Construction contractors continue to make progress in the Confluence Area.

At the Above Cairo, Ill., Slurry Trench, the contractor continues to mix slurry and backfill the slurry trench. At the City of Cairo, Ill., Relief Wells, we awarded the contract and issued the Notice to Proceed. The contractor will begin mobilization soon. At Island 8, Ky., the contractor is drilling pilot holes and clearing ditches.

At the Birds Point-New Madrid Floodway, work is proceeding on schedule to reconstruct the levee. Phase 1 at the upper crevasse is nearing completion and the contractor has begun stockpiling pipes and material for Phase 2. Phase 1 at the center crevasse is completed and Phase 2 has begun with the prepping of the grounds. The lower crevasse Phase 1 is 50% complete and awaiting Notice to Proceed for Phase 2. All three crevasses have been awarded to reconstruct the levee to full height and install the operating mechanism.

The favorable weather and low river stages continue to allow construction crews to make good progress on all work items.

Regina Kuykendoll Cash
Project Manager

Above Cairo (Slurry Trench)
Award date: September 2011
Forecasted completion: January 2013

7,200 linear feet of soil-bentonite will create an impermeable barrier, reducing the risk of seepage underneath the Mississippi River levee. The contractor has begun excavating and backfilling slurry trench, as shown in the photo at right. He has completed 3,580 feet of trench and is approximately 45% complete with the construction contract.

Above Cairo (Relief wells)
Award Date: September 2011
Forecasted completion: August 2012

Contractors completed 28 relief wells which will reduce uncontrolled seepage under the Mississippi River levee north of Cairo. Existing ditches and culverts were improved along roadways to ensure adequate drainage. The final inspection took place on Aug. 18, 2012. Photo shows stone in invert along Rte. 4 Above Cairo relief wells.
Memphis District—U.S. Army Corps of Engineers

**Birds Point—New Madrid Floodway (Levee Repairs)**

<table>
<thead>
<tr>
<th>Crevasse</th>
<th>Location</th>
<th>Scope of work</th>
<th>Award</th>
<th>Forecasted Completion</th>
<th>T.O. value</th>
</tr>
</thead>
<tbody>
<tr>
<td>P #1 Upper</td>
<td>Earthwork to 55 feet (full width)</td>
<td>May 30, 2012</td>
<td>October 2012</td>
<td>$2,438,963</td>
<td></td>
</tr>
<tr>
<td>P #1 Center</td>
<td>Earthwork to 55 feet (full width)</td>
<td>July 13, 2012</td>
<td>October 2012</td>
<td>$1,428,062</td>
<td></td>
</tr>
<tr>
<td>P #1 Lower</td>
<td>Earthwork to 55 feet (full width)</td>
<td>Aug. 1, 2012</td>
<td>November 2012</td>
<td>$710,229</td>
<td></td>
</tr>
<tr>
<td>P #2 Upper</td>
<td>Earthwork to 62.5’ with op mech</td>
<td>Aug. 14, 2012</td>
<td>December 2012</td>
<td>$2,254,893</td>
<td></td>
</tr>
<tr>
<td>P #2 Center</td>
<td>Earthwork to 62.5’ with op mech</td>
<td>Sep. 19, 2012</td>
<td>December 2012</td>
<td>$2,734,900</td>
<td></td>
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<tr>
<td>P #2 Lower</td>
<td>Earthwork to 62.5’ with op mech</td>
<td>Sep. 7, 2012</td>
<td>December 2012</td>
<td>$1,850,913</td>
<td></td>
</tr>
</tbody>
</table>

Phase 1 construction operations for the three crevasses are as follows: **Upper**—Contract is currently 92% complete. Contractor continues excavation of borrow pit and placement of compacted levee embankment. Approx. 240,000 of 252,000 cubic yards are in place. Phase 2 task order was awarded Aug. 14, 2012. Contractor is preparing levee for installation of pipe on the upstream end and has degraded section down to work point, stockpiled all gravel and levee embankment as per plan. All 4, 8, and 54 inch pipes and equipment are onsite for installation. **Middle**—Phase 1 is 100% complete except for turfing. Phase 2 task order was awarded Sept. 20. Contractor has begun stripping, clearing and grubbing upstream and downstream of project limits. Began hauling, placing and compacting impervious fill from borrow area. Placed approximately 13,000 cubic yards to date. **Lower**—Contract is 49% complete. Contractor has placed 51,000 of required 80,000 cubic yards. Phase 2 task order was awarded Sept. 7. Awaiting Notice to Proceed.

**Island 8 (Relief Wells)**

- **Forecasted award:** July 2012
- **Forecasted completion:** December 2013

112 relief wells will improve the resiliency of a mainline Federal levee protecting 350,000 acres in Kentucky and Tennessee. Contract was awarded on July 31, 2012, for $4,190,682 to Jerry B. Young Construction, Inc. Notice to Proceed was given on Aug. 31, 2012, and contract is approximately 5% complete. Contractor has drilled 32 pilot holes and begun clearing the site.

**Cairo-Mound City (Slurry trench)**

- **Forecasted award:** November 2012
- **Forecasted completion:** December 2013

Two landside earthen berms and 4,200 feet of soil-bentonite slurry trench will reduce the risk of seepage underneath the Ohio River levee north of Cairo. Contractor bids were opened on Aug 30, 2012 and are currently being reviewed by the Corps.

**City of Cairo Floodwall (Relief wells)**

- **Forecasted award:** August 2012
- **Forecasted completion:** September 2013

30 relief wells will reduce the risk of uncontrolled seepage underneath the floodwall and levee system in Cairo. Construction contract was awarded on Aug. 31, 2012 to Frontier Services for $1,572,350. The contractor was given Notice to Proceed on Sep. 27, 2012.