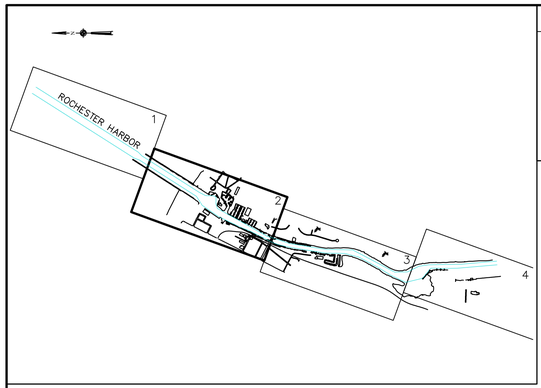


SHEET INDEX
"NOT TO SCALE"

SOUNDING COLOR LEGEND

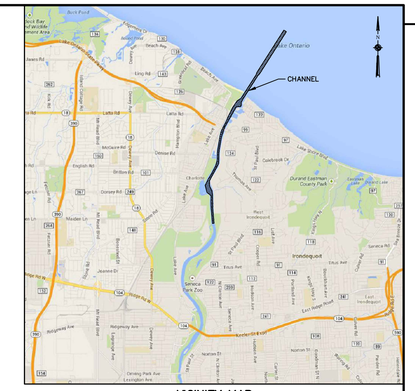
	DEPTHS 0.1' OR MORE ABOVE PROJECT DEPTH
	DEPTHS AT OR BELOW PROJECT DEPTH
18.0	PROJECT DEPTH

