



Memo to: Board of Directors
From: Chuck Etwert
Subject: Program Status Report for December 2019
Date: December 16, 2019

100-Year Certification Packages Status

On November 14, 2019, FEMA issued their letter of continued accreditation for the Prairie Du Pont/Fish Lake Levee System.

On April 29, 2019 FEMA accepted the MESD Levee System as structurally sound.

Wood has completed the hydraulic and hydrologic (H&H) modeling updates requested by the Illinois State Water Survey (ISWS) (who is reviewing on behalf of FEMA) and the Illinois Department of Natural Resources (IDNR) Office of Water Resources (OWR). Submittals to both ISWS and IDNR-OWR were made on November 19, 2019. After their review and approval of the H&H models, a final submittal will be made to FEMA including all up-to-date documentation. Similarly, Wood sent their updated H&H models to USACE for their use, as needed/required, in their Levee System Evaluation Report (LSER) submittal to FEMA for the Upper Wood River System.

FEMA's issuance of continued accreditation letters for the Wood River East & West Forks, and Lower Wood River Systems will be dependent on the review of the resubmittal by ISWS and the IDNR-OWR.

The Corps of Engineers continues to wait on FEMA regarding their Upper Wood River resubmittal.

500-Year Authorized Level Status

Wood River Levee System

Wood completed the design of Bid Package #8 and submitted 95% Plans/Specs/Design Document Report to the Corps of Engineers on November 12, 2019. The Corps has reviewed and offered several comments which Wood is currently addressing. Resubmittal to the Corps is scheduled for Friday, December 20th, after which, the Corps will backcheck Woods' documents and then begin their BCOES (Biddability, Constructability, Operability, Environmental and Sustainability) review on January 21, 2020. This bid package will be constructed by the Corps of Engineers with a bid opening and award anticipated next spring.

Work In-Kind credit of \$16,041,496 has been earned to date for the Wood River Levee System.

The remaining \$4,256,750 dollars of Work In-Kind credit needed, will be achieved with eligible Wood design and a relief well abandonment package.

MESD Levee System

The Cahokia Relief Well Project, Bid Package #18 – Underseepage Controls from 1207+00 to 1352+00 bids were opened on December 11, 2019 and will be discussed later as a separate item.

Wood has completed the design of Bid Package #14A, which involves the construction of a riverside shallow cutoff trench, two riverside clay blankets, and filling of a landside ditch. A pre-bid meeting was held on December 10, 2019. The current estimated cost is \$1.25 million dollars. Bid opening is scheduled for January 6, 2020, with a contract award at the January meeting.

The design of Bid Package #11 is ongoing. Design is currently anticipated to be completed in March with Board approval in May 2020. Pump station upgrades could affect the current schedule. The preliminary estimated construction cost is \$9,500,000 dollars.

Wood is developing the scope of the Council's Bid Package #18A, which involves modifications to MESD pump stations at Sites 9 and 10. Flow monitoring data obtained as part of the Bid Package 18 design will be utilized.

The Corp of Engineers opened bids for the East St. Louis Deep Cutoff Wall Project on September 23, 2019. On November 14, 2019 they awarded the contract to Bauer Foundation Corporation, Odessa, Florida for \$32,301,199.18. Tracey Kelsey will provide additional information (# of bidders, cost estimate, etc.) at the December 18, 2019.

Prairie Du Pont/Fish Lake Levee Systems

The design progress for Bid Packages #15, #16, and #17 continues to wait for the Corps' risk assessment.

The Semi-Quantitative Risk Assessment (SQRA) draft has been completed and is under review.

Once all discussions are complete, a design, bid schedule, and revised cost estimate will be developed.

The risk assessment review for possible funding not based on a benefit/cost ratio is now anticipated to be completed by summer 2020.

With the award of the Council's Bid Packages #18 & 14A and the Corps East St. Louis Deep Cutoff Wall & Wood River Bid Package #8, after two years of assessment, design, review, and approval, there will be much Authorized Level construction in 2020.

The Levee Community Preparedness Presentations with the Levee Issues Alliance and the Corps of Engineers continue to go well with a recent presentation to the Waterloo Chamber of Commerce and a presentation scheduled for the Leadership Council Board of Directors in January.