

NESP MISS RIVER LOCK 25 NEW 1200-FOOT LOCK & IWW LAGRANGE 1200-FOOT LOCK

INLAND WATERWAYS USERS BOARD MEETING NO. 98

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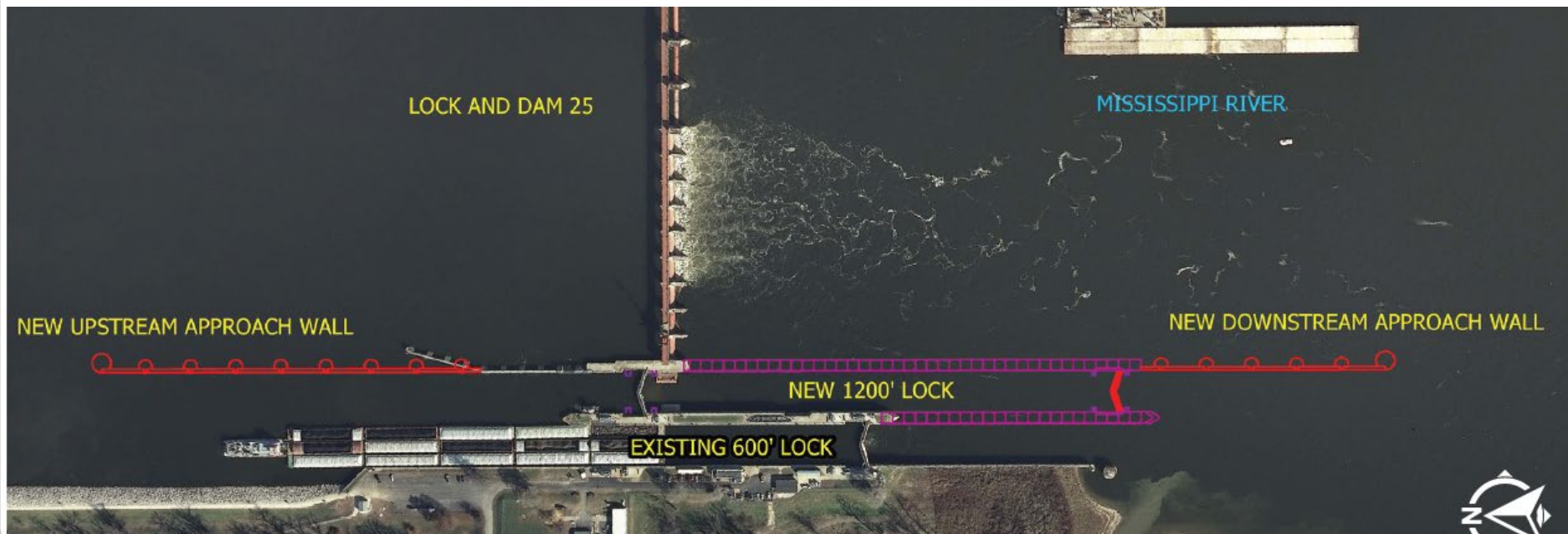


MISSISSIPPI RIVER LOCK 25 NEW 1200' LOCK: PROJECT OVERVIEW OF SCOPE



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

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





MISSISSIPPI RIVER LOCK 25 NEW 1200' LOCK: BLUF STATUS - SUMMARY DASHBOARD



PROJECT SAFETY



USACE Safety stats TBD

PROJECT STATUS SUMMARY



Schedule:

Schedule in development

Next Major Contract Award(s):

- Spring 2024 – Phase 2 ECI-IDaC

FINANCIAL STATUS SUMMARY



Financial Status Summary TBD

EXECUTIVE SUMMARY:

- Seeking Acquisition Plan Approval
 - Utilize Early Contractor Involvement (ECI)
 - Award base contract in Spring 2024
- PDT working on 35% Design Phase, scheduled for May 2023
- Advancing design of bulkhead supply contract
- Working alteration/relocation of MO State Highway N
- Leveraging ERDC and Nav Industry partners with Ship Simulator



MISSISSIPPI RIVER LOCK 25 NEW 1200' LOCK: KEY ACTIVITIES SUMMARY



#	Major Activities	Date Awarded	Last Reported Completion	Current Est.	Option Expires	% Complete
1	Lockwall Modification Contract	6 Sep 2022	13 Dec 2023	13 Dec 2023	N/A	0%
2	Bulkhead Supply Contract Award	[TBD]	[TBD]	[TBD]	[TBD]	[TBD]
3	HWY N Agreement Execution	[TBD]	[TBD]	[TBD]	[TBD]	[TBD]
4	ECI IDaC Contract – Preconstruction Phase	[TBD]	[TBD]	[TBD]	[TBD]	[TBD]
5	ECI IDaC Contract – Construction Phase	[TBD]	[TBD]	[TBD]	[TBD]	[TBD]

Commentary:

- Bulkhead design and supply contract effort being worked in parallel.
- Highway N is a road alteration that is required by the project, which will be completed by Missouri Department of Transportation (MoDOT).
- ECI IDaC Contract– Construction Phase: team determining contract options/early work packages.





MISSISSIPPI RIVER LOCK 25 NEW 1200' LOCK: FUNDING SUMMARY



FUNDING OVERVIEW:

- Funded \$732 million via the Bipartisan Infrastructure Law (BIL) – 100% Federal CG
- Allocated: \$22,049,437.58
- Obligated/Executed: \$15,093,360.27

COMMENTARY:

- NSTR

FISCAL YEAR FUNDING CAPABILITIES:

- Cost update ongoing
- Targeting a certified total project cost in winter of FY23





MISSISSIPPI RIVER LOCK 25 NEW 1200' LOCK: PROJECT DETAILS – PROGRESS AND CHALLENGES



- **Progress:** Phase 1 Lockwall Construction Contract
 - Awarded 6 September 2022
 - Notice to Proceed Issued 19 October 2022
 - ~\$10.1M Firm Fixed Price Contract
 - 14-month period of performance
- **Challenge:** Minimize impacts to navigation industry during lock construction
- **Mitigation Strategies:**
 - Early Contractor Involvement (ECI) will allow proper coordination between USACE, Navigation, and Construction Industry
 - Continued Navigation and Construction industry collaboration to inform intermediate wall design and operational capabilities
- **Challenge:** Construction Market Inflation and Labor/Material Availability
- **Primary Mitigation Strategy:** Early Contractor Involvement will allow proper coordination between USACE, Navigation, and Construction Industry



ILLINOIS WATERWAY LAGRANGE NEW 1200' LOCK



- Architect/Engineer design contract awarded to Stanley Consultants in FY22. Primary tasks include:
- Geotechnical investigations
 - Initial lock design
 - Hydraulic modeling
 - Aerial/site surveys
 - Cultural surveys
 - Real estate rights of entry
 - HTRW analyses
 - Physical model updates (Engineer Research and Development Center)



THANK YOU

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