



SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
BOARD OF DIRECTORS MEETING

March 20, 2024 7:30 am

Metro-East Park and Recreation District Office
104 United Drive, Collinsville, Illinois 62234

1. Call to Order
John Conrad, President
2. Roll Call
Debra Moore, Secretary/Treasurer
3. Approval of Minutes of January 17, 2024
4. Public Comment on Pending Agenda Items
5. Program Status Report
Chuck Etwert, Chief Supervisor
6. Budget Update and Approval of Disbursements
Chuck Etwert, Chief Supervisor
7. Design and Construction Update
Randy Cook, WSP USA Environment & Infrastructure Inc.
8. Bid Package #11 Change Orders No. 9 & No. 10
Randy Cook, WSP USA Environment & Infrastructure Inc.
9. Update from Corps of Engineers
Hal Graef, U.S. Army Corps of Engineers

AGENDA

10. Public Comment

Executive Session – (if necessary)

11. Other Business

12. Adjournment

Next Meeting: May 15, 2024

MINUTES

SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL BOARD OF DIRECTORS MEETING

January 17, 2024

The regular meeting of the Board of Directors was held at the Metro-East Park and Recreation District Office, 104 United Drive, Collinsville, Illinois at 7:30 a.m. on Wednesday January 17, 2024.

Members in Attendance

John Conrad, President (Chair, Monroe Flood Prevention District)
Max Merz III, Vice-President (Madison County Flood Prevention District)
Debra Moore, Secretary/Treasurer (Chair, St. Clair County Flood Prevention District)
Michael Andreas, Madison County Flood Prevention District
Bruce Brinkman, Monroe County Flood Prevention District

Members Absent

Isabelle Crockett, St. Clair County Flood Prevention District
Aaron Metzger, Monroe County Flood Prevention District
Alvin Parks, Jr., St. Clair County Flood Prevention District
David Schwind, Madison County Flood Prevention District

Others in Attendance

Chuck Etwert, SW Illinois FPD Council
Randy Cook, WSP USA Environment & Infrastructure Inc.
Jeremy Dressel, Juneau Associates Inc.
Mike Feldmann, U.S. Army Corps of Engineers
Hal Graef, U.S. Army Corps of Engineers
David Human Jr, Husch Blackwell LLP
Jennifer Kengouskiy, U.S. Army Corps of Engineers
Mike Nordstrom, MESD
Jon Omvig, WSP USA Environment & Infrastructure Inc.
Adam Pope, Columbia Capital Management, LLC
Justin Roehr, MESD
Kevin Williams, Wood River Drainage & Levee District

Call to order

President John Conrad noted the presence of a quorum and called the meeting to order at 7:31 a.m.

Mr. Conrad asked for a roll call to confirm that a quorum was present and the following indicated their attendance.

Mr. Andreas - Present
Mr. Brinkman – Present
Mr. Conrad – Present
Mr. Merz – Present
Dr. Moore - Present

A quorum was present.

Approval of Minutes of November 15, 2023

Mr. Conrad asked for a motion to approve the minutes of the Board meeting held on November 15, 2023. A motion was made by Mr. Merz seconded by Mr. Brinkman to approve the minutes of the Board meeting held on November 15, 2023. Dr. Moore called the roll and the following votes were made on the motion:

Mr. Andreas - Aye
Mr. Brinkman – Aye
Mr. Conrad – Aye
Ms. Crockett – absent
Mr. Merz - Aye
Mr. Metzger – absent
Dr. Moore – Aye
Mr. Parks – absent
Mr. Schwind – absent

The motion was approved.

Public Comment on Pending Agenda Items

Mr. Conrad asked if there were any comments from the public on any agenda item on today's agenda. There were no comments.

Program Status Report

Mr. Conrad asked Mr. Etwert to provide a status report for the project.

He briefly highlighted recent changes to the status of the Authorized Level Projects.

500-Year Authorized Level Status

Wood River Levee System

On Bid Package #9, the updated Integral Determination Report (IDR) is still being reviewed at the Division level at USACE. We expect the Division review to be complete by February, after which the Project Partnership Agreement (PPA) amendment process will begin, which is expected to take several months and be complete in summer 2024. As reported last month this delay in approvals will shift design and construction work of Bid Package 9 by at least 6 months and likely result in slightly higher 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.

Later in agenda there item for a relocation agreement with the Villages of Hartford and Roxanna for an emergency waterline relocation for a Corps-designed and constructed project that is currently under construction. If the agreement is approved by the FPD Council, the relocation work will begin right away. The relocation work is eligible for LERRDs credit from the Corps.

On January 10th, a meeting was held with the Corps of Engineers and Wood River Drainage and Levee District to discuss the 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. All agreed that Option 3 (perpetual ponding) was too costly, and it was removed from further consideration. The next step in the process is to obtain an appraisal of the land required for Option 1 (the original design) and make a formal offer to the City of Wood River, then re-convene if the City is not agreeable, as they have previously indicated. WSP has a work order amendment on the agenda this month to extend the duration and authorized funding for LERRDs services in Wood River, which are anticipated to be complete within the next 18 months.

MESD Levee System

Construction on Bid Package 11 is ongoing. As reported last month, 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. Two change orders are on the agenda this month for Bid Package 11: Change Order 6 for the concrete collar at Venice Pump Station; and Change Order 7 for schedule extension and survey control. Additionally, on the agenda this month is a Work Order Amendment for WSP to continue performing construction phase services for Bid Package 11.

Land acquisition from Terminal Railroad Association of St. Louis (TRRA) is nearly complete for the Bid Package 14B project. On the agenda this month is an agreement to finalize that acquisition.

The 35% complete construction drawings, specifications, and design report for Bid Package 18A was submitted to the Corps on November 29. The Corps has indicated that they will provide a revised relief well plan for the area by the end of January, after which, WSP will revise the 35% submittal and re-submit. (The revision to the submittal is anticipated to take under one week.)

Prairie Du Pont/Fish Lake Levee Systems

The 65% design of Bid Package 15 is planned to be submitted to USACE on January 26. This submittal will be the first formal submittal to USACE that captures our change from relief wells and a pump station to the less costly seepage berm to control underseepage in this package.

Detailed design of Bid Package 16 began in early January, and WSP has a work order amendment on the agenda this month for the completion of detailed design for both Bid Packages 16 and 17.

Mr. Conrad asked for a motion to accept the Program Status Report for January 2024. A motion was made by Mr. Brinkman to accept the Program Status Report for January 2024. Mr. Conrad seconded the motion. Dr. Moore called the roll and the following votes were made on the motion:

- Mr. Andreas – Aye
- Mr. Brinkman - Aye
- Mr. Conrad – Aye
- Ms. Crockett – absent
- Mr. Merz - Aye
- Mr. Metzger - absent
- Dr. Moore – Aye
- Mr. Parks – absent
- Mr. Schwind – absent

The motion was approved unanimously.

Budget Update and Approval of Disbursements

Mr. Conrad asked Mr. Etwert to provide the report.

He noted the financial statements for November & December 2023 prepared by our fiscal agent, CliftonLarsonAllen. The reports include an accounting of revenues and expenditures for the months ending November 30, 2023, and December 31, 2023 as compared to the according fiscal year budget.

Accrued expenditures for the fiscal year beginning on October 1, 2023 thru November 30, 2023 were \$9,348,382 while revenues amounted to \$3,003,071 resulting in a deficit of \$6,345,311.

Accrued expenditures for the fiscal year beginning on October 1, 2023 thru December 31, 2023 were \$10,115,616 while revenues amounted to \$4,486,848 resulting in a deficit of \$5,628,768.

A total of \$56,782,143 is held by the counties in their respective FPD sales tax funds and will be needed by the Council for the 500-Year Authorized Level of Protection. As previously mentioned, the Council will be requesting 50% of the funds in April. He indicated Mr. Adam Pope of Columbia Capital will be presenting the approval of an escrow agent later in the meeting.

Monthly sales tax receipts of \$1,424,864 for September 2023 were up .32% from last year, and receipts of \$1,428,282 for October 2023 were up .01% from last year, only \$76 dollars. Receipts have slowed down the last two months but are still up 1.77% from last year. Receipts are expected to be over \$17.2 million dollars for the calendar year, which would be over five million more than three years ago.

