



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.
- 154K tons of material shipped and received in 2018. Ranked 47<sup>th</sup> 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 80,000 cubic yards per year, but is highly variable. If dredging work is not funded during a year in which accelerated shoaling takes place, the port will close to commercial traffic.
- Maintenance dredging was not performed in 2019 after channel surveys revealed a low volume of sediment in the channel. Maintenance dredging is scheduled to take place in 2020.
- 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 436 tons of harmful particulate matter (PM-10) and increase costs by \$163K due to increased railroad related accidents, and \$263K 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 \$2.5M in business revenue, 10 direct, indirect, and induced jobs, and \$701k in labor income to the transportation sector.
- Commodities handled by the harbor support \$18.4M in business revenue, 111 direct, indirect, and induced jobs, and \$5.6M 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)**

<b>Work Package</b>	<b>FY19 Requirement</b>	<b>FY19 Appropriation</b>	<b>FY20 Requirement</b>	<b>FY20 Appropriation</b>	<b>FY21 Requirement</b>	<b>FY21 President's Budget</b>
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	0
North Breakwater Repairs	0	0	0	0	1,500	0
<b>TOTAL</b>	<b>1,526</b>	<b>1,526</b>	<b>1,500</b>	<b>1,489</b>	<b>2,869</b>	<b>11</b>

### **Congressional Interests**

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