



# St. Louis Flood Protection, MO

U.S. ARMY CORPS OF ENGINEERS

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## AUTHORIZATION:

Public Law 84-256 dated 9 August 1955

## Location and Description:

The existing project is located in St. Louis, Missouri, on the right bank of the Mississippi River between Miles 176.3 and 187.2, above the mouth of the Ohio River. The existing project consists of 11 miles of flood protection by a combination of floodwalls, levees, closure structures, pump stations, gravity drains, relief wells and other underseepage control measures, and pressure sewer emergency closure gatewells. The project protects approximately 3,160 acres of industrial and commercial development from Mississippi River flooding. The flood protection system was constructed with inadequate closure structures and underseepage protection. These design deficiencies must be corrected to ensure that the system provides its authorized level of service. The recommended deficiency corrections include replacing swing gates at 20 closure structures, permanently closing openings at 13 closure structures, installing 70 new relief wells, replacing 103 existing relief wells needed to improve underseepage control, and planting bottomland hardwoods to mitigate for 0.1-acre of impact.