He also provided the bank transactions for November & December 2023. Total disbursements for November were \$1,182,078.62 and for December \$765,752.84 with the largest payments each month being to Keller Construction and WSP.

Mr. Conrad asked for a motion to accept Mr. Etwert's budget reports and disbursements for November and December 2023. A motion was made by Mr. Brinkman and seconded by Mr. Merz to accept the budget reports and approve the disbursements for November 2023 and December 2023.

Dr. Moore called the roll and the following votes were made on the motion:

- Mr. Andreas - Aye
- Mr. Brinkman - Aye
- Mr. Conrad – Aye
- Ms. Crockett – absent
- Mr. Merz - Aye
- Mr. Metzger - absent
- Dr. Moore – Aye
- Mr. Parks – absent
- Mr. Schwind – absent

The motion was approved unanimously.

Design and Construction Update

Mr. Conrad called on Jon Omvig, WSP USA Environment & Infrastructure Inc., to provide an update report.

He discussed highlights from the PowerPoint® presentation, which was included in the agenda package. His presentation focused on the Authorized Level (500-Year) Design and Construction.

Authorized Level (~500-Year) Design

Wood River

Bid Package 8 - South Roxana Relief Wells & Pump Station

- FPD/WSP designed & USACE constructed
- Construction completion early 2024
- WSP continues to respond to RFIs as needed

Bid Package 9 – Roxana Seepage Berm & Detention Pond

- Spring 2020 – FPD Council approaches Roxana about obtaining easement for relief well & pump station project. Meetings for next 18 months.
- September 17, 2021 – Wood River Drainage & Levee District and Village of Roxana sign intergovernmental agreement for granting easement, provided seepage berm and detention pond is built.
- November 22, 2021 – FPD Council sends letter requesting authorization to change federal solution from relief wells & pump station to berm & detention.
- February 13, 2023 – USACE issues Engineering Determination Report (EDR) concurring that berm & detention is “most economical means” of flood control at site.
- April 19, 2023 – Reported to FPD Board: USACE approval of Integral Determination Report (IDR) anticipated September 2023; Project Partnership Agreement (PPA) amendment anticipated November 2023; Design start December 2023.
- December 11, 2023 – USACE reports IDR is still pending approval by Division and that USACE processes now require the PPA amendment to be approved by USACE HQ, requiring more time.

Old Channel Wood River – NE Corner of IL-3 and IL-143

- City of Wood River has indicated unwillingness to grant an easement
- Multiple meetings have been held among levee district, City, FPD Council, WSP, and the City of Wood River.
- USACE has evaluated real estate needs.
- Acquisition costs will depend on City plans for area
- Appraisal will be prepared to evaluate cost

MESD

Bid Package 11 – Venice - Relief Wells, Pipes, & Pump Station Modifications

- Project is approximately 50% complete
- Relief well installation is nearly complete (2 remaining)
- Temporary easement obtained from Beelman
- Unusually low river levels mean that relief well testing cannot be completed.

Bid Package 14B – Brooklyn (under I-70 bridge) – Filter Blanket

- TRRA easement is imminent
- USACE will conduct “Biddability, Constructability, Operability, Environmental and Sustainability” (BCOES) review
- WSP will prepare final drawings
- USACE will bid and construct the project

Bid Package 18A – Cahokia Heights –Relief Well Piping and Pump Station Mods

- 35% “soft” submittal to USACE on November 29, 2023
- Call with USACE on December 12 to discuss relief well plan
- Expect USACE final relief well plan by end of January
- After relief well plan, quick turnaround to re-submit 35% package

Prairie Du Pont & Fish Lake

Bid Package 15 – East Carondelet – Large Seepage Berms

- 65% complete design package to be submitted January 26.
- Construction scheduled to start Q4 2024 Working towards 65% design submittal to USACE

Bid Package 16 – East Carondelet – Relief Wells, Berms, and Pump Stations

- 35% design started this month
- 35% complete design package to be submitted Summer 2024
- Contributed funds agreement with USACE is necessary to fund USACE review

Bid Package 17 - East Carondelet – Relief Wells, Berms, and Pump Stations

- 35% design scheduled to start in Spring 2024
- Contributed funds agreement with USACE is necessary to fund USACE review

Mr. Conrad asked for a motion to accept the Design and Construction Update. A motion was made by Mr. Conrad with a second by Mr. Brinkman to accept the WSP USA Environment & Infrastructure Inc. Design and Construction Update.

Dr. Moore called the roll and the following votes were made on the motion:

Mr. Andreas - Aye
Mr. Brinkman - Aye
Mr. Conrad –Aye
Ms. Crockett – absent
Mr. Merz - Aye
Mr. Metzger - absent
Dr. Moore – Aye
Mr. Parks – absent
Mr. Schwind – absent

The motion was approved unanimously.

Selection of Escrow Agent for Surplus Sales tax Funds

Mr. Conrad asked Mr. Etwert to explain this item.

Mr. Etwert explained as he has indicated for the past several months, in April the Council will begin requesting the surplus sales tax funds that have been deposited with each county over the last several years. These funds are needed for the Council to complete the 500-Year Authorized Level of Protection.

In mid-2023, he directed Columbia Capital to determine a plan for the requisition of surplus sales tax funds currently held at the counties. The project fund for the 2015B Bonds is almost exhausted, and the surplus funds will be needed in order to continue construction in 2024.

Columbia reached out to the current bond trustee, UMB Bank, to see if they were amenable to holding the funds when returned from the counties. Their position would have required a modification of the existing bond documents, adding time, complication and expense that is unnecessary.

Columbia then sent a request for quotes to four banks (Amalgamated Bank of Chicago, Bank of Oklahoma, Bank of Belleville, and Busey Bank) to custody the sales tax funds on behalf of the Council. Proposals were received from Amalgamated Bank of Chicago and Bank of Oklahoma (attached to this memo). Bank of Oklahoma provided the lowest cost with an acceptance fee of \$1,000 and annual fee of \$1,000.

Mr. Etwert introduced Mr. Adam Pope of Columbia Capital. Mr. Pope explained, as Escrow Agent, Bank of Oklahoma will create an account to receive the surplus sales tax funds from the counties, holding them on behalf of the Council until requisitioned for construction activities. As they have done since 2014, Columbia Capital will invest those funds per the construction cash flow estimate in order to generate additional earnings to be used for construction.

Monthly, as it currently does with respect to requisitioning 2015B Bonds project fund moneys, the Council will prepare a requisition form listing the outstanding invoices, or a reimbursement if invoices were previously paid by the Council from the checking account, to be paid and will submit to Bank of Oklahoma to process for payment.

The process described here with Bank of Oklahoma serving as escrow agent provides the counties with confidence in the proper use of the sales tax moneys while permitting the Council to continue the monthly requisition process it is familiar with.

Bank of Oklahoma's St. Louis office will be handling the escrow account. Some of their other St. Louis clients are the Cities of Chesterfield, Herculaneum, St. Charles, Branson, & University City, St. Louis County Library District, Orchard Farm School District, St. Louis City Soccer Stadium, and Wentzville Parkway Community Improvement District.

The Escrow Agreement to be approved can be found attached to this memorandum; no modifications to bond documents are required.

At this time, based on current estimated construction schedules, it is anticipated fifty percent of the sales tax funds will be requested in April and the remaining fifty percent in late spring of 2025.

There was a brief discussion regarding the disbursement and investment of funds.

Mr. Conrad asked for a motion to authorize the Chief Supervisor to engage the Bank of Oklahoma as Escrow Agent for Surplus Sales Tax Funds the Council will be receiving from the Counties of Madison, Monroe, and St. Clair. A motion was made by Dr. Moore, with a second by Mr. Brinkman to authorize the Chief Supervisor to engage the Bank of Oklahoma as Escrow Agent for Surplus Sales Tax Funds the Council will be receiving from the Counties of Madison, Monroe, and St. Clair.

Dr. Moore called the roll and the following votes were made on the motion:

Mr. Andreas - Aye
Mr. Brinkman - Aye
Mr. Conrad - Aye
Ms. Crockett - absent
Mr. Merz - Aye
Mr. Metzger - absent
Dr. Moore - Aye
Mr. Parks - absent
Mr. Schwind - absent

The motion was approved unanimously.

Acquisition of Real Property Rights for USACE Bid Package 14B

Mr. Conrad asked Mr. Etwert to explain this item.

