

RRAT TRIP 2023

NESP LOCK & DAM 25 UPDATE

John N. Puekert, RPA
Deputy District Engineer
for Programs & Project Management

14 September 2023



U.S. ARMY



US Army Corps
of Engineers®





U.S. ARMY



US Army Corps
of Engineers®

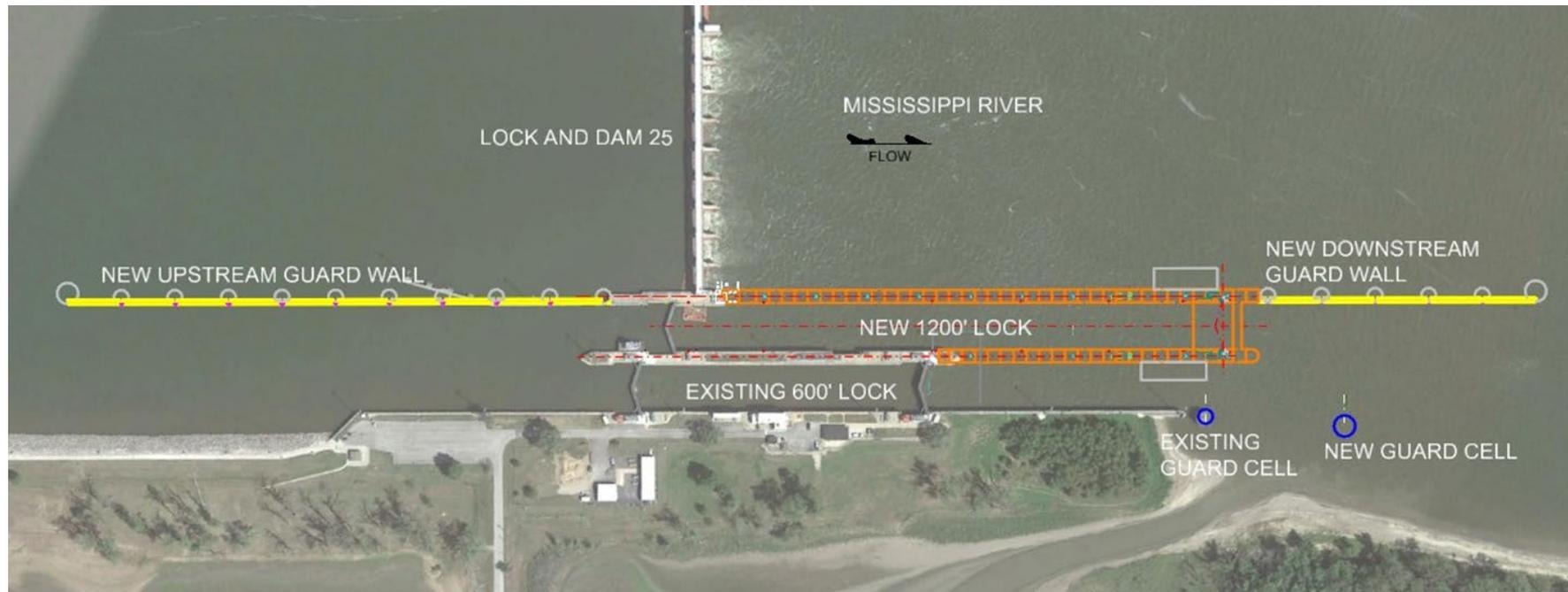


LOCK 25 PROJECT OVERVIEW

2

Project consists of design and construction of a new pile-founded 1200' lock chamber, which includes construction of:

- A new 1200' of riverwall
- A new 1200' upstream and 600' downstream guidewall
- A new 600' extension of the intermediate wall
- A new lock floor
- A new control house and associated facilities





U.S. ARMY

US Army Corps
of Engineers®

CURRENT STATUS

BLUF: The project is being delivered via Integrated Design and Construction (IDaC) a delivery method that integrates construction into the design process. Through IDaC, construction will occur while minimizing impacts and maintaining predictability for existing traffic.

- **Construction**

- Phase 1 Lockwall Modification contract is ongoing, schedule to be complete Spring 2024.

- **Design**

- Wrapping up the 35% Design Phase this November 2023.
- Scheduled to be complete June 2026.

- **Acquisition**

- Solicitation closes: 20 SEPT 2023
- ECI-IDaC Award: 22 MAR 2024
- Construction start: June 2026
- Lock in service: 2034



U.S. ARMY

US Army Corps
of Engineers®

NESP – ECOSYSTEM PROGRAM, MVS PORTION

Current Priorities

- First 2 construction contracts for MVS (Alton Pool Islands and Twin Islands) recently awarded in August 2023
- Continuing to lean forward to get projects in the queue for construction – currently working on 6 studies with 2 of them scheduled for approval in FY24
- MVS is leading the regional Systemic Water Level Management team, which has a high level of stakeholder interest (see below)

Active Projects

- Alton Pool Islands Twin Islands
- Moore's Towhead Systemic Mitigation (*Navigation*)
- MMR Stone Dike Alteration
- Denmark and Drift Island Complex
- Systemic Water Level Management
- Hausgen Island Side Channel Restoration
- Clarksville/Carroll Island Side Channel Restoration
- MMR National Wildlife Refuge

Recent & Upcoming Milestones

- | | |
|--|-------------|
| ➤ Contract Award - Moore's Towhead Systemic Mitigation | 14 Mar 2023 |
| ➤ Contract Award - Alton Pool and Twin Islands | 21 Aug 2023 |
| ➤ TSP - Denmark and Drift Islands | 22 Sep 2023 |
| ➤ TSP - MMR Stone Dike Alteration | 26 Oct 2023 |





U.S. ARMY



US Army Corps
of Engineers®



FY24 PROGRAM

Planning:

- MMR Stone Dike Alteration
- Denmark and Drift Island Complex
- Hausgen Island Side Channel Restoration
- MMR National Wildlife Refuge
- Clarksville/Carroll Island Side Channel Restoration
- Systemic Water Level Management

TSP Date:

- Nov 2023
- Sep 2023
- Aug 2024
- Aug 2024
- Aug 2024
- TBD

Design (start after TSP):

- MMR Stone Dike Alteration
- Denmark and Drift Island Complex

Construction:

- Moore’s Towhead Systemic Mitigation
- Alton Pool Islands
- Twin Islands

Construction Complete:

- May 2024
- Aug 2024
- Aug 2024