



Waukegan Harbor, IL

Project Features

- Located on Lake Michigan in the city of Waukegan, Lake County, Illinois.
- Authorization: River and Harbor Acts of 1880, 1882, 1902, 1945, 1965, and 1970.
- Deep draft commercial harbor, with a Federal channel length of 1.35 miles.
- Authorized depths are 22 feet in the Lake Michigan harbor approach, and 18 feet in the outer harbor and inner basin areas.
- 6,051 linear feet of timber crib, steel sheet pile, or concrete caisson breakwater structures, plus 1,076 linear feet of steel pile revetments.
- 534,000 tons shipped or received in 2008
- Interconnected with 13 commercial ports: ships to six ports, receives from seven ports.
- Local stakeholders include National Gypsum, Lafarge Cement, and St. Mary's Cement, Inc.

Project Requirements

- The approach channel currently blocks entry to all commercial vessels. A dredging contract will be completed in May 2012, but is funded to remove only 42,000 CY of the 92,000 CY present. Additional dredging will be completed in 2012, funded by an allocation from the National Provision in the FY12 Consolidated Appropriation Bill. The annual dredging need is 70,000 CY to maintain safe vessel passage. The rate of shoal development in the approach has increased due to sediment accumulation north of the breakwater.
- The outer and inner harbor areas have not been dredged for over 26 years due to the contaminants present in the sediment. The average loss of depth in the outer harbor area is between 5-6 feet; 98,000 CY of material is planned for removal when an upland disposal site can be successfully located.
- The inner harbor is part of a Superfund site due to PCB contamination. The average loss of depth in this area is nearly 4.0 feet. 230,000 CY of contaminated sediment is planned for removal. USEPA is currently working to initiate this cleanup.



Consequences of Not Maintaining the Project

- Loss of between 9-13 feet of approach channel depth due to shoaling results in project closure. The increased transportation cost shipping materials via other methods is \$6.6M annually.
- If annual dredging is terminated, both the National Gypsum Drywall Plant and the LaFarge Cement Terminal in the harbor will permanently close down within two years. St. Mary's Cement would attempt to truck materials from Milwaukee.
- If the harbor remains closed to commercial traffic, cargo will have to be transported by rail and truck, increasing annual emission rates by over 1,922 tons of harmful particulate matter (PM-10), and increasing external costs from railroad and trucking related accidents by \$423,420.

Transportation Importance

- Commodities are bulk cement and gypsum rock.
- The harbor is a safe refuge on southern Lake Michigan for barges and vessels traveling north from or south to the Port of Chicago.
- Bulk commodities that pass through the harbor generate nearly \$14M annually in direct revenue which supports 131 jobs.
- These jobs generate nearly \$6M per year in personal income in an economically disadvantaged community.

**U.S. Army Corps of Engineers Fiscal Year (FY) 2011, 2012 and 2013
Waukegan Harbor, IL - Project Requirements and President’s Budget (\$1,000)**

Work Package	FY11 Requirement	FY11 Work Plan	FY12 Requirement	FY12 Appropriation	FY13 Requirement	FY13 President’s Budget
Project Condition Surveys	90	90	93		95	
Maintenance Dredging of Harbor Approach Channel - Primary work package	766	500	804	788*	1,750	
Maintenance Dredging of Dredging Harbor Approach Channel – Backlog Work package						
Maintenance Dredging of Outer Harbor Channel – Primary work package						
Maintenance Dredging of Outer Harbor Channel – Backlog work package			700		800	
Structural Repairs - North Pier, by Government Plant	1,230		1,625		1,800	
TOTALS	2,086	590	3,222	788	4,445	0

*Provided by National Provision in the FY12 Consolidated Appropriation Bill

Congressional Interests

- Representative Robert Dold, R-IL-10
- Senator Richard Durbin, D-IL
- Senator Mark Kirk, R-IL