



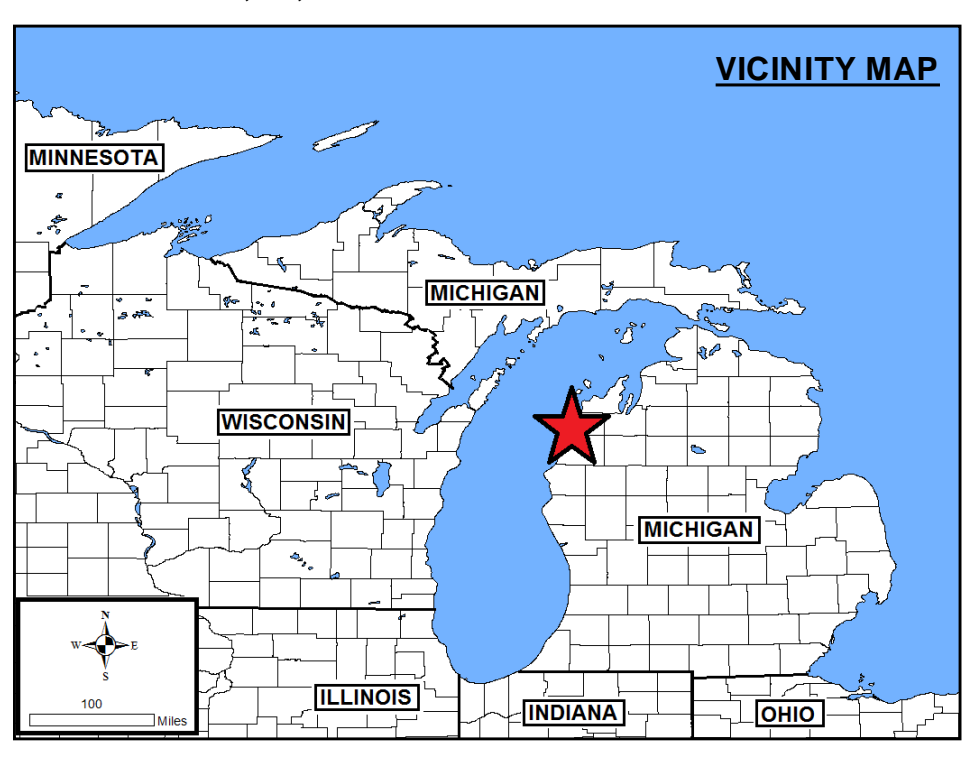
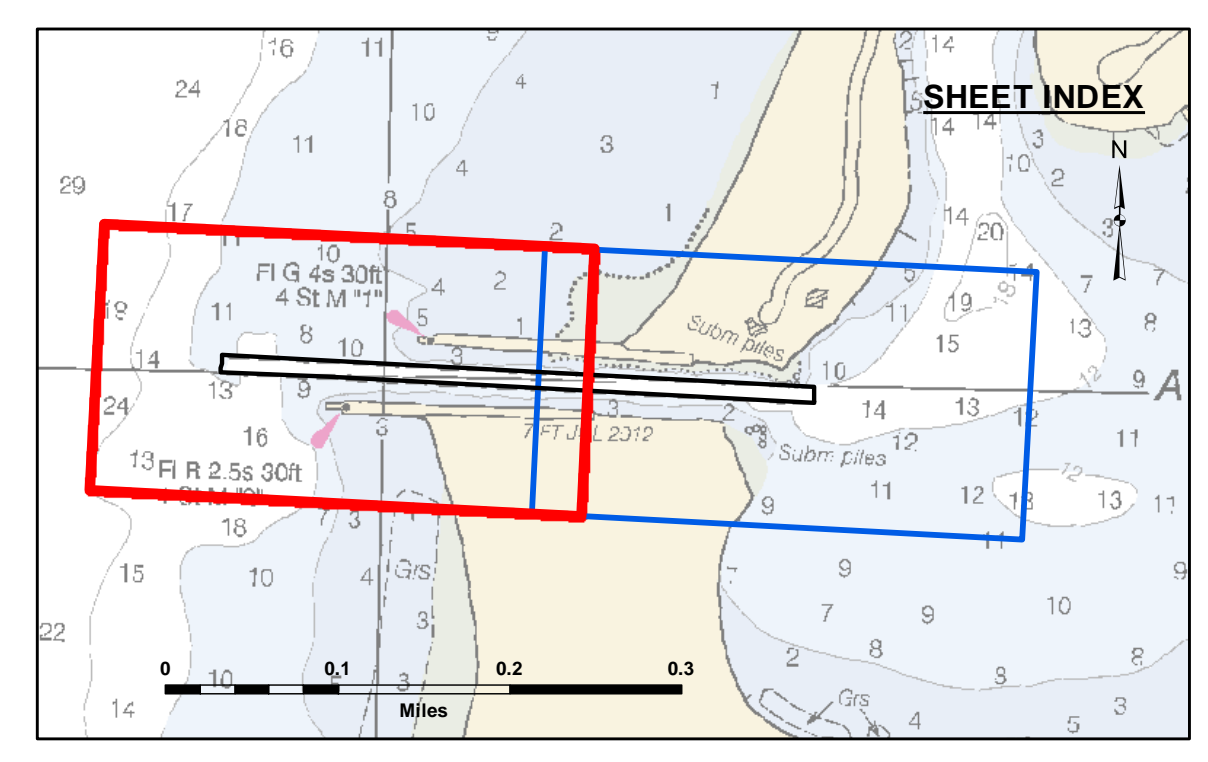
Disclaimer: The data represents the results of data collection processing for a specific US Army Corps of Engineers activity and indicates the general existing conditions. The user is responsible for the accuracy of the data for any of the application of the data for other than its intended purpose.

