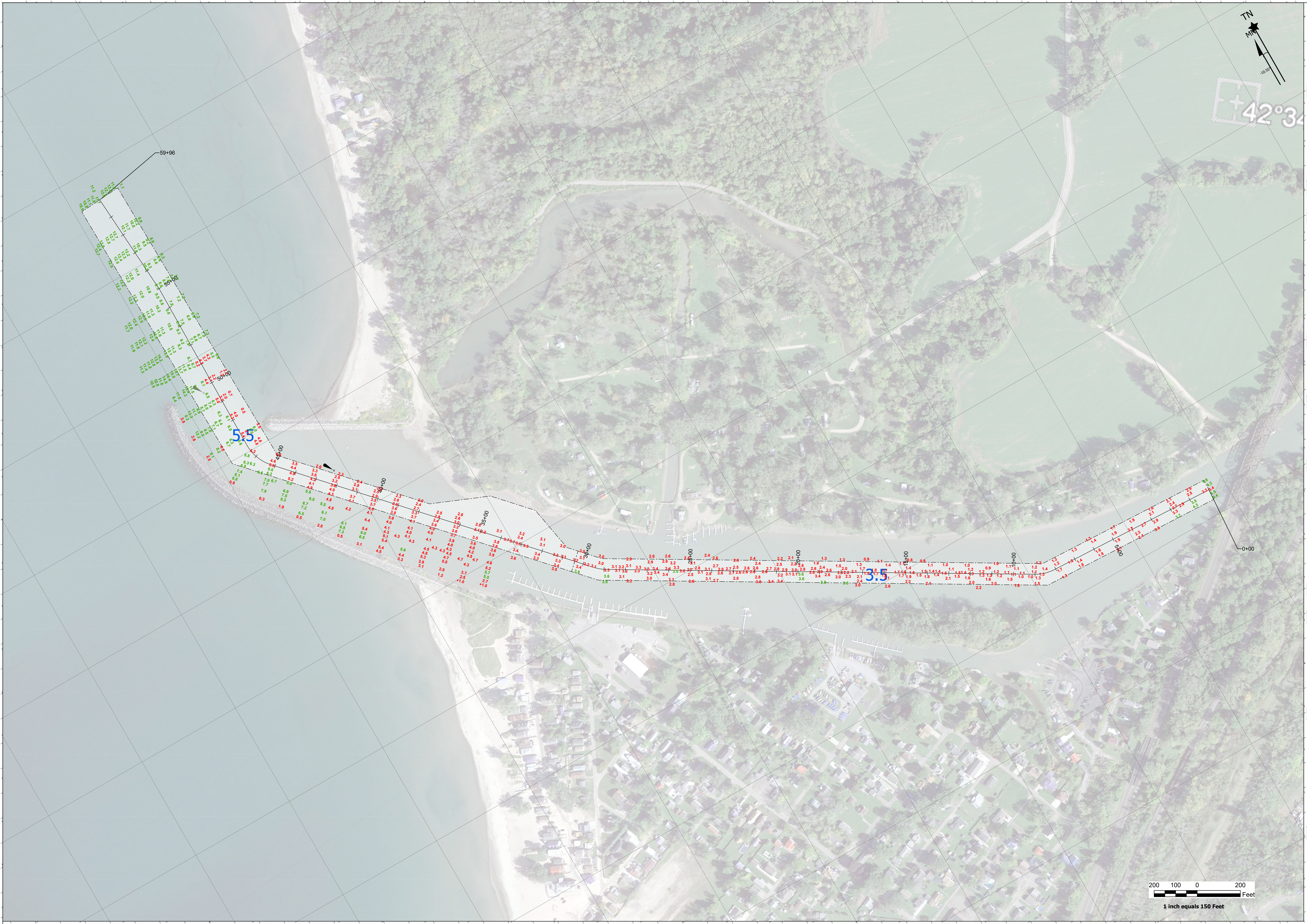

200 100 0 200 Feet

1 inch equals 150 Feet

US Army Corps of Engineers®
District: CELRB

USER NAME: H5TDOJDP

DATE: 5/19/2026

