

REVISIONS		
REV. NO.	DESCRIPTION	DATE
△	ADD ENVIRO NOTES	8/14/17

GENERAL NOTES

SPECIFICATIONS:

COMPLY WITH THE REQUIREMENTS OF THE 2009 STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, EXCEPT AS MODIFIED BY THE PLANS AND SPECIAL PROVISIONS.

PLANS:

CONSTRUCTION PLANS FOR THE EXISTING STRUCTURES MAY BE OBTAINED FROM OFFICE SERVICES DIVISION OF THE OKLAHOMA DEPARTMENT OF TRANSPORTATION.

OFFICE SERVICES DIVISION
OKLAHOMA DEPARTMENT OF TRANSPORTATION
200 NE 21ST STREET
OKLAHOMA CITY, OKLAHOMA 73105

ASK FOR:
BRIDGE "A": FAP-STPY-173B(019), SH-51 EASTBOUND OVER VERDIGRIS RIVER IN WAGONER COUNTY
BRIDGE "B": SBR-173C(139)SB, SH-16 OVER VERDIGRIS RIVER IN WAGONER COUNTY
BRIDGE "C": FAP-NHY-13N(022), US-69 OVER SH-9 IN MCINTOSH COUNTY
BRIDGE "D": SBR-168C(210)SB, SH-10 OVER DEEP BRANCH CREEK IN SEQUOYAH COUNTY
BRIDGE "E": FAP-BRF-329(54), US-59 OVER BARREN FORK CREEK IN ADAIR COUNTY

VERIFICATION OF EXISTING CONDITIONS:

ALL DIMENSIONS OF THE EXISTING BRIDGE COMPONENTS SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS NECESSARY TO CONSTRUCT THE NEW MATERIAL AND SHALL BE SOLELY RESPONSIBLE FOR THE ACCURACY THEREOF.

BIDDERS SHALL FULLY INFORM THEMSELVES OF THE NATURE OF THE WORK AND CONDITIONS UNDER WHICH IT WILL BE PERFORMED. THE CONTRACTOR SHALL ADOPT METHODS CONSISTENT WITH GOOD CONSTRUCTION PRACTICE AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT DAMAGE TO ANY EXISTING BRIDGE STRUCTURE OR ROADWAY. ANY DAMAGE TO THE BRIDGE STRUCTURE OR ROADWAY DUE TO THE CONTRACTOR'S NEGLIGENCE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE, TO THE SATISFACTION OF THE ENGINEER.

REMOVED MATERIAL:

ALL MATERIAL AND DEBRIS REMOVED DURING THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN A MANNER APPROVED BY THE ENGINEER.

CLEANING BRIDGE SEATS AND PIER CAPS:

ALL BRIDGE SEATS AND PIER CAPS SHALL BE SWEEPED CLEAN OF ALL DEBRIS. ALL COSTS FOR CLEANING THE BRIDGE SEATS AND PIER CAPS SHALL BE PAID FOR IN OTHER ITEMS OF WORK.

LANE CLOSURE:

THE ENGINEER RESERVES THE RIGHT TO PROHIBIT LANE CLOSURES DURING HOLIDAYS OR SPECIAL EVENTS.

CLEANING OF DECK DRAINS AND DRAINS AT END OF BRIDGE:

ALL PARAPET/RAIL OPENINGS, DECK DRAINS AND DRAINS AT THE ENDS OF BRIDGE SHALL BE CHECKED FOR FUNCTIONALITY AND CLEARED OF ALL DEBRIS AS NEEDED TO ENSURE THAT WATER DRAINS FROM THE BRIDGE NORMALLY. THE METHOD FOR CLEANING THE DRAINS SHALL BE APPROVED BY THE ENGINEER AND SHALL BE PAID FOR IN OTHER ITEMS OF WORK.

GOOD-HOUSEKEEPING REQUIREMENT:

MATERIAL STORAGE, CHEMICAL STORAGE, TRASH, SANITARY FACILITIES, ETC. SHOULD BE LOCATED NO CLOSER THAN 50 FEET FROM THE BANK OF ANY WATERS IN ORDER TO PROTECT WATER QUALITY. DEBRIS SHALL NOT BE BURIED WITHIN LIMITS OF RIGHT-OF-WAY.

