



VICINITY MAP
"NOT TO SCALE"

SOUNDING COLOR LEGEND

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

LEGEND OF SYMBOLS

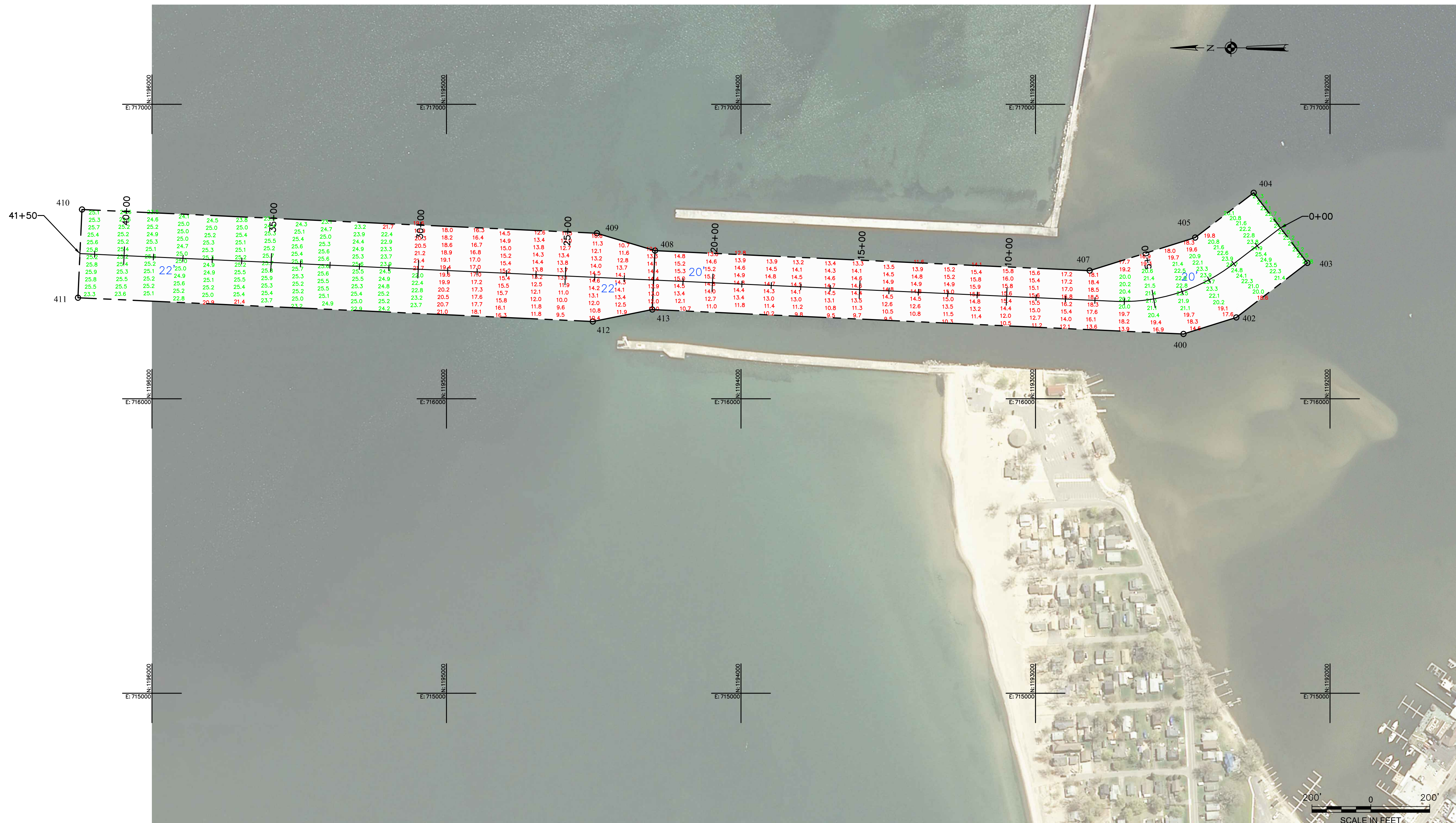
| | |
|----------|---------------------|
| 17+00 | CHANNEL STATIONING |
| ○ 417 | CHANNEL CORNER |
| ⊙ H.L.F. | HARBOR LINE CORNER |
| --- | FEDERAL CHANNEL |
| --- | HARBOR LINE |
| --- | SUBMARINE CABLE |
| ⊕ | CAN BUOY |
| ⊕ | NUN BUOY |
| ⊕ | LIGHTED BUOY |
| ⊕ | FIXED LIGHT |
| ⊕ | LIGHT HOUSE |
| W | LIGHT COLOR WHITE |
| R | LIGHT COLOR RED |
| G | LIGHT COLOR GREEN |
| FL | FLASHING LIGHT |
| F | FIXED LIGHT |
| Oc | OCCULTING LIGHT |
| Iso | 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 243.3 FEET IGLD 1985.
- HORIZONTAL CONTROL IS REFERRED TO NORTH AMERICAN DATUM 1983 NEW YORK STATE PLANE COORDINATE SYSTEM-CENTRAL ZONE.
- PROJECT DEPTH IS AS NOTED BELOW LOW WATER DATUM.
- SOUNDINGS WERE TAKEN BY THE BUFFALO DISTRICT ARMY CORPS OF ENGINEERS BY D. DELL AND PARTY ON JUNE 19, 2019 USING:
GPS POSITIONING: RTK BASE STATION W/RTK TIDES
SONAR HEAD: 200 KHZ, ODOM ECHOTRACK MKIII
3 DEGREE TRANSDUCER
VELOCITY PROFILER: SONTEK CASTAWAY CTD
HYPACK SURVEY SOFTWARE
SURVEY LAUNCH: "SMOKERCRAFT"
- 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.
- 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

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Date: June 24, 2019
Chief, NY/PA Navigation and Maintenance Section
To download an electronic version of this map, point to a web browser to <http://www.usace.army.mil/Library/MapandChart.aspx>

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

GREAT SODUS BAY, NY
PROJECT CONDITIONS SOUNDINGS 2019
SCALE: 1"=200'

Sheet reference number
VH-101
Sheet 1 of 1