REVISION HISTORY

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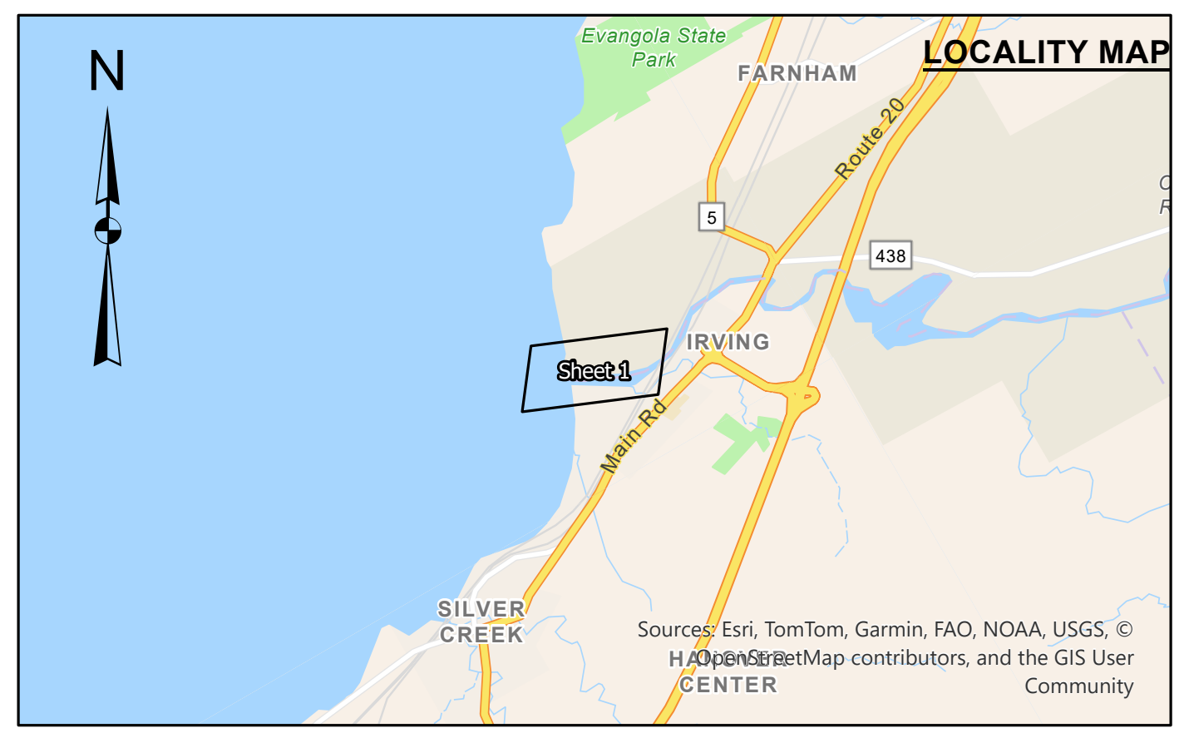
Drawn by: JDP
Checked by:
Reviewed by:
Approved:
Date:

