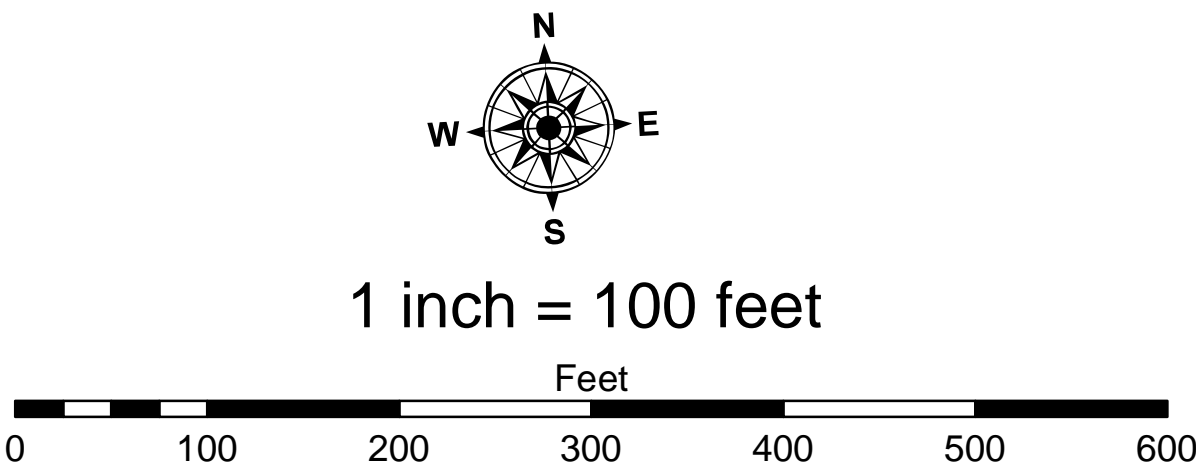


- LEGEND**
- Cable Submarine
 - - Cable Overhead
 - Placement Area
 - └ Beacon, General
 - Contour Lines
 - ▭ Channel_Limits

- 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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MOTION COMPENSATION: APPLANIX POS-MV4
SONAR: ODOM CV-300
SOFTWARE: HYPACK 2018

TIDE GAGE USED WERE REFERENCED FROM A GAGE BOARD SET ON PILING NEAR THE MOUTH OF THE CLINTON RIVER ON THE EAST SIDE OF THE DNR DOCK, IN FRONT OF THE DNR FISHERIES BUILDING.
L.W.D. = 572.3

IMAGERY SOURCED FROM: 2014 MICHIGAN NAIP IMAGERY



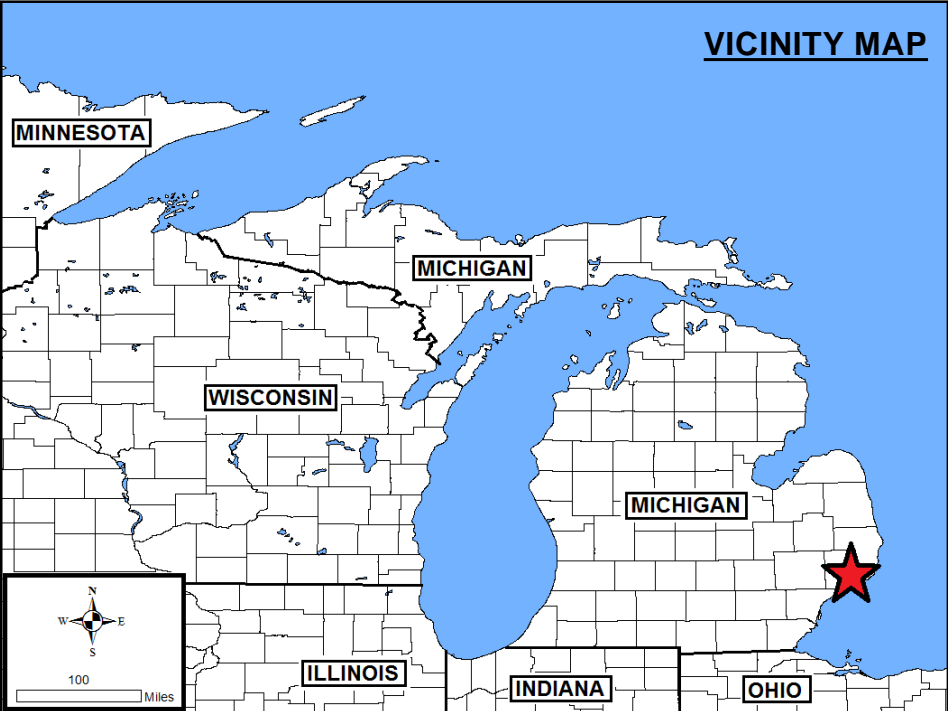
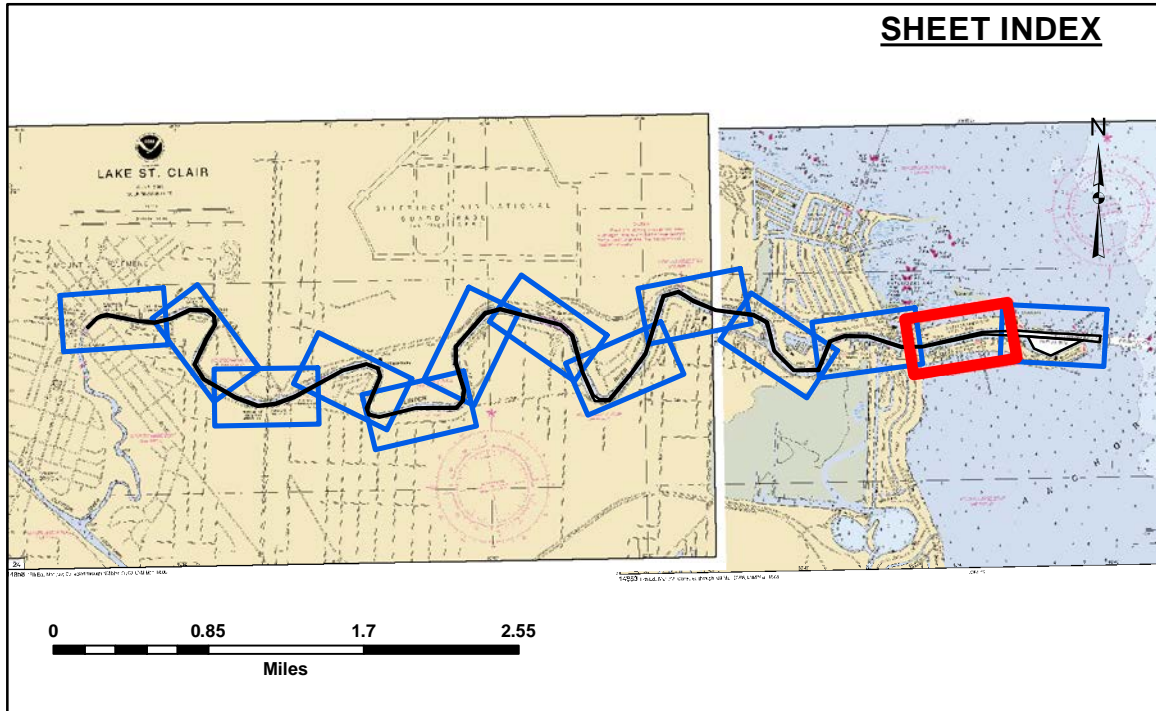
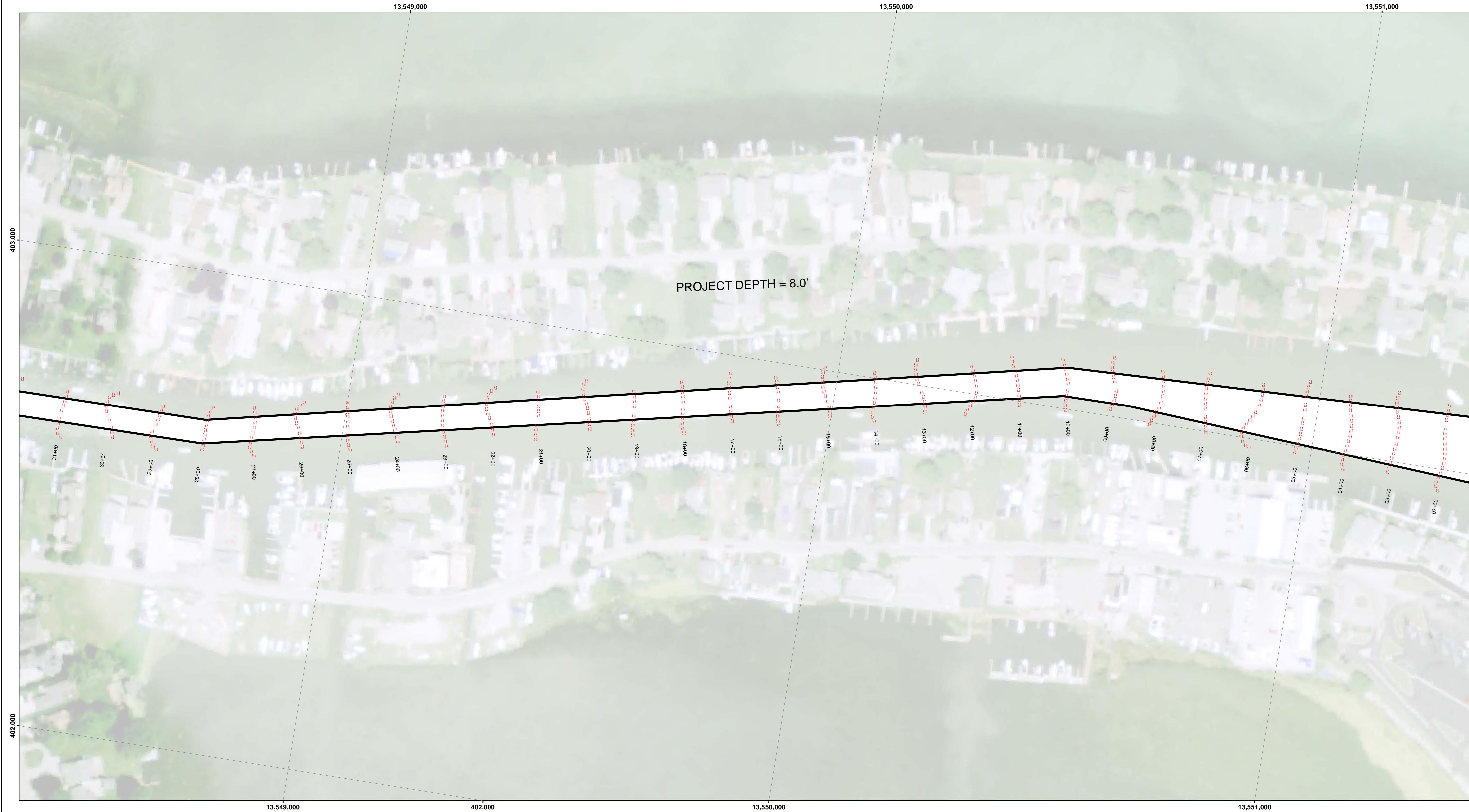
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U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT		
Submitted:	Surveyed By:	
Recommended:	Plotted By:	
Approved:	Chief, Survey Section	
	Chief, Technical Services	

