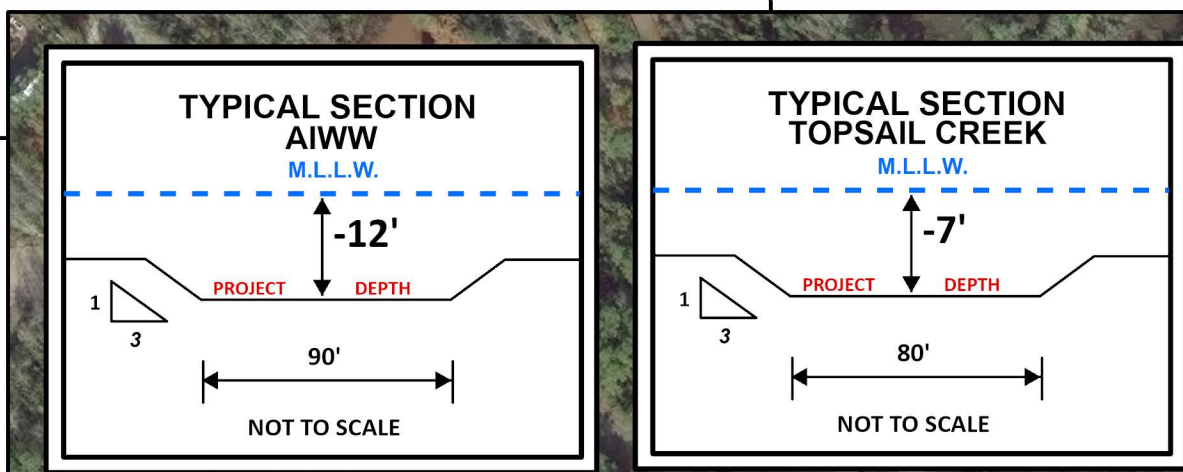
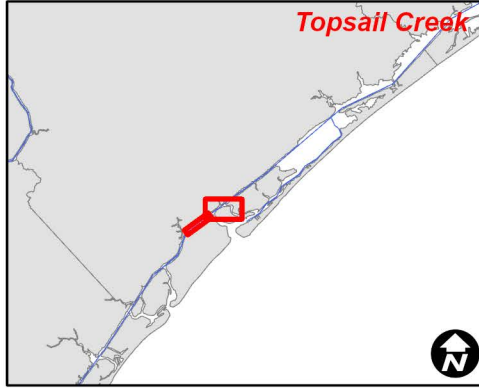
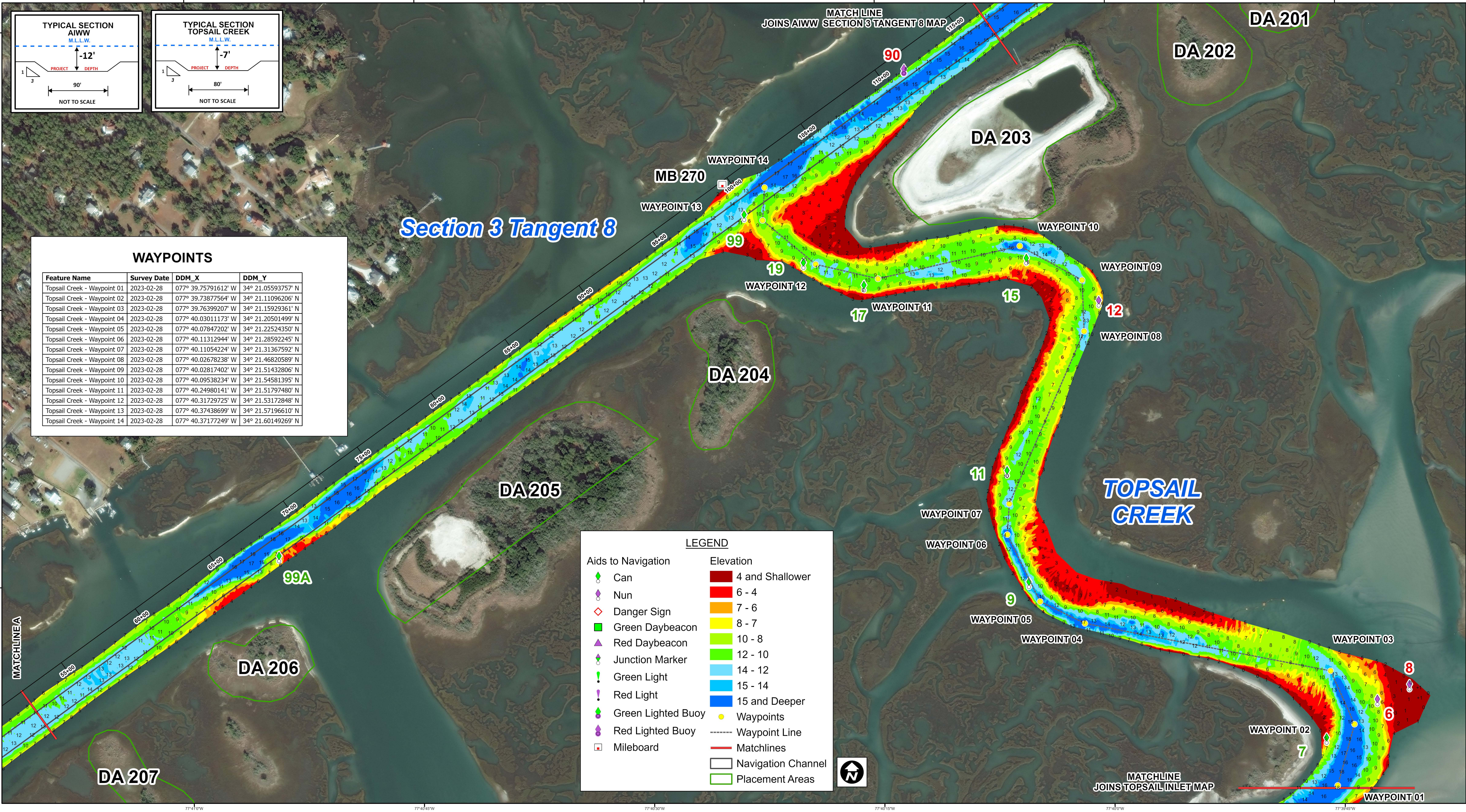


