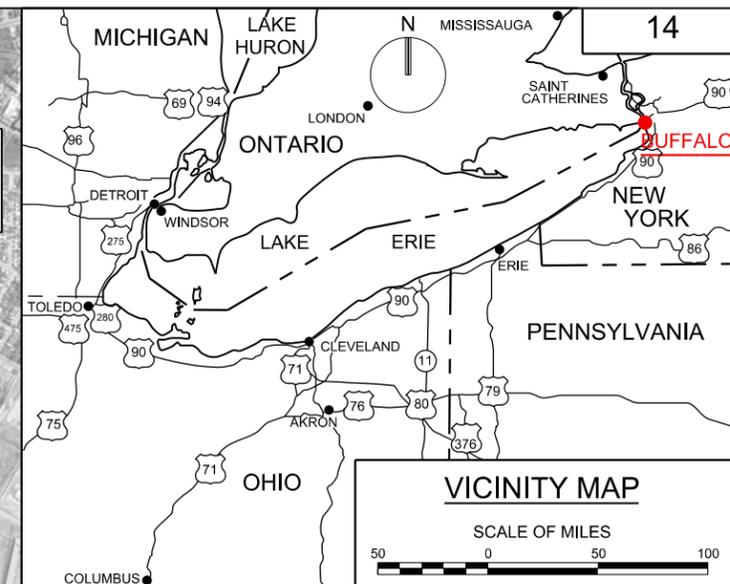


INDEX TO BRIDGES - SHOWN THUS (14)

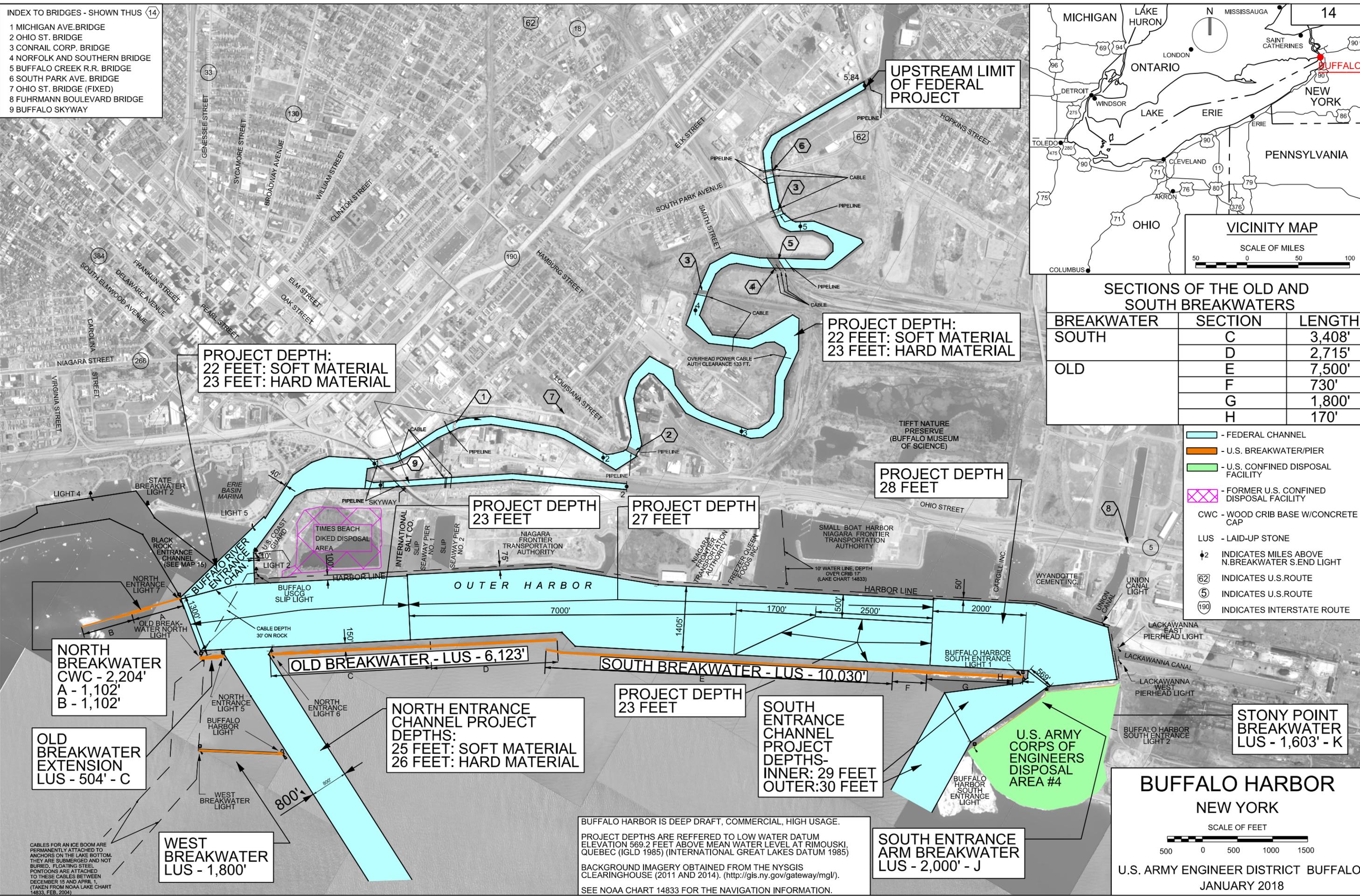
- 1 MICHIGAN AVE. BRIDGE
- 2 OHIO ST. BRIDGE
- 3 CONRAIL CORP. BRIDGE
- 4 NORFOLK AND SOUTHERN BRIDGE
- 5 BUFFALO CREEK R.R. BRIDGE
- 6 SOUTH PARK AVE. BRIDGE
- 7 OHIO ST. BRIDGE (FIXED)
- 8 FUHRMANN BOULEVARD BRIDGE
- 9 BUFFALO SKYWAY



