

Great Lakes Waterways Conference 2016

Shamel Abou-El-Seoud, P.E.

Chief, Construction-Operations

Chicago District

February 9, 2016



®

Chicago – Navigation

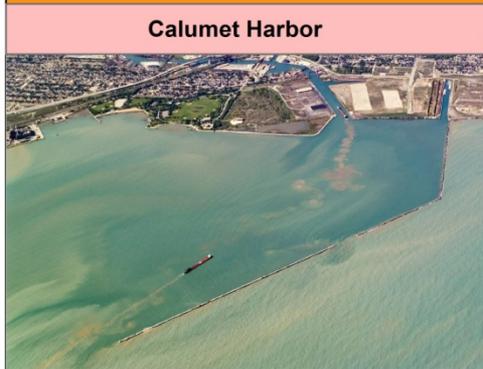


Waukegan Harbor



Chicago Harbor Lock

- Seven Harbor projects
- 14,287 jobs in Chicago area
- \$652 M in wages, salaries
- \$2.8 B in business revenue



Calumet Harbor



Legend

- Navigation Projects
- Chicago District
- Rock Island District
- Counties
- ~ Rivers



Burns Waterway Harbor

Since 1979, the operations and maintenance of the Illinois Waterway has been the responsibility of the USACE, Rock Island District.

INDIANA HARBOR

A major Great Lakes port. 13.2M tons.

Work Performed in 2015:

Dredged 274,000CY in harbor and canal.
Dredged 40,000CY of non-Federal areas.
Operation and Maintenance of the Confined Disposal Facility.



2016 Activities: Dredging of harbor and canal : 200,000+ CY in Fed & Non-Fed areas. Delivery order to an existing dredging contract.

Award a 5-year contract for operation of the Confined Disposal Facility and dredging of the harbor and canal.

Award a stone supply contract for delivery to Corps crews repairing B/W.



BUILDING STRONG®

CALUMET HARBOR

A major Great Lakes port: 12.0M tons.

Work Performed in 2015:

Worked on the Dredge Material Management Plan.
Repaired storm damage to Corps Stone Dock.
Stockpiled dredge material for beneficial upland use.
Performed grouting repairs to attached breakwater.



2016 Activities: Award contract for dredging of harbor/river channels: 82,000CY

Award \$1-5M contract for rock removal in Harbor mid-channel half-width to enable maintenance dredging to achieve full project depth of -28 ft LWD. (pending funding)

Continue dredge material management at the Chicago Confined Disposal Facility to segregate and stockpile harbor dredge material for beneficial use.



BUILDING STRONG®

BURNS WATERWAY

Medium Great Lakes port: 8.4M tons.

Work Performed in 2015:

Dredged 177,000CY in the approach channel



2016 Activities: Dredging of the approach channel 120,000 CY.

Award a stone supply contract for delivery to Corps crews filling scour holes in navigation channel adversely affecting the structures.



BUILDING STRONG®

WAUKEGAN HARBOR

Small Great Lakes port: typically 300,000 tons annually, but tonnage was reduced by closures. 31 Oct 2014 storm closed the port to all vessels.

Work performed in 2015:

Resumed dredged the approach channel in spring. First ship entered 22 Jun 2015.

Channel was restored to its full dimensions in Aug.



2016 Activities: Dredging the approach channel. Minimum of 75,000CY must be dredged each year to reliably keep the port open for shipping.

Award a contract for repair and re-surfacing of the North Pier. (pending funding)



BUILDING STRONG®

CHICAGO HARBOR

Small Great Lakes port: 537,000 tons through Chicago Harbor Lock in FY15, 315 tugs/towboats and 427 barges,

Work performed in 2015:
Chicago Lock Operation and Maintenance
Repaired northeast breakwater damaged by Hurricane Sandy storm.
Preparations for 2016 Lock dewatering.



2016 Activities: Chicago Lock Operations & Maintenance plus lock dewatering and gate seal repairs by USACE crews.

Grouting stabilization of northeast breakwater concrete cap by USACE crews.

Contract to relocate utilities in the North Pier that service the Chicago Lock (pending funding).