Mr. Etwert indicated the Council has been working for quite some time trying to acquire real property rights owned by the Wiggins Ferry Company and the Terminal Railroad Association of St. Louis necessary for the construction of Authorized Level of Protection Project Bid Package #14B Landside Filter Blanket.

Bid Package #14B was originally to be built by the Council, however, with the addition of Bid Package #18A, it is no longer needed to satisfy the non-federal partnership share of thirty-five percent.

In September 2020, the Council executed a Cooperation Agreement with MESD relating to coordination for the acquisition of necessary easements including the utilization of MESD's condemnation authority.

After lengthy litigation by both Wiggins/TRRA and FPDC/MESD, Wiggins/TRRA has agreed to settle and grant the necessary permanent and temporary construction easements required for the project for the sum of \$460,000. Wiggins/TRRA's original request was for \$750,000.

The easements were appraised at \$435,000. Continued litigation of the issue would definitely cost more than the difference of the appraisal and the amount requested, therefore I recommend acceptance.

Mr. Conrad asked for a motion to authorize the Chief Supervisor to acquire the necessary permanent and temporary easements required for the Authorized Level of Protection Project Bid Package #14B Landside Filter Blanket from the Wiggins Ferry Company and the Terminal Railroad Association of St. Louis for the sum of \$460,000.

A motion was made by Mr. Brinkman, with a second by Mr. Merz to authorize the Chief Supervisor to acquire the necessary permanent and temporary easements required for the Authorized Level of Protection Project Bid Package #14B Landside Filter Blanket from the Wiggins Ferry Company and the Terminal Railroad Association of St. Louis for the sum of \$460,000.

Dr. Moore called the roll and the following votes were made on the motion:

Mr. Andreas - Aye
Mr. Brinkman - Aye
Mr. Conrad - Aye
Ms. Crockett - absent
Mr. Merz - Aye
Mr. Metzger - absent

Dr. Moore – Aye
Mr. Parks – absent
Mr. Schwind – absent

The motion was approved unanimously.

Utility Relocation Agreement – Villages of Roxana & Hartford – USACE Canal Road Pump Station No. 3

Mr. Conrad asked Mr. Cook to explain this item.

Mr. Cook explained during construction of Canal Road Pump Station No. 3, part of the U.S. Army Corps of Engineers (USACE) Pump Stations Contract (PSC) Project, it has been determined that a twelve-inch water line must be relocated so that ongoing construction can be completed and the upcoming USACE Relief Well No. 3 Package can advance towards contract award later this summer. The utility is jointly owned by and permitted to the Villages of Hartford and Roxana, with the Village of Roxana administering this relocation. The utility relocation is necessary to construct the project as approved by both USACE and the Illinois Department of Natural Resources (IDNR).

As part of the partnership with the USACE, the non-federal partner is responsible for obtaining all required easements. These utility relocation costs are eligible for Land, Easements, Rights of Way, Relocations and Disposal (LERRD) credit with the proper documentation.

The Villages have bid the relocation using two construction methods:

- 1) General Open Cut - Special Backfill (flowable fill/compacted cohesive soil, cap with topsoil), or;
- 2) Directional Bore.

Directional boring would be the most economical solution; however, it would require additional coordination under the National Levee Safety Program. To capture the highest potential cost, in the event that review of a directional bore method further delayed ongoing relocation and ongoing pump station construction, the low bid cost of secondary method (general open cut) method is considered.

Bids were opened on January 10, 2024.

There were two bidders:

	Directional Bore	General Open Cut
Haier Plumbing & Heating	\$396,000	\$450,710
KAMEX	\$393,400	\$585,000

In addition to the construction costs, additional costs include the fees for both engineering and legal professional services, and a 10% contingency budgeted by the Village (all of which are LERRDs-creditable).

Authorization is requested to cover the construction cost, engineering, and legal services:

Low Bid (General Open Cut)		\$450,710
Timely Completion Incentive (Max)		\$ 10,000
Curry & Associates Engineers, Inc.		\$ 41,200
<u>Legal</u>		<u>\$ 4,000</u>
	Subtotal	\$505,910
<u>10% Contingency</u>		<u>\$ 51,000</u>
	Max Total	\$556,910

A copy of the relocation agreement and an intergovernmental agreement with the Villages of Roxana and Hartford are attached.

This is similar to the utility relocation the Council did last year with the Village of Roxana on USACE BP #8, where the Council provided \$200,000 (construction, engineering, and legal) to the Village and \$12,339.43 was returned to the Council after completion of the project.

There was a brief discussion regarding project responsibilities, knowledge of the existing utility, and which method was going to be utilized. The method to be utilized had yet to be determined. The Council was acting on a worst case scenario, funding the higher open cut method, in case the directional bore method review by the National Levee Safety Program delayed the relocation effort.

In either case, the Council would only provide funds to cover the construction, engineering, and legal and hold back any contingency costs to if and when needed.

Mr. Conrad asked for a motion to authorize the Chief Supervisor to enter into a utility relocation agreement and an intergovernmental agreement with the Villages of Roxanna and Hartford, for the Canal Road Pump Station No. 3 project with a cost not to exceed \$556,910.

A motion was made by Mr. Brinkman, with a second by Mr. Merz to enter into a utility relocation agreement and an intergovernmental agreement with the Villages of Roxanna and Hartford, for the Canal Road Pump Station No.3 project with a cost not to exceed \$556,910.

Dr. Moore called the roll and the following votes were made on the motion:

- Mr. Andreas - Aye
- Mr. Brinkman - Aye
- Mr. Conrad - Aye
- Ms. Crockett - absent

Mr. Merz - Aye
Mr. Metzger - absent
Dr. Moore – Aye
Mr. Parks – absent
Mr. Schwind – absent

The motion was approved unanimously.

Bid Package #11 Change Orders No. 6 & 7

Mr. Conrad asked Mr. Cook to explain this item.

Mr. Cook explained the two change orders.

Change Order 6 – P-98XA Concrete Collar at Venice Pump Station

On November 9, 2022, the general contractor, Keller Construction, submitted request for information (RFI) 18 requesting different options to connect the existing reinforced concrete (RCP) to the new RCP (P-98XA) at the Venice Pump Station.

WSP reviewed the RFI and the possibility that the new and existing RCP would not connect properly. WSP, with USACE concurrence, agreed to a method of attaching the new RCP to the existing RCP in the event that the two pipe sections would not connect using the typical bell and spigot jointing method.

On November 2, 2023, Keller Construction exposed the existing 48-inch RCP and attempted to connect the existing and new RCP (P-98XA) in the presence of the quality assurance representative. The bell and spigot dimensions of the new RCP are different than the existing RCP installed in the 1960s and the joint connection could not be made; therefore, it was necessary to utilize the concrete collar selected as a backup plan (in RFL 18).

The cost to add a concrete collar seal to P-98XA (48” RCP) is \$14,351.25, or an additional \$797.29/ft. The additional cost will be billed against Item No.30 in the Schedule of Values, which is for “48-inch Reinforced Concrete Pipe” and has a schedule value of \$10,274.40. The \$14,351.25 change order is approximately 140% of the total item cost for the project and requires Board approval. The contractor has also requested 6 additional days to complete the work.

WSP recommends that the FPD Council approve Change Order Request No.6 in the amount of \$14,351.25 with an additional 6 days added to the final completion date/.

Change Order No. 7 - Time Extension & Survey Control

On September 26th, the general contractor, Keller Construction, submitted RFI requesting a revised concrete footing detail for G.C.E.D. 1X Pump Station. Keller Construction stated that the previous contractor that originally installed the pump station had installed a mud slab that was not on the as-builts, thus, not reflected on the BP-11 plans.

Keller Construction is seeking an additional 166 days to cover the delay start time and material acquisition associated with the redesign of the concrete footing details for G.C.E.D. 1X Pump Station.

While Keller Construction was attempting to set construction stakes for the project, it was discovered that the survey controls in the area were missing or damaged. These were controls set during the 100-Year Construction activities.

The cost for survey control is \$2,828.96 and will be added as a new line item to the construction contract.

WSP recommends that the FPD Council approve Change Order Request No. 7 in the amount of \$2,828.96 with an additional 166 days added to the final completion date.

Mr. Etwert explained per the Council's change order policy, the two items (even though small in comparison the overall project cost) were being brought to the Board either due to a line item increasing more than ten percent or the lack of a line item to cover the expense.

