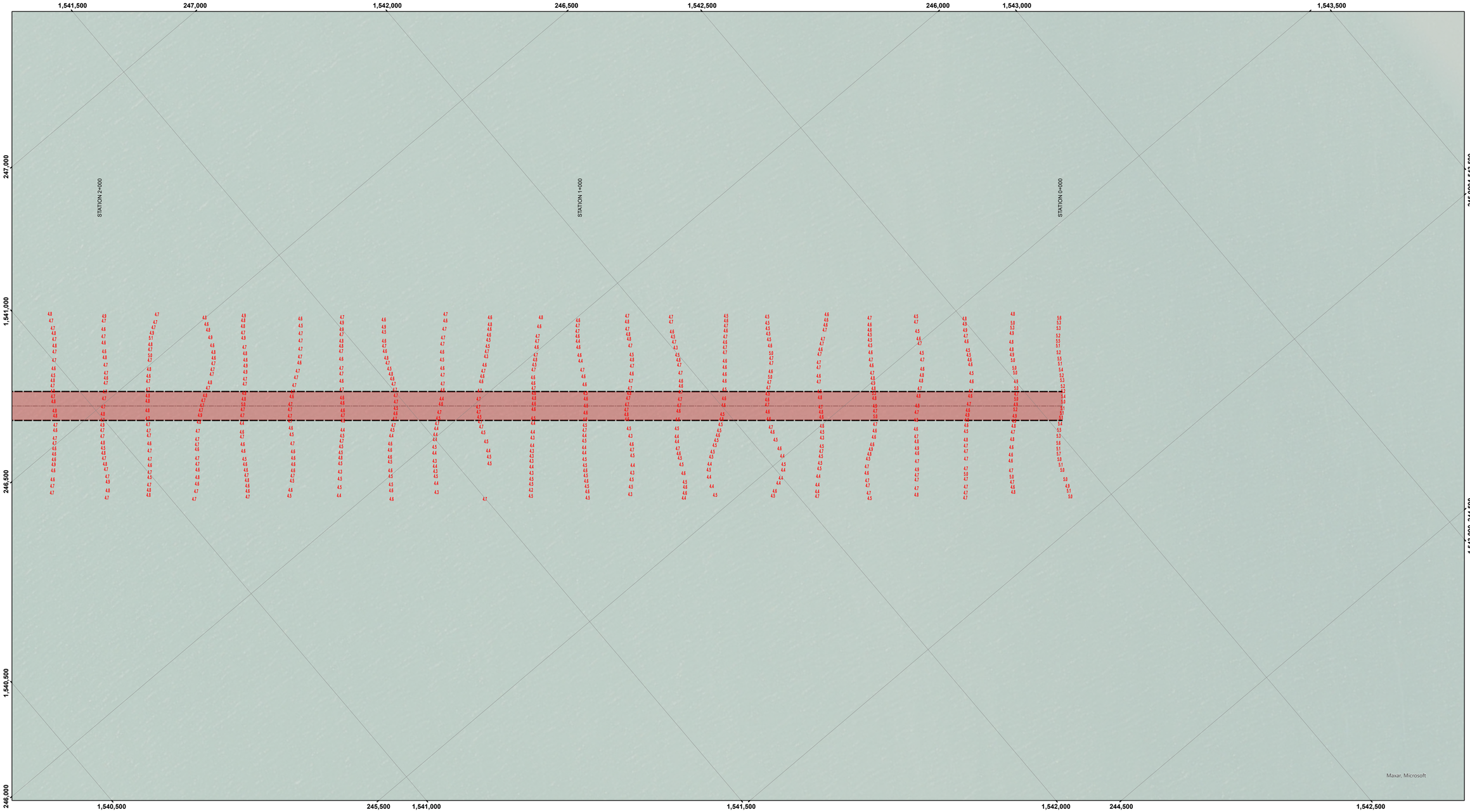
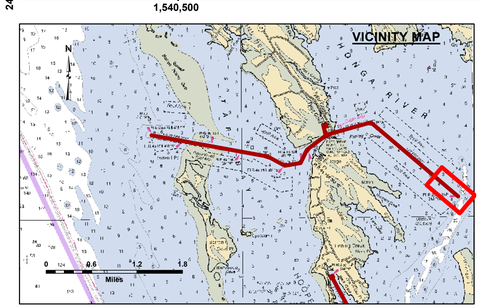




LEGEND

- Federal Navigation Channel Toe
- Federal Navigation Center Line
- Contour Line
- Shoaling Area
- Shoalest Sounding
- Red Navigation Buoy
- Green Navigation Buoy
- Nun
- Can
- Red Day Beacon
- Green Day Beacon

Scale in Feet

0 200 400 600

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BENCHMARK	MLLW ELEV.
SCHULTZ 2006	4.50'
PACK	10.43'

