

SCOPE LEGEND:

- ① LMC OVERLAY
  - ② SILANE DECK TREATMENT
  - ③ SUPERSTRUCTURE CONCRETE REPAIRS (TYP.)
  - ④ SUBSTRUCTURE CONCRETE REPAIRS (TYP.)
  - ⑤ EXPANSION JOINT REPLACEMENT/INSTALLATION (TYP.)
  - ⑥ BEARING REPLACEMENT
  - ⑦ INTEGRAL PILE JACKETING
  - ⑧ GALVANIC CATHODIC PROTECTION - BULK ANODE
  - ⑨ RAIL RETROFIT (TYP.)
  - ⑩ APPROACH ROADWAY MILLING AND RESURFACING
  - ⑪ EPOXY COATING BEAM ENDS
  - ⑫ WATER LINE REMOVAL
- \* MEAN HIGH TIDE EL. 2.80  
 \*\* MEAN LOW TIDE EL. -1.80  
 \*\*\* HURRICANE HAZEL (1954) EL. 16.40

DRAWN BY : JACOB H. DUKE DATE : 10/2018  
 CHECKED BY : DIEGO A. AGUIRRE DATE : 10/2018  
 DESIGN ENGINEER OF RECORD : JACOB H. DUKE DATE : 10/2018

BENT #	STATION	BENT #	STATION	BENT #	STATION	BENT #	STATION	BENT #	STATION
END BENT 1	47+16.79	BENT 5	42+70.00	BENT 10	38+23.75	BENT 15	33+49.75	BENT 20	29+08.50
BENT 1	46+27.00	BENT 6	41+80.75	BENT 11	37+34.50	BENT 16	32+61.50	END BENT 2	28+18.17
BENT 2	45+37.75	BENT 7	40+91.50	BENT 12	36+14.50	BENT 17	31+73.25		
BENT 3	44+48.50	BENT 8	40.02.25	BENT 13	35+26.25	BENT 18	30+85.00		
BENT 4	43+59.25	BENT 9	39+13.00	BENT 14	34+38.00	BENT 19	29+96.75		

HYDRAULIC DATA FROM INITIAL DESIGN:

DESIGN HIGH WATER ELEVATION: 16.4 FT. (HURRICANE HAZEL)  
 FREQUENCY OF FLOOD: 500 YR.

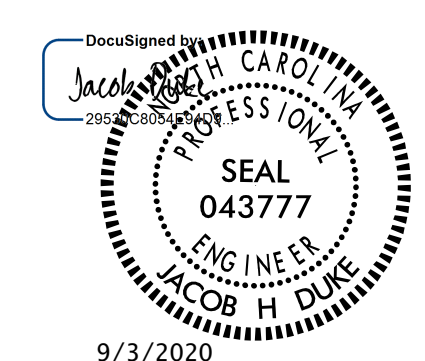
NOTES:

CURVE AND HYDRAULIC DESIGN DATA BASED ON INITIAL DESIGN.  
 STATIONING BASED ON EXISTING PLANS.  
 SPAN AND BENT NUMBERS BASED ON CURRENT BRIDGE INSPECTION REPORT.

ELEVATION

PROJECT NO. 15BPR.24  
 BRUNSWICK COUNTY  
 BRIDGE NO. 090013

SHEET 2 OF 2



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 GENERAL DRAWING  
 FOR BRIDGE OVER THE  
 INTRACOASTAL WATERWAY  
 BETWEEN BEACH DR. SW  
 AND E. 1ST ST.

DOCUMENT NOT CONSIDERED  
 FINAL UNLESS ALL  
 SIGNATURES COMPLETED

301 FAYETTEVILLE ST., SUITE 1500  
 RALEIGH, NC 27601  
 (919) 882-7839  
 LICENSE #: C-1506

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			S-3B
2			4			TOTAL SHEETS 45