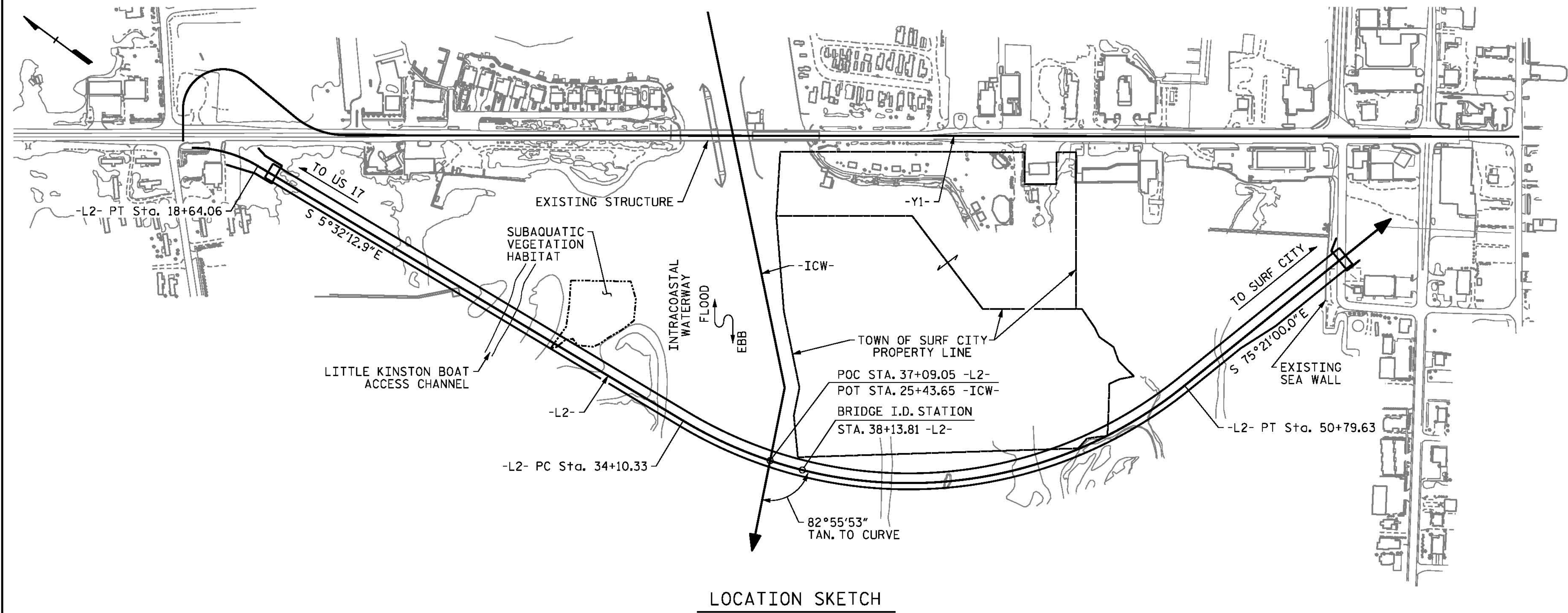


BM #1: STA. 11+22.59 -L1-, 30.59' RT., EL. 8.45



LOCATION SKETCH

**HYDRAULIC DATA**

DESIGN DISCHARGE ..... 83,000 CFS  
 FREQUENCY OF DESIGN DISCHARGE ..... 50 YRS  
 DESIGN HIGH WATER ELEVATION ..... 10.0'  
 DRAINAGE AREA ..... N/A  
 BASE DISCHARGE (Q100) ..... 113,000 CFS  
 BASE HIGH WATER ELEVATION ..... 11.3'

HYDRAULIC DATA AND SCOUR DATA USED IN DESIGN AND SHOWN ON THESE PLANS ARE FROM BRIDGE SURVEY REPORT (BSR) DATED 8/18/15 PROVIDED BY NCDOT AND FROM REVISED SCOUR CALCULATIONS RECEIVED FROM NCDOT ON JANUARY 8, 2016.

**OVERTOPPING FLOOD DATA**

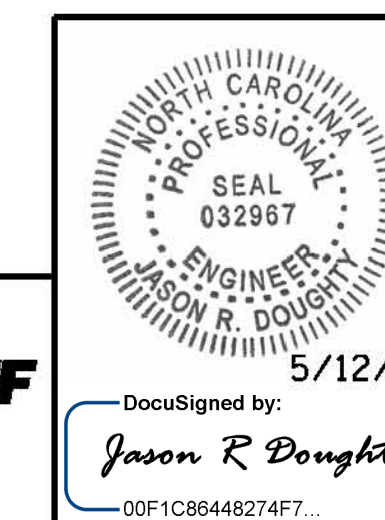
OVERTOPPING DISCHARGE ..... N/A  
 FREQUENCY OF OVERTOPPING FLOOD ..... N/A  
 OVERTOPPING FLOOD ELEVATION ..... N/A

PROJECT NO. B-4929  
PENDER COUNTY  
 STATION: 38+13.81 -L2-

5/9/2016 400\_045\_B4929\_SMU\_L.S.dgn

DESIGNED BY: B. LOFLIN DATE: JULY 2015  
 DRAWN BY: K. WHITE DATE: JULY 2015  
 CHECKED BY: J. DOUGHTY DATE: MAR 2016  
 DESIGN ENGINEER OF RECORD: J. DOUGHTY DATE: MAY 2016

**PARSONS BRINCKERHOFF**  
 434 FAYETTEVILLE STREET  
 SUITE 1500  
 RALEIGH, NC 27601  
 LICENSE NO. F-0165



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**GENERAL DRAWING**  
 FOR BRIDGE ON  
 NC 50/NC 210 OVER THE  
 INTRACOASTAL WATERWAY

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-24
1			3			TOTAL SHEETS
2			4			278

**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**