



Indiana Harbor, IN

Project Features

- Located on Lake Michigan in the City of East Chicago, Lake County, Indiana.
- Authorized depths are -29 ft. L.W.D in the approach channel, -28 ft. in the turning basin, -27 ft. in the outer dock area, and -22 ft. within the main and two branch channels.
- 42nd leading U.S. port with 15.0 M tons of material shipped or received in 2007.
- Ranked 1st in tonnage among the 25 Federal harbors on L. Michigan and 2nd in tonnage of the 55 Federal harbors on the Great Lakes.
- Interconnected with 83 commercial ports: ships to 41 ports, and receives from 42 ports.
- 3,085 linear feet of laid-up stone and concrete caisson breakwater structures.
- 4.7 miles of Federal Channel combined within the Indiana Harbor Canal, the Calumet River Branch, and the Lake George Branch.
- A confined disposal facility (CDF) is under construction on the L. George branch.
- Major stakeholders: ArcelorMittal Steel, US Gypsum, LaFarge Cement, and Amoco.

Project Requirements

- The project has not been dredged since 1972 due to the lack of a suitable disposal facility for the highly contaminated sediment. Average shoaling depth in the channel areas is 4.0'.
- The capacity of the new CDF will be 4.8M cubic yards. It will accommodate the backlog, anticipated dredging at berthing and other non-federal areas, and maintenance dredging for twenty years into the future.
- Indiana Harbor is one of the 43 areas of concern (AOC) identified by the International Joint Committee for the Great Lakes. The harbor is the only AOC that fails all fourteen criteria established by USEPA.
- Harbor dredging is scheduled to begin at the end of 2011 after completion of the CDF. Constrained federal funding levels for CDF construction and harbor maintenance due to extended CRA period may delay this effort.



Consequences of Not Maintaining the Project

- Light loading - loss of between 4 and 5 feet of channel depth due to shoaling and lake level results in increased transportation costs of between \$9.7M and \$13.1M annually.

Transportation Importance

- Commodities are iron ore, limestone, coke, gypsum, steel, cement and concrete, petroleum products, and miscellaneous bulk products.
- ArcelorMittal's Indiana Harbor facility is the largest steelmaking complex in North America. It is fully integrated; operating five blast furnaces, and has a total raw steelmaking capability of 10.M tons annually. Products produced are hot-rolled, cold-rolled and hot-dipped galvanized sheet products. The markets served include automotive, appliance, agricultural, construction, line and pipe tube, electrical/motor lamination, converters and steel service centers.
- Bulk commodities that pass through Indiana Harbor generate nearly \$174.M annually in direct revenue which supports nearly 3,400 jobs.
- These jobs generate nearly \$124.M per year in personal income.

**U.S. Army Corps of Engineers Fiscal Year (FY) 2010, 2011 and 2012
Indiana Harbor, IN - Project Needs and President's Budget (\$1,000)**

Harbor Operations Work Packages	FY10 Need	FY10 Appropriation	FY11 Need	FY11 President's Budget	FY12 President's Budget
Project Condition Surveys	162	162	170	170	175
CDF Site Operations	2,168	2,976	3,210	3,210	4,000
Maintenance Dredging of Federal Harbor Channel – Primary work package			4,820	2,320	2,500
Maintenance Dredging of Federal Harbor Channel – Backlog work package			8,000		
Structural repairs to Easterly Breakwater (Completed by Gov't. Floating Plant)					400
TOTALS	2,330	3,138	16,200	5,700	7,075

Confined Disposal Facility Work Packages	FY10 Needs	FY10 Appropriation	FY11 Need	FY11 President's Budget	FY12 President's Budget
CDF Dikes 3 & Interior Layout – Plans and Specifications, and Construction	700	700			
CDF Groundwater Gradient Control System – Plans and Specifications, and Construction					
CDF Groundwater Treatment Plant – Plans and Specifications for Construction, and Operation					
CDF South Cutoff Wall – Plans and Specifications, and Construction					
CDF Air Monitoring – Present Activities and Future Plan					
CDF Waste Water Treatment Plant - Construction	12,640	12,800	8,000	8,000	
TOTALS	13,340	13,500	8,000	8,000	0

Congressional Interests

- Representative Peter J. Visclosky, D-IN-1
- Senator Richard Lugar, R-IN
- Senator Dan Coats, R-IN