HAS BEEN REMOVED FROM THE AREA AND THE NEWLY EXPOSED SURFACE HAS BEEN PREPARED AS DESCRIBED IN THE GENERAL NOTE "REMOVAL OF CONCRETE FOR REPAIRS". REPAIR ANY DETERIORATED REINFORCING STEEL BARS AS DESCRIBED IN THE GENERAL NOTE "REPAIR EXISTING REINFORCING STEEL" AND APPLY CORROSION INHIBITOR TO THE REPAIR AREAS AS SHOWN ON THE PLANS.
 THE REMOVED CONCRETE SHALL BE REPLACED WITH ONE OF THE MATERIALS SPECIFIED IN SECTION 701 OF THE STANDARD SPECIFICATIONS.
 ALTERNATELY, THE REMOVED CONCRETE MAY BE REPLACED WITH ONE OF THE FOLLOWING COMMERCIALY AVAILABLE SHOTCRETE PRODUCTS USED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND AS APPROVED BY THE ENGINEER:
 1. QUIKRETE SHOTCRETE MS WITH POLYPROPYLENE FIBERS
 2. SIKACEM 103F
 3. SIKACEM 133
 4. SIKACRETE 211 SCC PLUS
 5. BASF MASTEREMACO S 210SP
 6. BASF MASTEREMACO S 211SP
 7. PROSPEC SHOTCRETE 300V
 8. EUCOSHOT F
- (BR-15) ITEM "(SP) CARBON FIBER-REINFORCED POLYMER" CONSISTS OF WRAPPING PRECAST BEAMS AT THE LOCATIONS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER. REMOVE UNSOUND CONCRETE AND REFORM PRECAST BEAM SURFACES BEFORE APPLICATION OF THE CARBON FIBER-REINFORCED POLYMER WRAP. APPLY CARBON FIBER-REINFORCED POLYMER IN ACCORDANCE WITH THE SPECIAL PROVISION FOR "FIBER REINFORCED POLYMER MATERIAL". ALL COSTS FOR COMPLETING THE WORK AS SPECIFIED, INCLUDING LABOR, MATERIALS AND INCIDENTALS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF "(SP) CARBON FIBER-REINFORCED POLYMER". THE QUANTITY SHOWN IS FOR THE BEAM SURFACE COVERED BY THREE LAYERS.

- (BR-16) ITEM "(SP) CORROSION INHIBITOR (SURFACE APPLIED)" CONSISTS OF APPLYING A CORROSION INHIBITOR TO PRECAST BEAMS AT LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. APPLY CORROSION INHIBITOR IN ACCORDANCE WITH THE SPECIAL PROVISION FOR "CORROSION INHIBITOR (SURFACE APPLIED)".
- (BR-17) ITEM "REMOVAL OF EXISTING PARAPET" CONSISTS OF REMOVING AND DISPOSING OF 2'-0" OF THE EXISTING SLOPED FACE PARAPET EACH SIDE OF CENTERLINE PIERS FOR EXPANSION AND CONSTRUCTION JOINT REPLACEMENT IN ACCORDANCE WITH SUBSECTION 619.04.B OF THE SPECIFICATIONS AND IN A MANNER APPROVED BY THE ENGINEER. ALL REMOVED MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
- (BR-18) ITEM "REMOVAL OF BRIDGE ITEM (TYPE A)" CONSISTS OF REMOVING AND DISPOSING OF EXISTING FIXED AND EXPANSION BEARINGS AT EACH PIER AND ABUTMENT IN ACCORDANCE WITH SUBSECTION 619.04.B OF THE SPECIFICATIONS AND IN A MANNER APPROVED BY THE ENGINEER. ALL REMOVED MATERIALS SHALL BECOME THE PROPERTY OF O.D.O.T. AND STORED ON SITE.
- (BR-19) ITEM "RAPID CURE JOINT SEALANT" IS BEING USED TO REPAIR SIDEWALK EXPANSION JOINTS AT EACH EXPANSION PIER.
- (BR-20) ITEM "SEALER CRACK PREPARATION" IS BEING USED FOR SEALING THE LONGITUDINAL CONSTRUCTION JOINT BETWEEN PHASES I AND II DECK REPAIR AT EACH PIER, LONGITUDINAL CONSTRUCTION JOINT BETWEEN NEW DECK AND SIDEWALK AT EACH PIER, THE TRANSVERSE JOINTS EITHER SIDE OF EACH PIER BETWEEN NEW AND EXISTING CONCRETE, AND AT CONSTRUCTION JOINT AT C OF EACH FIXED PIER.
- (BR-21) QUANTITY SHOWN FOR STRUCTURAL STEEL INCLUDES EXPANSION JOINT ANCHOR PLATES AND WEDGE ANCHORS.

