



Memo to: Board of Directors
From: Chuck Etwert
Subject: Program Status Report for August 2021
Date: August 16, 2021

100-Year Certification Packages Status

In April 2021, FEMA was contacted regarding the East St. Louis/MESD Levee System, which FEMA accepted as structurally sound on April 29, 2019, to see what levee stakeholders and impacted communities needed to do for a letter of accreditation to be issued. The FPD Council has offered to assist FEMA, by contacting and encouraging the involved entities to provide to FEMA the additional needed documentation. In July, FEMA, indicated a conference call would be scheduled for the week of August 9th, this has now been moved back to the week of August 23rd.

500-Year Authorized Level Status

Wood River Levee System

Land acquisition for Authorized Level Projects continues along with preparation of LERRDs credits submittals to USACE

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 - Construction is nearly complete, with construction of the American Bottoms overflow sewer pipe remaining as the last large piece of work; this work will occur later this month and

throughout September. The river stage is very favorable right now and the minor dewatering that will be needed will start any day now. A substantial completion meeting was held on July 13 to identify loose ends than can be fixed while waiting for the river to cooperate with the efforts to install the remaining pipe.

Bid Package #14A – Construction is complete and closeout documentation is underway.

Bid Package #11 – Wood addressed all of the USACE District QA/QC review comments and resubmitted the project for USACE Corps' Agency Technical Review (ATR). Those plans were submitted to USACE on June 28. The ATR review is estimated to take 4-6 weeks once started, but as of August 12, the ATR had not yet started, as USACE is still evaluating the 95% DQC comment responses.

Following ATR, Wood will re-submit to the Corps for the Corps' Bidding, Constructability, Operability, Environmental, and Sustainability (BCOES) review. The Corps' BCOES review is anticipated to take approximately 4 to 6 weeks. Concurrent with the BCOES, a Corps-required Safety Assurance Review (SAR), also known as a Type II Independent External Peer Review (IEPR) will be conducted by an outside engineering company, Shannon & Wilson. The SAR is anticipated to take approximately 3 weeks.

Additionally, Wood is incorporating comments received from Metro East Sanitary District (MESD).

After all the Bid Package 11 reviews are complete, the project will be advertised for bid. Board approval of this project was scheduled for November 2021, but the delay in ATR Review will push board approval to at least the January 2022 meeting.

Current estimated construction cost is \$8,100,000.

Bid Package #18A – A report summarizing the results and scope recommendations is still underway and is expected to be issued in the near future. It is anticipated the estimated cost will be in the vicinity of \$4,000,000.

Land acquisition also continues along the MESD-owned levee system.

Work In-Kind credit of \$12,415,405 has been earned to date for the MESD Levee System.

Prairie Du Pont/Fish Lake Levee Systems

After waiting five months for the necessary drilling plan approval, drilling in PDP began on July 6, 2021 and was completed on July 29, 2021. The lab analyses of the soil will continue

throughout the rest of this month and into September. After the lab work is complete, the final relief well and seepage berm design for Bid Package 15 in Prairie du Pont will begin.

Due to the long review time, Wood is now preparing a drilling plan for next year's work.

The level of effort that will be required for environmental permitting is still unknown. The FPD Council and Wood are continuing to discuss this with USACE.

Wood has almost finished revising the scope of Bid Package 15 so that construction along the Prairie du Pont system can start as soon as possible. Further detail about the revised extents of the Bid Package 15 project will be presented at the next board meeting.

Designs, bid schedules, and revised cost estimates for all bid packages will be developed as collection of data is complete.

Included in your Board packet, is a copy of Wood's Monthly Construction Progress Report for August.