



US Army Corps
of Engineers ®



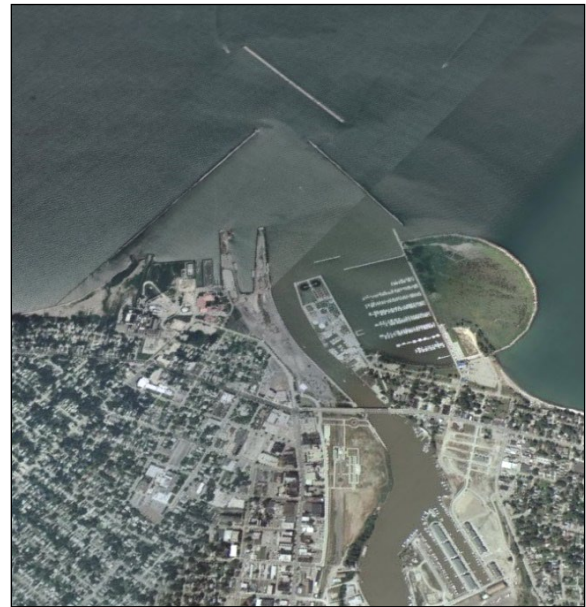
Lorain Harbor, OH

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.
- 897K tons of material shipped and received in 2021.
- 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, Lorain Police Department, 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 2022 when 55,000 cubic yards of material was removed. Dredging funded in 2023 is scheduled to be completed in 2024.



- West Breakwater and Outer Breakwater have deteriorated sections that require repairs to ensure the harbor is adequately protected. Engineering and design are ongoing and will be completed in 2024. Subsequent construction is planned to start in 2024 on the West Breakwater. Additional funding is needed to complete all required repairs.
- Evaluation of dredged material placement alternatives and development of dredged material management plan for the harbor are ongoing to ensure placement capacity for future maintenance dredging.

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 \$118,000 and \$298,000 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 3,648 tons of harmful particulate matter (PM-10) and increase costs by an estimated \$1,880,000 due to increased railroad-related accidents and an estimated \$1,335,000 due to increased trucking-related accidents.

- Major receiving and shipping port on the Great Lakes and a critical harbor of refuge.
- Major commodities shipped or received include limestone, salt, coal, petroleum coke, sand and gravel, and slag.
- Waterborne transportation facilitated by the harbor supports \$42.2M in business revenue, 179 direct, indirect, and induced jobs, and \$13M in labor income to the transportation sector.

Transportation Importance

**U.S. Army Corps of Engineers Fiscal Year (FY) 2023, 2024, and 2025
Lorain Harbor, OH — Project Requirements and President’s Budget (\$1,000)**

Work Package	FY23 Requirement	FY23 Appropriation	FY24 Requirement	FY24 Appropriation	FY25 Requirement	FY25 Appropriation
Maintenance Dredging – Primary Work Package	952	952	2,960	2,960	1,205	1,205
Additional State Requirements for Dredged Material Placement	1,418	0	0	0	2,350	0
Engineering, Design and Construction Outer Breakwater Repair	0	0	10,250	0	400	0
Environmental Compliance Management - Confined Disposal Facility Five Year External Assessment	6	6	0	0	0	0
Economic and Environmental Evaluation	0	0	0	0	0	0
Dredged Material Management Plan	200	200	200	200	200	0
Real Estate Management	8	8	8	8	8	8
Engineering and Design West Breakwater	15,000	14,694	250	250	0	0
Construction West Breakwater	0	0	23,700	0	26,700	0
TOTAL	\$17,584	\$15,860	\$37,368	\$3,418	\$30,863	\$1,213

Congressional Interests

- Representative Bob Latta, D-OH-5
- Senator Sherrod Brown D-OH
- Senator J. D. Vance R-OH