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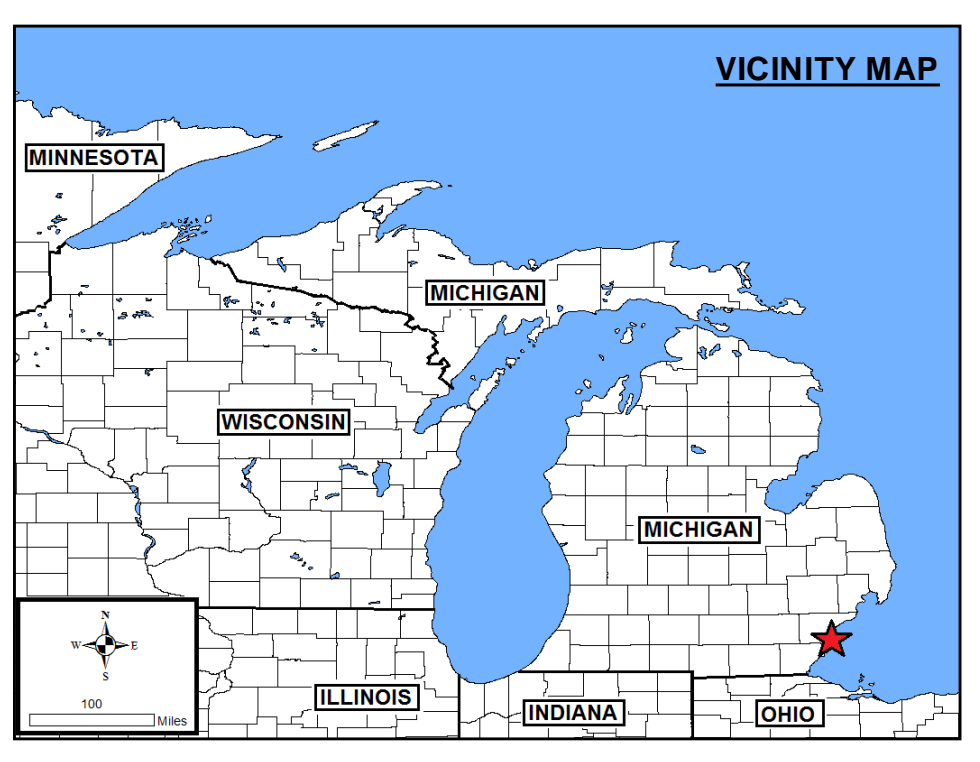
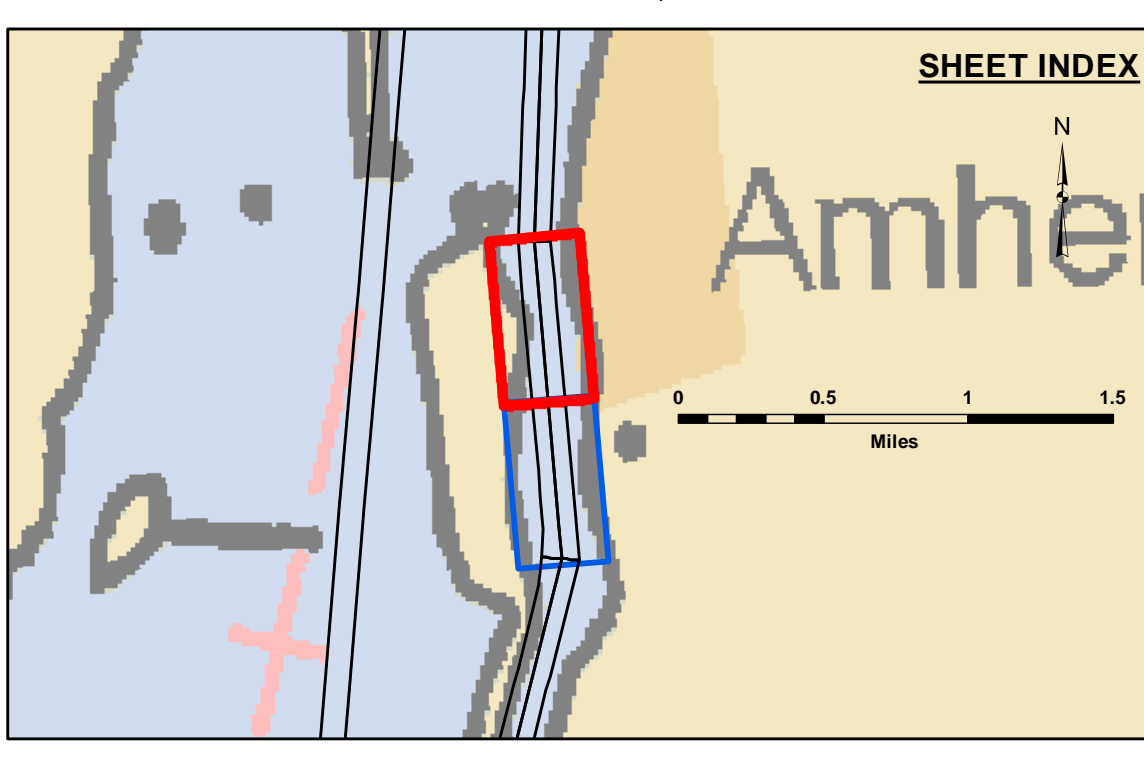
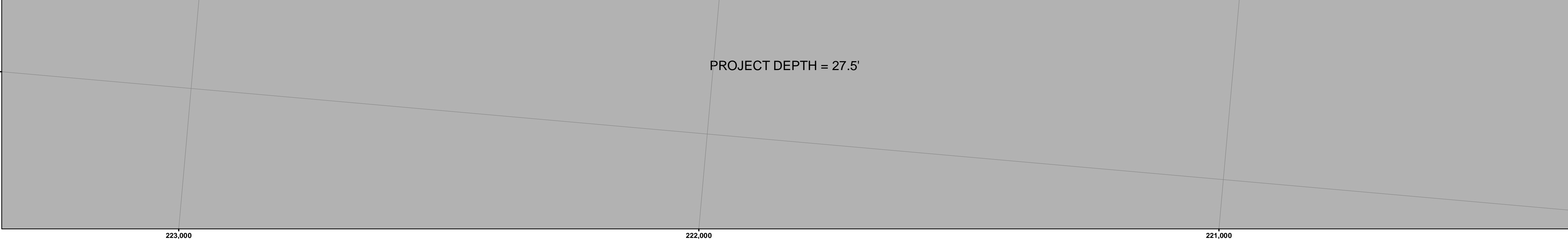