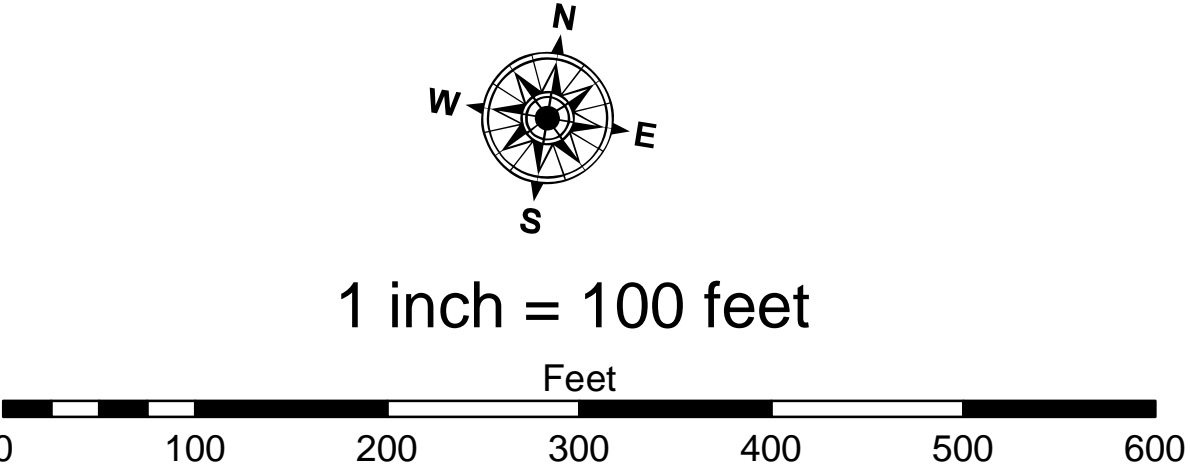
Clinton River, MI
Clinton River
CL_01_INT_20230329_CS
29 March 2023

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1 of 13



- LEGEND**
- Cable Submarine
 - - Cable Overhead
 - Placement Area
 - ┆ Beacon, General
 - Contour Lines
 - ▭ Channel_Limits

- SOUNDING LEGEND**
- LESS THAN PROJECT DEPTH
 - PROJECT DEPTH
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SOFTWARE: HYPACK 2018

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L.W.D. = 572.3

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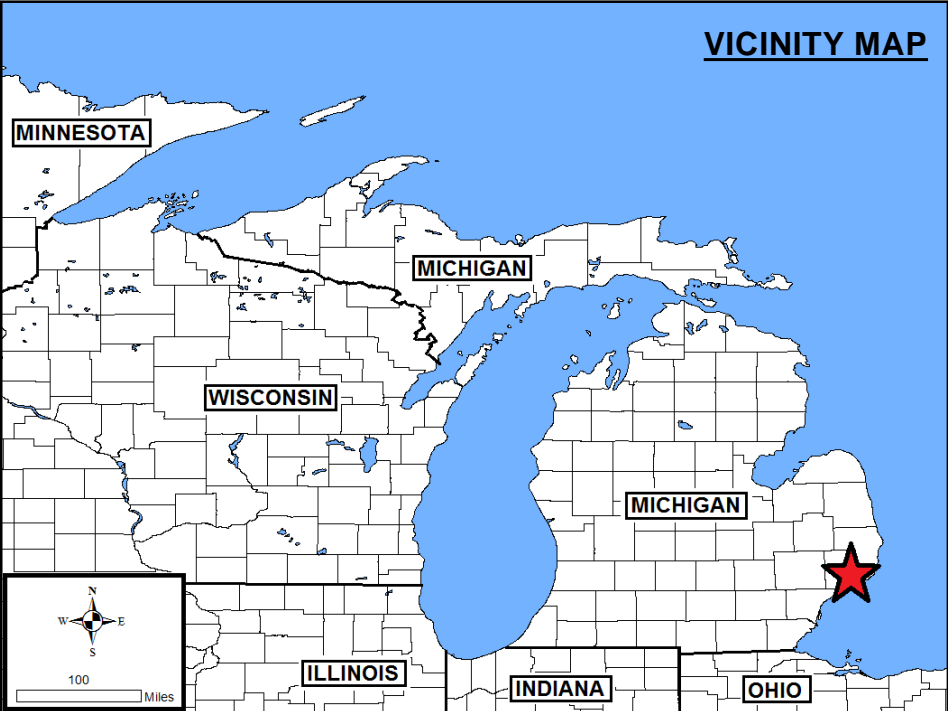
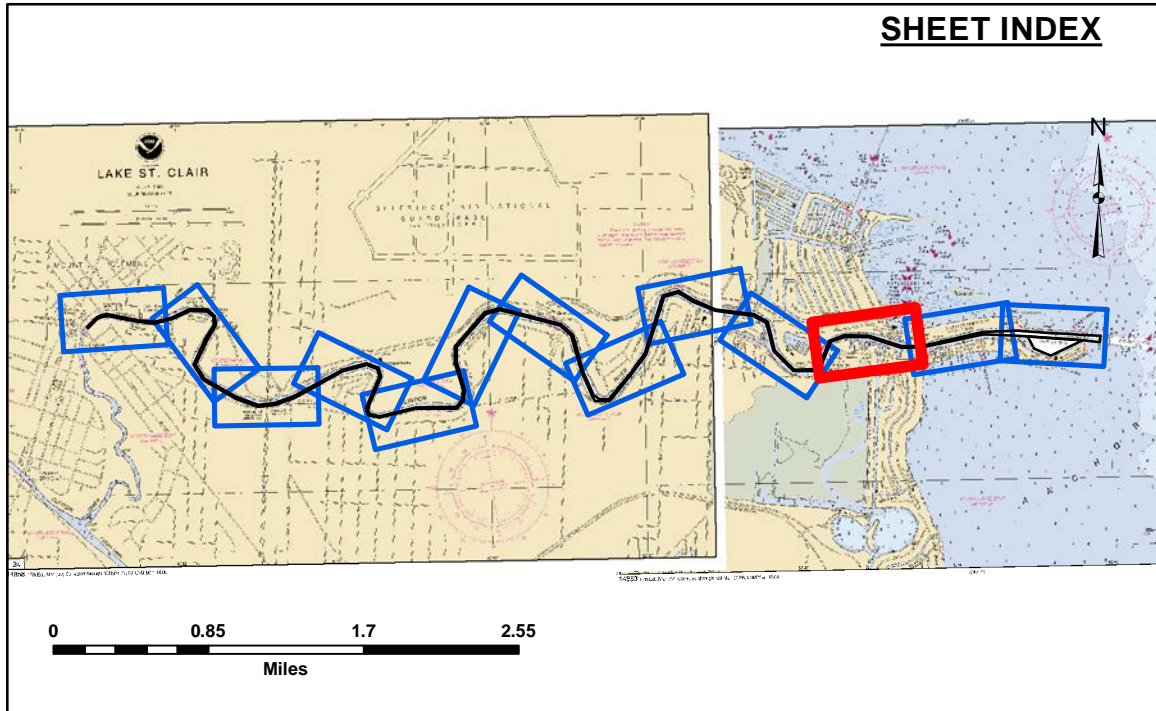
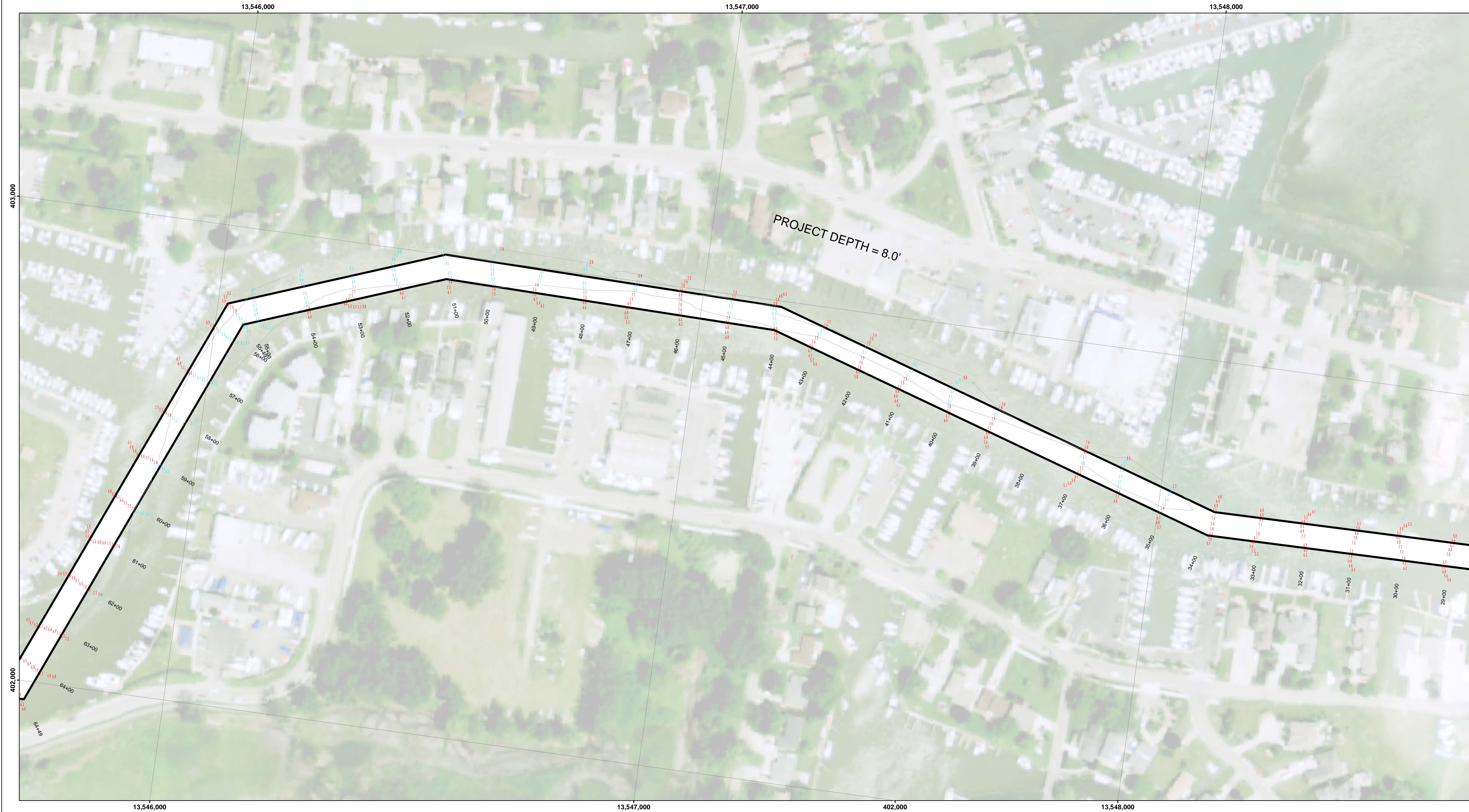
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Recommended:	Chief, Survey Section		
Approved:	Chief, Technical Services		

