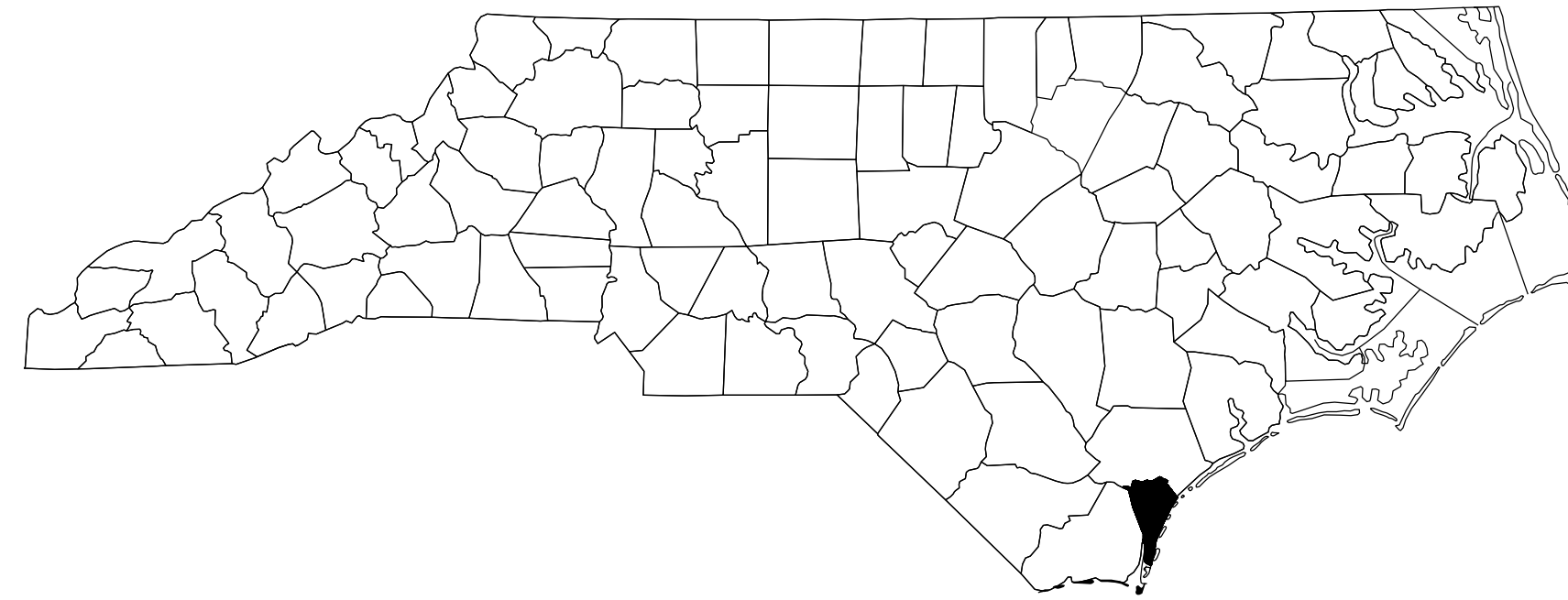


**PROJECT: 15BPR.19**

**CONTRACT: C204331**



STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**NEW HANOVER COUNTY**

**LOCATION:** BRIDGE #640021 ON US 76 OVER BANKS CHANNEL  
**TYPE OF WORK:** BRIDGE PRESEVATION - EPOXY OVERLAY REPAIR, JOINT REPLACEMENT, AND PEDESTRIAN SAFETY RAIL REPLACEMENT. REPAIR OF EXISTING GIRDERS AND DIAPHRAGMS. EPOXY COAT GIRDER ENDS AND PAINT BEARINGS. REPAIR CAP AND PILES, EPOXY COAT CAP. CATHODIC PROTECTION OF GIRDERS, CAPS AND PILES.

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	15BPR.19	1A	58
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
15BPR.19	-	P.E.	
15BPR.19	-	CONST.	

**INDEX OF SHEETS**

1	TITLE SHEET	S-30	STANDARD PRESTRESSED GIRDER REPAIR DETAILS
1A	INDEX OF SHEETS	S-31	STANDARD BRIDGE JACKING DETAILS
S-1	TOTAL BILL OF MATERIAL	S-32 THRU S-46	SUBSTRUCTURE REPAIRS
S-2	LOCATION SKETCH AND NOTES	S-47 THRU S-48	END BENTS
S-3 THRU S-4	GENERAL DRAWING BRIDGE	S-49	EXPANSION JOINT BENTS
S-5	TYPICAL SECTION	S-50	NON-EXPANSION JOINT BENTS
S-6 THRU S-8	PLAN OF SPANS	S-51	CATHODIC PROTECTION DETAILS
S-9 THRU S-22	GIRDER AND DIAPHRAGM REPAIRS	S-52	SINGLE LINE DIAGRAM
S-23	EPOXY OVERLAY DETAIL	S-53 THRU S-55	PILE JACKET DETAILS
S-24	JOINT REPAIR DETAILS	S-56	STANDARD TYPICAL CAP AND PILE REPAIR DETAILS
S-25	BEAM END EPOXY COATING	SN	STANDARD NOTES
S-26	RESET BEARING DETAILS	TMP-1 THRU TMP-7	TRAFFIC CONTROL PLANS
S-27	CLEANING AND PAINTING OF EXISTING BEARINGS		
S-28 THRU S-29	PRESTRESSED CONCRETE GIRDER WITH THERMAL SPRAY ANODE DETAILS		