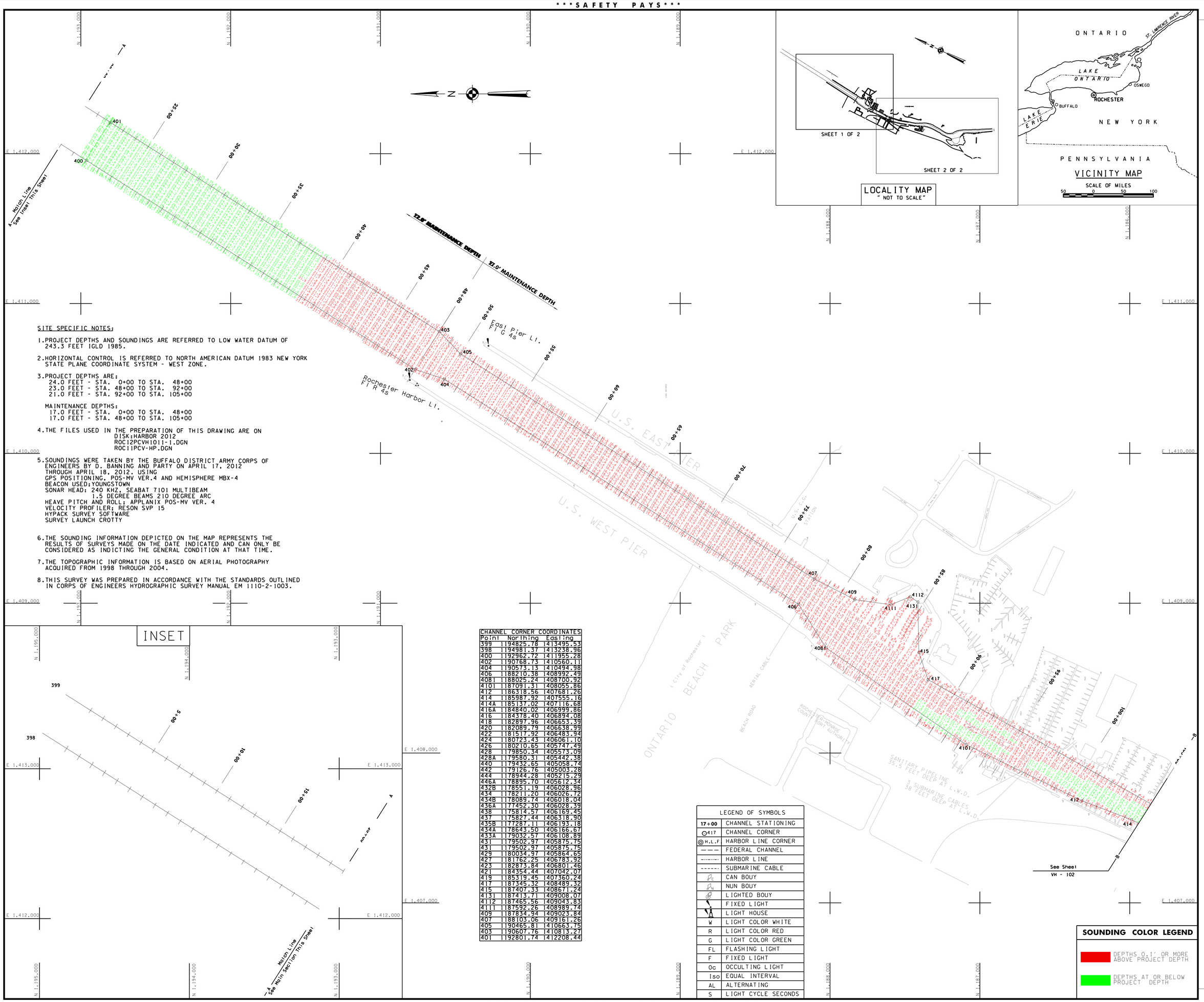

SITE SPECIFIC NOTES;

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 DEPTHS ARE;
   24.0 FEET - STA. 0+00 TO STA. 48+00
   23.0 FEET - STA. 48+00 TO STA. 92+00
   21.0 FEET - STA. 92+00 TO STA. 105+00

