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.

Issues: The Levee District has not been reimbursed for the approved Section 104 credits. Local sponsor has submitted documentation regarding LERRDs and Section 104 work. Based on the final audit which was completed 3rd quarter of FY 14, and verification of the LERRDs value against which the Section 104 credit is afforded, the sponsor is eligible for reimbursement of the entire amount of the Section 104 work estimated at $12,501,000, subject to the availability of funds.

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.

### Activities for FY 15:
Funds are being used to design and award contract for Watershed 4 Gravity Drains and construction supervision of the Levee Raise at Pump Station 7, Watershed 5 relief wells, and the Watershed 5 pump station, and reimbursement of the sponsors Section 104 credits.

### Acquisition Strategy:
8(A) Contract.

### Amount That Could Be Used in FY 16:
$1,275,000 will be used to design floodproofing measures at the MSD Caulks Creek lift station ($575k) and engineering during construction and construction management for previously awarded contracts ($200k), and reimbursement of sponsors Section 104 credits ($500k). An additional amount of $1,170,000 could be used to reimburse sponsor for Section 104 credits.

### Project Sponsor/Customer:
Monarch-Chesterfield Levee District.

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

<table>
<thead>
<tr>
<th>Phase</th>
<th>FY 15 Allocation</th>
<th>FY 16 Budget</th>
<th>FY 16 Total Capability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction</td>
<td>$3,665,000</td>
<td>$1,275,000</td>
<td>$2,445,000</td>
</tr>
</tbody>
</table>