

US Army Corps of Engineers
 Great Lakes Navigation Business Line
 FY18 Final Allocation – **With Workplan Additions**
 June 2018

Navigation O&M \$108.3M + \$55.2M = \$163.5M

\$55.63M	Primary Dredging 4.46M cu yds (\$37.86M + \$17.77M / 3.0M cu yds + 1.46M cu yds)
\$2.18M	Burns Harbor
\$1.52M	Calumet Harbor
\$4.60M	Cleveland Harbor (\$3.3M + \$1.3M)
\$1.65M	Conneaut Harbor
\$3.12M	Duluth-Superior Harbor
\$1.10M	Grand Haven Harbor
\$3.50M	Green Bay Harbor
\$1.60M	Holland Harbor
\$5.58M	Indiana Harbor
\$0.66M	Manistee Harbor
\$0.65M	Monroe Harbor
\$3.20M	Saginaw River
\$1.65M	Sandusky Harbor
\$0.77M	St. Joseph Harbor
\$5.38M	Toledo Harbor
\$2.00M	Waukegan Harbor
\$0.23M	Arcadia Harbor
\$1.35M	Ashtabula Harbor
\$0.42M	Au Sable Harbor
\$0.25M	Big Bay Harbor
\$0.27M	Bolles Harbor
\$0.33M	Caseville Harbor
\$1.00M	Channels in Lake St. Clair
\$0.40M	Frankfort Harbor
\$1.25M	Huron Harbor
\$0.90M	Keweenaw Waterway
\$0.27M	Lexington Harbor
\$2.50M	Lorain Harbor
\$0.28M	New Buffalo Harbor
\$1.50M	Ontonagon Harbor
\$0.27M	Pentwater Harbor
\$0.23M	Port Sanilac Harbor
\$1.00M	Milwaukee Harbor
\$0.80M	Rouge River
\$0.38M	Saugatuck Harbor
\$0.37M	South Haven Harbor
\$0.80M	Sturgeon Bay
\$1.05M	Two Rivers Harbor
\$0.31M	White Lake Harbor
\$0.31M	Whitefish Point Harbor

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\$11.32M	Dredged Material Management
\$4.90M	CDF Operations (Cleveland, Indiana, Saginaw)
\$4.75M	CDF Maintenance (Buffalo, Detroit River, Indiana, Saginaw)
\$0.62M	CDF Fill Management (Calumet)
\$1.05M	DMMP (Cleveland, Toledo, Calumet \$0.4M)
\$19.58M	Lock Operation & Maintenance (Black Rock, Chicago, Soo)
\$15.82M	Soo Locks Asset Renewal (\$8.90M + \$6.92M)
\$3.30M	Mac Lock Embedded Anchorages
\$2.25M	Mac Lock Stop Log Repairs
\$3.05M	West Center Pier Rehab
\$0.30M	Davis Pump Well Design
\$5.00M	Mac Lock Bulkhead Fabrication
\$0.40M	Mac Lock Ship Arrestor Boom Rehab
\$0.42M	Miter Gate Pendants
\$0.30M	Poe Lock Gate 1 Design
\$0.50M	Emergency Power Generator Replacement Engineering & Design (E&D)
\$0.30M	Emergency Flow Lock Closure Measures E&D
\$0.22M	Chicago Lock Maintenance
\$0.22M	Site Lighting Replacement/Upgrade
\$0.10M	Black Rock Lock Maintenance
\$0.10M	Lock Chamber Resurfacing
\$21.79M	Structure Repair
\$0.45M	Ashland Harbor – Structure Repair
\$2.50M	Buffalo Harbor – Structure Repair
\$4.38M	Burns Harbor – Structure Repair
\$4.68M	Chicago Harbor – Structure Repair
\$6.50M	Cleveland Harbor – Structure Repair
\$0.20M	Cornucopia Harbor – Structure Repair E&D
\$2.83M	Michigan City Harbor – Structure Repair
\$0.25M	Two Harbors – Structure Repair
\$6.70M	Rock Removal (Calumet Harbor)
\$9.57M	Project Condition Surveys
\$11.16M	Floating Plant Repair Fleet (Calumet, Cleveland, Duluth-Superior, Indiana, Burns, Milwaukee, Conneaut, Fairport)
\$6.44M	Strike Removal (Detroit River, St. Clair, St. Marys River)
\$1.1M	Lake Michigan Diversion Accounting

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\$0.25M	Regional Economic Data Collection (Cleveland)
\$0.25M	Breakwater Assessments (Duluth-Superior)
\$2.06M	St. Marys River Grounds and Security (Nav Business Line portion)
\$0.79M	Waterway Safety Signage (Soo)
\$0.025M	Critical Breakwater Safety Maintenance (Keweenaw)
\$0.20M	Sediment Analysis (Toledo)
\$0.20M	Government Duluth Vessel Yard E&D Structure Repair
\$0.30M	Duluth Facility Security Maintenance

Navigation Construction General **\$115.18**

\$57.58M	Soo Locks Major Rehabilitation (CG Funding)
\$42.0M	Poe and Davis Pump Well System
\$4.20M	Poe Lock Ship Arrestors
\$5.20M	Mac Lock Tainter Valve
\$6.20M	Poe Lock Bulkheads