

REVISIONS		
REV. NO.	DESCRIPTION	DATE

ENVIRONMENTAL NOTES

CLIFF SWALLOWS:

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. ANY ACTIVITIES WHICH WOULD DESTROY ACTIVE NESTS OR HARM EGGS OR BIRDS WOULD VIOLATE THE MIGRATORY BIRD TREATY ACT. SWALLOW USE OF BRIDGE NBI NO. 05047 WAS NOT OBSERVED DURING THE INITIAL SURVEYS CONDUCTED AS PART OF THE BIOLOGICAL STUDIES IN FEBRUARY 2011. SWALLOWS MAY OCCUPY THE BRIDGE IN THE FUTURE NESTING SEASONS. 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.

POSSIBLE HYDROCARBON CONTAMINATION:

LAT/LON	STATION EXTENTS	FACILITY
35.8802, -97.4334	APPROX 1539+00 TO 1540+25 LT	FRMR AUTO REPAIR/CAR WASH
35.8800, -97.4325	APPROX 1541+50 TO 1543+00 RT	FRMR MAVERIC MINI MART

HYDROCARBON CONTAMINATION MAY EXIST AT OR NEAR THE REFERENCED STATION EXTENTS. BASED ON THE AVAILABLE INFORMATION, CONTAMINATION IS NOT EXPECTED TO AFFECT CONSTRUCTION ACTIVITIES, BUT IS STILL POSSIBLE. IN THE EVENT CONTAMINATED SOIL OR GROUNDWATER IS ENCOUNTERED, THE CONTRACTOR SHALL ADHERE TO ODOT'S HAZARDOUS MATERIALS SPECIFICATION 107.15 AND NOTIFY THE RESIDENT ENGINEER, WHO MAY THEN CONTACT THE ENVIRONMENTAL PROGRAMS DIVISION AT (405) 521-3050 FOR ASSISTANCE"

21860(04) PAY QUANTITIES				
0600		STAKING		
ITEM		DESCRIPTION	UNIT	QUANTITY
642(B)	0096	CONSTRUCTION STAKING LEVEL II	LSUM	1.00

21860(04) PAY QUANTITIES				
0640		CONSTRUCTION		
ITEM		DESCRIPTION	UNIT	QUANTITY
220	2800	SWPPP DOCUMENTATION AND MANAGEMENT	LSUM	1.0
641	1399	MOBILIZATION	LSUM	1.0

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

- ① QUANTITY INCLUDES 765.78 L.F. FOR USE BETWEEN STA. 1555+64.11 AND STA. 1559+47.00 FOR THE CONCRETE PARAPET.
- ② QUANTITY INCLUDES 765.78 L.F. FOR USE BETWEEN STA. 1555+64.11 AND STA. 1559+47.00 FOR THE (PL) CONCRETE PARAPET (HANDRAIL TYPE).
- ③ QUANTITY INCLUDES 329.0 S.F. FOR USE ON THE RETAINING WALL AT THE FUNERAL HOME, WEST OF 1ST STREET. ADDITIONALLY, 10,765.0 S.F. IS TO BE USED ON THE RW-1 AND RW-2 MSE RETAINING WALLS.
- ④ PAYMENT FOR THIS ITEM WILL BE BASED ON THE PLAN QUANTITIES. SEE SUBSECTION 109.01(B) OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION

PROVIDE AND INSTALL HISTORICAL BRIDGE SIGNAGE WITH ARTWORK AS DETAILED IN THE PLANS. THERE IS AN ESTIMATED TOTAL OF 580 LBS OF STRUCTURAL STEEL, 2.0 C.Y. OF CLASS A CONCRETE, AND 260 LBS OF REINFORCING STEEL FOR THE CONSTRUCTION OF THE HISTORICAL BRIDGE SIGNAGE FRAME AND FOUNDATION. INCLUDE ALL COSTS ASSOCIATED WITH PROVIDING AND INSTALLING THE HISTORICAL BRIDGE SIGNAGE AND ARTWORK, INCLUDING ALL MATERIAL, LABOR, EQUIPMENT, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK AS SHOWN IN THE PLANS IN THE CONTRACT UNIT PRICE OF "SPECIAL SIGNS".

