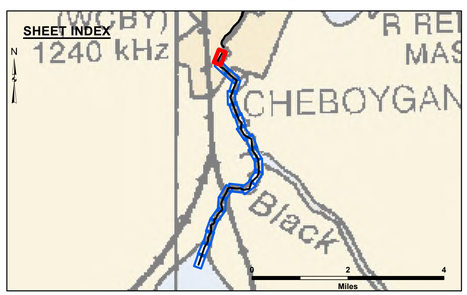
84°29'0" W 45°38'10" N

45°38'0" N 84°29'0" W 84°28'50" W

PROJECT DEPTH = 5.0'

84°28'50" W 45°38'0" N 45°38'10" N

SHEET INDEX



VICINITY MAP



LEGEND

- Cable Submarine
- Cable Overhead
- Channel_Limits
- Beacon, General
- Contour Lines
- Channel_Limits

SOUNDING LEGEND

- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'

1 inch = 50 feet

Feet

0 50 100 150 200 250

NOTES:

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6. UNLESS OTHERWISE NOTED PROJECT DEPTHS ARE 5.0 FEET BELOW LWD

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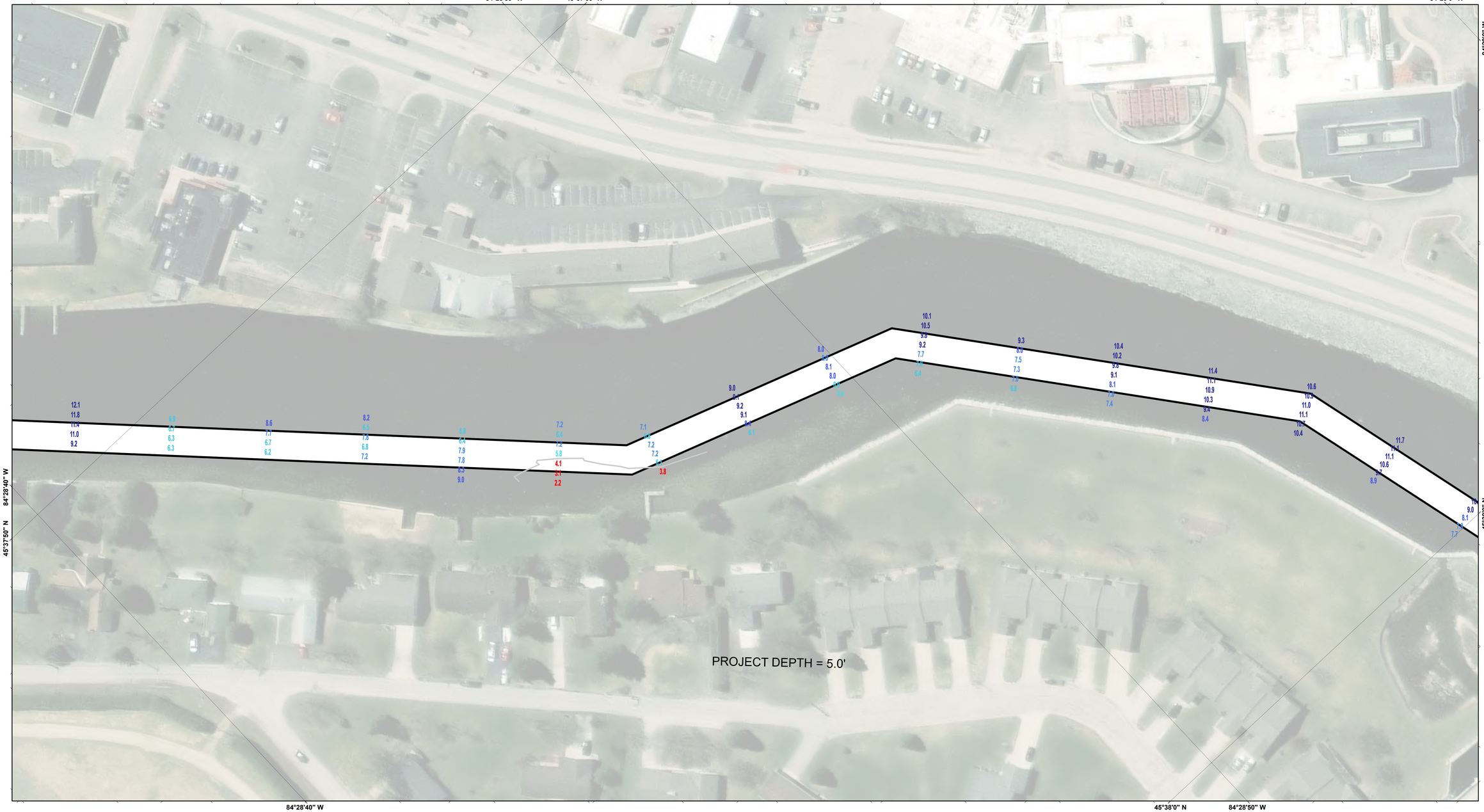
U.S. ARMY CORPS OF ENGINEERS
DETROIT DISTRICT

Surveyed By:	
Plotted By:	
Checked By:	
Submitted:	
Recommended:	Chief, Survey Section
Approved:	Chief, Technical Services

Inland Route, MI
Cheboygan River
IR_01_CHB_20260819_CS
19 August 2026

Sheet Reference Number
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Revision Number:
5.26.04.06-5.26.04.06



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US Army Corps of Engineers
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U.S. ARMY CORPS OF ENGINEERS
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Submitted:	Recommended: Chief, Survey Section	Approved: Chief, Technical Services

Inland Route, MI
Cheboygan River
IR_01_CHB_20260819_CS
19 August 2026

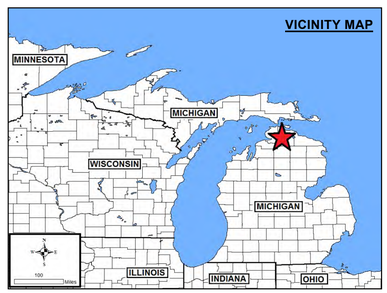
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VICINITY MAP



LEGEND
- Cable Submarine
- Cable Overhead
- Channel_Limits
- Beacon, General
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SOUNDING LEGEND
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1 inch = 50 feet

