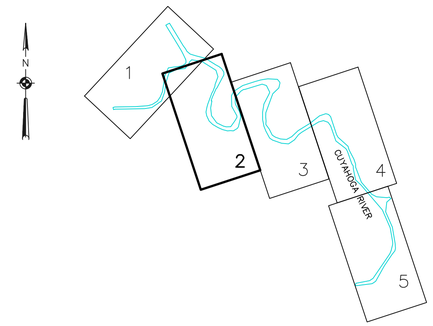


SHEET INDEX
"NOT TO SCALE"

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)

SITE SPECIFIC NOTES

1.PROJECT DEPTHS AND SOUNDINGS ARE U.S. SURVEY FEET REFERRED TO LOW WATER DATUM OF 569.2 FEET ABOVE INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD85).

2.HORIZONTAL COORDINATES ARE U.S. SURVEY FEET REFERRED TO NORTH AMERICAN DATUM 1983 (NAD83) OHIO STATE PLANE COORDINATE SYSTEM – NORTH ZONE.

3.PROJECT DEPTH IS AS NOTED BELOW LOW WATER DATUM.

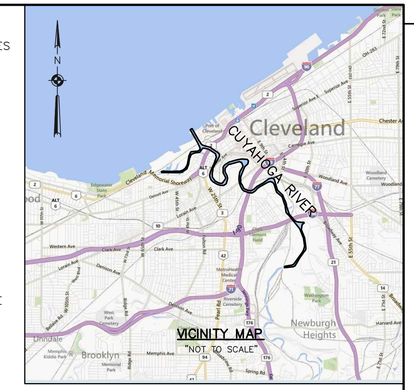
4.THE FILES USED IN THE PREPARATION OF THIS DRAWING ARE: CYR14VH5.DGN

5.SOUNDINGS WERE TAKEN BY THE BUFFALO DISTRICT ARMY CORPS OF ENGINEERS BY D.BANNING AND PARTY ON MAY 20 THRU JUNE 4, 2014:
GPS POSITIONING, POS–MV VER. 5 AND RTK TIDES
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 CTD,
HYPACK SURVEY SOFTWARE
SURVEY VESSEL WITMER

6.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.

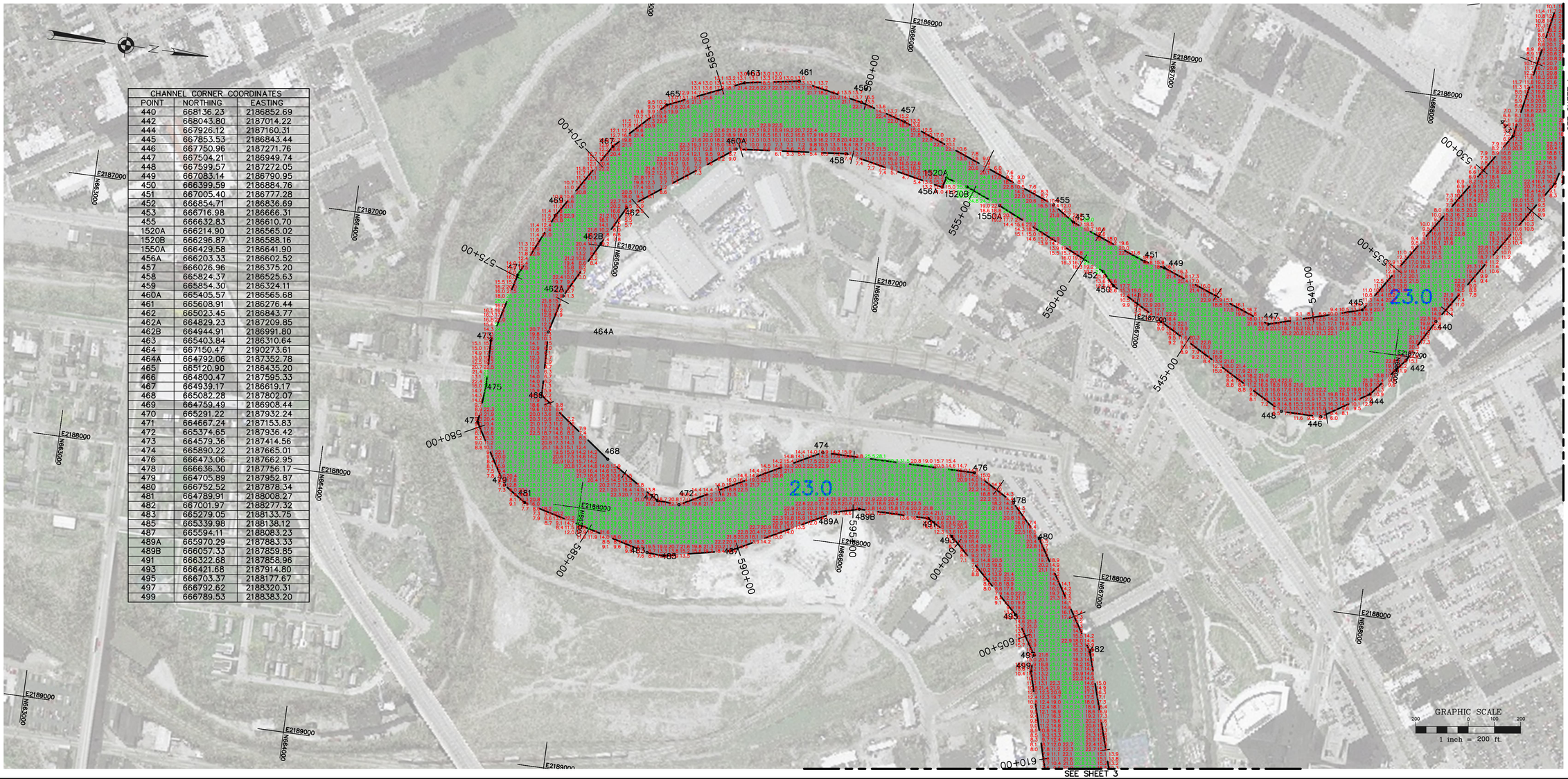
7.THE BACKGROUND IMAGERY SHOWN WAS ACQUIRED FROM THE OHIO GEOGRAPHICALLY REFERENCED INFORMATION PROGRAM.

