



US Army Corps
of Engineers®



Waukegan Harbor, IL

Harbor Features

- Located on Lake Michigan in the city of Waukegan, Lake County, Illinois.
- Authorization: Rivers & Harbors 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 channel.
- 6,051 linear feet of timber crib, steel sheet pile, or concrete caisson breakwater structures, plus 1,076 linear feet of steel pile revetments.
- 212K tons of material shipped and received in 2019. Ranked 47th of Great Lakes harbors by tonnage.
- Interconnected with 4 commercial ports: ships to 2 ports, receives from 4 ports.
- Major stakeholders: U.S. Coast Guard, National Gypsum, Lafarge Cement Terminal, and St. Mary's Cement Inc. Currently, only National Gypsum is shipping via barge.

Project Requirements

- The shoaling rate at within the approach channel averages 59,000 cubic yards per year, but varies with storms and lake levels.
- Maintenance dredging was not performed in 2019 and 2020 after channel surveys showed a low volume of sediment in the channel. Maintenance dredging is scheduled in 2021, pending results of Spring condition survey. There is a beach placement option in conjunction with the Illinois Public Beach Protection Section 1122 feasibility study approved in February 2021.
- The eastern portion of the north pier (approximately 600 feet) was resurfaced in 2017.



- The center section of the south pier (approximately 790 feet) was resurfaced in 2019.
- The western segment of the north breakwater is in poor condition.
- Selected in December 2018 as the dredged material source for one of ten pilot projects authorized in WRDA 2016, Section 1122—Beneficial Use of Dredged Material.

Consequences of Not Maintaining the Project

- Without annual dredging, National Gypsum would likely close its marine operations.
- If closed to commercial traffic, commodities would have to be transported by rail and truck. This would increase annual emission rates by over 588 tons of harmful particulate matter (PM-10) and increase costs by \$263K due to increased railroad related accidents, and \$176K due to increased trucking related accidents.

Transportation Importance

- Commodities are gypsum rock (95%) and bulk material for aggregate (sand, gravel, limestone).
- The harbor is a safe refuge on southern Lake Michigan for barges and vessels traveling north from or south to the Port of Chicago.
- Waterborne transportation facilitated by the harbor supports \$6.1M in business revenue, 28 direct, indirect, and induced jobs, and \$1.9M in labor income to the transportation sector.
- Commodities handled by the harbor support \$21.9M in business revenue, 132 direct, indirect, and induced jobs, and \$6.6M in labor income.

**U.S. Army Corps of Engineers Fiscal Year (FY) 2019, 2020, and 2021
Waukegan Harbor, IL - Project Requirements and President’s Budget (\$1,000)**

Work Package	FY19 Requirement	FY19 Appropriation	FY20 Requirement	FY20 Appropriation	FY21 Requirement	FY21 Appropriation
Real Estate Management	0	0	11	0	15	11
Maintenance Dredging Approach Channel – Primary Work Package	1,526	1,526	1,489	1,489	1,354	1,354
North Breakwater Repairs	0	0	0	0	1,950	1,950
TOTAL	1,526	1,526	1,500	1,489	3,319	3,315

Congressional Interests

- Representative Brad Schneider D-IL-10
- Senator Richard Durbin D-IL
- Senator Tammy Duckworth D-IL