Feet
0 50 100 150 200 250

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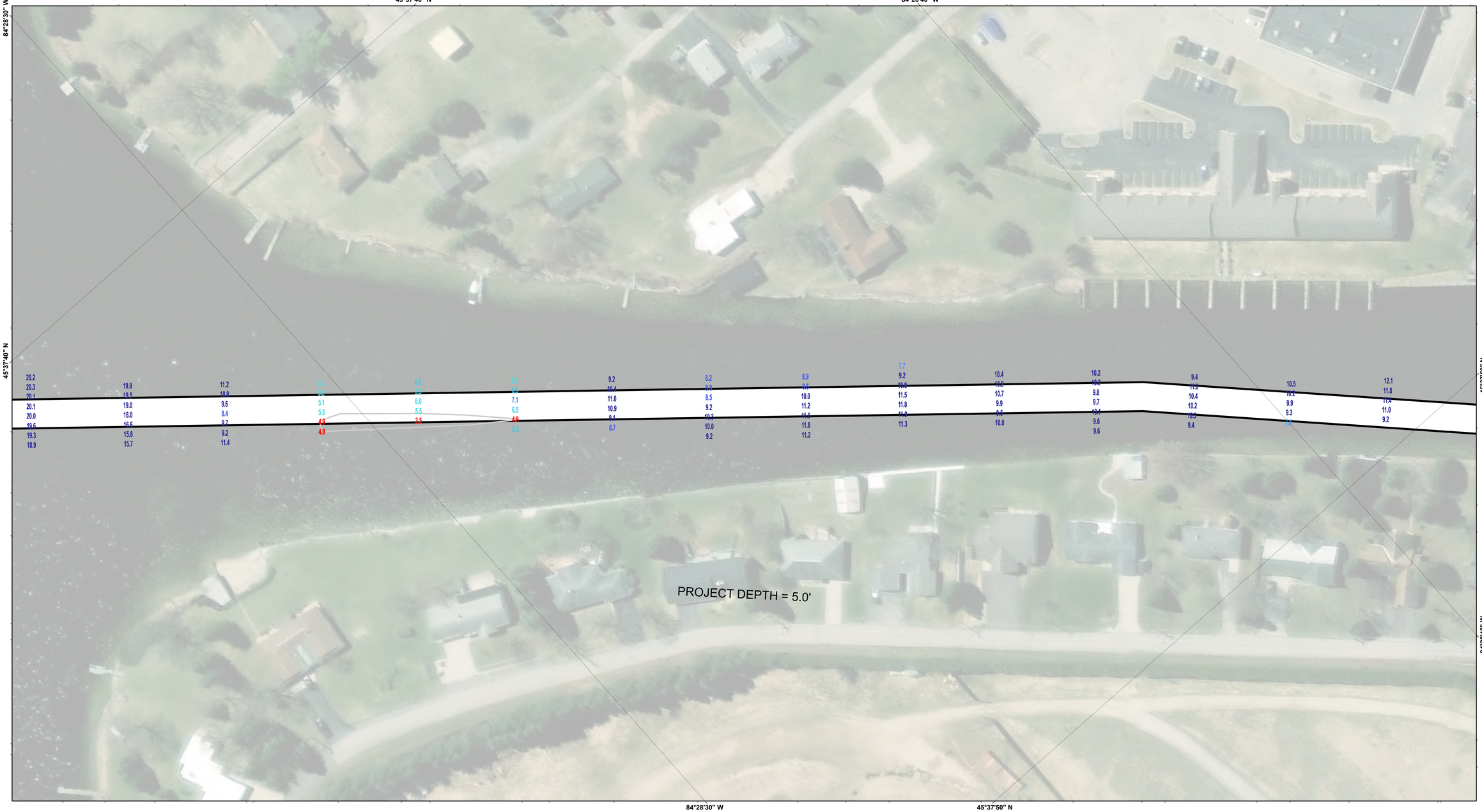
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AERIAL PHOTOGRAPHY DATA SOURCE: ESRI, VANTOR, EARTHSTAR GEOGRAPHICS, AND THE GIS USER COMMUNITY

45°37'40" N
84°28'40" W
84°28'30" W
45°37'50" N
84°28'30" W
45°37'40" N
84°28'40" W
45°37'50" N



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Plotted By: ____
Checked By: ____

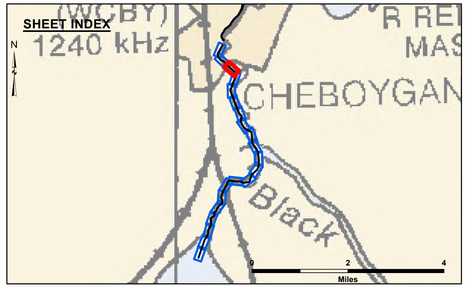
Submitted: _____
Recommended: Chief, Survey Section
Approved: Chief, Technical Services

Inland Route, MI
Cheboygan River
IR_01_CHB_20260819_CS
19 August 2026

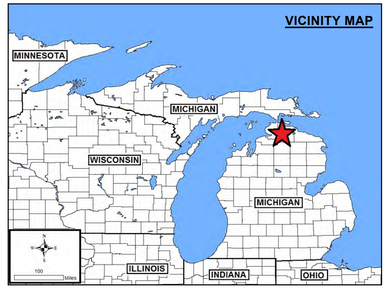
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VICINITY MAP



LEGEND

- Cable Submarine
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SOUNDING LEGEND

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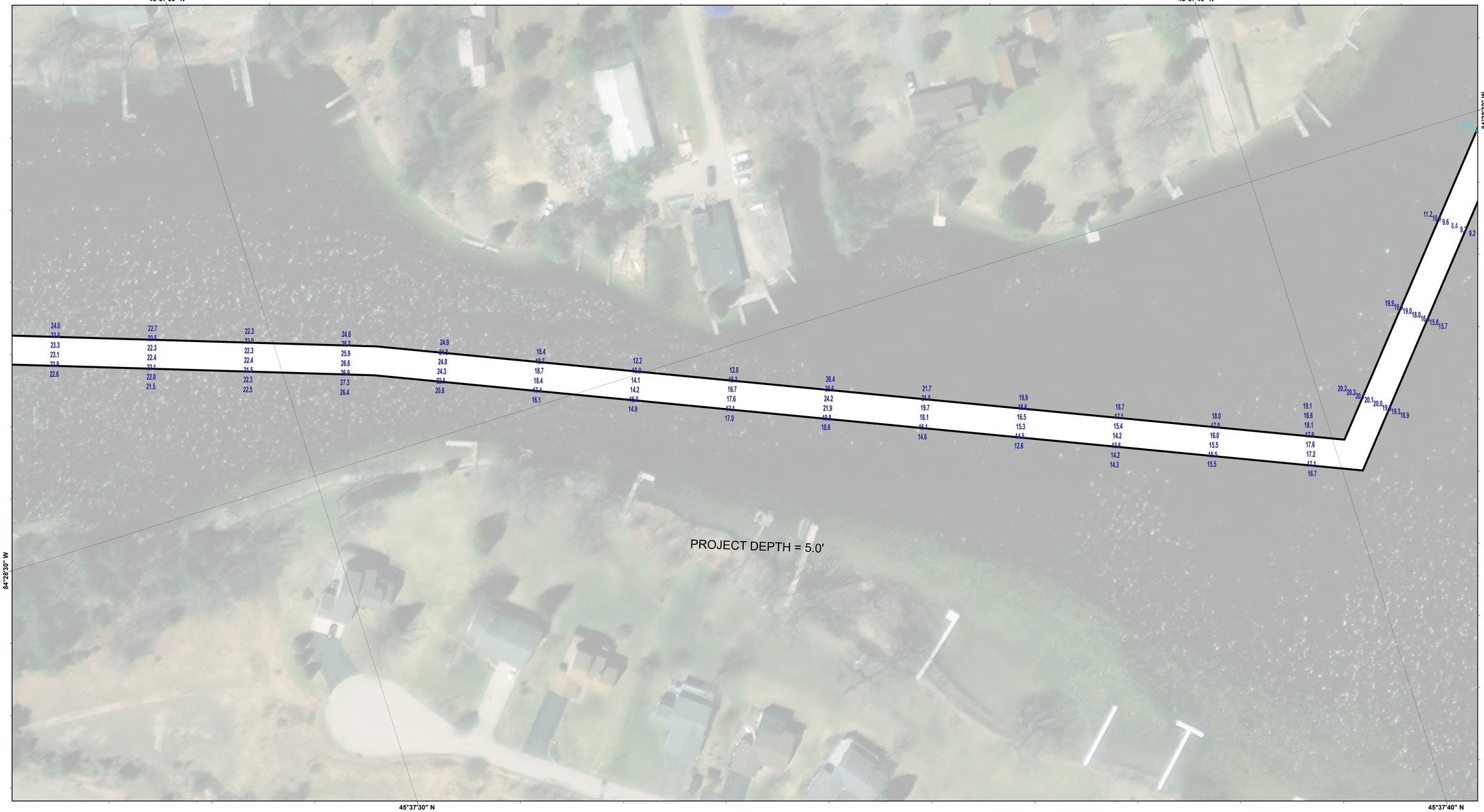
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AERIAL PHOTOGRAPHY DATA SOURCE: ESRI, VANTOR, EARTHSTAR GEOGRAPHICS, AND THE GIS USER COMMUNITY

