

NAVIGATION AND ECOSYSTEM SUSTAINABILITY PROGRAM (NESP)

Corn Belt Ports
21 June 2023



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NESP Coordinating Committee Meeting

- Scheduled for 28 June at The Bend Event Center in East Moline, IL

Groundbreaking Events

- Events were held at Lock and Dam 22 and Lock and Dam 25 for the fish passage and new lock projects respectively.
- Many thanks to the partnership who helped make the day a huge success!

18 MAY NESP GROUNDBREAKING





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18 MAY NESP GROUNDBREAKING





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ECOSYSTEM

5

Lock and Dam 22 Fish Passage

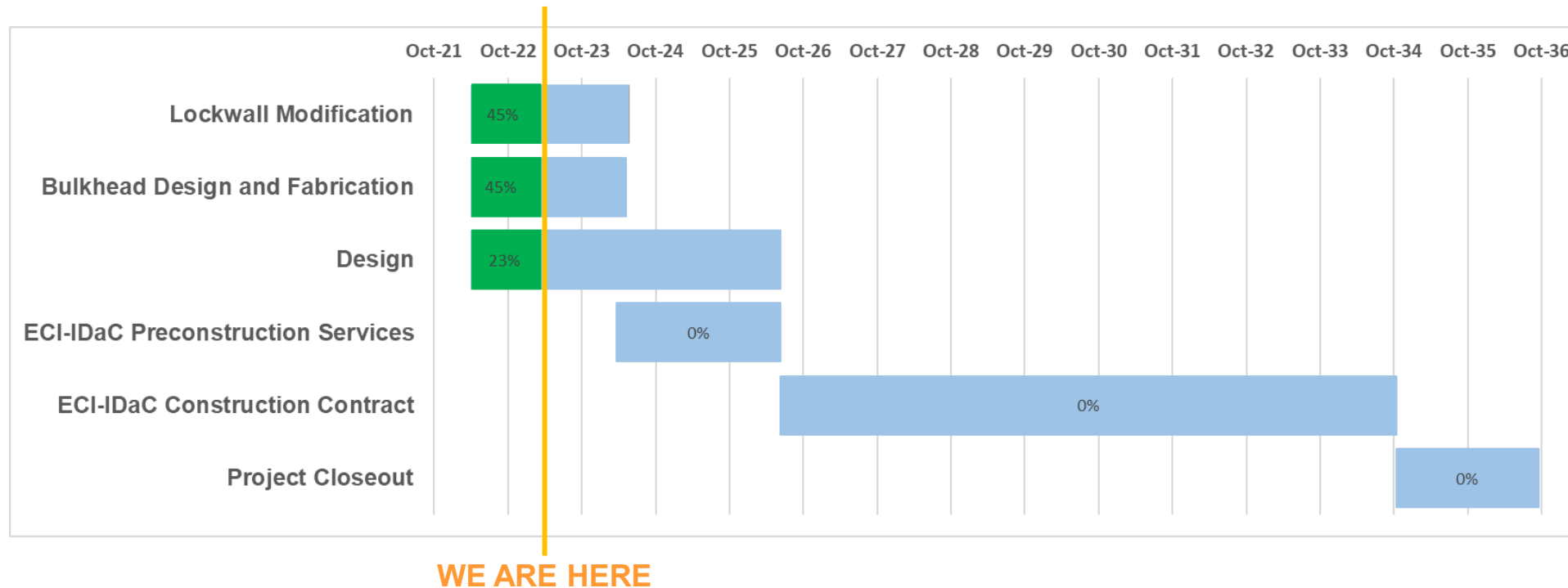
- Pre-project fish monitoring activities ongoing.
- 65% design deliverable received on schedule and under review.

FY23 Funding (\$18.379M)

- Ecosystem additional project development (\$5M)
 - Partner Funding
 - Programmatic Priorities – Adaptive Management Implementation Plan, Systemic Forest Management, Project Implementation Report process, and Communication Plan.
- Project Implementation (\$4.5M)
 - Continuation of projects initiated in FY22.
- Fish Passage Construction and Monitoring (\$4.379M)
- Project Implementation Report Data Collection (\$4.5M)

Lock 25 New 1200' Lock

- Design and solicitation activities ongoing.



Upcoming scheduled items:

- Early Contractor Involvement-Integrated Design and Construction (ECI-IDaC) Preconstruction Services Award in March 2024
- ECI-IDaC Construction Option Award in June 2026
- ECI-IDaC Construction Complete in October 2034

LaGrange New 1200' Lock

- Physical modeling ongoing at Engineer Research Development Center to include industry coordination with the Illinois River Carriers Association, model testing of lock configurations, and ship simulation when the final configuration is ready.
- Fiscal year 2022 task order (5%-35%) ongoing tasks include:
 - Geotechnical investigations, lock design, hydraulic modeling, site surveys, cultural surveys, real estate documentation, and physical model updates.
 - Development of construction contract documents – supply contract and utility relocation/site development.
- Design task order development for 35%-100% design, tasks include: all project design features for final plans and specifications.
- Acquisition strategy development. The initial construction contractor industry day is scheduled for 12 July 2023.

Navigation

- Mooring cell (7) construction
- LaGrange initial construction contract

Ecosystem

- Lock and Dam 22 Fish Passage construction funding
- Continued project planning and design
- Partner funding
- Programmatic Activities



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Rock Island District

NAVIGATION AND ECOSYSTEM SUSTAINABILITY PROGRAM (NESP)

ST. PAUL DISTRICT- ROCK ISLAND DISTRICT - ST. LOUIS DISTRICT

NAVIGATION AND ECOSYSTEMS PROJECTS



The Navigation and Ecosystem Sustainability Program (NESP) is a long-term, dual-purpose program that integrates navigation improvements and ecosystem restoration together to provide Upper Mississippi River System once in a generation-type positive impacts.

The primary goals of the program are to increase the capacity and improve the reliability of the inland navigation system while restoring, protecting, and enhancing the environment.

This map only shows projects actively being implemented. NESP includes an additional 5 - 1200' locks, systemic mitigation, and hundreds of ecosystem restoration projects.

- ### ACTIVE IMPLEMENTATION
- ★ Lock 25 New 1200' Lock
 - ★ Lock and Dam 22 Fish Passage Improvement Project
 - 1 Pool 2 Wingdam Notching
 - 2 Systemic Mitigation - Pool 4 Island 4
 - 3 Lock 14 Mooring Cell
 - 4 Starved Rock Breakwater
 - 5 LaGrange New 1200' Lock Design
 - 6 Moore's Towhead System Mitigation
 - 7 Twin Island - Island Protection and Enhancement
 - 8 Alton Pools Islands - Island Protection and Side Channel Restoration
- ### FY22 ECOSYSTEM PROJECTS INITIATED
- Water Level Management - Reduce Water Level Fluctuations
 - Systemic Forest Restoration
 - Multi-Pool Forest Restoration
 - 1 Wacouta Bay
 - 2 Sny Magill, Effigy Mounds National Monument
 - 3 Sabula Lakes
 - 4 Andalusia Island Complex
 - 5 Pool 24 Island Restoration - Denmark and Drift Islands Complex
 - 6 Middle Mississippi River Stone Dike Alterations Phase 1
- ### FY22 NAVIGATION PROJECTS INITIATED
- Mooring Facilities

PARTNERS

