



Memo to: Board of Directors  
From: Chuck Etwert  
Subject: Program Status Report for July 2018  
Date: July 16, 2018

### **100-Year Certification Packages Status**

#### East & West Fork Levee Systems

Submitted by Wood on December 5, 2016  
FEMA Completeness Check and Comments received January 26, 2018  
Resubmitted to FEMA June 29, 2018

#### Prairie Du Pont & Fish Lake Levee Systems

Submitted by Wood on July 6, 2017  
FEMA Completeness Check and Comments received January 26, 2018  
Resubmitted to FEMA June 29, 2018

#### Lower Wood River Levee System

Submitted by Wood on October 17, 2017  
FEMA Completeness Check and Comments received April 20, 2018  
Resubmitted to FEMA July 13, 2018

#### Upper Wood River Levee System

Submitted by Corps of Engineers on March 10, 2017  
Comments received from FEMA September 5, 2017  
Resubmitted to FEMA on June 18, 2018

#### MESD Levee System

Wood submitted information to the Corps of Engineers December 2017  
Corps of Engineers completed technical review and issued comments on May 7, 2018  
Wood responded to comments on June 13, 2018  
Corps of Engineers submittal to FEMA anticipated by August 31, 2018

The 100-Year Certification review and submittal process continues to make progress. Four packages have been resubmitted to FEMA. The remaining package for the MESD Levee System, is anticipated to be submitted by the Corps of Engineers by the end of August.

As previously indicated, FEMA has a backlog of work and it is anticipated the accreditation review and approval process will take up to a year. Approval of the MESD package, the last package being submitted, isn't expected until late summer of 2019

## **500-Year Authorized Level Status**

### Wood River Levee System

The Corps of Engineers has officially informed the Council that it will not need the \$2,600,000 requested and approved by the Council, earlier this year in January, for the Wood River Deep Cutoff Wall Phase 2 Option. A relief well solution costing less, has been identified as part of the risk assessment process. A copy of their letter, indicating they will not need the funds, is attached.

Wood is completing the design of Bid Package #8, which consists of 27 Relief Wells and one Pump Station, with a total estimate construction cost of \$4.3 million dollars. In order to utilize existing funds, the Corps of Engineers will be constructing Bid Package #8.

Bid Packages #9 & #10 on are hold pending the completion of the Corps' Risk Assessment & Supplemental Report, which isn't expected to be completed until January 2019.

The Council still anticipates receiving the Corps' preliminary cost estimate for the Wood River Authorized Level Improvements by the end of the July.

As you are aware, the Corps of Engineers didn't receive any FY18 Work Plan Funding for East St. Louis and have indicated they prefer to not reprogram any Wood River funds to East St. Louis. With significant progress being made on the Wood River Supplemental Report, they now believe all the funds can be utilized in Wood River. A copy of their letter, indicating they will not be resubmitting their request for reprogramming of funds from Wood River, is attached.

### MESD Levee System

The Corps of Engineers continues to complete the design of the East St. Louis Deep Cutoff Wall Project, to be ready to go, if FY19 Work Plan Funds are received. In conjunction, the Council continues to work with the Corps and MESD, following Federally Funded guidelines, regarding utility relocations, easement preparation, and easement obtainment. As design has been completed, the original scope of work has increased, which will require an amendment to Wood Work Order #18. These costs are eligible to be included in the Land Easements Relocations Right of Way & Disposal Sites (LERRDs) costs which can be part of the non-federal thirty five percent share of overall project costs.

The MESD Levee System Integral Determination Report (IDR) has been approved and the Project Partnership Agreement is expected to be approved in early August. This will allow the utilization of Work In-Kind Credit on the Corps' East St. Louis Deep Cutoff Wall Project, if the Corps received FY19 Work Plan Funds.

Wood continues to request and obtain information needed from the Corps, to bid and construct the Corps' Cahokia Relief Well Project which is estimated to cost \$10.6 million dollars. It consists of 51 Relief Wells and the modification to the Cahokia Pump Station. This will be identified as the Council's Bid Package #18 and will be advertised for bid later this year.

Wood is also designing Bid Package #14, a shallow clay trench and filter blanket with an estimated construction cost of \$4.3 million dollars, which will also be advertised for bid later this year.

Bid Packages #11, #12, & #13 are on hold pending the Corps' completion of the Risk Informed Design Process, which is expected later this year.

#### Prairie Du Pont/Fish Lake Levee Systems

Wood is continuing the design of Bid Packages #15, #16, and #17. Wood is currently in discussions with the Corps of Engineers, about the Authorized Level berm designs, which has taken several more months than originally envisioned. Once discussions are complete, a design, bid date schedule, and revised cost estimate will be developed.

The Corps' requirement of a Risk Assessment & Supplemental Report in Wood River, the utilization of the Risk Informed Design Process in MESD, and now the lack of funding has and will delay the Authorized Level design and construction. However, the Council continues to work with the Corps to get projects built as soon as possible. The Council constructing the Cahokia Relief Well Project designed by the Corps and the Corps building Bid Package #8 designed by Wood are examples of the cooperation to achieve increased flood protection to the Metro East.

In FY2019, the Corps will still be requesting cost-share cash funds for oversight and to satisfy the 5% cash requirement but a much lower amount than in previous years. The Council will have accumulated over \$28 million dollars in Work In-Kind Credit to cost share match available Corps funds.