US Army Corps of Engineers
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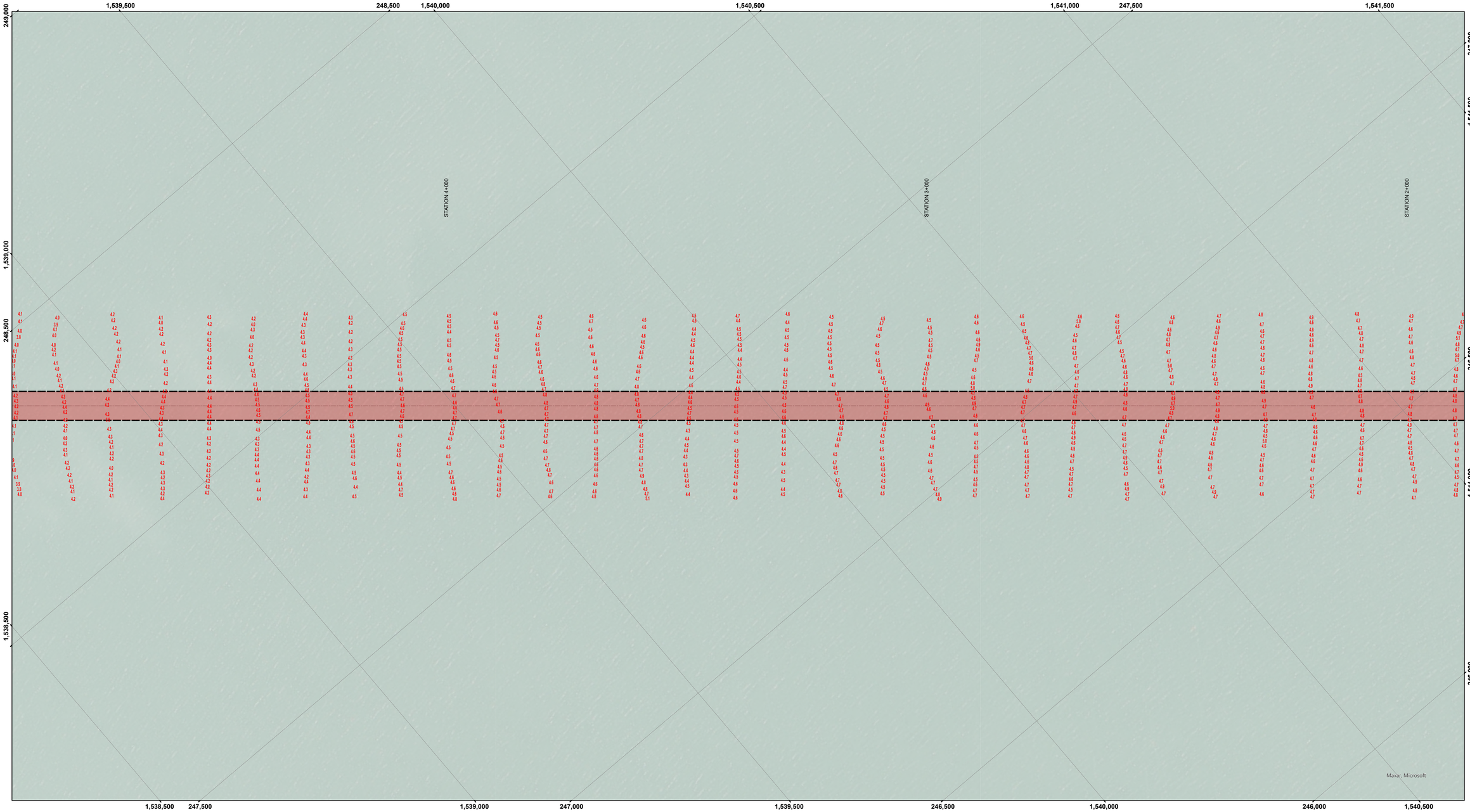
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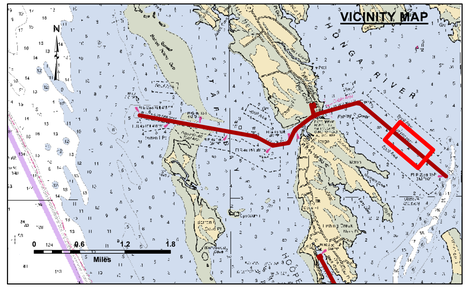
Submitted:	Surveyed By: ____	
Recommended:	Plotted By: ____	Chief, Survey Team
Approved:	Checked By: ____	Chief, Survey/Debris Removal Section

DORCHESTER COUNTY
Honga River
MD_33_033_20230202_CS
02 February 2023

Sheet Reference Number
1 of 9

Revision Number:
5.23.1.24-5.23.1.24





LEGEND

- Federal Navigation Channel Toe
- Federal Navigation Center Line
- Contour Line
- Shoaling Area
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- Red Navigation Buoy
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Scale in Feet

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PACK	10.43'

