

Project Factsheet for: Lock and Dam 12

Date Last Updated: 2006-09-08 13:26:59.0

Project Location Information

Location: Bellevue, Iowa
State(s): IA
Congressional District(s): IA-1

Status

Funding for the project is provided through Construction General (CG) funds for Major Rehabilitation work and Operations & Maintenance (O&M) funds for Major Maintenance work. The Major Rehabilitation & Major Maintenance work is awarded and executed concurrently to make the most economical use of resources. However, Rock Island District's O&M funding allocations for FY 2002-2007 are not sufficient to fund Major Maintenance items scheduled for construction contracts at various Locks and Dams (including L/D 12) in our current Major Rehabilitation & Major Maintenance Program. Three items were deferred due to lack of funding, Roller and tainter gate painting and repairs, Service bridge painting and repairs, and resurfacing.

The Rehabilitation Evaluation Report (RER) was approved June 1998. The project was a FY 2000 CG major rehabilitation new start. FY03 O&M funding was zero, and Stage III dam O&M funded rehab could not be initiated resulting in completion delays and increased project costs. Funding in FY04 - FY06 was insufficient to complete all major maintenance work. Deferring unfunded work creates further risk for the personnel working at the lock and increases the risk of failure of the dam. Extending the construction period increases total project cost, added community disruption for Bellevue, IA, increases potential downtime at the lock and dam which costs \$515K per day to the Nation in commercial navigation impacts and further disrupts recreational use of the lock.

Description

The project's CG funded items are cost shared (50/50) with the Inland Waterway Trust Fund. O&M funded items are 100% Federal. Lock and Dam 12 is located at River Mile 556.7, in the northern section of the town of Bellevue, Iowa. The structure was placed in operation 14 May 1939. As the structures and equipment approach the end of their projected lives, breakdowns and failure of mechanical and electrical equipment become more frequent and expensive with resultant delays and loss of revenue to commercial waterway users. The annual transportation benefits for traffic utilizing the Upper Miss River (above Lock 25) are approximately \$500 million, of which 50 percent depends on traffic transiting Lock 12. The Major Rehabilitation & Major Maintenance work will be accomplished in three stages:

- " Stage I, Dam Scour Protection, involves placing additional scour protection upstream and downstream of the Dam. The construction contract was awarded in November 1999 and was completed in September 2000.
- " Stage II, Lock, involves the rehabilitation of the navigation lock chamber and associated appurtenances. Major work items include resurfacing the lock chamber, replacing the lock machinery and overall site electrical systems and was completed in FY05.
- " Stage III, Dam, involves the rehabilitation of the navigation dam. Major work includes the replacement of tainter gate chains, repair of roller gate chains, and removal and replacement of deteriorated concrete on the dam piers. The funded portion of this work was completed in FY06.

Summarized Financial Data

Federal Cost	\$23,913,000
Non-Federal Cost	\$0
Total Cost	\$23,913,000
Federal Allocations through FY 2006	\$19,556,000
Scheduled Federal Allocation for FY 2007	\$0
Balance to Complete	\$4,357,000

Authority

OM - Operations and Maintenance --

Project Manager Information

Name: Frank Monfeli
Phone: (309) 794-5640
E-mail: Frank.C.Monfeli@usace.army.mil