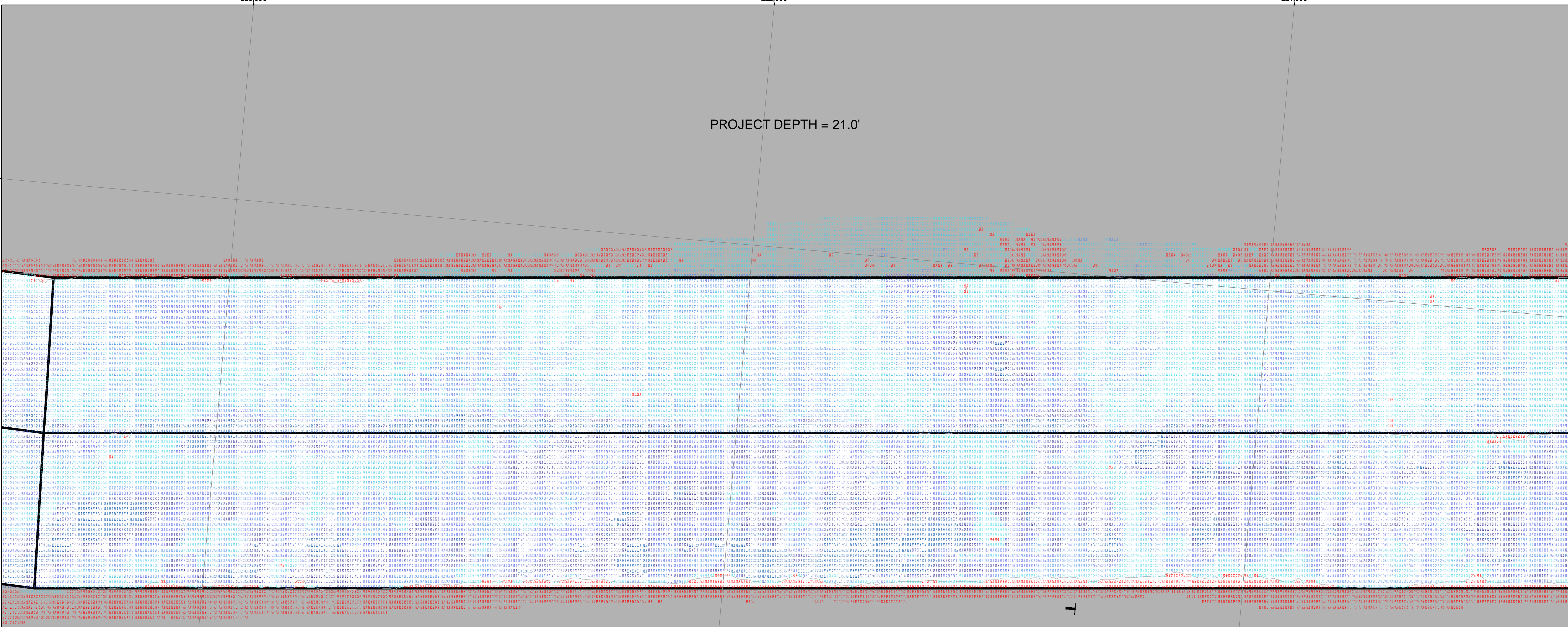
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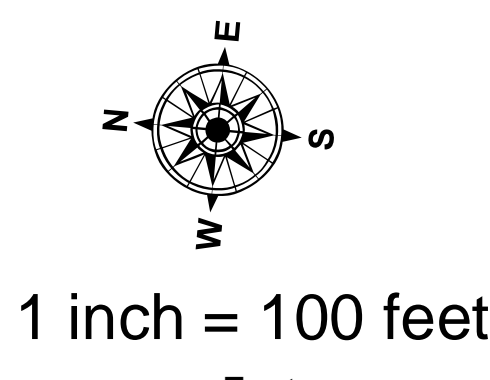
PROJECT DEPTH = 21.0'

