



US Army Corps  
of Engineers  
St. Louis District

# Information Paper

## Coldwater Creek Flood Risk & Mitigation Analysis

### Investigations (FRM) – Interagency Nonstructural / Silver Jackets

#### Contact:

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**Location:** This interagency project will evaluate the Coldwater Creek watershed, with emphasis on flood prone sections of an intensely urban watershed within six disadvantaged communities of Berkley, Overland, Breckenridge Hills, Bridgeton Terrace, Hazelwood, Florissant, and Woodson Terrace.

**Description:** Increased frequency and intensity of severe weather is increasing flood risk with documented flood damages occurring in the watershed fourteen times between 1957 to 2013 and now a new historic flood on 26 July 2022 induced by a 500-year rainfall frequency event. This mid-summer flood occurred during a time of drought on 26 July and occurred again on 4 August 2022 resulting in Presidential Disaster Declaration DR-4665-MO. St. Louis District will assemble a multi-disciplinary team to coordinate with interagency partners on the identification of specific mitigation actions and prioritization of those measures to effectively reduce future flood damages in this vulnerable area.

**Status:** This project was competitively selected and has been funded in FY24.

**Importance:** The objective of this interagency nonstructural project will be used to assess areas of repetitive flooding, locate individual or clusters of flood prone structures, determine which structures incur the most frequent or severe losses, evaluate mitigation measures, and assist in prioritizing mitigation projects for the purpose of reducing flood risk and increasing community resiliency.

**Authority:** U.S. Army Corps of Engineers (USACE) Interagency Nonstructural / Silver Jackets (SJ), Section 206 of the Flood Control Act of 1960, as amended (33 U.S. Code § 709a).

#### Schedule:

- District Receipt of Funds: October 2023
- Draft Flood Risk and Mitigation Analysis Report: October 2024
- Report Approval: February 2025



Figure 1: Vehicles submerged in flood water



Figure 2: Buildings submerged in flood water

**Activities for FY24:** Initiate the project, collect data from partners (i.e., Hydraulic models and GIS data).

**Activities after FY24:** Finalize Flood Risk and Mitigation Analysis report, public meeting.

**Project Partners:** FEMA, SEMA, MSD, St. Louis County, Cities of Berkley, Overland, Breckenridge Hills, Bridgeton, Hazelwood, Florissant, St. John, Black Jack, St. Ann, St. Louis County, East-West Gateway Council of Governments, and U.S. Economic Development Administration.

**Congressional Interest:** Senate: Hawley (MO) and Schmitt (MO)  
House: Bush (MO-1)

#### Financial:

Estimated Federal cost: \$214,000  
Estimated non-Federal cost: \$0  
Total estimated cost: \$214,000  
Total Federal funding to date: \$75,000