



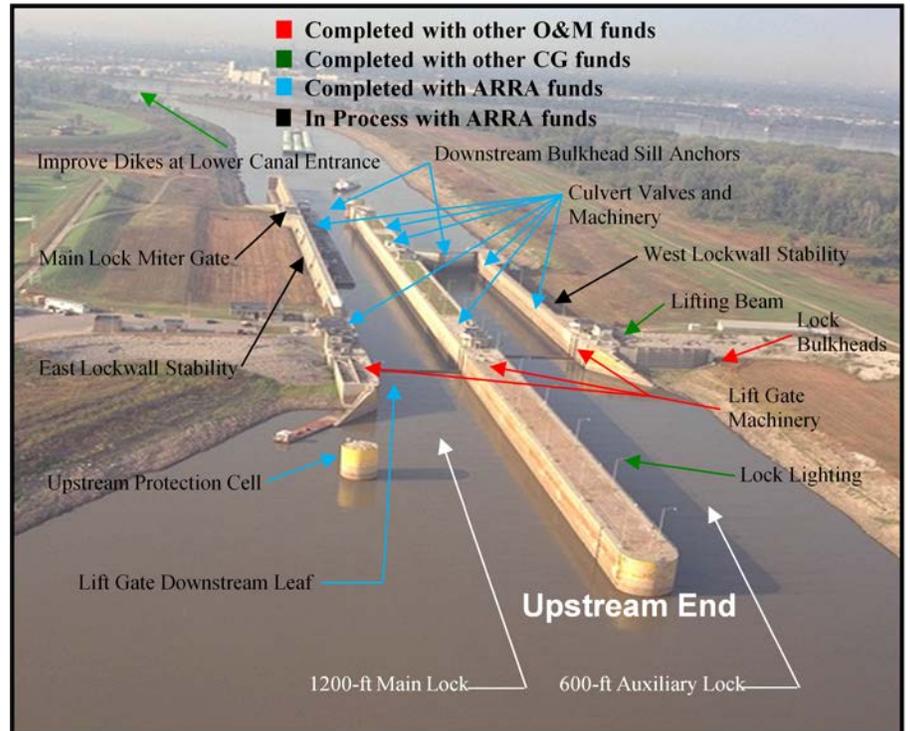
Locks No. 27, Mississippi River, IL (Major Rehabilitation)

U.S. ARMY CORPS OF ENGINEERS

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AUTHORIZATION:

The River and Harbor Act of 1945 provided the original authorization for the Locks No. 27 project. The Water Resources Development Acts of 1986 and 1992 provided further authorizations.



Location and Description:

Locks 27 is located in Madison County, Illinois, on the Chain of Rocks Canal at approximately Mile 185.1 above the mouth of the Ohio River in Granite City, Illinois. The main lock is 1,200 feet long and the auxiliary lock is 600 feet long. Due to extreme deterioration, funds were diverted from other needed maintenance to complete two major rehabilitation features (lock bulkheads; lift gate machinery for both leaves of the main lock and the downstream leaf of the auxiliary lock). The major rehabilitation work includes replacement of main lock lift gate downstream leaf, culvert valves for both locks, lock bulkheads lifting beam, lock lighting, culvert valve machinery for both locks, main lock miter gate, downstream bulkhead sill stability anchorages in both locks, and upstream protection cell; and restoration of lock wall stability using rock anchors.

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