

SAFETY PAYS

SOUNDING COLOR LEGEND

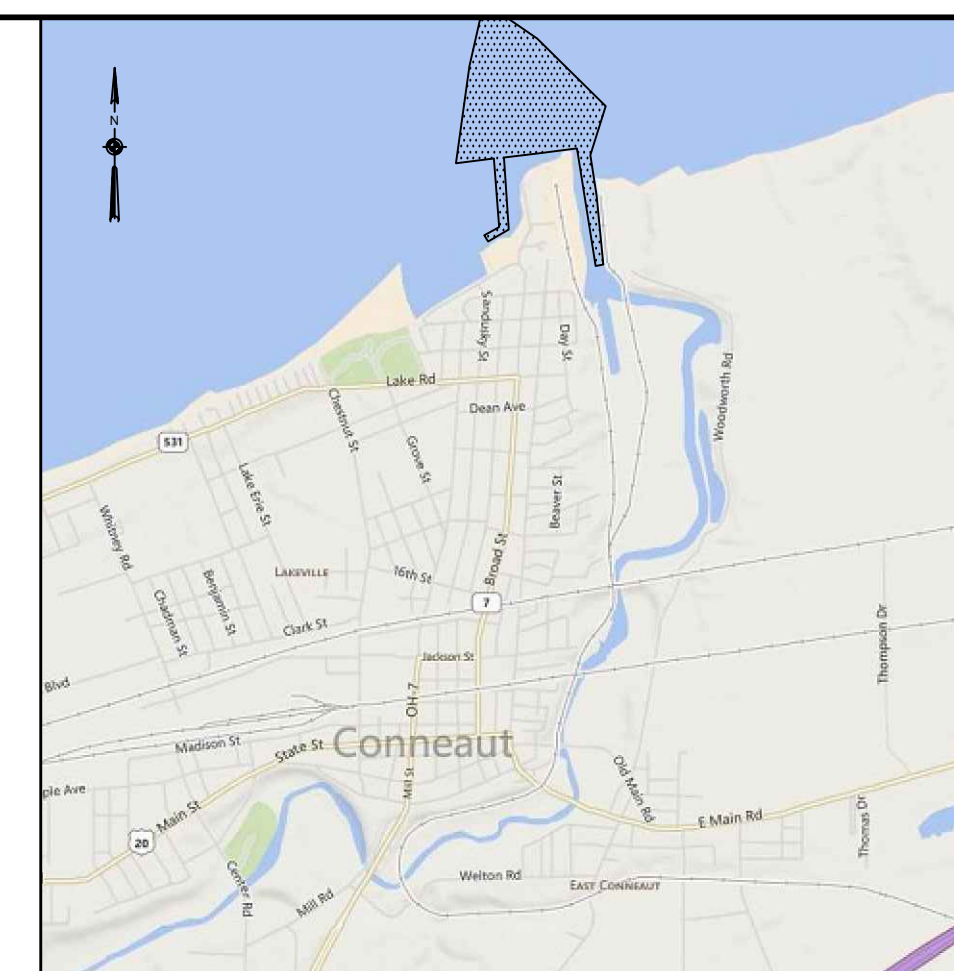
- DEPTHS 0.1' OR MORE ABOVE PROJECT DEPTH
- DEPTHS AT OR BELOW PROJECT DEPTH
- XX.X** PROJECT DEPTH

