



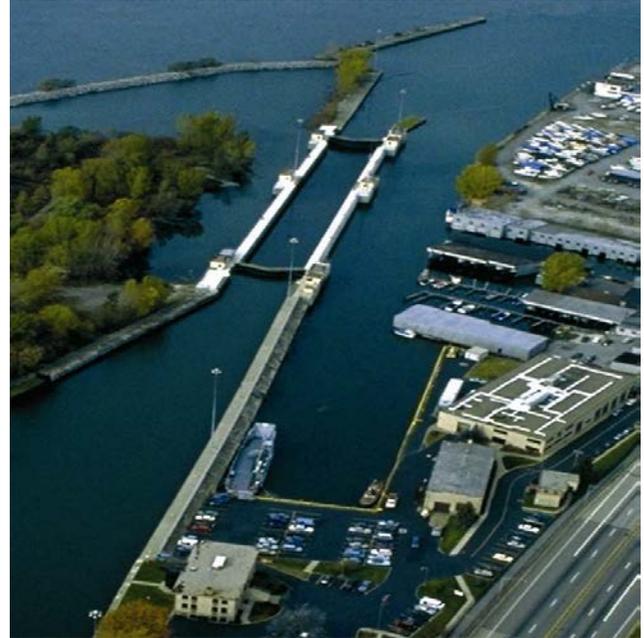
## Black Rock Lock and Tonawanda Harbor, NY

### Harbor Features

- Located on the Niagara River in the city of Buffalo, Erie County, New York
- Authorization: River & Harbor Acts of 1888, 1902, 1905, 1916, 1919, 1922, 1925, 1934, 1935, 1945 and 1954
- Deep draft commercial project
- The Black Rock Lock and Channel permit pleasure craft and commercial vessels to travel between Buffalo Harbor and Tonawanda Harbor
- The Black Rock Lock can accommodate pleasure craft and commercial vessels up to 625 feet long with drafts up to 21 feet
- Five year average (2008-2012) tonnage of 106k tons of material shipped and received
- The Bird Island Pier is approximately 2 miles long and forms the west side of the Black Rock Channel
- The Black Rock Channel is a 3.5 mile Federal channel connecting Buffalo Harbor and Black Rock Lock
- The Major stakeholders include U.S. Coast Guard, Marathon Ashland Petroleum, NOCO Energy Corp., United Refining Co., and NRG Huntley Power Plant

### Project Requirements

- In addition to routine operation and maintenance (O&M), critical requirements include the following: replacement of pintels, repair of lower west guide wall, and chamber resurfacing
- Maintenance dredging is conducted on an infrequent, as-needed basis. The Black Rock Channel was last dredged in 2009 when approximately 115,000 cubic yards (CY) of material was removed. GLRI funded strategic navigation dredging is scheduled for 2015



- A major rehabilitation of the Bird Island Pier was completed by the Buffalo District Floating Plant in 2013. Additional repairs are required to repair areas not addressed in 2013.

### Consequences of Not Maintaining the Project

- Failure to adequately fund routine O&M could result in total or temporary closure of the lock
- Elimination of the US connection to the Intercoastal Waterway from Lake Erie
- Inability for commercial and recreational vessels to reach destinations on the Upper Niagara River
- Failure to complete non-routine maintenance of aging components, will result in continued degradation and eventual failure of the components, and increased future maintenance costs

### Transportation Importance

- Asphalt is the primary commodity shipped or received through the lock
- With 1,591 lockages in 2013, the lock provided safe passage for 2,128 vessels (386 commercial and 1,742 recreational)

➤ The lock provides the only means for deep draft commercial vessels to reach delivery ports on the upper Niagara River; including fuel storage facilities and refinery

### U.S. Army Corps of Engineers Fiscal Year (FY) 2014, 2015 and 2016 Black Rock Lock and Tonawanda Harbor, New York Project Requirements and President's Budget (\$1,000)

Work Package	FY14 Requirement	FY14 Appropriation	FY15 Requirement	FY15 Appropriation	FY16 Requirement	FY16 President's Budget
Operation of Lock	1,765	1,747	1,556	1,556	1,125	1,125
Operational Routine Maintenance of Lock					605	605
E & D, Construction, Removal of Middle Gate	1,100	1,100				
E & D, Motor Control Center					50	
E & D, Bird Island Pier Reconstruction	300		300			
E&D Chamber Resurfacing	200		200		200	
Facility Security	100				55	
Replacement of Pintels					775	
Strategic Sustainability Performance Plan	150					
Structure Repair – Bird Island Pier (F/P)	625					
E & D, Lower W. Guide Wall Repair	250				300	
Periodic Inspection and Assessment			125	125		
<b>Other Business Lines:</b>						
Environmental Stewardship	5	5	5	5	5	5
<b>TOTALS</b>	<b>4,495</b>	<b>2,852</b>	<b>2,186</b>	<b>1,686</b>	<b>3,115</b>	<b>1,735</b>

### Congressional Interests

- Representative Brian Higgins D-NY-26
- Senator Kirsten Gillibrand D-NY
- Senator Charles Schumer D-NY