

NAVIGATION AIDS 2024-05-29 (+/- 20 ft)
Type & Number Latitude Longitude NC SPC 83/2011
RED LIGHT #2 35.20912152° N 75.7042776°W N 547376.3 E 2984249.2

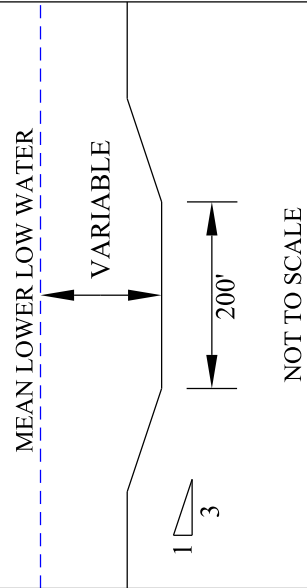
DESIGN CENTERLINE ALIGNMENT

Station Latitude Longitude NC SPC 83/2011
10+00.0 35.2080593°N 75.70261125°W N 547006.4 E 2,984,759.5
16+00.0 35.2093114°N 75.70391786°W N 547448.9 E 2,984,354.3

ALL DEPTHS ARE MEAN LOWER LOW WATER

200' CHANNEL IS SHOWN FOR REFERENCE PURPOSES ONLY,
IT DOES NOT DESIGNATE DREDGING LIMITS

HATTERAS
PROPOSED TYPICAL SECTION



DATUM :
GRIDS = STATE PLANE NAD83
VERTICAL CURVES = NC DOT
DISTANCE UNIT = US SURVEY FOOT
DEPTH UNIT = US SURVEY FOOT
ELLIPSOID = WGS84
GEOID MODEL = G2012b CONUS
V DATUM = NCmer 83_1101
MLLW

NOTES:

PROJECT SURVEYED WITH THE NCDOT LOCATION AND SURVEYS SONAR
VESSEL SING VLS AND GSS EQUIPMENT UTILIZING THE NUNESS RTN,
APLANIX POSMV IMU AND EDGE TECH G555 SOUNDING EQUIPMENT.

DATA SHOWN ON THIS MAP REPRESENTS THE RESULT OF THE SURVEYS
MADE ON THE DATES INDICATED AND REPRESENT CONDITIONS EXISTING
AT THAT TIME.

ANY AREAS INSIDE DESIGN CHANNEL WITH NO SURVEY DATA ARE TOO
SHALLOW FOR SURVEY BOAT ACCESS.

THIS SURVEY FALLS UNDER NCBEL'S HYDROGRAPHIC SURVEYS POLICY
BP-1110-1 AND MEETS THE DEFINITION OF LAND SURVEYING UNDER
G.S. 89C-37(a)(5). AND WAS PERFORMED BY, OR UNDER THE RESPONSIBLE
CHARGE OF A PROFESSIONAL LAND SURVEYOR PER BOARD
RULE 21-56.0701(c)(3).

EXISTING CONDITIONS

HATTERAS BASIN

SURVEY DATE
MAY 29, 2024

Map Produced By NCDOT, Location & Surveys

North Carolina Dept of Transportation
Location & Surveys Unit
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STATE LOCATION & SURVEYS ENGINEER
REGIONAL AUTOMATION SURVEYS ENGINEER
KEVIN R. BARREFOOT, PLS
SONAR OPERATIONS ENGINEER

DATES OF SURVEY:

MAY 29, 2024

SURVEYED BY :

MOH, TK,

MAPPED BY :

KRB

FILE NAME :
HATTERAS BASIN_LIS_SSG_240529.PDF

