



**US Army Corps
of Engineers**
St. Louis District

Flood Control Act (FCA) 1936 (Public Law (PL) 74-738), FCA 1938 (PL 75-761), and FCA 1946 (PL 79-526).

Information Paper

Alton to Gale Organized Levee Districts, IL & MO

Construction (FRM)

Location: The Alton to Gale Levee System is located adjacent to the Mississippi River between Alton and Gale, Illinois, and is made up of many small levees grouped together into a combined 200+ mile system.

Description: Portions of the Alton to Gale levee systems have experienced a significant number of levee embankment failures (slides) which have reduced the ability of these systems to provide the authorized level of flood protection.

Status: Levee systems are at risk for failure during high water events due to slope stability problem. Highly plastic soils were used in the original levee construction that promotes recurrent embankment slides in portions of the levee systems. As slides develop, they have been repaired by the Corps since the 1960's. Repairs have been performed under the authorized Alton to Gale project and the PL84-99 program. The ASA (Civil Works) requested the Corps to provide a solution for the entire levee system.

Importance: Numerous areas within the levee systems are deficient, resulting in a risk of levee embankment failure. Emergency repairs during and immediately following flood events continue to be a chronic problem. To date, 859 levee slides have been repaired within the system.

Risk: Levee slides can result in a reduction in the ability of the individual levees to provide the authorized level of flood protection.

Consequence: Levee slides can result in a breach of the levee and impact the road system. If levee failure occurs during a high water event, a breach in the flood protection system is possible. If one slide area completely fails, the area protected by the levee could be flooded in a matter of hours.



Typical Alton-Gale Levee Slides (2008 Flood)

Activities for FY 17: Carryover funds from FY15 are being used to finalize and submit final Limited Reevaluation Report (LRR) for MVD review and approval to release for Public Review.

Acquisition Strategy: No contracts are scheduled to be awarded in FY 17.

Activities after FY 17: Completion of Public Review submittal of LRR for MVD review and approval. Pending report approval, funds will be used to close out study.

Project Sponsor/Customer: Grand Tower, Degonia-Fountain Bluff, Prairie du Rocher, Metro East, Clear Creek, Kaskaskia Island, Bois Brule, Fort Chartres, Preston, and Wood River Drainage and Levee Districts.

Congressional Interest: Senate: Durbin and Duckworth (IL); House: Bost (IL-12).

Phase	FY 17 Budget	FY 18 Budget
Construction	\$0	N/A