



US Army Corps  
of Engineers  
St. Louis District

# Cahokia Heights & East St. Louis Flood Hazard Analysis

## Investigations (FRM) – Floodplain Management Services (FPMS)

### Contact:

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**Location:** The study area consists of 2 square miles within some of the most flood vulnerable areas of Cahokia Heights and East St. Louis, IL. The study area is located within the East St. Louis Levee System, which is a Federal project, that reduces flood risk from the Mississippi River, the Cahokia Diversion Canal to the north and Prairie du Pont Canal to the south. The study area is bound by Illinois Route 157, Interstate 255, St. Clair Avenue, and Lake Drive in the municipalities of Cahokia Heights and East St. Louis, Illinois.

**Description:** Provided technical assistance at no cost to the Cities of Cahokia Heights and East St. Louis, Illinois, to conduct a Flood Hazard Analysis with flood mitigation measures to reduce flood risk. The project was funded under the U.S. Army Corps of Engineers (USACE) Flood Plain Management Services (FPMS) program and is authorized by Section 206 of the 1960 Flood Control Act (P.L. 86-645), as amended. The program allows USACE to conduct small, conceptual studies for local communities with the objective of fostering public understanding of the options available to manage flood hazards and to promote prudent use and management.

**Status:** The report has been completed and transmitted to the Cities and partners. The interagency collaborative known as the Metro East Flood Relief has taken and prioritized flood mitigation measures identified in the report and is pursuing grant funding for implementation. The report is also being incorporated into the update of the St. Clair County Hazard Mitigation Plan for future flood mitigation grant opportunity.

**Importance:** This is an economically disadvantaged community facing two threats :1) failed and failing sanitary sewer collection and transport system, and 2) surface flooding. The surface flooding contributes to sanitary sewer overflows and mixes with those overflows impacting public health.

**Authority:** Floodplain Management Services (FPMS), with funding from Bipartisan Infrastructure Law, 2022 (Public Law (PL) 117-58).

### Schedule:

- Final Report Transmitted to the Cities: September 2023



Figure 1: Surface flooding from a 1% Annual Exceedance Probability storm producing 7.65 inches of rain in 24-hour period



Figure 2: Flood Risk Reduction if all measures are implemented to reduce the impacts of a 1% AEP flood

**Activities for FY24:** Final report transmitted to the partners.

**Activities after FY24:** No activities for the specific study.

**Project Partner:** Cahokia Heights and East St. Louis, IL.

**Congressional Interest:** Senate: Durbin (IL) and Duckworth (IL)  
House: Budzinski (IL-13)

### Financial:

Estimated Federal cost: \$195,000

Estimated non-Federal cost: \$0

Total estimated cost: \$195,000

Total Federal funding to date: \$195,000