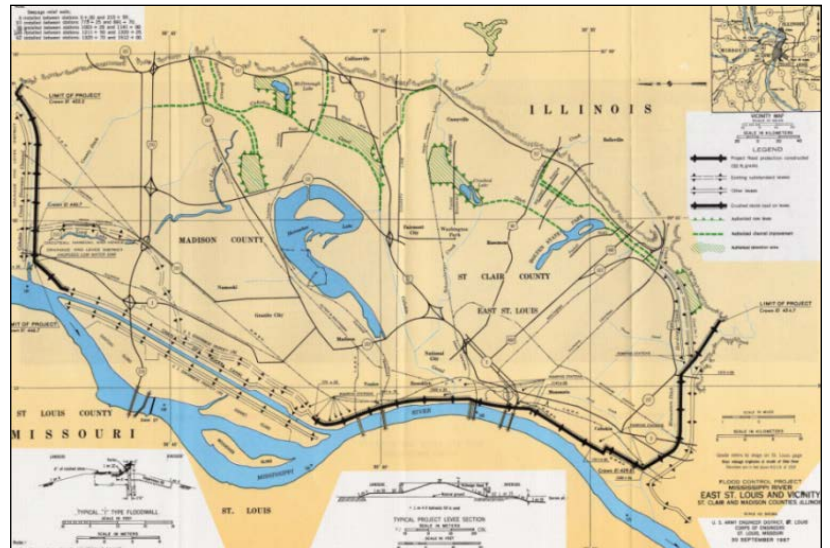




AUTHORIZATION:

Flood Control Act of 1936; Energy and Water Development Appropriations Act of 1988 (Public Law 100-202)



Location and Description:

The East St. Louis levee system is located in St. Clair and Madison Counties, IL, along the left descending bank of the Mississippi River between river miles 175 and 195 above the Ohio River. The levee system was designed to withstand a flood at 54 feet on the St. Louis gage; approximately a 0.2 percent chance of exceedance (500-year event) and provides flood protection to approximately 250,000 residents and over \$4.5 billion in economic value. The system is aged and requires rehabilitation. The East St. Louis, Illinois, project consists of the rehabilitation and/or closure of 21 small gravity drains, 10 large gravity drains (gatewells), 20 closure structures, and 300 relief wells; minor floodwall and levee rehabilitation work; rehabilitation of 12 pumping stations and 3 drainage control structures; replacement of 3 bridge structures; abandonment and removal of 4 bridge structures; and 6 segments of channel rehabilitation. All bridge work is 100 percent non-Federal. The rehabilitation project also includes the development of a Limited Reevaluation Report (LRR) that addresses design deficiencies in underseepage and through seepage controls. The deficiency correction project consists of 305 new relief wells, grouting 312 wood stave relief wells, ditching and pipe collector systems, a seepage pump station, a lift station, a variable frequency drive, seepage berms, cutoff walls, riverside clay blanket, and environmental and archeological mitigation work.