

VICINITY MAP
NOT TO SCALE

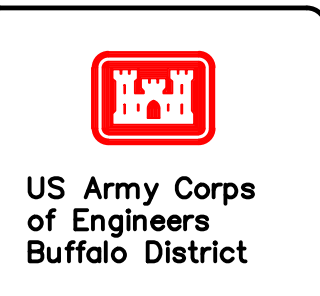
SOUNDING COLOR LEGEND	
	DEPTHS 0.1' OR MORE ABOVE PROJECT DEPTH
	DEPTHS AT OR BELOW PROJECT DEPTH
4.0	PROJECT DEPTH

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
⊙	CAN BUOY
⊙	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:

- PROJECT DEPTHS AND SOUNDINGS ARE REFERRED TO LOW WATER DATUM OF 569.2 FEET IGLD 1985.
- HORIZONTAL CONTROL IS REFERRED TO NORTH AMERICAN DATUM 1983 OHIO STATE PLANE COORDINATE SYSTEM-NORTH ZONE.
- PROJECT DEPTH IS AS NOTED BELOW LOW WATER DATUM.
- SOUNDINGS WERE TAKEN BY THE BUFFALO DISTRICT ARMY CORPS OF ENGINEERS BY C. STRONG AND PARTY ON SEPTEMBER 11, 2019 USING:
GPS POSITIONING, POS-MV VER.5 W/RTK TIDES
SONAR HEAD: 200 KHZ, ODOM MKIII SINGLEBEAM
VELOCITY PROFILER; SONTEK CASTAWAY
HYPACK SURVEY SOFTWARE
SURVEY LAUNCH "18" LOWE"
- 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.
- BACKGROUND IMAGERY ACQUIRED FROM ARCMAP WORLD IMAGERY IN 2016.
- THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE STANDARDS OUTLINED IN CORPS OF ENGINEERS HYDROGRAPHIC SURVEY MANUAL EM 1110-2-1003.

CHANNEL CORNERS COORDINATES		
POINT	NORTHING	EASTING
411	700388.99	1816975.23
410	700239.56	1816988.30
412	700195.98	1816490.20
413	700345.41	1816477.13
415	700205.95	1814883.20
414	700056.52	1814896.28
416	700063.99	1814694.86
417	700163.61	1814686.14
419	700136.16	1814372.47
418	700039.13	1814410.81
421	699955.79	1814143.50
420	699877.12	1814204.34



** COPY OF SIGNED ORIGINAL **

Drawn by: KPL	Checked by: ACK
Reviewed by: Roman H. Figler III PLS	Chief, Survey Section
Approved by: Adam W. Hamm, PE	Chief, NY/PA Navigation and Maintenance Section

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

TOUSSAINT RIVER, OHIO
PROJECT CONDITIONS SOUNDINGS 2019
SCALE: 1" = 200'

Sheet reference number
VH-101
Sheet 1 of 1