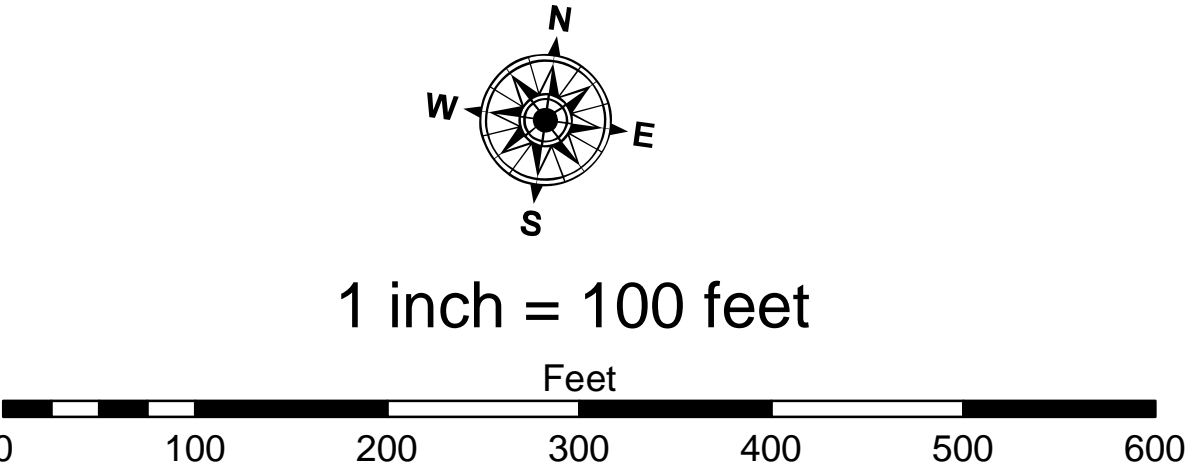
Clinton River, MI
Clinton River
CL_01_INT_20230329_CS
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Number
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- LEGEND**
- Cable Submarine
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- SOUNDING LEGEND**
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SONAR: ODOM CV-300
SOFTWARE: HYPACK 2018