45°37'30" N

45°37'40" N

84°28'30" W

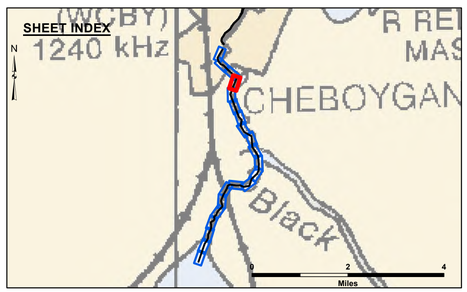


84°28'30" W

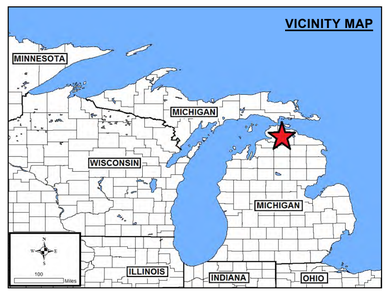
45°37'30" N

45°37'40" N

SHEET INDEX



VICINITY MAP



LEGEND

- Cable Submarine
- Cable Overhead
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Feet

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District: CELRE

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DETROIT DISTRICT

Surveyed By: ____

Submitted: _____

Plotted By: ____

Recommended: _____
Chief, Survey Section

Checked By: ____

Approved: _____
Chief, Technical Services

Inland Route, MI
Cheboygan River
IR_01_CHB_20260819_CS
19 August 2026

Sheet Reference Number
4 of 21

Revision Number:
5.26.04.06-5.26.04.06

45°37'20" N

84°28'40" W

84°28'30" W

PROJECT DEPTH = 5.0'

28.6 29.7 31.4 33.6 35.1 36.6 38.4

28.6 29.5 30.7 31.8 32.6 33.1 33.5

28.4 29.1 29.8 30.3 30.6 31.0 31.1

26.3 26.3 26.7 27.1 27.5 27.5 27.9

25.2 25.2 25.2 25.2 25.4 25.4

23.5 23.6 23.5 23.6 23.4 23.3 22.8

22.8 22.7 22.5 22.6 22.4 22.3 22.0

23.6 23.4 23.5 23.6 23.6 23.5 23.4

26.4 26.6 26.6 26.2 25.9 25.5 25.2 25.1

30.2 29.4 29.0 27.9 26.9 25.9 24.9

33.8 32.7 30.2 27.5 25.5 24.3

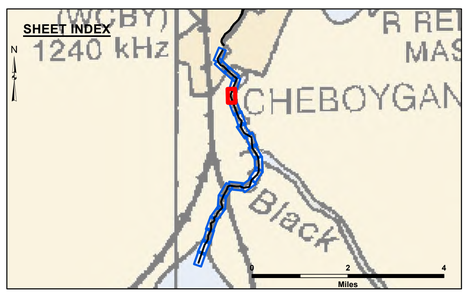
28.9 28.8 28.1 27.1 25.1 25.2 24.3

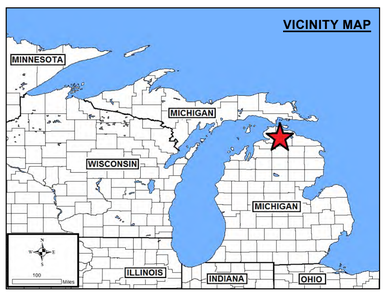
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26.1 25.9 25.7 25.2 24.8 24.3

24.0 23.6 23.3 23.1 22.9 22.6

22.7 22.5 22.3 22.4 22.1 22.0 21.5





LEGEND

- Cable Submarine
- Cable Overhead
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- Beacon, General
- Contour Lines
- Channel_Limits

SOUNDING LEGEND

- LESS THAN PROJECT DEPTH
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0 50 100 150 200 250

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U.S. ARMY CORPS OF ENGINEERS
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Submitted:	Recommended: Chief, Survey Section	Approved: Chief, Technical Services

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45°37'10" N

84°28'30" W

84°28'20" W

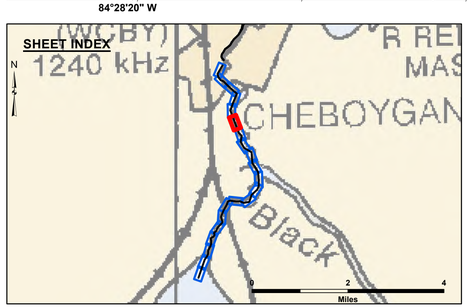
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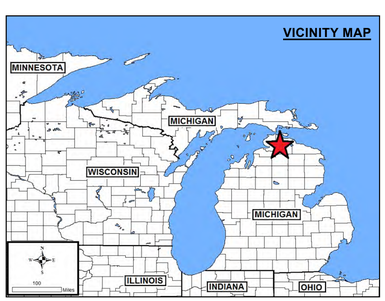
84°28'20" W

84°28'30" W

PROJECT DEPTH = 5.0'

27.0	26.8	26.5	25.6	24.8	23.9	23.2	23.1	21.4	22.3	22.4	22.6	23.8	25.1 26.1	28.6
26.8	26.9	26.3	25.5	24.4	23.7	23.1	22.8	21.9	22.7	22.9	22.9	24.1	26.8	29.7
26.6	26.7	26.2	25.3	24.1	23.5	22.9	22.7	22.5	23.1	23.4	23.3	24.6	28.7	31.4
26.2	26.7	25.8	24.9	23.9	23.2	22.7	22.7	22.8	23.3	24.2	24.0	25.1	30.9	33.6
25.9	26.3	25.5	24.2	23.1	22.5	22.3	22.3	22.9	23.5	24.5	24.2	25.6	33.5	35.1
25.5	25.9	25.1	23.6	22.0	21.9	22.1	22.1	23.1	23.5	24.6	24.4	25.9	35.0	36.6
25.3		24.6			21.0			22.9			24.7		36.6	38.4
											24.8			





