



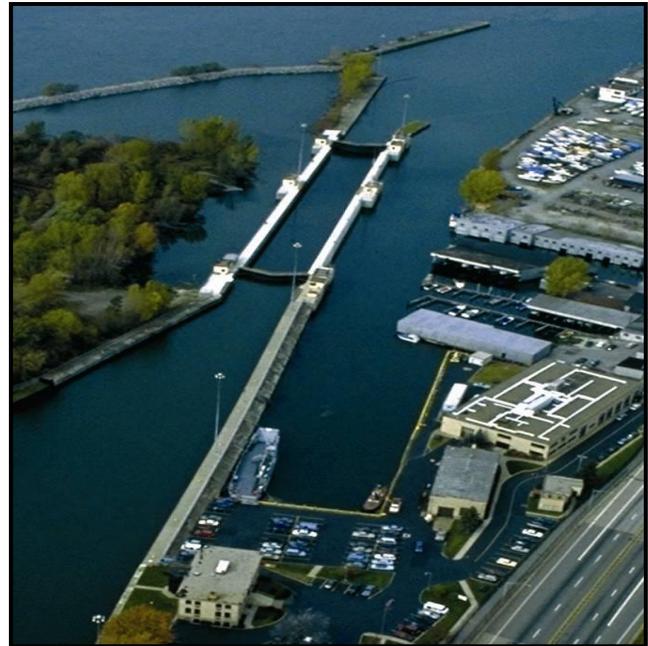
Black Rock Lock and Tonawanda Harbor, NY

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
- Project depths are 21 feet in the Niagara River channel and 16 feet in Tonawanda Harbor channels.
- The Black Rock Lock and channel permit recreational craft and commercial vessels to travel between Buffalo Harbor and Tonawanda Harbor.
- The Black Rock Lock can accommodate recreational craft and commercial vessels up to 625 feet long with drafts up to 21 feet.
- 143K tons of material shipped and received in 2015
- 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, Petroleum, NOCO Energy Corp., and United Refining Co.

Project Requirements

- In addition to routine operations 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 of material were removed. GLRI funded strategic navigation dredging was completed in 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

- Reduction of bulk commodities that pass through the harbor and generate \$56.3M annually in business revenue while supporting 246 direct, indirect, and induced jobs that produce over \$15M per year in personal income in transportation and commodity related industries.
- Failure to adequately fund routine O&M could result in total or temporary closure of the lock.
- Elimination of the U.S. 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 1,679 lockages in 2015, the lock provided safe passage for 2,314 vessels (296 commercial and 2,018 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) 2015, 2016 and 2017 Black Rock Lock and Tonawanda Harbor, New York Project Requirements and President's Budget (\$1,000)

Work Package	FY15 Requirement	FY15 Appropriation	FY16 Requirement	FY16 Appropriation	FY17 Requirement	FY17 President's Budget
Operation of Lock	1,556	1,556	1,125	1,125	1,200	1,200
Operational Routine Maintenance of Lock			605	605	580	580
E&D, Gate Anchorages Rehab					150	
E&D, Motor Control Center			50		50	
E&D, Bird Island Pier Reconstruction	300					
E&D Chamber Resurfacing	200		200		200	
Facility Security			55			
Replacement of Pintles			775		775	
Strategic Sustainability Performance Plan						
Structure Repair – Bird Island Pier (F/P)					500	
E&D, Lower W. Guide Wall Repair			300		300	
Periodic Inspection and Assessment	125	125				
Other Business Lines:						
Environmental Stewardship	5	5	5	5	5	5
TOTAL	2,186	1,686	3,115	1,735	3,760	1,785

Congressional Interests

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