LEGEND OF SYMBOLS

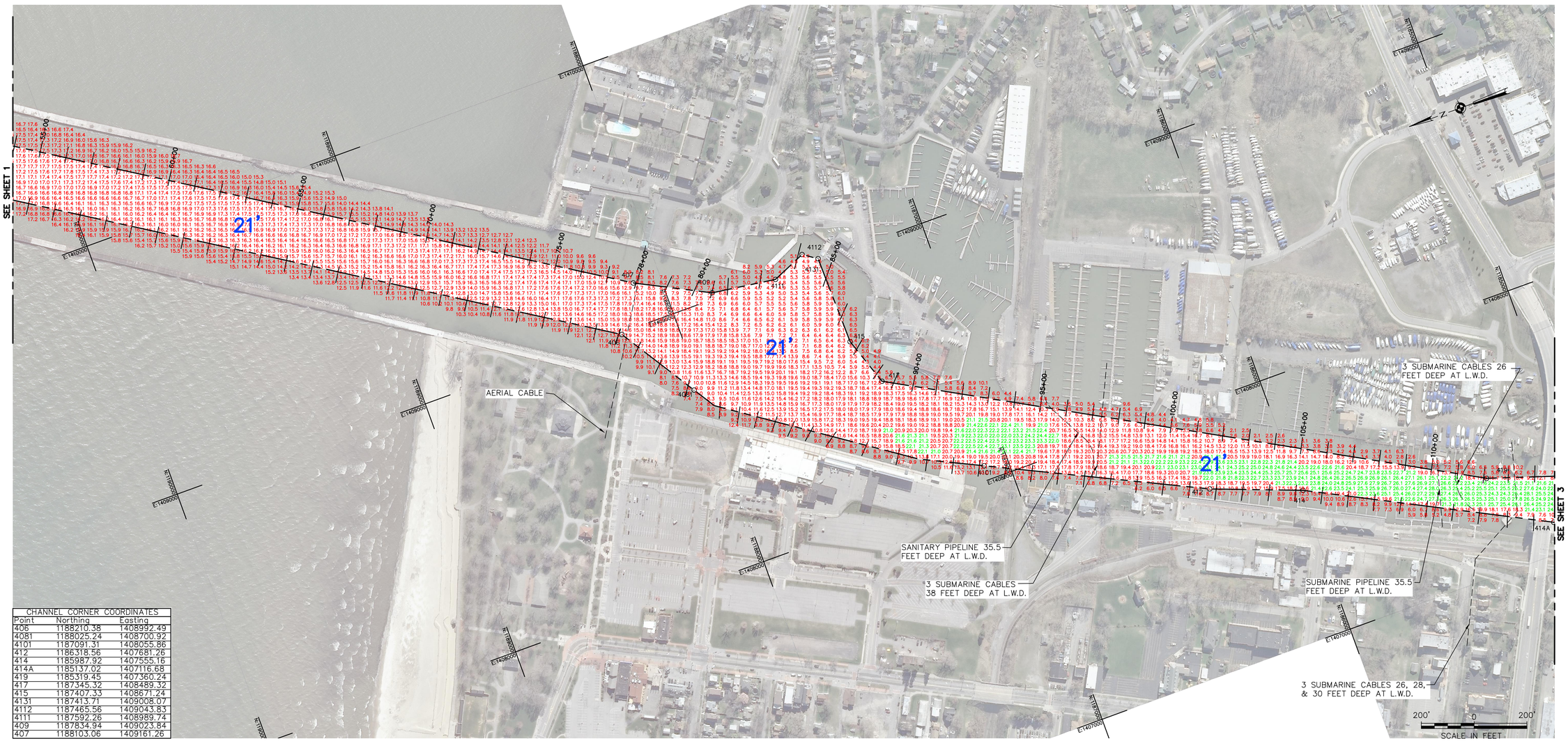
17+00	CHANNEL STATIONING
⊙ 417	CHANNEL CORNER
◎ H.L.F.	HARBOR LINE CORNER
	FEDERAL CHANNEL
	HARBOR LINE
	SUBMARINE CABLE
C	CAN BUOY
N	NUN BUOY
	LIGHTED BUOY
	FIXED LIGHT
	LIGHT HOUSE
W	LIGHT COLOR WHITE
R	LIGHT COLOR RED
G	LIGHT COLOR GREEN
FL	FLASHING LIGHT
F	FIXED LIGHT
Oc	OCCULTING LIGHT
Iso	EQUAL 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 NEW YORK STATE PLANE COORDINATE SYSTEM–WEST ZONE.
3. PROJECT DEPTH IS AS NOTED BELOW LOW WATER DATUM.
4. SOUNDINGS WERE TAKEN BY THE BUFFALO DISTRICT ARMY CORPS OF ENGINEERS BY D. DELL AND PARTY ON APRIL 14, 2014 THROUGH APRIL 16, 2014 USING:
   GPS POSITIONING, POS–MV VER.5 AND HEMISPHERE MBX–4
   BEACON USED; YOUNGSTOWN
   SONAR HEAD: 240 KHZ, SEABAT 7101 MULTIBEAM
   1.5 DEGREE BEAMS 210 DEGREE ARC
   HEAVE PITCH AND ROLL; APPLANIX POS–MV VER. 5
   VELOCITY PROFILER; SONTEK CASTAWAY
   HYPACK SURVEY SOFTWARE
   SURVEY LAUNCH "WITMER"
5. 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.
6. THE TOPOGRAPHIC INFORMATION IS BASED ON AERIAL PHOTOGRAPHY ACQUIRED FROM 1998 THROUGH 2004.
7. 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"



CHANNEL CORNER COORDINATES		
Point	Northing	Easting
406	1188210.38	1408992.49
4081	1188025.24	1408700.92
4101	1187091.31	1408055.86
412	1186318.56	1407681.26
414	1185987.92	1407555.16
414A	1185137.02	1407116.68
419	1185319.45	1407360.24
417	1187345.32	1408489.32
415	1187407.33	1408671.24
4131	1187413.71	1409008.07
4112	1187465.56	1409043.83
4111	1187592.26	1408989.74
409	1187834.94	1409023.84
407	1188103.06	1409161.26

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:	
Edward F. Gawarecki	
Chief, NY/PA Navigation and Maintenance Section	

Date: April 23, 2014

Original sheet size = ANSI D

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

ROCHESTER HARBOR, NY

PROJECT CONDITIONS SOUNDINGS 2014

SCALE: 1"=200'

Sheet reference number
VH–102

Sheet 2 of 4

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

S:\NY-Rochester Harbor\Channel Maintenance\Drawing Files (Cad)\2014\Rochester 2014 PCS.dwg