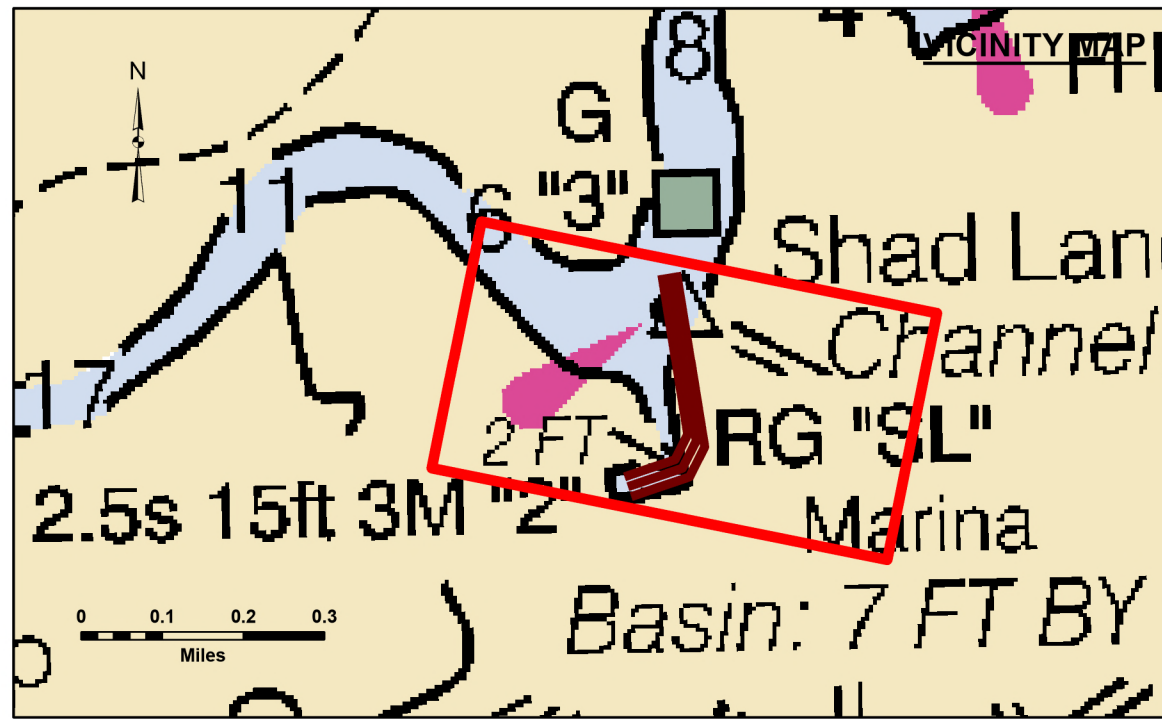
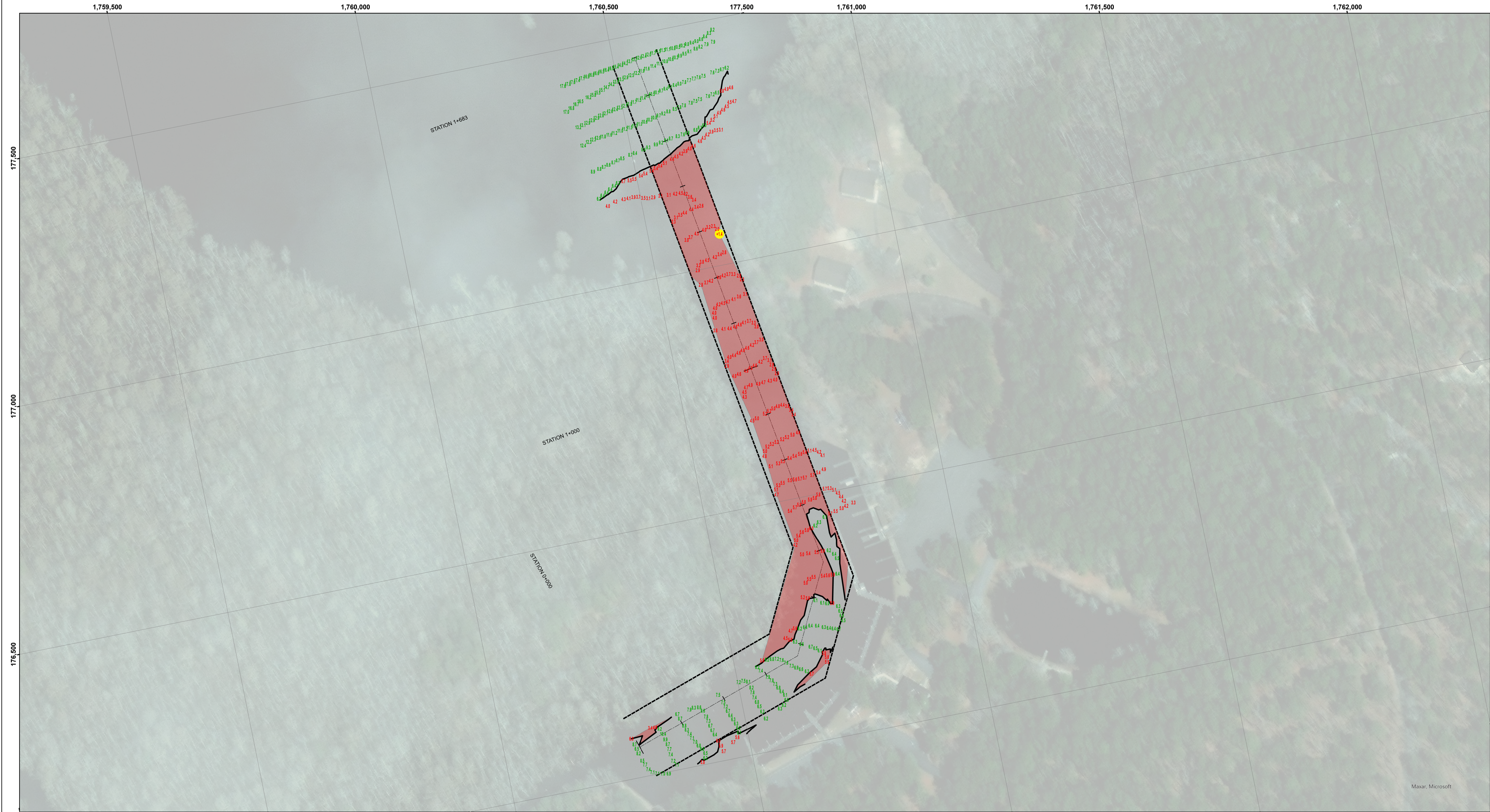
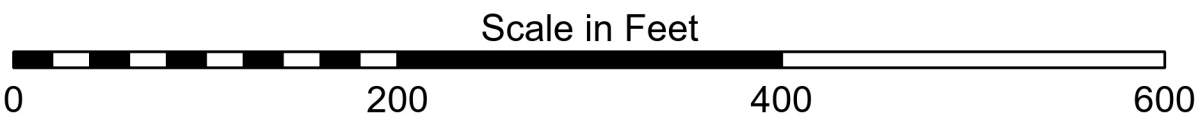