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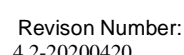
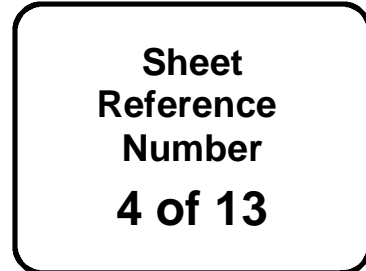
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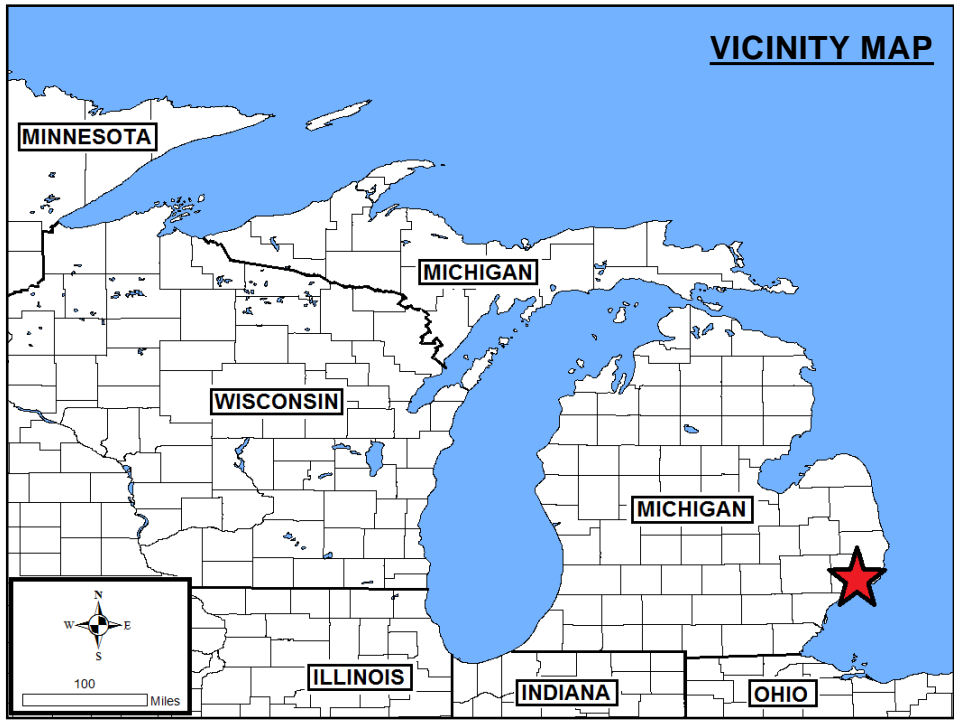
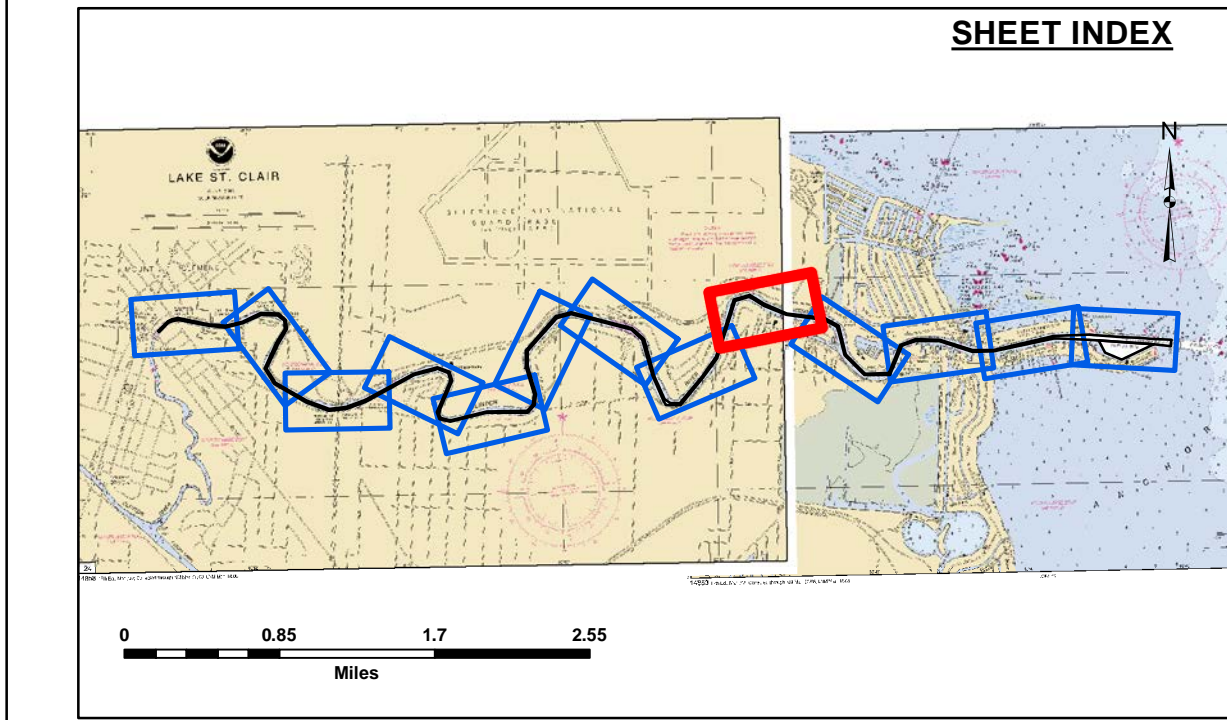
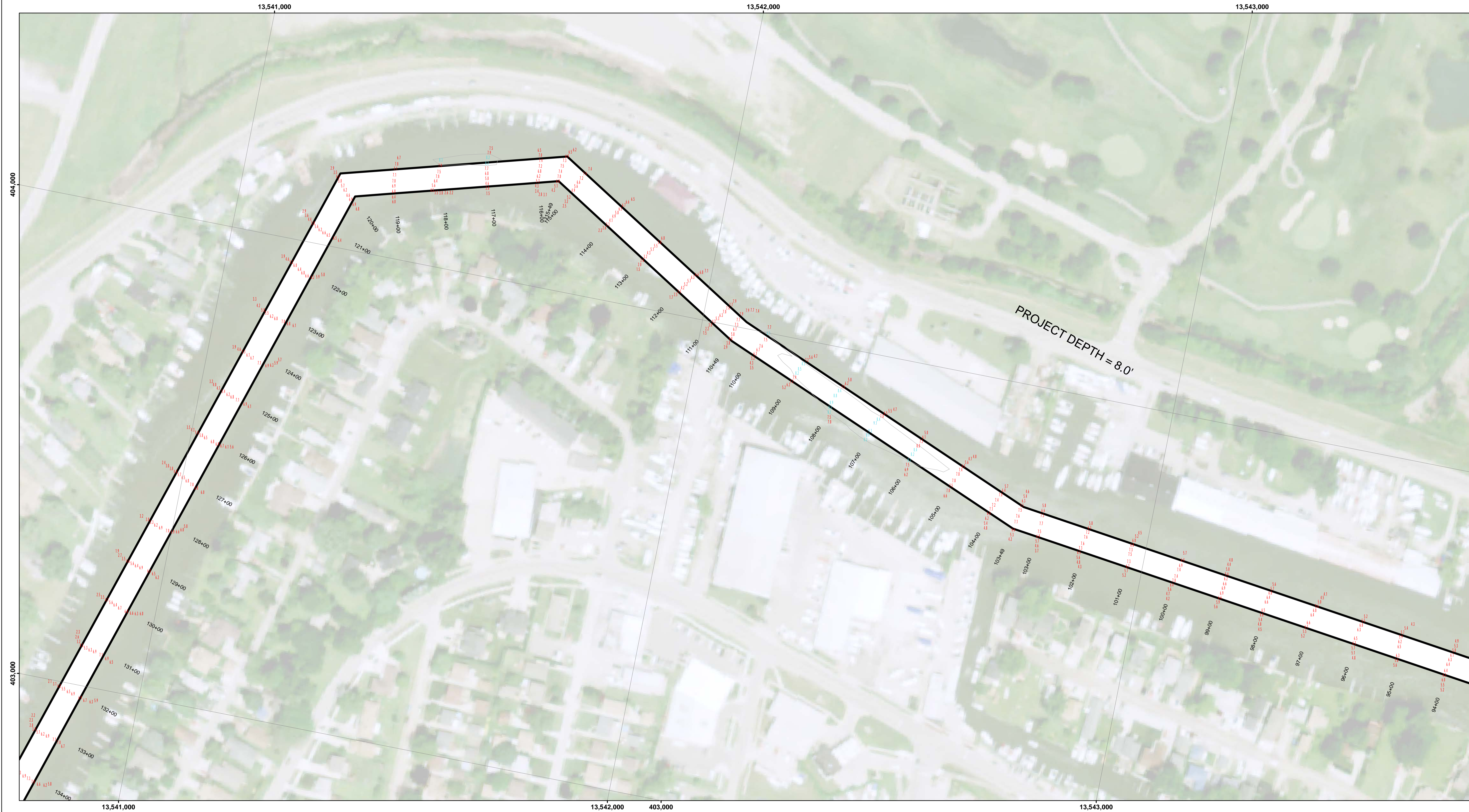
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Recommended:	Plotted By:	
Approved:	Chief, Technical Services	

Clinton River, MI
Clinton River
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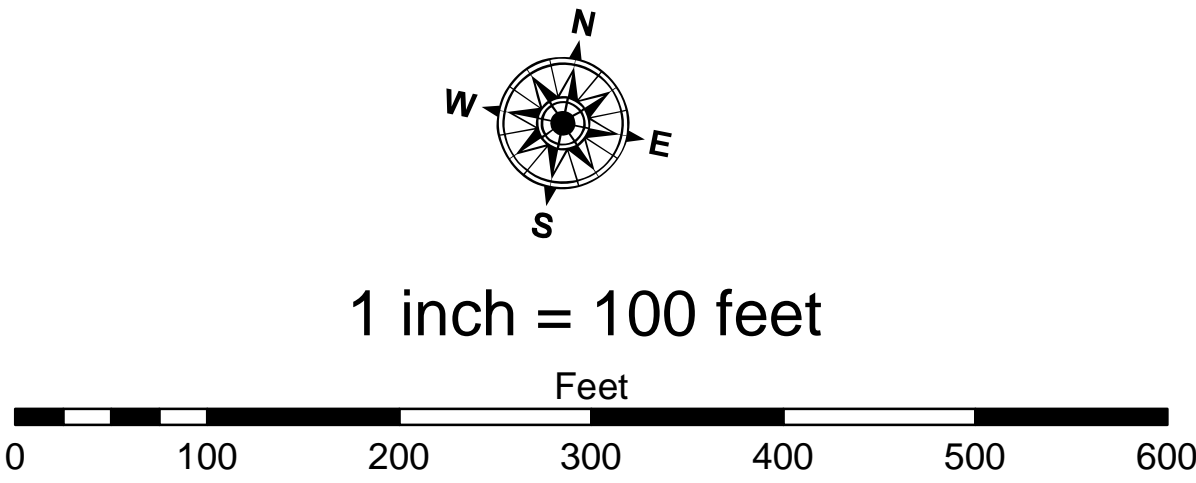
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- LEGEND**
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 - └ Beacon, General
 - Contour Lines
 - ▭ Channel_Limits

