



Memo to: Board of Directors
From: Chuck Etwert
Subject: Program Status Report for May 2020
Date: May 20, 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 has tentative approval from Illinois State Water Survey (ISWS), pending approval from Illinois Department of Natural Resources, Office of Water Resources (IDNR-OWR). On April 14, 2020, Wood received comments from IDNR-OWR on the submittal of November 19, 2020. On April 24, 2020, Wood responded to IDNR-OWR comments with an updated submittal, which is expected to be approved shortly. Once IDNR-OWR approval is 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

Wood River Levee System

Wood continues to tie up loose ends on Bid Package #8 with USACE, after which the project will be complete and ready for bid by USACE. As part of the Bid Package #8 effort, required exploratory work related to utility removal was completed earlier this month. Land acquisition for both Bid Package #8 and other USACE specific packages continues.

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. On May 4, 2020, the Mississippi River fell below 25' on the St. Louis gage and Keller Construction began construction after weeks of preparatory work, dewatering, and staging of materials. Unfortunately, after a little over one week of work, rain has delayed the work in the Cahokia Pump Station forebay. Keller has been able to complete four of the fifty relief wells as of May 14, 2020.

Bid Package #14A – Underseepage Controls from 861+00 to 863+00 is in the construction submittal review phase, with construction tentatively planned for July 2020, if the river cooperates (Bid Package #14A requires a very low river to safely construct).

Bid Package #11 – Majority of recent design, involved the G.C.E.D. #1X pump station modifications, being designed in concert with Juneau & Associates. Design 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 has completed review of flow monitoring data collected during the 2019 flood for two of the three pump stations in the southern elbow area of MESD. A report summarizing the results and recommendations for Bid Package #18A is currently being prepared and is expected to be issued in July.

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 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 to work through with the USACE. Wood is currently evaluating the number of borings that can be completed in short order, with land rights currently being reviewed with the intent of limiting the number of disruptions to property owners in the District's boundary.

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

With construction of Bid Packages #14A and #18 beginning, Wood is preparing a Monthly Project Progress Report identifying the construction status of each project and summarizing all change orders approved and pending per the Council's Construction Change Order Policy.

The report will be part of my monthly Progress Status Report, with a hard copy provided at each meeting. A copy of the Council's Construction Change Order Policy is also attached.