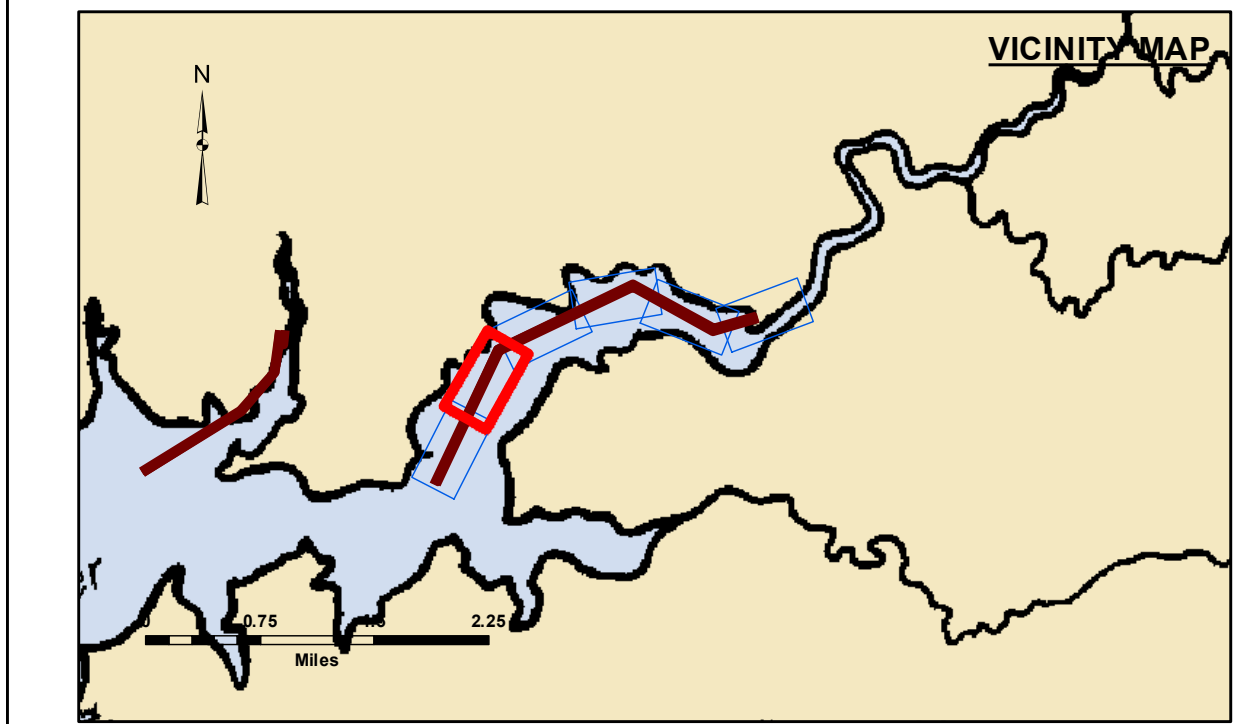