LEGEND OF SYMBOLS

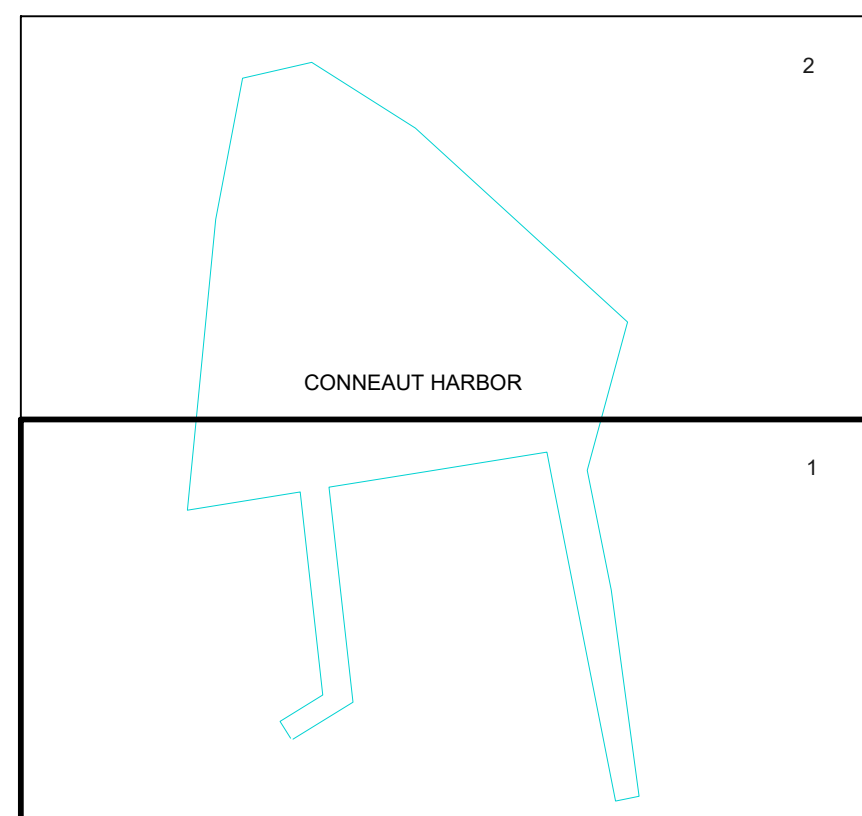
17+00	CHANNEL STATIONING
○ 417	CHANNEL CORNER
⊙ H.L.F.	HARBOR LINE CORNER
---	FEDERAL CHANNEL
---	HARBOR LINE
---	SUBMARINE CABLE
⊙	CAN BUOY
⊙	NUN BUOY
⊙	LIGHTED BUOY
⊙	FIXED LIGHT
⊙	LIGHT HOUSE
W	LIGHT COLOR WHITE
R	LIGHT COLOR RED
G	LIGHT COLOR GREEN
FL	FLASHING LIGHT
F	FIXED LIGHT
Oc	OCCULTING LIGHT
Is	EQUAL INTERVAL
AL	ALTERNATING
Q	QUICK (FLASHING)
S	LIGHT CYCLE SECONDS

SITE SPECIFIC NOTES:

- PROJECT DEPTHS AND SOUNDINGS ARE REFERRED TO LOW WATER DATUM OF 569.2 FEET IGLD 1985.
- HORIZONTAL CONTROL IS REFERRED TO NORTH AMERICAN DATUM 1983/2011 OHIO STATE PLANE COORDINATE SYSTEM-NORTH ZONE.
- PROJECT DEPTH IS AS NOTED BELOW LOW WATER DATUM.
- SOUNDINGS WERE TAKEN BY THE BUFFALO DISTRICT ARMY CORPS OF ENGINEERS BY D. BANNING AND PARTY ON 3 & 4 MAY, 2022 USING:
GPS POSITIONING, POS-MV VER. 5 WRTK TIDES
SONAR HEAD: 200 KHZ, R2 SONIC 2024 MULTIBEAM
1.0 DEGREE BEAMS 150 DEGREE ARC
HEAVE PITCH AND ROLL; APPLANIX POS-MV VER. 5
VELOCITY PROFILER; SONTEK CASTAWAY
HYPACK SURVEY SOFTWARE
SURVEY LAUNCH "WITMER"
- 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.
- THE BACKGROUND IMAGERY INFORMATION WAS OBTAINED FROM BING MAPS ON 10 MAY 2022.
- THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE STANDARDS OUTLINED IN CORPS OF ENGINEERS HYDROGRAPHIC SURVEY MANUAL EM 1110-2-1003.

