

US Army Corps of Engineers
 Great Lakes Navigation Business Line
 FY24 President's Budget
 March 9, 2023

Navigation O&M **\$274.5M**

\$67.2M	Primary Dredging 3.05M cu yds
	\$1.65M Alpena Harbor
	\$1.12M Black River (Port Huron)
	\$1.57M Burns Harbor
	\$3.37M Calumet Harbor and River
	\$2.20M Channels in Lake St. Clair
	\$8.53M Cleveland Harbor
	\$2.08M Conneaut Harbor
	\$3.26M Detroit River
	\$4.39M Duluth-Superior Harbor
	\$0.96M Grand Haven Harbor
	\$2.90M Green Bay Harbor
	\$1.53M Holland Harbor
	\$4.09M Indiana Harbor
	\$1.85M Keweenaw Waterway
	\$2.96M Lorain Harbor
	\$1.12M Michigan City Harbor
	\$2.85M Monroe Harbor
	\$1.07M Presque Isle Harbor
	\$1.83M Rouge River
	\$2.87M Saginaw River
	\$1.12M Sandusky Harbor
	\$1.91M St. Clair River
	\$1.01M St. Joseph Harbor
	\$3.21M St. Marys River
	\$6.33M Toledo Harbor
	\$1.47M Waukegan Harbor
\$11.32M	Project Condition Surveys
\$26.9M	Lock Operation and Maintenance
	\$2.22M Black Rock Lock
	\$3.56M Chicago Lock
	\$0.06M Inland Route
	\$21.06M Soo Locks
\$3.10M	Black Rock Lock Asset Renewal
	\$3.00M Installation of Upper Miter Gates
	\$0.10M Design of Chamber Resurfacing
\$2.66M	Chicago Lock Asset Renewal
	\$2.50M Relocation of Utility Power Feed
	\$0.16M Replacement of Communications System

\$68.2M	Soo Locks Asset Renewal/Maintenance
	\$37.00M Design and Procurement of Marine Lifting Equipment
	\$12.00M Design and Construction for Rehab of North Side of West Center Pier
	\$6.00M Design and Construction of Poe Lock Dewatering Emergency Bulkhead
	\$3.00M West Center Pier Safety, Security, and Lighting Replacement
	\$2.70M Construction of Poe Lock Stop Log Recess Repairs
	\$2.30M Condition and Functionality Assessment of St Marys River Ice Islands
	\$2.00M Design/Repair of Gate 3 Structural Defects
	\$1.10M Improvements to Facilities Sustainment Management System
	\$0.98M Disposal of Sabin and Davis Lock Gates
	\$0.75M Design for Rehab of South Side of West Center Pier
	\$0.32M Rehab of Facility Service Access Road
\$13.4M	Floating Plant Fleet Repair (Calumet, Cleveland, Conneaut, Duluth-Superior, Fairport, Milwaukee, Two Harbors)
\$7.81M	Strike Removal
	\$3.15M Detroit River
	\$0.64M St. Clair River
	\$4.02M St. Marys River
\$13.95M	Dredged Material Management
	\$2.79M CDF Fill Management (Calumet, Duluth, Milwaukee)
	\$5.81M CDF Maintenance (Detroit, Indiana, Saginaw, St. Clair)
	\$5.04M CDF Operations (Cleveland, Indiana, Saginaw)
	\$0.30M Dredged Material Management Plan and Assessment (Green Bay)
\$51.3M	Structure Design, Maintenance, and Repairs
	\$0.20M Barcelona Harbor – Design of West Breakwater Grouting Repairs
	\$0.01M Cheboygan Harbor – Critical Breakwater Safety Maintenance
	\$5.00M Chicago Harbor – Construction of Eastern Outer Breakwater Repairs
	\$4.50M Chicago Harbor – Design and Construction of Extension Breakwater
	\$0.80M Chicago Harbor – Construction of Power Distribution Upgrades
	\$0.25M Fairport Harbor – Design of West Breakwater Repair
	\$0.30M Great Sodus Bay Harbor – Design of East Breakwater Repair
	\$2.00M Kewaunee Harbor – Design and Construction of South Harbor Wall
	\$0.25M Lorain Harbor – Design of West Breakwater Repair
	\$12.00M Manitowoc Harbor – Construction of North and South Breakwater Repairs
	\$10.0M Oswego Harbor – Construction of Outer West Breakwater Repair
	\$16.00M Vermillion Harbor – Design and Construction of East and West Pier Repairs
\$0.85M	Sediment Sampling & Analysis (Erie, Manistique, Marquette, Ogdensburg, Two Rivers)
\$0.96M	Real Estate Management for Navigation
\$0.43M	Regional Navigation Structures Historic Report

\$0.22M	Environmental Compliance (Black Rock Channel, Calumet, Chicago, Cleveland, Detroit, Duluth-Superior, Grand Haven, Indiana, St Marys River, Toledo)
\$0.24M	Cultural Resources (Black Rock Lock, Detroit, Duluth-Superior, Grand Haven, Kewaunee, Keweenaw, St Marys River)
\$0.60M	Dam/Bridge Safety (Charlevoix, Chicago, Indiana, St Marys River)
\$3.08M	St. Marys River/Soo Locks Security and Grounds (Estimated Nav Business Line Portion)
\$1.18M	Lake Michigan Diversion – Water Management
\$0.25M	Ice Study for Soo Locks Operating Season
\$0.12M	Harbor Structure Maintenance Plan (Cleveland)
\$0.27M	Breakwater Assessment Team
\$0.27M	Regional Economic Data Collection
\$0.24M	Industrial Hygiene Services (Detroit, Duluth-Superior, St. Marys River)

Other Great Lakes Funding

General Investigations

\$0.60M	Menominee Harbor Deepening – Continuation Feasibility Study (Navigation)
\$0.20M	Interbasin Control of Great Lakes - Mississippi River Aquatic Nuisance Species (Aquatic Ecosystem Restoration/Environmental Stewardship)
\$3.0M	Great Lakes Coastal Resiliency Study (Flood and Coastal Storm Damage Reduction)
\$0.50M	Southeast Michigan Flood Study (Flood and Coastal Storm Damage Reduction)
\$0.50M	Tittabawassee, Chippewa, Pine, and Tobacco River Flood Study, MI (Flood and Coastal Storm Damage Reduction)

Construction General

\$1.5M	Presque Isle, PA Beach Nourishment (Flood and Coastal Storm Damage Reduction)
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