



## 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.
- Controlling depths are 30 feet in the approach channel, 28 ft. in the outer harbor, and 27 ft. in both harbor arms.
- 60<sup>th</sup> leading U.S. port with 8.95M tons of material shipped or received in 2006.
- Ranked 3<sup>rd</sup> in tonnage on Lake Michigan, and 9<sup>th</sup> in tonnage among all 62 Federal commercial harbors on the Great Lakes.
- 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 Arcelor, Mittal Steel, Tanco Terminals, and 29 other tenants - 14 of which are steel-related industries.

### Project Needs

- There is 140.K cubic yards of sediment in the outer basin, and the West Arm. Loss of depth in 2008 is 2.0 to 3.0 feet.
- Full channel width and depth should be restored by the end of 2008.
- The rubblemound breakwater is the harbor's only protective structure. Its current condition is good, after the substantial completion of a 10-year restoration effort. Only one remaining 900 foot section still requires repairs, which will be completed during 2008. Prior to this major repair effort, the breakwater was badly deteriorated, resulting in dangerous conditions within the harbor.



### Consequences of Not Maintaining the Project

- Light loading - loss of between 3 and 4 feet of channel depth due to shoaling and lake level results in increased transportation costs of between \$4.4M and \$6.8M annually.

### 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.
- Mittal Steel'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.
- Bulk commodities that pass through Burns Harbor generate nearly \$180.M annually in direct revenue which supports nearly 2,300 jobs.
- These jobs generate nearly \$84.M per year in personal income.

**U.S. Army Corps of Engineers Fiscal Year (FY) 2008, 2009 and 2010  
Burns Waterway Harbor, IN - Project Needs and President's Budget (\$1,000)**

<b>Work Package</b>	<b>FY08 Need</b>	<b>FY08 Allocation</b>	<b>FY09 Need</b>	<b>FY09 President's Budget</b>	<b>FY10 Need</b>	<b>FY10 Budget*</b>
Project Condition Surveys	152	152	160	160	165	
Maintenance Dredging of Harbor Channel – Primary work package	1,813	1,813	-	-	-	
Maintenance Dredging of Harbor Channel – Backlog work package	-	-	-	-	-	
Structural Repair - Outer Breakwater	1,715	1,715	-	-	-	
Maintenance Dredging NIPSCo – Backlog work package	1,265	1,712	2,370	0	-	
Advanced Maintenance Dredging NIPSCo – Backlog work package	-	-	-	-	-	
Maintenance Dredging NIPSCo – Primary work package					2,300	
<b>TOTALS</b>	<b>4,945</b>	<b>5,392</b>	<b>2,530</b>	<b>160</b>	<b>2,465</b>	

\*FY10 President's Budget will be available in February 2009.

**Congressional Interests**

- Representative Peter J. Visclosky, D-IN-1
- Senator Evan Bayh, D-IN
- Senator Richard G. Lugar, R-IN