

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

Date Last Updated: 2006-10-06 16:21:35.0

Project Location Information

Location: Iowa River, Wapello, Ia RM 16
State(s): IA
Congressional District(s): IA-2

Status

No Study Funds Allocated to date

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 tow 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

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| Federal Cost | \$50,000 |
| Non-Federal Cost | \$0 |
| Total Cost | \$50,000 |
| | |
| Federal Allocations through FY 2006 | \$0 |
| Scheduled Federal Allocation for FY 2007 | \$0 |
| Balance to Complete | \$50,000 |

Major Work Item (This Fiscal Year)

(FY 07): Pending funding, complete study per scope of work.

Major Work Item (Next Fiscal Year)

(FY 08): Pending FY07 study funding, complete financial close-out.

Authority

Authority Not Assigned In System -- FPMS Section 206 of the 1960 Flood Control Act, Special Study

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