

**GENERAL NOTES:**

THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT DUE TO THE NATURE OF PRESERVATION PROJECTS, THE EXTENT OF WORK CANNOT ALWAYS BE ACCURATELY DETERMINED PRIOR TO COMMENCEMENT OF WORK. REPAIR LOCATIONS AND ESTIMATES 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.

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

THE CONTRACTOR SHALL HAVE NO CLAIM WHATSOEVER AGAINST THE DEPARTMENT FOR ANY DELAYS OF ADDITIONAL COST INCURRED BASED ON DIFFERENCES BETWEEN WHAT IS SHOWN ON THE PLANS AND THE ACTUAL CONDITIONS AT THE PROJECT SITE.

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

WORK ON THE BRIDGE(S) SHALL BE PERFORMED SO AS NOT TO ALLOW DEBRIS TO FALL BELOW, EXCEPT WHERE THE CONTRACTOR PLANS TO USE PLATFORMS, NETS, SCREENS OR OTHER PROTECTIVE DEVICES TO CATCH THE MATERIAL. THE CONTRACTOR SHALL SUBMIT PLANS FOR CONSTRUCTION IN ACCORDANCE WITH ARTICLE 402-2 OF THE STANDARD SPECIFICATIONS AND THE PROJECT SPECIAL PROVISIONS.

THE CONTRACTOR SHALL PERFORM ALL WORK WITH CARE SO THAT THE EXISTING STRUCTURE WHICH IS TO REMAIN IN PLACE WILL NOT BE DAMAGED. IF THE CONTRACTOR DAMAGES ANY PART OF THE EXISTING STRUCTURE WHICH IS TO REMAIN IN PLACE, THE DAMAGED AREA SHALL BE REPAIRED OR REPLACED IN A MANNER SATISFACTORY TO THE ENGINEER AT NO ADDITIONAL COST TO THE DEPARTMENT.

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

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

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

FOR OTHER DESIGN DATA AND GENERAL NOTES, SEE SHEET SN.

FOR SUBMITTAL OF WORKING DRAWINGS, SEE SPECIAL PROVISIONS.

FOR FALSEWORK AND FORMWORK, SEE SPECIAL PROVISIONS.

FOR CRANE SAFETY, SEE SPECIAL PROVISIONS.

FOR GROUT FOR STRUCTURES, SEE SPECIAL PROVISIONS.

ALL PAVEMENT MARKINGS WILL BE IN ACCORDANCE WITH THE TRAFFIC CONTROL PLANS.

FOR 2 BAR METAL RAIL RETROFIT, SEE SPECIAL PROVISIONS.

FOR CONCRETE ATTACHMENT POST, SEE "2 BAR METAL RAIL RETROFIT" SPECIAL PROVISION.

EXISTING JOINTS AND DECK DRAINS SHALL BE SEALED PRIOR TO BEGINNING SURFACE PREPARATIONS OF THE BRIDGE DECK. THE CONTRACTOR SHALL TAKE CARE THAT ANY CONSTRUCTION DEBRIS THAT COLLECTS IN THE DRAINS IS CONTAINED. DRAINS IN SHOULDERS OF ADJACENT TRAVEL LANE(S) SHALL BE KEPT FREE AND CLEAR OF DEBRIS.

FOR SCARIFYING BRIDGE DECK, AND HYDRO-DEMOLITION OF BRIDGE DECK, SEE "LMC OVERLAY SURFACE PREPARATION" SPECIAL PROVISION.

DURING CONSTRUCTION, BERMS OR APPROPRIATE MEASURES SHALL BE USED TO ENSURE HYDRO-DEMOLITION WATER DOES NOT FLOW OR MIGRATE INTO ACTIVE TRAVEL LANES.

THE CONTRACTOR MUST COLLECT, TREAT, AND DISPOSE OF RUN-OFF WATER FROM THE HYDRO-DEMOLITION PROCESS. SEE "LMC OVERLAY SURFACE PREPARATION" SPECIAL PROVISION.

FOR LATEX MODIFIED CONCRETE OVERLAY, PLACING & FINISHING OF LATEX MODIFIED CONCRETE OVERLAY AND GROOVING BRIDGE FLOORS, SEE "LATEX MODIFIED CONCRETE OVERLAY" SPECIAL PROVISIONS.

