

NESP LOCK 25 NEW 1200 FT LOCK AND LAGRANGE 1200 FT LOCK

INLAND WATERWAYS USERS BOARD MEETING #96

Andrew Goodall, P.E., P.M.P.
NESP Program Manager
U.S. Army Corps of Engineers
Rock Island District
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World-Class Delivery...
Real-World Impact!



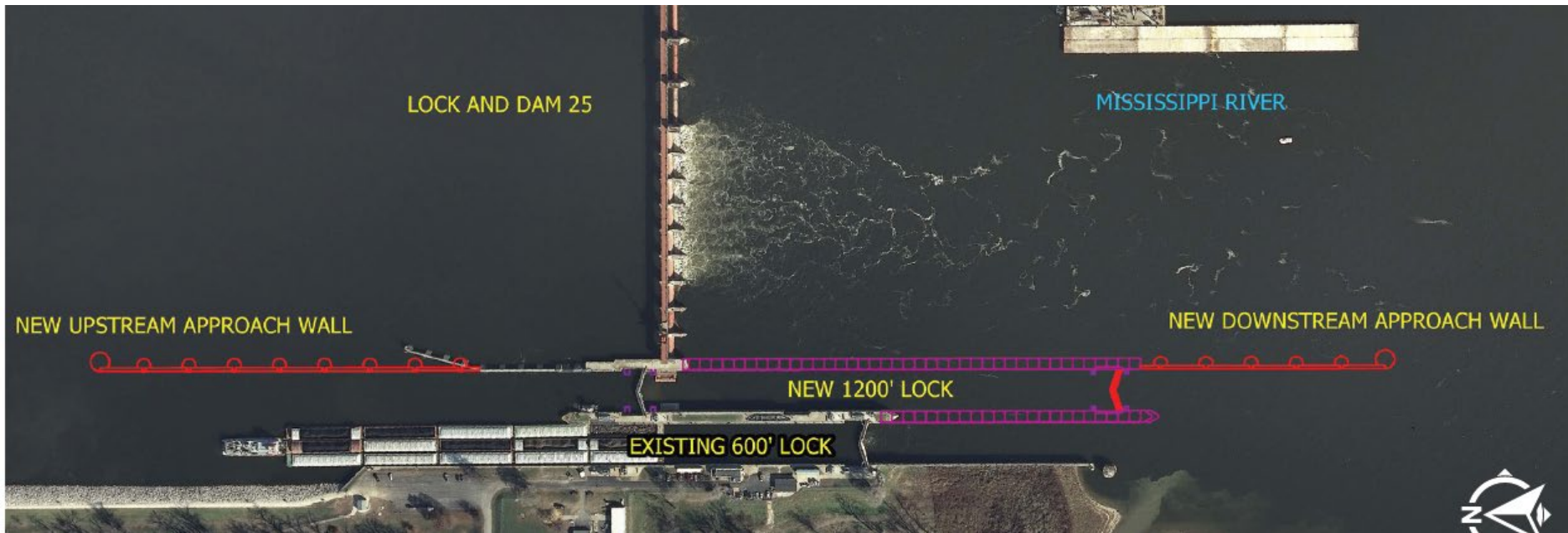
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PROJECT OVERVIEW OF SCOPE



- Lock 25 is one of seven 1200' lock chambers included in the Navigation and Ecosystem Sustainability Program (NESP) authorized by WRDA 07.
- The project was fully funded (\$732M) via the Infrastructure Investment and Jobs Act (IIJA) in FY22 and received a New Start for Construction.
- Project includes design and construction of a new 1,200-foot pile-founded lock chamber, new upstream ported approach wall, and downstream approach wall designed to block flow through the wall.

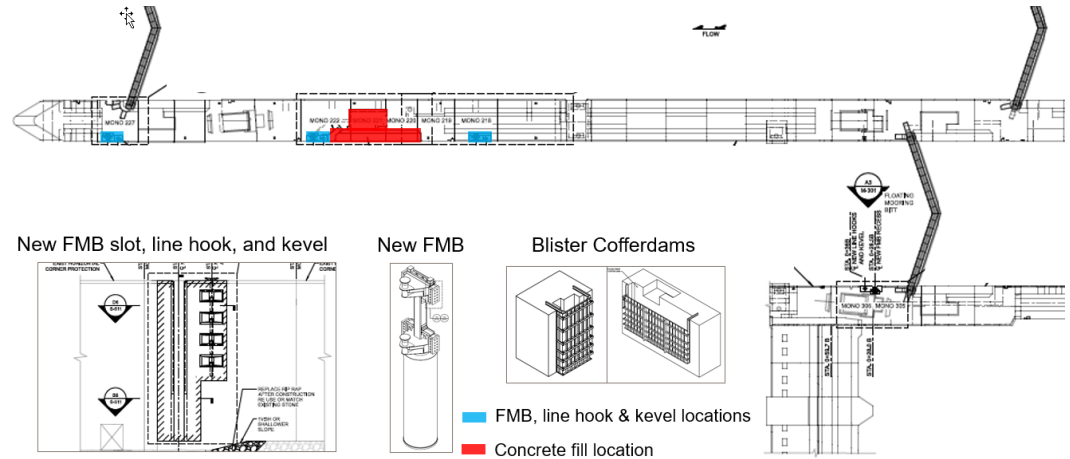




SCHEDULE- WORK DONE IN FY22



- Phase 1 construction for Lock Wall Modifications, will be awarded in September 2022
- Remainder of project overall design is estimated at approximately 35% complete.
- Design team is moving out on key features such as remaining site investigations and addressing changed conditions since design resumed.
- Overall focus is on updating project construction phasing, contract delivery method, and overall schedule.





PROJECT SCHEDULE - ONGOING & REMAINING WORK



➤ **Initiation of Construction**

- Phase 1 Contract Award in September 2022 with Construction in FY23

➤ **Project Schedule Development**

- Most recent, pre IIJA, Plan for Project Completion reflects 10 year delivery schedule and is funding constrained.
- Updated plan is in development and is expected in FY22. Will take advantage of full funding with an objective of accelerating delivery.



COST/FUNDING OVERVIEW



	IIJA (CG)	CG	IWTF	Total
Total Project Cost (TPC):				\$732,000,000
Total Allocations to Date	\$10,000,000	\$0	\$0	\$10,000,000
Remaining TPC Balance				\$722,000,000



PROJECT ISSUES AND CHALLENGES



- **Challenge:** Construction Market Inflation and Labor/Material Availability
 - **Primary Mitigation Strategy:** Construction Industry engagement to inform design, schedule, and overall plan

- **Challenge:** Need to minimize impacts to existing navigation during Lock Construction
 - **Primary Mitigation Strategy:** Continued Navigation and Construction industry collaboration to inform intermediate wall design and operational capabilities.

- **Challenge:** Remediation of prior river bed scour in vicinity of new Lock.
 - **Primary Mitigation Strategy:** Focused early design effort with construction industry input to validate plan and minimize project cost and schedule impact



LAGRANGE NEW 1200' LOCK



- For FY22 Community Projects - NESP included for \$45.1M
- \$23.6M planned for LaGrange
- FY22 activities:
 - Initial A/E contract award
 - Site investigations
 - Team development



THANK YOU

**Andrew Goodall, NESP Program Manager,
andrew.j.goodall@usace.army.mil, 309-912-3063**