LEGEND

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DETROIT DISTRICT

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____	____	____

Submitted: _____

Recommended: Chief, Survey Section _____

Approved: Chief, Technical Services _____

Inland Route, MI
Cheboygan River
IR_01_CHB_20260819_CS
19 August 2026

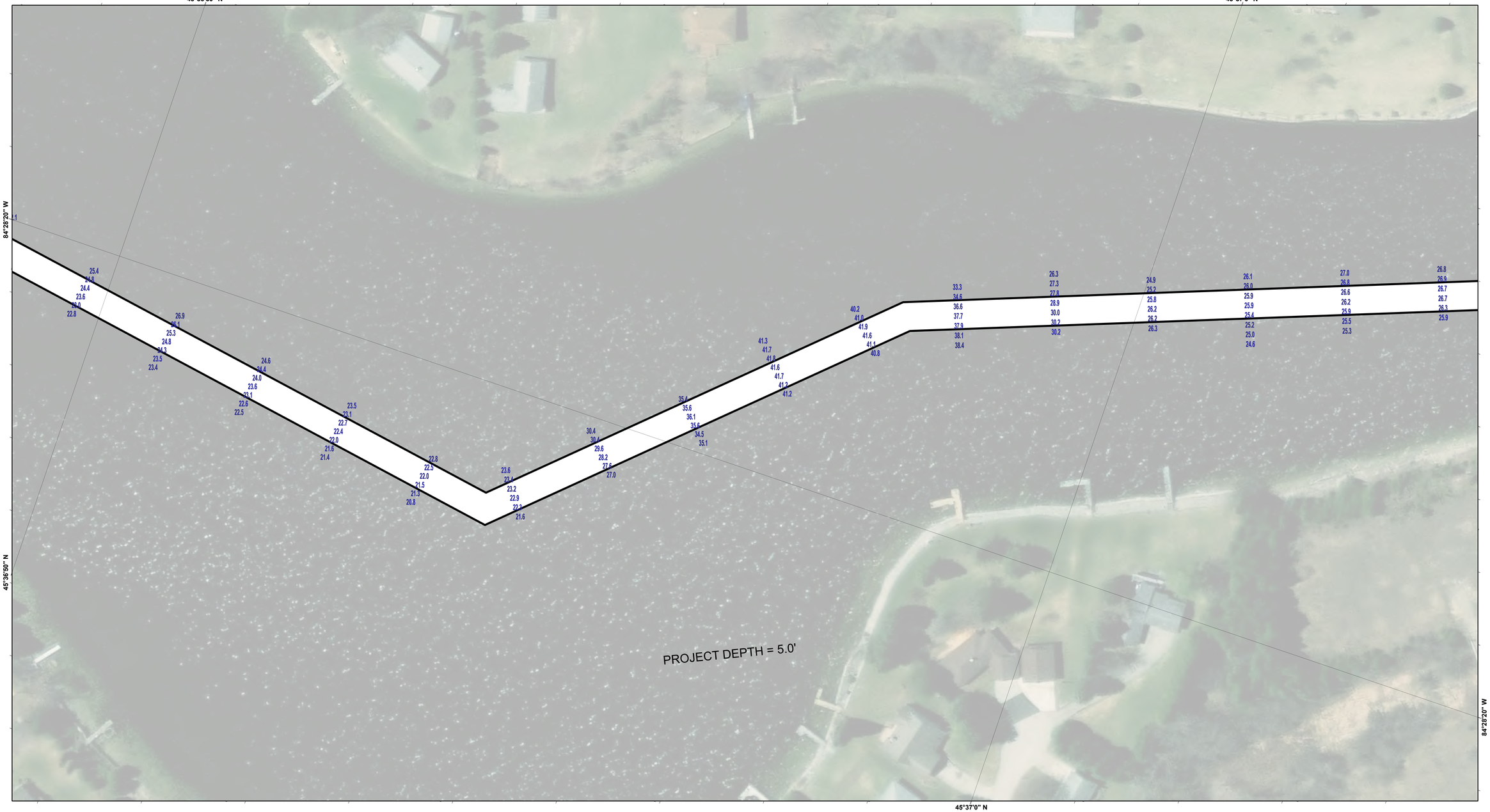
Sheet Reference Number
6 of 21

Revision Number:
5.26.04.06-5.26.04.06

45°36'50" N

45°37'0" N

84°28'20" W

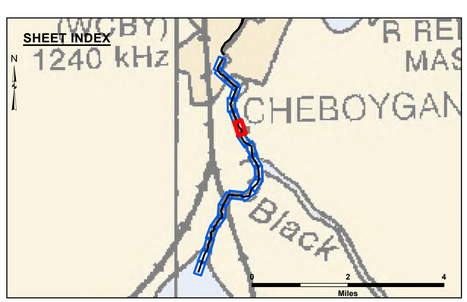


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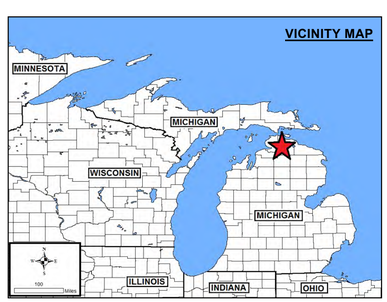
84°28'20" W

45°37'0" N

SHEET INDEX



VICINITY MAP



LEGEND

- Cable Submarine
- Cable Overhead
- Channel_Limits
- Beacon, General
- Contour Lines
- Channel_Limits

SOUNDING LEGEND

- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'

1 inch = 50 feet

Feet

0 50 100 150 200 250

NOTES:

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6. UNLESS OTHERWISE NOTED PROJECT DEPTHS ARE 5.0 FEET BELOW LWD

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US Army Corps of Engineers District: CELRE

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DETROIT DISTRICT

Surveyed By: ____
Plotted By: ____
Checked By: ____
Submitted: ____
Recommended: Chief, Survey Section
Approved: Chief, Technical Services

Inland Route, MI
Cheboygan River
IR_01_CHB_20260819_CS
19 August 2026

Sheet Reference Number
7 of 21

Revision Number:
5.26.04.06-5.26.04.06

45°36'40" N
84°28'10" W
45°36'50" N
84°28'20" W

PROJECT DEPTH = 5.0'

US Army Corps of Engineers
District: CELRE

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Cheboygan River
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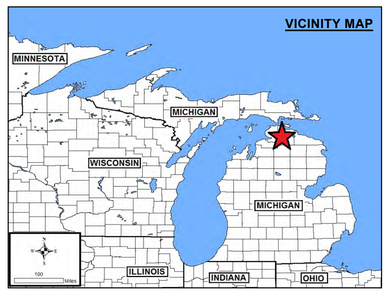
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SHEET INDEX
1240 kHz



VICINITY MAP



LEGEND
- Cable Submarine
- Cable Overhead
- Channel_Limits
- Beacon, General
- Contour Lines
- Channel_Limits

SOUNDING LEGEND
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- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'

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Feet
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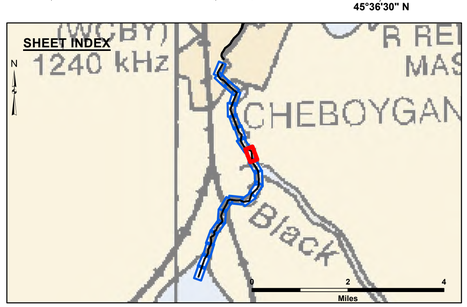
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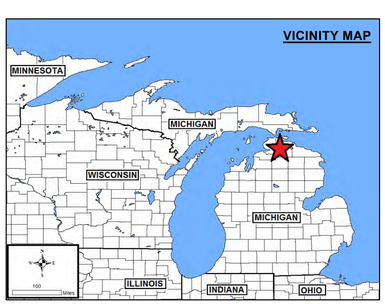
6. UNLESS OTHERWISE NOTED PROJECT DEPTHS ARE 5.0 FEET BELOW LWD

AERIAL PHOTOGRAPHY DATA SOURCE: ESRI, VANTOR, EARTHSTAR GEOGRAPHICS, AND THE GIS USER COMMUNITY

45°36'30" N
84°28'10" W
84°28'0" W
45°36'40" N

PROJECT DEPTH = 5.0'





LEGEND

- Cable Submarine
- Cable Overhead
- Channel_Limits
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SOUNDING LEGEND

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Submitted:	
Recommended: Chief, Survey Section	
Approved: Chief, Technical Services	

Inland Route, MI
Cheboygan River
IR_01_CHB_20260819_CS
19 August 2026

Sheet Reference Number
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Revision Number:
5.26.04.06-5.26.04.06

84°28'0" W 45°36'20" N

84°27'50" W

84°28'0" W

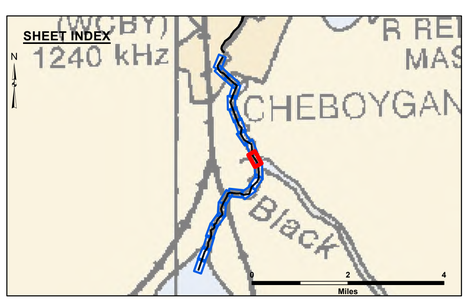
84°27'50" W 45°36'20" N

154+00 155+00 156+00 157+00

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27.7 28.2 28.4 28.4 27.9 27.5 27.0
25.1 24.7 23.9 22.8 22.2 21.7 21.1
26.1 26.4 26.2 25.9 25.3 24.7
25.2 25.7 26.1 26.1 26.5 26.7 26.5
22.6 23.2 23.9 24.7 25.3 25.7 25.7
20.6 21.5 22.3 22.8 23.3 23.7
19.9 20.4 20.8 21.0 21.8 22.2 22.6
19.0 19.2 19.7 20.3 20.9 20.9 21.4
18.1 18.7 19.2 19.3 19.5 20.2
18.0 18.7 18.9 19.2 19.0 20.2 20.5
18.8 19.2 19.7 20.1 20.2 20.8
20.5 20.6 21.0 21.4 21.4 21.6 21.6
21.8 21.9 21.9 22.1 22.1 22.1 22.2

