



## Burns Waterway Harbor, IN

### Project Features

- Located on Lake Michigan in the city of Portage, Lake County, Indiana.
- Authorization: Rivers and Harbors Act of 1965
- Authorized depths are 30 feet in the approach channel, 28 feet in the outer harbor, and 27 feet in both harbor arms.
- 77<sup>th</sup> leading U.S. port with 6.3M tons of material shipped or received in 2008.
- Interconnected with 65 commercial ports: ships cargo to 27 ports, and receives cargo from 38 ports.
- 5,830 linear feet of rubblemound breakwater structures
- 2.5 miles of Federal Channel combined within the approach, outer harbor, and east and west arms.
- Major stakeholders include ArcelorMittal Steel, Tanco Terminals, and 29 other tenants - 14 of which are steel-related industries.

### Project Requirements

- Full channel width and depth was restored in 2008. The most recent USACE survey from May 2011 show that the harbor channel is substantially at the authorized project depth, except for the southwest corner of the East Harbor Arm (0.8' of shoaling).
- The rubblemound breakwater is the harbor's only protective structure. Most of the structure is in good condition. Only three sections, totaling 600 feet overall, require repair work.

### Consequences of Not Maintaining the Project

- Light loading: losses of between 0.5 and 1 feet of channel depth would result in increased transportation costs of between \$0.3M and \$1.1M annually.
- Bulk commodities that pass through Burns Harbor generate nearly \$511M annually in direct revenue which supports nearly 2,172 jobs.



- If the harbor was closed to commercial traffic, cargo would have to be transported by rail and truck. This would increase annual emission rates by over 122,072 tons of harmful particulate matter (PM-10), and increase external costs from railroad and trucking related accidents by \$8.1M due to higher traffic.

### Transportation Importance

- Commodities are iron ore, steel products, limestone, grain, chemicals, fertilizers, and coal. The port handles over 15% of all U.S. steel trade with Europe.
- ArcelorMittal's Burns Harbor facility is one of the largest steelmaking facilities in North America. It operates two blast furnaces, has a total raw steelmaking capability of 4.7M tons annually, and primarily serves the automotive industry. Principal products made are hot-rolled, cold-rolled and coated-sheet products. Other markets served include appliances, construction, office furniture and rail cars.
- The harbor provides safe refuge for inland river barges traveling between Gary Harbor, Indiana Harbor, and Calumet Harbor.
- These jobs generate over \$99M per year in personal income.

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

<b>Work Package</b>	<b>FY11 Requirement</b>	<b>FY11 Work Plan</b>	<b>FY12 Requirement</b>	<b>FY12 Appropriation</b>	<b>FY13 Requirement</b>	<b>FY13 President’s Budget</b>
Project Condition Surveys	169	169	172	172	176	176
Maintenance Dredging of Harbor Channel – Primary work package						
Maintenance Dredging of Harbor Channel – Backlog work package						
Structural Repair - Outer Breakwater (Completed by Gov’t Floating Plant)			2,940		2,980	
Maintenance Dredging NIPSCo	2,275		2,903		3,480	
Maintenance Dredging NIPSCo – Backlog work package						
<b>TOTALS</b>	<b>2,444</b>	<b>169</b>	<b>6,015</b>	<b>172</b>	<b>6,636</b>	<b>176</b>

**Congressional Interests**

- Representative Peter J. Visclosky, D-IN-1
- Senator Richard Lugar, R-IN
- Senator Dan Coates, R-IN