



Lorain Harbor, OH

Harbor Features

- Located on Lake Erie in the city of Lorain, Lorain County, Ohio.
- Authorization: River & Harbor Acts of 1899, 1907, 1910, 1917, 1930, 1935, 1945, 1960, 1965 and the Water Resources Development Act of 1986.
- Deep draft commercial harbor.
- Authorized depths are 28 feet in the outer harbor and 27 feet in the river.
- 93rd leading U.S. port with 3,600,000 tons of material shipped or received in 2006.
- Lorain Harbor is ranked 23rd among the Great Lakes 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 include the Lorain Port Authority, U.S. Coast Guard, Amcor Marine, American Metal Chemical Corp., Gold Bond/U.S. Gypsum, Jonick Dock & Terminal, Lorain Tubular Co., National Gypsum Co., Republic Technologies Int., and terminal Ready Mix, Inc.

Project Needs

- Approximately 150,000 cubic yards (CY) of material must be dredged every 2 years. The harbor was last dredged in 2006 when approximately 45,000 CY of material was removed. Dredging is scheduled for FY08.
- Recent dredging has been restricted by the dredging budget.
- The implementation of a fill management plan has been necessary to extend the useful life of the CDF. The first of three potential perimeter berm lifts occurred in Sep 07 to accommodate the scheduled FY08 dredging.
- The current sediment backlog within the functional harbor areas is estimated at approximately 652,000 CY.



- Major FY10 needs include maintenance and backlog dredging, CDF maintenance and structure repair, and E&D for a new CDF.

Consequences of Not Maintaining the Project

- Failure to dredge will result in continued shoaling and reduced channel dimensions; resulting in light loading, increased transportation costs and unsafe navigation conditions.
- Light loading; loss of between 2 and 3 feet of channel depth results in increased transportation costs of between \$346,000 and \$897,000 annually.
- Failure to repair the east and west breakwaters will result in the continued degradation of the structures, increased future maintenance costs and unsafe navigation conditions within the harbor leading to vessel delays and potential damage to shoreline structures.
- Failure to implement critical path measures for CDF capacity (E&D CDF Maintenance and E&D new CDF) could potentially prevent dredging after FY10.
- Significant loss of jobs both locally and regionally.

Transportation Importance

- Major receiving and shipping port on the Great Lakes.
- Commodities shipped or received include iron ore, aggregates, limestone, chemicals, ores and minerals.
- 33% increase in tonnage in 2006, partially due to increased shipments from foreign countries.
- Bulk commodities that pass through Lorain Harbor generate approximately \$33,900,000 annually in direct revenue which supports over 574 jobs.
- These jobs generate over \$21,200,000 per year in personal income

**U.S. Army Corps of Engineers Fiscal Year (FY) 2008, 2009 and 2010
Lorain Harbor, Ohio Project Needs and President’s Budget (\$1,000)**

Work Package	FY08 Need	FY08 Allocation	FY09 Need	FY09 President’s Budget	FY10 Need	FY10 President’s Budget*
Project Conditions Survey			53	53	50	
Dredged Material Management Plan	130	130	200	200		
Structure Repair – East and West Breakwaters (F/P)			600	600	625	
Construction, CDF Maintenance			425	425		
Environmental Compliance (CDF Monitoring, Field)					20	
Maintenance Dredging – Primary Work Package	1,730	852	1,100	1,100	1,165	
Maintenance Dredging – Backlog Work Package			1,270		812	
E&D, CDF Maintenance	110	110			200	
E&D New CDF			200		350	
Snagging and Clearing (F/P)			45	45	45	
TOTALS	1,840	962	3,893	2,423	3,267	

*FY10 President’s Budget will be available in February 2009

Congressional Interests

- Representative Betty Sutton D-OH-13
- Senator George Voinovich R-OH
- Senator Sherrod Brown D-OH