



Memo to: Board of Directors
From: Chuck Etwert
Subject: Program Status Report for February 2019
Date: February 20, 2019

100-Year Certification Packages Status

The Illinois State Water Survey (ISWS) has requested additional data to complete their hydrologic and hydraulic (H&H) review. A conference call between ISWS, FEMA, Wood, and FPDC has been scheduled to discuss possible accreditation options.

FEMA's issuance of continued accreditation letters for the Wood River East & West Forks, Lower Wood River, Upper Wood River, and Prairie Du Pont/Fish Lake Levee Systems which were anticipated this spring, could possibly be delayed.

FEMA's review of the Base Condition Risk Assessment (BCRA) for MESD and Chain of Rocks segments is moving along, with the Corps submitting a final report to FEMA within the next month, and FEMA anticipating a fast final review and acceptance.

It appears approval of the East St. Louis (MESD) package might be achieved sooner than expected.

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 65% design package and comments have been received from the Corps. Design is anticipated to be completed by the end of summer with a bid opening in the fall.

The Corps has given preliminary approval on the \$16,041,496 of Work In-Kind credit submitted for the Wood River Levee System. Based on the Corps recently issued certified cost estimate, an additional \$4.3 million dollars of Work In-Kind credit will be needed to satisfy the Corps' thirty-five non-federal participation requirement.

Approval of the new Project Partnership Agreement for Wood River, which will allow for the utilization of Work In-Kind credit, is expected in July 2019.

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. The 95% design package is scheduled to be submitted to the Corps next month. 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. Wetlands were purchased for tree clearing, trees have been cleared, and drilling necessary for design will begin this month. Advertisement for bid is expected this summer with Board approval in September.

With the Corps' Risk Informed Solution for Bid Package #11 completed, Wood is starting the design process. Coordination with utility companies is underway to identify underground utilities and the Value Engineering study is schedule for the week of March 11th. Design is anticipated to be completed in the fall with Board approval in January 2020. Preliminary estimated construction cost is \$14,000,000 dollars.

Approval of the new Project Partnership Agreement, which will allow for the utilization of Work In-Kind credit, is now anticipated in March due to Corps Headquarters requesting a reformatting of the agreement. There was no change in the contents. The Council has submitted Work In-Kind requests totaling \$11,887,414 for work performed thru fiscal year 2017.

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) is scheduled for the week of February 25th, with Wood in attendance. Once discussions are complete, a design, bid date schedule, and revised cost estimate will be developed.

The risk assessment review for possible funding not based on a benefit/cost ratio has a tentative report completion date of October 2019.