



Memo to: Board of Directors
From: Chuck Etwert
Subject: Program Status Report for June 2018
Date: June 20, 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
Resubmittal to FEMA anticipated 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
Resubmittal to FEMA anticipated June 29, 2018

Lower Wood River Levee System

Submitted by Wood on October 17, 2017
FEMA Completeness Check and Comments received April 20, 2018
Resubmittal to FEMA currently anticipated by mid-July

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, 2017
Wood responded to comments on June 13, 2018
Corps of Engineers submittal to FEMA anticipated August 2018

The 100-Year Certification review and submittal process continues to make progress. Four packages will have been resubmitted to FEMA within the next thirty days. Wood resubmittals have been delayed due to the updating of the hydraulics and hydrology models to reflect the 100-Year as-built improvements. The MESD Levee System, is anticipated to be submitted by the Corps of Engineers in 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 indicated that it will not need the \$2,600,000 requested and approved by the Council earlier this year in January. The Corps has determined the Lower Wood River Deep Cutoff Wall Phase 2 Option doesn't need to be built. A relief well solution costing less is now anticipated.

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 has now requested they construct 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 September 2019.

The Corps anticipates providing the Council an updated preliminary total cost estimate for the Wood River Authorized Level Improvements in July. You will recall their previous estimate in December 2016 was more than twenty percent higher than their \$51,890,000 estimate approved in 2011, therefore, a Risk Assessment and Supplemental Report were required. Preliminary conversations with Tracey Kelsey indicate the new revised estimate may be as high as \$83,040,000 or higher, which is sixty percent more than the 2011 estimate.

A new Integral Determination Report (IDR) and Project Partnership Agreement (PPA) will also be needed, in order, for the Council to utilize Work In-Kind Credit. The PPA isn't expected to be completed until May 2019. Work In-Kind Credit can be accumulated but not utilized until the PPA is approved. A Work In-Kind Credit request of \$16,041,496 is being submitted by Wood today.

As discussed at last month's meeting, the Corps indicated our request to reprogram Wood River funds to East St. Louis would have to be updated and resubmitted. A whole year wasted. The Corps suggested waiting until they had been informed of possible East St. Louis FY18 Work Plan Funding. Unfortunately, last week, the Corps was informed that they did not receive any FY18 Work Plan Funding for East St. Louis. The Corps has now indicated they would prefer to not reprogram any funds, but utilize the funds in Wood River. They would have the East St.

Louis Deep Cutoff Wall Project designed and ready to go if they received FY19 Work Plan Funds.

MESD Levee System

In the MESD Levee System the Integral Determination Report (IDR) has been approved and the Project Partnership Agreement is expected to be approved in early August.

Wood has already received preliminary approval on \$9,131,565 of Work In-Kind Credit and has recently submitted an additional Work In-Kind Credit request for \$3,283,840. This Work In-Kind Credit was going to be utilized on the Corps' East St. Louis Deep Cutoff Wall Project, if the Corps received FY18 Work Plan Funds.

As approved last month, the Council will now 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 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 also be advertised for bid later this year.

Bid Packages #11, #12, & #13 are on hold pending the Corps utilization of the Risk Informed Design Process, which is to be completed 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 this 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.