



MISSISSIPPI-OHIO RIVER CONFLUENCE UPDATE

US Army Corps
of Engineers

Illinois, Kentucky, Missouri, Tennessee

Memphis District

April 20, 2012

The Corps remains committed to reducing the risk to those who live and work in the confluence area. Over the last several months, your district engineers have focused their efforts on plans and specifications for the scheduled work at the Birds Point-New Madrid (BP-NM) Floodway, Mo.; at Cairo, Ill.; and at Fulton County, Ky.

We continue to make progress as we work closely with our partners throughout the region on obtaining rights-of-way and identifying borrow areas for construction. We conducted our first contractor site visit in the BP-NM Floodway with more than thirty contractor representatives, as we move forward in our process to award a Multi-Award Task Order Contract (MATOC) at the end of May.

Lastly, I spent time on Capitol Hill briefing our Congressional Members on the schedule for each project and the associated risk. This area remains the district's top priority and it will require continued teamwork to accomplish our mission. Essayons!

— 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. Excavation for the slurry trench will begin when field conditions and river stages allow. This contract is valued at \$5.4 million.



Above Cairo (Relief wells)

In construction

Award Date: September 2011

Forecasted completion: January 2013

Ahead of schedule

28 relief wells will reduce uncontrolled seepage underneath the Mississippi River levee north of Cairo. Existing ditches and culverts will be cleaned along roadways to ensure adequate drainage. Thanks to favorable field conditions this winter we project the contractor will be able to finish the work this summer. This contract is valued at \$1.2 million.



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 Estimated value: \$44.7 million

Task Order	Crevasse Location	Scope of work	Forecasted Award	Forecasted Completion	T.O. value
TO #1	Upper	Earthwork to 55 feet (full width)	May 2012	September 2012	—
TO #2	Center	Earthwork to 55 feet (full width)	June 2012	September 2012	—
TO #3	Lower	Earthwork to 55 feet (full width)	June 2012	September 2012	—
TO #4	Upper	Earthwork 55 to 62.5 feet*	September 2012	December 2012	—
TO #5	Center	Earthwork 55 to 62.5 feet*	September 2012	December 2012	—
TO #6	Lower	Earthwork 55 to 62.5 feet*	September 2012	December 2012	—

***Schedule is highly dependent on risk mitigation within the confluence area and updating operational plans. Also includes installation of activation method and any required seepage control measures.**

Current protection is to 55' at the upper and center crevasses and 51' at the lower crevasse. Memphis District labor forces are in the process of dewatering the borrow pit for the upper crevasse (below left) and upon completion will do the same for the other borrow pits. We conducted a site visit for prospective bidders on April 12 (below right). Proposals for the overall contract and TO #1 are due May 1. The solicitation is posted on the Federal Business Opportunities website:

https://www.fbo.gov/index?s=opportunity&mode=form&id=dfc05c9935e091ce847ccbd331432879&tab=core&_cvview=1



Island 8 (Relief Wells)

In design

Forecasted award: July 2012
Forecasted completion: December 2013

On schedule

111 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. The estimated project value is \$6.0 million.



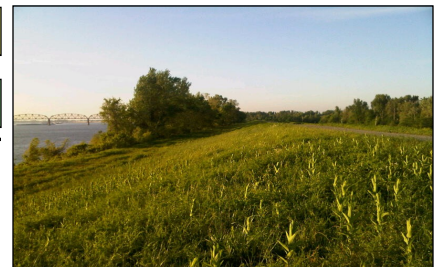
Cairo-Mound City (Slurry trench)

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. The estimated project value is \$8.5 million.



City of Cairo Floodwall (Relief wells)

In design

Forecasted award: August 2012
Forecasted completion: December 2013

On schedule

28 relief wells will reduce the risk of uncontrolled seepage underneath the floodwall in Cairo. Engineering plans are near completion and the project is awaiting right-of-way acquisition by the project sponsor. The estimated project value is \$2.5 million.