- SOUNDING LEGEND**
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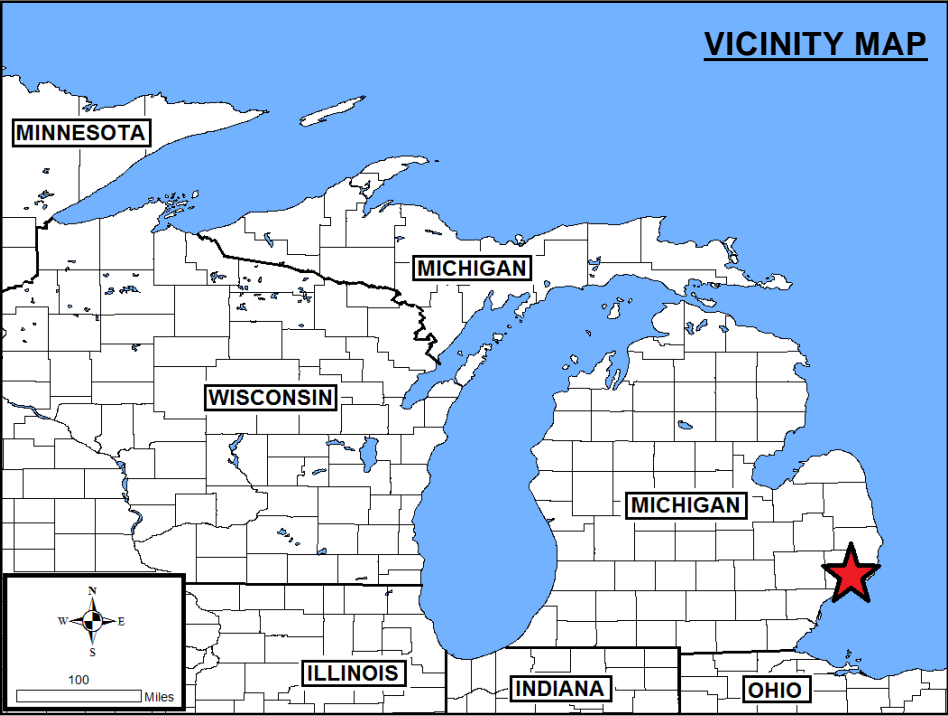
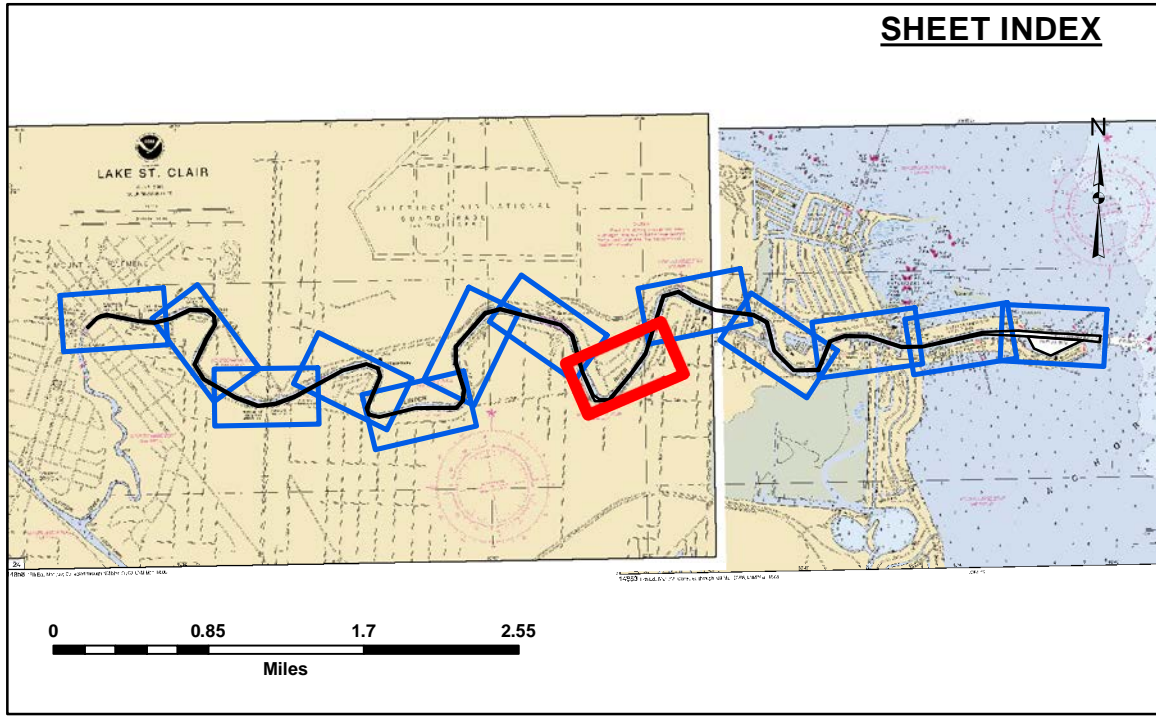
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Submitted:	Surveyed By:	Plotted By:	Checked By:
Recommended:	Chief, Survey Section		
Approved:	Chief, Technical Services		

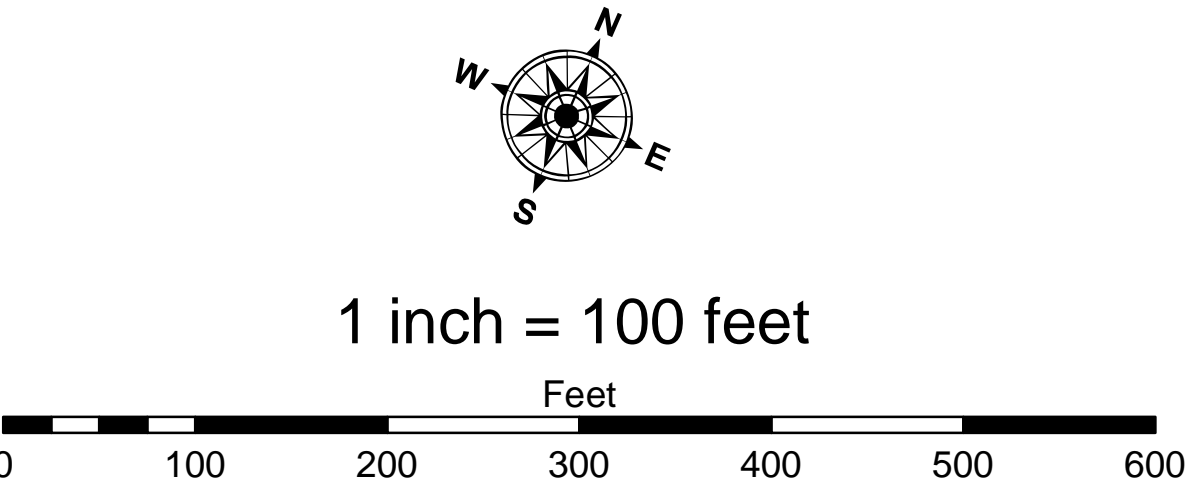
Clinton River, MI
Clinton River
CL_01_INT_20230329_CS
29 March 2023

Sheet
Reference
Number
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- LEGEND**
- Cable Submarine
 - - Cable Overhead
 - Placement Area
 - Beacon, General
 - Contour Lines
 - Channel_Limits

- SOUNDING LEGEND**
- LESS THAN PROJECT DEPTH
 - PROJECT DEPTH
 - PROJECT DEPTH +1'
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MOTION COMPENSATION: APPLANIX POS-MV4
SONAR: ODOM CV-300
SOFTWARE: HYPACK 2018

