



US Army Corps
of Engineers

MISSISSIPPI-OHIO RIVER CONFLUENCE UPDATE

Illinois, Kentucky, Missouri, Tennessee

Memphis District

December 7, 2012

The construction projects in Cairo, Ill., and Fulton County, Ky., continue. At the Above Cairo, Ill., Slurry Trench, the contractor continues to excavate and backfill the slurry trench. The contractor has installed 26 of 30 relief wells (RW) at the City of Cairo, Ill., RW project. The Cairo-Mound City Slurry Trench contract has been awarded and Notice to Proceed has been issued. And at Island 8, Ky., the contractor continues with drilling pilot holes and excavating ditches.

Work continues on the Birds Point-New Madrid Floodway Project with the reconstruction of the levee system. Phase 1 of all crevasses is complete. Phase 2 at the upper crevasse continues with installation of the pipe system and placement of the levee embankment. Phase 2 at the center crevasse continues with the layout of the berm and impending construction. And, Phase 2 of the lower crevasse continues with the placement of the levee embankment.

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 6,980 feet of trench and is approximately 83% 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

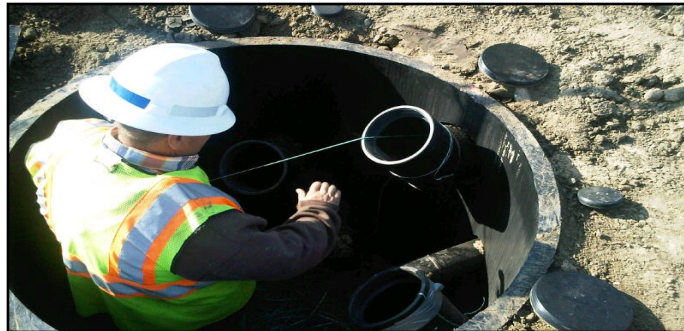
On schedule

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 turbing: **Upper**— Phase 2—Contract is 67% complete. Contractor has installed 9,000 of 10,280 feet of pipe landside and riverside and 6,000 of 10,280 ft of centerline pipe. Contractor has placed approximately 87,000 of 97,000 cubic yards of levee embankment. **Middle** – Phase 2 — Contract is substantially complete (levee to 62.5 ft and operating mechanism installed). Contractor has begun layout of the landside berm and will begin construction next week. **Lower**— Phase 2 - Contractor excavating borrow and placing and compacting fill on levee to a height of 58-59 feet on the Cairo gage. All landside and riverside pipes are fused. Two-thirds of the centerline pipes are fused. Pipe installation to begin next week.



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 26% complete. Contractor has drilled 93 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 Oct. 19, 2012, and the preconstruction meeting and Notice to Proceed occurred on Dec. 6, 2012.



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 Sept. 27, 2012 and the contractor is approximately 65% complete with construction. Contractor has installed 26 relief wells.

