

ELEVATION

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.

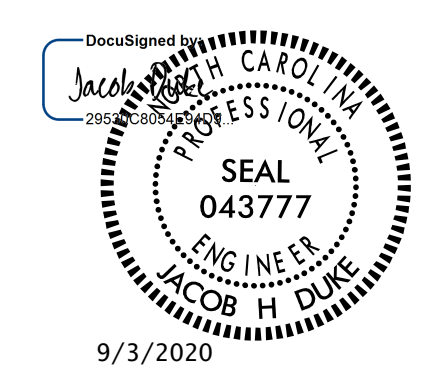
- NOTES:
- CURVE AND HYDRAULIC DESIGN DATA BASED ON INITIAL DESIGN. STATIONING BASED ON EXISTING PLANS.
- SPAN AND BENT NUMBERS BASED ON CURRENT BRIDGE INSPECTION REPORT.
- ① LMC OVERLAY
 - ② SILANE DECK TREATMENT
 - ③ SUPERSTRUCTURE CONCRETE REPAIRS (TYP)
 - ④ SUBSTRUCTURE CONCRETE REPAIRS (TYP)
 - 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

PROJECT NO. 15BPR.24

BRUNSWICK COUNTY

BRIDGE NO. 090013

SHEET 1 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.

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

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-3A
2			4			TOTAL SHEETS 45