



**US Army Corps
of Engineers**®

St. Louis District

Illinois Levee Status As of 14 December 2007

Wood River Drainage and Levee District

Authorized level of protection: 500 year

Length: 20.8 miles

Protects: 13,700 acres, 23,000 residents, refinery and chemical manufacturing area

Concern: Inadequate seepage controls and deteriorating corrugated metal pipes (CMP).

Status:

- Reevaluation Report examining underseepage issues approved and funding requested
- Continuing design work for first contract (portion of relief wells)
- Funding required to start construction
- WRDA 2007 provided authorization for remaining reconstruction features

Solution:

- Approved work includes replacing existing relief wells and installing new relief wells
- Recommend reconstruction or replacement of various components of closure structures, gravity drains and pump stations (this work is pending funds)

E. St. Louis Drainage and Levee District

Authorized level of protection: 500 year

Length: 31 miles (includes Chain of Rocks Canal East Levee)

Protects: 85,000 acres, 250,000 residents, \$1 billion in economic value

Concern: Inadequate seepage controls and deteriorating corrugated metal pipes (CMP), pump stations and closure structures.

Status:

- Ongoing rehabilitation of system infrastructure is 93 percent complete
- Sponsor's funding in place for authorized work
- Addressing underseepage requires additional study
- General Design Memorandum Supplement – pending completion

Solution:

- Ongoing work includes rehabilitation of gravity drains, closure structures, relief wells, pumping stations, and closure structures
- Solutions for underseepage requires additional study

Chain of Rocks Canal East Levee

Authorized level of protection: 500 year

Length: 31 miles (includes E. St. Louis Drainage and Levee District - MESD)

Protects: 85,000 acres, 250,000 residents, \$1 billion in economic value

Concern: Inadequate seepage controls.

Status:

- Chain of Rocks Canal Design Deficiency Report is approved
- Funding requested
- Under construction – approximately 35 percent complete

Solution:

- Installation of new relief wells; construction of levee berms and a pump station

Prairie Du Pont Levee & Sanitary District

Authorized level of protection: 500 year

Length: 10.3 miles

Protects: 9,560 acres

Concern: Inadequate seepage controls and deteriorating corrugated metal pipes (CMP).

Status:

- Reconnaissance Report identified design deficiencies and reconstruction needs
- Recommended follow-on investigation
- Awaiting funds to begin study

Solution:

- Still to be determined but will likely include the rehabilitation and replacement of existing relief wells and possibly the construction of additional relief wells, and rehabilitation of some corrugated metal pipes.

Fish Lake Drainage & Levee District

Authorized level of protection: 500 year

Length: 4.9 miles

Protects: 2,440 acres

Concern: Inadequate seepage controls and deteriorating corrugated metal pipes (CMP).

Status:

- Reconnaissance Report identified design deficiencies and reconstruction needs
- Recommended follow-on investigation
- Awaiting funds to begin study

Solution:

- Still to be determined but will likely include the rehabilitation and replacement of existing relief wells and possibly the construction of additional relief wells, and rehabilitation of some corrugated metal pipes.