* * * S A F E T Y   P A Y S * * *

VICINITY MAP
"NOT TO SCALE"

SOUNDING COLOR LEGEND	
(red)	DEPTHS 0.1' OR MORE ABOVE PROJECT DEPTH
(green)	DEPTHS AT OR BELOW PROJECT DEPTH
XX.X	PROJECT DEPTH

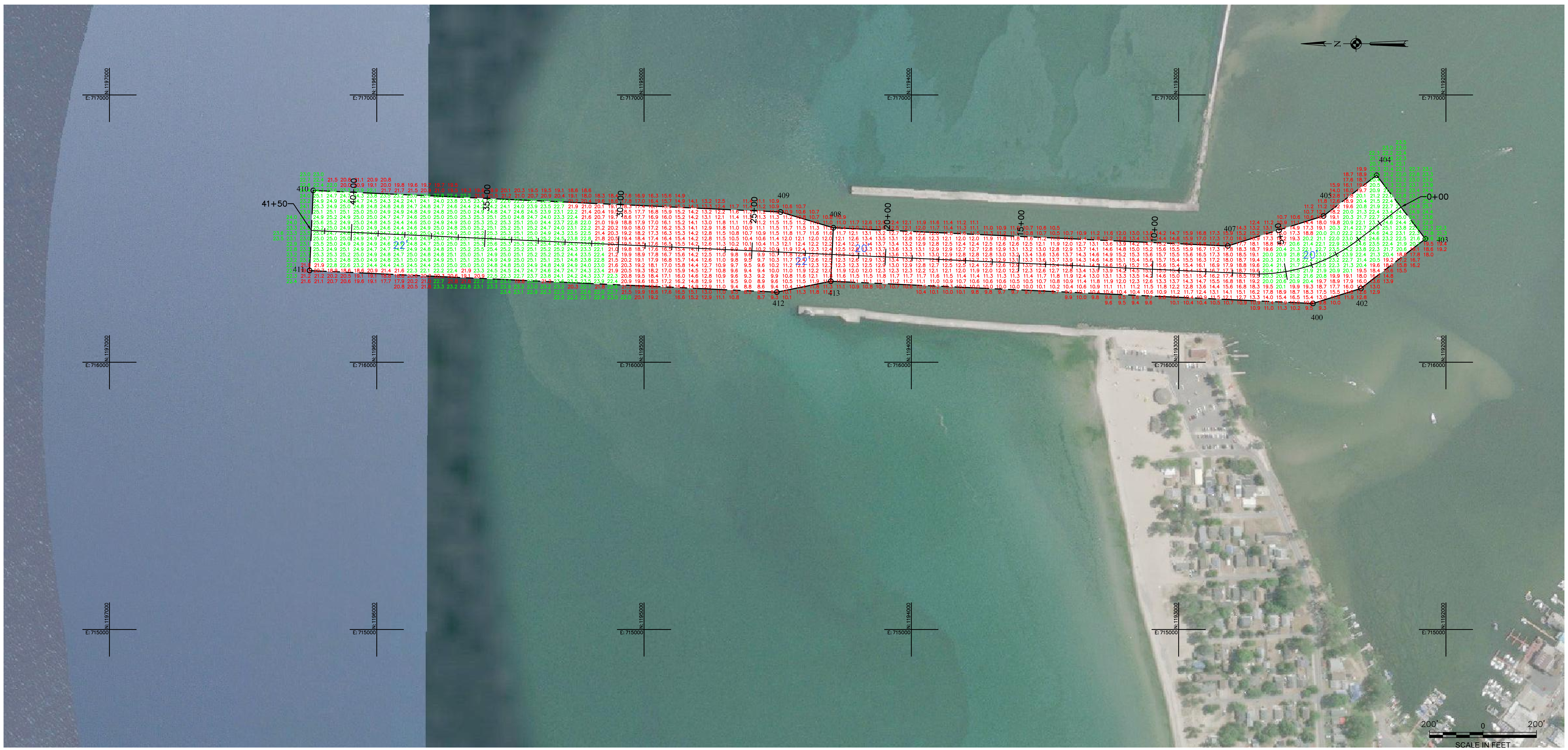
LEGEND OF SYMBOLS	
17+00 (NEW), 17+00 (OLD)	CHANNEL STATIONING
⊙ 417	CHANNEL CORNER
◎ H.L.F.	HARBOR LINE CORNER
—— — — ——	FEDERAL CHANNEL
——— ———	HARBOR LINE
—— —— —— ——	SUBMARINE CABLE
C	CAN BUOY
N	NUN BUOY
	LIGHTED BUOY
	FIXED LIGHT
	LIGHT HOUSE
W	LIGHT COLOR WHITE
R	LIGHT COLOR RED
G	LIGHT COLOR GREEN
FL	FLASHING LIGHT
F	FIXED LIGHT
Oc	OCCULTING LIGHT
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 243.3 FEET IGLD 1985.
2. HORIZONTAL CONTROL IS REFERRED TO NORTH AMERICAN DATUM 1983 (2011 ADJUSTMENT) NEW YORK STATE PLANE COORDINATE SYSTEM–CENTRAL ZONE.
3. SOUNDINGS SHOWN REPRESENT THE SHOALEST SOUNDING SORTED FROM FULL MULTIBEAM COVERAGE USING A 50'X20' HYPACK MATRIX.
4. PROJECT DEPTH IS AS NOTED BELOW LOW WATER DATUM.
5. SOUNDINGS WERE TAKEN BY THE BUFFALO DISTRICT ARMY CORPS OF ENGINEERS BY D. DELL AND PARTY ON JULY 28, 2021 USING:
   GPS POSITIONING: RTK BASE STATION W/RTK TIDES
   SONAR HEAD: 200 KHZ, R2SONIC 2024 MULTIBEAM
   1.0 DEGREE BEAMS, 150 DEGREE ARC
   HEAVE PITCH AND ROLL: APPLANIX POV–MV VER. 5
   VELOCITY PROFILER: SONTEK CASTAWAY
   HYPACK SURVEY SOFTWARE
   SURVEY LAUNCH: "MONSON"
6. 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.
7. THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE STANDARDS OUTLINED IN CORPS OF ENGINEERS HYDROGRAPHIC SURVEY MANUAL EM 1110–2–1003.

CHANNEL CORNER COORDINATES

POINT	NORTHING	EASTING
403	1192072.25	716467.86
402	1192320.74	716277.48
400	1192500.01	716221.26
413	1194303.47	716304.48
412	1194505.58	716263.73
411	1196253.74	716344.38
410	1196239.92	716644.08
409	1194491.75	716563.43
408	1194294.27	716504.26
407	1192818.68	716436.19
405	1192460.14	716548.63
404	1192254.83	716706.13



US Army Corps of Engineers Buffalo District

Original sheet size = ANSI D

** COPY OF SIGNED ORIGINAL **

Drawn by: KPL
Checked by: ACK
Reviewed by: Roman H. Figler III PLS, Chief, Survey Section
Approved by: Adam W. Hamm, Chief, NY/PA Navigation and Maintenance Section
Date: August 3, 2021

To download an electronic version of this map, point a web browser to http://www.lrb.usace.army.mil/Library/MapsandCharts.aspx

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

GREAT SODUS BAY, NY

PROJECT CONDITIONS SOUNDINGS 2021

SCALE: 1"=200'

Sheet reference number
VH–101
Sheet 1 of 1

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