



US Army Corps
of Engineers
St. Louis District

Information Paper

FPMS Piat Place & Harding Ditch Flood Hazard Analysis

Investigations (FPMS)

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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. The Piat Place study area is highlighted in red in Figure 1. The study will also include Harding Ditch hydraulic analysis from Schoenberger Creek (near State Street) downstream to the MESD South pump station. The extents of the hydraulic model will cover most of Harding Ditch and its larger tributaries.

Description: This project will provide technical assistance at no cost to the Cities of Cahokia Heights and East St. Louis, Illinois, to conduct a Flood Hazard Analysis. The project is 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 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 recommendations 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. Project Delivery Team has initiated surveying and updating the hydraulic models.

Importance: This is an economically disadvantaged 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: December 2024
- Final report: March 2025



Figure 1: Extents of Study Area to include Harding Ditch

Activities for FY24: Initiate the project, collect data from partners, initiate hydraulic modeling, initiate surveying.

Activities after FY24: Complete hydraulic modeling, coordinate with the public, engineering analysis and recommendations, Draft report, conduct quality reviews, and deliver final report to the cities.

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

Congressional Interest: Senate: Durbin (IL), Duckworth (IL);
House: Budzinski (IL-13).

Financial:

Estimated Federal cost: \$225,000 (anticipated in FY24*)
Estimated non-Federal cost: \$0
Total estimated cost: \$225,000
Total Federal funding to date: \$135,000

*Additional \$75,000 requested in FY25

