



UMRR Program - IL, IA, MO, MN, WI - Huron Island Complex Habitat Rehabilitation & Enhancement Project , Pool 18

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG®

Location

Pool 18, Upper Mississippi River Miles 425.4 - 421.2, Des Moines County, Iowa

State(s)

IA

Congressional District(s)

IA-2

Status

The final Definite Project Report was approved in October 2013. Construction of Stage I was awarded in July 2014. Construction of Stage I is almost completed. Construction of Stage II was awarded in August 2016.

Description

The Huron Island Complex is a 2,000 acre project that includes both Huron Island and Huron Chute located 9 river miles downstream from where the Iowa River enters the Mississippi River. Huron Island is heavily forested and dissected by a series of backwaters, secondary channels, and wetlands. Huron Chute separates Huron Island from the main land. The project includes 164 acres of backwater area, 500 acres of secondary channels, and 1336 acres of bottomland forest. The bottomland forest are dominated by even aged soft mast tree species of silver maple, ash, and cottonwood. The sloughs and wetlands within Complex have lost much of their fish and wildlife habitat value due to silt deposition. Huron Chute is experiencing bankline sloughing in the upper portion, which has degraded the near-shore habitat. Lands within the Complex are Federally owned by the Corps of Engineers and are part of the National Wildlife Refuge Complex. The U.S. Fish and Wildlife Service has been granted management responsibility for the Complex through an agreement with the Corps. The Fish and Wildlife Service has subsequently granted management of the complex to the Iowa Department of Natural Resources through a cooperative agreement. Project Features:

- * Dredge connecting sloughs using mechanical dredging.
- * Utilize dredged material to construct several embankments and other high areas on which mast-producing bottomland hardwood species will be planted.
- * Provide bankline protection in Huron Chute. * Plant aquatic Vegetation.

Project Outputs: Dredging the sloughs would provide critically important off-channel deep water habitat for fish. Shallow depression wetlands would provide feeding areas for resident and migratory waterfowl, shorebirds, and wading birds. The mast tree plantings will increase species diversity and improve the existing timber stand. The project will enhance and maintain the quality and diversity of habitat in a major backwater complex in Pool 18.



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Summarized Project Costs

General design costs are estimated at \$900,000. Estimated construction costs will be included in the draft feasibility report, although an initial estimate was set at \$12,800,000. Annual costs for operation, maintenance, and repair will be the responsibility of the U.S. Fish and Wildlife Service. The Iowa Department of Natural Resources is the project proponent.

Federal Cost	\$15,773,000
Non-Federal Cost	\$0.00
Total Cost	\$15,773,000
Federal Allocations through FY 2016	\$6,601,600
Scheduled Federal Allocation for FY 2017	\$300,000
Balance to Complete	\$8,871,400

Major Work Item (This Fiscal Year)

FY 2017 Finish construction for Stage I, Start construction on contract for Stage II, and award and initiated ERDC work with aquatic plantings.

Major Work Item (Next Fiscal Year)

FY 2018 Continue construction for Stage II and ERDC work with aquatic plantings.

Point of Contact: Regional Program Manager

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