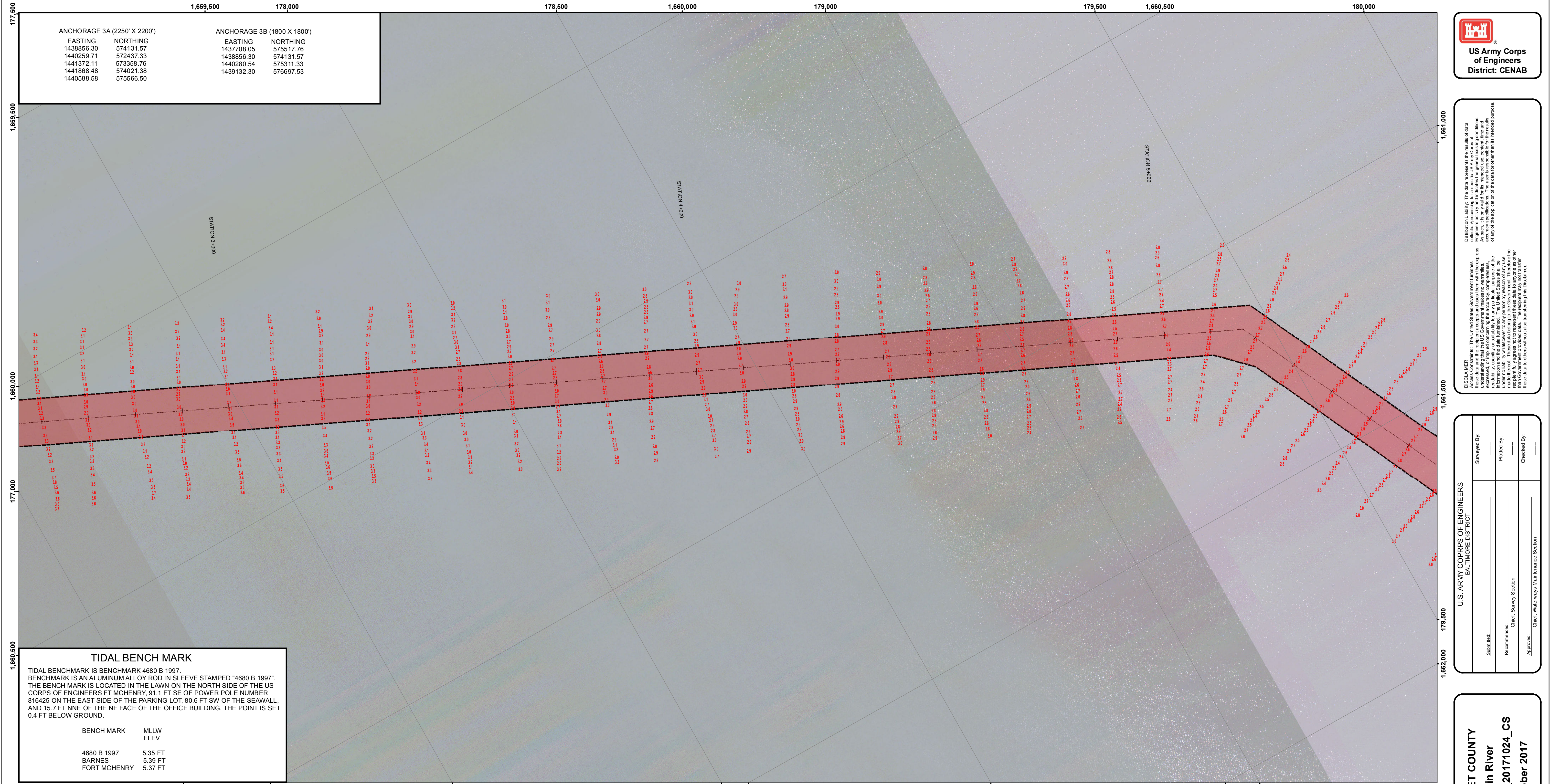




