

Project Factsheet for: Iowa River Streambank Erosion Control Evaluation and Demonstration

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Project Location Information

Location: Iowa River, Wapello, IA
River Basin(s): Iowa / Cedar
State(s): IA
Congressional District(s): IA-2

Status

Study is underway. Initial study funding received during 2nd quarter of FY07. Study to be completed in FY08.

Description

Twenty-five years have passed since the completion of the construction of the Iowa River at Wapello, Iowa erosion control demonstration project. This project consisted of using a combination of permeable timber jetties, erosion control mat, and Kellner Jacks, allowing for engineering scrutiny as to which erosion control measures are beneficial for future use. The jetties were designed to direct flow to the center of the channel; the jacks were placed to stabilize the top of the sloping bank; and the erosion mat was designed to protect the bank against erosion during high flows. The Iowa River at Wapello, Iowa erosion control demonstration project Special Study would revisit the Wapello site and perform channel surveys at the original (circa 1978 / 1980) twenty cross-sections locations. Aerial photos (circa 1978 /1980) will be compared to recent aerial photos (2005/2006) and a performance evaluation report will be written.

Summarized Financial Data

Federal Cost	\$50,000
Non-Federal Cost	\$0
Total Cost	\$50,000
Federal Allocations through FY 2007	\$50,000
Scheduled Federal Allocation for FY 2008	\$0
Balance to Complete	\$0

Major Work Item (This Fiscal Year)

FY07: Collect cross sections and aerial photography. Analyze and evaluate changes since original project implementation.

Major Work Item (Next Fiscal Year)

FY 08: Prepare final report and close-out study

Authority

CA - Continuing Authorities - Section 206 -- FPMS Section 206 of the 1960 Flood Control Act, Special Study

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