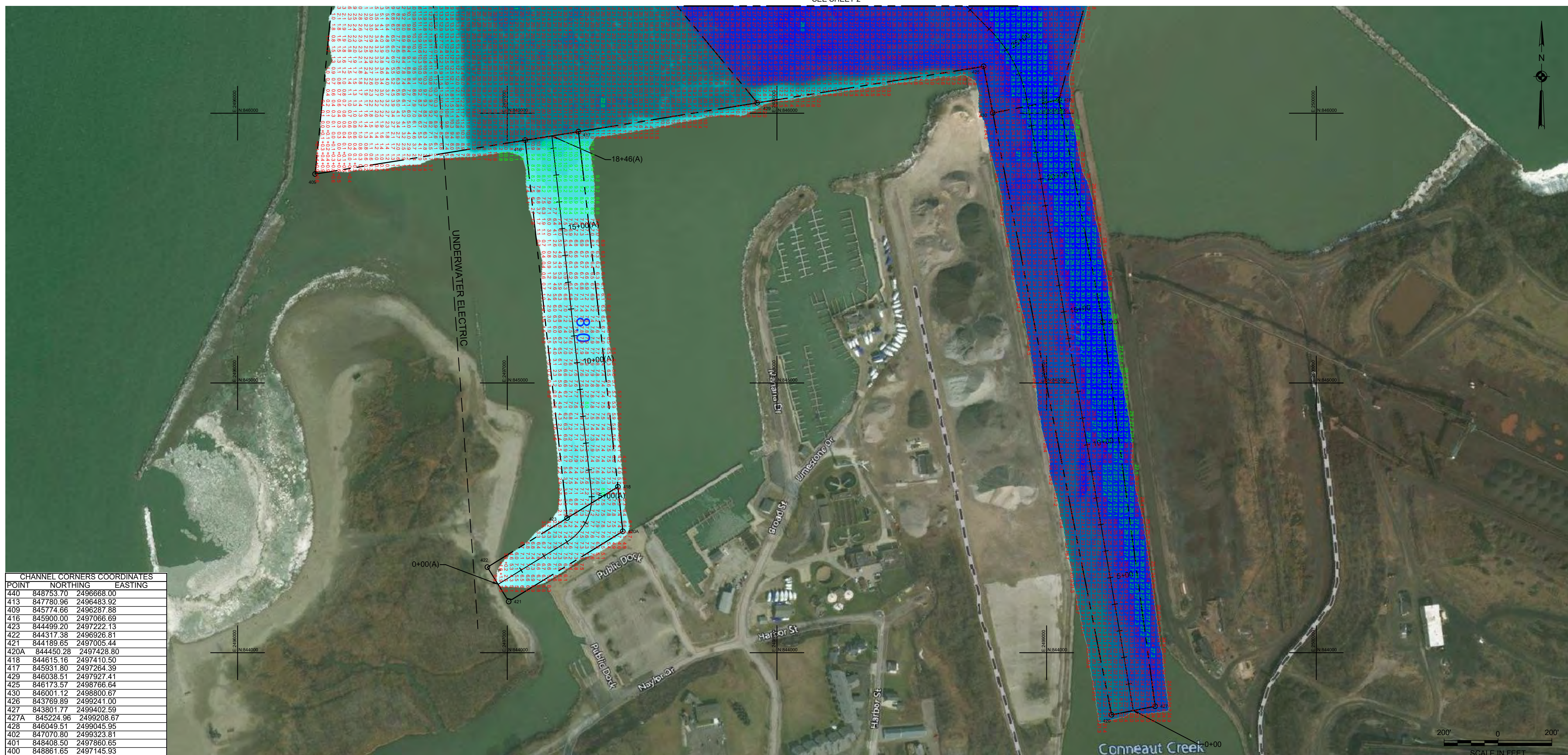


VICINITY MAP
"NOT TO SCALE"