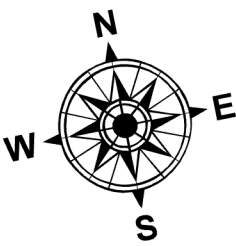
LEGEND			
---	Federal Navigation Channel Toe	◆	Red Navigation Buoy
---	Federal Navigation Center line	◆	Green Navigation Buoy
---	Contour Line	◆	Nun
■	Shoaling Area	◆	Can
●	Shoalest Sounding	▲	Red Day Beacon
		■	Green Day Beacon



NOTES:

1. STATIONS ARE AT 1000' INTERVALS.
2. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.
3. VERTICAL DATUM: M.L.L.W., FOR THE '83 TO '01 TIDAL EPOCH.
4. HORIZONTAL DATUM: NORTH AMERICAN 1983 DATUM, MARYLAND STATE PLANE COORDINATE SYSTEM.
5. SURVEYED BY THE MV BUCK USING A TRIMBLE GLOBAL POSITIONING SYSTEM.
6. THE BOTTOM WAS DEFINED BY AN ODOM ECHOSOUNDER AND A 200KHZ TRANSDUCER.
7. PROJECT DEPTH: 6 FEET.
8. CHANNEL WIDTH IS 100 FEET.
9. TIDE OBSERVED AT BISHOPS HEAD NOAA AUTO GAUGE (8571421). TIDAL ZONING WAS APPLIED ACCORDING TO NOAA CO-OPS DISCRETE TIDAL ZONING MAP ([HTTPS://WWW.ARCGIS.COM/HOME/ITEM.HTML?ID=21D7B399E6FA42E18A72EE30BE9AA5C9](https://www.arcgis.com/home/item.html?id=21D7B399E6FA42E18A72EE30BE9AA5C9)).

TIDAL BENCH MARK	
TIDAL BENCH MARK IS BENCH MARK SHAD 3C 2014. BENCH MARK IS A STANDARD SURVEY DISK STAMPED "SHAD 3C 2014". FROM THE INTERSECTION OF RTE 13 AND RTE 113 GO NE ON RTE 113 FOR 8.0 MILES TO THE ENTRANCE TO SHAD LANDING STATE PARK AND MAKE A LEFT. FOLLOW ROAD FOR 0.62 MILES TO BOAT RAMP. STATION IS ABOUT 500 FEET SW OF THE BOAT RAMP. STATION IS 22.2 FEET E OF A LIGHT POLE, 103.3 FEET W OF A LIGHT POLE, 3.6 FEET N OF THE EDGE OF PARKING LOT, 30.1 FEET E OF THE FIRST PILING ON THE LAST DOCK OF THE MARINA, 44.4 FEET ESE OF THE INSIDE CORNER PILING OF THE CROSS DOCK AND 2 INCHES BELOW GROUND.	
BENCH MARK ELEV. IS 4.02' ABOVE MLLW FOR THE '83-'01 TIDAL EPOCH. COMPUTED USING GEOID12B.	
BENCH MARK	MLLW ELEV.
SHAD 3C 2014	5.70'
SHAD 2B 2014	5.18'
SHAD 1A 2014	5.42'



DISCLAIMER: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the Government makes no warranty, expressed, implied, or otherwise, as to the accuracy, completeness, or reliability of the data. The recipient is responsible for the results of any application of the data for other than its intended purpose. The recipient may not transfer these data to others without also transferring the Disclaimer.

U.S. ARMY CORPS OF ENGINEERS		
BALTIMORE DISTRICT		
Submitted:	Surveyed By:	
Recommended:	Plotted By:	
Approved:	Checked By:	

WORCESTER COUNTY
Shad Landing
MD_51_051_20230517_CS
17 May 2023

Sheet
Reference
Number
1 of 1

SHAD LANDING CHANNEL COORDINATES

LEFT SIDE GEOMETRY		CENTERLINE			RIGHT SIDE GEOMETRY	
NORTHING	EASTING	STATION	NORTHING	EASTING	NORTHING	EASTING
176108.89	1760259.91	0+00	176061.52	1760275.93	176014.16	1760291.96
176222.51	1760595.70	0+375.01	176181.72	1760631.16	176222.51	1760595.70
176398.91	1760684.42	0+575.01	176360.39	1760721.02	176398.91	1760684.42
177449.20	1760515.04	1+682.71	177453.97	1760721.02	177449.20	1760515.04