

STEAMBOAT ISLAND

HABITAT REHABILITATION & ENHANCEMENT PROJECT



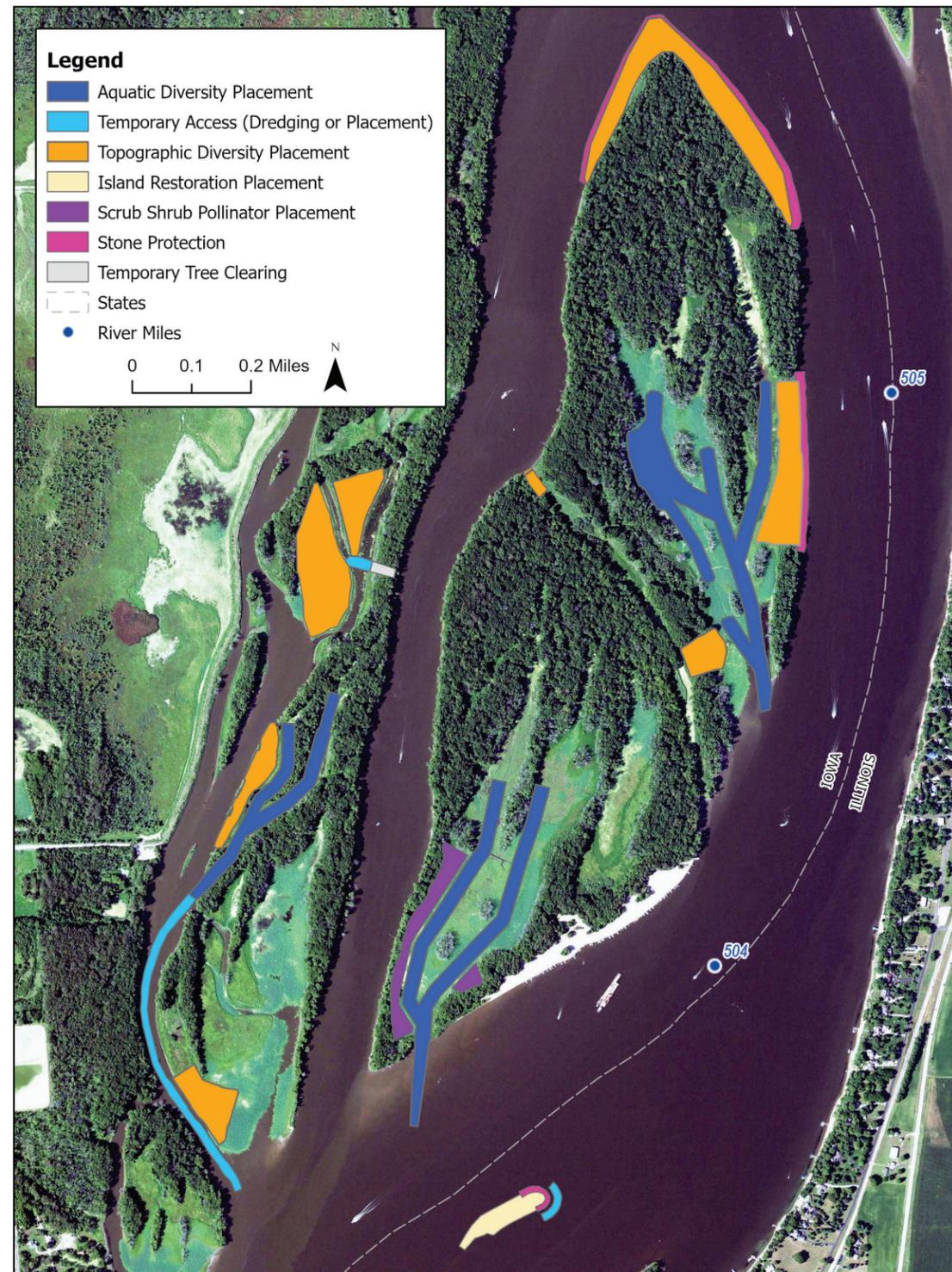
QUICK FACTS ▶

- Location:
Pool 14, River Miles 508-502.5
Clinton and Scott Counties, IA and Rock Island County, IL
- Feasibility Report Completed: Feb 2021
- Construction Began: Spring 2023
- Creating:
607 acres of aquatic habitat
2,013 acres of floodplain habitat
- Total project cost: \$33.6 million

PROJECT MEASURES ▶

- Excavate backwater channels
- Fisheries habitat
- Placement berms
- Scrub-shrub pollinator habitat
- Timber Stand Improvement
- Island restoration
- Stone protection