FOR BRIDGE JOINT DEMOLITION, SEE SPECIAL PROVISIONS.

FOR POURABLE SILICONE JOINT SEALANT, SEE SPECIAL PROVISIONS.

FOR BEAM REPAIR-PLATING, SEE SPECIAL PROVISIONS.

FOR BEAM REPAIR-CUT OUT, SEE SPECIAL PROVISIONS.

FOR BOLTED BEAM REPAIR, SEE SPECIAL PROVISIONS.

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

FOR ELASTOMERIC CONCRETE FOR PRESERVATION, SEE SPECIAL PROVISIONS.

FOR PAINTING CONTAINMENT AND POLLUTION CONTROL, SEE "PAINTING EXISTING STRUCTURE" SPECIAL PROVISION.

FOR PAINTING EXISTING STRUCTURE, SEE SPECIAL PROVISIONS.

FOR SHOTCRETE REPAIRS, SEE SPECIAL PROVISIONS.

FOR CONCRETE REPAIRS, SEE SPECIAL PROVISIONS.

FOR EXTENSION OF EXISTING DECK DRAINS, SEE SPECIAL PROVISIONS.

FOR VOLUMETRIC MIXER, SEE SPECIAL PROVISIONS.

FOR BRIDGE JACKING, SEE SPECIAL PROVISIONS.

FOR SHOTBLASTING BRIDGE DECK AND SILANE DECK TREATMENT, SEE SPECIAL PROVISIONS.

FOR CONCRETE DECK REPAIR FOR SILANE DECK TREATMENT, SEE SPECIAL PROVISIONS.

FOR KEEPER ANGLE ASSEMBLY, SEE SPECIAL PROVISIONS.

FOR ANCHOR BOLT REPAIR, SEE SPECIAL PROVISIONS.

AT THE TIME OF PREPARATION OF THESE PLANS, IT WAS NOT ANTICIPATED THAT THE FOLLOWING ITEM(S) LISTED WOULD BE REQUIRED, HOWEVER, IT MAY BE DETERMINED IN THE FIELD THAT THE FOLLOWING ITEM(S) LISTED, OR OTHER WORK WILL BE NECESSARY TO PROPERLY COMPLETE THE INTENDED BRIDGE PRESERVATION/REHABILITATION WORK. THE CONTRACTOR SHALL BE PREPARED TO PERFORM SUCH WORK IN A TIMELY MANNER, AS DETERMINED IN THE FIELD. SUCH WORK SHALL BE CONSIDERED EXTRA WORK AND SHALL BE ADDRESSED AS PER ARTICLE 104-7 OF THE STANDARD SPECIFICATIONS. PROJECT SPECIAL PROVISIONS THAT OUTLINE REQUIREMENTS FOR THESE POTENTIAL ADDITIONAL WORK ITEMS HAVE BEEN PROVIDED IN THE PROJECT DOCUMENTS, BUT NO QUANTITIES HAVE BEEN LISTED. ACTUAL PAY ITEMS, QUANTITIES, AND COSTS WILL BE ESTABLISHED, AS REQUIRED, IF EXTRA WORK IS ENCOUNTERED. UNANTICIPATED ITEMS:

ITEM	DESCRIPTION	UNIT
1	CONCRETE DECK REPAIR FOR SILANE TREATMENT	SO. FT.
2	ANCHOR BOLT REPAIR	EA.
3	STEEL KEEPER ANGLE ASSEMBLY	EA.
4	TYPE II BRIDGE JACKING BRIDGE NO. ....	EA.