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 provided. The recipient may not transfer these data to others without also transferring this Disclaimer.



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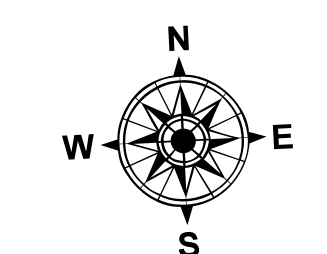


LEGEND

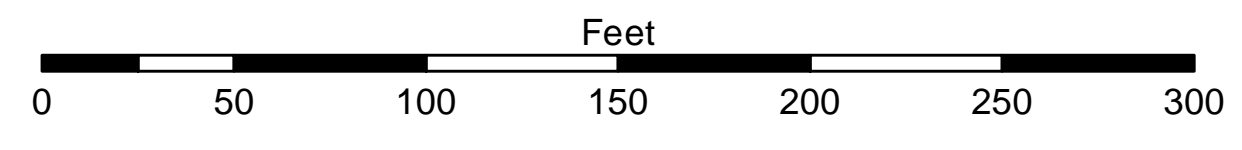
- Cable Submarine
- Cable Overhead
- ▭ Channel Limits
- ⊥ Beacon, General
- Contour Lines

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

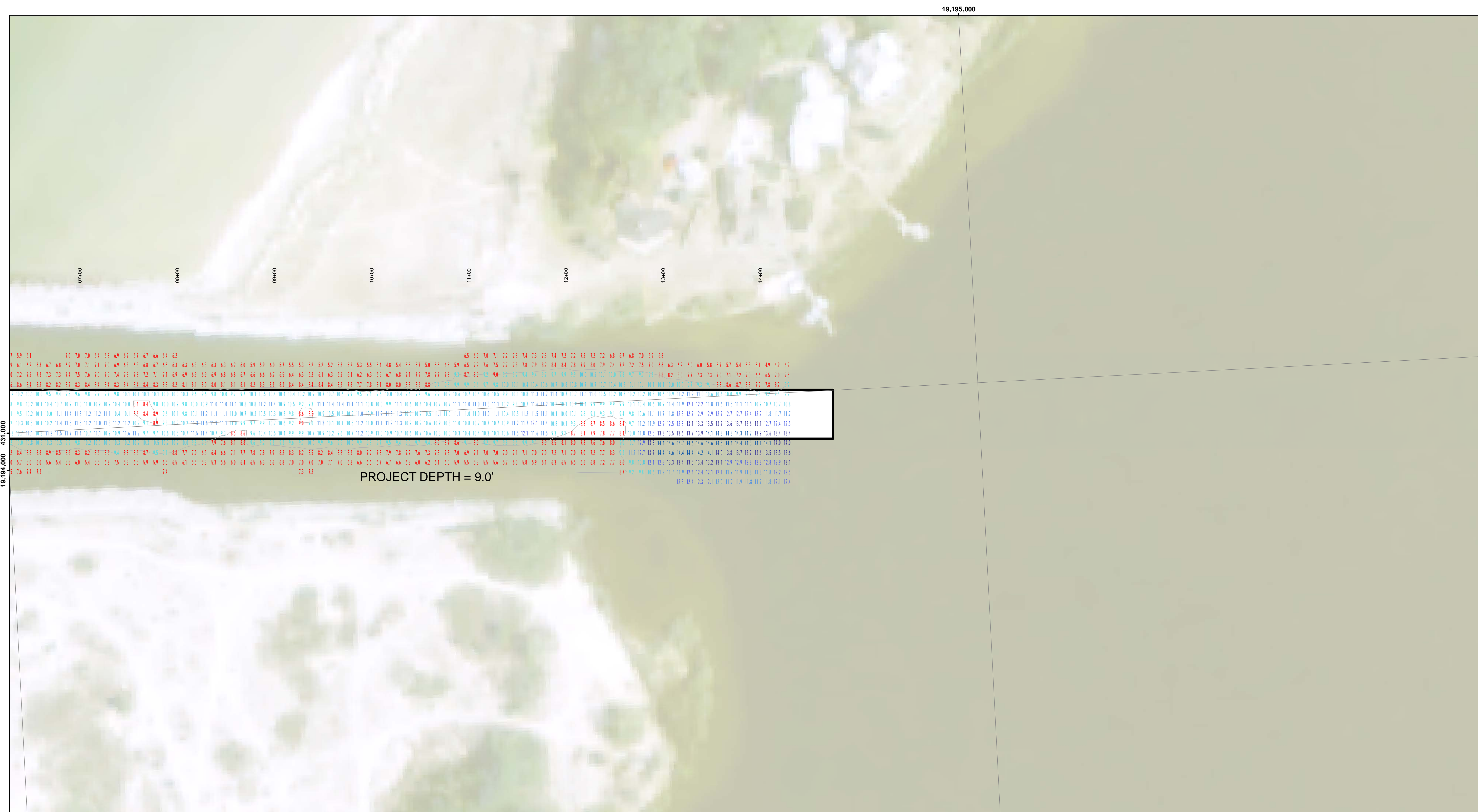


- NOTES:**
1. THE SOUNDINGS INDICATED HEREON ARE GENERALIZED DEPTHS AND ARE NOT REPRESENTATIVE OF THE FULL DATASET. THE SOUNDINGS REPRESENT THE MINIMUM DEPTH FOUND WITHIN THE 10 FOOT BY 10 FOOT AREA CENTERED ON THE TEXT, DERIVED FROM A 1 FOOT BY 1 FOOT AVERAGE DATASET AT CELL CENTER. THIS MAP SHOULD NOT BE USED FOR CHANNEL CLEARANCE OR VOLUME COMPUTATIONS. MINIMUM DEPTH DATA IS PRODUCED FOR STRIKE/SOAL REMOVAL OPERATIONS AND NOTICES TO NAVIGATION INTERESTS.