PROJECT DEPTH = 5.0'

SHEET INDEX



VICINITY MAP



LEGEND

- Cable Submarine
- Cable Overhead
- Channel_Limits
- Beacon, General
- Contour Lines
- Channel_Limits

SOUNDING LEGEND

- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
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1 inch = 50 feet

Feet

0 50 100 150 200 250

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U.S. ARMY CORPS OF ENGINEERS
DETROIT DISTRICT

Surveyed By: ____
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Checked By: ____

Submitted: ____
Recommended: Chief, Survey Section
Approved: Chief, Technical Services

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Cheboygan River
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10 of 21

Revision Number:
5.26.04.06-5.26.04.06

45°36'10" N

84°27'50" W

140+00 141+00 142+00 143+00 144+00 145+00 146+00 147+00 148+00 149+00 150+00 151+00 152+00 153+00 154+00 155+00

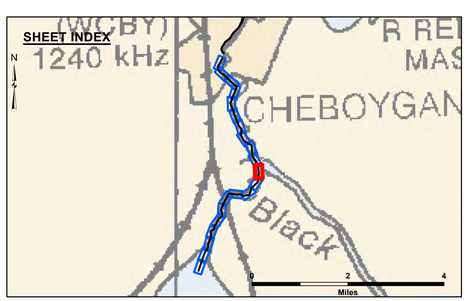
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14.5 14.3 12.5 9.5 6.3 4.4 4.0
14.1 14.7 11.7 8.7 5.9 4.4 4.2 3.9
13.6 12.2 9.2 6.8 5.0 4.4
12.8 10.8 8.8 5.9 5.2 4.4
12.6 11.2 9.7 8.4 7.3 5.0
10.3 11.3 11.6 11.4 11.6 11.0 8.7
5.3 7.3 9.2 11.1 12.8 13.8 14.2
6.3 8.9 7.8 8.4 10.7 12.6
8.4 8.6 7.7 7.4 8.3 8.7
7.6 8.2 9.1 9.1 8.8 8.8 8.5
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30.6

PROJECT DEPTH = 5.0'

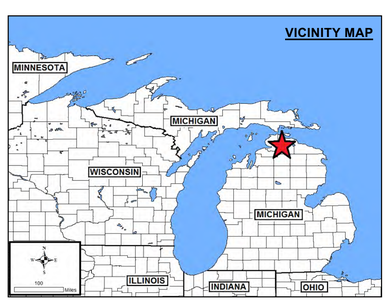
84°27'50" W

45°36'10" N

SHEET INDEX



VICINITY MAP



LEGEND

- Cable Submarine
- Cable Overhead
- Channel_Limits
- Beacon, General
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SOUNDING LEGEND

- LESS THAN PROJECT DEPTH
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W S N E

1 inch = 50 feet

Feet

0 50 100 150 200 250

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US Army Corps of Engineers
District: CELRE

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U.S. ARMY CORPRS OF ENGINEERS
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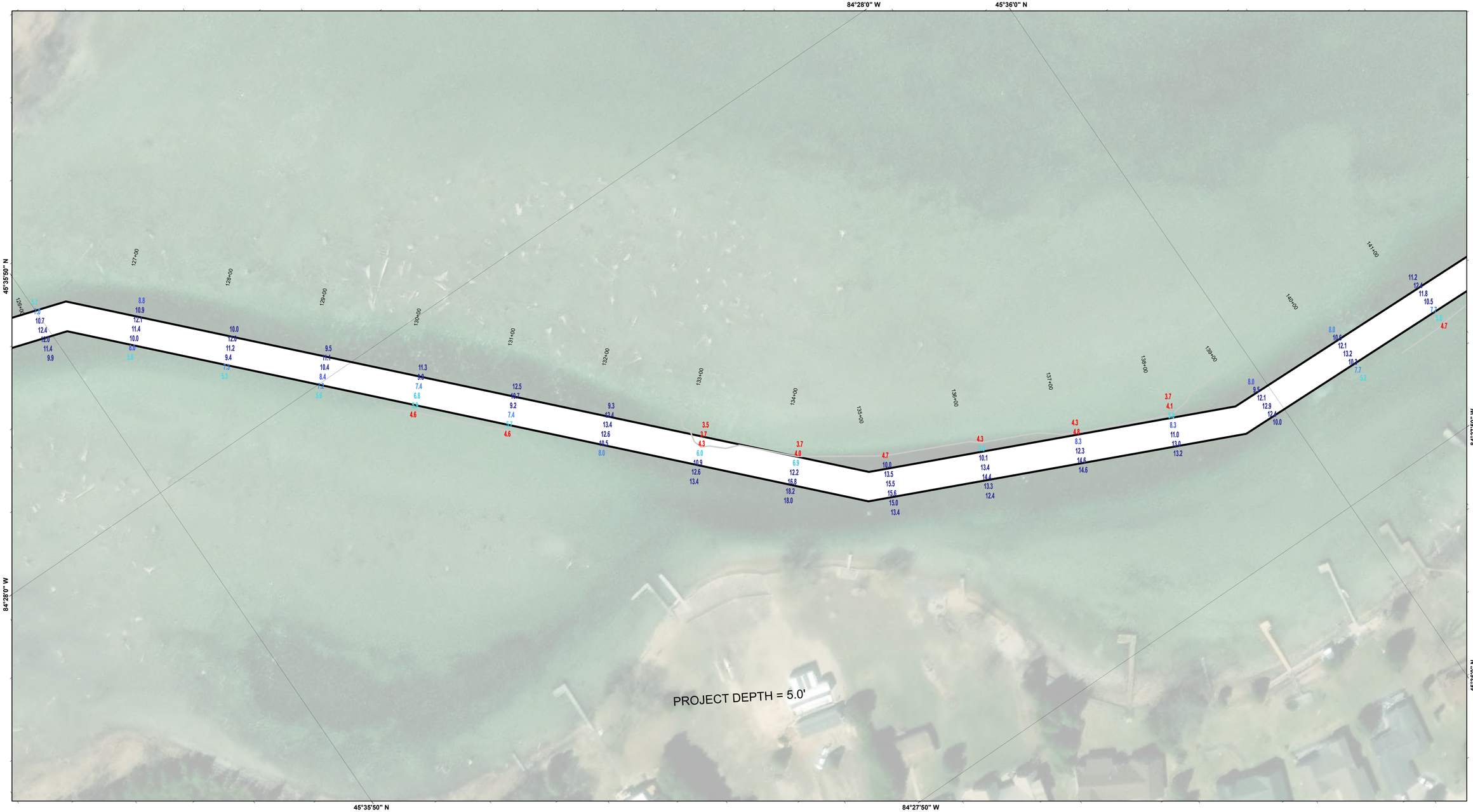
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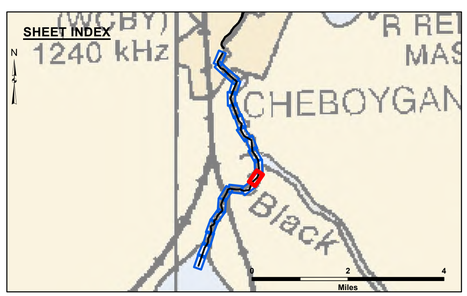
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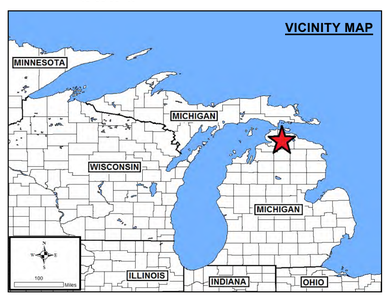
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LEGEND

