



US Army Corps  
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St. Paul District

# Information Paper

## Streambank Protection: Section 14, Wastewater Treatment Lagoons, Village of Colfax, Dunn County, Wisconsin



*Erosion of the bank along the Red Cedar River adjacent to the village of Colfax, Wastewater Treatment Lagoons.*

### Contact

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### Location/Description

The village of Colfax is located in Dunn County, Wisconsin, approximately 75 miles east of St. Paul, Minnesota. The erosion site is located on the left descending bank of the Red Cedar River, less than one mile downstream from Colfax, at the village of Colfax, Wastewater Treatment Lagoons. Erosion has cut the bank to within 50 feet of the wastewater treatment lagoon berm, threatening the integrity of the berm. Severe safety and environmental impacts would occur if erosion continues at this location and wastewater from the lagoons was to enter the Red Cedar River. Additionally, above normal levels of sediment in the Red Cedar River have had negative recreational and environmental impacts on Tainter Lake, located 7.0 miles downstream from the village of Colfax. This was largely caused by bank erosion similar to that at the project site. This project would aid in alleviating those impacts. The streambank protection area would run approximately 1,300 linear feet alongside the three wastewater treatment ponds.

### Status

The feasibility study was started in August 2015 and completed in September 2016. The village of Colfax has been working to secure funds to cover the non-federal cost share of the design and construction phase of the project. Currently the U.S. Army Corps of Engineers and the village are working to negotiate a project partnership agreement. Following the execution of a project partnership agreement the design and implementation phase of the project can begin.

The proposed project consists of riprap bank stabilization to correct the erosion at the project site. This will involve the placement of approximately 6,000 tons of rock riprap and the excavation to create a stable slope.

### Authority

Section 14 of the Flood Control Act of 1946, as amended, Emergency Streambank Erosion or Shoreline Protection, provided authorization for the project. On August 25, 2014, the village of Colfax submitted a formal request for assistance with a Section 14 study.

### Fiscal

The first \$100,000 of the project was fully federally funded. The feasibility phase of the project cost \$100,000. The design and construction phase of the project will be cost shared at 65 percent federal and 35 percent non-federal. The estimated total federal cost for the project is \$1,038,000, and the estimated total sponsor cost is \$559,000 for a total project cost of \$1,597,000.

Federal funds allocated to date \$100,000