



Memo to: Board of Directors
From: Chuck Ewert
Subject: Program Status Report for December 2023
Date: December 18, 2023

500-Year Authorized Level Status

Wood River Levee System

Construction of Bid Package #8 (by USACE) continues.

In March, it was reported an updated Integral Determination Report (IDR) and Project Partnership Agreement (PPA) between the USACE, the FPD Council, and the Wood River Drainage & Levee District was estimated to be complete by the end of 2023, allowing the design work on Bid Package #9 (a seepage berm project in Roxanna) to start immediately after approval.

This month we were advised, the IDR is still waiting for approval by the Corps' Division office and the PPA will require more review/approval time than initially thought, as it now must be approved by USACE headquarters. This delay in approvals will shift design and construction work by at least 6 months and likely result in the continued increases in construction costs due to the natural increase in prices over time.

The Council requested work in-kind approval for the Bid Package #9 Project on November 17, 2021, at that time the preliminary estimated construction cost was \$2,000,000. Currently, the estimated construction cost is \$2,400,000.

We continue to work with the Village of Roxanna and the Corps of Engineers to coordinate and plan an emergency waterline relocation for the Village of Roxanna USACE PS #3 Project (Corps-designed and constructed), currently under construction. As you may recall, the FPD Council is responsible for effort and costs to relocate existing utilities. We anticipate an agenda

item in January to approve the costs associated with the relocation so that construction of the relocation can occur in February. Similar to the Village of Roxanna USACE BP #8 Utility Relocation earlier this year, all cost will be LERRDs creditable.

The Corps of Engineers issued revised cost estimates for three alternatives at the Old Channel Wood River area at the northwest corner of IL-3 and IL-143 in Madison County. The Corps original plan (which the City of Wood River was not willing to agree to) is now estimated at \$1,850,000. Alternatives 2 and 3 were estimated at \$3,441,000 and \$5,162,825, respectively. We have a meeting scheduled with the Corps on January 10 to continue our discussions.

Work In-Kind credit of \$17,739,418.51 and LERRD's credit of \$693,274.23 has been approved to date for the Wood River Levee System.

MESD Levee System

Construction on Bid Package 11 is ongoing. The abnormally low river stage continues to hinder relief well construction, as groundwater levels are too low to develop/test the newly installed relief wells. This has slowed the overall progress of the project over the past several months. The contractor has requested a change order to change the contract completion date, which WSP is currently evaluating. However, the low river stages have helped considerably with the construction of the new G.C.E.D. #1X pump station outfall structure and energy dissipator, which began in late November.

On December 12 the FPD Council obtained a temporary construction easement (TCE) from Beelman for relief well work near their access road in the Venice Pump Station area. This TCE will allow the contractor to continue work on the new relief well piping system and relocate two relief wells.

Land acquisition from Terminal Railroad Association of St. Louis (TRRA) is ongoing. Presently, we are awaiting a Section 408 decision from USACE regarding a project TRRA is planning that overlaps with the improvements we have planned for Bid Package 14B. It is anticipated that if the Section 408 permission is granted, the easement acquisition process will be completed shortly thereafter.

The 35% complete construction drawings, specifications, and design report for Bid Package 18A was submitted to the Corps on November 29. The review timeframe is uncertain at this time, but our estimate is that the review will be complete by the end of January. The cost estimate for Bid Package 18A has been reduced from \$8.8M to \$4.9M. This reduction is largely due to a reduction in scope, but there were also reductions associated with refining the design from the conceptual level to 35%.

The Corps has issued a notice to proceed letter for land acquisition associated with their Bid Package 12 Phase II project and work is now underway to obtain the necessary easements.

Work In-Kind credit of \$24,599,173.61 and LERRDs credit of \$1,607,516.56 has been approved to date for the MESD Levee System.

Prairie Du Pont/Fish Lake Levee Systems

The Phase II Cultural Investigation is now complete and a revised Draft Environmental Assessment is being prepared, with an anticipated WSP submittal in January.

The 65% complete design for Bid Package 15 is also planned for January 2024. The 65% design package incorporates the value engineering change work that resulted in a seepage berm at the northern elbow instead of relief wells and a pump station. This change has taken several months to work through, but the berm option reduces both capital costs and long-term maintenance costs.

WSP's value engineering work is estimated to reduce the construction cost for Bid Package 15 from \$21.8M to \$18.3M.

Additional subsurface investigation (drilling) in support of Bid Packages 16 and 17 is occurring this week and will continue through the end of this year.

Attached is WSP's Monthly Construction Progress Report.