



MISSISSIPPI-OHIO RIVER CONFLUENCE UPDATE

US Army Corps
of Engineers

Illinois, Kentucky, Missouri, Tennessee

Memphis District

January 18, 2013

Work continues at the Above Cairo, Illinois, Slurry Trench project with the placement of the semi-compacted fill on the riverside slope as weather permits.

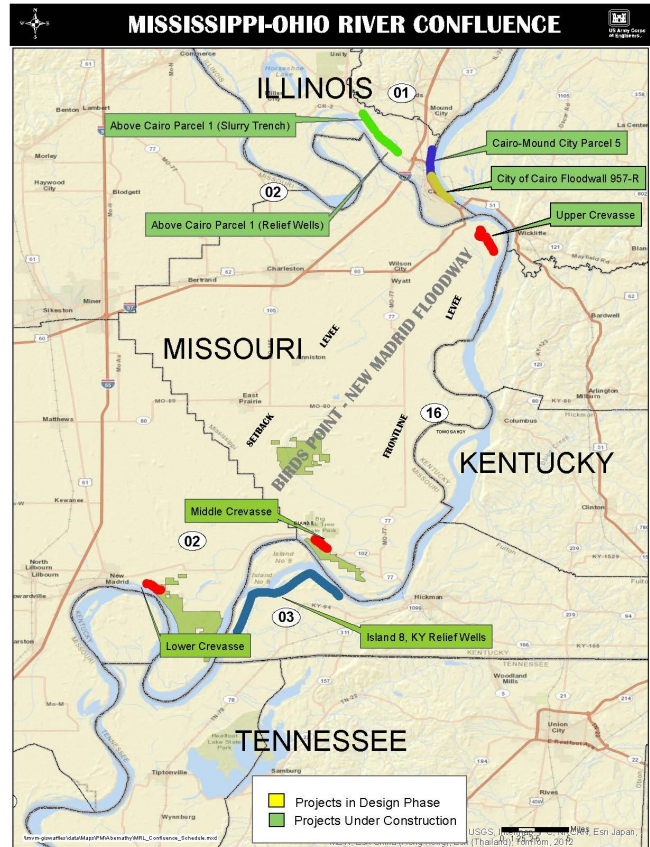
The Contractor has drilled and installed all 30 relief wells for the City of Cairo, Illinois, Relief Wells project. Contractor continues with the drainage work and the development and testing of the relief wells.

The Cairo-Mound City Slurry Trench contract has been awarded and is in the non-work period.

And at Island 8, Kentucky, the contractor has drilled all of the 112 pilot holes.

Work continues to progress on the Birds Point-New Madrid Floodway Project with reconstruction of the levee system. For the Upper and Center Crevasses, the levee is constructed to its authorized height with the operating mechanisms installed and construction continues at the Lower Crevasse.

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 completed excavating and backfilling the slurry trench and is backfilling work platforms. Contractor is approximately 94% 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: 1st Quarter 2013.

The Birds Point-New Madrid Floodway Upper and Center Crevasses have been restored to full operational status. The front line levee provides a level of protection equivalent to 62.5' on the Cairo, Illinois, gage, and can be operated to provide relief to the regional flood risk reduction system in the event of flooding higher than that level. Construction at the Lower Crevasse continues. The levee embankment is at 58ft on the Cairo gage for the entire length of the levee. The Contractor has mobilized the excavator for trenching and is on site prepping the levee embankment to begin trenching.



On left, Contractor is placing levee embankment to full height on downstream end of Upper Crevasse. On right, Contractor is building haul road from sand deposited from scour to begin hauling and building landside berm at Center Crevasse.

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 30% complete. Contractor has drilled all of the 112 pilot holes and has begun installing drainage culverts and excavating the ditches, as shown in the picture to the right.



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. Contract is in non-work period.



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 77% complete with construction. Contractor has installed all the relief wells.