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L.W.D. = 572.3

IMAGERY SOURCED FROM: 2014 MICHIGAN NAIP IMAGERY



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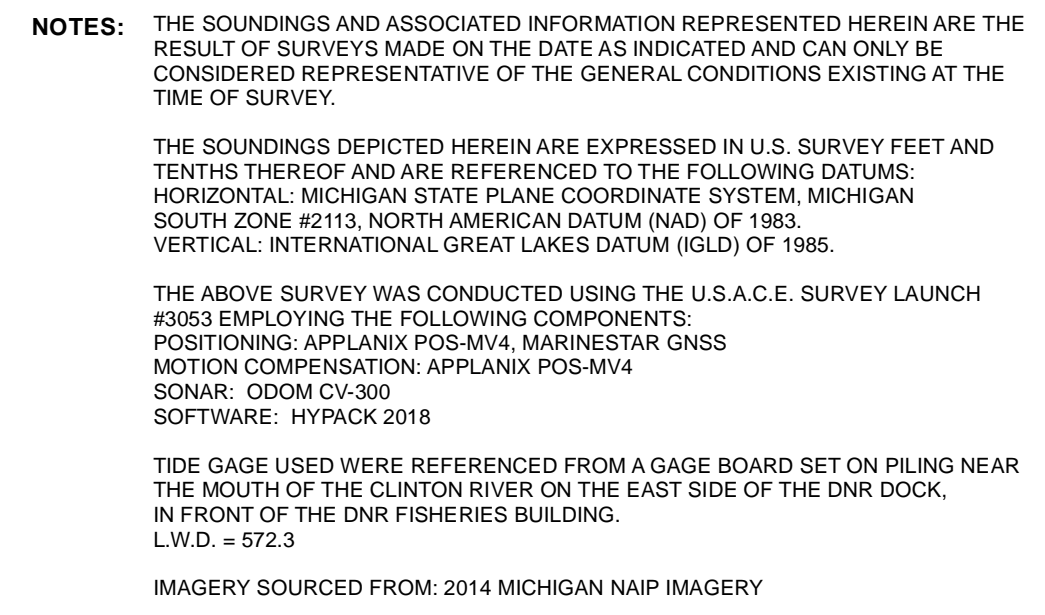
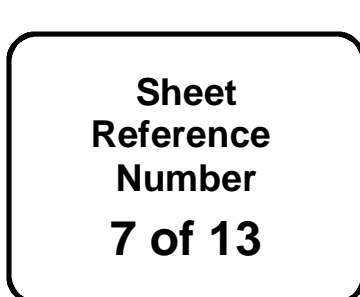
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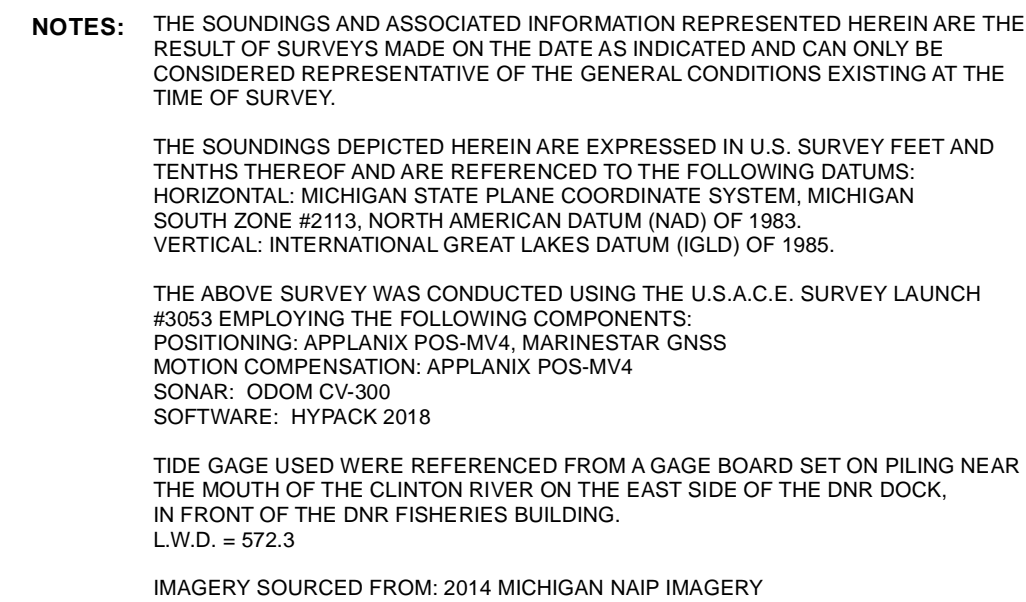
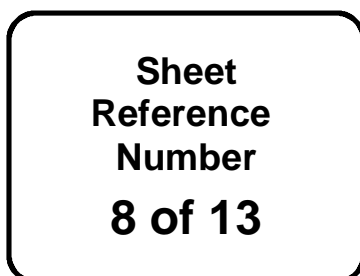
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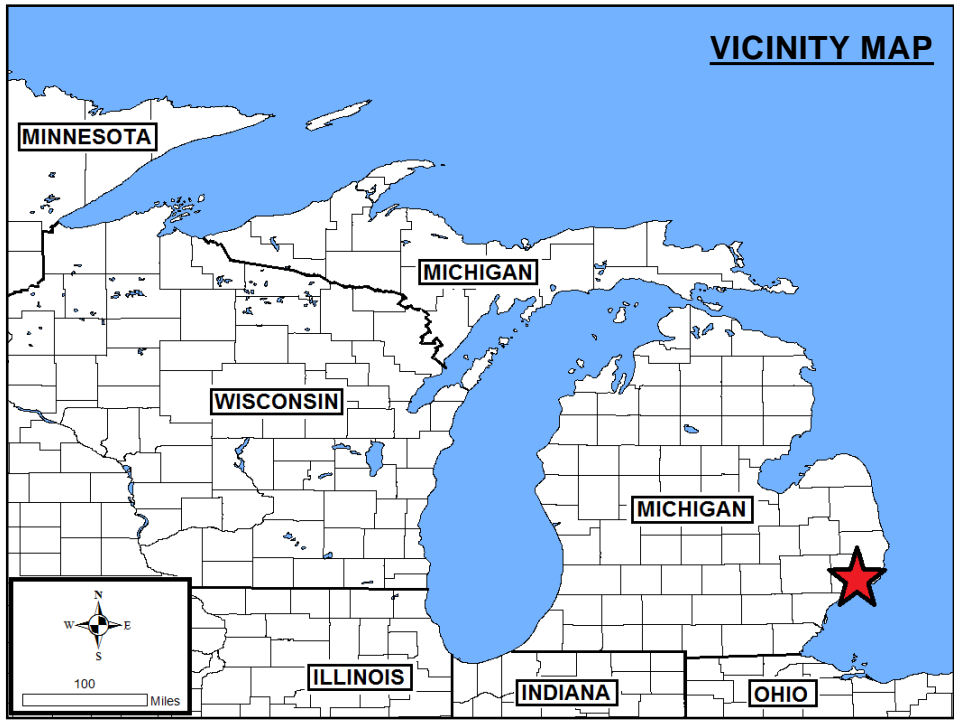
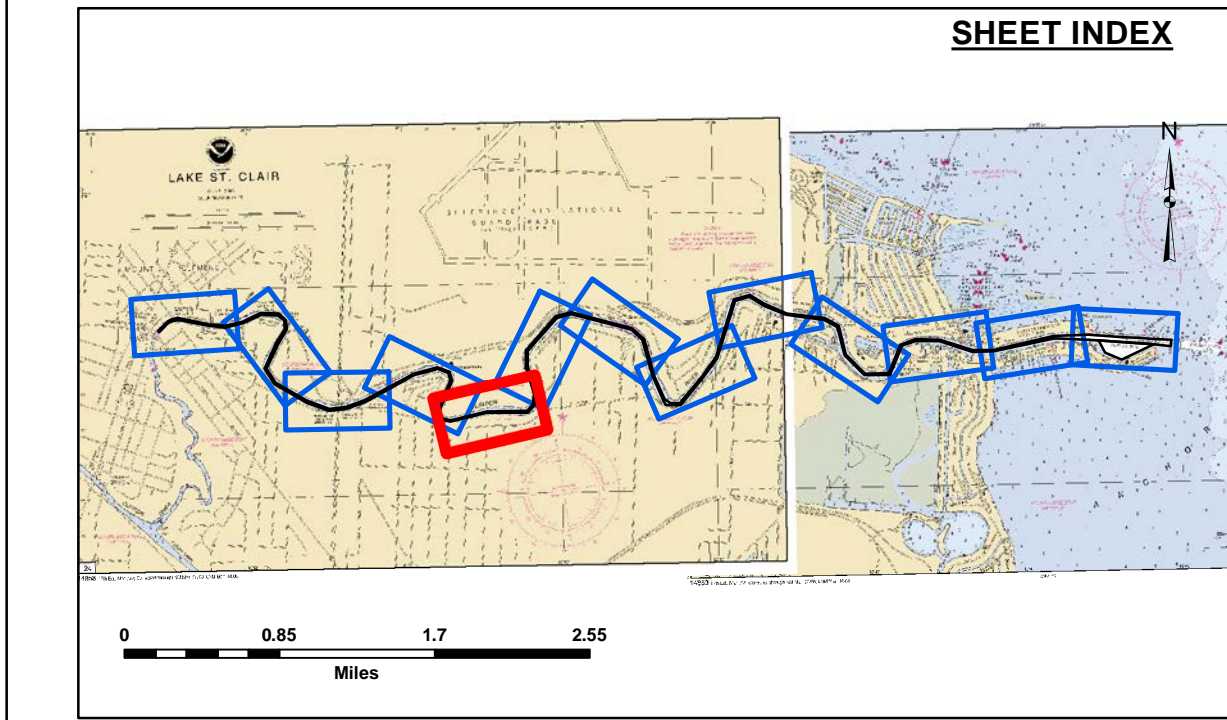
U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT		
Submitted:	Surveyed By:	
Recommended:	Plotted By:	
Approved:	Chief, Survey Section	
	Chief, Technical Services	

