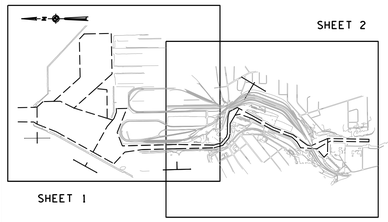
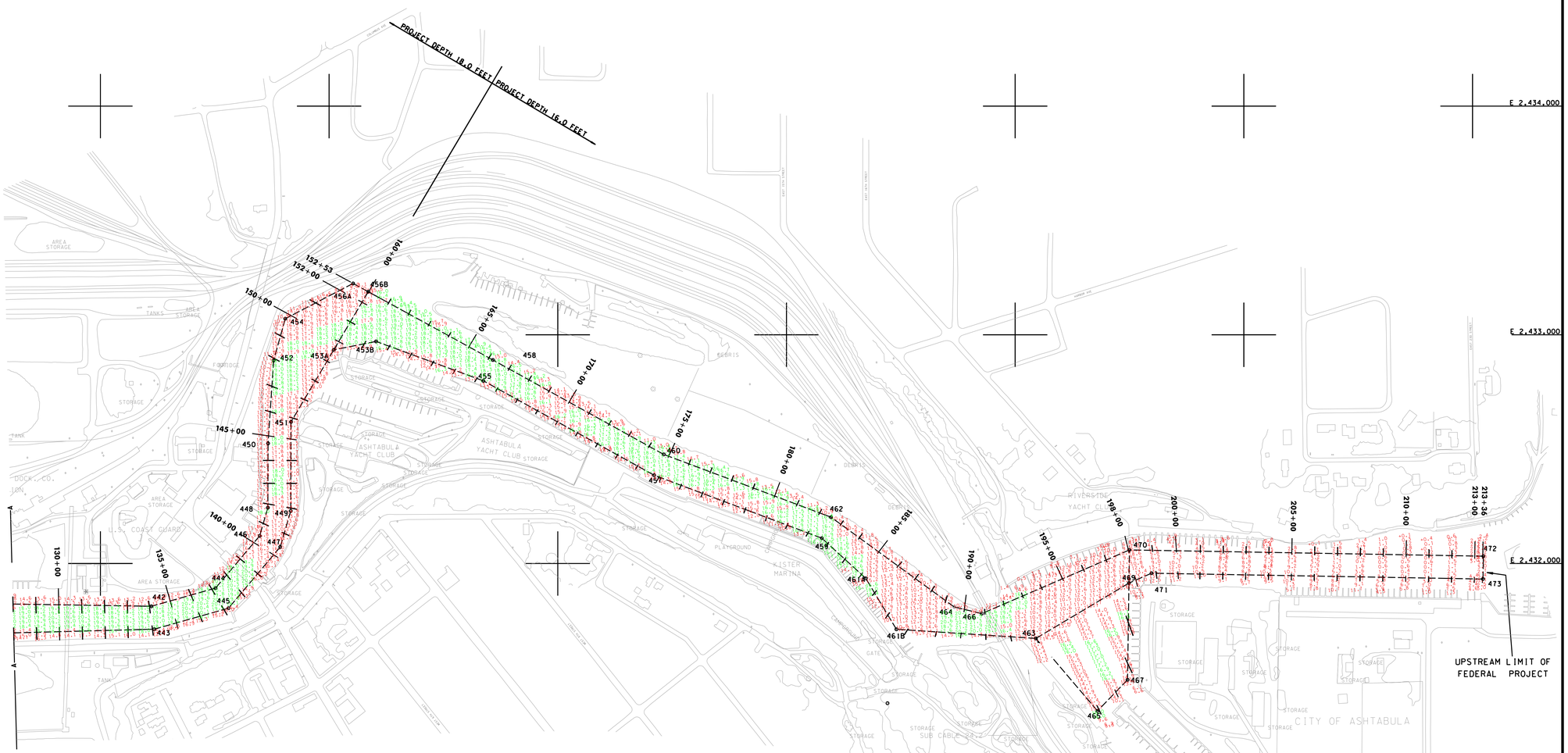


LOCALITY MAP
"NOT TO SCALE"



