



MISSISSIPPI-OHIO RIVER CONFLUENCE UPDATE

US Army Corps
of Engineers

Illinois, Kentucky, Missouri, Tennessee

Memphis District

February 1, 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.

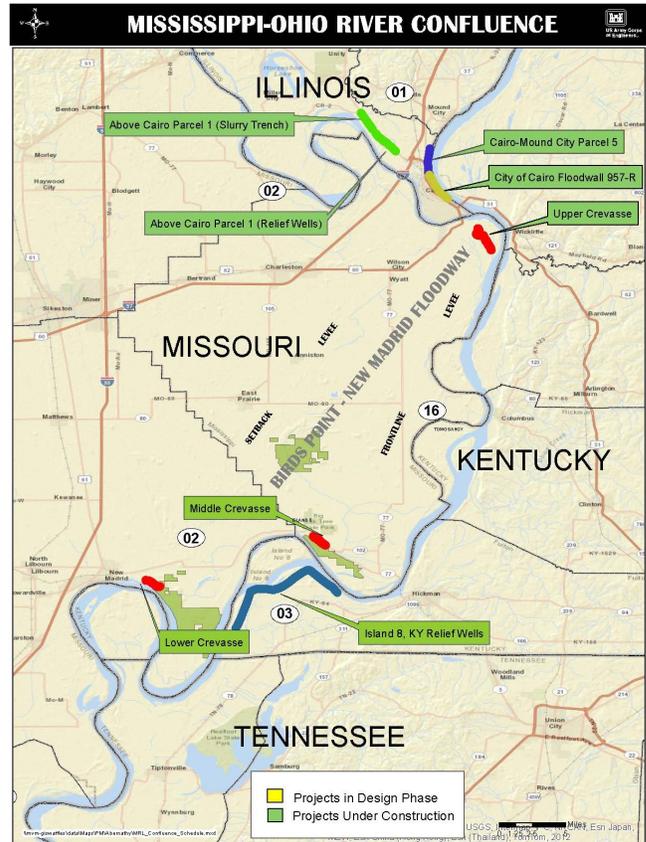
The Contractor has installed, tested, and sealed all 30 relief wells for the City of Cairo, Illinois, Relief Wells Project and is continuing the drainage work.

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 and begun installing the wells.

Work continues to progress on the Birds Point-New Madrid Floodway Project with reconstruction of the levee system. At 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)

Awarded: September 2011
Forecasted completion: January 2013

COMPLETED

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. Slurry trench is complete. Progress on remaining earth work continues.



Above Cairo (Relief wells)

Awarded: September 2011
Completion Date: August 2012

COMPLETED

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 58 feet on the Cairo gage for the entire length of the levee. The Contractor has installed 9 of 12 access wells and will begin trenching when weather and ground conditions permits. Hauling of sand and construction of the landside berm continues at the Center Crevasse. Video inspection of the pipes and backfilling of access wells continue at the Upper Crevasse.



On left, contractor is has installed access wells and has levee to grade for trenching pipes at Lower Crevasse. On right, contractor continues moving 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 41% complete. Contractor has drilled all of the 112 pilot holes and has begun installing the relief wells and 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. Notice to Proceed was given on Sept. 27, 2012 and the contractor is 85% complete with construction. Contractor has installed and tested all the relief wells and continues drainage improvements.