21860(04) PAY QUANTITIES				
0200 CONSTRUCT (9)x100'-80'-(2)x100'-75'-130'-80'-115'-100' P.C. BEAM TYPE IV AND J P.C. BEAM WITH 7' SIDEWALKS AND HANDRAILS WITH 52' CLEAR RDY AT CENTERLINE STATION 1546+93.28				
ITEM		DESCRIPTION	UNIT	QUANTITY
501(B)	1307	SUBSTRUCTURE EXCAVATION COMMON	(BR-1) CY	5,190.00
501(G)	6309	CLSM BACKFILL	(BR-1) CY	2,564.90
503(A)	1313	PRESTRESSED CONCRETE BEAMS (TYPE IV)	(BR-1) LF	12,357.34
503(A)	6290	PRESTRESSED CONCRETE BEAMS (TYPE J BT)	(BR-1) LF	1,037.34
504(A)	1304	APPROACH SLAB	(BR-1) SY	466.80
504(B)	1305	SAW-CUT GROOVING	(BR-1) SY	11,959.20
504(C)	6250	SEALED EXPANSION JOINT	(BR-1) LF	270.80
① 504(E)	1381	CONCRETE PARAPET	(BR-1) LF	3,483.34
② 504(E)	6182	(PL)CONCRETE PARAPET (HANDRAIL TYPE)	(BR-1) LF	3,483.27
506(A)	1322	STRUCTURAL STEEL	(BR-1) LBS	36,420.00
507(A)	6170	STAINLESS STEEL FIXED BEARING ASSEMBLY	EA	80.00
507(B)	6174	STAINLESS STEEL EXPANSION BEARING ASSEMBLY	EA	192.00
509(A)	1326	CLASS AA CONCRETE	(BR-1) CY	3,219.50
509(B)	1328	CLASS A CONCRETE	(BR-1) CY	4,305.90
510(A)	6338	TEMPORARY RETAINING WALL	(BR-1) SY	613.00
510(C)	6135	SLOPE WALL (5')	SY	241.00
③ 510(D)	0350	(SP)GRAFFITI TREATMENT	SF	11,094.00
510(D)	6341	MSE RETAINING WALL	(BR-1) SY	895.00
511(B)	6010	EPOXY COATED REINFORCING STEEL	(BR-1) LBS	1,557,490.00
514(A)	6010	PILES, FURNISHED (HP 10X42)	LF	112.00
514(A)	6011	PILES, FURNISHED (HP 12X53)	LF	589.00
514(B)	6292	PILES, DRIVEN (HP 10X42)	LF	112.00
514(B)	6294	PILES, DRIVEN (HP 12X53)	LF	589.00
514(L)	6220	PILE SPLICE, H-PILE (NON-BIDDABLE)	EA	1.00
515(A)	6013	WATER REPELLENT (VISUALLY INSPECTED)	(BR-1) SY	16,170.00
516(A)	6096	DRILLED SHAFTS 60" DIAMETER	LF	2,915.00
516(A)	6098	DRILLED SHAFTS 72" DIAMETER	LF	260.00
516(C)	6200	CROSSHOLE SONIC LOGGING	EA	18.00
523(A)	6550	SEALER CRACK PREPARATION	(BR-1) LF	848.00
523(B)	6560	SEALER RESIN	(BR-1) GAL	5.50
613(H)	6204	6" PERFORATED PIPE UNDERDRAIN ROUND	(BR-1) LF	296.00
613(I)	6207	6" NON-PERF. PIPE UNDERDRAIN ROUND	LF	228.00
619(D)	1397	REMOVAL OF EXISTING BRIDGE STRUCTURE	L SUM	1.00
624(E)	4294	FENCE-STYLE CLF (8' HIGH, CLASS A)	LF	225.84
④ 850(D)	8121	SPECIAL SIGNS	EA	1.00

BRIDGE "A"		LOGAN COUNTY		Design	GT	11/15
SH-33 OVER COTTONWOOD CREEK				Detail	MAP	11/15
GENERAL NOTES AND SUMMARY OF PAY QUANTITIES (BRIDGE) (SHEET 3 OF 4)				Check		
				Squad:	PEARSON	
				Engr.:	HERNANDEZ	
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION		JOB/PIECE NO. 21860(04)		SHEET NO. AB03