



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

Section 101(a) (17) of the Water Resources Development Act of 1990 (Public Law 101-640)

INFORMATION PAPER

River Des Peres, MO

Investigations (FRM)

Location: The project area is located along the upper River des Peres in the densely urban community of University City, St. Louis County, Missouri.

Description: At the direction of Congress, USACE first evaluated the urban flood problem in the 1970's. A feasibility study was completed in 1988 and resulted in a signed Chiefs Report in 1989. The Chiefs report recommended a structural flood risk management solution of widening and stabilizing 2.53 miles of the upper River des Peres channel. The project was authorized for construction in 1990. In June 2004, a Design Agreement was executed for preconstruction engineering and design phase. Changed watershed conditions and channel improvements (since the 1990 authorized plan) were reflected in our HEC-RAS model. The model results indicated induced flood damages downstream of the project.

A General Re-evaluation Report (GRR) is required due to changed conditions and/or assumptions to meet the project purpose which is to reduce flood risk to life and property. The GRR may affirm the previous plan; reformulate and modify it, as appropriate; or find that no plan is currently justified.

Status: A GRR was initiated in 2004 and work stopped in FY10 due to the sponsors inability to further cost share. City Council letters of intent dated May 2016 and November 2018 reaffirm the City's interest, willingness and financial capability to cost share the GRR to completion.

Importance: The flood prone study area experiences frequent flooding that continues to jeopardize public safety. In September 2008, the residual effects from Hurricane Ike caused significant flooding and resulted in two casualties and devastating flood damages. Flooding has occurred as recently as May and June 2011, June 2013 and September 2014 forcing evacuations and costly flood recovery from each event. Based on continued coordination with the University City officials and Metropolitan St. Louis Sewer District, the public maintains a very high interest in partnering with the district for a solution to the recurring flood problem.

Risk: Progress has not been made to implement a solution to a documented flooding problem with a Federal interest that continues to impact lives and property.

Consequence: A total of 275 residential structures are situated in the 100-year floodplain and 90 single family and 4 multi-family residential homes are situated in the frequently flooded 5-year floodplain. This threat not only exists to the structures but also to the families that occupy these homes.



One of 275 at risk homes in the authorized project area. Two drowning deaths occurred across the street from this home in 2008.

Activities for FY 20: Execute amendment to Design Agreement enabling receipt of sponsor contributed funds, achieve vertical team concurrence and the alternatives milestone.

Acquisition Strategy: No contracts are scheduled for award in the current fiscal year.

Activities after FY 20: Tentatively selected plan and agency decision milestones.

Project Partner: University City, Missouri

Congressional Interest: Senate: Blunt (MO), Hawley (MO) House: Clay (MO-1)

Phase	FY 20 Allocation
Investigations	\$0