SHEET INDEX
"NOT TO SCALE"

SEE SHEET 2



US Army Corps of Engineers Buffalo District

DATE	REVISION

Drawn by: ACK
Checked by: KPL
Reviewed by: Roman H. Figler III PLS
Chief, Survey Section
Approved by: Adam W. Hamm
Chief, NYPA Navigation and Maintenance Section

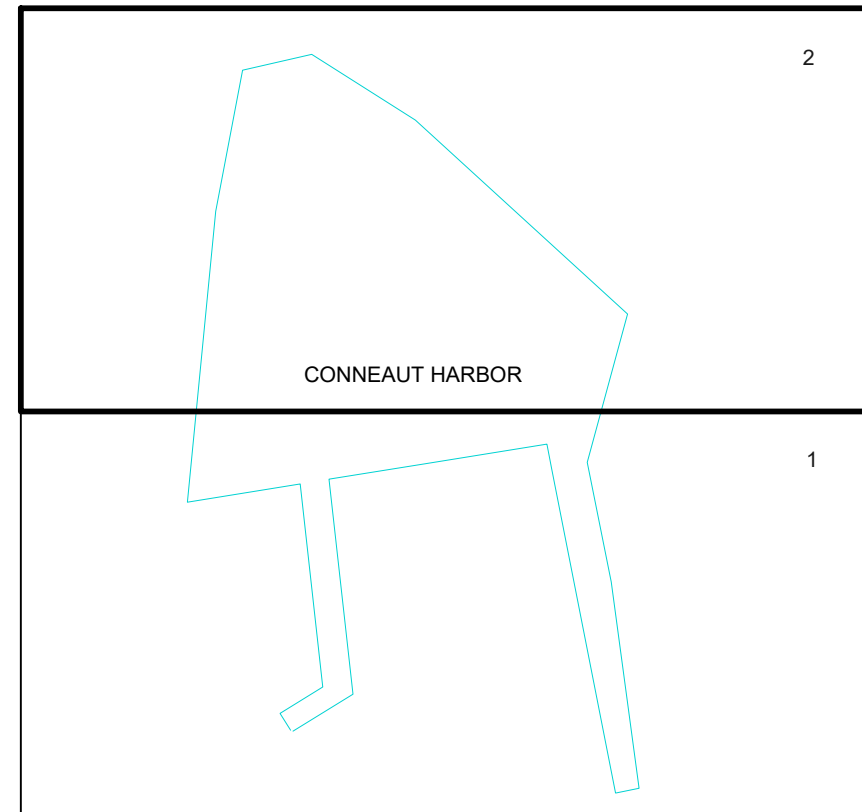
U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
BUFFALO, NEW YORK 14207-3199

CONNEAUT HARBOR, OH
PROJECT CONDITIONS SOUNDINGS 2022
SCALE: 1"=200'

Sheet reference number
VH-101
Sheet 1 of 2

SUPPORT VALUE ENGINEERING - IT PAYS

SAFETY PAYS



SHEET INDEX
"NOT TO SCALE"