--- Federal Navigation Channel Toe

--- Federal Navigation Center line

..... Cable Submarine

- - - Cable Overhead

— Contour Line

Cable Area

Placement Area

Anchorage Area

Obstruction Point

Wrecks-Submerged

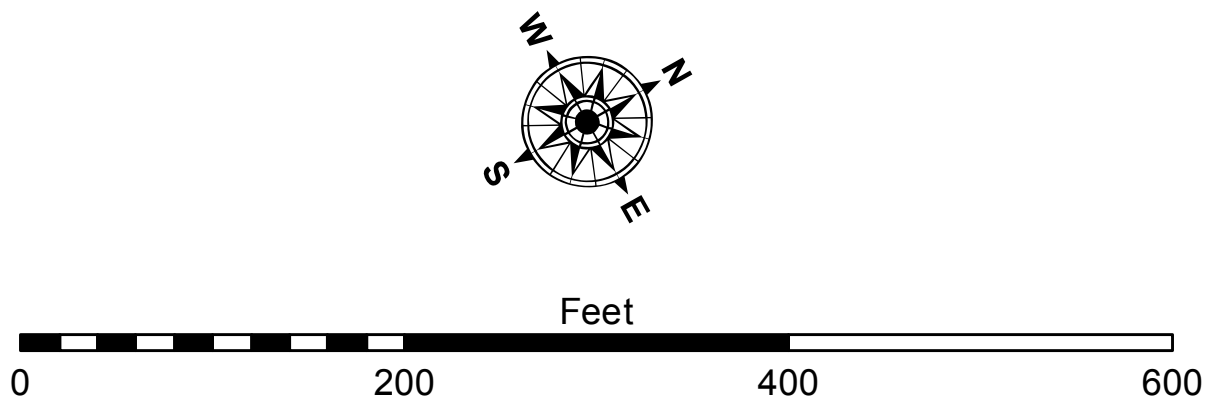
Shoaling Area

Shoalest Sounding**

Beacon, General

Red Navigation Buoy

Green Navigation Buoy

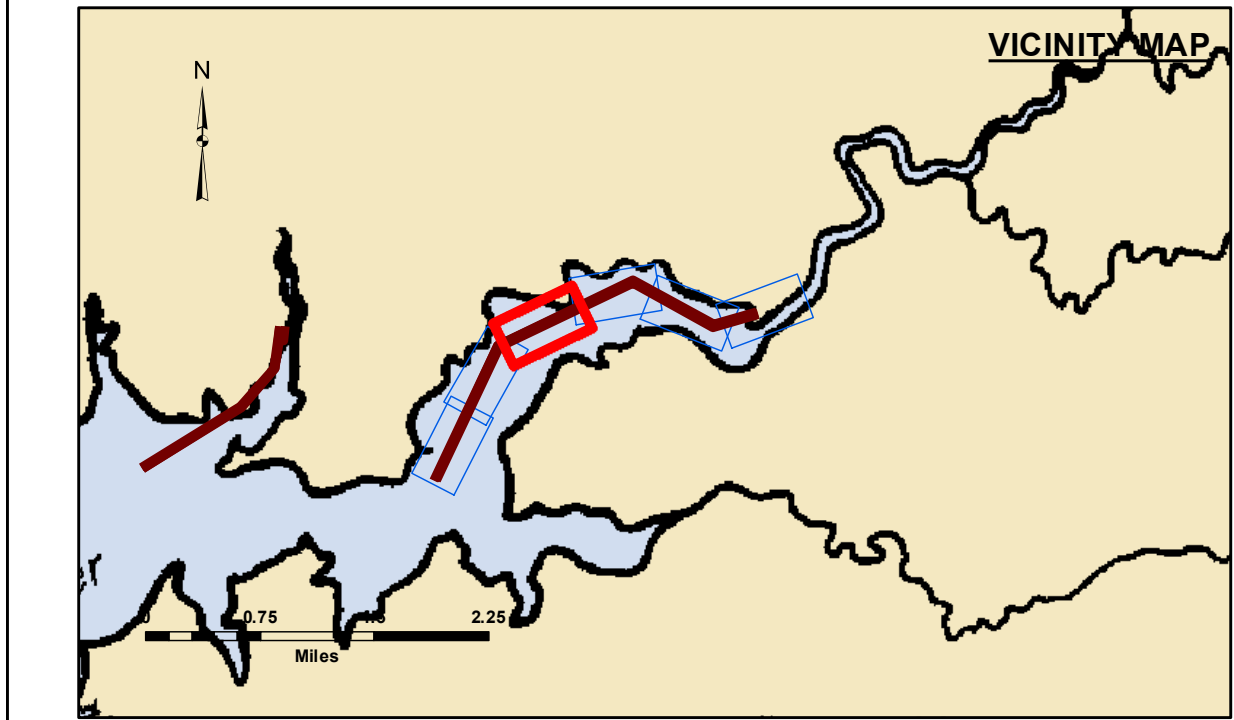
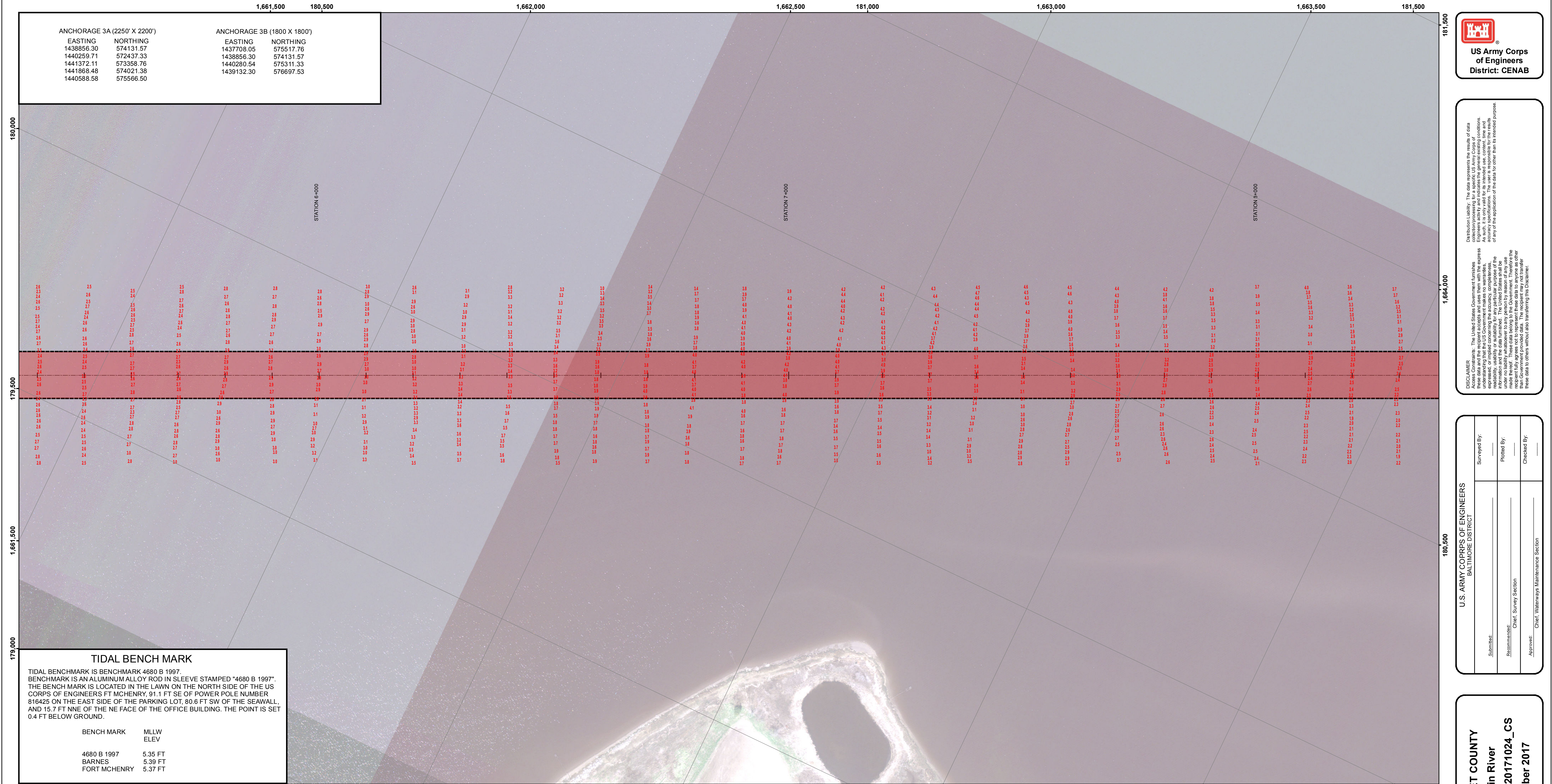


