

U.S. Army Corps of Engineers Chain of Rocks

The Chain of Rocks levee is located in Madison County, Ill., in the vicinity of Granite City and East St. Louis. The levee was authorized to a height equal to 54 feet on the St. Louis gage.

This levee is one segment of the Metro East Sanitary District Levee System.

The Federal levee did not perform satisfactorily during the flood of 1993. Sand boils developed along a large portion of the levee, indicative of significant underseepage problems.

As of Fiscal Year 2013, the federal government has invested more than \$59 million in restoration and deficiency corrections.

This project is scheduled to be complete in 2014.

To date, the federal project has already corrected most of the design deficiencies. The completed work has greatly reduced risk to those living and working in the Metro East. The Chain of Rocks levee currently provides the greatest level of protection of all the levees in the Metro East.

Completed work includes:

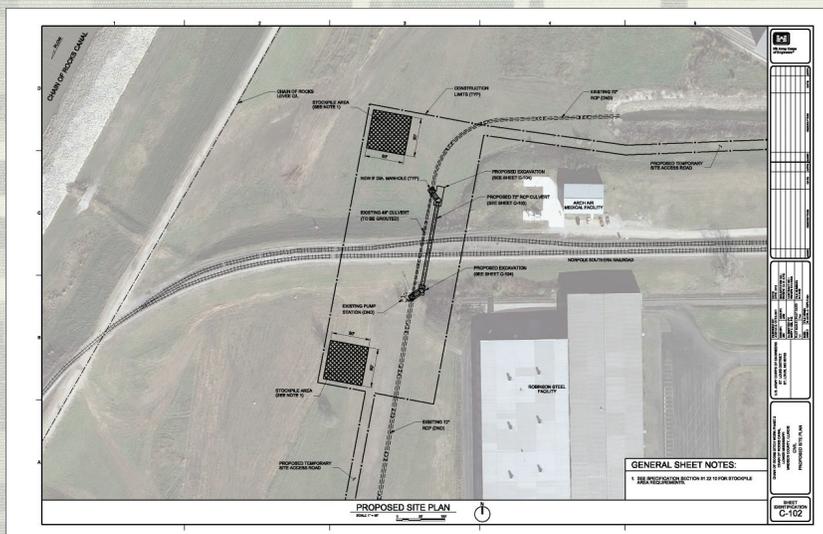
- A new pump station capable of pumping 155 cubic feet per second
- Construction of levee berms to control seepage
- Rehab or installation of relief wells

Future work includes:

- Contract closeout of pump station
- Complete construction of remaining 37 relief wells
- Complete Phase 2 Ditch Work without interruption to railroad traffic on the spur or emergency helicopters using the nearby landing pad



Above: The new pump station construction and testing was completed in June 2013. Below: Phase 2 Ditch improvements will improve internal drainage.



**US Army Corps
of Engineers®**
St. Louis District

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