



Memo to: Board of Directors
From: Chuck Etwert
Subject: Program Status Report for May 2019
Date: May 13, 2019

100-Year Certification Packages Status

Wood certified against the existing effective base flood elevations for Carr Creek and submitted the Prairie Du Pont and Fish Lake Illinois Flood Protection Project Certification Documents to FEMA on April 16, 2019. FEMA's issuance of a continued accreditation letter is anticipated within the next thirty days.

On April 29, 2019 FEMA issued a letter indicating "the minimum criteria outlined in the structural requirements of 44 CFR Section 65.10(b) (1) – (b) (5), have been met for the MESD Levee System". FEMA will be working with the Corps, MESD, and impacted communities regarding additional coordination involving interior drainage and Operation & Maintenance Plans. FEMA will issue new plans in the future which will reflect the continued accreditation of the MESD Levee System. FEMA has accepted the MESD Levee System as structurally sound.

In the Cahokia, Indian, West Fork Wood River, and Wood River/East Fork Wood River tributaries, Wood is completing the updated modeling and anticipates submitting to the Illinois State Water Survey (ISWS) by the end of the month.

With prompt review of the resubmittals by ISWS and the Illinois Department of Natural resources, FEMA's issuance of continued accreditation letters for the Wood River East & West Forks, Lower Wood River, and Upper Wood River Systems could hopefully occur by late summer.

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. Wood has submitted the 95% design package, and a Safety Assurance Review (SAR) will be needed. A bid opening and award is anticipated in October.

Approval of the new Project Partnership Agreement for the Wood River Levee System is expected in July. This will allow for the utilization of \$16,041,496 of Work In-Kind credit, which has already received preliminary approval.

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 \$10.6 million dollars, and develop the Council's Bid Package #18. Design is anticipated to be completed by the end May with Board approval in July.

Wood is also continuing the design of Bid Package #14, a shallow clay trench and filter blanket with an estimated construction cost of \$4.3 million dollars. Advertisement for bid is expected this summer with Board approval in September.

Wood is also continuing the design of Bid Package #11. Design is anticipated to be completed in the fall, with Board approval in January 2020. The preliminary estimated construction cost has been reduced by \$2,000,000 to \$10,000,000 dollars.

On May 2, 2019 the Corps of Engineers approved Council Work In-Kind requests totaling \$12,415,405.70. This will be used as the non-federal share on the Corps' East St. Louis Flood Protection Deep Cutoff Wall Project base bid involving approximately 1,823 linear feet of wall.

For the Corps' Deep Cutoff Wall Project option bid, the Council will utilize Bid Packages #14 and #18 for Work In-Kind credit. Construction of these bid packages is scheduled to be complete in April 2020. The Corps has informed the Council, if Work In-Kind credit isn't complete by July 1, 2020, the Corps will request required cost share as cash.

Prairie Du Pont/Fish Lake Levee Systems

Wood is continuing the design of Bid Packages #15, #16, and #17. The design progress has slowed due to the Corps' risk assessment.

The first Potential Failure Mode Analysis (PFMA) was held the week of April 1st and the Semi-Quantitative Risk Assessment (SQRA) is being held this week. 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 not anticipated to be completed before the end of the year.