



US Army Corps
of Engineers

MISSISSIPPI-OHIO RIVER CONFLUENCE UPDATE

Illinois, Kentucky, Missouri, Tennessee

Memphis District

August 16, 2012



Discharge pit and drill rig in action at above Cairo relief wells.



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 contractor has begun excavating and backfilling slurry trench, as shown in the photo at right. Contractor has completed 300 feet of trench and is approximately 18% complete with the construction contract.



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 97% of the construction is complete. We project he will finish the work this summer. 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)

In design**On schedule****Construction began:** June 2011**Forecasted completion:** Dec. 2012

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

.Phase 1 construction operations for the three crevasses are as follows: Upper—Contract is currently 55% complete (Scheduled Progress – 40%). Contractor continues excavation of borrow pit and placement of compacted levee embankment. Approximately 135,000 yd³ are in place of 245,000 yd³. Middle—Contract is currently 21% complete (Scheduled Progress – 20%). Contractor has completed clearing, grubbing, and stripping operations and is currently excavating borrow area and placing fill on the river side of levee to build a footprint for the new alignment. 15,000 yd³ of compacted impervious fill has been placed. Lower—Contract was awarded 31 July. Preconstruction meeting is scheduled for 21 Aug.



Island 8 (Relief Wells)

In construction**Forecasted award:** July 2012**Forecasted completion:** December 2013**On schedule**

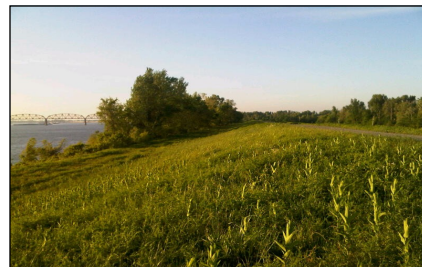
112 relief wells will improve the resiliency of a mainline Federal levee protecting 350,000 acres in Kentucky and Tennessee. Contract was awarded on July 31, 2012 for \$4,190,682 to Jerry B. Young Construction, Inc. The preconstruction meeting and notice to proceed will occur in early September.



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.

