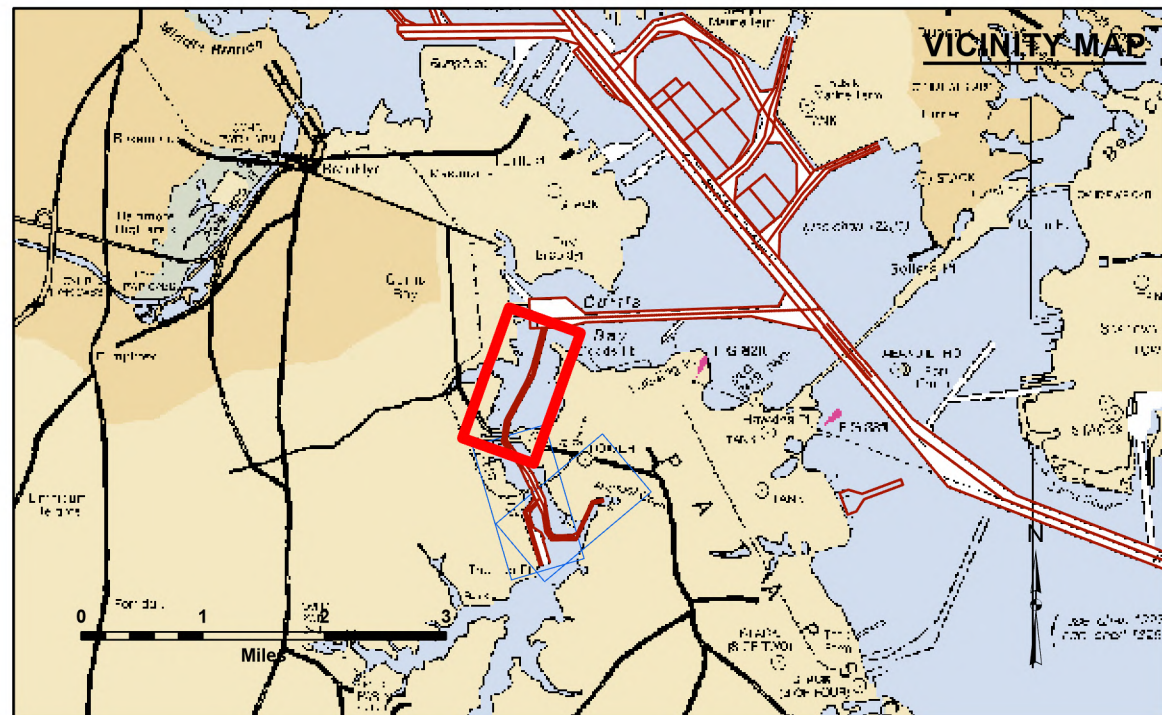
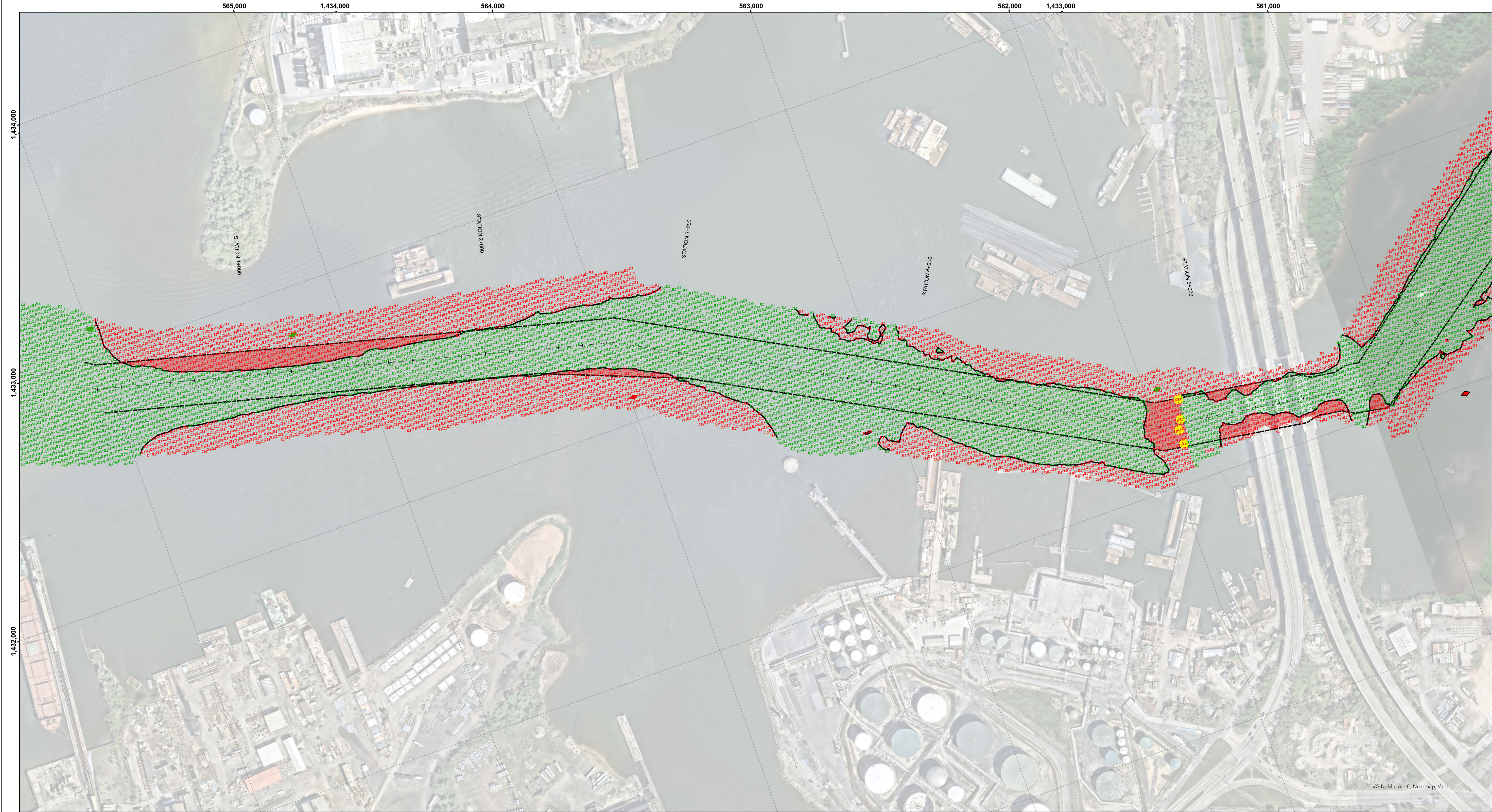
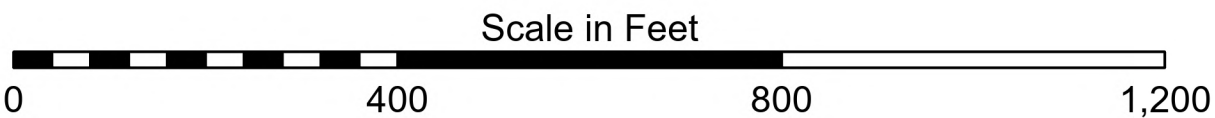