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US Army Corps of Engineers
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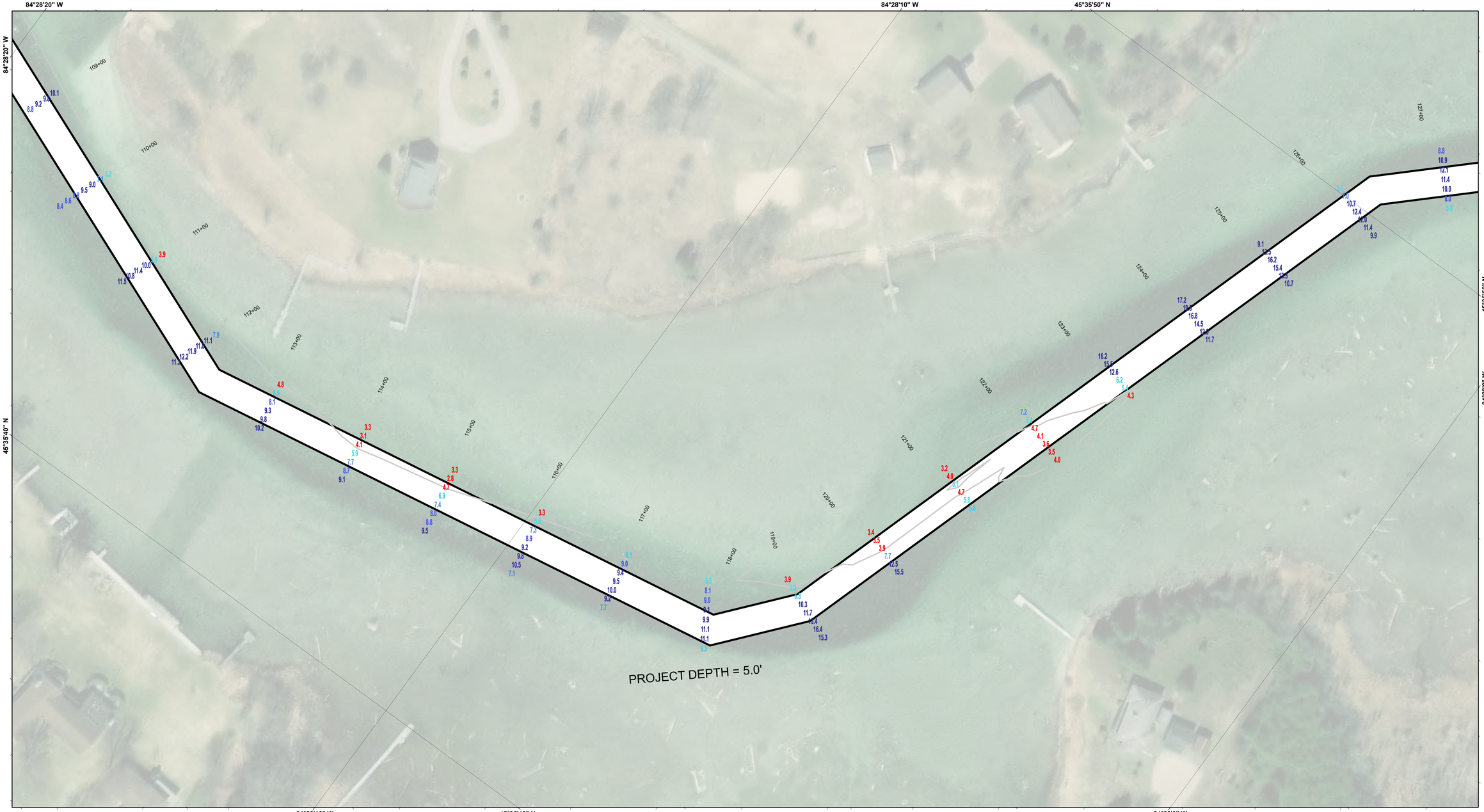
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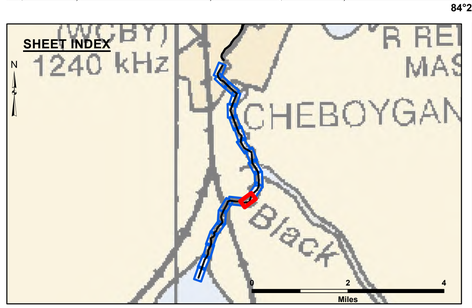
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Submitted:	Recommended: Chief, Survey Section	Approved: Chief, Technical Services

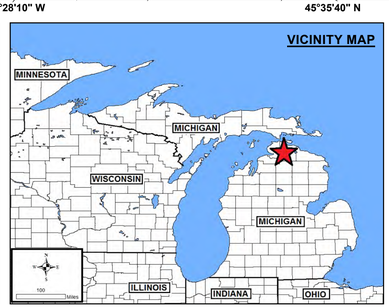
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Cheboygan River
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LEGEND

- Cable Submarine
- Cable Overhead
- Channel_Limits
- Beacon, General
- Contour Lines
- Channel_Limits

SOUNDING LEGEND

- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'

1 inch = 50 feet

Feet

0 50 100 150 200 250

NOTES: 1. THE SOUNDINGS INDICATED HEREIN ARE GENERALIZED DEPTHS AND ARE NOT REPRESENTATIVE OF THE FULL DATASET.

