

PAY ITEM NOTES CONT.

REVISIONS		
REV. NO.	DESCRIPTION	DATE
△	REVISE NOTES	8/8/16

(7) REMOVAL OF BRIDGE ITEMS:

THE PAY ITEM "REMOVAL OF BRIDGE ITEMS" SHALL INCLUDE THE REMOVAL AND DISPOSAL OF THE FOLLOWING ITEMS FROM THE EXISTING BRIDGE:

- (1) BRIDGE TRAFFIC RAIL (GUARDRAIL AND POSTS) ON THE BRIDGE.
- (2) CONCRETE CURBS, SIDEWALKS AND DECK SLAB WITH EXISTING ASPHALT OVERLAY.
- (3) EXISTING APPROACH SLABS, DRAINS, AND OUTLET PIPES AT THE ENDS OF THE BRIDGE.
- (4) DRAIN CONDUITS AND EXPANSION JOINT HARDWARE AND MATERIAL.
- (5) PORTIONS OF ABUTMENTS OTHER THAN EXISTING VERTICAL STEEL AS SHOWN IN THE PLANS.
- (6) PORTIONS OF PIERS OTHER THAN EXISTING VERTICAL STEEL AS SHOWN IN THE PLANS.
- (7) ALL EXISTING STEEL BEAMS, DIAPHRAGMS AND DIAPHRAGM CONNECTIONS.
- (8) ALL BEARING ASSEMBLIES INCLUDING ANY ANCHOR BOLTS AT ABUTMENTS AND PIERS.

THE CONTRACTOR SHALL FULLY INFORM HIMSELF OF THE NATURE OF THIS REMOVAL TO ALLOW FOR AN ACCURATE ESTIMATE.

THE EXISTING STRUCTURAL STEEL IS PAINTED WITH LEAD-BASED PAINT. THE CONTRACTOR MUST TAKE ALL NECESSARY PRECAUTIONS AND FOLLOW ALL NECESSARY REGULATIONS IN HANDLING AND TRANSPORTING ANY STRUCTURAL STEEL CONTAINING LEAD-BASED PAINT.

WHEN MAKING REMOVALS AT THE ABUTMENTS AND PIERS, ONLY HAND TOOLS OR HAND OPERATED POWER TOOLS WILL BE ALLOWED TO MAKE THE REMOVALS. NO VEHICLE MOUNTED TOOLS OR EQUIPMENT WILL BE ALLOWED TO MAKE THE REMOVALS. BEFORE MAKING ANY REMOVALS WITH IMPACT TOOLS, ALL CONCRETE COMPONENTS SHALL BE UNIFORMLY SAW CUT ALONG THE REMOVAL LINES OR CUT LINES SHOWN IN PLANS.

THE REMOVAL OF THE TOP OF ABUTMENTS AND PIERS AS SHOWN IN THE PLANS WILL LEAVE ONLY THE EXISTING VERTICAL REINFORCING WHICH WILL BE CLEANED AND STRAIGHTENED.

WHEN REMOVING THE PORTIONS OF THE EXISTING ABUTMENTS AND PIERS AS SHOWN IN THE PLANS, THE CONTRACTOR SHALL TAKE EVERY PRECAUTION NECESSARY TO PREVENT DAMAGING THE REMAINING COMPONENTS OF THE EXISTING BRIDGE OR ANY NEW CONSTRUCTION ATTACHED TO THE BRIDGE. ANY DAMAGES CAUSED BY THE CONTRACTOR TO EXISTING ABUTMENTS AND PIERS SHALL BE REPAIRED OR COMPLETELY REPLACED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER. THE ENGINEER WILL DETERMINE IF THE DAMAGED COMPONENT CAN BE SATISFACTORILY REPAIRED OR IF THE COMPONENT SHALL BE COMPLETELY REPLACED.