PROJECT DEPTH = 27.5'



- LEGEND**
- Cable Submarine
 - - - Cable Overhead
 - Placement Area
 - ⊥ 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'



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U.S. ARMY CORPS OF ENGINEERS
DETROIT DISTRICT

Submitted: _____
Reviewed: _____
Approved: _____

Chief, Survey Section
Chief, Technical Services

Detroit River, MI
Amherstburg Reach
DR_01_AMH_20230809_CS
09 August 2023

Sheet Reference Number
1 of 2

Revision Number:
4-20230809-20

NOTES:

THE SOUNDINGS INDICATED HEREIN ARE GENERALIZED DEPTHS AND ARE NOT REPRESENTATIVE OF THE FULL DATASET. THE SOUNDINGS REPRESENT THE MINIMUM DEPTH FOUND WITHIN THE 10X10 FOOT AREA CENTERED ON THE TEXT, DERIVED FROM A 1X1 FOOT AVERAGE DATASET AT CELL CENTER. THIS MAP SHOULD NOT BE USED FOR CHANNEL CLEARANCE OR VOLUME COMPUTATIONS. MINIMUM DEPTH DATA IS PRODUCED FOR STRIKE/SOAL REMOVAL OPERATIONS AND NOTICE TO NAVIGATION INTERESTS.

HORIZONTAL GRID DATUM BASED ON MICHIGAN STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, SOUTH ZONE (2113), NORTH AMERICAN DATUM 1983, U.S. SURVEY FOOT.

ALL SOUNDINGS ARE REFERENCED TO INTERNATIONAL GREAT LAKES DATUM OF 1985 (IGLD85).

