



Memo to: Board of Directors  
From: Chuck Etwert  
Subject: Program Status Report for January 2020  
Date: January 13, 2020

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

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

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

Wood continues to wait for a response from 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) to their submittals of the hydraulic and hydrologic (H&H) modeling updates submitted 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.

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. The Corps is scheduled to

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 late spring or early summer.

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, contract authorized December 18, 2019, a pre-construction meeting scheduled for January 15<sup>th</sup>.

Bids for Bid Package #14A – Underseepage Controls from 861+00 to 863+00 were opened on January 6, 2020 and will be discussed later as a separate item.

With pump station upgrades now being included, the design of Bid Package #11 is now anticipated to be completed in the fall with a bid before the end of the year. The revised preliminary estimated construction cost is now \$10,100,000 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. Corps of Engineers is having a pre-construction meeting on January 16, 2020.

### 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.

Wood attended the PFP/FL Routine Inspection with the Corps of Engineers on January 7<sup>th</sup> and 8<sup>th</sup>.

The Semi-Quantitative Risk Analysis (SQRA) is scheduled to be reviewed by the Levee Safety Oversight Group (LSOG) in April, after which Wood can continue the design of the Authorized Level improvements.

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 Leadership Council Board of Directors last week.