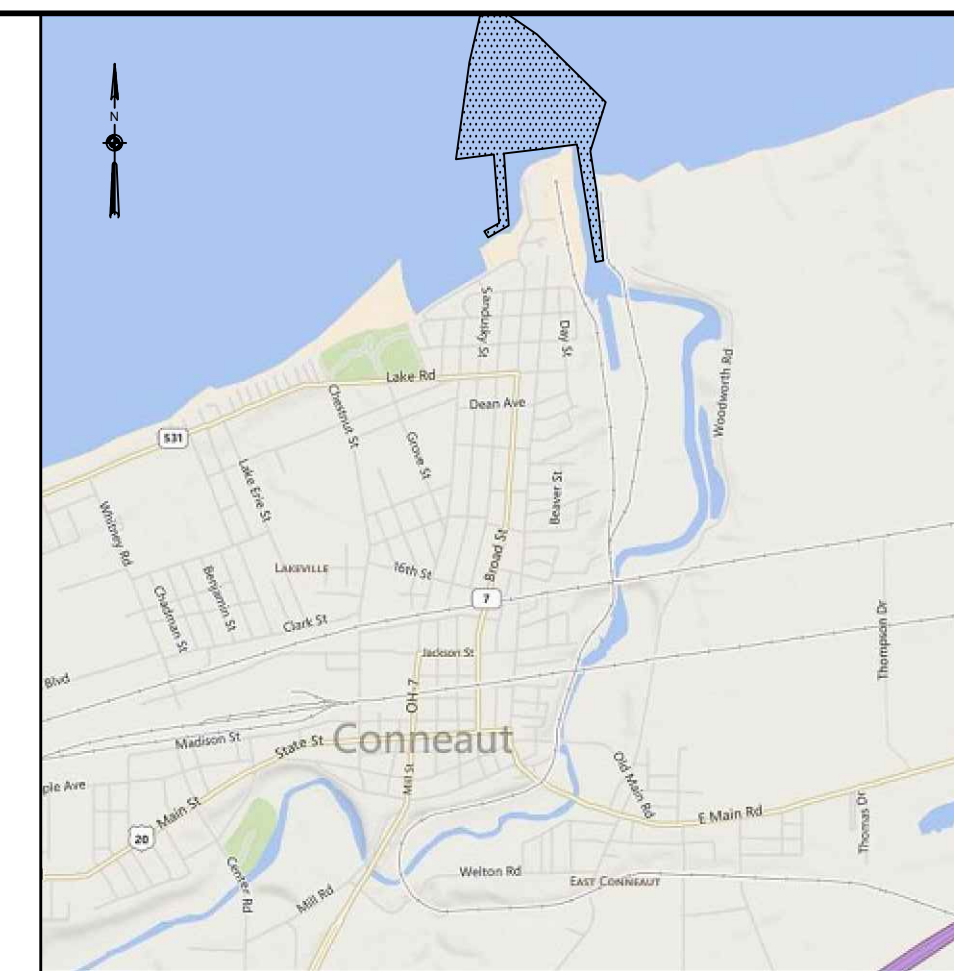
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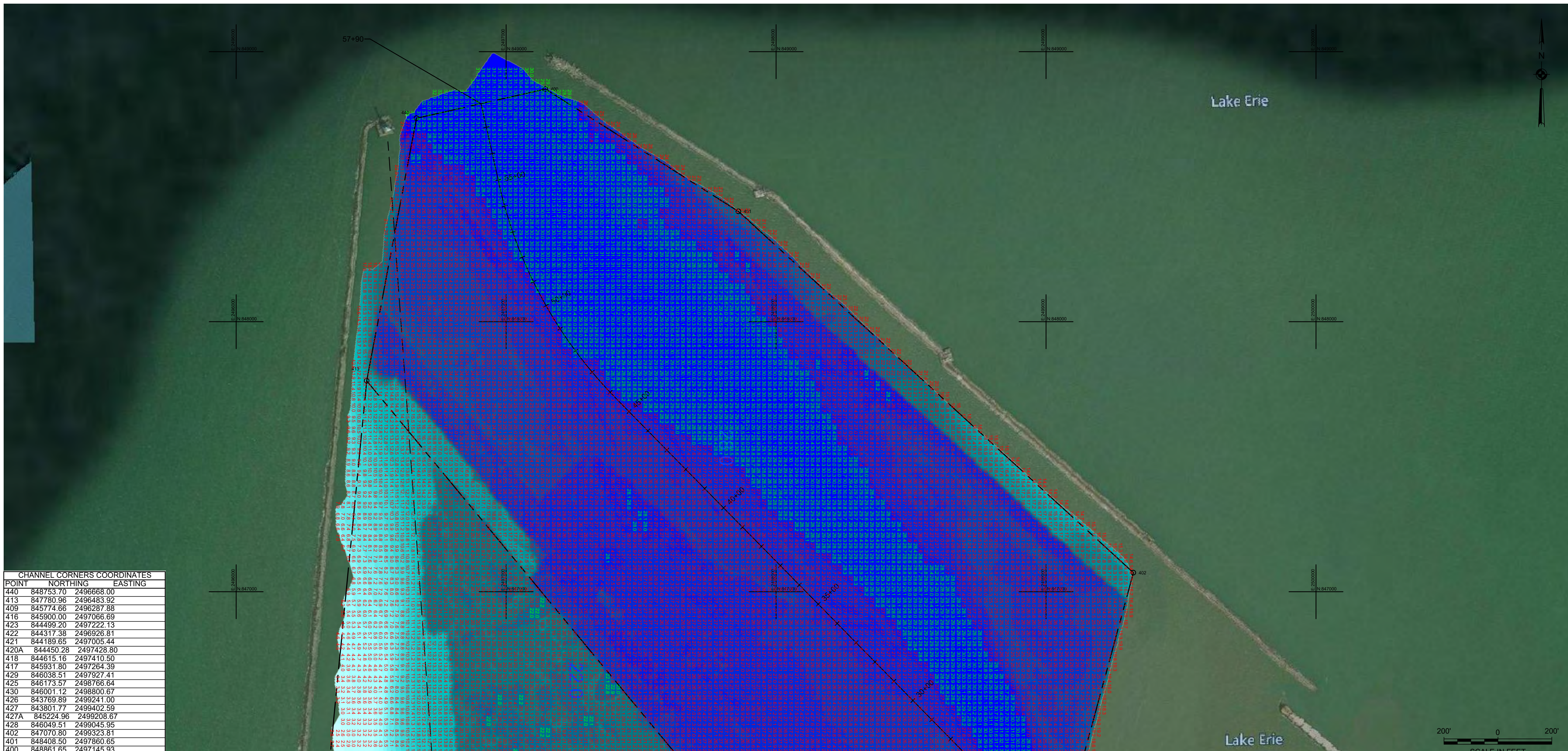
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VICINITY MAP
"NOT TO SCALE"



