



**US Army Corps  
of Engineers**  
St. Louis District

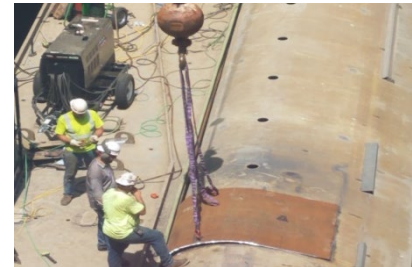
## Mississippi River Between Missouri River and Minneapolis, Minnesota (Upper River)

Rivers and Harbors Act of 1930, as amended Public Resolution No. 10 (1932)

### Operation and Maintenance (NAV)

**Location and Description:** Project area extends from the mouth of the Missouri River at St. Louis upstream to Lock and Dam 22 tail water, includes 105 miles of river and 50,000 acres of public lands. The project provides a nine-foot navigation channel via a system of locks and dams; channel maintenance; dike and revetment; dredging; environmental stewardship responsibility as well as land and water-based recreational opportunities.

- FY 2020 Allocation \$27,605k, FY 2020 President’s Budget \$25,159k (baseline service level \$22,159k)
  - Operate and maintain project
  - Replacement of miter gate anchorages at L24 and L25 funded, critical high risk backlog repair.
  - Award 5-year IDIQ contract to Rehab dam piers at Lock & Dam 24, \$40M of regionally prioritized critical backlog
  - Complete non-routine repairs to prioritized backlog to include bulkhead repairs, replacement of bulkhead crane at L25, and upgrades to computerized lock control systems.



*Mel Price Lock liftgate, unscheduled closures for emergency repairs with high economic impact to shipping industry*



*Locks 24/25 gate anchorage replacement, critical fatigue failure mode, identified as very high risk to waterway and economy.*

- Activities after FY 2020 (top items listed)
  - Operate and maintain project.
  - Upstream Liftgate at Mel Price remains high risk of closure to navigation, numerous emergency closures for remedial repairs, \$21M critical backlog repair
  - Critical routine maintenance to river training structures and bank line revetments reduced in FY20 Program



*Lock 24 Dam Pier Rehab to include replacement of failing Gate Hoist Chains, Rehab of Bridge, and Repairs to Gates; \$40M critical backlog scheduled for award in FY20.*

- Status
  - Commercial products passing through the project in FY 2017 were valued at an estimated \$22 billion.
  - Continued unscheduled closures at Mel Price due to chronic liftgate structural failure issues.
  - Levels of public service reduced at National Great Rivers Museum due to funding decisions. Museum hosted more than 60,000 visits and continues to show a steady increase over the last 10 years.

VALUE TO NATION	
Latest Ton Miles	85,039,818,000
Latest Tonnage	68,114,000
Project Cost per Ton	\$0.27
FY15 Visitor Spending	\$92,585,000
FY15 Jobs Supported (Rec spending only)	3,148
Rec Area Management	36
Acres Managed	50,000

	FY17	FY18	FY19	FY20
- Federal Allocation	\$22,018k	\$47,711k	\$38,914k	\$27,605k
- Supplemental	\$ 4,600k*	\$0		\$0k
- 1% Emergency	\$0	\$0	\$0	\$0
-Non Appropriated Contributions	\$1,322k	TBD	TBD	TBD
- Total Visits	1,594,000	1,607,000	TBD	TBD

SAMPLE