

US Army Corps of Engineers
 Great Lakes Navigation Business Line
 FY20 Final Allocation – **With Workplan Additions**
 February 2020

Navigation O&M \$91.1M + \$55.8M = \$146.9M

\$37.34M	Primary Dredging 2.61M cu yds (\$27.8M + \$9.5M / 2.36M cu yds + 0.255M cu yds)
\$1.18M	Burns Harbor
\$6.75M	Cleveland Harbor (\$5.75M + \$1.0M)
\$2.00M	Detroit River
\$3.00M	Duluth-Superior
\$0.60M	Grand Haven
\$3.00M	Green Bay Harbor
\$3.25M	Indiana Harbor
\$2.00M	Saginaw Harbor
\$0.88M	Sandusky Harbor
\$0.80M	St. Clair River
\$6.55M	Toledo Harbor (\$4.0M + \$2.55M)
\$1.37M	Waukegan
\$0.70M	Holland Harbor
\$1.30M	Manistique Harbor
\$1.33M	Monroe Harbor
\$0.80M	Vermillion Harbor
\$0.73M	Kenosha Harbor
\$1.10M	Ontonagon Harbor
\$9.65M	Project Condition Surveys
\$20.12M	Lock Operation & Maintenance
\$2.04M	Black Rock Lock
\$3.07M	Chicago Lock
\$15.0M	Soo Locks
\$12.51M	Floating Plant Repair Fleet (Burns, Calumet, Cleveland, Conneaut, Duluth-Superior, Fairport, Milwaukee, Two Harbors, St. Marys)
\$6.83M	Strike Removal (Detroit River, St. Clair, St. Marys River)
\$11.42M	Dredged Material Management (\$5.98 + \$5.44M)
\$4.69M	CDF Operations (Cleveland, Indiana, Saginaw)
\$0.65M	CDF Maintenance (Indiana)
\$0.64M	CDF Fill Management (Calumet)
\$3.50M	CDF Repairs (Buffalo Harbor)
\$0.64M	CDF Repairs (Manitowoc Harbor)
\$0.10M	CDF Design Deficiency Report (Buffalo Times Beach CDF)
\$0.80M	Dredged Material Management Plans (Ashtabula, Conneaut, Fairport, Huron, Lorain, Sandusky, Toledo)
\$0.40M	Predesign Assessment of Island 18

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\$20.3M	Structure Design, Maintenance, Repairs
\$0.10M	Evaluate South and Old Breakwaters - Buffalo
\$0.50M	Repair South Breakwater Connector – Manistee Harbor
\$4.50M	Repair East Breakwater – Great Sodus Harbor
\$3.00M	Repair East Breakwater/West End – Cleveland Harbor
\$4.00M	Repair N. Pier – Duluth-Superior Harbor
\$6.00M	Repair Vessel Yard Structure – Duluth-Superior Harbor
\$2.20M	E&D and Repair East Pier – Vermillion Harbor
\$16.915M	Soo Lock Maintenance, Repairs (\$2.6M + \$14.315M)
\$2.60M	Poe Lock Gate 1 Repairs
\$0.50M	Poe Lock Gate 1 Sill Repairs
\$8.00M	Acquisition of Aquadigger to replace Nicolet for Strike Removal
\$0.665M	Replacement of Davis Building and Boathouse Roof
\$4.40M	Design and replace Harvey crane
\$0.25M	Removal of red tagged stiff leg crane structure
\$0.50M	Coordination and development of inwater placement of dredged material
\$2.0M	Black Rock Lock Repairs – Replace gate diagonal and pintle
\$5.86M	Chicago Lock Maintenance
\$4.94M	Chamber wall resurfacing
\$0.72M	Security lighting, cameras, alarms
\$0.2M	Sector gates reliability study
\$0.25M	Regional Economic Data Collection (Cleveland)
\$0.25M	Breakwater Assessment Team (Duluth)
\$0.86M	Lake Michigan Diversion Accounting
\$0.79M	Waterway Safety Signs (Soo)
\$0.56M	Sediment Sampling Analysis (Ashtabula, Burns, Conneaut, Waukegan, Lorain, Vermillion) (\$0.4M + \$0.16M)
\$0.11M	Environmental Compliance (Calumet, Indiana, Sandusky, St. Marys)
\$0.36M	Dam Safety (Indiana Harbor, St. Marys, Chicago Lock) (\$0.17 + \$0.19M)
\$2.67M	St. Marys River Grounds and Security (Nav Business Line portion)

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Navigation Construction General **\$75.33M + \$62.5M = \$137.63**

\$125.33M New Soo Lock (\$75.33M + \$50M)

\$12.3M Indian Harbor CDF (HMTF reimbursed)