



Memo to: Board of Directors
From: Chuck Etwert
Subject: Program Status Report for December 2018
Date: December 19, 2018

100-Year Certification Packages Status

The Illinois State Water Survey (ISWS) is continuing their review of the hydrologic and hydraulic (H&H) analyses for the 6 Metro East streams in Madison, St. Clair, and Monroe counties. Additional information has been requested and is being submitted by Wood for Cahokia Creek, Prairie Du Pont Canal, and Carr Creek.

It is hoped that a final letter of determination will still be issued by ISWS by the end of January. 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 would then probably be issued within 90 to 120 days.

On December 13th, the Corps of Engineers submitted all of the supporting documents to FEMA (as-builts, O&M, interior drainage) for the East St. Louis (MESD) package. The Corps continues to wait on FEMA providing them the additional language, FEMA wants in the Corps' submittal letter for East St. Louis (MESD). The Corps doesn't expect to hear anything on the submittal language until next year. Approval of the East St. Louis (MESD) packages isn't anticipated until late 2019 or early 2020. However, previous preliminary submittals by the Corps might shorten this time frame.

500-Year Authorized Level Status

Wood River Levee System

Wood continues to design Bid Package #8, which will be constructed by the Corps of Engineers. Design is to be completed by April 2019.

Wood will probably also be designing Bid Packages #9 and #10 for the Corps of Engineers to construct.

With the remaining funds left, after completing their section of the Wood River Deep Cutoff Wall, the Corps of Engineers plans to bid a relief well project and a pump station project by September 2019.

The Council continues to wait for a response from the Corps regarding the preliminary approval of \$16,041,496 of Work In-Kind credit for the Wood River Levee System.

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

The Council needs an additional Work In-Kind credit of \$3.5 million dollar to satisfy the Corps 35% non-federal share requirement and the Corps of Engineers needs an additional \$11 million dollars to complete the Authorized level.

MESD Levee System

With the Corps of Engineers receiving FY 2019 Work Plan Funds in the amount of \$95,198,450, the Corps is completing the design of the East St. Louis Deep Cutoff Wall Project with a first phase contract bid and award scheduled in FY 2019. Project will be bid with a base bid, plus a phase two option. The phase two option requires real estate acquisition and utility relocations. Work In-Kind credit earned thru September 2017 (\$11,887,414), will be utilized for the Council's base bid share.

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 almost at the 95% review level and should be advertised for bid early next year.

Wood is also continuing the design of Bid Package #14, a shallow clay trench and seepage berm with an estimated construction cost of \$4.3 million dollars. The recent high river event has delayed some planned field work, delaying scheduled advertisement for bid until late spring.

The Corps has completed their Risk Informed Solution for Bid Package #11. Wood will start the design process. Based on current Corps estimates, Bid Package #11 should be the last MESD bid package that Wood will be designing, with the Council constructing approximately \$12,000,000 of the estimated \$14,000,000 project.

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

Prairie Du Pont/Fish Lake Levee Systems

Wood is continuing the design of Bid Packages #15, #16, and #17. Discussions with the Corps of Engineers, about berm designs, are continuing, with emphasis on building to the Authorized Level of Protection. Once discussions are complete, a design, bid date schedule, and revised cost estimate will be developed.

The Corps held their kick off meeting for the Prairie Du Pont/ Fish Lake Systems risk assessment review for possible funding not based on a benefit/cost ratio. Anticipated review process phases include Project Management, Data Preparation with Review and Analysis, Risk Assessment, Draft Report, and Review & Approval.