- NOTES:**
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 3. VERTICAL DATUM: M.L.L.W., FOR THE '83 TO '01 TIDAL EPOCH.
 4. HORIZONTAL DATUM: NORTH AMERICAN 1983 DATUM, MARYLAND STATE PLANE COORDINATE SYSTEM.
 5. SURVEYED BY THE SV LINTHICUM USING A TRIMBLE GLOBAL POSITIONING SYSTEM.
 6. THE BOTTOM WAS DEFINED BY A R2SONICS 2024 SONAR SYSTEM (200KHZ FREQUENCY).
 7. PROJECT DEPTH: 6 FEET.
 8. TIDE OBSERVED AT FORT MCHENRY.

U.S. ARMY CORPS OF ENGINEERS BALTIMORE DISTRICT		
Submitted:	Surveyed By: _____	
Recommended:	Plotted By: _____	
Approved:	Checked By: _____	
	Chief, Waterways Maintenance Section	

SOMERSET COUNTY
Manokin River
MD_45_045_20171024_CS
24 October 2017

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---- Federal Navigation Channel Toe

----- Federal Navigation Center line

..... Cable Submarine

- - - Cable Overhead

— Contour Line

Cable Area

Placement Area

Anchorage Area

Obstruction Point

Wrecks-Submerged

Shoaling Area

Shoalest Sounding**

Beacon, General

Red Navigation Buoy

Green Navigation Buoy

Feet

0200400600

W

N

E

S

NOTES:

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U.S. ARMY CORPS OF ENGINEERS
BALTIMORE DISTRICT

Submitted:

Reviewed By:

Chief, Survey Section

Surveyed By:

Plotted By:

Checked By:

