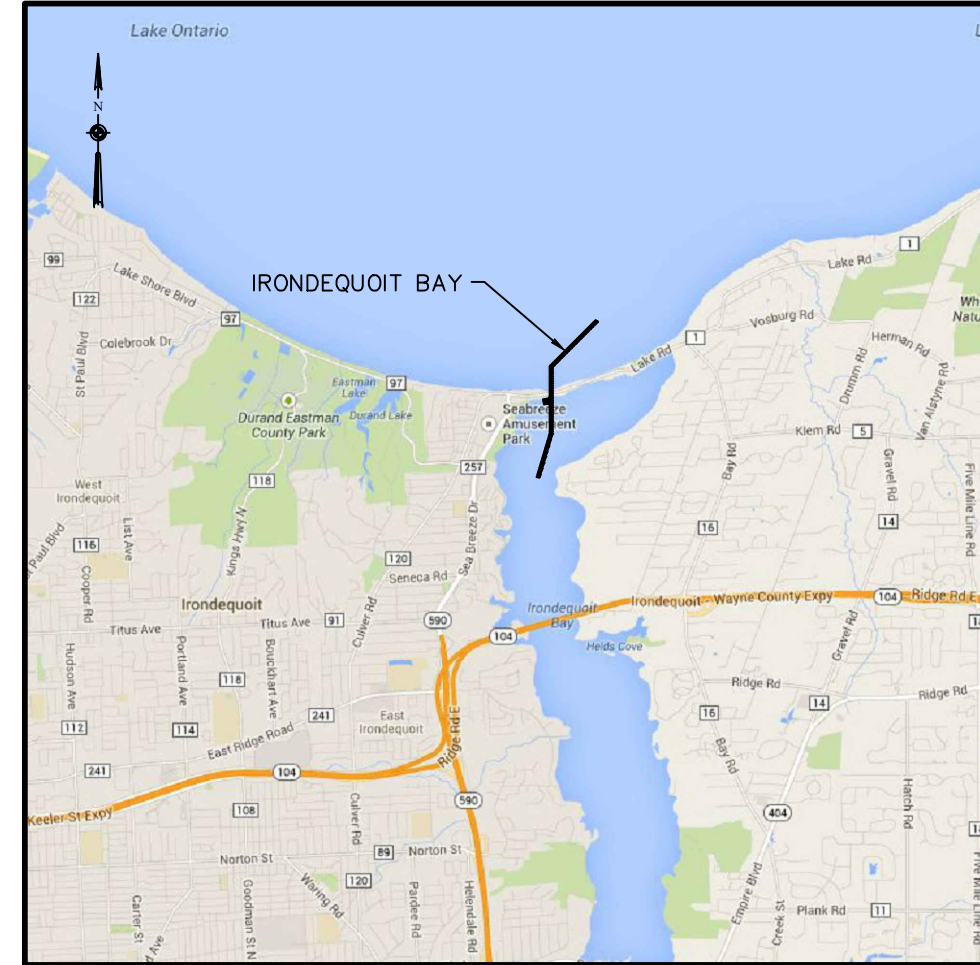


\*\*\* SAFETY PAYS \*\*\*



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 (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            |
| ♯L                       | LIGHTED BUOY        |
| ♯                        | FIXED LIGHT         |
| ♯A                       | 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 (2011 ADJUSTMENT) NEW YORK STATE PLANE COORDINATE SYSTEM-WEST 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 SEPTEMBER 7, 2021 USING:  
GPS POSITIONING: GPS BASE STATION WITH RTK TIDES  
SONAR HEAD: 200 KHZ, CEESCOPE  
3 DEGREE BEAMS  
VELOCITY PROFILE: SONTEK CASTAWAY  
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.

| POINT | NORTHING   | EASTING    |
|-------|------------|------------|
| 400   | 1182951.52 | 1429607.20 |
| 402   | 1181530.03 | 1428186.14 |
| 404   | 1181297.20 | 1427953.40 |
| 406   | 1178875.47 | 1427953.62 |
| 408   | 1177257.62 | 1427474.65 |
| 409   | 1177285.01 | 1427378.77 |
| 407   | 1178889.96 | 1427853.62 |
| 1010  | 1179928.22 | 1427853.47 |
| 1012  | 1179958.07 | 1427812.50 |
| 1014  | 1179932.16 | 1427637.40 |
| 1015  | 1180130.00 | 1427608.12 |
| 1013  | 1180159.21 | 1427805.44 |
| 1011  | 1180228.02 | 1427854.72 |
| 405   | 1181338.61 | 1427853.49 |
| 403   | 1181600.73 | 1428115.42 |
| 401   | 1183022.22 | 1429536.48 |



SCALE IN FEET  
200' 0 200'



**US Army Corps of Engineers Buffalo District**

\*\* COPY OF SIGNED ORIGINAL \*\*

Drawn by: KPL  
Checked by: ACK  
Reviewed by: Roman H. Figler III, PLS  
Chief, Survey Section  
Approved by: Adam W. Hamn  
Chief, NY/PA Navigation and Maintenance Section  
To download an electronic version of this map, print a web browser to <http://www.usace.army.mil/Library/ArsenalChart.aspx>

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

**IRONDEQUOIT BAY, NY**

**PROJECT CONDITIONS SOUNDINGS 2021**

SCALE: 1"=200'

Sheet reference number  
**VH-101**  
Sheet 1 of 1

\*\*\* SUPPORT VALUE ENGINEERING - IT PAYS \*\*\*