

REVISIONS		
REV. NO.	DESCRIPTION	DATE
1	REVISED PAY ITEM NUMBER	08-31-17

PAY ITEM NOTES

- (1) COST TO INCLUDE 50.0 C.Y. EXCAVATION FOR CONSTRUCTION OF GUARDRAIL WIDENING.
- (2) CLEARING AND GRUBBING INCLUDES AREA UNDER THE BRIDGE BEGINNING 10' BEYOND OUTSIDE BEAM ON EAST SIDE OF BRIDGE AND CONTINUING WEST TO EXISTING SOUTHBOUND BRIDGE. TRIM TO WITHIN 2" OF THE GROUND AND APPLY STUMP KILLER WITH A BRUSH.
- (3) THIS ITEM IS AN ESTIMATED QUANTITY TO BE USED AS DEEMED NECESSARY BY THE ENGINEER.
- (4) THE CONTRACTOR SHALL STRIPE THE ROADWAY AND BRIDGE FOR TRAFFIC TO MATCH THE ORIGINAL STRIPE LOCATIONS. ADD MULTI-POLYMER BLACK STRIPING TO FINAL STRIPING ON CONCRETE BRIDGE DECK ONLY.
- (5) EXISTING PAVEMENT MARKINGS SHALL BE REMOVED WHEN IN CONFLICT WITH TEMPORARY PAVEMENT MARKINGS AND ALL TEMPORARY PAVEMENT MARKINGS SHALL BE REMOVED PRIOR TO THE INSTALLATION OF FINAL STRIPING. ALL COSTS FOR REMOVAL OF EXISTING PAVEMENT MARKINGS, INSTALLATION AND REMOVAL OF TEMPORARY PAVEMENT MARKINGS INCLUDED IN CONTRACT UNIT PRICE OF "CONSTRUCTION TRAFFIC CONTROL."
- (6) CHANGEABLE MESSAGE SIGN SHOULD BE IN PLACE 7 DAYS IN ADVANCE OF BEGIN OF WORK.
- (7) TRANSITION TO STANDARD 31" W-BEAM.

ROADWAY NOTES

- (R-7) FOR SOLID SLAB SODDING, PRICE BID TO INCLUDE COST OF 10-20-10 FERTILIZER, ESTIMATED AT 200 POUNDS PER 1000 SQUARE YARDS.
- (R-8) FOR SOLID SLAB SODDING, PRICE BID TO INCLUDE COST OF WATERING, ESTIMATED AT 80 GALLONS PER SQ. YD.
- (R-30) PRICE BID TO INCLUDE COST OF 165 GALLONS OF TACK COAT AND 20 GALLONS OF PRIME COAT, MEETING THE REQUIREMENTS OF SECTION 407 OF THE STANDARD SPECIFICATIONS.
- (R-32) ESTIMATED AT 112 LBS. PER SQ. YD. PER 1" THICK.
- (R-34) PRICE BID TO INCLUDE COST OF FOG SEAL, MEETING THE REQUIREMENTS OF SECTION 407 OF THE STANDARD SPECIFICATIONS.
- (R-49) TO BECOME THE PROPERTY OF AND BE DISPOSED OF BY THE CONTRACTOR IN A MANNER APPROVED BY THE ENGINEER.

TRAFFIC NOTES

- (TC-1) THE CONTRACTOR SHALL FURNISH AND INSTALL SUCH LIGHTS, SIGNS, BARRICADES, AND PROVIDE FLAGGERS NECESSARY FOR THE CONTROL, SAFETY, AND MAINTENANCE OF TRAFFIC WHEN INSTALLING, RELOCATING OR DELIVERING PORTABLE LONGITUDINAL BARRIER.
- (TC-2) QUANTITY INCLUDES SUFFICIENT LENGTH OF PORTABLE LONGITUDINAL BARRIER TO PROVIDE FOR THE LONGEST SECTION SHOWN ON THE PLANS. THIS SAME BARRIER WILL BE USED ON OTHER DETOUR PHASES.
- (TC-22) AMOUNT SHOWN IS AN APPROXIMATION AND THE ACTUAL AMOUNT OF REMOVAL, IF NECESSARY, SHALL BE DETERMINED BY THE ENGINEER. PRICE BID FOR PAVEMENT MARKING REMOVAL SHALL INCLUDE THE COST OF REMOVING STRIPE, ARROWS, WORDS AND SYMBOLS, AS SHOWN IN THE PLANS. THESE ITEMS MAY CONSIST OF PLASTIC, PAINT OR NON-REMOVABLE MARKING TAPE.
- (TC-25) ALL CONSTRUCTION TRAFFIC CONTROL WILL BE IMPLEMENTED ACCORDING TO CONSTRUCTION PLANS, AND INSTALLED IN A MANNER APPROVED BY THE ENGINEER, IN ACCORDANCE WITH CHAPTER VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, (CURRENT EDITION), AND COMPLIANT WITH APPLICABLE O.D.O.T. STANDARD DRAWINGS. PRICE BID FOR THIS ITEM SHALL BE PAYMENT IN FULL FOR THE INSTALLATION, MAINTENANCE AND SUBSEQUENT REMOVAL OF ALL NECESSARY CONSTRUCTION TRAFFIC CONTROL DEVICES AND PAVEMENT MARKINGS REQUIRED FOR COMPLETION OF THE PROJECT.