PAY ITEM NOTES

(1) DECK AREA SEALED (FLOODCOATS) (BRIDGES "A", "B", "C", "D" & "E")

A FLOODCOAT DECK SEALANT SHALL BE APPLIED TO THE DRIVING SURFACE OF THE BRIDGE DECK, APPROACH SLABS AND THE VERTICAL FACES OF THE PARAPETS UP TO 1'-0" ABOVE THE BRIDGE DECK AT THE BRIDGE LOCATIONS LISTED. THE CONTRACTOR MUST PROTECT ALL TRAFFIC STRIPING FROM THE FLOODCOAT DECK SEALANT. ANY TRAFFIC STRIPING RENDERED INEFFECTIVE OR DAMAGED DURING THE FLOODCOAT SEALANT APPLICATION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE, TO THE SATISFACTION OF THE ENGINEER.

THE CONTRACTOR MUST PREVENT THE FLOODCOAT DECK SEALANT FROM PENETRATING ANY JOINT THAT HAS BEEN SEALED WITH SILICONE. IF FLOODCOAT DECK SEALANT PENETRATES ANY SILICONE JOINT, THE CONTRACTOR, AT HIS OWN EXPENSE, WILL BE REQUIRED TO:

- 1) AFTER BULK CURE, REMOVE ALL FLOODCOAT DECK SEALANT FROM THESE JOINTS
- 2) REMOVE AND REPLACE THE SILICONE JOINT SEALANT

THE APPLICATION OF THE FLOODCOAT SHALL BE IN ACCORDANCE WITH SECTION 523.04E OF THE STANDARD SPECIFICATION, AND SHALL BE PERFORMED ONLY AFTER ALL OTHER WORK IS COMPLETE.

ALL COSTS, INCLUDING LABOR, EQUIPMENT, MATERIAL AND INCIDENTALS NECESSARY TO COMPLETE THE WORK DESCRIBED ABOVE AND AS SHOWN IN THE PLANS SHALL BE INCLUDED IN THE UNIT PRICE BID PER SQUARE YARD OF "DECK AREA SEALED (FLOODCOATS)".

(2) REHABILITATED CONSTRUCTION JOINT SAW AND SEAL (BRIDGE "C")

SEAL EXISTING CONSTRUCTION JOINTS WITH BACKER ROD AND RAPID CURE JOINT SEALANT PLACED IN ACCORDANCE WITH SECTION 415 AND SUBSECTION 701.08G(1) OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AND AS SHOWN IN THE PLANS.

THE CONTRACTOR SHALL TAKE CARE NOT TO CUT INTO EXISTING DECK REINFORCING OR STRUCTURAL STEEL, UNLESS IT IS SPECIFICALLY REQUESTED BY THE PLANS. ANY DAMAGE TO THE REINFORCING, EXISTING BEAMS, COVER PLATES, SHEAR CONNECTORS OR STRUCTURAL BRACING DUE TO THE CONTRACTOR'S NEGLIGENCE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE, TO THE SATISFACTION OF THE ENGINEER.

ALL COSTS INCLUDING LABOR, EQUIPMENT, MATERIAL, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK AS SHOWN IN THE PLANS SHALL BE INCLUDED IN THE UNIT PRICE BID PER LINEAR FOOT OF "RAPID CURE JOINT SEALANT".

(3) REHABILITATED CONSTRUCTION JOINT WITH PREFORMED SILICONE FOAM JOINT (BRIDGE "C")

SEAL EXISTING EXPANSION JOINTS AS SHOWN IN THE PLANS WITH PREFORMED SILICONE FOAM JOINT MATERIAL, IN ACCORDANCE WITH SPECIAL PROVISION 504-X(A-C)09.

ALL COSTS, INCLUDING LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO COMPLETE THE WORK AS SHOWN IN THE PLANS SHALL BE INCLUDED IN THE UNIT PRICE BID PER LINEAR FOOT OF "PREFORMED SILICONE FOAM JOINT."

(4) REHABILITATED EXPANSION JOINT WITH PREFORMED SILICONE EXPANSION MATERIAL (BRIDGE "E")

SEAL EXISTING EXPANSION JOINTS AS SHOWN IN THE PLANS WITH PREFORMED SILICONE EXPANSION MATERIAL IN ACCORDANCE WITH THE SPECIAL PROVISIONS 701-18(A-B)09 AND 504-8(A-C)09.

