



Location

Rock Island District

State(s)

IA,IL,MO

Congressional District(s)

IA-1, IA-2, IA-3, IA-4, IL-11, IL-13, IL-14, IL-15, IL-16, IL-17, IL-18, IL-2, IL-3, MN-1, MN-7, MO-6, WI-1, WI-2, WI-3, WI-5, WI-6

Status

Structures associated with Public Law 84-99 Flood Risk Management Systems have been field surveyed and entered into the National Levee Database. The Rock Island District has completed over 825 linear miles of these qualifying levee systems along the Upper Mississippi River.

Description

The need to develop a comprehensive national database of levees was recognized as FEMA's nation-wide digital flood insurance rate map (DFRIM) modernization program advanced. The criticality of this need was brought to the forefront by Hurricane Katrina. Subsequent Congressional action provided the USACE with the resources necessary to design and build a National Levee Database (NLD). This initial development of the NLD included only those levees active in the Public Law 84-99 program. There are over 825 linear miles of levees within in the Rock Island District that qualify for NLD development; however, other levees constructed in the District may be entered after determination of eligibility.

Summarized Project Costs

Federal Cost	\$1,585,600
Non-Federal Cost	\$0
Total Cost	\$1,585,600
Federal Allocations through FY 2015	\$1,585,600
Federal Allocation for FY 2016	\$278,700
Balance to Complete	\$278,700

Major Work Item (This Fiscal Year)

FY2016: The response to the 2008 flood along the Mississippi River may have impacted elevation levels of those impacted levee systems in the District. The centerline elevations of those levees in the NLD is in the process of being updated within the District. The USACE is charged in WRDA 2007 with creating an inventory of federally constructed levees. The 2013 discovery of archived documents from the 1940's indicate federal involvement in construction of potentially several hundred miles of levees under the Works Progress Administration. These levees are not currently enrolled in the PL84-99 program. To fulfill the mandate contained in WRDA, USACE is researching the potential and policy implications for the NLD



survey, and subsequent inspection and levee risk screening tasks of the Levee Safety Program and under what authority will the surveys be undertaken. Costs if required to conduct the NLD survey of these levees are likely to approach the FY 2012 allocation.

Major Work Item (Next Fiscal Year)

FY2017: A levee system comprises one or more levee segments and other features that collectively are integral to excluding flood waters from the leveed area. These levee features may consist of embankment sections, floodwall sections, closure structures, pumping stations, and interior drainage works. There are a number of levee segments/systems in the USACE levee portfolio that tie into manmade Non-Project Segments that are either not part of the federally authorized project and/or are not active in the Rehabilitation Program. A Non-Project Segment is a form of manmade high ground which a levee system/segment ties into, whose existence and performance is necessary for excluding flood waters from the leveed area. Some examples of these are roadway, railroad, canal, and other levee embankments. These features are to be added to the NLD if they are determined to be an integral component of precluding water from the leveed area.

Authority Details

Flood Control & Coastal Emergencies (FCCE) , P.L. 84-99

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