US Army Corps of Engineers
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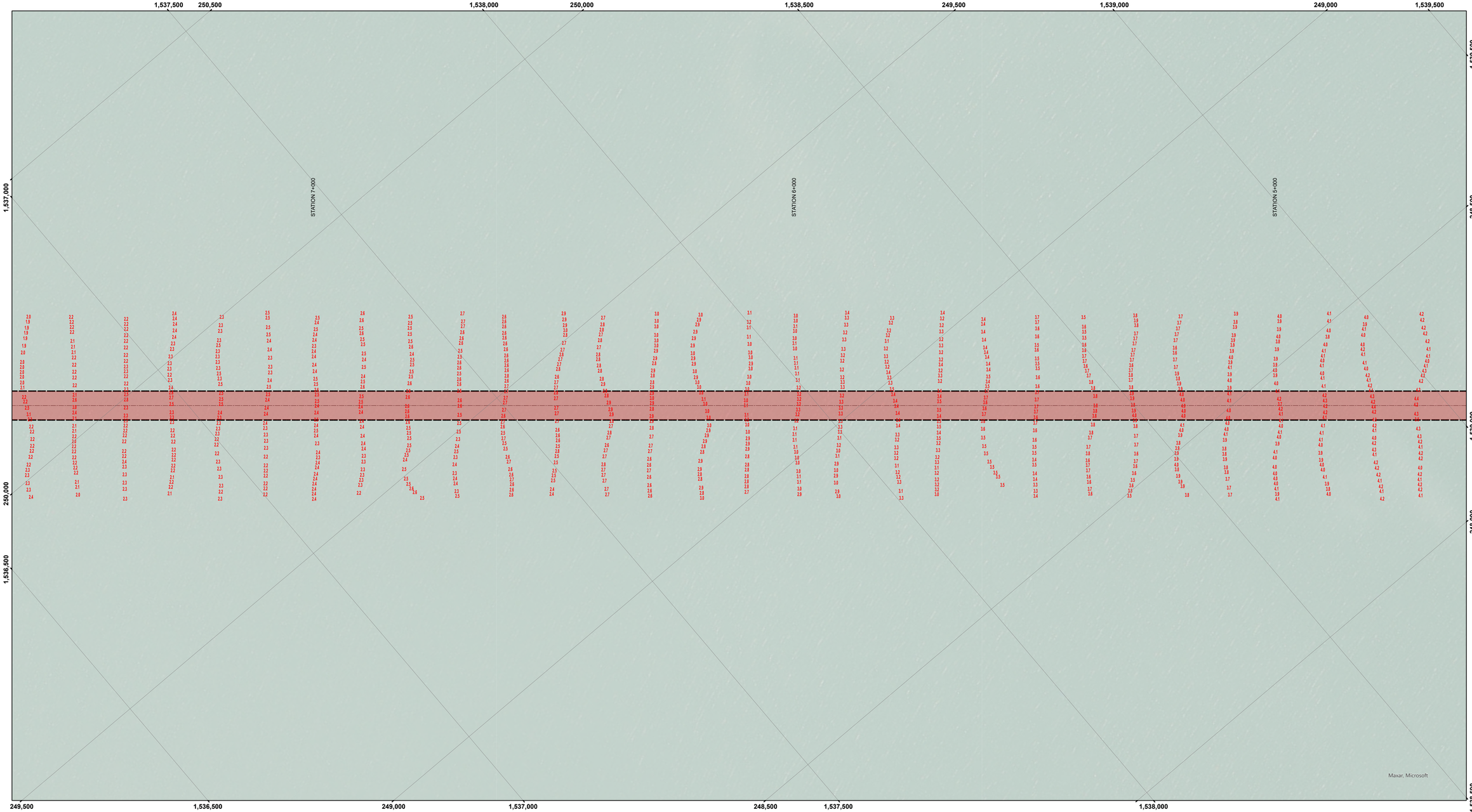
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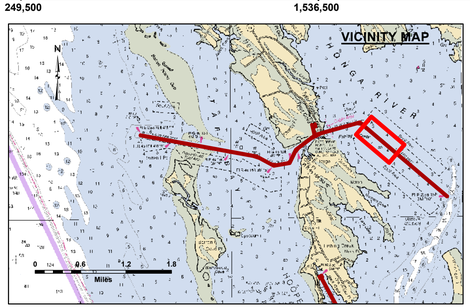
Submitted: _____
Recommended: Chief, Survey Team
Approved: Chief, Survey/Debris Removal Section

DORCHESTER COUNTY
Honga River
MD_33_033_20230202_CS
02 February 2023

Sheet Reference Number
2 of 9

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LEGEND

- Federal Navigation Channel Toe
- Federal Navigation Center Line
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SCHULTZ 2006 PACK	4.50' 10.43'



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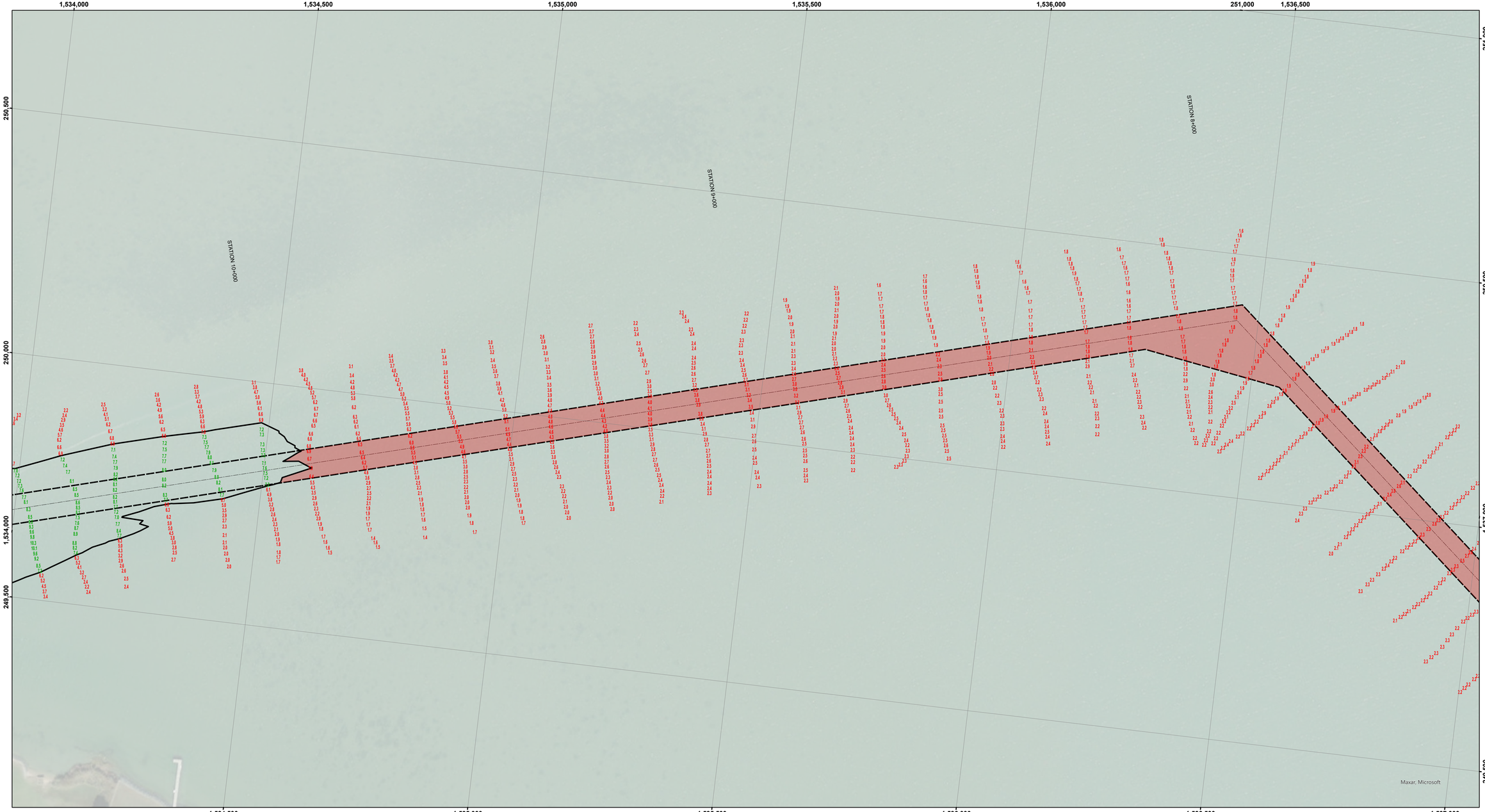
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Surveyed By:	Plotted By:	Checked By:
Submitted:	Recommended: Chief, Survey Team	Approved: Chief, Survey/Debris Removal Section

