



Memo to: Board of Directors  
From: Chuck Etwert  
Subject: Program Status Report for September 2021  
Date: September 15, 2021

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

The FEMA conference call, regarding the additional information required from the stakeholders and impacted communities for a letter of accreditation to be issued for East St. Louis/MESD Levee System, finally took place last week on September the 8<sup>th</sup>.

Basically, FEMA is looking for confirmation of “Operation and Maintenance” manuals for certain facilities located in the MESD System, the Granite City System, and the Tri-City Regional Port System. This additional information was not included in the USACE submittal to FEMA. FEMA would like to have all requested information by the end of November.

MESD indicated they would do their best to provide everything needed for the three systems on time. No assistance is needed by the Council.

FEMA indicated their review would probably take up to sixty days and if no additional information was required, a letter of accreditation could be issued by March.

This would complete total accreditation of the Metro East Levee Systems.

FEMA also indicated that it hopes to issue new preliminary flood maps for Madison, Monroe, and St. Clair Counties next year probably in late spring or summer.

### **500-Year Authorized Level Status**

#### **Wood River Levee System**

To satisfy the Work In-Kind Credit still remaining for Wood River, the Council will probably take on one more project. The project is relatively small and includes a single seepage berm and

drainage improvements necessary in the Roxanna, IL. area. The Corps of Engineers is still working to make a decision as to the future of this project, and a decision is expected in the next few months.

Land acquisition for Authorized Level Projects continues along with preparation of the first LERRDs submittal to USACE. Wood has spoken with the Chief of Real estate in the St. Louis District and expects the review and approval of their submittal to be without issue.

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 the project mentioned above.

### 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 currently underway. The river stage is very favorable right now, although minor dewatering was required to make safe excavations. There is no additional cost to the Council for this dewatering.

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

Bid Package #11 – Wood is still waiting for USACE to begin Agency Technical Review (ATR) on Bid Package 11 plans submitted on June 28. The ATR review is estimated to take 4-6 weeks once started, but as of September 13, the ATR had not yet started. 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.

The Corps of Engineers has informed us that the St. Louis District has made a determination that the remaining work along the East St. Louis levee system is not a threat to life safety and, therefore, does not require the completion of a Safety Assurance Review (SAR), also known as a Type II Independent External Peer Review (IEPR). This decision must be agreed to by Division as part of the District's review plan, but it appears there is some good news.

Wood has finished incorporating comments to Bid Package 11 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 March 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

The lab analyses of the soil borings completed on July 29 will continue throughout the rest of this month. After the lab work is complete, the final relief well and seepage berm design for Bid Package 15 in Prairie du Pont will begin.

Wood has prepared a drilling plan (Phase III) for next year's drilling work, which will be submitted to USACE this month.

The level of effort that will be required for environmental permitting is still unknown and we are awaiting a meeting invite with USACE Regulatory Branch to discuss. The FPD Council and Wood are continuing to discuss this with USACE.

Wood has finished revising the geographical extents of Bid Package 15 so that construction along the Prairie du Pont system can start as soon as possible. Bid Package 15 will include all Authorized Level improvements between levee stations 167+65 and 303+20, which covers the area of the Prairie du Pont levee that is north of East Carondelet.

The improvements included in Bid Package 15 are still being developed and refined, but generally include relief wells, seepage berm enlargements to berms built as part of the 100-year improvements, and a new pump station for relief well water.

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 September.