J.P. NO. 31358(04) 0200 BRIDGE		PAY QUANTITIES		NBI NO. 19511	
ITEM NO.	ITEM	UNIT	TOTAL		
501(G)	6309 CLSM BACKFILL	(BR-1) C.Y.	115		
502	6116 (PL) FALSEWORK JACKING	(BR-2) L.SUM	1		
504(A)	1304 APPROACH SLAB	(BR-3,BR-4) S.Y.	171.2		
504(C)	6250 SEALED EXPANSION JOINT	(BR-1) L.F.	542.8		
504(E)	1381 CONCRETE PARAPET	(BR-1) L.F.	192		
504(G)	6390 RAPID CURE JOINT SEALANT	(BR-1,BR-19) L.F.	186.5		
506(A)	1322 STRUCTURAL STEEL	(BR-1,BR-21) LB.	1,600		
507(A)	6172 WEATHERING STEEL FIXED BEARING ASSEMBLY	(BR-1,BR-5) EA.	150		
507(B)	6176 WEATHERING STEEL EXPANSION BEARING ASSEMBLY	(BR-1,BR-6) EA.	150		
509	6152 SPECIAL CONCRETE FINISH	(BR-1,BR-7) S.Y.	792		
511	6306 MECHANICAL SPLICES	(BR-1) EA.	520		
513(B)	6019 CLASS B BRIDGE DECK REPAIR	(BR-12) S.Y.	18.2		
513(C)	6020 CLASS C BRIDGE DECK REPAIR	(BR-13) S.Y.	466.6		
515(A)	6013 WATER REPELLENT (VISUALLY INSPECTED)	(BR-1) S.Y.	8,975		
520(A)	6058 PREPARATION OF CRACKS, ABOVE WATER	(BR-8) L.F.	49		
520(C)	6060 EPOXY RESIN, ABOVE WATER	(BR-9) GAL.	4		
521(A)	6210 PNEUMATICALLY PLACED MORTAR	(BR-8,BR-11) S.Y.	55.8		
523(A)	6550 SEALER CRACK PREPARATION	(BR-1,BR-20) L.F.	2,384.1		
523(B)	6560 SEALER RESIN	(BR-1,BR-10) GAL.	27		
523(C)	6570 DECK AREA SEALED (FLOOD COATS)	(BR-1) S.Y.	11,028		
524(A)	6610 (SP) CARBON FIBER-REINFORCED POLYMER	(BR-15) S.F.	5,131		
535	6130 (SP) CORROSION INHIBITOR (SURFACE APPLIED)	(BR-16) S.Y.	570		
540	4501 (PL) REPAIR BRIDGE ITEMS	(BR-14) S.Y.	321.9		
619(B)	2510 REMOVAL OF BRIDGE ITEM (TYPE A)	(BR-18) L.SUM	1		
619(B)	6252 REMOVAL OF EXISTING PARAPET	(BR-17) L.F.	192		

J.P. NO. 31358(04) 0640 CONSTRUCTION		PAY QUANTITIES	
ITEM NO.	ITEM	UNIT	TOTAL
641	1399 MOBILIZATION	L.SUM	1

SH 51 NB OVER ARKANSAS RIVER		TULSA COUNTY	
SUMMARY OF PAY QUANTITIES BRIDGE		Design	ADT
		Detail	FEZ
		Check	ADT
STATE OF OKLAHOMA		WHITE ENGINEERING ASSOCIATES	
		DEPARTMENT OF TRANSPORTATION	
JOB PIECE NO. 31358(04)		SHEET NO. 3	

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