BEFORE MAKING ANY REMOVALS, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A PLAN FOR REMOVING EACH ITEM OR PORTIONS OF ITEMS TO BE REMOVED FROM THE EXISTING BRIDGE. THE CONTRACTOR SHALL NOT MAKE ANY REMOVALS UNTIL THE PLAN HAS BEEN APPROVED BY THE ENGINEER. THE PLAN SHALL INCLUDE A LIST OF ALL EQUIPMENT THAT WILL BE USED TO MAKE THE REMOVALS. A DESCRIPTION OF HOW THE EQUIPMENT WILL BE USED TO MAKE THE REMOVALS AND A SEQUENTIAL LIST OF STEPS THAT WILL BE FOLLOWED BY THE CONTRACTOR TO MAKE THE REMOVALS. ALL MATERIALS REMOVED FROM THE EXISTING BRIDGE SHALL BE PREVENTED FROM ENTERING THE WATER AND LOWER BANK AREA OF THE CHANNEL. ALL EXPANSION AND FIXED SHOE-TYPE BEARINGS SHALL BECOME PROPERTY OF ODOT AND SHALL BE STORED ALONG THE RIGHT-OF-WAY. ALL ADDITIONAL STRUCTURES AND CONCRETE RUBBLE MATERIALS REMOVED FROM THE EXISTING BRIDGE SHALL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN ACCORDANCE WITH SECTION 619 OF THE STANDARD SPECIFICATION AND IN A MANNER APPROVED 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, CONTAINMENT, REMOVAL AND TRANSIT OF DEBRIS, MATERIAL, LABOR, EQUIPMENT AND INCIDENTALS SHALL BE INCLUDED IN THE UNIT PRICE BID PER LUMP SUM OF "REMOVAL OF BRIDGE ITEMS".

ENVIRONMENTAL MITIGATION NOTES:

LEAKING UNDERGROUND STORAGE TANK (LUST):

LATITUDE/LONGITUDE	OCC FACILITY NO. /CASE NO.	FACILITY
34.0070, -96.3726	07-10042/064-0192	FORMER HONK-N-HOLLAR

PETROLEUM CONTAMINATION MAY EXIST AT OR NEAR THE REFERENCED LEAKING UNDERGROUND STORAGE TANK (LUST) SITES. 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)521-3026 FOR ASSISTANCE.

△ AMERICAN BURYING BEETLE (ABB):

THE AMERICAN BURYING BEETLE IS A LARGE CARRION BURYING BEETLE THAT IS LISTED AS ENDANGERED UNDER THE ENDANGERED SPECIES ACT. IN ORDER TO AVOID ADVERSE IMPACTS, NO ARTIFICIAL LIGHTING SHALL BE USED DURING CONSTRUCTION. CARCASSES AND ALL FOOD TRASH SHALL BE REMOVED FROM THE PERMANENT AND TEMPORARY RIGHT-OF-WAY THROUGHOUT PROJECT ACTIVITIES.

△ MIGRATORY BIRD:

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 BIRD USE OF BRIDGE NBI NO. 05487 HAS BEEN OBSERVED DURING THE INITIAL SURVEY CONDUCTED AS PART OF THE BIOLOGICAL STUDIES IN 2016. MIGRATORY BIRDS MAY OCCUPY THIS STRUCTURE 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.

