

CONTRACT NO: C204931 TIP PROJECT: HI-0017

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

ROBESON COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	HI-0017	1A	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
49988.1.1		P.E.	
49988.3.1	4998831	CONST.	

LOCATION: BRIDGE #770447 ON SR 1303 OVER US 74.
 BRIDGE #770452 & #770453 ON US 74 BYP OVER NC 71.
 BRIDGE #770454 & #770455 ON US 74 BYP OVER SOUTHEAST REGIONAL AIRPORT AUTHORITY RAILROAD LINE (SERAA). (MP SE-274.6, DOT CROSSING #973585N & #973584G)
 BRIDGE #770456 & #970457 ON US 74 BYP OVER CSX. (MP AG-245.94 & AG-245.92, DOT CROSSING #938183P & #938182H)
 BRIDGE #770476 ON US 74 BUS OVER US 74.

TYPE OF WORK: BRIDGE PRESERVATION - BRIDGE DECK & BARRIER RAIL SURFACE PREPARATION FOR SILANE TREATMENT, RECONSTRUCTION OF BRIDGE DECK JOINTS & SEALS, AND SUBSTRUCTURE REPAIR USING SHOTCRETE, CONCRETE, AND EPOXY RESIN INJECTION; PRESTRESSED CONCRETE CORED SLAB (PCCS) BRIDGE ASPHALT WEARING SURFACE MILLING AND PLACING ASPHALT WEARING SURFACE, REPLACEMENT OF PCCS POST-TENSIONING STRANDS, AND PCCS BEAM REPAIRS.

INDEX OF STRUCTURES SHEETS

<u>SHEET No.</u>	<u>DESCRIPTION</u>	<u>SHEET No.</u>	<u>DESCRIPTION</u>	<u>SHEET No.</u>	<u>DESCRIPTION</u>
I	TITLE SHEET	STRUCTURE No. 770454		STRUCTURE No. 770456	
IA	INDEX OF SHEETS	S4-1	GENERAL DRAWING	S6-1	GENERAL DRAWING
S-1	LOCATION SKETCHES	S4-2	TYPICAL SECTION	S6-2	TYPICAL SECTION
S-2	TOTAL BILL OF MATERIAL & GENERAL NOTES	S4-3	SURFACE PREPARATION	S6-3	SURFACE PREPARATION
		S4-4	POST-TENSIONING STRAND REPAIR DETAILS	S6-4	JOINT REPAIR
STRUCTURE No. 770447		S4-5	EXISTING JOINT DETAILS	S6-5	END BENTS
SI-1	GENERAL DRAWING	S4-6	SUPERSTRUCTURE REPAIR	S6-6 & S6-7	BENTS
SI-2	TYPICAL SECTION	S4-7	PCCS REPAIR DETAILS		
SI-3	SURFACE PREPARATION	STRUCTURE No. 770455		STRUCTURE No. 770457	
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SI-5	END BENTS	S5-2	TYPICAL SECTION	S7-2	TYPICAL SECTION
SI-6	BENT	S5-3	SURFACE PREPARATION	S7-3	SURFACE PREPARATION
STRUCTURE No. 770452		S5-4	POST-TENSIONING STRAND REPAIR DETAILS	S7-4	JOINT REPAIR
S2-1	GENERAL DRAWING	S5-5	EXISTING JOINT DETAILS	STRUCTURE No. 770476	
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S2-3	SURFACE PREPARATION	S5-7	PCCS REPAIR DETAILS	S8-2	TYPICAL SECTION
S2-4	JOINT REPAIR			S8-3	SURFACE PREPARATION
STRUCTURE No. 770453				S8-4	JOINT REPAIR
S3-1	GENERAL DRAWING			STANDARD SHEETS	
S3-2	TYPICAL SECTION			SN	STANDARD NOTES
S3-3	SURFACE PREPARATION			CSXN	CSX NOTES
S3-4	JOINT REPAIR				