SOMERSET COUNTY

Manokin River

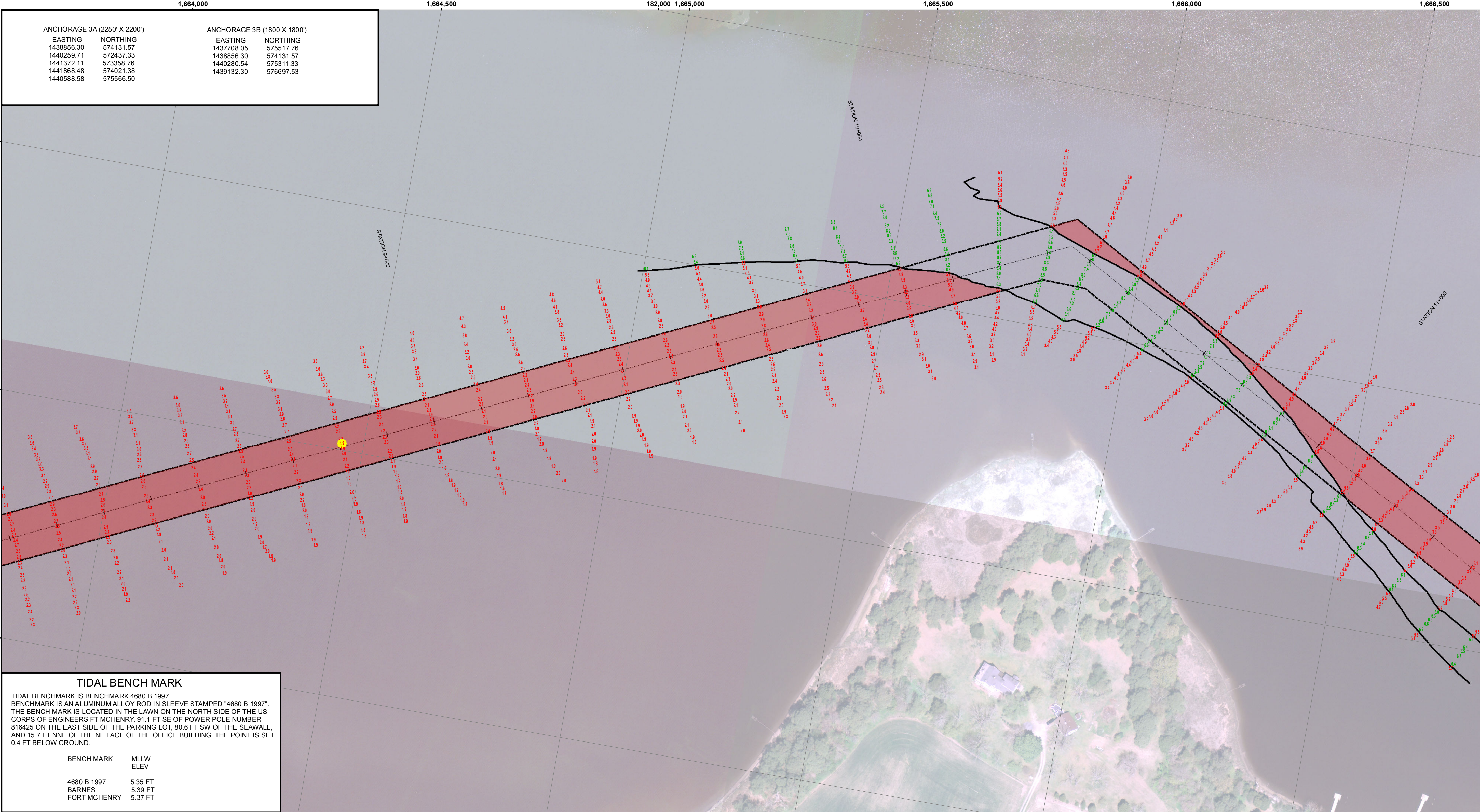
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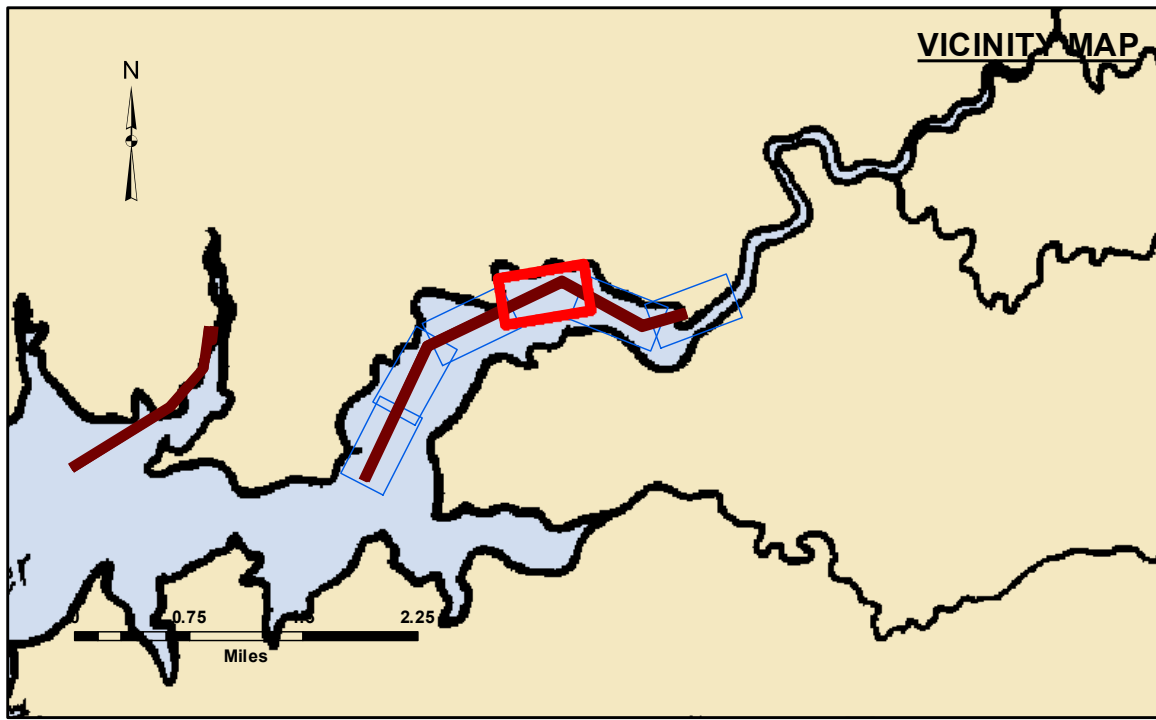
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Revision Number:
3.12-20160811

