



Memo to: Board of Directors
From: Chuck Etwert
Subject: Program Status Report for April 2020
Date: April 15, 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.

Yesterday, Wood received a response from the Illinois Department of Natural Resources (IDNR) Office of Water Resources (OWR) on hydraulic and hydrologic (H&H) modeling updates submitted on November 19, 2019. OWR has requested some additional information, most of the request has previously been submitted to FEMA. Wood will be submitting a response by the end of next week. The Illinois State Water Survey (ISWS) (who is reviewing on behalf of FEMA) has given tentative approval pending approval by IDNR. Once approvals by both OWR and IDNR are received 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

A regional partnership to rebuild Mississippi River flood protection

Wood River Levee System

Wood is completing the BCOES (Biddability, Constructability, Operability, Environmental and Sustainability) review with the Corps. This bid package will be constructed by the Corps of Engineers with a bid opening later this year after land acquisition is completed.

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 under construction, but high river levels has slowed progress.

Bid Package #14A – Underseepage Controls from 861+00 to 863+00 is in the construction submittal review phase.

The design of Bid Package #11, which now includes pump station upgrades, is ongoing and is anticipated to be completed in the fall with a bid before the end of the year. The preliminary estimated construction cost is \$10,100,000 dollars.

Wood continues to review relief well flow monitoring data collected during the 2019 flood to determine the pump station needs in the southern elbow of MESD. Those pump station modifications will be part of Bid Package #18A, which will include modifications or replacement of at least one of the underseepage pump stations in Cahokia, Illinois.

Prairie Du Pont/Fish Lake Levee Systems

The St. Louis District presented the PDP/FL semi-qualitative risk analysis (SQRA), originally scheduled for April, to the Levee Safety Oversight Group (LSOG) on January 28th.

The LSOG approved a unanimous LSAC 3 classification (moderate risk), NFIP, and characterized the risk as NOT tolerable with regards to USACE guidance. A decision memo is being prepared for HQ signature.

Utilization of risk characteristics for budget purposes will be an evolving task. It will likely take some time before the budgeting process utilizes risk factors versus Benefit Cost Ratios (BCRs) to rank projects for funding.

Wood is developing a Section 408 review schedule with the USACE. USACE has determined that formal milestone reviews will be necessary as part of the Section 408 process, in lieu of the more informal communication that has been utilized in the past design reviews. Wood will be submitting drilling request to the Corps later this month.

Once all discussions are complete, designs, bid schedules, and revised cost estimates for Bid Packages #15, #16, and #17 will be developed.