CHANNEL CORNERS COORDINATES		
POINT	NORTHING	EASTING
440	848753.70	2496668.00
413	847780.96	2496483.92
409	845774.66	2496287.88
416	845900.00	2497066.69
423	844499.20	2497222.13
422	844317.38	2496926.81
421	844189.65	2497005.44
420A	844450.28	2497428.80
418	844615.16	2497410.50
417	845931.80	2497264.39
429	846038.51	2497927.41
425	846173.57	2498766.64
430	846001.12	2498800.67
426	843769.89	2499241.00
427	843801.77	2499402.59
427A	845224.96	2499208.67
428	846049.51	2499045.95
402	847070.80	2499323.81
401	848408.50	2497860.65
400	848861.65	2497145.93

SEE SHEET 1



US Army Corps of Engineers Buffalo District

DATE	REVISION

** COPY OF SIGNED ORIGINAL **

Drawn by: ACK
Checked by: KPL
Reviewed by: Roman H. Fogle III PLS
Chief, Survey Section
Approved by: Adam W. Hamm
Date: May 10, 2022
Chief, NYPA Navigation and Maintenance Section

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

CONNEAUT HARBOR, OH
PROJECT CONDITIONS SOUNDINGS 2022
SCALE: 1"=200'

Sheet reference number
VH-102
Sheet 2 of 2

SUPPORT VALUE ENGINEERING - IT PAYS