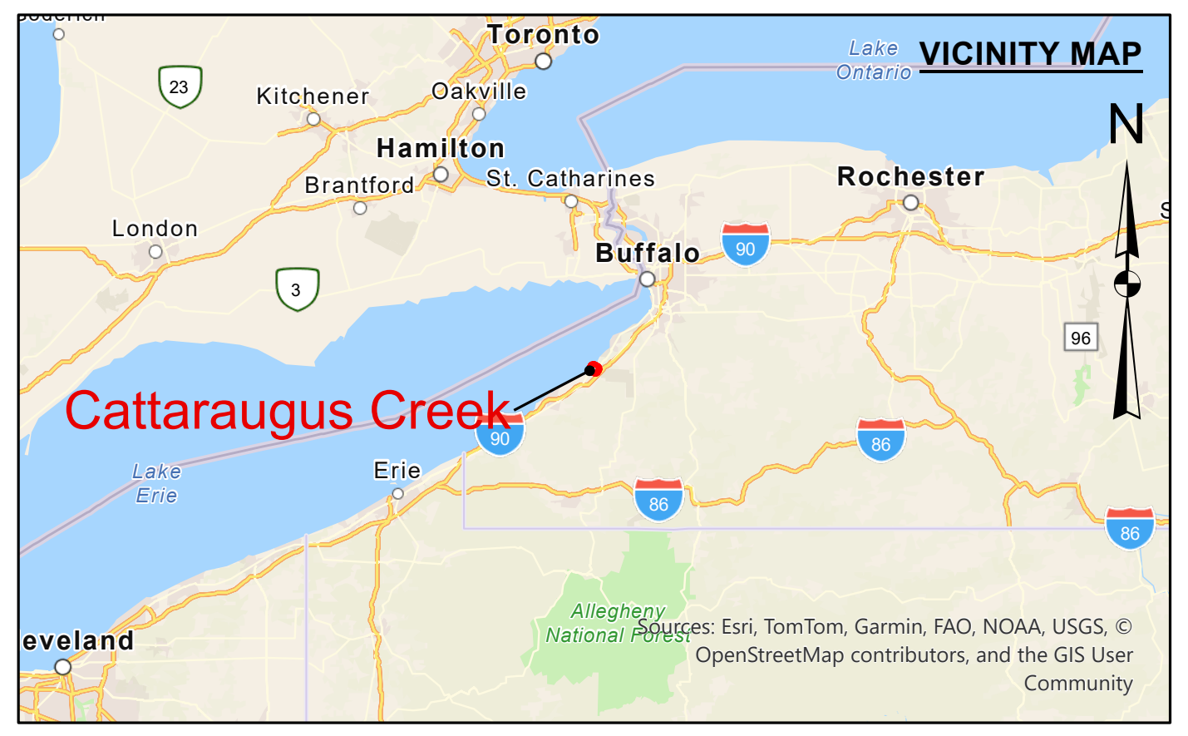
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
BUFFALO, NEW YORK 14207-3199

CATTARAUGUS CREEK, NEW YORK

Sheet
Number
1 of 1



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community



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LEGEND

----	FEDERAL NAVIGATION CHANNEL	⊙	CHANNEL CORNER POINTS
....	CABLE SUBMARINE	♦	RED NAVIGATION BUOY
- - -	CABLE OVERHEAD	♦	GREEN NAVIGATION BUOY
▥	CABLE AREA		FIXED LIGHT
▭	PLACEMENT AREA	XX.X	DEPTHS 0.1' OR MORE ABOVE MAINTAINED DEPTH
⬚	ANCHORAGE AREA	XX.X	DEPTHS AT OR BELOW MAINTAINED DEPTH
X+XX	CHANNEL STATIONING		
XX.X	MAINTAINED DEPTH		

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 DEPTHS AND SOUNDINGS ARE REFERRED TO LOW WATER DATUM OF 569.2 IGLD 1985
2. HORIZONTAL CONTROL IS REFERRED TO NORTH AMERICAN DATUM 1983/ 2011 NEW YORK STATE PLANE COORDINATE SYSTEM - WEST 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 DATED 2023
6. BACKGROUND IMAGERY DATA SOURCE: GOOGLE EARTH
7. THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE STANDARDS OUTLINE IN CORPS OF ENGINEERS HYDROGRAPHIC SURVEY MANUAL EM 1110-2-1003.
8. SOUNDINGS SHOWN REPRESENT THE SHOALEST SOUNDING FROM A 20FT ON LINE HYPACK MATRIX

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, CEESCOPE 9 DEGREE BEAM SINGLEBEAM
VELOCITY PROFILER: SONTEK CASTAWAY CTD
HYPACK SURVEY SOFTWARE
SURVEY VESSEL: "SMOKERCRAFT"

SURVEY TYPE:CONDITION SURVEY

SURVEY DATE:APRIL 24 2026

https://navigation.usace.army.mil/Survey/Hydro

This chart was produced to comply with USACE Daily Tasking Order 16-02-22.

DOCUMENT PATH: C:\OPERATIONS\EHYDRO_5_WORKING\PRODUCTS\MXD\NY\CATTARAUGUS\LB_19_CAT_20260424_CS_ALL.APRX