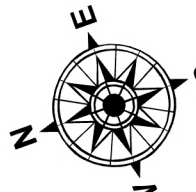
LEGEND			
---	Federal Navigation Channel Toe	◆	Red Navigation Buoy
---	Federal Navigation Center Line	◆	Green Navigation Buoy
---	Contour Line	◆	Nun
■	Shoaling Area	◆	Can
●	Shoalest Sounding	▲	Red Day Beacon
		■	Green Day Beacon



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 CATLETT USING A TRIMBLE GLOBAL POSITIONING SYSTEM.
6. THE BOTTOM WAS DEFINED BY A RZSONIC 2024 SONAR SYSTEM.
7. PROJECT DEPTH: FROM 0+00 TO 4+800 35 FEET, FROM 4+900 TO 13+629 22 FEET.
8. CHANNEL WIDTH IS 200 FEET.
9. TIDE OBSERVED AT FORT MCHENRY NOAA AUTO GAUGE (8574680), TIDAL ZONING WAS APPLIED ACCORDING TO NOAA CO-OPS DISCRETE TIDAL ZONING MAP ([HTTPS://WWW.ARCGIS.COM/APPS/MAPVIEWER/INDEX.HTML?WEBMAP=21D7B399E6FA42E18A72EE30BE9AA5C9](https://www.arcgis.com/apps/mapviewer/index.html?webmap=21d7b399e6fa42e18a72ee30be9aa5c9)).

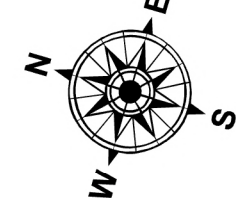
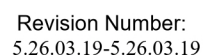
TIDAL BENCH MARK	
TIDAL BENCHMARK IS BENCHMARK 4680 B 1997. BENCHMARK IS AN ALUMINUM ALLOY ROD IN SLEEVE STAMPED "4680 B 1997". THE BENCH MARK IS LOCATED IN THE LAWN ON THE NORTH SIDE OF THE US CORPS OF ENGINEERS FT MCHENRY, 91.1 FT SE OF POWER POLE NUMBER 816425 ON THE EAST SIDE OF THE PARKING LOT, 80.6 FT SW OF THE SEAWALL, AND 15.7 FT NNE OF THE NE FACE OF THE OFFICE BUILDING. THE POINT IS SET 0.4 FT BELOW GROUND.	
BENCH MARK ELEV. IS 5.47' ABOVE MLLW FOR THE '83-'01 TIDAL EPOCH. COMPUTED USING GEOID 18.	
BENCH MARK	MLLW ELEV
4680 B 1997	5.47'
BARNES	5.42'
FORT MCHENRY	5.48'

