



# MISSISSIPPI-OHIO RIVER CONFLUENCE UPDATE

US Army Corps  
of Engineers

Illinois, Kentucky, Missouri, Tennessee

Memphis District

August 3, 2012

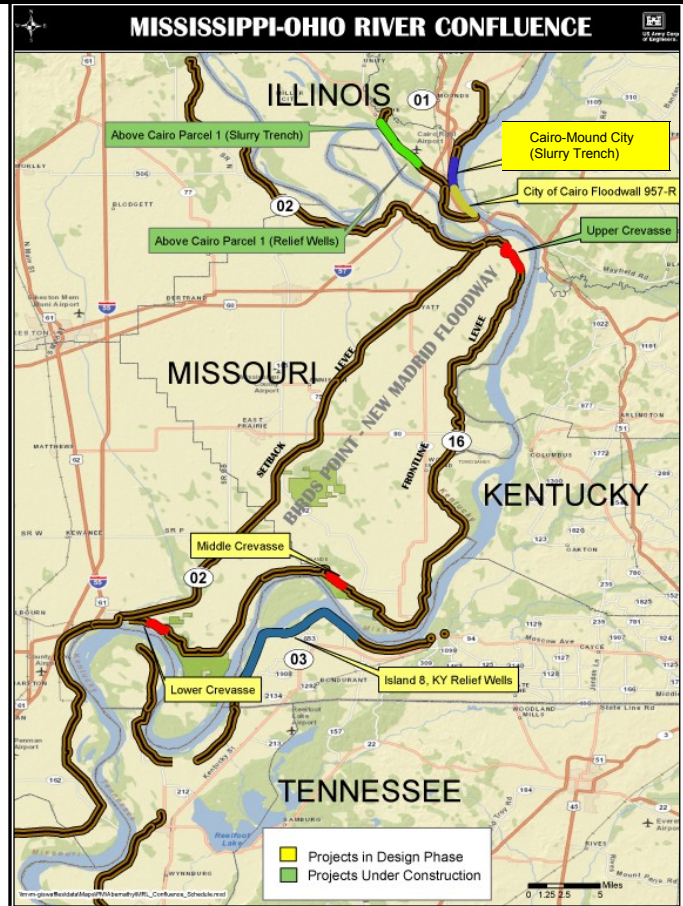
Since the last issue of this newsletter, we have continued to make excellent progress in our efforts to restore the flood risk management system in the confluence region. Good weather and low river stages have worked in our favor and we are seeing more and more activity every day.

In the Birds Point-New Madrid Floodway, we awarded Task Order #3 on July 31 to Young Construction. This Task Order allows us to take the lower crevasse to full width with a level of protection equivalent to 55 feet on the Cairo gage. We expect the contractor to begin work there soon.

At the center crevasse, construction crews from Coffey Construction have begun work on this \$1.4 million piece of the restoration solution.

We also awarded a \$4.1 million contract to install 112 relief wells at Island 8 in Fulton County, Ky., to Jerry B. Young Construction, Inc., of Lebanon, Tenn. We will be issuing a Notice to Proceed there soon.

— Col. Vernie Reichling  
Commander, Memphis District



## Above Cairo (Slurry Trench)

In construction

**Award date:** September 2011

**Forecasted completion:** January 2013

On schedule

7,200 linear feet of soil-bentonite will create an impermeable barrier, reducing the risk of seepage underneath the Mississippi River levee. Contractor is mixing slurry in ponds, in preparation for pumping slurry to trench excavation. Contractor will start excavation of slurry trench lead-in trench and will follow with excavation of the slurry trench when lead-in is complete.



## Above Cairo (Relief wells)

In construction

**Award Date:** September 2011

**Forecasted completion:** August 2012

Ahead of schedule

28 relief wells will reduce uncontrolled seepage under the Mississippi River levee north of Cairo. Existing ditches and culverts will be improved along roadways to ensure adequate drainage. Approx. 97 percent of construction is complete. Contractor will remove existing culverts along the Mississippi River levee and install new 24" culverts.



## Memphis District—U.S. Army Corps of Engineers

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

In design

On schedule

Construction began: June 2011      Forecasted completion: Dec. 2012

Task Order	Crevasse Location	Scope of work	Award	Forecasted Completion	T.O. value
TO #1	Upper	Earthwork to 55 feet (full width)	May 30, 2012	October 2012	\$2,438,963
TO #2	Center	Earthwork to 55 feet (full width)	July 13, 2012	October 2012	\$1,428,062
TO #3	Lower	Earthwork to 55 feet (full width)	July 31, 2012	October 2012	\$710,229

Phase I construction operations for the three crevasses are as follows: At the upper crevasse, the contractor is continuing excavation of the borrow pit and placement of the compacted levee embankment. Approximately 45,000 cubic yards are in place. At the center crevasse, we issued the notice to proceed (NTP) on July 30. The contractor is continuing to mobilize and has begun stripping, clearing and grubbing the scour area on the landside and reach upstream of existing blue hole on riverside of levee. We also initiated surveys and soil testing this week. Finally, we awarded the task order for the lower crevasse on July 31 and the contractor is awaiting NTP.



### Island 8 (Relief Wells)

In design

Forecasted award: July 2012  
Forecasted completion: December 2013

On schedule

112 relief wells will improve the resiliency of a mainline Federal levee protecting 350,000 acres in Kentucky and Tennessee. Engineering plans and right of way acquisition are complete. We awarded the contract on July 31 and the contractor is awaiting issuance of Notice to Proceed.



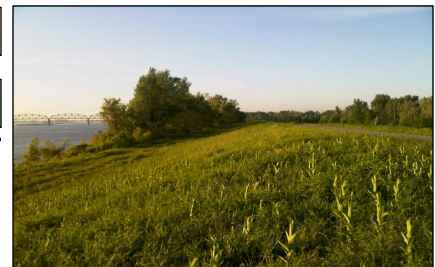
### Cairo-Mound City (Slurry trench)

In design

Forecasted award: September 2012  
Forecasted completion: December 2013

On schedule

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. Engineering plans are complete and the project is awaiting right-of-way acquisition by the project sponsor.



### City of Cairo Floodwall (Relief wells)

In design

Forecasted award: August 2012  
Forecasted completion: September 2013

On schedule

30 relief wells will reduce the risk of uncontrolled seepage underneath the floodwall and levee system in Cairo. Engineering plans are completed and the project is awaiting right-of-way acquisition by the project sponsor.