PROJECT DEPTHS FOR LIME KILN, AMHERSTBURG AND HACKETT CHANNELS = 21.0' & 27.5'

TIDE VALUES ARE DERIVED FROM THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) WATER LEVEL STATIONS:

WYANDOTTE, MI (#9044030)
GIBRALTAR (#9044020)
FERMI POWER PLANT, MI (#9063090)

POSITIONING: APPLANIX POS-MV4 W/ VRS/RTK OR MARINESTAR GNSS.
MOTION COMPENSATION: APPLANIX POS-MV4
SONAR: RESONANCE (MULTIBEAM TRANSDUCER)
SOFTWARE: HYPACK

2010 AERIAL PHOTOGRAPHY DATA SOURCE: USGS

ALL COORDINATES ARE IN U.S. SURVEY FEET.

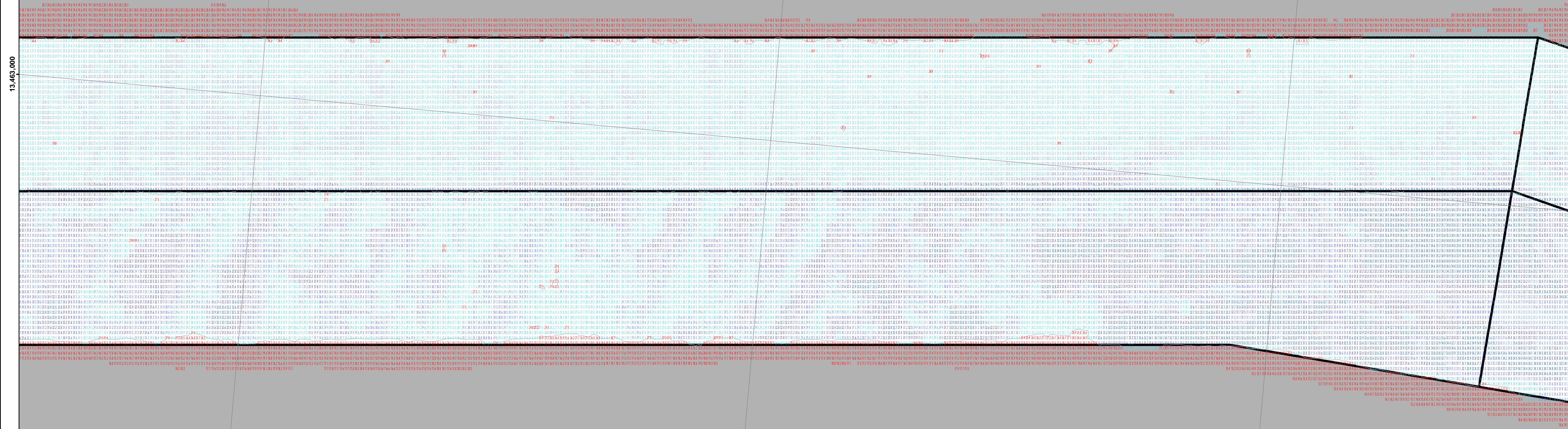
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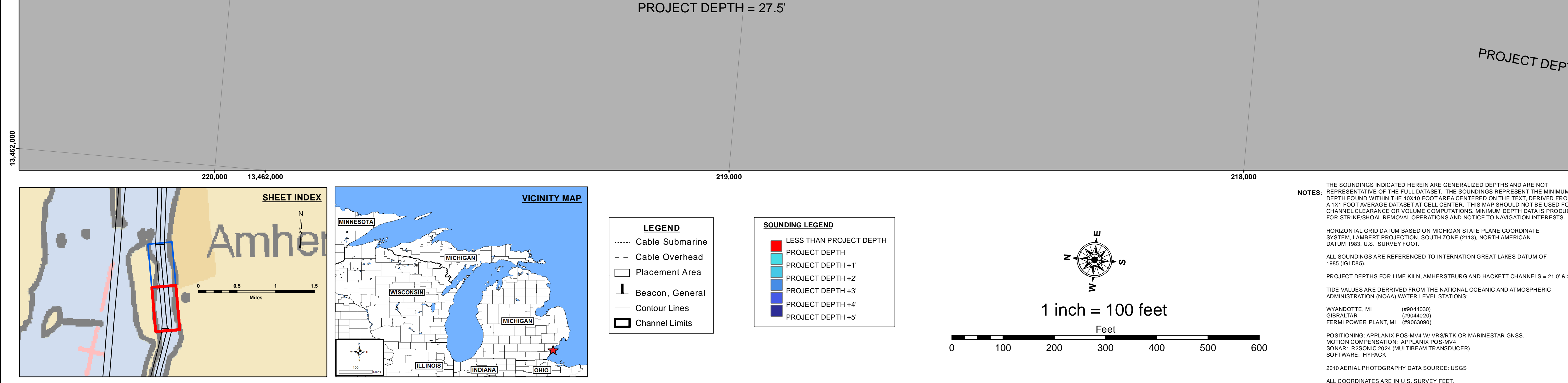
PROJECT DEPTH = 21.0'