Clinton River, MI
Clinton River
CL_01_INT_20230329_CS
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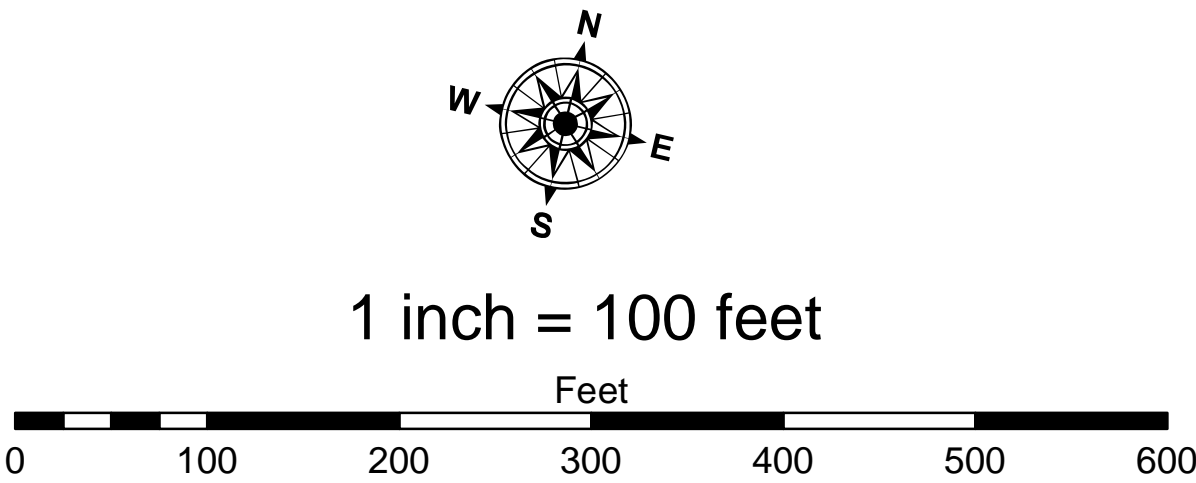






- LEGEND**
- Cable Submarine
 - - Cable Overhead
 - Placement Area
 - ┆ Beacon, General
 - Contour Lines
 - ▭ Channel_Limits

- SOUNDING LEGEND**
- LESS THAN PROJECT DEPTH
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SONAR: ODOM CV-300
SOFTWARE: HYPACK 2018

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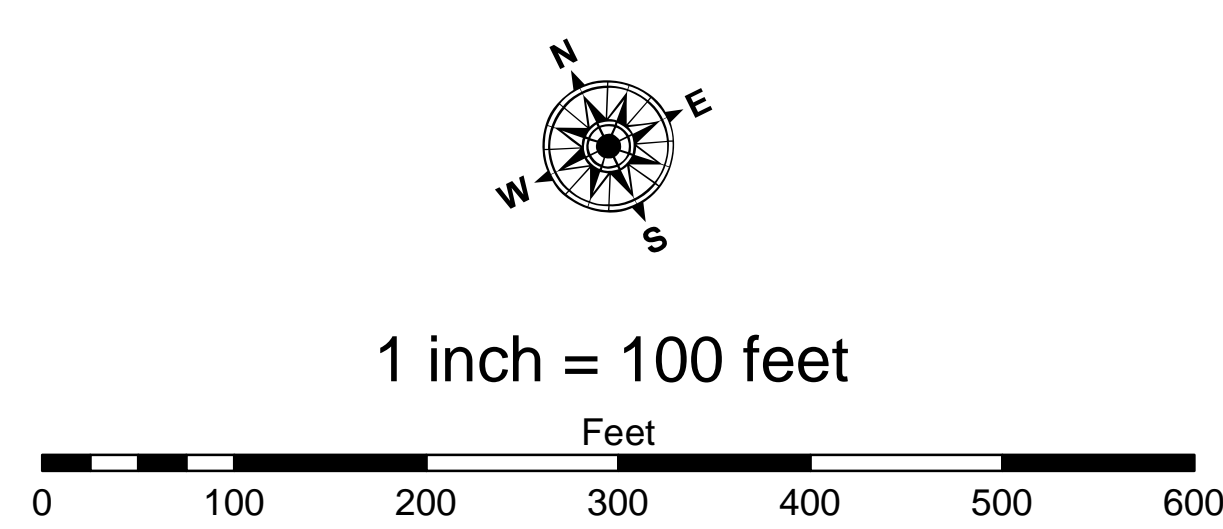
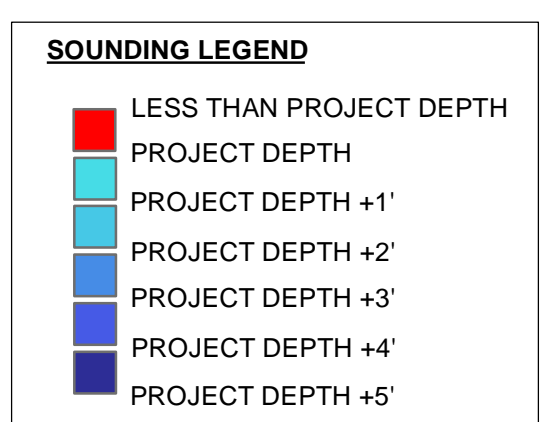
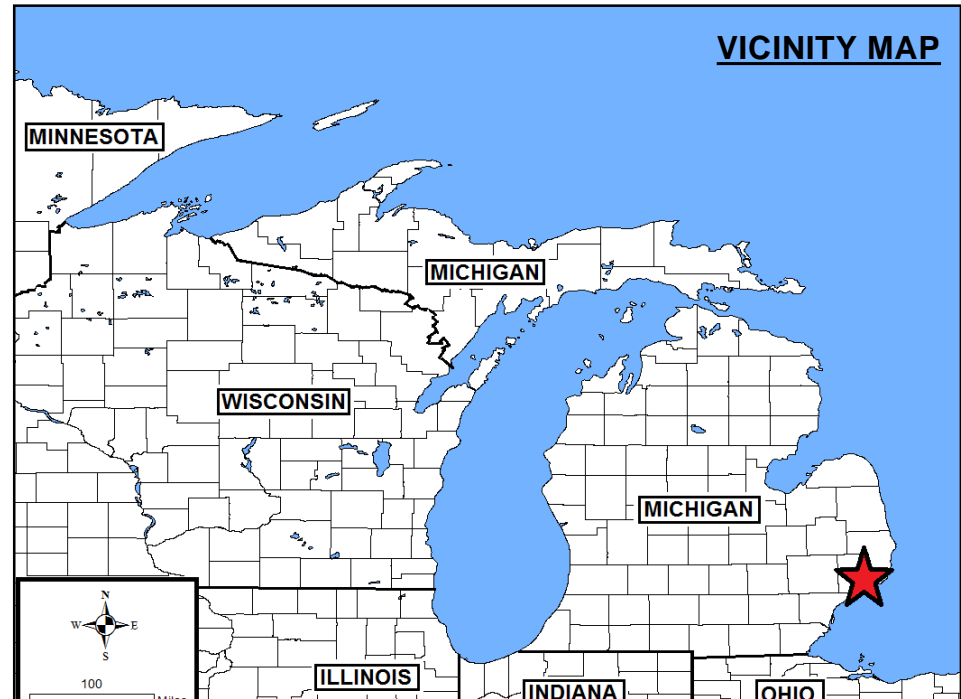
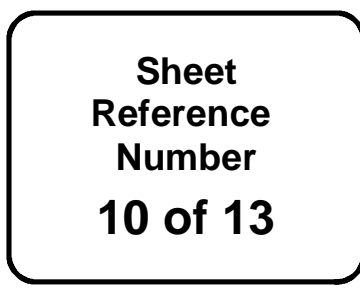
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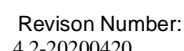
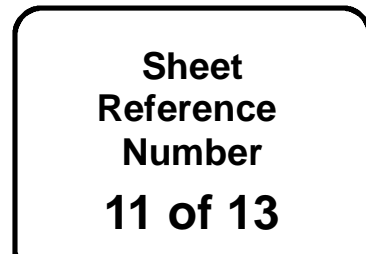
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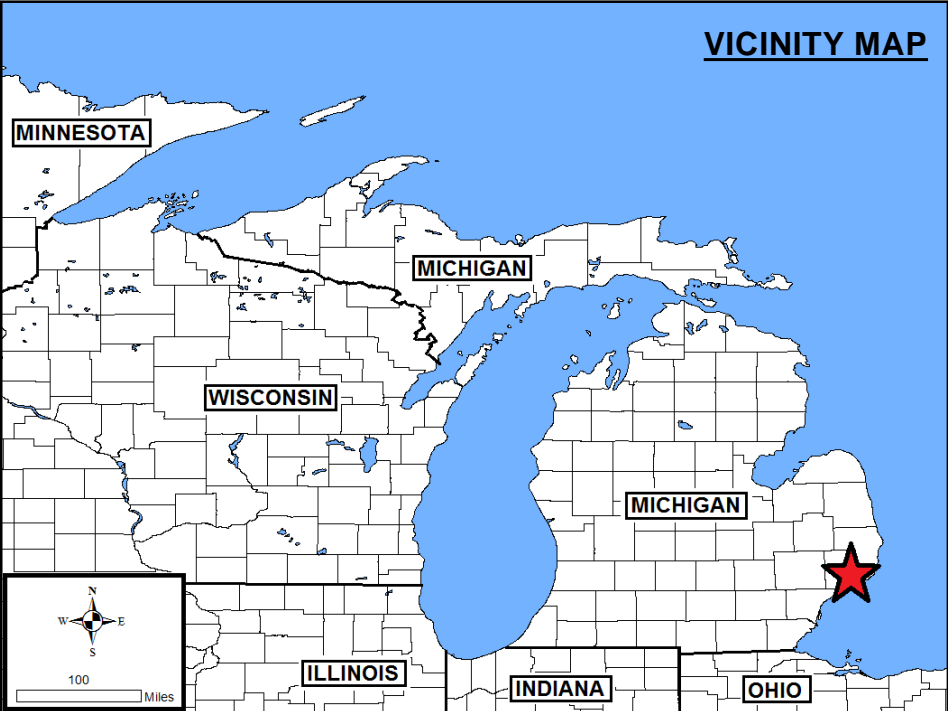
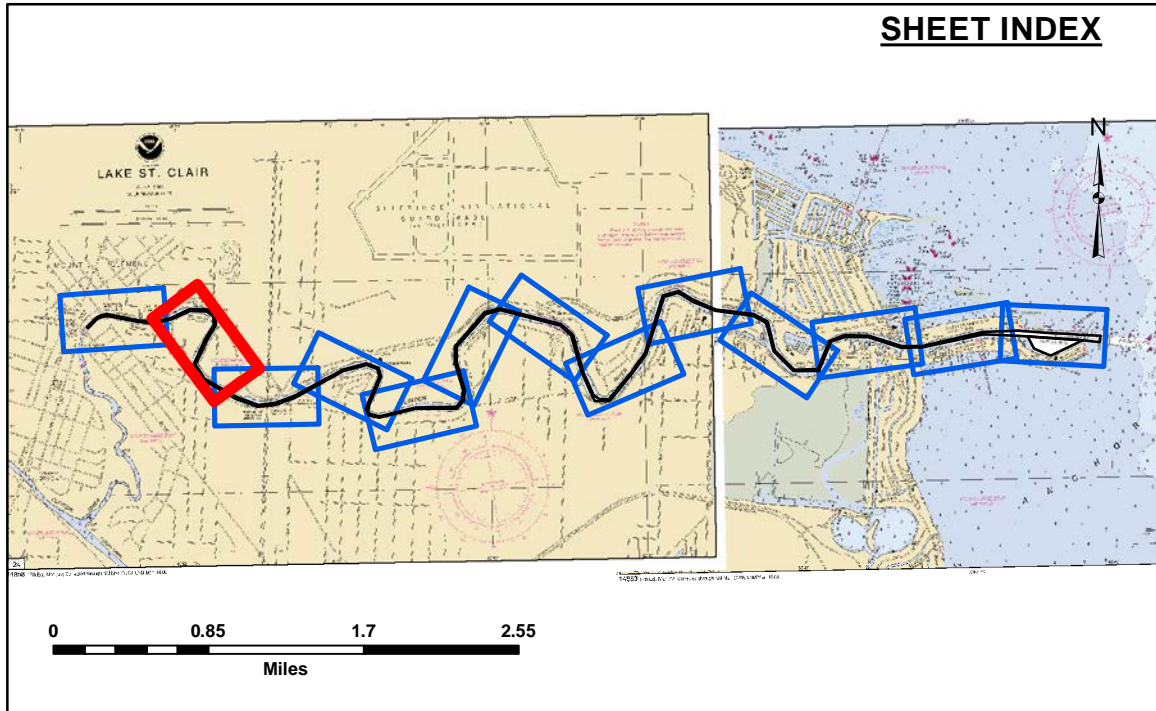
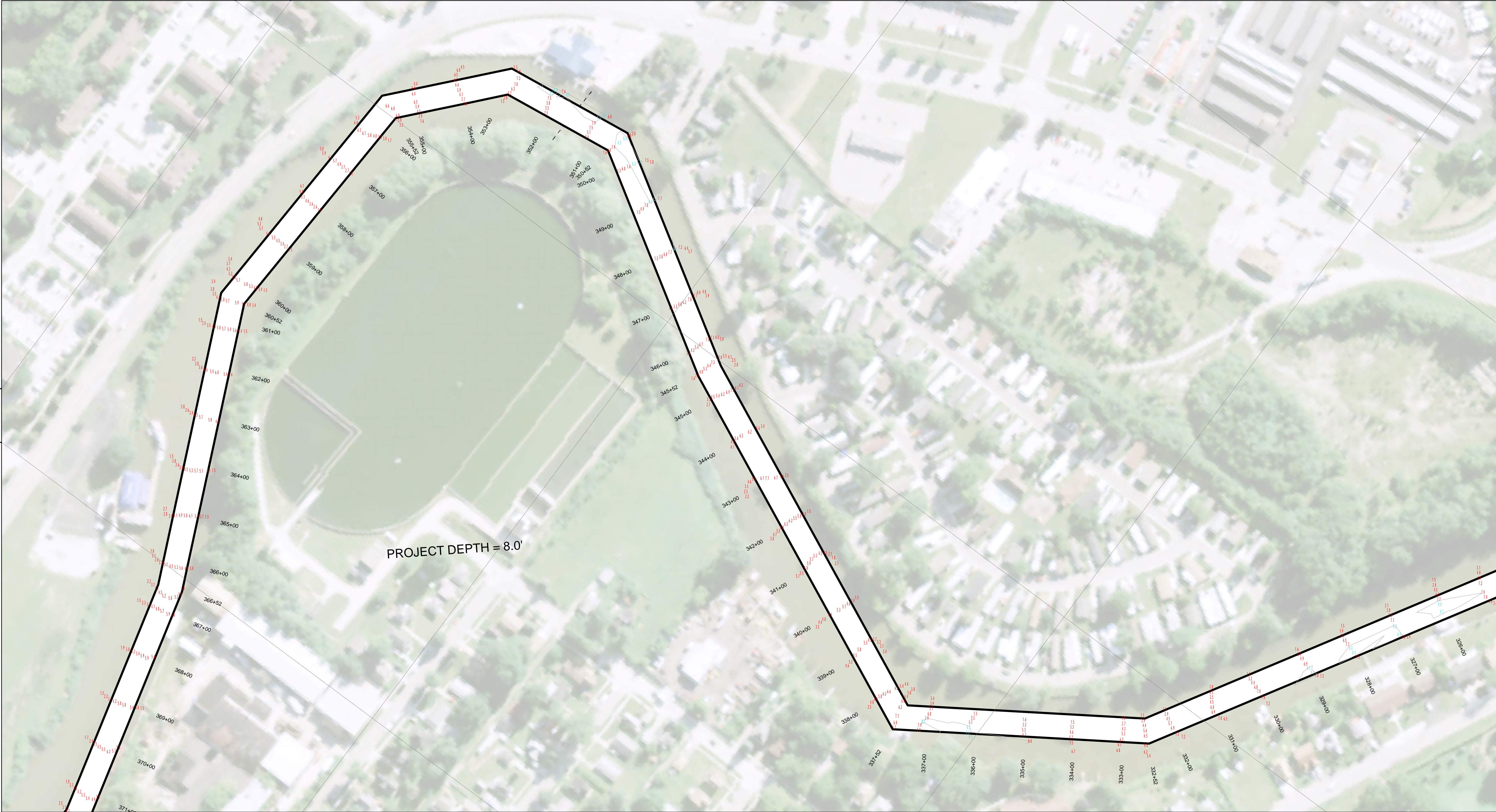
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POSITIONING: APPLINK POS-M4; MARINE GPS
MOTION COMPENSATION: APPLINK POS-MV4
SONAR: ODOM CV-300
SOFTWARE: HYPACK 2018