ALL SIGNS AND BARRICADES, WHICH ARE SHOWN WITH TYPE "A" LIGHTS IN THE STANDARD DRAWINGS SHALL HAVE THE CORRESPONDING LIGHT ATTACHED DURING NON-DAYLIGHT HOURS.

- (TC-52) ANY USED TRUCK MOUNTED ATTENUATOR, CHANGEABLE MESSAGE SIGN, CONSTRUCTION ZONE IMPACT ATTENUATOR TO BE PLACED ON THIS PROJECT SHALL BE SUBJECT TO INSPECTION AND APPROVAL, BY THE OKLAHOMA DEPARTMENT OF TRANSPORTATION, TO ASSURE THAT THEY ARE IN GOOD WORKING CONDITION, PRIOR TO PLACEMENT ON THE PROJECT.
- (TC-61) ANY DAMAGE TO A FINISHED OR EXISTING SURFACE RESULTING FROM THE CONTRACTORS NEGLIGENCE IN THE REMOVAL OF CONSTRUCTION ZONE PAVEMENT MARKERS OR CHANNELIZING DEVICES AND THE BITUMINOUS ADHESIVE USED IN THEIR INSTALLATION, SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE ENGINEER.
- (TC-70) THIS ITEM IS AN ESTIMATED QUANTITY TO BE USED AS DEEMED NECESSARY BY THE ENGINEER.
- (TC-75) TEMPORARY PAVEMENT MARKINGS SHALL BE IN PLACE THE SAME DAY THAT EXISTING PAVEMENT MARKINGS ARE REMOVED FROM ANY ROADWAY OPEN TO TRAFFIC. ALSO, ALL TEMPORARY PAVEMENT MARKINGS SHALL BE REMOVED PRIOR TO THE INSTALLATION OF FINAL STRIPING.
- (TC-76) ANY TRUCK MOUNTED ATTENUATOR USED ON THIS PROJECT SHALL HAVE PASSED ALL MANDATORY AND OPTIONAL TESTS LISTED IN NCHRP 350, TL-3 CRITERIA. THIS ITEM IS TO BE USED WHERE SHOWN IN THE STANDARD DRAWINGS OR AT THE DISCRETION OF THE ENGINEER ON SHADOW VEHICLES PROTECTING THE WORK AREAS AND TEMPORARY ROADSIDE HAZARDS.
- (TC-80) INCLUDED IN THIS ITEM SHALL BE ONE (1) ADDITIONAL UNIT TO BE USED AS A STAND-BY OR REPLACEMENT. THIS STAND-BY UNIT SHALL BE IMMEDIATELY ACCESSIBLE TO REPLACE A DAMAGED, STOLEN OR MALFUNCTIONING UNIT. THE AMOUNT OF TIME BETWEEN THE REMOVAL OF THE DAMAGED UNIT AND THE INSTALLATION OF THE STAND-BY UNIT SHALL BE NO MORE THAN TWENTY-FOUR (24) HOURS.
- (TC-84) 120 CONSTRUCTION CALENDAR DAYS WERE USED TO COMPUTE THE SIGN DAY PAY ITEMS. THE AMOUNT OF CALENDAR DAYS USED TO COMPUTE THE SIGN DAY PAY ITEMS IS AN ESTIMATED QUANTITY ONLY, BASED ON THE CURRENT O.D.O.T. STANDARDS AND SUGGESTED CONSTRUCTION SEQUENCE FOR THIS PROJECT. THESE ESTIMATED SIGN DAY QUANTITIES MAY CHANGE AS THE PROJECT'S CONSTRUCTION TRAFFIC CONTROL IS MODIFIED DURING CONSTRUCTION.
- (TC-85) THESE SIGNS MUST BE ON THE OKLAHOMA DEPARTMENT OF TRANSPORTATION LIST OF APPROVED CHANGEABLE MESSAGE SIGNS. FOR A LIST OF THE APPROVED SIGNS GO TO THE OKLAHOMA DEPARTMENT OF TRANSPORTATION WEBSITE AT:
<http://www.okladot.state.ok.us/traffic/qpl/index.php>
- (TS-25) QUANTITY SHOWN INCLUDES 5,902 L.F. TRAFFIC STRIPE (MULTI-POLYMER) (WHITE), 564 L.F. TRAFFIC STRIPE (MULTI-POLYMER) (BLACK) AND 4,545 L.F. TRAFFIC STRIPE (MULTI-POLYMER) (YELLOW) WILL BE MEASURED BY THE LINEAR FOOT OF SIX INCH (6") WIDE TRAFFIC STRIPE.
- (TP-20) PRICE BID FOR THIS ITEM SHALL INCLUDE THE FILLING AND TAMPING OF HOLES LEFT AFTER THE REMOVAL OF THE POSTS DURING THE GUARDRAIL REMOVAL OPERATION. THIS WORK SHALL BE PERFORMED IN AN MANNER APPROVED BY THE ENGINEER.
- (TP-25) NO RAW GUARDRAIL ENDS SHALL BE LEFT EXPOSED TO TRAFFIC DURING NONWORKING HOURS.