Mr. Conrad asked for a motion to authorize the Chief Supervisor to approve the BP #11 Change Order No. 6 P-98XA Concrete Collar at Venice Pump Station for a cost not exceed \$14,351.25 with 6 additional days added to the completion time, and Change Order No.7 Time Extension & Survey Control for aa additional 166 days added to the completion time with a cost not to exceed \$2,828.96.

A motion was made by Mr. Brinkman, with a second by Dr. Moore to authorize the Chief Supervisor to approve the BP #11 Change Order No. 6 P-98XA Concrete Collar at Venice Pump Station for a cost not exceed \$14,351.25 with 6 additional days added to the completion time, and Change Order No.7 Time Extension & Survey Control for aa additional 166 days added to the completion time with a cost not to exceed \$2,828.96.

Dr. Moore called the roll and the following votes were made on the motion:

Mr. Andreas - Aye
Mr. Brinkman - Aye
Mr. Conrad - Aye
Ms. Crockett - absent
Mr. Merz - Aye
Mr. Metzger - absent
Dr. Moore - Aye

Mr. Parks – absent
Mr. Schwind –absent

The motion was approved unanimously.

Amendments to WSP Work Orders #16, #19, & #20

Mr. Conrad asked Mr. Cook to explain.

Mr. Cook explained additional funding for three WSP USA Environment & Infrastructure Inc. Work Orders for Authorized Level Services were needed for scope changes and extension of period of performance.

Summary of the amendments are as follows:

Work Order #16 – Prairie Du Pont/Fish Lake Authorized Level Field Investigation and Design – Amendment #4

Extends the Period of Performance from September 21, 2016 to December 31, 2026 and increases funding by \$1,768,000 from \$6,765,000 to \$8,533,000.

This amendment adds additional funding and schedule to complete the detailed design of Bid Packages 16 and 17. At a concept level, the Bid Package 16 scope includes construction of 58 new relief wells, 11 new seepage berms, 2 new pump stations, various conveyance systems, and abandonment of 52 relief wells. Similarly, the Bid Package 17 scope includes construction of 74 new relief wells, 6 new seepage berms, 2 new pump stations, various conveyance systems, and abandonment of 47 old relief wells. The current construction cost estimates for Bid Package 16 and 17 are \$11.7 and \$13.6M, respectively.

Work Order #19 – Wood River LERRDs Services – Amendment #4

Extends the Period of Performance from March 18, 2019 to December 31, 2026 and increases funding by \$110,000 from \$587,000 to \$697,000.

Coordination of utility relocations occurred during the construction of Bid Package 08 and Canal Road Pump Stations projects. Relocation at Canal Road Pump Station includes segment that would otherwise occur prior to the upcoming construction of Relief Well Package #3. Locating of Hartford force main as part of the USACE design of Relief Well Package #2. Additional coordination for complex acquisitions related to Old Wood River Channel and Relief Well Package #2. Drafting of easements for changes to be made in a revised Notice to Proceed for Relief Well Package #2. Issuing of Temporary Construction Easement renewals for ongoing construction.

Work Order #20 – Construction Phase Services – Amendment #4

Extends the Period of Performance from December 18, 2019 to December 31, 2025 and increases funding by \$1,042,000 from \$3,317,000 to \$4,359,000.

This amendment adds additional construction phase services for the completion of Bid Package 11 construction.

There was a brief discussion regarding Work Order #16 being for the completion of the design of the Authorized Level projects in the PDP/FL area, the additional funds needed for Work Order #20, and construction management costs .

Mr. Cook also referred to the following memo, included in the agenda package which provided additional support for the amendments.



MEMO

TO	Chuck Ewert	FROM	WSP
DATE	11 January 2024	CONFIDENTIALITY	Public
SUBJECT	WSP Work Orders 16, 19, and 20: January 2024 Amendments		

1 AMENDMENT INFORMATION

1.1 General

The agenda for the January 17, 2024, Southwestern Illinois Flood Prevention District Council (FPD Council) Board of Directors meeting includes amendments to WSP work orders 16, 19, and 20. (Specifically, Work Order 16, Amendment 4; Work Order 19, Amendment 4; and Work Order 20, Amendment 4.) This memo contains additional details about the work orders and additional work needed on each portion of the project.

1.2 Work Order 16: Prairie du Pont / Fish Lake Field Investigation and Design

Amendment 4 to WSP's Work Order 16 for the Prairie du Pont & Fish Lake (PdP/FL) authorized level field investigation and design includes the estimated time and fee (\$1,768,000.00) necessary to complete the remaining projects in the Prairie du Pont and Fish Lake Flood Protection Project. The initial work order for the authorized level design and field work in PdP/FL was approved over seven years ago, in September 2016. The PdP/FL project has been subject to several delays and unforeseen changes since we began work on the authorized level project in late September of 2016. Drilling was broken out into "phases" so that preliminary underseepage (geotechnical) design of the levee system could be completed. This allowed us to reduce the number of costly soil borings and lab work/documentation.

Substantial design work towards the Authorized Level improvements has been completed in PdP/FL, all of which started with subsurface investigations/drilling (borings). With each phase of drilling work, WSP obtained right-of-entry agreements for permission to drill on private property. Drilling occurred in three different phases. The initial (Phase I) Drilling Program Plan (DPP) was submitted in November 2016; however, in March 2017, the Corps notified us that the DPP was no longer necessary, and we were approved to drill under existing Section 408 permission.

Throughout 2017 and 2018 land acquisition work in the PdP/FL system was undertaken to purchase a handful of parcels that required relocation and demolition of existing structures. WSP managed the purchase/relocation process and the demolition contract with the levee district.

After much of this preliminary work was well underway (between Phase I and Phase II drilling efforts), the Corps alerted us in late 2018 that the PdP/FL levee system would undergo a semi-quantitative risk assessment (SQRA). The SQRA kicked off in December 2018 and, after several meetings among the risk assessment team (which WSP was a part of) and review, the SQRA was completed by June 2020.



By 2020 the Corps determined that we could no longer drill under our existing Section 408 permission, and required we submit a new DPP for Phase II subsurface investigations. Our Phase II DPP was submitted in December 2020 and approved 6 months later in May 2021. The DPP for Phase III was submitted in October 2021 and approved 7 months later in May 2022. Currently we are in the process of trying to amend the Phase III DPP to add 6 relief well pilot hole borings.

Throughout 2017 and 2018 land acquisition work in the PdP/FL system was undertaken to purchase a handful of parcels that required relocation and demolition of existing structures. WSP managed the purchase/relocation process and the demolition contract with the levee district.

Between summer of 2017 and summer 2018, topographic survey of the entire levee system was completed. Due to delays since 2018, spot checks of key areas will be necessary to verify the survey from 6 years ago.

Except for the Bid Package 15 design work, which is discussed further below, the design work completed for PdP/FL thus far has been preliminary in nature. This work consists of underseepage engineering, primarily to determine where drilling is needed. In the Wood River and East St. Louis (MESD) levee systems, the Corps completed this preliminary underseepage design work; however, since the PdP/FL system is 100% funded by the FPD Council, the Council is required to do all preliminary work beyond the 2012 LRR—which was a starting point—but most of the LRR work has been analyzed using more recent soil data and piezometer/ground water information. Much of this work was completed prior to the SQRA (2019-2021) and required re-validation after the SQRA was completed.

Detailed design of Bid Package 15 began after the Phase II drilling work was completed. The 35% design was submitted to USACE for review in September 2022, and we are currently scheduled to submit 65% complete design documents this month. Bid Package 15 underwent a lengthy value engineering phase resulted in an estimated \$1.8M reduction in construction cost. (The current construction cost estimate for Bid Package 15 is \$18.3M.) This relatively major change has been discussed at the last several FPD Council meetings and involves changing the underseepage control solution from relief wells, pipe, and a new pumping station to a seepage berm. Savings. The substantial construction and long-term maintenance cost savings outweigh the costs associated with the design work on the pump station and relief well system had already been incurred.

The estimate to finish design work on Bid Package 15 is \$182,000. Similarly, the estimates to complete detailed design on Bid Packages 16 and 17 are \$1,420,000 and \$1,340,000, respectively.

