



US Army Corps
of Engineers®
St. Louis District

Information Paper

Prairie Du Pont Drainage and Levee District and Fish Lake Drainage and Levee District Investigations (Flood Risk Management)



Figure 1: Closure Structure in Prairie du Pont

Contact

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Location

The study area is located on the east bank of the Mississippi River between river miles 166 and 175 above the Ohio River in St. Clair and Monroe Counties, Illinois, across from St. Louis County, Missouri.

Description

The area is protected by an urban design levee, completed in 1951, which consists of a 15.2-mile levee system with gravity drains and four pumping stations to evacuate interior floodwaters. The flood of 1993 produced serious underseepage problems within this system (sand boils, quick soil conditions, and serious piping conditions). A deficiency correction study has been completed and recommended the construction of 130 new relief wells and grouting shut 162 existing wells, five new pump stations to accommodate the additional flow, and 28,500 linear feet of new seepage berms. The local sponsors have maintained the levee system since 1951. A validation study is needed to assess the economic feasibility of the proposed deficiency corrections.

Status

Design activities can begin immediately under the existing Design Agreement pending receipt of federal funds. Congressional authority to construct the recommended plan is required. Non-federal sponsor (NFS) continues to pursue design in absence of federal funding.

Importance

The levee system protects a population of approximately 7,100 people; a large railroad switch station and the approach to the Jefferson Barracks Bridge, a major access bridge to the metropolitan St. Louis area; and 12,890 acres of bottomland.

Authority

The Flood Control Act of 1936 and 1954; WRDA 2000 and 2007.

Schedule

Non-federal sponsor (NFS) is developing schedule for three bid packages.

Activities for FY25

Coordinate with sponsor on their design and construction activities.

Activities after FY25

Perform validation study with \$400,000 capability, if funded. Continue to coordinate with sponsor on their design and construction activities.

Project Partner

Prairie du Pont Drainage and Levee District, Fish Lake Drainage and Levee District and the Southwestern Illinois Flood Protection District.

Congressional Interest

Senate: Durbin (IL) and Duckworth (IL)
House: Budzinski (IL-13) and Bost (IL-12)

Financial

Validation Study cost: \$400,000