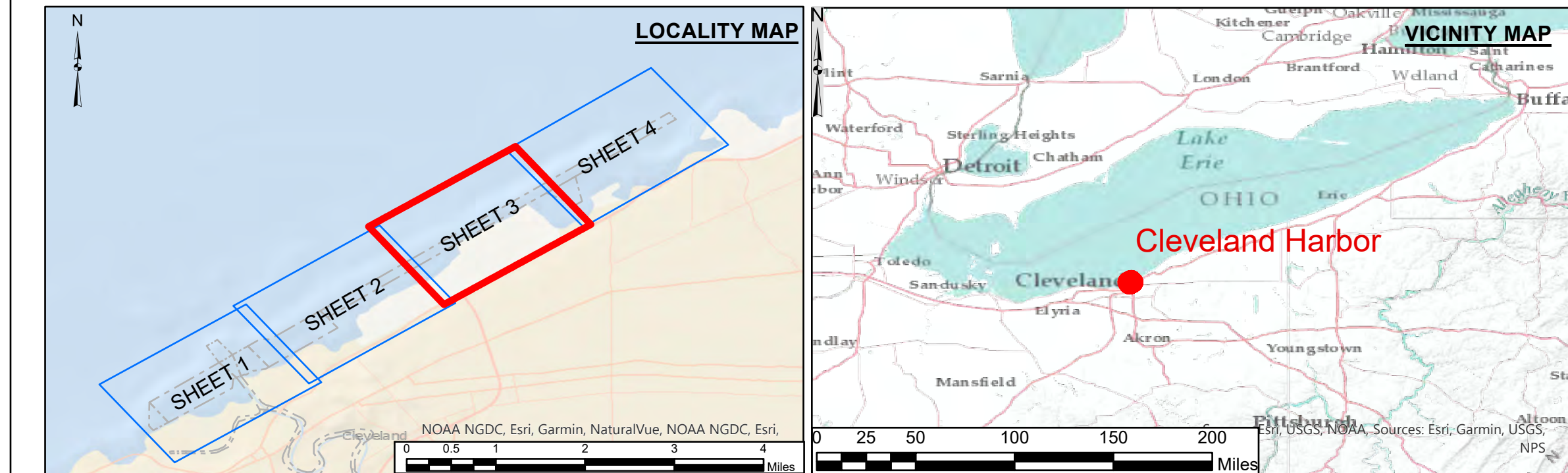
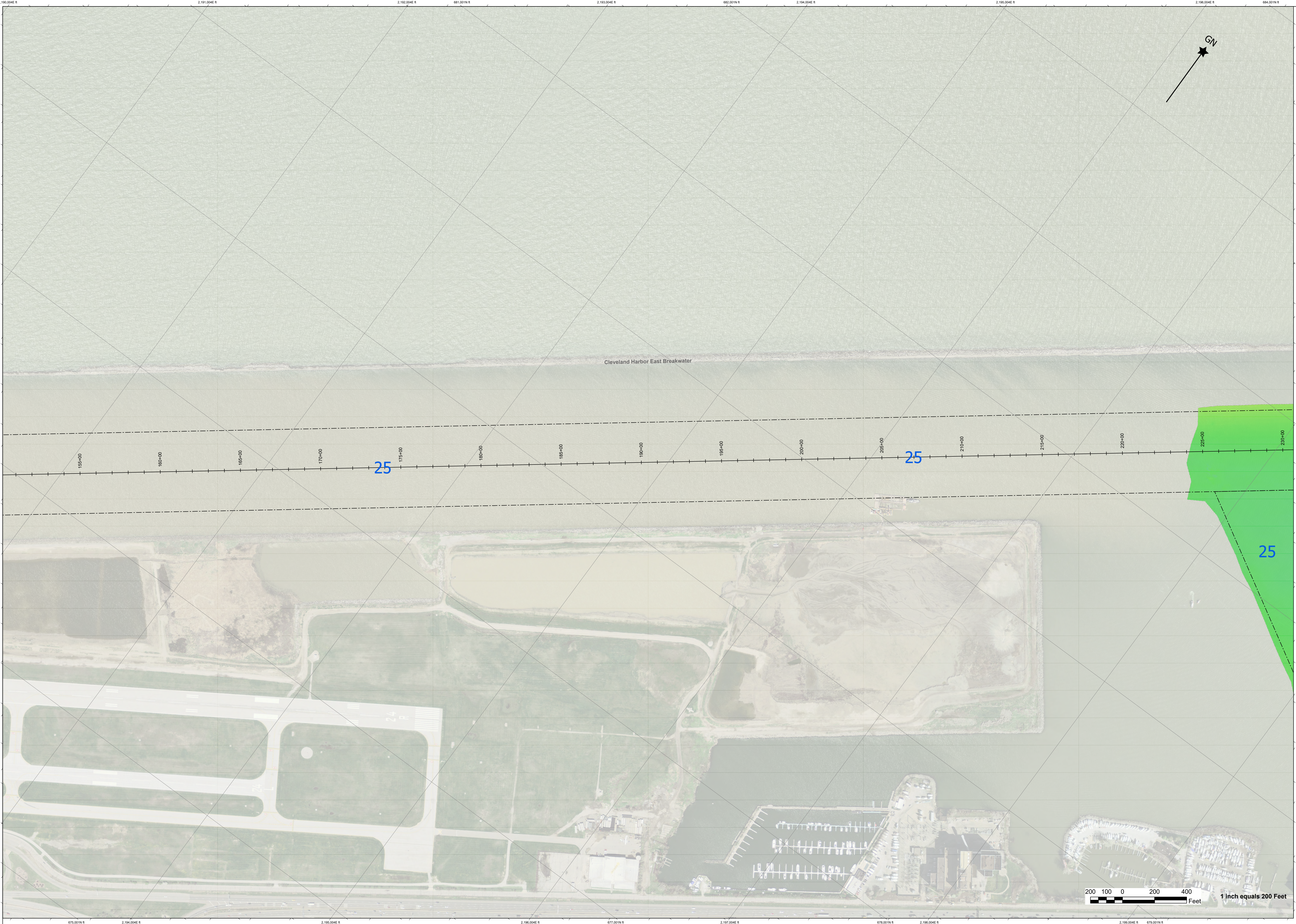
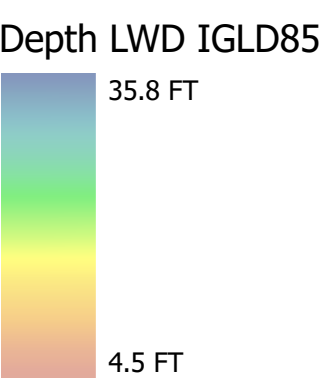