At a concept level, the Bid Package 16 scope includes construction of 58 new relief wells, 11 new seepage berms, 2 new pump stations, various conveyance systems, and abandonment of 52 relief wells. Similarly, the Bid Package 17 scope includes construction of 74 new relief wells, 6 new seepage berms, 2 new pump stations, various conveyance systems, and abandonment of 47 old relief wells. The current construction cost estimates for Bid Package 16 and 17 are \$11.7 and \$13.6M, respectively.

WSP evaluated the estimated design costs as a percentage of construction costs of prior Authorized Level design projects for which the Council is receiving Work-In-Kind credit; see Table 1.



Table 1: Authorized Level Project Design Costs and Construction Costs			
	Design Cost	Construction Cost	Design Cost as a Percent of Construction Cost
Bid Package 08	\$1,349,304.71	\$6,008,238.00 <i>(current value)</i>	22.5%
Bid Package 11	\$1,607,708.35	\$11,665,066.40 <i>(current value)</i>	13.8%
Bid Package 18	\$611,471.69	\$4,763,340.84	12.8%
Bid Package 15	\$2,163,000.00 <i>(current estimate)</i>	\$18,300,000.00 <i>(current estimate)</i>	11.8%
Bid Package 16	\$1,420,000.00 <i>(current estimate)</i>	\$11,700,000.00 <i>(current estimate)</i>	12.1%
Bid Package 17	\$1,340,000.00 <i>(current estimate)</i>	\$13,600,000.00 <i>(current estimate)</i>	9.9%

In May 2017, the Corps determined that a contributed funds agreement (a.k.a. Section 214 Agreement) would be the best vehicle to review the FPD Council's projects throughout the PdP/FL system. In December 2017 the FPD Council entered into an agreement for the Corps to review Bid Package 15. The Corps has prepared their estimates for review of Bid Packages 16 and 17. The Corps' cost estimates for review (as a percentage of estimated design costs) are presented in Table 2.



Table 2: USACE Estimated Review Costs and Estimated Design Costs			
	Review Cost	Design Cost	Review Cost as a Percent of Design Cost
Bid Package 15	\$331,832.97	\$2,163,000.00 <i>(current estimate)</i>	\$15.3%
Bid Package 16	\$217,100.00 <i>(current estimate)</i>	\$1,420,000.00 <i>(current estimate)</i>	15.3%
Bid Package 17	\$248,000.00 <i>(current estimate)</i>	\$1,340,000.00 <i>(current estimate)</i>	18.5%

Lastly, regarding environmental permitting—when this project was scoped in 2016, there was an understanding that the PdP/FL Authorized Level work by the FPD Council would need little to no permitting effort, as USACE had already completed an Environmental Assessment as part of their 2012 LRR. In early 2023, USACE informed the FPD Council and WSP that the old USACE permitting effort is outdated and the FPD Council will need to prepare new environmental permitting applications and coordinate with agencies as necessary. Much of this work is already completed, but the estimate to complete the remaining initial permit work and complete any necessary amendments as the project progresses is approximately \$88,000.00.

Considering both design and permitting work remaining, the estimate to complete the PdP/FL Authorized Level design work is approximately \$3,030,000. As of the time our estimate to complete was prepared (November & December 2023), the amount of approved funding remaining in Work Order 16 was approximately \$1,262,000; therefore, the requested amount for Amendment 4 is the difference between \$3,030,000 and \$1,262,000, which is \$1,768,000.00.

1.3 Work Order 19: Wood River LERRDs Services

The land, easements, rights of way, relocations, and disposal areas (LERRDs) work in Wood River has been occurring since early 2019. This work order is for the LERRDs for both the FPD Council’s projects in Wood River and those projects being undertaken by the Corps. Amendment 4 in the amount of \$110,000 is anticipated to complete another 18 months of LERRDs coordination with all the applicable stakeholders (USACE, legal counsel, negotiators, appraisers, utility owners, landowners, municipalities, etc.). This work is anticipated to be completed within the next 18 months.

1.4 Work Order 20: Construction Phase Services

Bid Package 11 is approximately 50% complete and to date, \$1,053,964.88 has been expended for construction phase services on Bid Package 11 (through January 5, 2024). The project is estimated to have



approximately one year of construction left, but the schedule is sensitive to weather and river stage. The one-year estimate accounts for typical weather delays and average river stages. An additional \$1,042,000.00 is estimated to perform construction phase services (oversight, submittal review, response to requests for information, evaluation of requests for change orders, etc.)

The project thus far has been impacted by the unusually low river stage. With such a low river stage, the contractor is unable to develop and test the newly installed relief wells (due to a lack of sufficient groundwater). This causes the relief wells to be partially complete, and thus cannot have the pipe conveyance systems constructed around them. The contractor and WSP have made every effort to adjust the sequence of work as possible to continue forward progress on the project, but the low river stage has impacted the schedule, as the contractor is much less efficient than initially planned.

WSP evaluated the estimated costs for construction phase services as a percentage of construction costs of prior Authorized Level design projects for which the Council is receiving Work-In-Kind credit. As indicated in Table 3, construction phase services for Bid Package 11 will be the lowest, as a percentage of total construction costs, of the Authorized Level construction projects completed thus far.

Table 3: Construction Phase Services Costs and Construction Costs			
	Construction Management & Oversight	Construction Cost	Construction Management as a Percent of Construction Cost
Bid Package 11	~\$2,100,000.00 <i>(current estimate)</i>	\$11,665,066.40 <i>(current value)</i>	18%
Bid Package 14A	\$231,812.37	\$950,746.86	24%
Bid Package 18	\$1,517,246.32	\$4,763,340.84	32%

END

Copies of each Work Order Amendments were also provided in the agenda package.

With the total amount of the Work Order Amendments totaling almost three million dollars, Mr. Conrad requested each Amendment be addressed individually.

Mr. Conrad asked for a motion to authorize the Chief Supervisor to execute Work Order #16 - Prairie Du Pont/Fish Lake Authorized Level Field Investigation and Design – Amendment #4 with WSP USA Environment & Infrastructure Inc. to extend the Period of Performance from September 21, 2016 to December 31, 2026 and increase funding by \$1,768,000 from \$6,765,000 to \$8,533,000.

A motion was made by Mr. Brinkman, with a second by Mr. Andreas to execute Work Order #16 - Prairie Du Pont/Fish Lake Authorized Level Field Investigation and Design – Amendment #4 with WSP USA Environment & Infrastructure Inc. to extend the Period of Performance from September 21, 2016 to December 31, 2026 and increase funding by \$1,768,000 from \$6,765,000 to \$8,533,000.

Dr. Moore called the roll and the following votes were made on the motion:

Mr. Andreas - Aye
Mr. Brinkman - Aye
Mr. Conrad –Aye
Ms. Crockett – absent
Mr. Merz - Aye
Mr. Metzger - absent
Dr. Moore – Aye
Mr. Parks – absent
Mr. Schwind – absent

The motion was approved unanimously.

Mr. Conrad asked for a motion to authorize the Chief Supervisor to execute Work Order #19 – Wood River LERRDs Services – Amendment #4 with WSP USA Environment & Infrastructure Inc. to extend the Period of Performance from March 18, 2019 to December 31, 2026 and increase funding by \$110,000 from \$587,000 to \$697,000.

A motion was made by Mr. Brinkman, with a second by Mr. Merz to execute Work Order #19 – Wood River LERRDs Services – Amendment #4 with WSP USA Environment & Infrastructure Inc. to extend the Period of Performance from March 18, 2019 to December 31, 2026 and increase funding by \$110,000 from \$587,000 to \$697,000.

Dr. Moore called the roll and the following votes were made on the motion:

Mr. Andreas - Aye
Mr. Brinkman - Aye
Mr. Conrad –Aye
Ms. Crockett – absent
Mr. Merz - Aye
Mr. Metzger - absent
Dr. Moore – Aye
Mr. Parks – absent
Mr. Schwind – absent

The motion was approved unanimously.

Mr. Conrad asked for a motion to authorize the Chief Supervisor to execute Work Order #20 – Construction Phase Services – Amendment #4 with WSP USA Environment & Infrastructure Inc. to extend the Period of Performance from December 18, 2019 to December 31, 2025 and increase funding by \$1,042,000 from \$3,317,000 to \$4,359,000.

