



US Army Corps
of Engineers
St. Paul District

Information Paper

Flood Risk Management: Red Lake River, Crookston, Minnesota



Stage 2 construction photo of downstream high-flow cutoff channel in Crookston, Minnesota

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Location/Description

Crookston is in Polk County in northwestern Minnesota, approximately 25 miles east of Grand Forks, North Dakota. It is located on the Red Lake River, 52 river miles upstream from its confluence with the Red River of the North at East Grand Forks, Minnesota.

Significant flooding in Crookston has been documented as far back as 1887. Recent major floods occurred in 1965, 1966, 1967, 1969, 1978, 1979, 1996, 1997, and 2001. The flood of record was 27.3 feet in 1969, until the 1997 flood exceeded it with a stage of 28.6 feet. The Red Lake River rose to 26.38 feet - 11 feet above flood stage - on April 9, 2001.

Status

Construction of the flood risk management project, consisting of levees, road raises and two cutoff channels, was essentially completed in November 2004.

Two rock berms that protect the upstream side of the two cutoff channels were damaged by ice flows in April 2005. Plans and specifications to repair the berms have been completed. The design consists of sheet piling with a clay berm topped off with larger riprap. A Value Engineering Study has been performed. A base contract could be awarded in fall 2010 contingent on receipt of funding. Construction would then be completed in spring 2011.

Project closeout activities (operation and maintenance manuals, as-built drawings, levee certification) are complete.

Authority

Congress, via the Water Resources Development Act of 1999, specifically authorized this flood risk management project.

Fiscal

The feasibility study was cost-shared 50-50 between the Federal Government and the non-Federal sponsor, the city of Crookston. The final design and construction costs were cost shared, with the city of Crookston contributing a minimum of 35 percent and the Federal Government contributing the remainder.

Federal costs	\$7,338,000
Non-Federal costs	\$3,946,000
Total	<u>\$11,284,000</u>