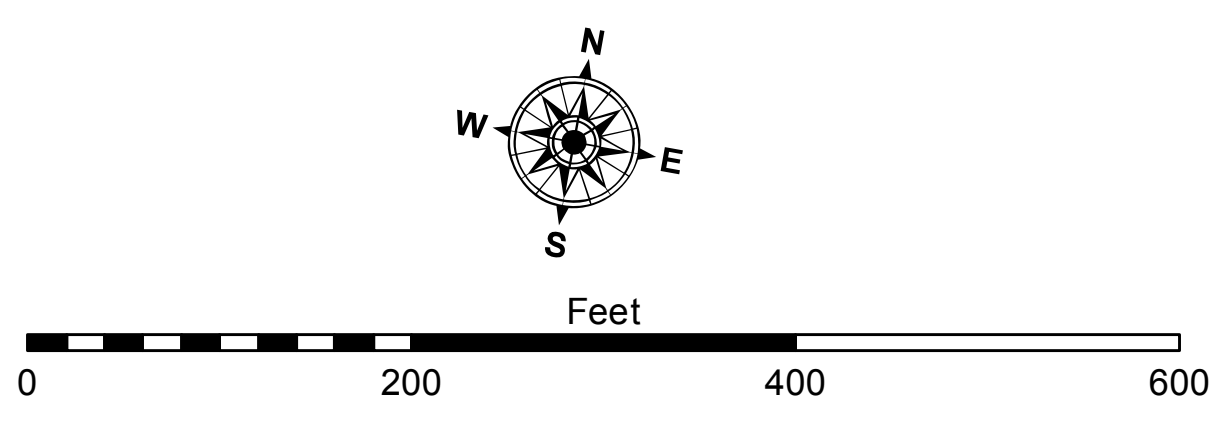


ANCHORAGE 3A (2250' X 2200')		ANCHORAGE 3B (1800 X 1800')	
EASTING	NORTHING	EASTING	NORTHING
1438856.30	574131.57	1437708.05	575517.76
1440259.71	572437.33	1438856.30	574131.57
1441372.11	573358.76	1440280.54	575311.33
1441868.48	574021.38	1439132.30	576697.53
1440588.58	575566.50		

TIDAL BENCH MARK	
TIDAL BENCHMARK IS BENCHMARK 4680 B 1997. BENCHMARK IS AN ALUMINUM ALLOY ROD IN SLEEVE STAMPED "4680 B 1997". THE BENCHMARK 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	MLLW ELEV
4680 B 1997	5.35 FT
BARNES	5.39 FT
FORT MCHENRY	5.37 FT



LEGEND		
--- Federal Navigation Channel Toe	Cable Area	Shoaling Area
--- Federal Navigation Center line	Placement Area	Shoalest Sounding**
..... Cable Submarine	Anchorage Area	Beacon, General
- - - Cable Overhead	Obstruction Point	Red Navigation Buoy
— Contour Line	Wrecks-Submerged	Green Navigation Buoy



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DISCLAIMER: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are not to be used for any purpose other than that for which they were originally collected. The data are not to be used for any purpose other than that for which they were originally collected. The data are not to be used for any purpose other than that for which they were originally collected. The data are not to be used for any purpose other than that for which they were originally collected.

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Submitted:	Surveyed By:	
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Approved:	Chief, Waterways Maintenance Section	

SOMERSET COUNTY
Manokin River
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