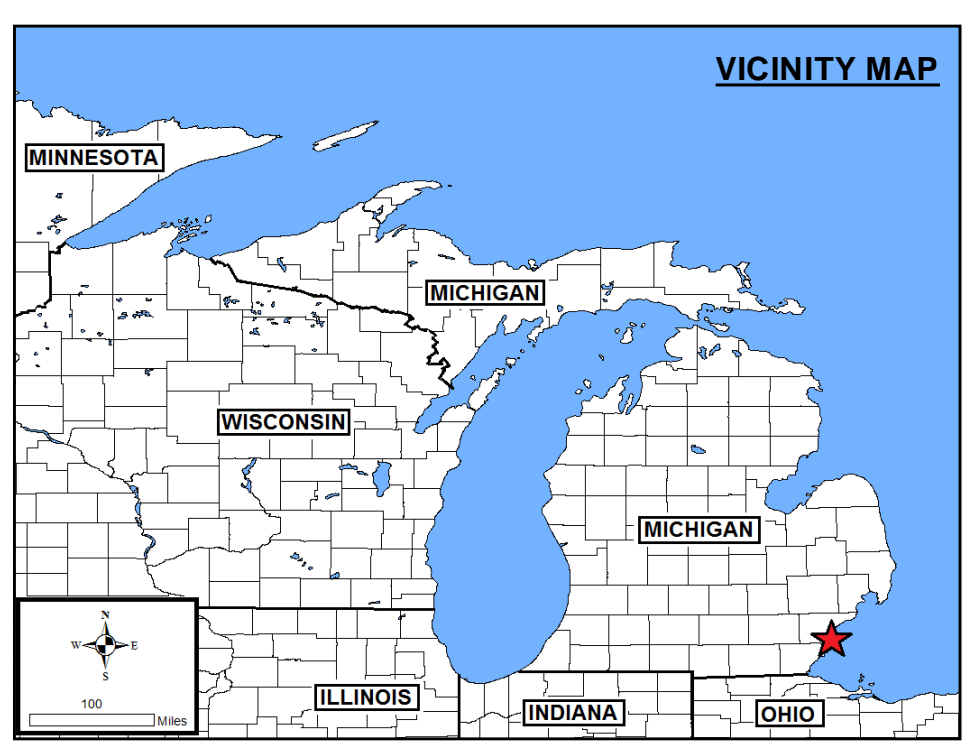
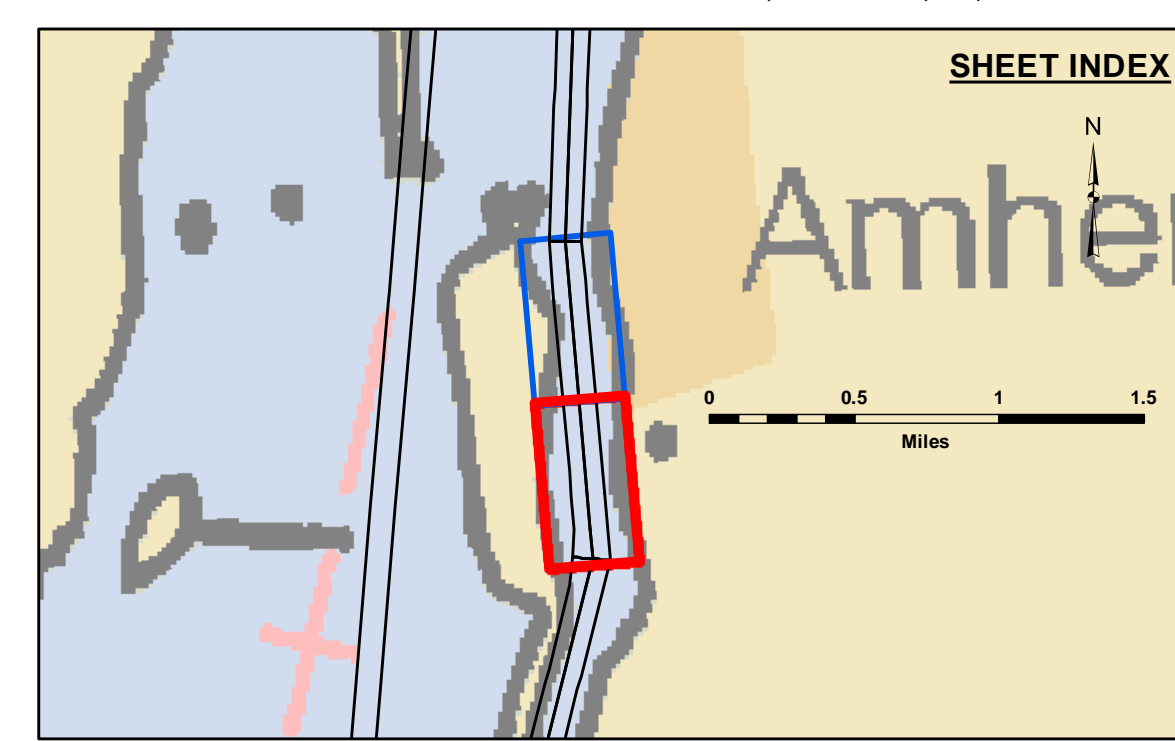
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PROJECT DEPTH = 27.5'

