

TOTAL BILL OF MATERIAL																									
COUNTY	BRIDGE NO.	CONCRETE REPAIRS	EPOXY COATED REINFORCING STEEL	POLLUTION CONTROL	*57 STONE	GEOTEXTILE FOR DRAINAGE	SHOTCRETE REPAIRS	CONCRETE FOR DECK REPAIR	CONCRETE DECK REPAIR FOR EPOXY OVERLAY & CRACK SEALING	CLEANING AND PAINTING BEARINGS WITH HRCSA BRIDGE NO.---	SHOT-BLASTING BRIDGE DECK	CONCRETE BRIDGE DECK CRACK SEALING	BRIDGE JOINT DEMOLITION	EPOXY RESIN INJECTION	EPOXY OVERLAY SYSTEM	ELASTOMERIC CONCRETE	EPOXY COATING	MODULAR JOINT REPAIR	MOLDED RUBBER SEGMENTAL EXPANSION JOINT	PARTIAL REMOVAL OF EXISTING STRUCTURE	PAINT CONTAINMENT FOR BRIDGE NO.---	SILICONE JOINT SEALANT	VOLUMETRIC MIXER	SURFACE PREPARATION FOR CONCRETE BARRIER	SILANE BARRIER RAIL TREATMENT
		CU. FT.	LBS.	LUMP SUM	TON	SQ. YD.	CU. FT.	CU. FT.	SQ. FT.	EACH	SQ. YD.	SQ. YD.	SQ. FT.	LN. FT.	SQ. FT.	CU. FT.	SQ. FT.	SQ. YD.	LUMP SUM	SQ. YD.	LUMP SUM	LN. FT.	LUMP SUM	SQ. FT.	SQ. FT.
HALIFAX	124	-	-	-	-	-	-	-	* 10.0	-	813.2	813.2	81.5	-	-	20.4	-	-	-	-	-	220.0	-	987	987
	129	84.0	-	-	4.34	18.7	-	-	* 10.0	-	813.2	813.2	81.5	-	-	20.4	-	-	-	18.67	-	220.0	-	987	987
	131	-	-	LUMP SUM	-	-	12.5	-	* 10.0	48	-	-	295.0	13.0	11,941	73.8	922.7	-	-	-	LUMP SUM	295.0	-	-	-
	132	-	-	LUMP SUM	-	-	11.2	-	* 10.0	48	-	-	295.0	-	11,941	73.8	922.7	-	-	-	LUMP SUM	295.0	-	-	-
	139	-	1,932	-	-	-	-	264.0	* 10.0	-	3,053.0	3,053.0	232.0	-	-	-	-	25.8	LUMP SUM	-	-	-	LUMP SUM	2084	2084
	141	-	1,932	-	-	-	-	264.0	* 10.0	-	3,053.0	3,053.0	232.0	-	-	-	-	25.8	LUMP SUM	-	-	-	LUMP SUM	2084	2084
NORTHAMPTON	009	-	2,963	-	-	-	-	455.0	37.0	-	6,015.0	6,015.0	348.0	-	-	-	-	38.7	LUMP SUM	-	-	-	LUMP SUM	6053	6053
	011	-	2,963	-	-	-	-	455.0	* 10.0	-	6,015.0	6,015.0	348.0	-	-	-	-	38.7	LUMP SUM	-	-	-	LUMP SUM	6053	6053
TOTAL		84.0	9,790	LUMP SUM	4.34	18.7	23.7	1,438.0	107.0	96	19,762.4	19,762.4	1,913.0	13.0	23,882	188.4	1845.4	129.0	LUMP SUM	18.67	LUMP SUM	1,030.0	LUMP SUM	18,248	18,248

\* CONCRETE DECK REPAIR FOR EPOXY OVERLAY AND CRACK SEALING IS NOT ANTICIPATED, TOKEN PAY ITEMS ARE INDICATED FOR PRICING PURPOSE IN CASE UNANTICIPATED REPAIR AREAS ARE ENCOUNTERED.

**GENERAL NOTES:**

REPAIR LOCATIONS AND ESTIMATE OF QUANTITIES ARE GIVEN WITH THE BEST INFORMATION AVAILABLE. IF ADDITIONAL REPAIRS NOT SHOWN ON THE DRAWINGS ARE DEEMED NECESSARY BY THE ENGINEER, THE ENGINEER SHALL NOTE ON THE DRAWINGS THE APPROXIMATE LOCATION AND DESCRIPTION OF THE REPAIRS AND ADJUST THE ACTUAL QUANTITIES ENTERED INTO THE REPAIR QUANTITY TABLE.

EXISTING DIMENSIONS AND BRIDGE CONDITION ARE FROM BEST INFORMATION AVAILABLE. THE CONTRACTOR SHALL FIELD VERIFY THE INFORMATION SHOWN ON THE PLANS AND NOTIFY THE ENGINEER IF ACTUAL DIMENSIONS AND CONDITIONS DIFFER.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW ALL STATE AND FEDERAL SAFETY REQUIREMENTS.

EXISTING JOINTS AND DECK DRAINS SHALL BE SEALED PRIOR TO BEGINNING SURFACE PREPARATION OF BRIDGE DECK.

LONGITUDINAL CONSTRUCTION JOINTS OF OVERLAYS SHALL BE LOCATED ALONG THE CENTERLINE OR EDGE OF TRAVEL LANES.

FOR BRIDGE JOINT DEMOLITION, SEE SPECIAL PROVISIONS.

FOR ELASTOMERIC CONCRETE, SEE SPECIAL PROVISIONS.