SECTIONS OF THE OLD AND SOUTH BREAKWATERS

BREAKWATER	SECTION	LENGTH
SOUTH	C	3,408'
	D	2,715'
OLD	E	7,500'
	F	730'
	G	1,800'
	H	170'

- - FEDERAL CHANNEL
- - U.S. BREAKWATER/PIER
- - U.S. CONFINED DISPOSAL FACILITY
- X - FORMER U.S. CONFINED DISPOSAL FACILITY
- CWC - WOOD CRIB BASE W/CONCRETE CAP
- LUS - LAID-UP STONE
- ◆2 INDICATES MILES ABOVE N. BREAKWATER S. END LIGHT
- 62 INDICATES U.S. ROUTE
- 5 INDICATES U.S. ROUTE
- 190 INDICATES INTERSTATE ROUTE



BUFFALO HARBOR IS DEEP DRAFT, COMMERCIAL, HIGH USAGE.
 PROJECT DEPTHS ARE REFERRED TO LOW WATER DATUM ELEVATION 569.2 FEET ABOVE MEAN WATER LEVEL AT RIMOUSKI, QUEBEC (IGLD 1985) (INTERNATIONAL GREAT LAKES DATUM 1985)
 BACKGROUND IMAGERY OBTAINED FROM THE NYSGIS CLEARINGHOUSE (2011 AND 2014). (<http://gis.ny.gov/gateway/mgl/>).
 SEE NOAA CHART 14833 FOR THE NAVIGATION INFORMATION.

BUFFALO HARBOR
 NEW YORK
 SCALE OF FEET
 500 0 500 1000 1500
 U.S. ARMY ENGINEER DISTRICT BUFFALO
 JANUARY 2018

CABLES FOR AN ICE BOOM ARE PERMANENTLY ATTACHED TO ANCHORS ON THE LAKE BOTTOM. THEY ARE SUBMERGED AND NOT BURIED. FLOATING STEEL PONTOONS ARE ATTACHED TO THESE CABLES BETWEEN DECEMBER 15 AND APRIL 1. (TAKEN FROM NOAA LAKE CHART 14833, FEB. 2004)