J.P. NO. 31358(04) 0100 ROADWAY				
PAY QUANTITIES				
ITEM NO.		ITEM	UNIT	TOTAL
201(A)	0102	CLEARING AND GRUBBING (1,2)(R-49)	L.SUM	1
221(C)	2801	TEMPORARY SILT FENCE (3)	L.F.	300
221(F)	0100	TEMPORARY SILT DIKE (3)	L.F.	20
230(A)	2806	SOLID SLAB SODDING (3)(R-7,R-8)	S.Y.	720
411(C)	5955	SUPERPAVE, TYPE S4 (PG 70-28 OK) (R-30,R-32)	TON	202.4
412	5267	COLD MILLING PAVEMENT (R-34,R-49)	S.Y.	1,105
619(B)	4780	REMOVAL OF GUARDRAIL (R-49)(TP-20,TP-25)	L.F.	645
623(A)	0932	BEAM GUARDRAIL W-BEAM SINGLE	L.F.	555
623(F)	8300	GUARDRAIL TRAIL END TURNDOWN (31")	EA.	1
623(F)	5686	GUARDRAIL ANCHOR UNIT (TYPE D-BF) (7)	EA.	3

J.P. NO. 31358(04) 0300 TRAFFIC				
PAY QUANTITIES				
ITEM NO.		ITEM	UNIT	TOTAL
856(A)	8535	TRAFFIC STRIPE (MULTI-POLY)(6" WIDE) (4)(TS-25)	L.F.	11,011
857(F)	8006	PAVEMENT MARKING REMOVAL (TRAFFIC STRIPE) (TC-22,61,70,75)	L.F.	11,011
871(B)	8705	(SP) CONST. ZONE IMPACT ATTEN. (TC-52,TC-80,TC-84)	S.D.	60
876(A)	8482	(PL) TRUCK MOUNTED ATTENUATOR (TC-52,TC-76,TC-84)	S.D.	60
877(B)	8484	DELIVER PORTABLE LONGITUDINAL BARRIER (TC-1,TC-2)	L.F.	2,587.5
877(C)	8486	RELOCATION OF PORTABLE LONGITUDINAL BARRIER (TC-1)	L.F.	2,325.0
880(J)	8905	CONSTRUCTION TRAFFIC CONTROL (5)(TC-25,TC-75)	L.SUM	1
882(A)	8306	PORT. CHANGEABLE MESSAGE SIGN (6)(TC-52,TC-84,TC-85)	S.D.	127



SH 51 NB OVER ARKANSAS RIVER		TULSA COUNTY		Design	DMH
SUMMARY OF PAY QUANTITIES ROADWAY AND TRAFFIC		Detail	FEZ		
		Check	JLC		
		WHITE ENGINEERING ASSOCIATES			
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION			
		JOB PIECE NO. 31358(04)		SHEET NO. 4	