FOR SUBMITTAL OF WORKING DRAWINGS, SEE SPECIAL PROVISIONS.

FOR FALSEWORK AND FORMWORK, SEE SPECIAL PROVISIONS.

FOR GROUT FOR STRUCTURES, SEE SPECIAL PROVISIONS.

FOR CONTROL OF TRAFFIC AND LIMITS ON PHASING OF CONSTRUCTION, SEE TRANSPORTATION MANAGEMENT PLAN.

FOR EPOXY OVERLAY SYSTEM, SEE SPECIAL PROVISIONS.

FOR CONCRETE DECK REPAIR FOR EPOXY OVERLAY AND CRACK SEALING, SEE SPECIAL PROVISIONS.

FOR CONCRETE REPAIRS, SEE SPECIAL PROVISIONS.

FOR SILICONE JOINT SEALANT, SEE SPECIAL PROVISIONS.

FOR EPOXY COATING, SEE SPECIAL PROVISIONS.

FOR SHOTCRETE REPAIRS, SEE SPECIAL PROVISIONS.

FOR EPOXY RESIN INJECTION, SEE SPECIAL PROVISIONS.

FOR PAINT CONTAINMENT, SEE SPECIAL PROVISIONS.

FOR CLEANING AND PAINTING EXISTING BEARINGS WITH HRCSA, SEE SPECIAL PROVISIONS.

FOR POLLUTION CONTROL, SEE SPECIAL PROVISIONS.

FOR CRANE SAFETY, SEE SPECIAL PROVISIONS.

EXISTING MODULAR JOINT AND DECK REINFORCING STEEL SHOWN IS BASED ON BEST INFORMATION AVAILABLE.

ALL PROPOSED EXPANSION JOINT DIMENSIONS, OPENINGS AND BLOCKOUTS ARE SHOWN AT 60°F. CONTRACTOR SHALL FOLLOW MANUFACTURER'S INSTALLATION GUIDELINES AND MAKE ANY NECESSARY ADJUSTMENTS.

ADHESIVE ANCHOR BOLTS AND HARDWARE FOR THE PROPOSED EXPANSION JOINT SHALL BE GALVANIZED PER ASTM A153 AND INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS.

WORK ON BRIDGE SHALL BE PERFORMED SO AS NOT TO ALLOW DEBRIS TO FALL BELOW. THE CONTRACTOR SHALL SUBMIT PLANS FOR CONSTRUCTION IN ACCORDANCE TO ARTICLE 402-2 OF THE STANDARD SPECIFICATIONS AND THE PROJECT SPECIAL PROVISIONS.

PRIOR TO BEGINNING WORK, CONTRACTOR SHALL SUBMIT FOR REVIEW AND APPROVAL A COMPLETE SEQUENCE OF TASKS FOR EACH OPERATION AFFECTING THE BRIDGE SURFACE AND/OR TRAFFIC.

FOR CONCRETE FOR DECK REPAIR, SEE SPECIAL PROVISIONS.

CONTRACTOR SHALL DETERMINE EXTENT OF WORKING AREA, STAGING PROCESS, AND INSTALL COVER & ASSEMBLY AS NECESSARY TO MEET THE REQUIREMENTS OF TRAFFIC MANAGEMENT PLANS.

CONCRETE FOR DECK REPAIR SHALL BE A MATERIAL SUITABLE FOR CONCRETE BRIDGE DECK REPAIRS UNDER FAST SETTING CONDITIONS.

CONCRETE FOR DECK REPAIR SHALL REACH A MINIMUM COMPRESSIVE STRENGTH OF 4500 PSI IN 3 HOURS OR LESS. CONTRACTOR SHALL SUBMIT PROPOSED MATERIAL DOCUMENTATION TO THE ENGINEER FOR APPROVAL, SEE SPECIAL PROVISIONS.

ANY DAMAGE TO EXISTING REINFORCING STEEL, DURING CONTRACTOR'S OPERATIONS, SHALL BE REPAIRED AS DIRECTED BY THE ENGINEER AND PERFORMED AT NO ADDITIONAL COST.

CONTRACTOR SHALL HAVE A REPRESENTATIVE FROM THE JOINT MANUFACTURER PRESENT DURING INSTALLATION OF PROPOSED RUBBER PLATE TYPE EXPANSION JOINT.

FOR \*57 STONE, SEE SPECIAL PROVISIONS.

FOR EPOXY COATED REINFORCING STEEL, SEE 2012 NORTH CAROLINA STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES, SECTION 425.

FOR MODULAR JOINT REPAIR, SEE SPECIAL PROVISIONS.

FOR VOLUMETRIC MIXER, SEE SPECIAL PROVISIONS.

FOR PARTIAL REMOVAL OF EXISTING STRUCTURE, SEE SPECIAL PROVISIONS.

FOR CONCRETE BRIDGE DECK CRACK SEALING, SEE SPECIAL PROVISIONS.

FOR SILANE BARRIER RAIL TREATMENT, SEE SPECIAL PROVISIONS.

PROJECT NO. I-5839  
HALIFAX &  
NORTHAMPTON COUNTIES  
BRIDGE NO. 124, 129, 131, 132,  
139, 141, 009 & 011



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH  
GENERAL NOTES  
&  
TOTAL BILL OF MATERIAL

DRAWN BY : S. T. SANDOR DATE : 04/2017  
CHECKED BY : W. C. SMITH DATE : 05/2017

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-2
1			3			TOTAL SHEETS
2			4			42