DORCHESTER COUNTY
Honga River
MD_33_033_20230202_CS
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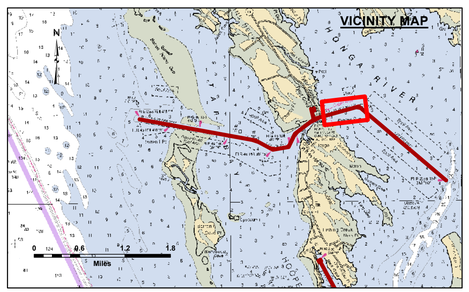
Submitted:	Surveyed By: ____	
Recommended: Chief, Survey Team	Plotted By: ____	
Approved: Chief, Survey/Debris Removal Section	Checked By: ____	

DORCHESTER COUNTY
Honga River
MD_33_033_20230202_CS
02 February 2023

Sheet Reference Number
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Revision Number:
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VICINITY MAP



LEGEND

- Federal Navigation Channel Toe
- Federal Navigation Center Line
- Contour Line
- Shoaling Area
- Shoalest Sounding
- Red Navigation Buoy
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Scale in Feet
0 200 400 600

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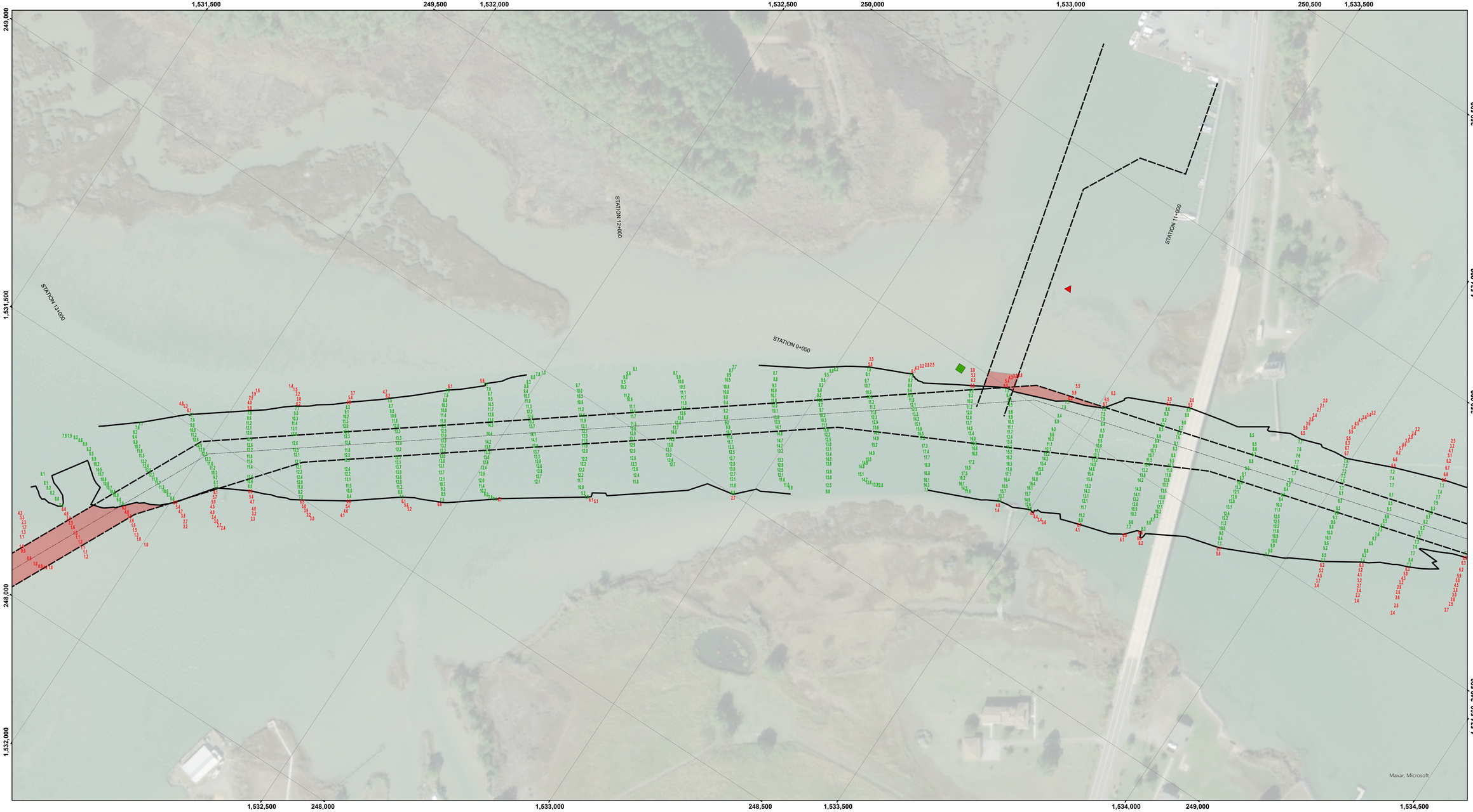
TIDAL BENCH MARK

