



Memo to: Board of Directors

From: Chuck Etwert

Subject: Program Status Report for December 2020

Date: December 16, 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.

For the Wood River Systems (Wood River East & West Forks, Lower Wood River, & Upper Wood River), FEMA required review and approval by the Illinois Department of Natural Resources Office of Water Resources (OWR) and the Illinois State Water Survey (ISWS).

On October 21, 2020, the Office of Water Resources issued their letter of concurrence.

On October 26, 2020 , the Illinois State Water Survey indicated they had everything they needed to issue the 316-PMR letters for the Wood River Systems and would be coordinating with FEMA Region V to make sure the 316-PMR approval letters are issued to all of the affected communities. We continue to wait for letters originally scheduled to be issued by ISWS by the end of November.

On December 15, 2020, Wood made what is believed to be their final submittal for both the Lower Wood River and the Wood River East and West Forks System to FEMA, with an anticipated timely turnaround. Since accreditation of the Prairie Du Pont and Fish Lake System is already complete, and the Corps of Engineers is addressing the FEMA accreditation of both Upper Wood River System and the MESD/Chain of Rocks System, this submittal, if approved by FEMA, will complete the FPD Council's efforts to maintain accreditation of the Metro-East Levee Systems that protect the region from Mississippi River flooding.

FEMA has indicated that it hopes to issue preliminary new flood zone maps within a year and final flood zone maps within the next two to three years for St. Clair County.

500-Year Authorized Level Status

Wood River Levee System

Land acquisition for Bid Package #8 and other USACE specific packages continues with progress being made and USACE bidding Bid Package #8 in FY 2021.

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 relief well pipe work planned for this week. All of the relief wells are complete as of last week, and the majority of the fill placement is finished. A substantial completion meeting for Bid Package #18 will likely occur the last week of the year or in early January 2021. A check valve approved as part of Change Order No. 2 is not schedule to arrive until late January 2021. It's one day installation will complete the construction.

Bid Package #14A – Underseepage Controls from 861+00 to 863+00 is substantially complete. After the Board approved Change Order No. 1 last month to address the unmarked Ameren pipeline, Ameren indicated they wouldn't be able to address the cutting of the pipe for at least four to six weeks due to required equipment and Ameren scheduling. Unfortunately, with winter weather temperatures affecting soil placement and the potential of a rising river elevation, it was decided to place the flowable fill around the pipeline in lieu of cutting it out. Establishment of turf (seeding) is primarily all that remains to be completed.

Bid Package #11 – Wood is working on the 95% complete design effort with submittal to USACE planned in January. With the USACE adding fourteen relief wells and additional piping, the preliminary estimated construction cost of \$10,100,000 dollars will increase.

Bid Package #18A – A report summarizing the results and scope recommendations is still underway and is expected to be issued in the near future.

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 discussions with the Corps of Engineers regarding the upcoming drilling efforts planned in the Prairie Du Pont System, the Corps has informed Wood, a more in-depth and lengthy review of the boring plans than had been done and discussed in previous discussions would be required.

Wood submitted the necessary drilling plan documents to the Corps of Engineers on December 8, 2020. The Corps has not given a timeline for review, but we are hopeful that the Corps, as our partner, will make review of this boring plan a priority so 30 borings can be completed before spring 2021. Wood previously began the process of securing right of entry agreements from land owners in the area.

Designs, bid schedules, and revised cost estimates for Bid Packages #15, #16, and #17 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 December.