8.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
440	668136.23	2186852.69
442	668043.80	2187014.22
444	667926.12	2187160.31
445	667853.53	2186843.44
446	667750.96	2187271.76
447	667504.21	2186949.74
448	667599.57	2187272.05
449	667083.14	2186790.95
450	666399.59	2186884.76
451	667005.40	2186777.28
452	666854.71	2186836.69
453	666716.98	2186666.31
455	666632.83	2186610.70
1520A	666214.90	2186565.02
1520B	666296.87	2186588.16
1550A	666429.58	2186641.90
456A	666203.33	2186602.52
457	666026.96	2186375.20
458	665824.37	2186525.63
459	665854.30	2186324.11
460A	665405.57	2186565.68
461	665608.91	2186276.44
462	665023.45	2186843.77
462A	664829.23	2187209.85
462B	664944.91	2186991.80
463	665403.84	2186310.64
464	667150.47	2190273.61
464A	664792.06	2187352.78
465	665120.90	2186435.20
466	664800.47	2187595.33
467	664939.17	2186619.17
468	665082.28	2187802.07
469	664759.49	2186908.44
470	665291.22	2187932.24
471	664667.24	2187153.83
472	665374.65	2187936.42
473	664579.36	2187414.56
474	665890.22	2187665.01
476	666473.06	2187662.95
478	666636.30	2187756.17
479	664705.89	2187952.87
480	666752.52	2187878.34
481	664789.91	2188008.27
482	667001.97	2188277.32
483	665279.05	2188133.75
485	665339.98	2188138.12
487	665594.11	2188083.23
489A	665970.29	2187883.33
489B	666057.33	2187859.85
491	666322.68	2187858.96
493	666421.68	2187914.80
495	666703.37	2188177.67
497	666792.62	2188320.31
499	666789.53	2188383.20



US Army Corps of Engineers
Buffalo District

Original sheet size = ANSI D

** COPY OF SIGNED ORIGINAL **

Drawn by: ACK
Checked by: KPL
Reviewed by: Ronald H. Figler III PLS
Chief, Survey Section
Approved: Edward F. Gawarecki
Date: JUNE 16, 2014
Chief, NY–PA, O & M Office

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

CLEVELAND, OHIO
CUYAHOGA RIVER
PROJECT CONDITION SOUNDINGS 2014
SCALE: 1" = 200'

Sheet reference number
VH–102
Sheet 2 of 5

To download an electronic version of this map, point a web browser to http://www.lrb.usace.army.mil/WhoWeAre/NavigationMgmt/Survey/Surveys.html

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