1. ELEVATIONS ARE IN FEET AND REFER TO NOAA'S REPORTED MEAN LOWER LOW WATER (MLLW) RELATIVE TO THE 1983-2001 TIDAL EPOCH.
2. PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "ROGERS", USING RTK GPS HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.
3. HORIZONTAL DATUM NAD 1983. VERTICAL DATUM M.L.L.W..
4. TIDE GAGE LOCATED AT: MILEBOARD 270  
USE OF TIDE VALUES FOR THIS GAGE ARE RESTRICTED TO QUALITY ASSURANCE PURPOSES FOR VERIFICATION OF RTK TIDES. THE WILMINGTON DISTRICT WILL ONLY USE STAFF GAGE TIDE VALUES FOR FINAL MAPPING AND QUANTITY CALCULATIONS IF RTK GPS IS UNAVAILABLE AT THE TIME OF SURVEY.
5. THIS PROJECT WAS DESIGNED BY THE WILMINGTON DISTRICT OF THE U.S. ARMY CORPS OF ENGINEERS. THE INITIALS AND SIGNATURES AND REGISTRATION DESIGNATIONS OF INDIVIDUALS APPEAR ON THESE PROJECT DOCUMENTS WITHIN THE SCOPE OF THEIR EMPLOYMENT AS REQUIRED BY ER1110-18152.
6. THE INFORMATION DEPICTED ON THIS SURVEY MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME. THESE CONDITIONS ARE SUBJECT TO RAPID CHANGE DUE TO SHOALING EVENTS. A PRUDENT MARINER SHOULD NOT RELY EXCLUSIVELY ON THE INFORMATION PROVIDED HERE. REQUIRED BY 33 CFR 209.325
7. NAVIGATION AIDS LOCATED WITH DISTRICT SURVEY VESSEL. ACCURACY +/- 3 METERS.
8. FOR THE MOST UP TO DATE MAPPING PLEASE CHECK OUR WEBSITE AT:  
[WWW.SAW.USACE.ARMY.MIL](http://WWW.SAW.USACE.ARMY.MIL)



## WAYPOINTS

Feature Name	Survey Date	DDM_X	DDM_Y
Topsail Creek - Waypoint 01	2023-02-28	077° 39.75791612' W	34° 21.05593757' N
Topsail Creek - Waypoint 02	2023-02-28	077° 39.7387564' W	34° 21.11096206' N
Topsail Creek - Waypoint 03	2023-02-28	077° 39.76392007' W	34° 21.15929361' N
Topsail Creek - Waypoint 04	2023-02-28	077° 40.03011173' W	34° 21.20501499' N
Topsail Creek - Waypoint 05	2023-02-28	077° 40.07847202' W	34° 21.22524350' N
Topsail Creek - Waypoint 06	2023-02-28	077° 40.11312944' W	34° 21.28592245' N
Topsail Creek - Waypoint 07	2023-02-28	077° 40.11054224' W	34° 21.31367592' N
Topsail Creek - Waypoint 08	2023-02-28	077° 40.02678238' W	34° 21.46820589' N
Topsail Creek - Waypoint 09	2023-02-28	077° 40.02817402' W	34° 21.51432806' N
Topsail Creek - Waypoint 10	2023-02-28	077° 40.09538234' W	34° 21.54581395' N
Topsail Creek - Waypoint 11	2023-02-28	077° 40.24980141' W	34° 21.51797480' N
Topsail Creek - Waypoint 12	2023-02-28	077° 40.31729725' W	34° 21.53172848' N
Topsail Creek - Waypoint 13	2023-02-28	077° 40.37438699' W	34° 21.57196610' N
Topsail Creek - Waypoint 14	2023-02-28	077° 40.37177249' W	34° 21.60149269' N



SURVEY DATE: 28 FEBRUARY - 6 MARCH 2024	SURVEYED BY: LMT, DJD
MAP DATE: 08 MARCH 2024	MAPPED BY: K7OPNAGF
	PROCESSED BY: K7OPNAGF
MAP SCALE: 1:3,000	
IMAGERY DATE: 12 DECEMBER 2023	
© 2023 MAXAR TECHNOLOGIES	MAP FILE NAME: IN_05_TOC_20240228_CS

HYDROGRAPHIC SURVEY

U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
WILMINGTON, NORTH CAROLINA

Topsail Creek  
And Crossing

TOPSAIL ISLAND, NORTH CAROLINA