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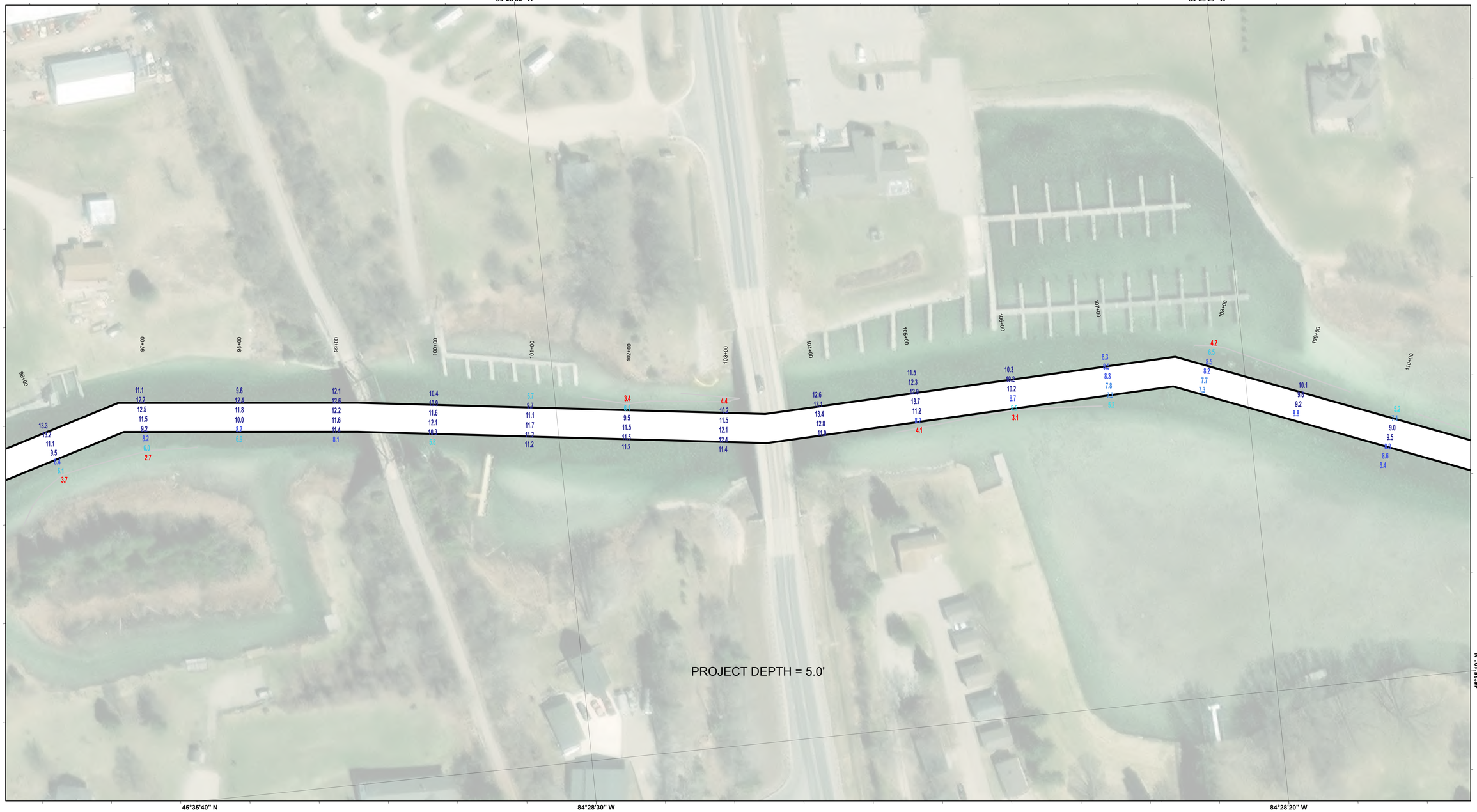
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Submitted:			
Recommended:	Chief, Survey Section		
Approved:	Chief, Technical Services		

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Cheboygan River
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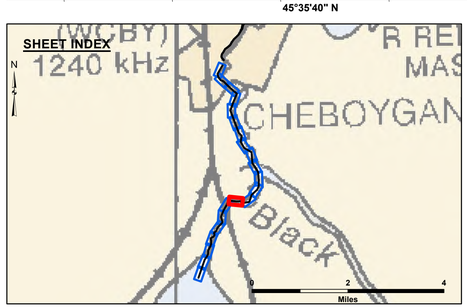
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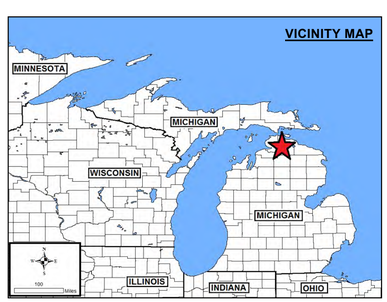
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VICINITY MAP



LEGEND
- Cable Submarine
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- Beacon, General
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- Channel_Limits

SOUNDING LEGEND
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- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'

N
W E
S

1 inch = 50 feet

Feet
0 50 100 150 200 250

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AERIAL PHOTOGRAPHY DATA SOURCE: ESRI, VANTOR, EARTHSTAR GEOGRAPHICS, AND THE GIS USER COMMUNITY

84°28'50" W 45°35'40" N

84°28'50" W

45°35'30" N

84°28'40" W

45°35'40" N

PROJECT DEPTH = 5.0'

US Army Corps of Engineers
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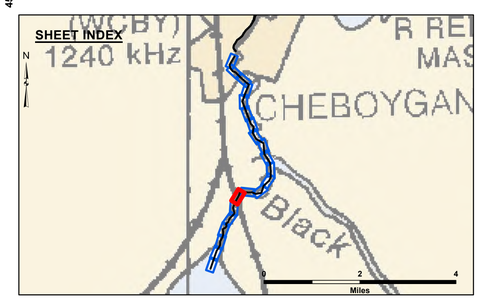
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Submitted:	Recommended: Chief, Survey Section	Approved: Chief, Technical Services

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VICINITY MAP



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SOUNDING LEGEND
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0 50 100 150 200 250

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AERIAL PHOTOGRAPHY DATA SOURCE: ESRI, VANTOR, EARTHSTAR GEOGRAPHICS, AND THE GIS USER COMMUNITY

45°35'20" N

45°35'30" N

84°28'50" W

67+00 68+00 69+00 70+00 71+00 72+00 73+00 74+00 75+00 76+00 77+00 78+00 79+00 80+00 81+00 82+00

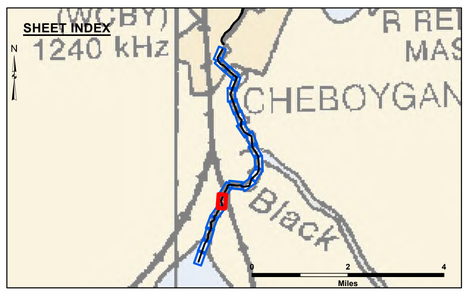
PROJECT DEPTH = 5.0'

45°35'20" N

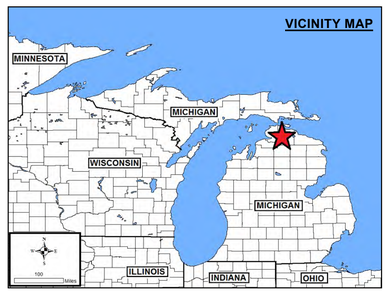
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0 50 100 150 200 250

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Checked By: ____

Submitted: ____
Recommended: Chief, Survey Section ____
Approved: Chief, Technical Services ____

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Cheboygan River
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84°29'0" W 45°35'20" N

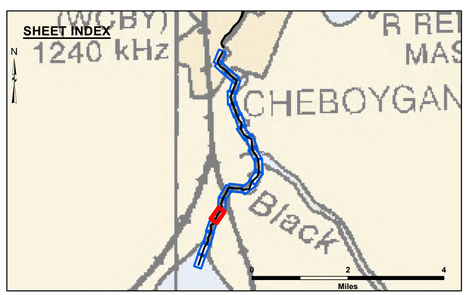
45°35'10" N 84°29'0" W 84°28'50" W 45°35'20" N

55+00 56+00 57+00 58+00 59+00 60+00 61+00 62+00 63+00 64+00 65+00 66+00 67+00 68+00 54+00 53+00

PROJECT DEPTH = 5.0'

45°35'10" N 84°28'50" W

SHEET INDEX



VICINITY MAP



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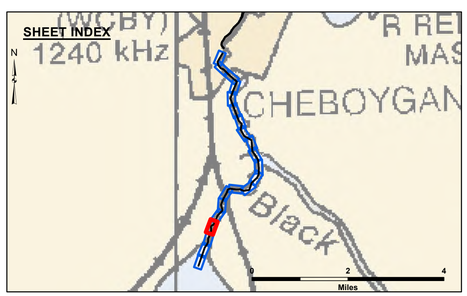
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84°29'10" W 45°35'10" N

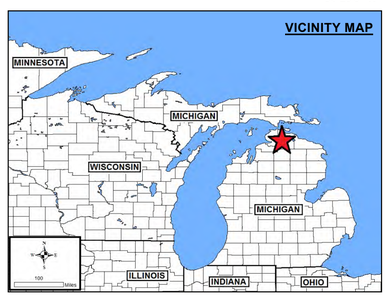
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PROJECT DEPTH = 5.0'

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Recommended: Chief, Survey Section ____

