



US Army Corps  
of Engineers  
St. Paul District

# Information Paper

## Flood Risk Management: Sheyenne River, West Fargo, North Dakota



*Aerial photo of the West Fargo Diversion Channel, looking east*

### Contact

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### Location/Description

West Fargo is located in southeastern North Dakota along the western edge of Fargo, North Dakota. The Sheyenne River flows through West Fargo and converges with the Maple River and then the Red River of the North a few miles downstream. The flood risk management project constructed at West Fargo was designed to provide Standard Project Flood protection and includes the following features:

- 6.8 miles of flood diversion channel
- 12.7 miles of levee
- A 57,000-gallon-per-minute pump station
- Two gated control structures
- Interior drainage facilities
- Two diversion weirs
- One new railroad bridge
- Four new highway bridges
- Roadway and utility relocations and alterations

### Status

The channel repairs have been completed, and the non-Federal sponsor has been notified that the project is complete. In 2005, portions of the diversion channel were damaged by erosion/sloughing. A channel repair construction contract was awarded in January 2008 to repair 6,000 lineal feet of failed slope sections along the diversion channel. Repair work was completed in fall 2011. Topsoil and seeding operations were completed in June 2012.

Construction of the West Fargo project was essentially completed in 1994. A second pump station was added to the project scope in 2002 and completed in October 2003.

Since its completion, the project has prevented damages in excess of \$379,600,000 (through 2011).

### Project Sponsor

The non-Federal project sponsor is the Southeast Cass Water Resource District.

### Authority

The project is authorized by Section 401 of the Water Resources Development Act of 1986, based on the plan contained in the General Reevaluation and Environmental Impact Statement, dated August 1982, revised January 1984. West Fargo is part of the Sheyenne River project, which also includes the Baldhill Pool Raise and the Horace to West Fargo projects.

### Fiscal

The following table summarizes the project cost. Project design and construction costs are to be shared with the non-Federal sponsor. Operation and maintenance costs are the responsibility of the non-Federal sponsor. No additional funding is anticipated.

Federal cost	\$ 20,224,000
Non-Federal cost	<u>7,562,000</u>
Total estimated cost	\$27,786,000