



US Army Corps  
of Engineers

# MISSISSIPPI-OHIO RIVER CONFLUENCE UPDATE

Illinois, Kentucky, Missouri, Tennessee

## Memphis District

June 15, 2012

This is an exciting time for us. The Memphis District, along with our many partners in the Confluence area, is beginning the critically important work of fully restoring the region's flood risk management system following last year's epic flooding.

Work in the area around Cairo, Ill., is really getting going. Thanks to favorable weather conditions we are ahead of schedule on some of the work in that area.

In Fulton County, Ky. our partners are nearing the completion of acquiring the necessary lands and we will be moving forward with awarding that work later this year.

At the Birds Point-New Madrid Floodway levee we have requested the contractors provide us cost proposals for the first phase of construction at the center crevasse.

And effective this afternoon (June 15), we gave contractor Young's General Contracting the Notice to Proceed on Task Order #1 to raise the levee at the upper crevasse to the full levee cross-section at a level of protection equivalent to 55' on the Cairo (Illinois) gage.

The journey to complete restoration in the Confluence area has begun. There is much to do, there are many steps along the way and challenges to overcome. But with the cooperation and assistance of our many partners I am confident that we can meet those challenges.

— Col. Vernie Reichling  
Memphis District Commander



### 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. The site was cleared last fall before the project entered a non-work period. The contractor has resumed construction and is preparing the work pad for trench construction.



### 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. Approximately 87 percent of construction is complete. We project he will finish the work this summer.



## 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	September 2012	\$2,438,963
TO #2	Center	Earthwork to 55 feet (full width)	RFP Jun 13, 2012		

Since awarding Task Order #1(TO #1) the Memphis District has been working with the contractor to complete the necessary actions required before initiating construction. We held a pre-work conference with the contractor today and the "Notice To Proceed" (NTP) was issued at the conclusion of the meeting. On June 13, we requested the three contractors who were awarded the Multiple Award Task Order Contract (MATOC) to provide cost proposals for construction at the center crevasse. As with TO #1, TO #2 will be used to construct the earthen embankment to an equivalent of 55' on the Cairo gage and full width. TO #2 will also include placement of clay material atop the dredged fill and rock placement riverside of the levee to guard against erosion of the dredged fill. The photos show current conditions at the upper crevasse (below, left) and the center crevasse (below, right).



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



### 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 in Cairo. Engineering plans are completed and the project is awaiting right-of-way acquisition by the project sponsor.