   MAINTENANCE DEPTHS:
   17.0 FEET - STA. 0+00 TO STA. 48+00
   17.0 FEET - STA. 48+00 TO STA. 105+00

4. THE FILES USED IN THE PREPARATION OF THIS DRAWING ARE ON
   DISK:HARBOR 2012
   ROC12PCVH1011-1.DGN
   ROC11PCV-HP.DGN

5. SOUNDINGS WERE TAKEN BY THE BUFFALO DISTRICT ARMY CORPS OF ENGINEERS BY D. BANNING AND PARTY ON APRIL 17, 2012 THROUGH APRIL 18, 2012, USING
   GPS POSITIONING, POS-MV VER.4 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. 4
   VELOCITY PROFILER: RESON SVP 15
   HYPACK SURVEY SOFTWARE
   SURVEY LAUNCH CROTTY

6. THE SOUNDING INFORMATION DEPICTED ON THE MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATE INDICATED AND CAN ONLY BE CONSIDERED AS INDICTING THE GENERAL CONDITION AT THAT TIME.

7. THE TOPOGRAPHIC INFORMATION IS BASED ON AERIAL PHOTOGRAPHY ACQUIRED FROM 1998 THROUGH 2004.

8. 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
399	1194825.78	1413495.53
398	1194981.37	1413238.96
400	1192962.72	1411955.28
402	1190768.73	1410560.11
404	1190573.13	1410494.98
406	1188210.38	1408992.49
408	1188025.24	1408700.92
410	1187091.31	1408055.86
412	1186318.56	1407681.26
414	1185987.92	1407555.16
414A	1185137.02	1407116.68
416A	1184840.02	1406999.86
416	1184378.40	1406894.08
418	1182897.96	1406653.39
420	1182089.79	1406638.99
422	1181517.92	1406483.94
424	1180723.43	1406061.10
426	1180210.65	1405747.49
428	1179850.34	1405573.09
428A	1179580.31	1405442.38
440	1179432.65	1405058.74
442	1179126.76	1405003.28
444	1178944.28	1405215.29
446A	1178895.70	1405612.34
432B	1178551.19	1406028.96
434	1178211.20	1406026.72
434B	1178089.74	1406018.04
436A	1177452.30	1406028.39
438	1175814.57	1406169.45
437	1175827.44	1406318.90
435B	1177287.11	1406193.18
434A	1178643.50	1406166.67
433A	1179032.57	1406108.89
431	1179502.97	1405875.75
431	1179502.97	1405875.75
429	1180034.97	1405864.65
427	1181762.25	1406783.92
423	1182873.84	1406801.46
421	1184354.44	1407042.07
419	1185319.45	1407360.24
417	1187345.32	1408489.32
415	1187407.33	1408671.24
413	1187413.71	1409008.07
412	1187465.56	1409043.83
411	1187592.26	1408989.74
409	1187834.94	1409023.84
407	1188103.06	1409161.26
405	1190465.81	1410663.75
403	1190607.76	1410813.27
401	1192801.74	1412208.44

LEGEND OF SYMBOLS

17+00	CHANNEL STATIONING
417	CHANNEL CORNER
H.L.F	HARBOR LINE CORNER
	FEDERAL CHANNEL
	HARBOR LINE
	SUBMARINE CABLE
C	CAN BOUY
N	NUN BOUY
	LIGHTED BOUY
	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
S	LIGHT CYCLE SECONDS

SOUNDING COLOR LEGEND

DEPTHS 0.1' OR MORE ABOVE PROJECT DEPTH

DEPTHS AT OR BELOW PROJECT DEPTH

US Army Corps of Engineers
Buffalo District

Drawn by: PAN
Checked by: ACK
Reviewed by: Ronald H. Figler III PLS
Chief, Survey Section
Approved: Raymond N. Lewis
Chief, NY/PA Navigation and Maintenance Section
Dates: April 24, 2012

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

ROCHESTER HARBOR, N.Y.

PROJECT CONDITION SOUNDINGS 2012

SCALE: 1" = 200'

SCALE OF FEET
50 0 100 200

Sheet reference number:
VH - 101

Sheet 1 of 2

12S-ROC-2/1

This drawing was prepared using a CADD system. Scaling may be distorted.

To view a color version of this map, point a web browser to http://www.lrb.usace.army.mil/WNYBAfter/MaterMgmt/survey/survey.html