



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

# Information Paper

## Lock and Dam 25 New 1200-ft Lock Construction (NAV)



**Figure 1: Depiction of New 1200' Lock**

### Contact

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### Location

Lock and Dam 25 is located in Calhoun County, Illinois, and Lincoln County, Missouri, at approximately Mile 241.4 on the Upper Mississippi River above the mouth of the Ohio River near Winfield, Missouri.

### Description

The Lock 25 – New 1200-ft Lock is one of seven new 1200-ft Lock Projects being implemented under the Navigation and Ecosystem Sustainability Program (NESP). Proposed project features for the Lock 25 – New 1200-ft Lock include construction of new 1200-ft, drilled-shaft founded, lock located in the auxiliary miter gate bay, and construction of an upstream, ported guard wall totaling 1200-ft, and a 650-ft downstream approach wall. The existing 600-ft lock remains in place and will become auxiliary lock chamber to be used primarily by recreation traffic. The project also includes associated channel work, relocations, and site-specific environmental mitigation.

### Status

The previously designed Phase 1 Contract for Lockwall Modifications was awarded in Fiscal Year (FY) 22, construction began in Spring of 2023, and work completed in March 2024. In FY23, the design was progressed from 15% to 35%. In FY24, the design progressed to 65%. To date in FY25, reviews of the 65% design were completed and the 95% design began, with anticipated completion of 95% design in June and 95% design reviews completed in FY26.

### Importance

The majority of the Upper Mississippi River locks were designed and constructed in the 1930's and the lock chambers are 600-ft long. Currently, the capacity of the Mississippi River navigation system is limited by the existing lock facilities on the Mississippi River. Tows must lock through using a two-step process, which takes approximately 1.5 to 2 hours, causing significant delays to navigation.

The new lock will significantly reduce lockage delays and increase overall safety for operating and towing personnel.

After construction of the new 1200-foot lock the 600-foot lock will become the axillary chamber and provide redundancy.

### Authority

WRDA 2007, TITLE VIII Upper Mississippi River and Illinois Water-Way System.

### Schedule

- New Start for Construction: FY22
- Phase 1 Construction Contract Award: FY22
- Bulkhead Contract Award: March 2024
- Phase 1 Construction Complete: March 2024
- Construction Operations Facilities Award: Sept 2024
- Downstream Cell Award: July 2025
- Design Complete: June 2026
- Construction Award: FY27
- Notice of Project Completion: FY37

### Activities for FY25

Funding available will be utilized to progress design to completion. In FY25, Draft Plans and Specifications will be completed in June 2025. Project's certified cost will be updated based on the 65% design. Other long lead time features are being designed, procured, and constructed.

### Activities after FY25

Progress design to completion in June 2026. The construction award for the entire lock project is expected to occur in FY27 with an estimated construction duration of 6.5 years if efficiently funded and without contingency. Additional funds are needed to maintain momentum on remaining work, to include construction.

### Project Sponsor/Customer

Not Applicable

### Congressional Interest

Senate: Durbin (IL), Duckworth (IL), Hawley (MO), Schmitt (MO)  
House: Bost (IL-12), Bush (MO-1), Graves (MO-6), Luetkemeyer (MO-3), Miller (IL-15), Smith (MO-8), Wagner (MO-2)

### Financial

Federal funding	\$2,263,062,000
Non-federal funding (cost shared with IWTF - TBD)	\$0
Total Project Cost	\$2,263,062,000

Federal Funds Allocated to Date	\$732,000,000
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