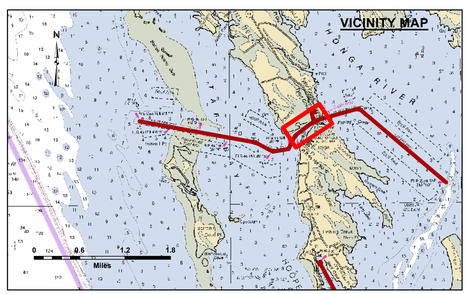
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BENCHMARK	MLLW ELEV.
SCHULTZ 2006 PACK	4.50' 10.43'

N W E S





LEGEND

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- Federal Navigation Center Line
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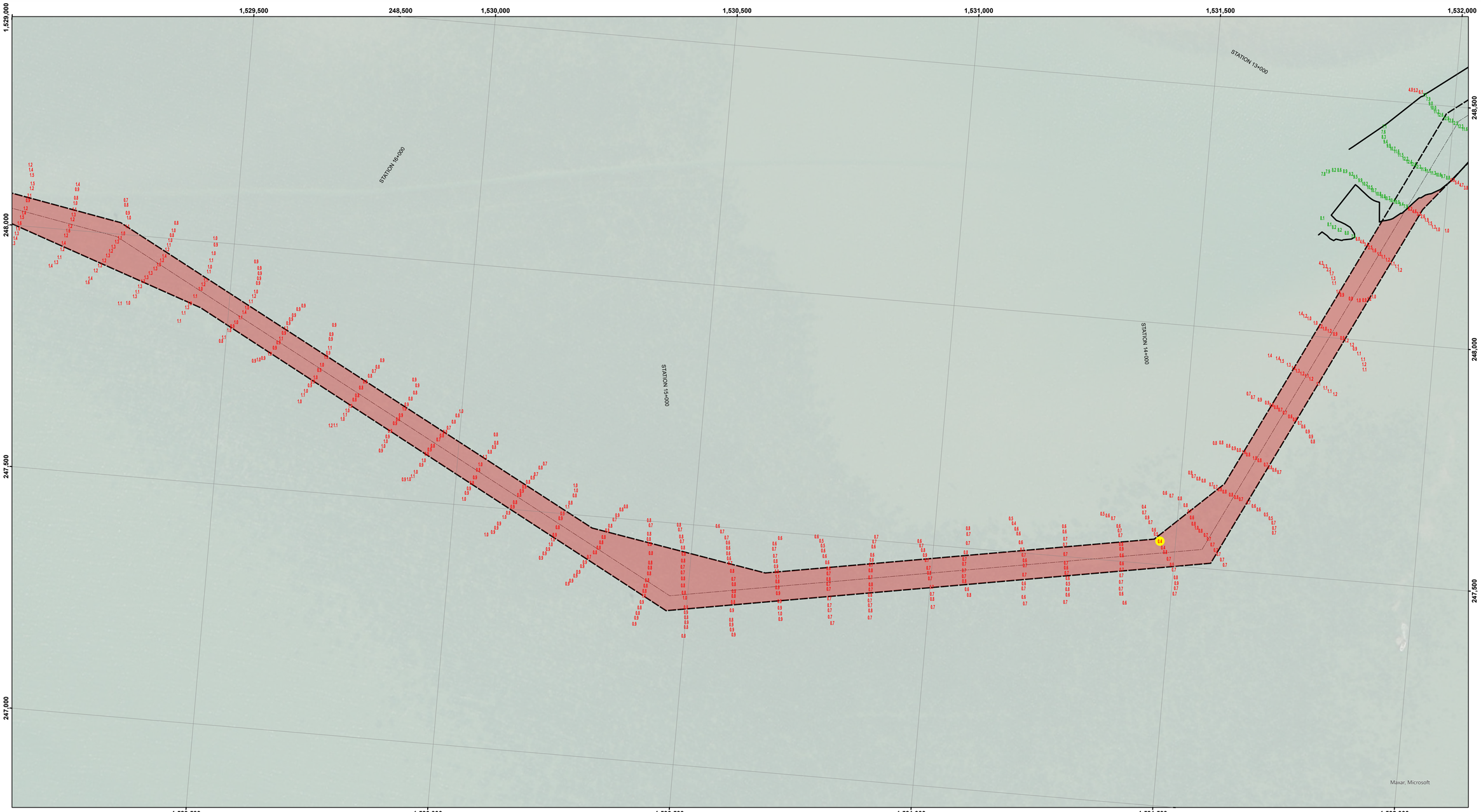
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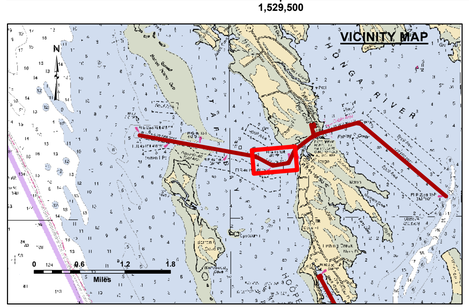
Submitted: ____
Recommended: Chief, Survey Team ____
Approved: Chief, Survey/Debris Removal Section ____