A motion was made by Mr. Brinkman, with a second by Mr. Conrad to execute Work Order #20 – Construction Phase Services – Amendment #4 with WSP USA Environment & Infrastructure Inc. to extend the Period of Performance from December 18, 2019 to December 31, 2025 and increase funding by \$1,042,000 from \$3,317,000 to \$4,359,000.

Dr. Moore called the roll and the following votes were made on the motion:

Mr. Andreas - Aye
Mr. Brinkman - Aye
Mr. Conrad –Aye
Ms. Crockett – absent
Mr. Merz - Aye
Mr. Metzger - absent
Dr. Moore – Aye
Mr. Parks – absent
Mr. Schwind – absent

The motion was approved unanimously.

Corps of Engineers Update

Mr. Conrad asked Mr. Graef to provide the report from the Corps.

Mr. Graef highlighted his PowerPoint® presentation, which was included in the agenda package to illustrate his remarks. His presentation focused on the status of the Metro East Projects.

METRO EAST LEVEE SYSTEM PROGRAM UPDATE

He first, highlighted a photo of current Corps of Engineers Mel Price collector system construction.

Items in **bold** indicate updates from last meeting

MEL PRICE SEGMENT OF UPPER WOOD RIVER

Reach 2 Relief Well Contract

16 existing Relief Wells/25 new Relief Wells – Awarded 8Aug22

Preparing for final inspection of base contract work

Contract modified:

Abandon unneeded relief wells

Abandon unneeded piezometers

Hydroseed in the spring

Complete Mitigation

Mitigation credit purchase is complete

USACE coordinating with USFWS and IDNR to review/document the mitigation requirements

OMRR&R Payment to WTDLD

Compensation to LD offset additional O&M expenses

FY24

Payment pending sufficient funds following completion of all construction and mitigation work

Ribbon Cutting

Summer

Venue not yet determined

Project Close Out

All documents archived; financial close out

FY25

WOOD RIVER

Bid Package 8 contract

1 Pump Station/22 Relief Wells – Awarded 4Nov21

Pump Station Control System

Pump Control Cabinet to ship 12Jan24 (has been on backorder)

Pump Stations contract

PS #2 and #3 along Canal Rd – Awarded 28Sep22

Pump Station No. 2 – **awaiting delivery of pump tubes**

Pump Station No. 3 – **placing rebar for upper base slab**

12” waterline needs to be relocated

Seeking bids for open cut, directional bore, or combo

Relief Well #2/Ditch Work contract

55 Relief wells plus ditch work to convey the water to the WR PS – **ROW Cert
Nov24
Award Mar25**

Alt Ditch is considered a betterment

Options are to reconnect creek or Alternative Ditch

Technical USACE work is paused pending resolution

Relief Well #3 contract

30 Relief Wells – Aug24

Awaiting ROW Certification (**awaiting waterline relocation**)

Issued NTP for Acq Amendment on 11Sep23 (reduced area)

Pump Station Modification contract

Mods to WR and Hawthorne PSs – **Jul24**

Initiating BCOES in January

**Biddability, Constructability, Operability, Environmental and
Sustainability (BCOES) Review**

Berm

Vice PS/RW at Roxanna – **IDR Feb24/PPA Jul24**

Integral Determination Report (IDR) at Mississippi Valley Div.

Recommend to MVD that berm is WIK-eligible

**Project Partnership Agreement Amendment No. 2 to follow
IDR**

Mitigation

For BP-8 (maybe berm)

Plan is to purchase credits when berm is at 65% level of design

WIK

For BP-8 EDC

\$17,739,418.51 has been credited for both WIK No. 1 & 2

Next WIK request expected to be for BP -8 EDC

Total Project Cost

Update to TPC – 9Jan24

Updated TPC for current FY. \$108,078,000

Federal funding identified via Bipartisan Infrastructure Law

He next discussed and provided photos of the Wood River – RW#2/Ditch Work, which identified the Reconnect Old Wood River Creek option and the Alternative Ditch option.

EAST ST. LOUIS

BP-12 Ph1

106 D-Type Relief Wells – Awarded 26Aug21

Construction substantially complete: pump testing of 36 RWs continues to be delayed due to low river levels

BP-12 Ph2

43 T-Type Relief Wells (Ph2 and Ph3) – Award: 4th Qtr. FY 25

Approx. 65% design, with A/E design firm HDR continuing progress on railway shoring design for collector system

In coordination with IDOT, TRRA, Veolia, Alton-Southern

ROW NTP sent to MESD in November 2023

BP14B

Filter Blanket – Award: 4th Qtr FY24

USACE will administer construction contract after BCOES review is complete and real estate is acquired

WSP may be needed to address mods during construction

WIK BP-11*

Relief Wells

USACE coordination with WSP/Keller during construction

WIK BP 18A*

Phillips reach PS Modifications

USACE to review 35% design

WIK Credit Requests

BP-14A and 18 – 8Aug23

\$12,183,767.91 has been credited for WIK No. 3-6

\$24,559,173.61 has been credited for all WIK to date

LERRDs*

Land, Easements, ROW, Relocations and Disposal

\$1,607,516.56 has been credited for LERRDs to date

Total Project Cost

Update to TPC- 9Aug23

\$151,065,000 is current estimate

FPD estimates with construction of BP18A, BP11, and Remaining LERRDs, 35% cost share will be satisfied

*Recommend WIK/LERRDs credit requests be submitted at regular intervals, vice waiting to the end of the project.

PRAIRIE DU PONT AND FISH LAKE

Bid Package 15 coordination

Pump Station and underseepage controls - TBD

USACE anticipates receipt of 65% design in mid-January

Future Bid Package coordination

TBD

Anticipate future Contributed Funds Agreement for each BP

Draft Agreement with Scope of Work (both BP-16 and BP-17) sent to FPD for review/comment on 8Nov23

Agreement needs to be in place prior to USACE review of first submittal

Environmental Assessment

Supplemental EA – TBD

USACE anticipates receipt of revised Draft EA by end of January

Mr. Conrad thanked Mr. Graef and asked for a motion to accept the Corps of Engineers Update Report. A motion to accept the Corps of Engineers Update Report was made by Mr. Brinkman with second by Mr. Merz on the motion.

Dr. Moore called the roll and the following votes were made on the motion:

Mr. Andreas - Aye
Mr. Brinkman - Aye
Mr. Conrad – Aye
Ms. Crockett – absent
Mr. Merz - Aye
Mr. Metzger - absent
Dr. Moore – Aye
Mr. Parks – absent
Mr. Schwind – absent

The motion was approved unanimously.

Public Comment

Mr. Conrad asked if there was any public comment. There was none.

Other Business

Mr. Conrad asked if there was any other business. There was none.

Adjournment

Mr. Conrad asked if there was any old business. There was none.

Being none, Mr. Conrad then adjourned the meeting.

Respectfully submitted,

Debra Moore,
Secretary/Treasurer, Board of Directors



Memo to: Board of Directors
From: Chuck Ewert
Subject: Program Status Report for March 2024
Date: March 18, 2024

500-Year Authorized Level Status

Wood River Levee System

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

The Corps will now begin the process of amending the Project Partnership Agreement (PPA), which is necessary before design of Bid Package 9 can safely begin. The PPA amendment is expected to take several months and be completed in summer 2024. As reported over the past few months this delay in IDR and PPA approvals will shift design and construction work of Bid Package 9 by at least 6 months and likely result in slightly higher construction costs due to the natural increase in prices over time.

The Corps is preparing a revised Notice-to-Proceed (NTP) letter for land acquisition for Relief Well Package 2 (RWP2). (RWP2 is the project that the Old Channel Wood River work falls within.) After the revised NTP is received from the Corps, the FPD Council will begin the formal appraisal process and make an offer to the City of Wood River for the easement(s) necessary for the project. Eligibility of this easement acquisition for LERRDs credit is currently being evaluated; however, if LERRDs credit will not be awarded, the decision on how to proceed will need to be determined.

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

As reported over the past several months, the river stage continues to slow construction on Bid Package 11, but work is progressing.

The BCOES review of Bid Package 14B is complete and all comments have been backchecked and closed. As a reminder, Bid Package 14B was designed by the FPD Council but will now be constructed by the Corps since the FPD Council is projected to meet its 35% match with the design and construction of Bid Package 18A being added to the Authorized Project in East St. Louis. The BCOES was the last review before the Corps issues the project for bid later this year.