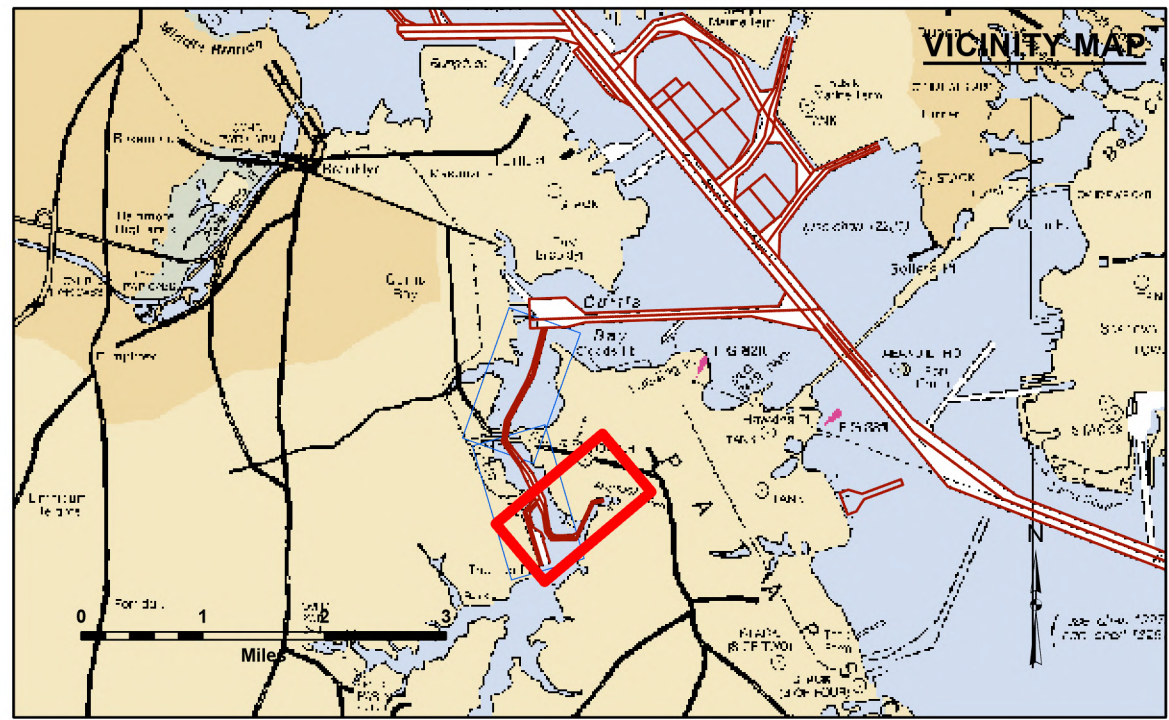
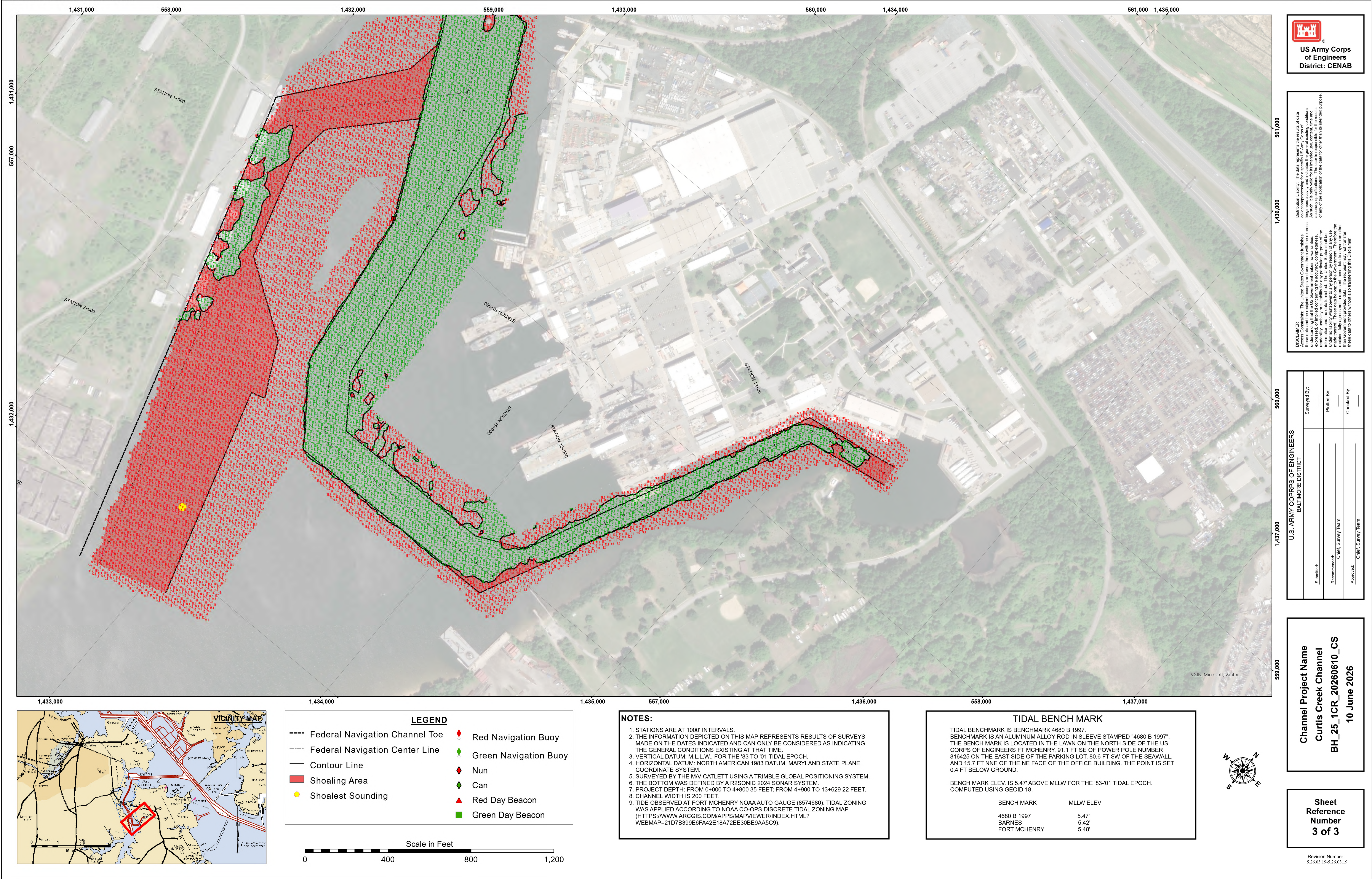


