



LEGEND OF SYMBOLS	
17+00	CHANNEL STATIONING
o 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
	SUBMERGED WRECK

1. PROJECT DEPTHS AND SOUNDINGS SHOWN ARE U.S. SURVEY FEET REFERRED TO LOW WATER DATUM OF 569.2 FEET INTERNATIONAL GREAT LAKES DATUM OF 1985 (IGLD 85) (EPSG:5609).
2. HORIZONTAL COORDINATES AND DISTANCES SHOWN ARE U.S. SURVEY FEET REFERRED TO NORTH AMERICAN DATUM 1983/2011 (NAD83/11) OHIO STATE PLANE COORDINATE SYSTEM – NORTH ZONE (EPSG:6549)
3. SOUNDINGS WERE TAKEN BY THE BUFFALO DISTRICT ARMY CORPS OF ENGINEERS BY B. MUNRO AND PARTY ON SEPTEMBER 1, 2026 USING:
CORRECTIONS USED: RTK GPS BASE STATION
SONAR: HEAD: 200/24 KHZ, CEESCOPE
3 DEGREE
VELOCITY PROFILER: SONTEK CASTAWAY
HYPACK SURVEY SOFTWARE
SURVEY LAUNCH: LOWE
4. 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.
5. THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE STANDARDS OUTLINED IN CORPS OF ENGINEERS HYDROGRAPHIC SURVEY MANUAL EM 1110–2–1003.
6. THIS PROJECT WAS DESIGNED BY THE BUFFALO DISTRICT OF THE U.S. ARMY CORPS OF ENGINEERS. THE INITIALS OR SIGNATURES AND REGISTRATION DESIGNATIONS OF INDIVIDUALS APPEAR ON THESE PROJECT DOCUMENTS WITHIN THE SCOPE OF THEIR EMPLOYMENT AS REQUIRED BY ER 1110–1–8152.

POINT	CHANNEL CORNERS		COORDINATES
	NORTHING	EASTING	
815	732412.10	1754255.39	
814	732412.29	1754353.39	
813	732520.28	1754253.19	
809	732520.88	1754308.38	
808	732620.69	1754305.21	
807	732692.64	1754320.39	
805	732744.64	1754299.80	
803	733339.99	1754405.22	
801	733425.22	1754420.31	
800	733555.78	1754596.47	
802	733282.93	1754496.68	
804	732520.32	1754321.32	
806	732698.81	1754329.25	
808	732596.92	1754371.73	
810	732560.98	1754353.11	
812	732496.00	1754353.23	



Original sheet size = ANSI D

Drawn by: DMD	** COPY OF SIGNED ORIGINAL **
Checked by: KPL	
Reviewed by:	
Aaron C. Kemmerly PLS Chief, Survey Section	
Date: September 2, 2026	

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

COOLEY CANAL
LAKEMONT LANDING, OH
PROJECT CONDITION SOUNDINGS 2026

SCALE: 1"=100'

Sheet
reference
number
VH-101
Sheet 1 of 1