The 35% complete construction drawings, specifications, and design report for Bid Package 18A were submitted to the Corps on November 29. We are awaiting a revised relief well plan from the Corps before work can progress any further. The revised plan was anticipated at the end of January, but the Corps has indicated they are still working towards completing it.

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 65% design of Bid Package 15 was submitted to USACE on January 29 and the Corps is currently reviewing. As of March 11, all branches of the Corps had reviewed the package except for the geotechnical branch. WSP has begun the process of identifying necessary easements. After the Corps concurs with the general concept and footprint of the 65% designs, the land acquisition process will start.

Geotechnical design of Bid Package 16 is underway, and the 35% complete design is scheduled for this summer, with Bid Package 17 following a few months after. Legal survey for both Bid Packages 16 and 17 is starting in late March and will be ongoing effort over the next several months, wrapping up in late summer 2024.

Revisions to the Draft Environmental Assessment for the PDL/FL project were submitted to USACE on January 23, 2024. No further comments have been received from USACE at this time. The Environmental Assessment is necessary to obtain the Section 408 permissions needed to construct Bid Packages 15, 16, and 17.

Attached is WSP's Monthly Construction Progress Report.

Recommendation:

Accept the Program Status Report for March 2024.



Southwestern Illinois Flood Prevention District Council
c/o Charles Etwert
104 United Drive
Collinsville, IL 62234

**Southwestern Illinois Levees
Restoration of the Federally Authorized Level of Flood Protection
Monthly Construction Progress Report
March 2024**

WSP Project No. 563170001
Period Ending Date: March 8, 2024

Date of Issue: March 8, 2024

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1. OVERVIEW

1.1 Project Description

In February 2015 the Southwestern Illinois Flood Prevention District Council (FPD Council) passed a resolution to restore the federally authorized level of flood protection to the Prairie du Pont and Fish Lake Flood Protection Project, the East St. Louis and Vicinity Flood Protection Project, and the Wood River Flood Protection Project. The FPD Council has entered into Project Partnership Agreements with the U.S. Army Corps of Engineers and the non-federal sponsors for the Wood River and East St. Louis levee systems to create a partnership whereby the FPD Council can design and construct certain improvements necessary to restore the federally authorized level of protection. The FPD Council is constructing certain work packages, or "Bid Packages", as described below:

Bid Package 11 is composed of the construction of underseepage controls in the Metro-East Sanitary District Levee System, from station 774+00 to 889+00. This includes modification of an existing levee pump station and outlet works, appurtenant erosion control, installation of relief wells, modification and abandonment of existing relief wells and collector systems, and drainage ditches or conduits of conveyance thereof.

Bid Package 14A was composed of the construction of underseepage controls in the Metro-East Sanitary District Levee System, from station 821+00 to 863+00. This included construction of a cut-off trench, placement of 2 riverside blankets/berms, construction of 2 piezometers, and placement of random fill in an old ditch on the landside of the levee.

Bid Package 18 was composed of the construction of underseepage controls in the Metro-East Sanitary District Levee System, from station 1207+00 to 1352+00. This included new relief well construction, pump station structural modifications, pump station forebay box culvert and fill, and amendments/additions to the relief well collector system.

1.2 Key Contacts / People

Program Manager	Jay Martin, PE, 615.957.2127 jay.martin@wsp.com
Project Manager	Jon Omgig, AICP, 636.795.7696 jon.omgig@wsp.com
Engineer of Record (Civil)	Randy Cook Jr., PE, 618.530.5658 randy.cook@wsp.com
Engineer of Record (Geotechnical)	Mary Knopf, PE, 502.333.4391 mary.knopf@wsp.com
Resident Project Representative	Dalton Brookshire, 618.401.7359 dalton.brookshire@wsp.com
Construction Inspector	Jeffery Johnson, 618.250.1670 jeffery.johnson@wsp.com

2. HEALTH, SAFETY, SECURITY, ENVIRONMENT (HSSE)

2.1 HSSE Reports

Health/Safety		
The Contractor(s) conducts daily toolbox safety talks.		
Security		
Nothing to report this month		
Environment (SWPPP)		
Forms submitted as required		
River Stage Restrictions		
The project specifications dictate that excavations shall cease when the Mississippi River Stage is:		
Bid Package	River Stage	River Elevation
11	14.6 / 25 (depending on work area)	404.58 (St. Louis)
NOTE: A modification for work restrictions was agreed upon to allow the contractor to work up to 18.5' on the St. Louis gauge. Furthermore, the contractor may work when the river exceeds 18.5' if they can demonstrate the ability to adequately monitor and control the groundwater in the GCED 1X Pump Station work area.		

3. PROJECT STATUS UPDATE

3.1 Bid Package 11

3.1.1 Calendar

Bid Date:	August 9, 2022
Contract executed	September 7, 2022
Schedule received	April 12, 2023
Anticipated start of field activities	December 2022
Start of field activities	February 22, 2023
Contract completion date	<i>Final completion September 17, 2024</i>
Final Walk Through	TBD
Final Acceptance	N/A

3.1.2 Progress

- Drilling Services has drilled all 66 Relief Wells, original contract quantity plus change order 05 quantity.
 - Drilling Services has developed 47 Relief Wells to date.
 - Drilling Services has placed 47 Relief Well seals.
 - The remaining 19 Relief Well seals and development will occur when the groundwater has risen.
 - Keller started backfilling the collector system at Venice Pump Station, from RW-92X to the pump station.
 - Keller has constructed the G.C.E.D 1X outfall structure, excluding the interior baffles, and plans to start backfilling.
- Property Acquisition
 - Temporary easement from Beelman has been granted.

3.1.3 FPD Council Board of Directors Considerations

- None at this time.

3.1.4 Submittals

- Submittals are in progress.

3.1.5 Change Orders

- Change Order 01: Manhole 76XC Lid Modification, approved on 6/7/2023.
- Change Order 02: Upgrading medium duty to heavy duty flap gates, approved on 6/14/2023.
- Change Order 03: BP 12 Fence Replacement Scope of Work, approved on 7/27/2023. Board approved on 7/19/2023.
- Change Order 04: Relief Well Bentonite Seals, approved on 7/22/2023.
- Change Order 05: Addition of RW-36X and RW-36XB, approved on 8/18/2023.
- Change Order 06: Concrete Collar at Venice Pump Station, approved on 2/12/2024.
- Change Order 07: Time Extension for RFI 11 and Survey Control, approved on 2/12/2024.
- Change Order 08: RW-91XAR and RW-91XBR, pending.
- Change Order 09: Backfill Density Testing Frequency, pending Board approval.
- Change Order 10: Modifying RW-36X and RW-36XB to Include Ductile Iron Pipe and Flap Gates, pending Board approval.

- 3.1.6 QC/QA Activities
 - Complete to date
- 3.1.7 Other Considerations
 - None at this time
- 3.1.8 Payment Progress
 - Eighth Payment to the Contractor was made on November 9, 2023.
 - Ninth Payment to the Contractor was made on November 27, 2023.
 - Tenth Payment to the Contractor was made on December 20, 2023.
 - See Contract Invoice Log attached.

3.2 Bid Package 14A

3.2.1 Calendar

Bid Date:	January 6, 2019
Contract executed	February 18, 2020
Schedule received	Not yet received
Anticipated start of field activities	July 2020
Start of field activities	September 2, 2020
Contract completion date	<i>Final completion January 22, 2021</i>
Final Walk Through	December 18, 2020 Substantial Completion Meeting resulted in no issues that required further attention
Final Acceptance	December 18, 2020

3.2.2 Progress

- Final submission of project summary documentation for close-out with USACE completed on February 10, 2022.

3.2.3 Property Acquisition

- America’s Central Port - Complete

3.2.4 Levee Board Considerations

- None at this time

3.2.5 Submittals

- Submittals are complete

3.2.6 Change Orders

- Change Order No. 1 to address the lost time and additional effort necessary to work around the unknown 10” gas line utility was approved on November 8, 2020.
- Change Order No. 2 for slag removal at the piezometer locations approved November 24, 2020.
- Change Order No. 3 for time extension was approved December 18, 2020.
- Change Order No. 4 for time extension in progress approved June 21, 2021.
- Change Order No. 5 for unit price and quantity adjustments approved June 21, 2021.

3.2.7 QC/QA Activities

- Complete

3.2.8 Considerations

- None

3.2.9 Payment Progress

- Final Payment to the Contractor was made on May 25, 2021.