DORCHESTER COUNTY
Honga River
MD_33_033_20230202_CS
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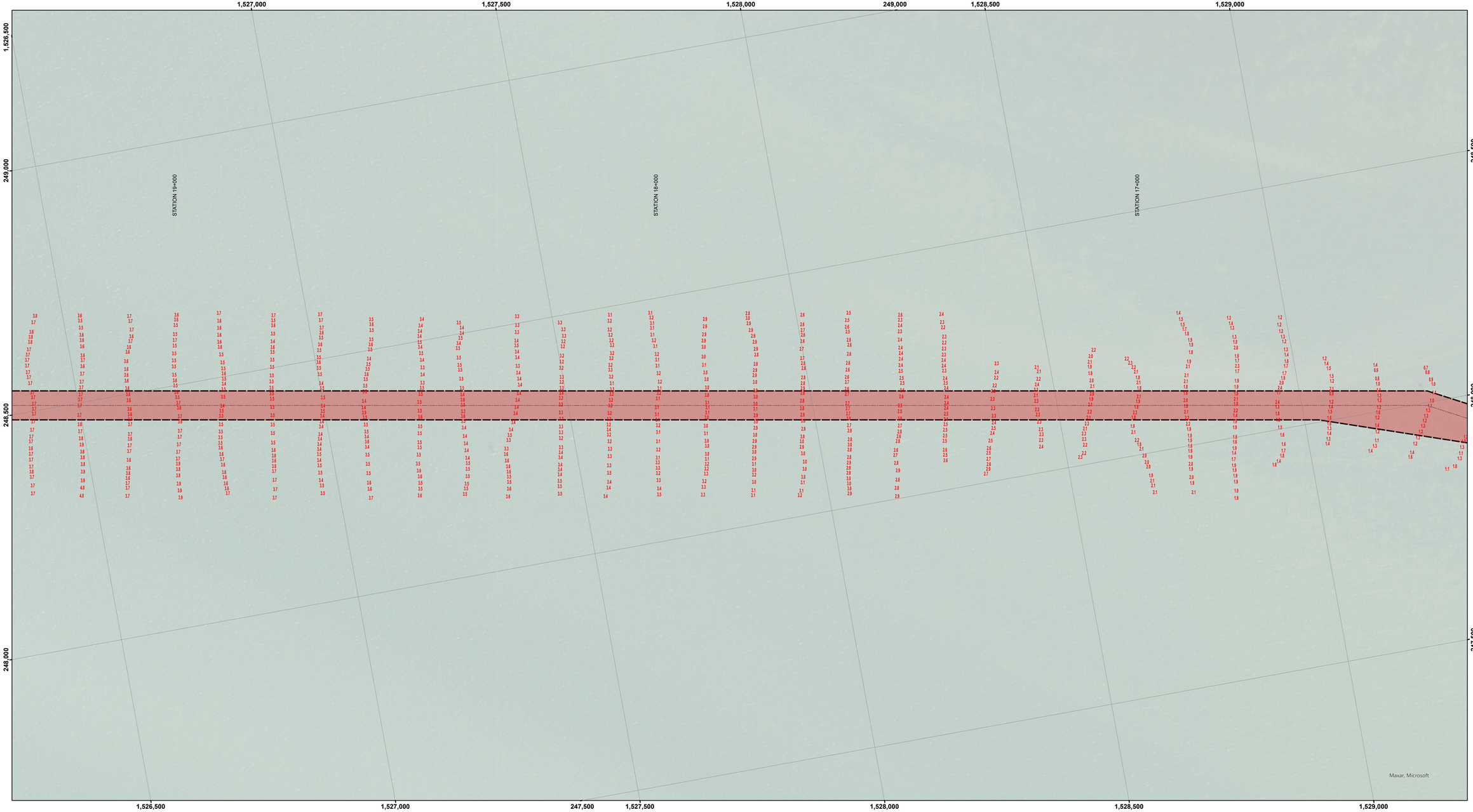
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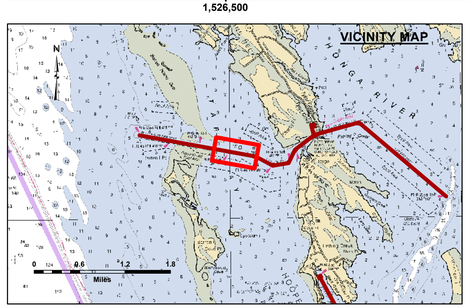
Surveyed By: ____
Plotted By: ____
Checked By: ____
Submitted: ____
Recommended: Chief, Survey Team
Approved: Chief, Survey/Debris Removal Section

DORCHESTER COUNTY
Honga River
MD_33_033_20230202_CS
02 February 2023

Sheet Reference Number
6 of 9

Revision Number:
5.23.1.24-5.23.1.24





LEGEND

- Federal Navigation Channel Toe
- Federal Navigation Center Line
- Contour Line
- Shoaling Area
- Shoalest Sounding
- Red Navigation Buoy
- Green Navigation Buoy
- Nun
- Can
- Red Day Beacon
- Green Day Beacon

Scale in Feet

0 200 400 600

NOTES:

1. STATIONS ARE AT 1000' INTERVALS.
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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 M/V BUCK USING A TRIMBLE GLOBAL POSITIONING SYSTEM.
6. THE BOTTOM WAS DEFINED BY AN ODOM 200KHZ ECHOSOUNDER.
7. PROJECT DEPTH: 7 FEET.
8. CHANNEL WIDTH 60 FEET.
9. TIDE OBSERVED AT SOLOMANS ISLAND NOAA AUTOGAUGE (8577330). TIDAL ZONING WAS APPLIED ACCORDING TO NOAA CO-OPS DISCRETE TIDAL ZONING MAP (HTTPS://WWW.ARCGIS.COM/HOME/ITEM.HTML?ID=21D7B399E6FA42E18A72EE30BE9AA5C9).

