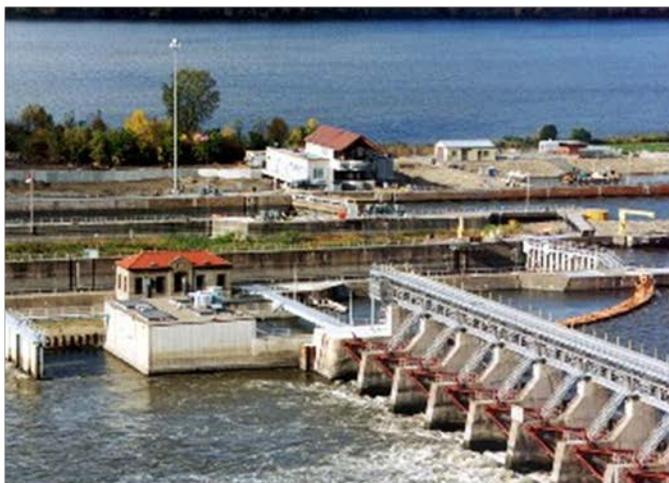




**US Army Corps
of Engineers**
St. Paul District

Information Paper

Navigation: Upper Mississippi River 9-Foot Project Locks and Dams, Minnesota/Wisconsin/Iowa



Lock and Dam 2 at Hastings, Minnesota.

Contact

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Location/Description

The St. Paul District is responsible for maintaining 244 miles of the Upper Mississippi River 9-foot channel navigation system from the head of navigation in Minneapolis, Minnesota, to Guttenberg, Iowa. The project is located in or contiguous to Minnesota, Wisconsin and Iowa. The navigation project within the St. Paul District includes 13 locks and dams that are operated and maintained by the U.S. Army Corps of Engineers. In addition to the locks and dams the project includes channel maintenance, recreation and natural resource activities.

Annually, approximately 15 million tons of cargo travels through the St. Paul District. The system's infrastructure is comprised of 10 lock chambers 600 feet long, 3 lock chambers 400 feet long, 170 dam gates, 8 fixed crest spillways, and 16 miles of embankments acting as dams. Each lock chamber includes two sets of operable steel gates controlling entry to and exit from the lock.

Status

In FY16, operations and maintenance funding was used to accomplish the following activities necessary to maintain navigation:

- Lock and Dam 2, award contract to replace miter gates at Lock 2 (installation to be completed in 2018)
- Lock and Dam 5A, award contract to repair dam embankment (work to be completed in 2017)
- Lock and Dam 7, awarded contract to install sheetpile in auxillary chamber (work to be completed in 2017)
- Lock and Dam 9, major maintenance and dewatering of the lock

In FY17 we will:

- Award contract for guidewall repairs at Locks and Dams 5, 6, 8 & 9;
- Award contract for rehabilitation of tainter gate at Upper St. Anthony Falls Lock and Dam;

The following are critical maintenance projects that could be completed once funded:

- Tow haulage rail system rehabilitation at Locks and Dams 5, 6, 8 & 9;
- Permanent closure in auxiliary chambers at Locks and Dams 5A;
- Paint dam bridge and gates at Lock and Dam 5 & 5A;
- Acquire replacement miter gates for Lock 8;
- Repair guidewall crib and rehabilitate tow haulage rail system at Lock and Dam 4.

Authority

The project was authorized as part of the Rivers and Harbors Act approved July 3, 1930. The act authorized the construction, repair, and preservation of public works on river and harbors, and for other purposes.

Fiscal

Operation and maintenance of the project is funded annually under the Corps Civil Works Operation and Maintenance appropriation. Mississippi River funding allocated to the St. Paul District in recent fiscal years has ranged from \$50 to \$60 million.