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L.W.D. = 972.3

IMAGERY SOURCED FROM: 2014 MICHIGAN NAIP IMAGERY



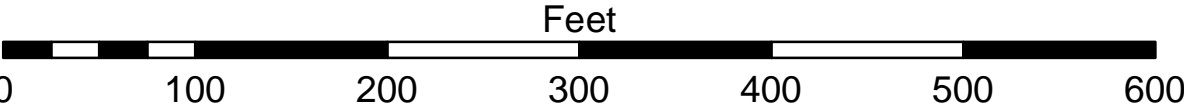


- LEGEND**
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1 inch = 100 feet



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VERTICAL: INTERNATIONAL GREAT LAKES DATUM (IGLD) OF 1985.

THE ABOVE SURVEY WAS CONDUCTED USING THE U.S.A.C.E. SURVEY LAUNCH #3063 EMPLOYING THE FOLLOWING COMPONENTS:
POSITIONING: APPLANIX POS-MV4, MARINESTAR GNSS
MOTION COMPENSATION: APPLANIX POS-MV4
SONAR: ODOM CV-300
SOFTWARE: HYPACK 2018

TIDE GAGE USED WERE REFERENCED FROM A GAGE BOARD SET ON PILING NEAR THE MOUTH OF THE CLINTON RIVER ON THE EAST SIDE OF THE DNR DOCK, IN FRONT OF THE DNR FISHERIES BUILDING.
L.W.D. = 572.3

IMAGERY SOURCED FROM: 2014 MICHIGAN NAIP IMAGERY



DISCLAIMER: The data represents the results of data collection operations for a specific US Army Corps of Engineers activity and indicates the general existing conditions. The data is not intended to be used for any purpose other than the intended purpose. The user is responsible for the results of any 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 the intended purpose. The data are not to be used for any purpose other than the intended purpose. The data are not to be used for any purpose other than the intended purpose.

U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT		
Submitted:	Surveyed By:	
Recommended:	Plotted By:	
Approved:	Chief, Survey Section	
	Chief, Technical Services	

Clinton River, MI
Clinton River
CL_01_INT_20230329_CS
29 March 2023

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