



Memo to: Board of Directors

From: Chuck Etwert

Subject: Program Status Report for November 2019

Date: November 20, 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 in accordance with Title 44 of the Code of Federal Regulations (CFR), Section 65.10. This letter was originally projected to be issued by September 30th. Documentation and certification by FEMA is a long process, Wood's initial submittal to FEMA was on July 6, 2017. A copy of the letter is attached.

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 sent yesterday. Following 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 is sending 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 has completed the design of Bid Package #8 and submitted 95% Plans/Specs/Design Document Report to the Corps of Engineers on November 12, 2019. This bid package will be constructed by the Corps of Engineers with a bid opening and award next year.

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 is now out for bid with a bid opening scheduled for December 4, 2019. A pre-bid conference with site visit was held on November 12, 2019, and was well attended. A contract award is anticipated in December.

Wood is completing 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. The current estimated cost is \$1.3 million dollars. It is currently in BCOES (Biddability, Constructability, Operability, Environmental and Sustainability) review. If the BCOES review is timely, it will be bid before the end of the month with a January 2020 contract award anticipated.

The design of Bid Package #11 is ongoing, with Wood waiting for the Corps' decision on whether pump station upgrades, Woods has deemed necessary, at the G.C.E.D. #1X pump station can be included as part of the "project" and therefore eligible for cost share. 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.

Design has not started on the Council's Bid Package #18A, which involves modifications to MESD pump stations at Sites 9 and 10 and is needed for Work In-Kind credit.

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.

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 Wood River Rotary and a presentation scheduled for the Waterloo Chamber of Commerce tomorrow.