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45°34'50" N

84°29'10" W

84°29'10" W

45°34'50" N

25+00 26+00 27+00 28+00 29+00 30+00 31+00 32+00 33+00 34+00 35+00 36+00 37+00 38+00 39+00

PROJECT DEPTH = 5.0'

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U.S. ARMY CORPS OF ENGINEERS
DETROIT DISTRICT

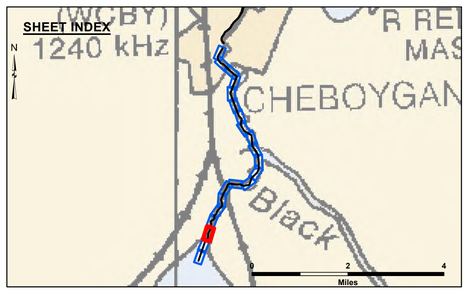
Surveyed By: ____
Plotted By: ____
Checked By: ____
Submitted: ____
Recommended: Chief, Survey Section
Approved: Chief, Technical Services

Inland Route, MI
Cheboygan River
IR_01_CHB_20260819_CS
19 August 2026

Sheet Reference Number
19 of 21

Revision Number:
5.26.04.06-5.26.04.06

SHEET INDEX



VICINITY MAP



LEGEND

- Cable Submarine
- Cable Overhead
- Channel_Limits
- Beacon, General
- Contour Lines
- Channel_Limits

SOUNDING LEGEND

- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'

1 inch = 50 feet

Feet

0 50 100 150 200 250

NOTES:

1. THE SOUNDINGS INDICATED HEREIN ARE GENERALIZED DEPTHS AND ARE NOT REPRESENTATIVE OF THE FULL DATASET.

2. ELEVATIONS AND SOUNDING DEPTHS ARE REFERRED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85). LOW WATER DATUM (LWD) ZERO IS 577.5 FEET ABOVE MEAN WATER LEVEL AT FATHER POINT QUEBEC. WATER LEVEL READINGS ARE FROM RTK GPS COLLECTED THROUGHOUT THE RIVERS.

3. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THE TIME.

4. HORIZONTAL POSITIONING IS DETERMINED BY APPLANIX POS MV4 W/VRS-RTK OR MARINESTAR G2+.

5. THE GRID SHOWN REFERENCES LATITUDE/LONGITUDE DISPLAYED AS DEGREES, MINUTE, SECONDS IN 10 SECOND INCREMENTS. THE SURVEY DATA REPRESENTED HEREIN IS PROJECTED TO THE MICHIGAN STATE PLANE, CENTRAL ZONE (2112), NORTH AMERICAN DATUM 1983 (NAD83), US SURVEY FOOT.

6. UNLESS OTHERWISE NOTED PROJECT DEPTHS ARE 5.0 FEET BELOW LWD

AERIAL PHOTOGRAPHY DATA SOURCE: ESRI, VANTOR, EARTHSTAR GEOGRAPHICS, AND THE GIS USER COMMUNITY

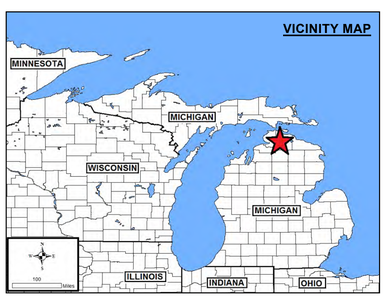
45°34'40" N 84°29'20" W

84°29'20" W 84°29'10" W

45°34'30" N 45°34'40" N

PROJECT DEPTH = 5.0'





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US Army Corps of Engineers
District: CELRE

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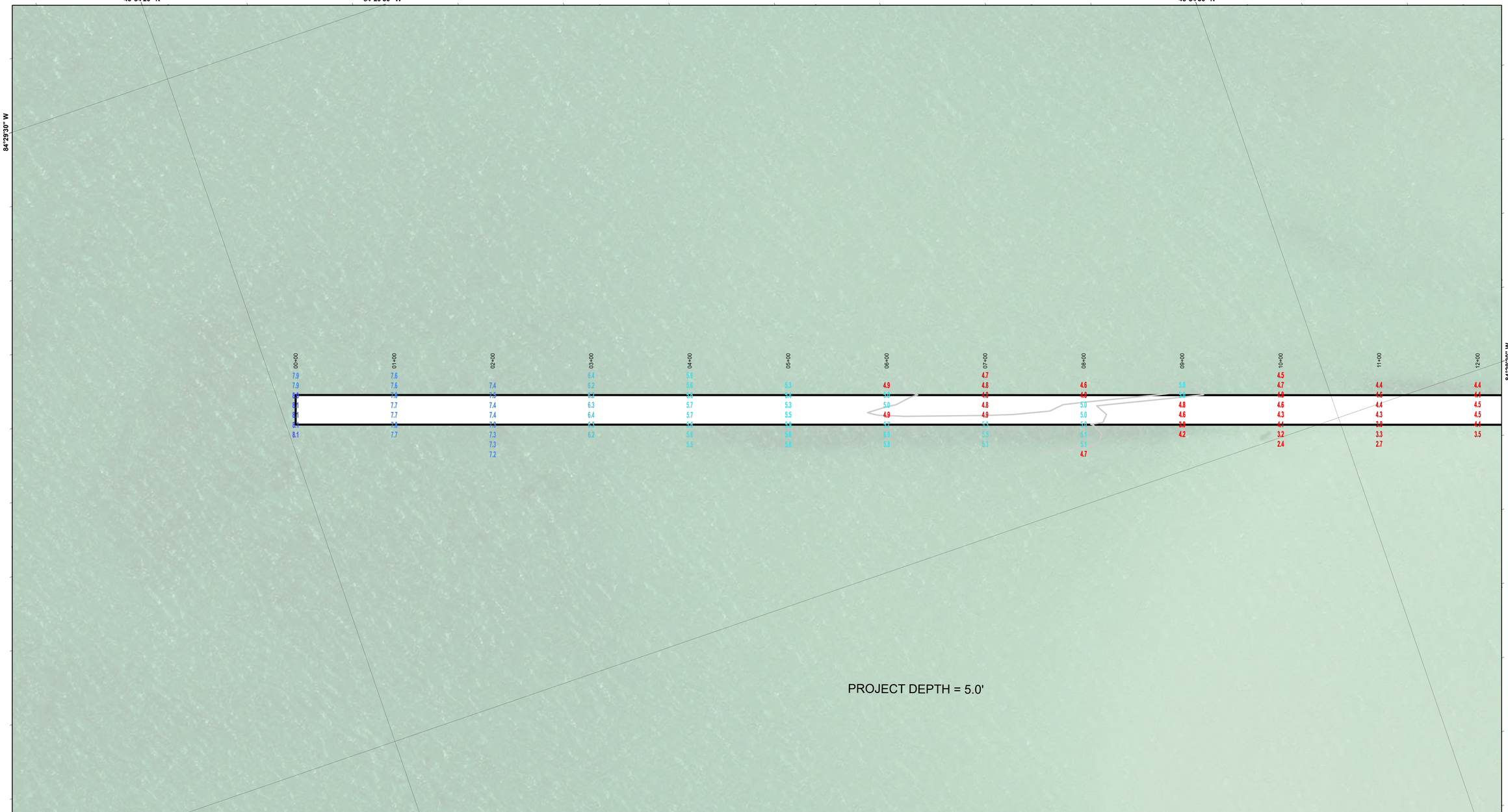
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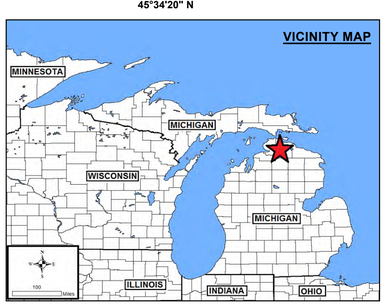


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