 2. GRIDS SHOWN ARE BASED ON THE NATIONAL GEODETIC SURVEY PROJECTION TABLES, STATE OF MICHIGAN, CENTRAL ZONE (2112), LAMBERT PROJECTION, 1983 NORTH AMERICAN DATUM, US SURVEY FOOT.
 3. ALL SOUNDINGS ARE REFERENCED TO I.G.L.D. FOR LAKE MICHIGAN, ELEVATION 577.5 FT. ABOVE MEAN SEA LEVEL AT RIMOUSKI, QUEBEC.
 4. HYDRAULIC CORRECTOR OF 0.2 FEET APPLIED.
 5. PROJECT DEPTH = 9.0 FEET
 6. VERTICAL WATER LEVEL READINGS WERE TAKEN FROM A FIXED GAUGE MARK AT A DOCK IN ARCADIA HARBOR, MI.
 7. POSITIONING: APPLANIX POS M/V
CORRECTIONS: OMNISTAR GNSS G2
SONAR: R2SONIC 2024 MULTIBEAM
SOFTWARE: HYPACK 2018
VESSEL: LAUNCH 3058
- 2010 AERIAL PHOTOGRAPHY DATA SOURCE: USGS

U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT		
Submitted By: _____	Surveyed By: _____	
Recommended By: Chief, Survey Section	Printed By: _____	
Approved: _____	Checked By: _____	