U.S. ARMY CORPS OF ENGINEERS BALTIMORE DISTRICT		
Submitted:	Surveyed By:	
Recommended:	Plotted By:	
Approved:	Chief, Survey Team	

Channel Project Name
Curtis Creek Channel
BH_25_1CR_20260610_CS
10 June 2026

Sheet
Reference
Number
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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

Scale in Feet

0 400 800 1,200

NOTES:

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BENCH MARK	MLLW ELEV
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US Army Corps of Engineers
District: CENAB

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U.S. ARMY CORPS OF ENGINEERS BALTIMORE DISTRICT		
Submitted:	Surveyed By:	
Recommended:	Plotted By:	
Approved:	Chief, Survey Team	
	Chief, Survey Team	

Channel Project Name
Curtis Creek Channel
BH_25_1CR_20260610_CS
10 June 2026

Sheet Reference Number
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CURTIS CREEK CHANNEL COORDINATES

LEFT SIDE		CENTERLINE			RIGHT SIDE	
EASTING	NORTHING	STATION	EASTING	NORTHING	EASTING	NORTHING
1433185.80	566380.00	0+000.00	1432967.90	566436.00	1432871.10	566460.90
1433136.70	566289.40	2+528.54	1432338.70	563987.00	1432321.40	564321.40
1432965.20	566023.70	4+796.14	1431260.00	561992.40	1432098.50	563753.10
1432432.90	563950.20	5+691.71	1431127.40	561106.70	1431161.10	562007.30
1431358.90	561977.60	7+488.17	1432169.10	559643.10	1431072.20	561413.90
1431270.00	561384.30	9+018.53	1432843.80	558269.50	1431084.60	561361.50
1431242.80	561337.80	10+103.69	1433005.80	557196.50	1431069.80	561262.60
1431228.00	561238.90	10+462.11	1433217.80	556907.50	1431042.60	561216.10
1431240.40	561186.50	11+497.26	1434252.80	556925.50	1431022.50	561081.60
1431232.20	561131.80	13+181.98	1434968.80	558450.50	1431998.50	559559.30
1432339.60	559726.80	13+628.52	1435408.80	558526.60	1432219.00	559110.50
1432560.00	559278.10				1432276.90	559083.30
1432546.20	559215.50				1432343.10	558948.60
1432612.30	559080.90				1432329.20	558886.10
1432670.30	559053.70				1432792.60	557938.20
1432886.30	558613.90				1432910.60	557157.20
1433101.00	557235.80				1433167.70	556806.60
1433267.80	557008.40				1434261.06	556825.63
1434068.10	557022.30				1435003.00	558405.70
1434292.50	557127.80				1435417.30	558477.30
1434934.60	558495.40					
1435400.30	558575.80					