



Waukegan Harbor, IL

Project Features

- Located on Lake Michigan in the city of Waukegan, Lake County, Illinois.
- Authorization: River & 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
- 6,051 linear feet of timber crib, steel sheet pile, or concrete caisson breakwater structures, plus 1,076 linear feet of steel pile revetments.
- 77.7K tons of material shipped and received in 2013
- Ranked 57th among the Great Lakes ports.
- Interconnected with 4 commercial ports: ships to 2 ports, receives from 4 ports.
- Local stakeholders include National Gypsum, and St. Mary's Cement Inc.

Project Requirements

- Due to the long-term beach accretion north of the shorearm breakwater, the shoaling rate for the approach channel has increased to 80,000 cubic yards per year. If dredging work is not funded every year, winter storms will close the port to all commercial traffic. Funding for low tonnage harbors has been a low national priority.
- A Dredged Material Management Plan is needed to develop alternatives to reduce this \$1.4M per year approach channel dredging need.
- In 2016, a contract will be awarded to replace the concrete superstructure on the east end of the North Pier.

Consequences of Not Maintaining the Project

- Loss of 8 feet of depth in the approach channel from winter storms results in port closure. The increased transportation cost of shipping materials via other methods is over \$2M annually.



- Without annual dredging both the National Gypsum Drywall Plant and the LaFarge Cement Terminal will permanently close. St. Mary's Cement would attempt to truck materials from Milwaukee and continue to operate.
- Reduction of bulk commodities that pass through the harbor and generate \$591.9M annually in business revenue while supporting 3,568 direct, indirect, and induced jobs that produce over \$177.4M per year in personal income in transportation and commodity related industries.
- By closing to commercial traffic, commodities would have to be transported by rail and truck. This would increase annual emission rates by over 543 tons of harmful particulate matter (PM-10) and increase costs by \$95K due to increased railroad related accidents, and \$185K due to increased trucking related accidents.

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.

**U.S. Army Corps of Engineers Fiscal Year (FY) 2015, 2016 and 2017
Waukegan Harbor, IL - Project Requirements and President's Budget (\$1,000)**

| Work Package | FY15 Requirement | FY15 Appropriation | FY16 Requirement | FY16 Appropriation | FY17 Requirement | FY17 President's Budget |
|---|-----------------------------|-------------------------------|-----------------------------|-------------------------------|-----------------------------|--|
| Project Condition Surveys | 100 | | 40 | | | |
| Maintenance Dredging of Harbor Approach Channel | 1,340 | 1,530 | 1,439 | 1,439 | 1,580 | 1,580 |
| Advance Maintenance Dredging North of Approach Channel | | | 1,000 | | 1,450 | |
| Structural Repairs - North Pier by Government Plant | 1,966 | | 2,360 | 2,360 | 0 | |
| Dredged Material Management Plan | 100 | | 100 | | | |
| TOTAL | 3,506 | 1,530 | 4,939 | 3,799 | 3,030 | 1,580 |

Congressional Interests

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