



MISSISSIPPI-OHIO RIVER CONFLUENCE UPDATE

US Army Corps
of Engineers

Illinois, Kentucky, Missouri, Tennessee

Memphis District

November 16, 2012

The construction projects in Cairo, IL and in Kentucky are underway. At the Above Cairo, IL., Slurry Trench, the contractor continues to excavate and backfill the slurry trench. The contractor has begun installation of the relief wells at the City of Cairo, IL. The Cairo-Mound City Slurry Trench contract has been awarded. And, at Island 8, KY, the contractor continues with drilling pilot holes and excavating ditches.

The Birds Point-New Madrid Floodway Project continues to be a good news story and work is continuing in the reconstruction of the levee system. Phase 1 of all crevasses is complete. Phase 2 operations at the upper and center crevasses are underway with installation of the pipe system and placement of the levee embankment. Phase 2 of the lower crevasse is underway. Contractor has begun placing levee embankment.

The projected weather forecast is predicting minimal precipitation, favorable weather and low river stages which will continue to allow the construction crews to make favorable progress on all the work items.

Regina Kuykendoll Cash - Project Manager



Above Cairo (Slurry Trench)

In construction

Awarded: 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 5,700 feet of trench and is approximately 72% complete with the construction contract.



Above Cairo (Relief wells)

COMPLETED

Awarded: September 2011

Completion Date: 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)

In construction

On schedule

Construction began: June 2011 Forecasted completion: Dec. 2012

Phase	Location	Scope of work	Award	Forecasted Completion	T.O. value
P #1	Upper	Earthwork to 55 feet (full width)	May 30, 2012	Sep. 28, 2012	\$2,438,963
P #1	Center	Earthwork to 55 feet (full width)	July 13, 2012	Sep. 25, 2012	\$1,428,062
P #1	Lower	Earthwork to 55 feet (full width)	Aug. 1, 2012	Nov 1, 2012	\$710,229
P #2	Upper	Earthwork to 62.5' with op mech	Aug. 14, 2012	December 2012	\$2,254,893
P #2	Center	Earthwork to 62.5' with op mech	Sep. 19, 2012	December 2012	\$2,734,900
P #2	Lower	Earthwork to 62.5' with op mech	Sep. 7, 2012	December 2012	\$1,850,913

Phase 1 construction operations for the three crevasses are complete except for turfing: **Upper**— Phase 2—Contract is 43% complete. Contractor has installed 6,759 of 10,280 feet of pipe landside and riverside and 1,825 of 10,280 ft of centerline pipe. Contractor has placed approximately 50,000 of 97,000 cubic yards of levee embankment. **Middle** – Phase 2 — Contract is 45% complete. Approximately 5,900 feet of levee to pipe grade. Contractor has placed approximately 40,000 of the required 81,000 cubic yards of impervious fill to date. Contractor has installed and backfilled 10,500 of 32,000 ft of levee sections with riverside/landside/centerline pipes. **Lower**— Phase 2 - Contractor has hauled, placed and compacted 12,000 cubic yards of fill to date. Contractor has compacted 2,000 ft of embankment to 57 ft on the Cairo gage. Contractor has pipes on site for fusing and installation.



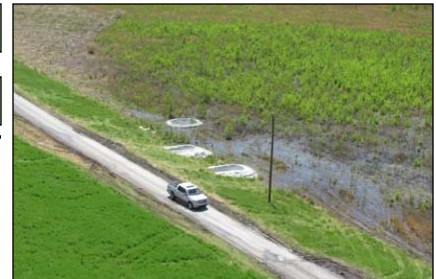
Island 8 (Relief Wells)

In construction

Awarded: 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. Notice to Proceed was given on Aug. 31, 2012, and the contract is approximately 16% complete. Contractor has drilled 74 pilot holes and begun clearing the site and excavating the ditches.



Cairo-Mound City (Slurry trench)

In construction

Awarded: October 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. Contract was awarded on October 19, 2012, and the preconstruction meeting is being scheduled. Notice to Proceed has not been provided yet.



City of Cairo Floodwall (Relief wells)

In construction

Awarded: 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. The contractor was given Notice to Proceed on Sep. 27, 2012 and the contract is approximately 30% complete. Contractor has begun installing relief wells.