TIDAL BENCH MARK

TIDAL BENCH MARK IS BENCH MARK SCHULTZ 2006. BENCH MARK IS A STANDARD SURVEY DISK STAMPED "SCHULTZ 2006". FROM RT 50 IN CAMBRIDGE, MARYLAND TAKE RT 16 TO RT 335. TURN LEFT ON RT 335 AND CONTINUE TO HOOPERS IS RD. TURN RIGHT ON HOOPERS IS RD WHICH IS STILL RT 335 AND CROSS OVER THE BRIDGE ONTO HOOPERS IS. AFTER THE BRIDGE ABOUT 300 FT TURN LEFT ONTO A DIRT DRIVEWAY TO THE SCHULTZ RESIDENCE(2761 HOOPERS IS RD). STATION IS IN THE YARD. 33.8FT FROM THE N CORNER OF BULKHEAD. 48.6FT FROM THE NE CORNER OF SHAD. 59.6FT FROM THE SE CORNER OF SHAD. 14.1FT FROM THE 5TH PILING FROM THE N CORNER OF BULKHEAD.

BENCH MARK ELEV. IS 1.47' ABOVE MLLW FOR THE '83-'01 TIDAL EPOCH. COMPUTED USING GEOID18.

BENCHMARK	MLLW ELEV.
SCHULTZ 2006 PACK	4.50' 10.43'

N E S W

US Army Corps of Engineers
District: CENAB

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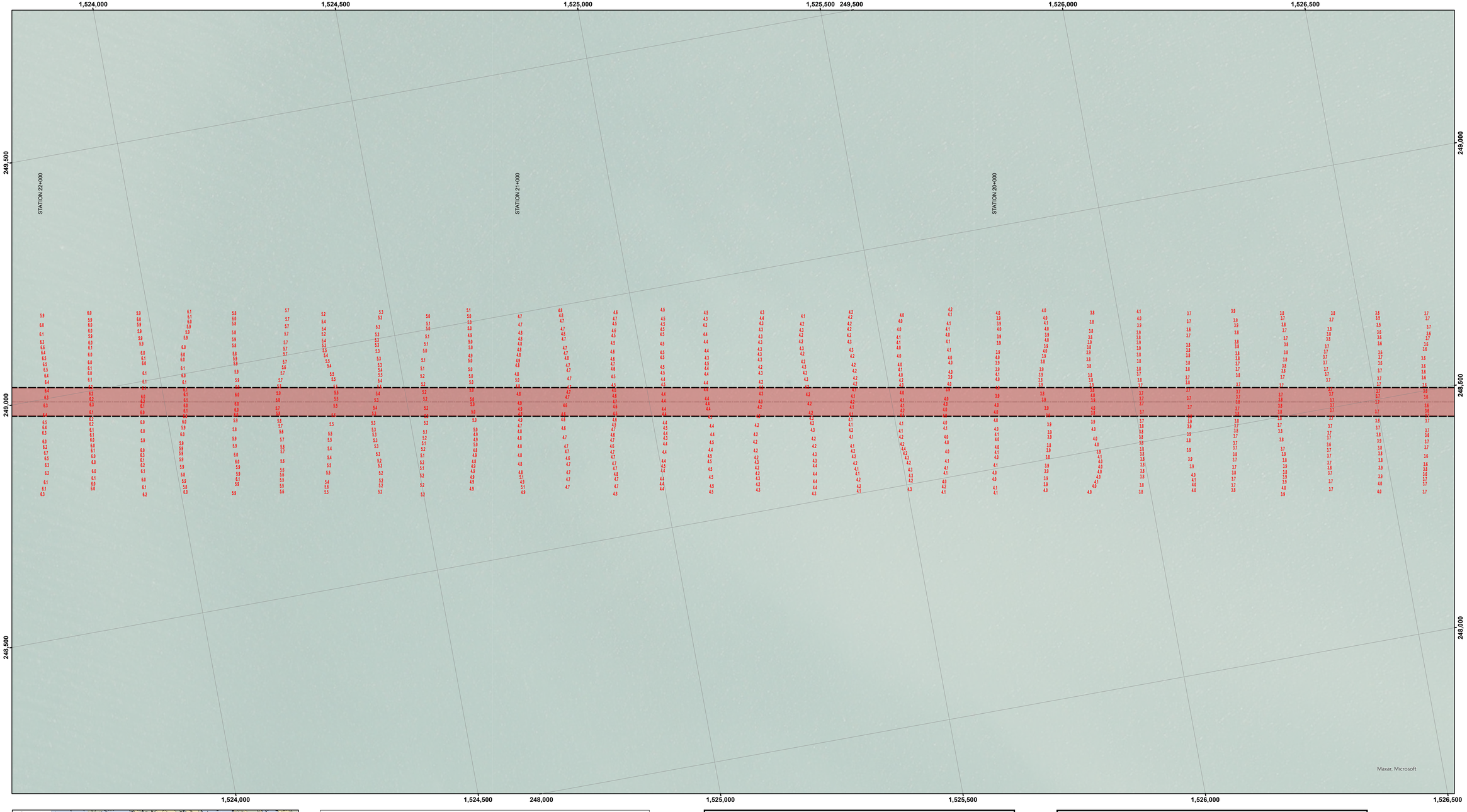
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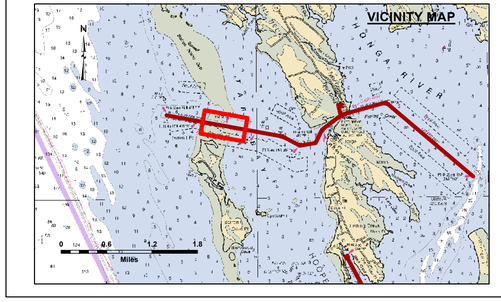
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N W E S

