

US Army Corps of Engineers
 Great Lakes Navigation Business Line
 FY21 Final Appropriation – **With Workplan Additions**
 January 2021

Navigation O&M \$107.62M + \$103.24M = \$210.86M

\$48.62M	Primary Dredging 3.69M cu yds (\$37.55M + \$11.07M / 3.12M cu yds + 0.57M cu yds)
	\$1.09M Ashtabula Harbor
	\$1.35M Burns Harbor
	\$3.22M Calumet Harbor
	\$7.58M Cleveland Harbor (\$6.45M + \$1.13M)
	\$0.91M Conneaut Harbor
	\$3.13M Detroit River
	\$2.35M Duluth-Superior Harbor
	\$1.60M Erie Harbor
	\$2.63M Green Bay Harbor
	\$1.32M Huron Harbor
	\$2.34M Indiana Harbor
	\$1.29M Rochester Harbor
	\$1.13M Rouge River
	\$2.70M Saginaw River (\$2.63M + \$0.07M)
	\$1.05M Sandusky Harbor
	\$5.06M Toledo Harbor
	\$2.13M Channels in Lake St Clair
	\$1.66M Grand Haven Harbor
	\$1.63M Holland Harbor
	\$1.41M Fairport Harbor
	\$1.69M Lorain Harbor
	\$1.35M Waukegan Harbor
\$9.93M	Project Condition Surveys
\$23.47M	Lock Operation & Maintenance
	\$1.98M Black Rock Lock
	\$3.35M Chicago Lock
	\$18.14M Soo Lock
\$4.50M	Black Rock Lock Asset Renewal – Upper and Lower Miter Gate Fabrication
\$12.55M	Floating Plant Repair Fleet (Ashtabula, Buffalo, Burns, Calumet, Chicago, Cleveland, Duluth-Superior, Keweenaw, Sturgeon Bay)
\$7.22M	Strike Removal
	\$2.86M Detroit River
	\$0.58M St. Clair
	\$3.78M St. Marys River
\$10.44M	Dredged Material Management (\$5.94M + \$4.5M)
	\$4.68M CDF Operations (Cleveland, Indiana)
	\$0.45M CDF Maintenance (Indiana)
	\$0.66M CDF Fill Management (Calumet)
	\$0.15M Dredged Material Management Plan (Keweenaw, Manistowoc)
	\$0.35M Pointe Mouillee CDF Maintenance (Detroit)
	\$3.55M CDF Maintenance (Cleveland)
	\$0.33M Upper Saginaw CDF Operations (Saginaw)

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	\$0.27M	CDF and DMDF Maintenance (Saginaw)
\$34.84M		Structure Design, Maintenance, Repairs
	\$13.5M	North breakwater repair Phase 1 – Buffalo Harbor
	\$10.5M	Construction west breakwater repair – Cleveland Harbor
	\$3.00M	Detached breakwater repairs – Kenosha Harbor
	\$0.40M	Design for breakwater repairs – Milwaukee Harbor
	\$3.95M	South breakwater repairs – Port Washington Harbor
	\$1.50M	Complete breakwater repairs Phase 2 – Sheboygan Harbor
	\$0.04M	Design of repairs to north breakwater – Sturgeon Bay Harbor
	\$1.95M	North breakwater repairs – Waukegan Harbor
\$32.00M		Soo Locks Asset Renewal
	\$6.50M	Construction of raceway for lock power feeders
	\$14.25M	Medium tugboat – St. Marys strike removal
	\$6.50M	Critical repairs to Gate 1
	\$1.00M	Design for facility sanitary sewer rehabilitation
	\$2.50M	Repair and replace miter gate anchorage components for Poe Lock
	\$1.25M	Aquadigger outfitting – St. Marys River strike removal
\$20.23M		Chicago Lock Asset Renewal
	\$5.80M	Chamber walls resurfacing, Phase 3 of 4 (Southeast)
	\$0.63M	Switchgear for backup generator
	\$5.80M	Chamber walls resurfacing, Phase 4 of 4 (Southwest)
	\$8.00M	Lock chamber floor repairs
\$0.60M		Kewaunee Office - Demolition and Buildings & Grounds Maintenance
\$0.25M		Regional Economic Data Collection (Cleveland)
\$0.15M		Breakwater Assessment Team (Duluth-Superior)
\$1.17M		Lake Michigan Diversion Accounting
\$0.82M		Real Estate Management for Navigation
\$0.15M		Environmental Compliance (Calumet, Chicago, Indiana, Erie, St. Marys)
\$0.46M		Dam Safety (Chicago, Indiana, St. Marys)
\$0.22M		Cultural Resources Management and Curation for Navigation (Detroit, Duluth-Superior, Grand Haven, Kewaunee, Keweenaw, St. Marys)
\$0.44M		Operation and Maintenance for Navigation Visitor Center Support (Duluth-Superior, St. Marys)
\$2.80M		St. Marys Security and Grounds (Nav Business Line portion)

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Navigation Construction General \$139.22M + **\$46.54M = \$185.76M**

\$169.76M New Soo Lock (\$123.22M + **\$46.54M**)

\$16M Calumet CDF