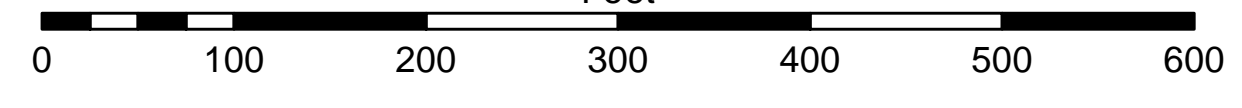
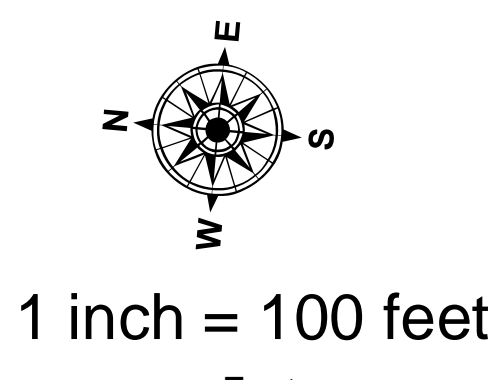


13,462,000



- LEGEND**
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MOTION COMPENSATION: APPLANIX POS-MV4
SONAR: PSONIC 2024 (MULTIBEAM TRANSDUCER)
SOFTWARE: HYACK

2010 AERIAL PHOTOGRAPHY DATA SOURCE: USGS

ALL COORDINATES ARE IN U.S. SURVEY FEET.

U.S. ARMY CORPS OF ENGINEERS
DETROIT DISTRICT

Surveyed By: _____
Plotted By: _____
Checked By: _____

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

Detroit River, MI
Amherstburg Reach
DR_01_AMH_20230809_CS
09 August 2023

Sheet Reference Number
2 of 2

Revision Number:
4.2-202406-20

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