Arcadia Harbor, MI
Arcadia Harbor
AC_01_DIA_20201020_CS
20 October 2020

Sheet Reference Number
1 of 2

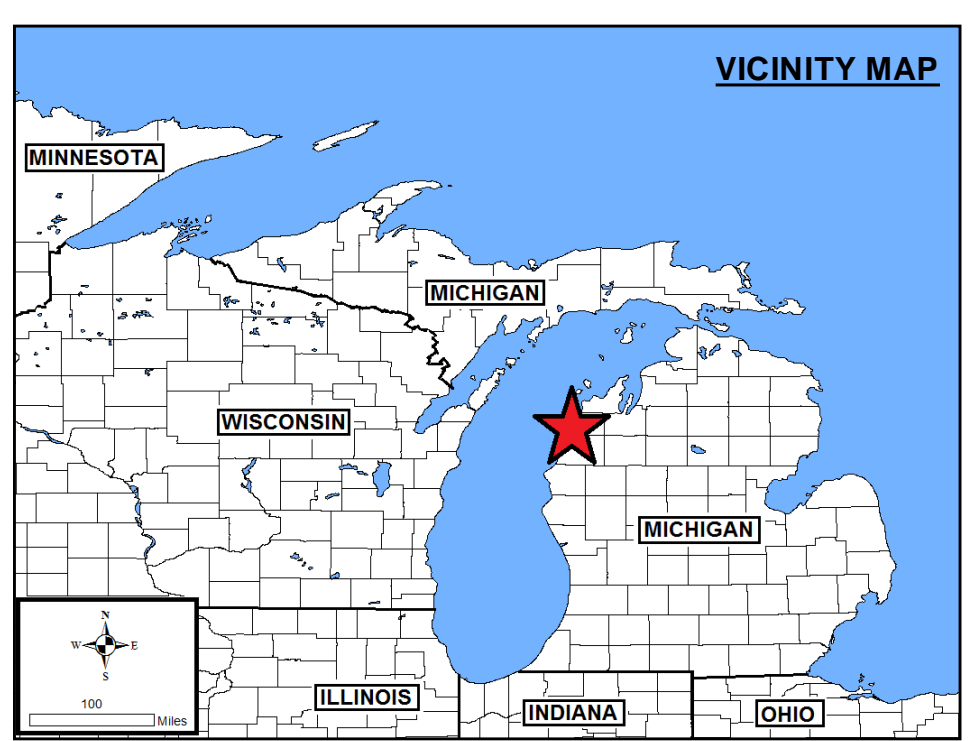
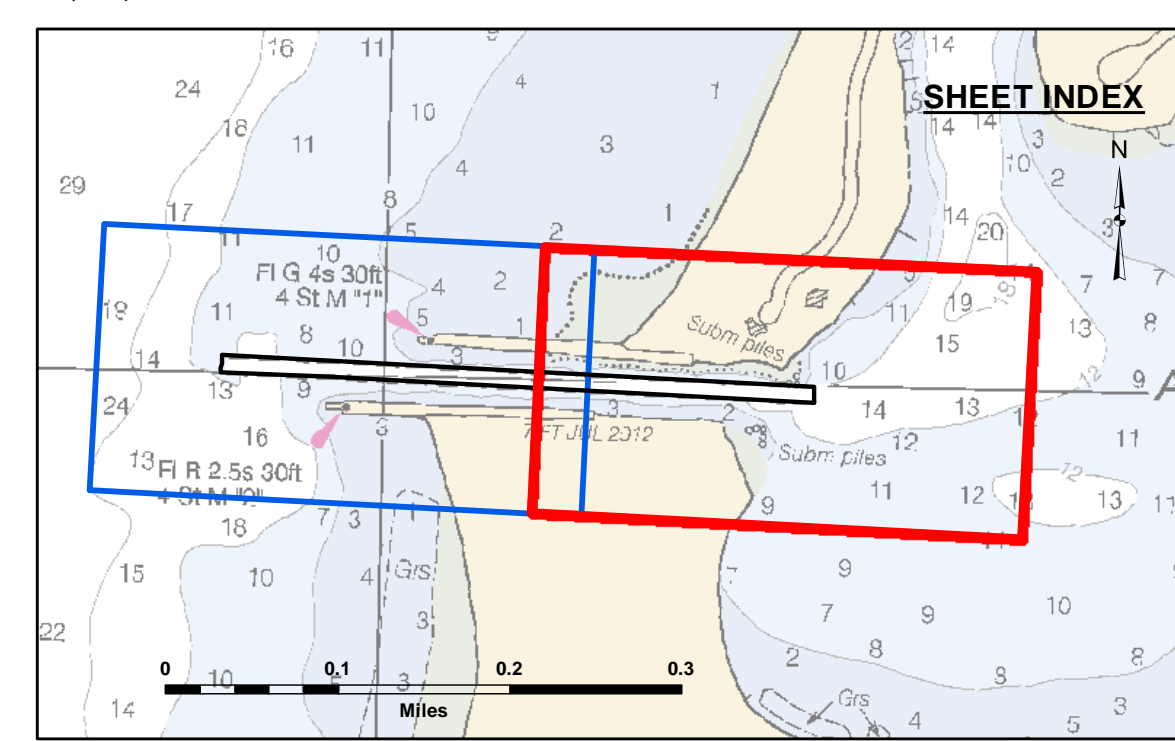


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U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT		
Submitted:	Surveyed By:	
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Arcadia Harbor, MI
Arcadia Harbor
AC_01_DIA_20201020_CS
20 October 2020

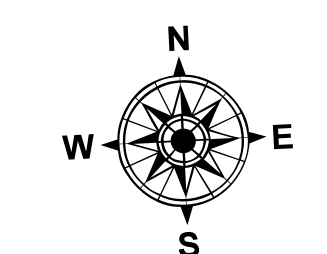


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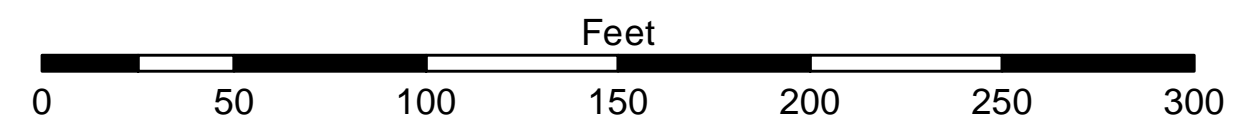
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2 of 2