CHANNEL CORNER COORDINATES		
POINT	NORTHING	EASTING
415	2432597.33	825413.95
402	2432318.08	824701.49
413	2431550.03	823313.63
403	2431113.32	822524.47
E	2431550.14	822121.79
496	2431641.22	821477.93
441	2431675.54	820178.45
443	2431712.77	818764.02
445	2431804.57	818439.90
447	2432072.34	818213.59
449	2432229.77	818167.69
451	2432619.23	818166.56
453A	2432934.22	817979.61
453B	2432971.00	817794.58
455	2432798.66	817325.22
457	2432385.95	816578.80
459	2432110.58	815845.09
461A	2431935.12	815653.34
461B	2431712.41	815519.26
463	2431672.30	814909.42
465	2431355.21	814639.88
467	2431491.60	814508.51
469	2431914.32	814502.37
471	2431957.45	814403.60
473	2431932.03	812954.29
472	2432032.00	812952.52
470	2432059.24	814500.17
466	2431780.99	815145.71
464	2431809.88	815266.08
462	2432202.40	815805.02
460	2432477.01	816536.84
458	2432889.87	817283.58
456B	2433188.29	817828.82
456A	2433224.53	817895.16
454	2433070.43	818191.77
452	2432887.92	818242.39
450	2432525.16	818266.86
448	2432244.12	818267.66
446	2432120.61	818303.72
444	2431892.39	818496.57
442	2431812.91	818777.17
440	2431835.56	820182.56
432	2431781.87	822213.34
418	2432284.94	822408.25
416	2433188.86	822043.02
436	2433181.15	822436.20
404	2433050.70	822435.27
406	2432812.95	822524.80
492	2432753.61	822575.47
428	2432817.88	822783.55
419	2433893.61	822790.80
495	2433935.36	823210.40
484	2433202.07	824027.30
483	2434483.03	822600.40
482	2436004.99	822630.38
481	2435984.98	823647.05
480	2435792.53	823826.44
479	2434348.55	823798.08
484A	2433459.06	824544.20

SITE SPECIFIC NOTES:

1. PROJECT DEPTHS AND SOUNDINGS ARE REFERRED TO LOW WATER DATUM OF 569.2 FEET IGLD 1985.
2. HORIZONTAL CONTROL IS REFERRED TO NORTH AMERICAN DATUM 1983 OHIO STATE PLANE COORDINATE SYSTEM - NORTH ZONE.
3. PROJECT DEPTHS; AS SHOWN
4. THE FILES USED IN THE PREPARATION OF THIS DRAWING ARE ON
   DISK:HARBOR 2012
   ASH12PCVH1012-2.DGN
   ASH12PCV-HP.DGN
5. SOUNDINGS WERE TAKEN BY THE BUFFALO DISTRICT ARMY CORPS OF ENGINEERS BY D. BANNING AND PARTY ON APRIL 10, 2012 THROUGH MAY 25, 2012. USING
   GPS POSITIONING, POS-MV VER.4 AND ASHTECH BR2G
   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
6. R. GORSKI AND PARTY ON
   JULY 7, 2011. USING
   GPS POSITIONING, ASHTECH BR2G
   BEACON USED;YOUNGSTOWN
   S.D.I., SPECIALTY DEVICES, INC.
   HAND LEAD LINE FOR SHALLOW WATER
   16 FOOT SURVEY BOAT
7. 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.
8. THE TOPOGRAPHIC INFORMATION IS BASED ON AERIAL PHOTOGRAPHY ACQUIRED FROM 1998 THROUGH 2004.
9. THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE STANDARDS OUTLINED IN CORPS OF ENGINEERS HYDROGRAPHIC SURVEY MANUAL EM 1110-2-1003.

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
Q	QUICK (FLASHING)
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: October 2, 2012

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

ASHTABULA HARBOR, OHIO

PROJECT CONDITION SOUNDINGS 2012

SCALE: 1" = 200'

SCALE OF FEET 50 0 100 200

Sheet reference number:
VH - 102

Sheet **2** of **2**

12S-ASH-1/2

To view a color version of this map, point a web browser to http://www.lrb.usace.army.mil/WebBafe/MotherMgmt/survey/survey.html This drawing was prepared using a CADD system. Scaling may be distorted.