



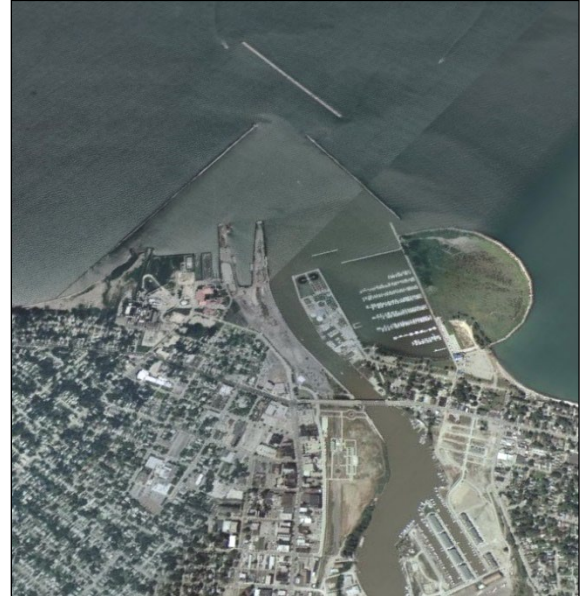
Lorain Harbor, OH

Harbor Features

- Located on Lake Erie in the City of Lorain, Lorain County, OH
- Authorization: Rivers & 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 to 21 feet in the turning basins.
- 792K tons of material shipped and received in 2019
- Ranked 35th among Great Lakes harbors in 2019
- 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 (CDF) is located at the eastern end of the harbor.
- Major stakeholders: 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 75,000 cubic yards of material every year to maintain the navigation channel. The harbor was last dredged in 2019 when 475,000 cubic yards of material were removed. Maintenance dredging is planned for 2021.



- Sections of the west and outer breakwaters are deteriorating. Repairs is required to ensure the harbor is adequately protected. Engineering and design of the west breakwater repairs is planned for 2022.

Consequences of Not Maintaining the Project

- Light loading: loss of between 2 and 3 feet of channel depth will result in increased transportation costs of between \$122,000 and \$231,000 annually.
- Closing the harbor to commercial traffic will require commodities to be transported by rail and truck. This may increase annual emission rates by over 6,709 tons of harmful particulate matter (PM-10) and increase costs by an estimated \$1,502,000 due to increased railroad-related accidents and an estimated \$1,003,000 due to increased trucking-related accidents.

Transportation Importance

- Major receiving and shipping port on the Great Lakes and a critical harbor of refuge
- Major commodities shipped or received include limestone, coal, petroleum coke, sand, and slag.
- Waterborne transportation facilitated by the harbor supports \$38.4M in business revenue, 169 direct, indirect, and induced jobs, and \$12.9M in labor income to the transportation sector.
- Commodities handled by the harbor support \$438.7M in business revenue, 2,388 direct, indirect, and induced jobs, and \$123.4M in labor income.

**U.S. Army Corps of Engineers Fiscal Year (FY) 2020, 2021, and 2022
Lorain Harbor, OH — Project Requirements and President’s Budget (\$1,000)**

Work Package	FY20 Requirement	FY20 Appropriation	FY21 Requirement	FY21 Appropriation	FY22 Requirement	FY22 President’s Budget
Maintenance Dredging – Primary Work Package	0	0	1,694	1,694	800	800
Additional State Requirements for Dredged Material Placement	0	0	245	0	1,259	1,259
Sediment Sampling & Analysis	90	90	0	0	0	0
Outer Breakwater Repair	0	0	10,000	0	0	0
Dredged Material Management Plan	150	150	0	0	0	0
Economic and Environmental Evaluation	0	0	150	0	150	0
Real Estate Management	0	0	8	8	8	8
CDF Fill Management & Berm Raising	0	0	0	0	5,000	0
Engineering & Design and Construction, Outer Breakwater	0	0	0	0	10,000	0
Engineering & Design and Construction, West Breakwater	0	0	250	0	15,000	250
TOTAL	240	240	12,347	1,702	32,217	2,317

Congressional Interests

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