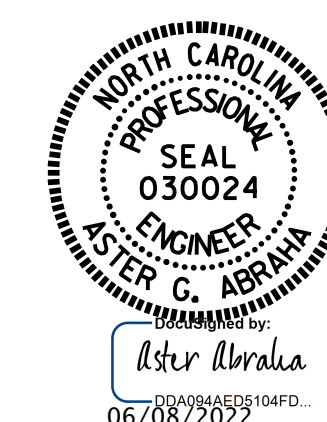
**TOTAL BILL OF MATERIAL**

BRIDGE NO.	INCIDENTAL MILLING	ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B	ASPHALT BINDER FOR PLANT MIX	GROOVING BRIDGE FLOORS	POLLUTION CONTROL	CLASS II SURFACE PREPARATION	CLASS III SURFACE PREPARATION	LATEX MODIFIED CONCRETE OVERLAY	PLACING & FINISHING LATEX MODIFIED CONCRETE OVERLAY	CONCRETE REPAIRS	SHOTCRETE REPAIRS	CLEANING AND REPAINTING OF BRIDGE #..	EXTENSION OF EXISTING DECK DRAINS	PAINTING CONTAINMENT FOR BRIDGE #..	VOLUMETRIC MIXER
	SO. YDS.	TONS	TONS	SO. FT.	LUMP SUM	SO. YD.	SO. YD.	CU. YD.	SO. YD.	CU. FT.	CU. FT.	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM
320051	273.4	30.0	5.0	14,138.9	LUMP SUM	53.2	0.0	74.2	1,690.2	14.3	176.7	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM
320345	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
630039	477.8	60.0	5.0	9,524.3	LUMP SUM	75.6	0.0	84.2	1,142.2	5.9	37.7	LUMP SUM	-	LUMP SUM	LUMP SUM
630123	250.8	30.0	5.0	6,837.1	LUMP SUM	164.0	3.6	68.0	855.6	0.0	234.6	LUMP SUM	-	LUMP SUM	LUMP SUM
<b>TOTAL</b>	<b>1,002.0</b>	<b>120.0</b>	<b>15.0</b>	<b>30,500.3</b>	<b>LUMP SUM</b>	<b>292.8</b>	<b>3.6</b>	<b>226.4</b>	<b>3,688.0</b>	<b>20.2</b>	<b>449.0</b>	<b>LUMP SUM</b>	<b>LUMP SUM</b>	<b>LUMP SUM</b>	<b>LUMP SUM</b>

BRIDGE NO.	2 BAR METAL RAIL	CONCRETE ATTACHMENT POST	POURABLE SILICONE JOINT SEALANT	ELASTOMERIC CONCRETE FOR PRESERVATION	BEAM REPAIR CUT-OUT	BEAM REPAIR PLATING	BOLTED BEAM REPAIR	BRIDGE JOINT DEMOLITION	HYDRO-DEMOLITION OF BRIDGE DECK	SCARIFYING BRIDGE DECK	SHOTBLASTING BRIDGE DECK	SILANE DECK TREATMENT	CLEANING & PAINTING EXISTING BEARINGS WITH HIGH RATIO CALCIUM SULFONATE	TYPE I BRIDGE JACKING FOR BRIDGE NO. --
	LN. FT.	LN. FT.	LN. FT.	CU. FT.	LBS.	LBS.	LBS.	SO. FT.	SO. YD.	SO. YD.	SO. YD.	SO. YD.	EA.	EA.
320051	-	-	403.9	59.1	-	3,376.1	991.5	315.3	1,690.2	1,690.2	-	-	96	3
320345	-	-	-	-	-	-	-	-	-	-	6,326	6,326	-	-
630039	451.2	14.5	231.7	30.3	77.5	50.9	384.1	161.3	1,142.2	1,142.2	-	-	72	1
630123	-	-	145.7	21.4	0.0	42.3	0.0	114.0	855.6	855.6	-	-	32	-
<b>TOTAL</b>	<b>451.2</b>	<b>14.5</b>	<b>781.3</b>	<b>110.8</b>	<b>77.5</b>	<b>3,469.3</b>	<b>1,375.6</b>	<b>590.6</b>	<b>3,688.0</b>	<b>3,688.0</b>	<b>6,326</b>	<b>6,326</b>	<b>200</b>	<b>4</b>

PROJECT NO. 15BPR.47  
 EDGEcombe & NASH COUNTIES  
 BRIDGE NO. : 320051, 320345  
630039 & 630123



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
**BILL OF MATERIAL AND GENERAL NOTES**

DRAWN BY : A. Y. GODFREY DATE : 03/2022  
 CHECKED BY : S. WANCE DATE : 04/2022

DOCUMENT NOT CONSIDERED  
 FINAL UNLESS ALL  
 SIGNATURES COMPLETED

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