TOTAL BILL OF MATERIAL

INCIDENTAL MILLING	ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C	ASPHALT BINDER FOR PLANT MIX	GROOVING BRIDGE FLOORS	2 BAR METAL RAIL	* CLASS II SURFACE PREPARATION	SCARIFYING BRIDGE DECK	SHOTBLASING BRIDGE DECK	* CONCRETE DECK REPAIR FOR PPC OVERLAY	CLEANING AND PAINTING OF BRIDGE	PPC MATERIALS	PLACING AND FINISHING PPC OVERLAY	POLLUTION CONTROL	PAINTING CONTAINMENT	SILICONE JOINT SEAL	PARTIAL REMOVAL OF EXISTING STRUCTURE	** EPOXY RESIN INJECTION	EPOXY COATING	SHOTCRETE REPAIRS	CONCRETE REPAIRS	CONCRETE ATTACHMENT POST	BRIDGE JACKING TYPE I	CLASS A CONCRETE	CLEANING & PAINTING EXISTING BEARINGS WITH HRCSA	PEDESTRIAN SAFETY RAIL
SQ. YD.	TONS	TONS	SQ. FT.	LN. FT.	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	LUMP SUM	CU. YD.	SQ. YD.	LUMP SUM	LUMP SUM	LIN. FT.	SQ. YD.	LIN. FT.	SQ. FT.	CU. FT.	CU. FT.	LIN. FT.	EA.	CU. YD.	EA.	LIN. FT.
1,934.0	162.5	9.6	25,816.0	1,964.0	40.0	3221.5	3221.5	40.0	LUMP SUM	89.5	3221.5	LUMP SUM	LUMP SUM	1061.0	23.0	1000.0	2,691.0	1,093.0	386.0	70.0	21	3.8	250	64.0

* TOKEN PAY ITEMS ARE INDICATED FOR PRICING PURPOSES.
IN CASE UNANTICIPATED CONCRETE REPAIRS AREAS ARE ENCOUNTERED.

** THE QUANTITY OF EPOXY RESIN INJECTION HAS BEEN INCREASED FOR UNANTICIPATED REPAIRS. THE ANTICIPATED REPAIRS AMOUNT TO 227.0 LINEAR FEET.

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 SILICONE JOINT SEAL, 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 PAINTING EXISTING STRUCTURE, SEE SPECIAL PROVISION.

FOR 2 BAR METAL RAIL RETROFIT, SEE SPECIAL PROVISION.

FOR CONCRETE REPAIR FOR PPC OVERLAY, SEE SPECIAL PROVISIONS.

FOR CRANE SAFETY, SEE SPECIAL PROVISIONS.

FOR OVERLAY SURFACE PREPARATION FOR POLYESTER POLYMER CONCRETE, SEE SPECIAL PROVISIONS.

FOR POLYESTER POLYMER CONCRETE BRIDGE DECK OVERLAY, SEE SPECIAL PROVISIONS.

FOR RC DECK GIRDER REPAIR, SEE "CONCRETE REPAIRS" SPECIAL PROVISIONS.

FOR CONCRETE REPAIRS, SEE SPECIAL PROVISIONS.

FOR BRIDGE JACKING, SEE SPECIAL PROVISIONS.

FOR EPOXY COATING, SEE SPECIAL PROVISIONS.

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

TOTAL THERMAL MOVEMENT MEASURED PARALLEL TO THE CENTERLINE OF THE ROADWAY IS (EXPANSION AND CONTRACTION).

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.

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

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

PROJECT NO. 15BPR.4
NASH COUNTY
BRIDGE NO. 94

NORTH CAROLINA PROFESSIONAL SEAL 030024 ENGINEER ASTER G. ABRAHA

DocuSigned by: Aster Abraha
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2/27/2018

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL NOTES
&
TOTAL BILL OF MATERIAL

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-1
1			3			TOTAL SHEETS
2			4			61

DRAWN BY : S. T. SANDOR DATE : 08/2017
CHECKED BY : A. G. ABARAHA DATE : 10/2017

27-FEB-2018 17:20
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