

Memo to: Board of Directors
From: Chuck Etwert
Subject: Program Status Report for August 2019
Date: August 19, 2019

100-Year Certification Packages Status

Wood submitted to FEMA the additional information requested for the Prairie Du Pont and Fish Lake Illinois Flood Protection Project Certification on July 24, 2019. A letter of continued accreditation is anticipated in the near future.

On April 29, 2019 FEMA accepted the MESD Levee System as structurally sound.

Wood completed and submitted to the Illinois State Water Survey (ISWS) the additional hydrology and hydraulic (H&H) data for the Cahokia Creek, Indian Creek, West Fork Wood River, East Fork Wood River and Wood River on July 31, 2019.

Wood will begin some targeted geotechnical re-analysis of certain reaches in Lower Wood River due to the revised modeling indicating higher water elevations. The geotechnical re-analysis and the ISWS review will happen concurrent.

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 resubmittals by ISWS and the Illinois Department of Natural Resources.

The Corps of Engineers continues to wait for FEMA to their Upper Wood River resubmittal.

500-Year Authorized Level Status

Wood River Levee System

Wood continues the design of Bid Package #8, which will be constructed by the Corps of Engineers. A bid opening and award is anticipated before the end of the year.

Execution of the amended Project Partnership Agreement for the Wood River Levee System allowing for the utilization of Work In-Kind credit was executed on July 26, 2019. \$16,041,496 of Work In-Kind credit has been earned to date.

The remaining \$4,256,759 dollars of Work In-Kind credit needed, will be achieved with eligible Wood design and a relief well abandonment package.

MESD Levee System

Wood continues to take the Corps' design of the Cahokia Relief Well Project, estimated cost \$9.7 million dollars, and develop the Council's Bid Package #18. Design completion was delayed due to seismic design guidelines, however, currently scheduled for advertisement late September and award in November 2019.

Wood is completing the design of Bid Package #14A, which involves the construction of a riverside shallow cutoff trench, two riverside clay blankets, and filling of a landside ditch. The current estimated cost is \$1.3 million dollars with a bid date also this September.

Wood is also continuing the design of Bid Package #11, additional pump station alterations have been added to the project scope. Design is anticipated to be completed early next year, with Board approval in March 2020. The preliminary estimated construction cost is \$9,500,000 dollars.

As a result of recent flood event flows, it now appears that future Bid Package #12, which is needed for Work In-Kind credit, will involve modifications to MESD pump stations at sites 9 and 10.

The Corps' East St. Louis Deep Cutoff Wall Project is now out on the street for bid. A pre-bid site meeting was held on August 8, 2019 and was well attended.

Prairie Du Pont/Fish Lake Levee Systems

The design progress for Bid Packages #15, #16, and #17 continues to wait for the Corps' risk assessment.

The first Potential Failure Mode Analysis (PFMA) and the Semi-Quantitative Risk Assessment (SQRA) have been held. Once all discussions are complete, a design, bid schedule, and revised cost estimate will be developed.

The risk assessment review for possible funding not based on a benefit/cost ratio is now anticipated to be completed by summer 2020.

On August 8th, I met with Mr. Gary Waxman, Office of Management and Budget Examiner for Flood Risk Management and Flood Control and Coastal Emergency, Mr. Mark Roupas, HQUSACE Deputy Chief, Office of Homeland Security USACE, and Mr. Jeff Jensen, HQUSACE Flood Risk Management Business Line Manager to discuss the work the Council is doing with the Corps and the need for funding. Mr. Waxman is the individual who makes the final recommendation to the President on what projects are included in the President's budget.

The Levee Community Preparedness Presentations with the Levee Issues Alliance and the Corps of Engineers continue with the Rotaries of Columbia & Granite City and the Dupon/Carondelet Chamber of Commerce being completed and the Columbia & Waterloo Chambers of Commerce and the East Alton Rotary currently scheduled.