ALL COSTS INCLUDING LABOR, EQUIPMENT, MATERIAL, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK AS SHOWN IN THE PLANS SHALL BE INCLUDED IN THE UNIT PRICE BID PER LINEAR FOOT OF "EXPANSION DEVICE."

(5) REMOVAL AND REPLACEMENT OF PAVEMENT MARKERS WITH ELASTOMERIC MORTAR (BRIDGE "E")

REMOVE EXISTING PAVEMENT MARKERS AT THE APPROXIMATE LOCATIONS SHOWN ON THE PLANS AND REPLACE THEM WITH ELASTOMERIC MORTAR PLACED IN ACCORDANCE WITH SUBSECTION 701.08G OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION. THE CUTOUT AREA SHOULD MEASURE APPROXIMATELY 1'x3'x2" WITH THE MARKERS REMOVED IN PAIRS SIMULTANEOUSLY. THE DEPTH OF THE CUT SHOULD BE A MINIMUM OF 2", BUT NOT DEEPER THAN NECESSARY TO REMOVE THE MARKERS. ENSURE THAT NEW ELASTOMERIC MORTAR MATCHES GRADE WITH SURFACE CONCRETE OR ASPHALT OVERLAY.

THE CONTRACTOR SHALL TAKE CARE NOT TO CUT INTO EXISTING DECK REINFORCING. ANY DAMAGE TO REINFORCING STEEL OR EXISTING BEAMS DUE TO THE CONTRACTOR'S NEGLIGENCE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE, TO THE SATISFACTION OF THE ENGINEER.

ALL COSTS, INCLUDING LABOR, EQUIPMENT, MATERIAL AND INCIDENTALS NECESSARY TO COMPLETE THE WORK AS SHOWN IN THE PLANS SHALL BE INCLUDED IN THE UNIT PRICE BID PER CUBIC FOOT OF "ELASTOMERIC MORTAR."

△ ENVIRONMENTAL MITIGATION NOTES

BAT NOTE:

THE NORTHERN LONG-EARED BAT IS A THREATENED BAT SPECIES THAT OCCURS WITHIN THE PROJECT'S ACTION AREA. BASED ON PROJECT PLANS, NO TREE REMOVAL WILL OCCUR AS PART OF THIS PROJECT. IN ORDER TO AVOID ADVERSE IMPACTS TO THIS SPECIES, BRIDGE REPAIR, RETROFIT, MAINTENANCE, REHABILITATION OR DEMOLITION SHALL BE RESTRICTED TO BETWEEN NOVEMBER 16, AND MARCH 31, OUTSIDE OF THE ACTIVE SEASON. IF BRIDGE REPAIR, RETROFIT, MAINTENANCE, REHABILITATION OR DEMOLITION DURING THE ACTIVE SEASON (BETWEEN APRIL 1, AND NOVEMBER 15) CANNOT BE AVOIDED, THE RESIDENT ENGINEER SHALL CONTACT THE ODOT BIOLOGIST AT 405-521-2515 TO SCHEDULE A BAT BRIDGE INSPECTION, PRIOR TO ANY BRIDGE WORK.

BRIDGE INSPECTION/ SURVEYS CAN ONLY BE CONDUCTED BETWEEN MAY 15, AND AUGUST 15, AND ARE VALID ONLY UNTIL THE FOLLOWING MARCH 31. IF THE SURVEY FINDS LISTED BAT SPECIES USING THE BRIDGE/STRUCTURE, BRIDGE REPAIR, RETROFIT, MAINTENANCE, REHABILITATION OR DEMOLITION SHALL ONLY BE PERMITTED BETWEEN NOVEMBER 16, AND MARCH 31, WHEN BATS ARE HIBERNATING IN CAVES.

MIGRATORY BIRD:

MIGRATORY BIRDS ARE PROTECTED BY THE FEDERAL MIGRATORY BIRD TREATY ACT. MANY BIRDS COMMONLY USE BRIDGES AND CULVERTS FOR NESTING. THE NESTING SEASON FOR MOST BIRD SPECIES EXTENDS FROM APRIL 1 TO AUGUST 31. NO SURVEY WAS DONE ON THIS PROJECT. THE RESIDENT ENGINEER SHALL CONTACT THE ODOT BIOLOGIST AT 405-521-2515 IF ANY BIRD USE OF THE EXISTING STRUCTURES IS OBSERVED. IF BIRDS ARE OBSERVED THEN PAINTING OF THE EXISTING BRIDGE/STRUCTURES SHALL BE CONDUCTED BETWEEN SEPTEMBER 1, AND MARCH 31, WHEN MIGRATORY BIRD NESTS ARE NOT OCCUPIED. THE BRIDGE MAY BE PROTECTED FROM NEW NEST ESTABLISHMENT PRIOR TO APRIL 1, BY MEANS THAT DO NOT RESULT IN BIRD DEATH OR INJURY. OPTIONS INCLUDE THE EXCLUSION OF ADULT BIRDS FROM SUITABLE NEST SITES ON OR WITHIN A STRUCTURE BY THE PLACEMENT OF WEATHER-RESISTANT POLYPROPYLENE NETTING WITH 0.25-INCH OR SMALLER OPENINGS, PRIOR TO APRIL 1. METHODS OTHER THAN NETTING MUST BE PRE-APPROVED BY THE ODOT BIOLOGIST.

GOOD-HOUSEKEEPING REQUIREMENT:

MATERIAL STORAGE, CHEMICAL STORAGE, TRASH, SANITARY FACILITIES, ETC. SHOULD BE LOCATED NO CLOSER THAN 50 FEET FROM THE BANK OF ANY WATERS IN ORDER TO PROTECT WATER QUALITY.

DEBRIS SHALL NOT BE BURIED WITHIN LIMITS OF RIGHT-OF-WAY.

PAY QUANTITIES						
ITEM	DESCRIPTION			UNIT	QUANTITY	
0200	BRIDGE "A" - NBI 28740 - SH-51 EASTBOUND OVER VERDIGRIS RIVER					
523(C)	6570	DECK AREA SEALED (FLOODCOATS)	(BR-1)	(1)	S.Y.	3395.00

PAY QUANTITIES						
ITEM	DESCRIPTION			UNIT	QUANTITY	
0201	BRIDGE "B" - NBI 17962 - SH-16 OVER VERDIGRIS RIVER					
523(C)	6570	DECK AREA SEALED (FLOODCOATS)	(BR-1)	(1)	S.Y.	2866.00

PAY QUANTITIES						
ITEM	DESCRIPTION			UNIT	QUANTITY	
0202	BRIDGE "C" - NBI 26658 - US-69 OVER SH-9					
504(G)	6390	RAPID CURE JOINT SEALANT	(BR-1)	(2)	L.F.	228.00
504(J)	6400	PREFORMED SILICONE FOAM JOINT	(BR-1)	(3)	L.F.	228.00
523(C)	6570	DECK AREA SEALED (FLOODCOATS)	(BR-1)	(1)	S.Y.	4156.00

PAY QUANTITIES						
ITEM	DESCRIPTION			UNIT	QUANTITY	
0203	BRIDGE "D" - NBI 14482 - SH-10 OVER DEEP BRANCH CREEK					
523(C)	6570	DECK AREA SEALED (FLOODCOATS)	(BR-1)	(1)	S.Y.	809.00

PAY QUANTITIES						
ITEM	DESCRIPTION			UNIT	QUANTITY	
0204	BRIDGE "E" - NBI 19999 - US-59 OVER BARREN FORK CREEK					
504(C)	1450	EXPANSION DEVICE	(BR-1)	(4)	L.F.	93.00
504(H)	6389	ELASTOMERIC MORTAR	(BR-1)	(5)	C.F.	5.00
523(C)	6570	DECK AREA SEALED (FLOODCOATS)	(BR-1)	(1)	S.Y.	1912.00

PAY QUANTITIES						
ITEM	DESCRIPTION			UNIT	QUANTITY	
0640	CONSTRUCTION					
641	1399	MOBILIZATION		LSUM		1.00

BR-1:
PAYMENT FOR THIS ITEM WILL BE BASED ON THE PLAN QUANTITY ONLY.
SEE SECTION 109.01B OF THE STANDARD SPECIFICATIONS.

BRIDGES "A" - "E"		MULTIPLE COUNTIES		Design	N/A	N/A
GENERAL NOTES AND SUMMARY OF PAY QUANTITIES (BRIDGE)				Detail	DAN	5/17
				Check	RAH	6/17
				Squad:	HENSLLEY	
				Engr:	DEFRANCO	
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION				
		JOB/PIECE NO.	33216(04)		SHEET NO. AB01	