US Army Corps of Engineers
District: CENAB

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BALTIMORE DISTRICT

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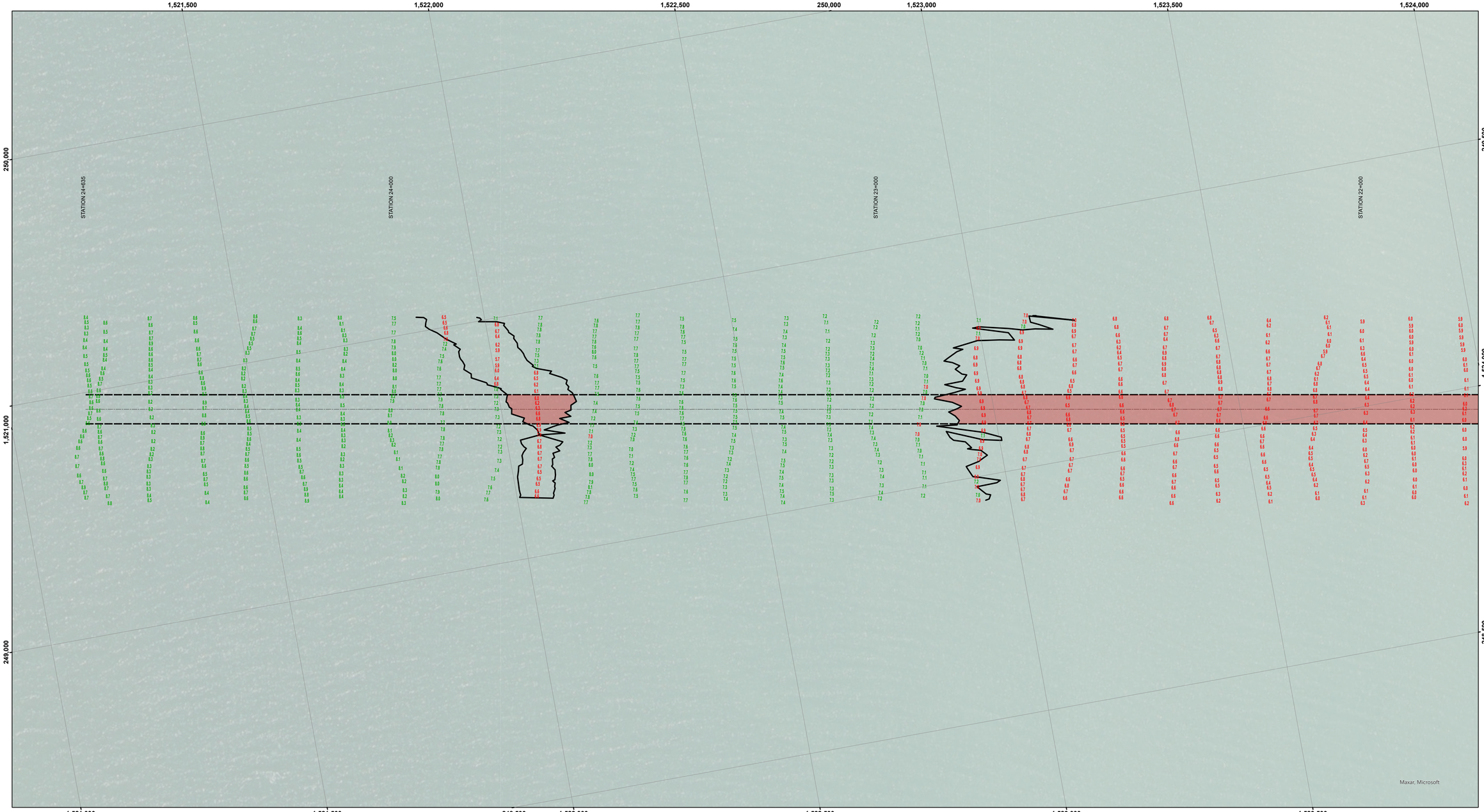
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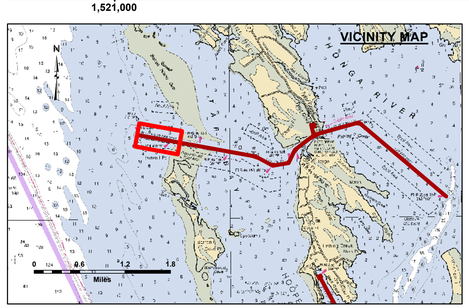
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HONGA RIVER CHANNEL COORDINATES

RIGHT GEOMETRY		CENTERLINE GEOMETRY			LEFT GEOMETRY	
EASTING	NORTHING	STATION	EASTING	NORTHING	EASTING	NORTHING
1542560.66	245228.75	0+000.00	1542541.27	245205.87	1542521.87	245182.98
1536462.63	250397.48	7+977.95	1536455.37	250364.31	1536558.11	250237.90
1533369.63	249536.20	11+167.02	1533383.18	249508.83	1536274.75	250282.88
1531984.75	248483.97	12+887.04	1532011.71	248470.79	1533766.94	249584.55
1531591.10	247678.68	13+924.30	1531556.17	247538.92	1533073.17	249236.57
1531455.47	247551.87	15+033.70	1530463.16	247348.92	1532184.51	248563.96
1530656.65	247413.01	16+402.70	1529255.84	247994.32	1531952.40	248281.17
1530290.43	247475.28	24+634.78	1521156.40	249466.15	1531576.40	247511.99
1529261.32	248023.99				1530458.12	247317.59
1521161.76	249495.67				1529441.38	247862.22
					1529029.10	248005.03
					1521151.04	249436.63