PAY QUANTITIES					
0200 BRIDGE 'A' - SH-78 OVER CHUCKWA CREEK					
ITEM		DESCRIPTION		UNIT	QUANTITY
501(B)	1307	SUBSTRUCTURE EXCAVATION COMMON	(BR-1)	CY	515.00
501(G)	6309	CLSM BACKFILL	(BR-1)	CY	474.20
504(A)	1304	APPROACH SLAB	(1) (BR-1)	SY	281.20
504(B)	1305	SAW-CUT GROOVING	(BR-1)	SY	698.10
504(C)	6250	SEALED EXPANSION JOINT	(2) (BR-1)	LF	98.48
504(D)	6245	CONCRETE RAIL (TR4)	(BR-1)	LF	364.40
506(A)	4050	STRUCTURAL STEEL M270 GRADE 50W	(3) (BR-1)	LB	92,610.00
507(A)	6170	STAINLESS STEEL FIXED BEARING ASSEMBLY	(4) (BR-1)	EA	24.00
507(B)	6174	STAINLESS STEEL EXP. BEARING ASSEMBLY	(5) (BR-1)	EA	24.00
509(A)	1326	CLASS AA CONCRETE	(BR-1)	CY	132.20
509(B)	1328	CLASS A CONCRETE	(BR-1)	CY	192.20
509(D)	1331	CLASS C CONCRETE	(6) (BR-1)	CY	8.80
511(A)	1332	REINFORCING STEEL	(BR-1)	LB	410.00
511(B)	6010	EPOXY COATED REINFORCING STEEL	(BR-1)	LB	61,010.00
515(A)	6013	WATER REPELLENT (VISUALLY INSPECTED)	(BR-1)	SY	504.00
516(A)	6089	DRILLED SHAFTS 18" DIAMETER	(BR-1)	LF	114.00
516(A)	6091	DRILLED SHAFTS 30" DIAMETER	(BR-1)	LF	106.00
516(A)	6094	DRILLED SHAFTS 48" DIAMETER	(BR-1)	LF	60.00
516(C)	6200	CROSSHOLE SONIC LOGGING	(BR-2)	EA	2.00
601(B)	1353	TYPE I-A PLAIN RIPRAP		TON	570.00
601(C)	1355	TYPE I-A FILTER BLANKET		TON	110.00
619(B)	2500	REMOVAL OF BRIDGE ITEMS	(7) (BR-1)	LSUM	1.00

PAY QUANTITIES					
0600 STAKING					
ITEM		DESCRIPTION		UNIT	QUANTITY
642(B)	0096	CONSTRUCTION STAKING LEVEL II	(S-1)	LSUM	1.00

PAY QUANTITIES					
0640 CONSTRUCTION					
ITEM		DESCRIPTION		UNIT	QUANTITY
640(A)	1398	FIELD OFFICE		EA	1.00
641	1399	MOBILIZATION		LSUM	1.00

(BR-1):

PAYMENT FOR THIS ITEM WILL BE BASED ON PLAN QUANTITIES ONLY. SEE SECTION 109.01B OF THE STANDARD SPECIFICATION.

(BR-2):

REFER TO DRILLED SHAFT FOUNDATION SPECIAL PROVISION 516-3 PROVIDED IN THE CONTRACT DOCUMENTS AND SEE SUBSTRUCTURE DETAIL SHEETS FOR SHAFT INSPECTIONS DEVISE (SID) LOCATIONS AND DETAILS. NOT REQUIRED FOR 18" DRILLED SHAFTS IN WINGS.

(S-1):

ESTABLISHMENT OF HORIZONTAL AND VERTICAL CONTROL INCLUDES STAKING OF PRESENT AND NEW RIGHT-OF-WAY, CENTERLINE OF SURVEY, AND CENTERLINE OF DETOUR, BENCHMARKS, ORIGINAL, AND FINAL CROSS SECTIONS WITH VOLUME REPORTS/COMPUTATIONS FOR THE ROADWAY AND ALL OTHER EARTHWORK CONSTRUCTION FEATURES AS DETERMINED BY THE ENGINEER

BRIDGE "A"		BRYAN COUNTY		Design	N/A	N/A
SH-78 OVER CHUCKWA CREEK				Detail	TEE	9/15
GENERAL NOTES & SUMMARY OF PAY QUANTITIES (BRIDGE) (SHEET 2 OF 2)				Check	RAH	12/15
				Squad	DEFRANCO	
				Engr.	HENSLEY	
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION			JOB/PIECE NO. 27912(04)	
				SHEET NO. AB02		