



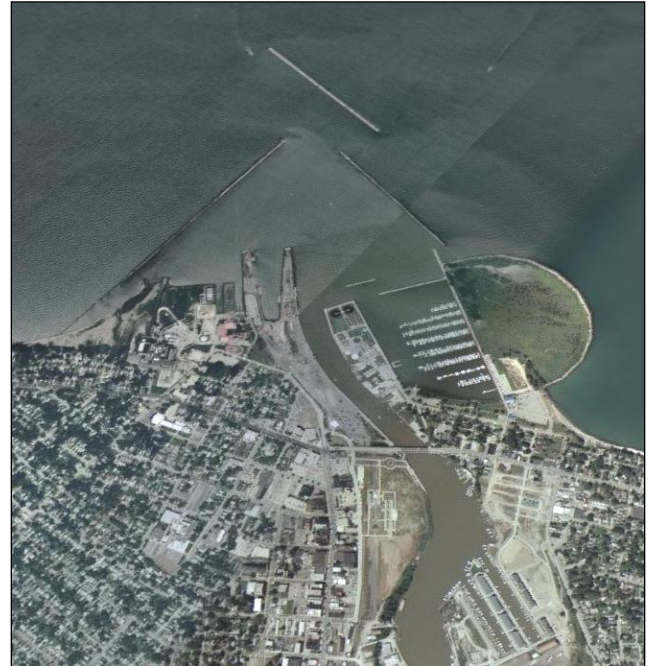
Lorain Harbor, OH

Harbor Features

- Located on Lake Erie in the City of Lorain, Lorain County, OH
- Authorization: River & Harbor Acts of 1899, 1907, 1910, 1918, 1930, 1935, 1945, 1960, 1965, and the Water Resources Development Act of 1986
- Deep draft commercial harbor
- Project depths are 29 feet in the entrance channel, 28 feet in the outer harbor, 25 feet in the eastern and western outer harbor areas, 27 feet in the Black River Channel, 17–21 feet in the turning basins.
- 864k tons of material shipped and received in 2017
- Ranked 144th among U.S ports and 34th among Great Lakes harbors in 2017
- Interconnected with 9 commercial ports: ships to 1 port and receives from 8 ports
- Over 2.5 miles of breakwater structures
- 60-acre outer harbor and 2.6 miles of federal channel on the Black River
- A confined disposal facility is located at the eastern end of the harbor.
- Major stakeholders include the Lorain Port Authority; private marinas; U.S. Coast Guard; American Metal Chemical Corp.; Jonick Dock & Terminal; Republic Steel; IGR Henderson; and Terminal Ready Mix, Inc.

Project Requirements

- The harbor requires dredging of approximately 200,000 cubic yards of material every 3 years to maintain the navigation channel: 150,000 cubic yards from the lower reach and 50,000 from the upper reach. The harbor was last dredged in 2019 when 475,000 cubic yards of material was removed.



- Deteriorated sections of the east and west breakwater require repair. The City of Lorain has expressed concern that further deterioration of the east breakwater could affect water quality at their public water intake.
- A section of steel sheet pile along the outer breakwater unexpectedly failed in July 2015 and resulted in a loss of fill material and inadequate support for the concrete cap. Emergency repairs were completed in 2015 - 2016, and additional repairs were completed in 2018-2019.

Consequences of Not Maintaining the Project

- Reduction of bulk commodities that pass through the harbor and generate \$215M annually in business revenue. Reduction in support for 1,170 direct, indirect, and induced jobs that produce over \$60.1M per year in personal income in the transportation and commodity related industries.
- Closing the harbor to commercial traffic will require commodities to be transported by rail and truck. This would increase annual emission rates by over 7,057 tons of harmful particulate matter and increase costs by \$1,333,000 due to increased railroad-related accidents and \$2,218,000 due to increased trucking-related accidents.

- Light loading: loss of between 3 and 4 feet of channel depth will result in increased transportation costs of between \$686,000 and \$1,130,000 annually.

Transportation Importance

- Major receiving and shipping port on the Great Lakes and a critical harbor of refuge
- Major commodities shipped or received include limestone, sand and gravel, salt, and fertilizers.

**U.S. Army Corps of Engineers Fiscal Year (FY) 2018, 2019, and 2020
Lorain Harbor, OH — Project Requirements and President’s Budget (\$1,000)**

Work Package	FY18 Requirement	FY18 Appropriation	FY19 Requirement	FY19 Appropriation	FY20 Requirement	FY20 President’s Budget
Maintenance Dredging	2,500	2,500	0	0	0	0
Preliminary Assessment	75	0	0	0	0	0
Sediment Sampling & Analysis	115	0	0	0	90	0
Outer Breakwater Repair	0	0	2,929	2,929	0	0
Engineering & Design, West Breakwater Extension Shorearm	0	0	250	0	0	0
Confined Disposal Facility Five Year External Assessment	0	0	5	5	0	0
Dredged Material Management Plan	0	0	0	0		0
Engineering & Design, Detached Breakwater	0	0	0	0	0	0
TOTAL	2,690	2,500	3,184	2,934	240	0

Congressional Interests

- Representative Marcy Kaptur D-OH-9
- Senator Sherrod Brown D-OH
- Senator Rob Portman R-OH