Location: The Alton to Gale Levee System is located adjacent to the Mississippi River between Alton and Gale, Illinois, and is made up of many small levees grouped together into a combined 200+ mile system.

Description: Portions of the Alton to Gale levee system have experienced a significant number of levee embankment failures (slides) which have severely reduced the ability of these systems to provide the authorized level of flood protection.

Issues: Levee system is at risk for failure during high water events due to design deficiency. Highly plastic soils were used in the original levee construction that promotes recurrent embankment slides in portions of the levee system. Slides have been repaired by the Corps since the 1960’s. Repairs have been performed under the authorized Alton to Gale project and the PL84-99 program. The ASA (Civil Works) requested the Corps to provide a solution for the entire levee system.

Importance: Numerous areas within the levee system are deficient and unstable, resulting in a significantly high risk of levee embankment failure. Emergency repairs during and immediately following flood events continue to be a chronic problem. To date, 859 levee slides have been repaired within the system.

Risk: Levee slides can result in a reduction in the ability of the individual levees to provide the authorized level of flood protection.

Consequence: Levee slides can result in a breach of the levee and impact the road system resulting in a safety issue for the traveling public. If levee failure occurs during a high water event, a breach in the flood protection system is highly probable. If one slide area completely fails, the area protected by the levee could be flooded in a matter of hours resulting in endangerment to life and loss of property.

Typical Alton-Gale Levee Slides (2008 Flood)

Activities for FY 15: Carryover funds from FY14 will be used to complete Alternative Formulation Briefing. FY15 funding will be used to finalize and submit final Limited Reevaluation Report (LRR) for MVD and HQ review and approval.

Acquisition Strategy: No contracts are scheduled to be awarded in FY 15.

Amount That Could Be Used in FY 16: An amount of $500,000 could be used to execute a Project Partnership Agreement and complete plans and specs for Phase 1 for design deficiency correction.

Project Sponsor/Customer: Grand Tower, Degognia-Fountain Bluff, Prairie du Rocher, Metro East, Clear Creek, Kaskaskia Island, Bois Brule, Fort Chartres, Preston, and Wood River Drainage and Levee Districts.

Congressional Interest: Senate: Durbin and Kirk (IL); House: Bost (IL-12).

<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>$100,000</td>
<td>$0</td>
<td>$500,000</td>
</tr>
</tbody>
</table>