



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

Information Paper

FPMS Piat Place & Harding Ditch Flood Hazard Analysis Investigations (Flood Plain Management Services)

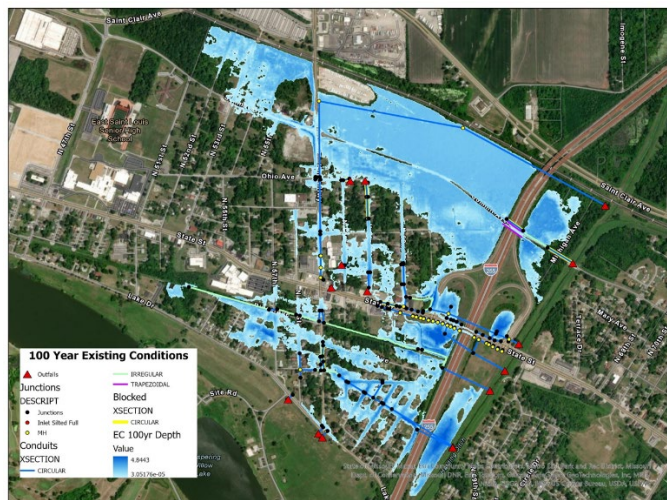


Figure 1: Hydraulic modeling simulating 7.64 inches of rainfall over 24 hours. Harding Ditch is high and flap gates are in closed position.

Contact

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Location

The project area locally referred to as Piat Place neighborhood is bordered by 59th Street, Interstate 255, Summit Avenue, and Lake Drive in East St. Louis, Illinois (IL). The Piat Place area is defined by the modeled limits in Figure 1. The study also included Harding Ditch hydraulic analysis from Schoenberger Creek (near State Street) downstream to the Metro East Sanitary District (MESD) South pump station (approximately 7 miles). The extents of the hydraulic model covered most of Harding Ditch and its larger tributaries.

Description

This project provided technical assistance at no cost to the Cities of Cahokia Heights and East St. Louis, IL, to conduct a Flood Hazard Analysis. The project was funded under the U.S. Army Corps of Engineers (USACE) Flood Plain Management Services (FPMS) program and was 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 of the nation's floodplains. The scope of work for this project is to evaluate the flood prone areas within the defined project area, conduct engineering analysis, provide flood mitigation alternatives and conceptual cost estimate for features or improvements recommended to alleviate flooding.

Status

The project received its first allocation of Federal funds in November 2023. The Project Delivery Team accelerated delivery of the draft report to assist communities with the development of time sensitive grant application for implementation of their preferred mitigation alternative.

Importance

This is a community facing two threats: 1) failed and failing sanitary sewer collection and transport system; and 2) storm water flooding that contributes to sanitary sewer overflows and mixes with those overflows impacting public health.

Authority

Section 206 of the 1960 Flood Control Act (P.L. 86-645), as amended.

Schedule

- Initiate study: November 2023
- Draft report available for partner review: September 2024
- Final report: February 2025

Activities for FY25

Deliver final report to the cities and initiate project close out. Continue coordination with St. Clair County for award of CDBG-DR Grant and with Cahokia Heights for delivery of report recommendation.

Project Partner

Cities of Cahokia Heights and East St. Louis, IL.

Congressional Interest

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

Financial

Federal cost:	\$255,000
Estimated non-Federal cost:	\$0
Total estimated cost:	\$255,000
Total Federal funding to date:	\$255,000