

Great Lakes Navigation Business Line (Operations & Maintenance)
FY17 Final Appropriation – **With Workplan Additions**
Summary – 25 May 2017

Navigation O&M **\$154.5M [\$102.7M + \$51.8M]**

- \$48.4M Primary Dredging 3.9M cu yds [\$38.4M + \$10M / 3.2M + 0.73M Workplan Additions]
 - Ashtabula Harbor \$1.25M
 - Channels in Lake St. Clair \$1.4M
 - Cleveland Harbor \$2.8M + \$1.8M
 - Detroit River \$1.5M
 - Duluth-Superior \$3.06M
 - Fairport Harbor \$1.7M
 - Grand Haven Harbor \$0.5M
 - Green Bay Harbor \$3.5M
 - Holland Harbor \$0.65M
 - Indiana Harbor \$4.367M
 - Saginaw River \$3.2M
 - Sandusky Harbor \$1.618M
 - Toledo Harbor \$5.3M reduced to \$4.8M
 - Calumet \$0.38M Dredging E&D
 - Buffalo Harbor \$1.6M + \$0.35M
 - Burns Harbor \$1.6M
 - Keweenaw Waterway \$0.882M
 - St. Joseph Harbor \$0.75M
 - Sturgeon Bay \$0.8M
 - Waukegan Harbor \$1.58M
 - Inland Route \$0.615M
 - Leland Harbor \$0.50M
 - Little Lake Harbor \$0.54M
 - Saxon Harbor \$0.575M
 - Barcelona Harbor \$0.675M
 - Dunkirk - \$1.19M
 - Great Sodus Bay - \$0.83M
 - Little Sodus Bay - \$0.95M
 - Toussaint River - \$0.74M
 - West Harbor - \$1.02M
 - Wilson Harbor - \$0.725M

- \$4.4M Calumet Harbor Rock Removal - \$4.4M

- \$8.86M Dredged Material Management
 - \$4.67M CDF – Operations (Calumet, Cleveland, Indiana, Saginaw)
 - \$2.72M CDF Maintenance (Buffalo, Indiana, Monroe, Saginaw)
 - \$0.6M CDF Fill Management (Calumet)
 - \$0.1M DMMP (Calumet)
 - \$0.09M Indiana Harbor CDF Dam Safety
 - \$0.68M Dredged Material Management (Cleveland)

- \$18.6M Lock Operation & Maintenance (Black Rock, Chicago, Soo)

- \$9.3M Project Condition Surveys

- \$6.4M Strike Removal (Detroit River, St. Clair, St. Marys River)

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(cont'd)

\$9.6M Soo Locks Asset Renewal

\$2.9M Poe Miter and Quoin Blocks replacement
\$3.0M West Center Pier Repair
\$0.9M Replace Stoplog Lifting Beams
\$2.5M MacArthur Lock embedded anchorages Gates 2 and 5 repair
\$0.3M Steamplant Replacement design

\$2.285M Chicago Lock – Dockwall stabilization along N. Pier

\$32.8M Structure Repair

\$1.1M St. Marys Rock Cut repair
\$0.25M Cleveland west breakwater design
\$6.05M Chicago Harbor – NE Breakwater Crib stabilization
\$0.50M Grand Haven South Pier repair
\$4.0M Buffalo Harbor – South Breakwater repair
\$0.25M Buffalo Harbor – North Breakwater Design
\$3.0M Conneaut Harbor – East Breakwater end section repair
\$2.9M Lorain Harbor – Outer Breakwater repair
\$2.3M Milwaukee Stone Dock repair
\$4.9M Oswego – West Arrowhead Breakwater repair
\$6.25M Portage Lake Revetment repair
\$0.5M Two Rivers – Temporary Breakwater repair
\$0.8M Saxon Harbor – Structure repair

\$10.8M Floating Plant Repair Fleet (Ashtabula, Burns, Calumet, Cleveland, Duluth-Superior, Indiana, Milwaukee)

\$0.8M Lake Michigan Diversion Accounting

\$0.25M Regional Economic Data (Cleveland)

\$2.0M Joint Costs – Soo Security and Grounds Maint

RED – Added in FY17 Final Workplan Allocation

*Note: Toledo funding was reduced in the FY17 Final Workplan from \$5.905M in the FY17 President's Budget to \$5.405M in the FY17 final Workplan. The reduced number is reflected above.