MEASURES EXCLUDING TIMBER STAND IMPROVEMENT ▶

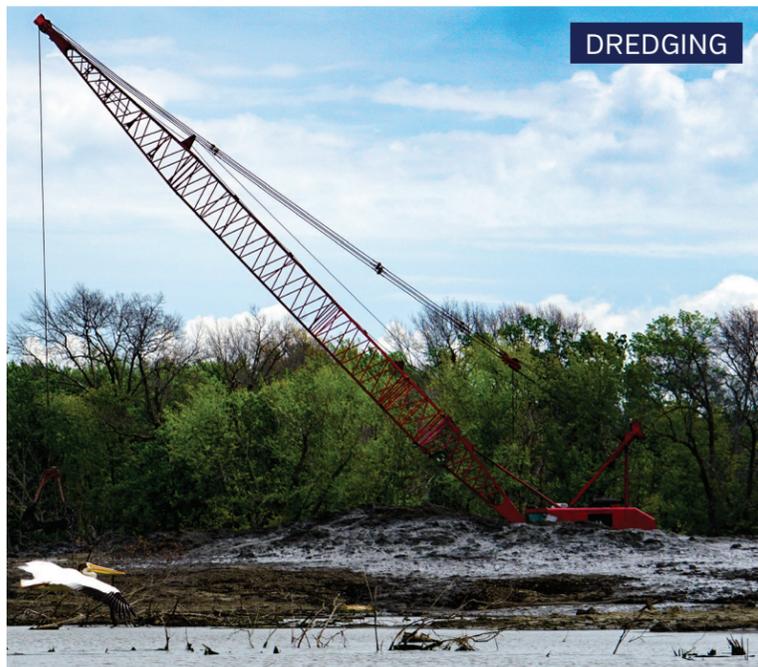


PROJECT OBJECTIVES ▶

- 1 Enhance and restore areal coverage and diversity of forest stands and habitat and increase diversity of bottomland hardwood forest
- 2 Increase year-round aquatic habitat diversity
- 3 Restore acreage and topography of islands and protect from erosion
- 4 Protect existing backwater habitat from sedimentation and enhance backwater and interior wetland areas

PROJECT STAGES ▶

- Stage I – Stone protection at head of island, northeast bank line, Southeast Island and the grade control structure [Completed Dec 2024]
- Stage II– Dredging backwater channels in upper lake, topographic placement at upper lake, northeast bank, grade control structure and at the head of island [Started construction in 2024]
- Stage III - Southeast island restoration and dredging backwater channels in Lower Lake (Started design in 2024)
- Stage IV - Timber Stand Improvements, plantings and dredging for aquatic diversity and topographic placement



DREDGING



STONE PROTECTION



PROJECT PARTNERS ▶



UPPER MISSISSIPPI RIVER RESTORATION PROGRAM



PROGRAM VISION ►

A healthier and more resilient Upper Mississippi River ecosystem that sustains the river's multiple uses

PROGRAM HISTORY ►

63
PROJECTS
COMPLETED

26
PROJECTS
UNDERWAY

121,400
ACRES
IMPROVED



PRIMARY PROGRAM ELEMENTS ►

- Habitat Rehabilitation and Enhancement Projects (HREP)
- Long Term Resource Monitoring (LTRM)

LONG-TERM MONITORING OF 6 STUDY REACHES (BY 5 STATE AGENCIES) ►

- Water quality (1993 - present)
- Aquatic vegetation (1998 - present)
- Fish (1993 - present)
- Assess ecological status and trends of UMRS
- Understand the structure and function of the ecosystem and its ecological resilience
- Inform the restoration and management of the UMRS

PROGRAM PARTNERS ►



NATURAL RESOURCES

Habitat projects have **restored and connected more than 100,000 acres** along the Upper Mississippi River, with an additional 65,000 acres of habitat projects planned for the next decade. These projects provide vital habitat for diverse fish and wildlife species, **including rare and endangered species.**

FISH & WILDLIFE

50 mussels
154 fish
325 birds

BIRDS

More than 40% of North American migrating birds use the Mississippi River corridor as their migration route. Restoring forests and wetlands improves bird habitat and provides opportunities for hunting and birdwatching.



AQUATIC LIFE

Wetlands and backwater lakes provide habitat for many valued fish and aquatic species. Millions of people enjoy fishing and boating on the Upper Mississippi River System each year.



FORESTS

Forest corridors provide habitat for wildlife species, opportunities for wildlife viewing and hunting, and connect communities and animals to the river. The health of floodplain forests and wet prairies along the river contribute to improved quality of drinking water for millions of people.



◆ LTRM monitoring stations
▲ in-progress habitat projects
● completed habitat projects