LEGEND

CHEERS DEM APRIL 20 2026



ABBREVIATIONS

W	LIGHT COLOR WHITE
R	LIGHT COLOR RED
G	LIGHT COLOR GREEN
FL	FLASHING LIGHT
F	FIXED LIGHT
OC	OCCULATING LIGHT
ISO	EQUAL INTERVAL
AL	ALTERNATING
Q	QUICK (FLASHING)
S	LIGHT CYCLE SECONDS

SITE SPECIFIC NOTES:

1. PROJECT DEPTH AND SOUNDINGS ARE REFERRED TO LOW WATER DATA OF 569.2 IGLD 1985
2. HORIZONTAL CONTROL IS REFERRED TO NORTH AMERICAN DATUM 1983/2011 OHIO STATE PLANE COORDINATE SYSTEM - NORTH ZONE
3. PROJECT DEPTH IS AS SHOWN BELOW LOW WATER DATUM
4. THE SOUNDING INFORMATION DEPICTED ON THE MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATE INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITION AT THAT TIME.
5. AERIAL IMAGERY DATA
6. BACKGROUND IMAGERY DATA SOURCE: OHIO GEOGRAPHICALLY REFERENCED INFORMATION PROGRAM
7. THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE STANDARDS OUTLINED IN THE CORPS OF ENGINEERS HYDROGRAPHIC SURVEY MANUAL, EM 1110-2-1003.
8. SOUNDINGS SHOWN REPRESENT THE SHOALEST SOUNDING FROM A 50X20 HYPAACK MATRIX

SURVEY TYPE: CONDITION SURVEY
SURVEY DATE: APR 14 2026

<https://navigation.usace.army.mil/Survey/Hydro> This chart was produced to comply with USACE Daily Tasking Order 16-02-22.

SOUNDINGS WERE TAKEN BY THE BUFFALO DISTRICT ARMY CORPS OF ENGINEERS BY D. HENNEBERGER AND PARTY
USING: GPS POSITIONING: GPS BASE STATION WITH RTK TIDES
SONAR HEAD: 200 KHZ, R2 SONIC MULTIBEAM 1.0 DEGREE BEAMS 150 DEGREE ARC
HEAVE PITCH AND ROLL: APPLANIX POS-MV VER. 5
VELOCITY PROFILER: SONTEK CASTAWAY CTD
HYPACK SURVEY SOFTWARE
SURVEY VESSEL: MONSON



**US Army Corps
of Engineers®**
District: CELRB

USER NAME: H5TDOJDF
DATE: 4/24/2026

REVISION HISTORY

DISCLOSURE POLICY: The United States Government has access to all information processing for its reports. USG may review your company's employee activity and indicates the general routing conditions. Employees are required to provide specific information regarding their activities and the nature of the information they process. The user is responsible for the results of any use of the application of the data for other than its intended purpose.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
BUFFALO, NEW YORK 14207-3199

CLEVELAND HARBOR, OHIO

Sheet
Number

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