



Indiana Harbor, IN

Project Features

- Located on Lake Michigan in the City of East Chicago, Lake County, Indiana.
- Controlling 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.
- 43rd leading U.S. port with 16.2M tons of material shipped or received in 2006.
- Ranked 1st in tonnage among the 25 Federal commercial harbors on Lake Michigan, and 2nd in tonnage of the 62 Federal commercial harbors on the Great Lakes.
- 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 include Mittal Steel, US Gypsum, LaFarge Cement, and Amoco.

Project Needs

- 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 3.0'.
- 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 clean-up dredging was scheduled to begin in 2009 after completion of the CDF. Constrained federal funding levels for CDF construction will further delay this effort.



Consequences of Not Maintaining the Project

- Light loading - loss of between 3 and 5 feet of channel depth due to shoaling and lake level results in increased transportation costs of between \$7.6M and \$14.7M annually.

Transportation Importance

- Commodities are iron ore, limestone, coke, gypsum, steel, cement and concrete, petroleum products, and miscellaneous bulk products.
- Mittal'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 \$321.M annually in direct revenue which supports nearly 4,600 jobs.
- These jobs generate nearly \$169.M per year in personal income.

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

Harbor Operations Work Packages	FY08 Need	FY08 Allocation	FY09 Need	FY09 President's Budget	FY10 Need	FY10 Budget*
Project Condition Surveys	150	139	150	150	162	
CDF Operations Plan Development	-	-	-	-	-	
CDF Operations Contract Assembly	610	565	-	-	-	
Maintenance Dredging - Plans & Specifications for 1 st & 2 nd Year Dredging contracts	-	-	588	588	-	
CDF Site Operations	-	-	2,400	2,400	2,168	
TOTALS	760	704	3,138	3,138	2,330	

Confined Disposal Facility Work Packages	FY08 Need	FY08 Allocation	FY09 Need	FY09 President's Budget	FY10 Need	FY10 Budget*
CDF Dikes 3 & Interior Layout – Plans and Specifications, and Construction	5,050	5,050	-	-	700	
CDF Groundwater Gradient Control System – Plans and Specifications, and Construction	9,150	2,976	5,885	5,885	-	
CDF Groundwater Treatment Plant – Plans and Specifications for Construction, and Operation	2,500	0	2,500	2,500	-	
CDF South Cutoff Wall – Plans and Specifications, and Construction	9,050	9,050	-	-	-	
CDF Air Monitoring – Present Activities and Future Plan	700	700	-	-	-	
CDF Waste Water Treatment Plant - Construction	10,350	0	10,350	0	12,640	
TOTALS	36,800	17,776	18,735	8,385	13,340	

*FY10 President's Budget will be available in February 2009.

Congressional Interests

- Representative Peter J. Visclosky, D-IN-1
- Senator Evan Bayh, D-IN
- Senator Richard G. Lugar, R-IN