



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

Information Paper Monarch-Chesterfield, MO

Water Resources Development Act (WRDA) 2000, Section 101(b)(18)

Construction (FRM)

Location: The Chesterfield project is located along the right bank of the Missouri River between river miles 46 and 38.5. The existing private levee system is 11.5 miles and protects approximately 4,700 acres from the 1 percent chance of exceedance (100-year event).

Description: During the Great Flood of 1993, the existing levee failed causing flood damages in excess of \$200,000,000. The current assessed value of the valley is \$1.8 billion. The project consists of raising the existing levees on the Missouri River and Bonhomme Creek to provide protection from a 0.2 percent chance of exceedance (500-year event) along with relief wells, a sheet pile cutoff, and berms to control underseepage. Other features include roadways, railroad and roadway closure structures, retaining walls, relocations, pumping stations with gravity structures, and environmental mitigation features.

Status: Project nearing completion. Initiating final project accounting to determine sponsor eligibility for reimbursement to sponsor of approved Section 104 credits subject to the availability of funds is planned for FY20.

Importance: The Monarch-Chesterfield Levee protects one of the largest and fastest growing retail shopping and business areas in St. Louis County. On a typical day, there are several hundred thousand people working or shopping in the Chesterfield Valley.

Risk: Remaining work is required to provide authorized protection to the area. If project completion is delayed, the project area remains susceptible to flooding.

Consequence: Because the project area protects a large urban developed area, further flooding could lead to extensive damage to both the natural and human

environment. Failure to complete remaining work would jeopardize the project integrity and benefits.



Watershed 4 Pump Station Construction.

Activities for FY 20: Funds are being used for engineering during construction and construction management for previously awarded Watershed 4 pump station contract), and O&M manual.

Acquisition Strategy: None

Activities after FY 20: Final project accounting, project closeout, and reimbursement of Section 104 credit

Project Partner: Monarch-Chesterfield Levee District.

Congressional Interest: Senate: Blunt (MO) and Hawley (MO) House: Wagner (MO-2).

Phase	FY20 Allocation
Construction	\$0