3.3 Bid Package 18

3.3.1 Calendar

Bid Date:	November 6, 2019
Contract executed	January 15, 2020
Schedule received	February 20, 2020
Anticipated start of field activities	March 2020
Start of field activities	March 20, 2020
Contract completion date	<i>Final completion September 30, 2021.</i>
Final Walk Through	October 6, 2021
Final Acceptance	October 6, 2021

3.3.2 Progress

- Final submission of project summary documentation for close-out with USACE completed on July 25, 2022.

3.3.3 Property Acquisition

- No acquisition was necessary for this bid package

3.3.4 Levee Board Considerations

- None

3.3.5 Submittals

- Complete

3.3.6 Change Orders

- Change Order No. 1 completed on April 21, 2020
- Change Order No. 2 approved by FPD Council Board on August 19, 2020
- Change Order No. 3 approved by FPD Council Board on November 9, 2020
- Change Order No. 4 approved by FPD Council Board on February 5, 2021.
- Change Order No. 5 approved on December 23, 2021.

3.3.7 QC/QA Activities

- Complete

3.3.8 Considerations

- None

3.3.9 Payment Progress

- Final Payment to the Contractor was made on January 10, 2022.

Change Request Log

Contractor:	Keller Construction, Inc. 22 Illini Drive Glen Carbon, IL 62034
Project:	Design Deficiency Corrections for East St. Louis, Illinois Flood Protection Project
Bid Package No.:	11
Big Package Name:	Underseepage and Through-Seepage Controls from 774+00 to 889+00

Original Contract Amount:	\$ 11,665,066.40
Change Orders Total:	\$ 799,662.76
Total Revised Contract Amount:	\$ 12,464,729.16

(Includes Pending Change Orders)
(Assumes Approval of Pending Change Orders)

Change Request No.	PCN No.	Description	Change Type (Field, Design, Spec, Other)	Cost	As-Bid Line Item	Original Cost of Associated Line Item	% of Original Line Item	% of Original Contract	Date	Status	Comments
1	5	MH-76XC Lid Modification	Design	\$ 1,720.00	36	\$ 30,000.00	5.73%	0.01%	6/8/2023	Approved	Changing lid to area inlet
2	2	Outfall Structure Heavy Duty Flap Gates	Design	\$ 6,403.20	11	\$ 320,000.00	2.00%	0.05%	6/14/2023	Approved	Upgrading from medium duty to heavy duty
3	7	BP 12 Fence Replacement Scope of Work	Other	\$ 172,126.15	5	\$ 77,764.96	221.34%	1.48%	7/27/2023	Approved	Reducing re-work of newly installed replacement fence.
4	9	Addition of Bentonite Seals D-Type RW Addition of Bentonite Seals T-Type RW	Design Design	\$ 28,086.90 \$ 200,119.11	16, 17 16, 18	\$ 398,223.00 \$ 3,240,540.00	7.05% 6.18%	0.24% 1.72%	7/21/2023	Approved	Addition of bentonite seals
5	10	Addition of RW-36X and RW-36XB	Design	\$ 121,121.75	5,17,21,22, 32,33,40			1.04%	8/18/2023	Approved	Redesign of RW-36X and addition of RW-36XB
6		Concrete Collar at Venice Pump Station	Field	\$ 14,351.25	30	\$ 10,274.40	140.00%	0.12%	2/11/2024	Approved	Connection of existing RCP to new RCP
7		Extension of Time and Survey Control	Other	\$ 2,828.96	3	\$ 79,000.00	3.58%	0.02%	2/11/2024	Approved	Time extension for RFI 11 and survey control
8	18	RW-91XAR and RW-91XBR	Design	\$ 155,981.97	1,2,17,20,3 2,33			1.34%	3/8/2024	Pending	Adding RW-91XAR and RW-91XBR
9	15	Additional Pipe Backfill Density Test Frequency	Design	\$ 82,588.86	No bid item			0.71%	3/8/2024	Pending	Modifying Pipe Backfill Specifications
10	10	Modifying RW-36X and RW-36XB	Design	\$ 14,334.61	1,2, No Bid item			0.12%	3/8/2024	Pending	Modifying discharge outlet for RW-36X and RW-36XB

CONTRACT INVOICE LOG

Contractor:	Keller Construction, Inc. 22 Illini Drive Glen Carbon, IL 62034
Project:	Design Deficiency Corrections for East St. Louis, Illinois Flood Protection Project
Bid Package Number:	11
Bid Package Name:	Underseepage Controls from 774+00 to 889+00, GCED 1X Pump Station/Outfall

Original Contract Amount:	\$ 11,665,066.40
Total Change Order Amount:	\$ 546,757.32
Total Revised Contract Amount:	\$ 12,211,823.72

Payment Request No.	Pay Request Date	Pay Request Approval Date	Total Completed to Date (\$)	Amount Retained (10% to 50%) then (5% to 95%)	Total Earned Less Retained (\$)	Amount Invoiced (\$)	Date Paid by FPD	Estimate to Complete Including Retainage (\$)
1	2/15/2023	2/17/2023	\$355,768.14	\$35,576.81	\$320,191.33	\$320,191.33	2/28/2023	\$11,344,875.07
2	4/17/2023	4/21/2023	\$993,448.65	\$99,344.87	\$894,103.79	\$573,912.46	4/24/2023	\$10,770,962.62
3	4/28/2023	5/11/2023	\$1,811,458.34	\$181,145.84	\$1,630,312.50	\$736,208.71	5/16/2023	\$10,034,753.90
4	7/14/2023	7/17/2023	\$2,710,950.39	\$271,095.02	\$2,439,855.37	\$809,542.87	7/24/2023	\$9,233,334.23
5	7/14/2023	7/20/2023	\$3,821,633.07	\$382,163.29	\$3,439,469.78	\$999,614.41	7/26/2023	\$8,405,845.97
6	8/15/2023	8/25/2023	\$4,252,996.32	\$419,988.07	\$3,833,008.25	\$388,226.92	8/29/2023	\$8,366,946.81
7	10/10/2023	10/16/2023	\$4,874,579.26	\$487,457.93	\$4,387,121.33	\$554,113.08	10/16/2023	\$7,812,833.73
8	11/8/2023	11/8/2023	\$5,609,464.13	\$560,946.43	\$5,048,517.70	\$666,707.92	11/9/2023	\$7,146,125.81
9	11/16/2023	11/27/2023	\$5,913,562.23	\$591,356.24	\$5,322,205.99	\$273,688.29	11/27/2023	\$6,872,437.52
10	12/13/2023	12/19/2023	\$6,412,311.86	\$641,231.20	\$5,771,080.66	\$448,874.67	12/20/2023	\$6,423,562.85

Change Request Log

Contractor:	Keller Construction, Inc. 22 Illini Drive Glen Carbon, IL 62034
Project:	Design Deficiency Corrections for East St. Louis, Illinois Flood Protection Project
Bid Package No.:	14A
Big Package Name:	Underseepage Controls from 821+00 to 863+00

Original Contract Amount:	\$ 905,000.00
Change Orders Total:	\$ 45,746.86
Total Revised Contract Amount:	\$ 950,746.86

(Includes Pending Change Orders)
(Assumes Approval of Pending Change Orders)

Change Request No.	PCN No.	Description	Change Type (Field, Design, Spec, Other)	Cost	As-Bid Line Item	Original Cost of Associated Line Item	% of Original Line Item	% of Original Contract	Date	Status	Comments
1	1	Ameren 10-inch Pipeline	Other	\$ 56,869.66	N/A	N/A	N/A	6.28%	11/8/2020	Approved	Address 10-inch unmarked Ameren pipeline.
2	2	Pizeometer Bollard Slag Removal	Field	\$ 4,872.00	14A.01 14A.09	\$44,000 \$22,000	6.3% 9.5%	0.54%	11/24/2020	Approved	Additional equipment and labor associated with addressing unforeseen slag encountered during installation of piezometer bollards. Time extension of 18 days.
3	3	Time Extension	Other	\$ -	N/A	\$ -	0.00%	0.00%	12/18/2020	Approved	Contract time extension due to unfavorable ground conditions and weather. Project completion is changed from 12/18/2020 to 1/22/2021.
4	4	Time Extension	Other	\$ -	N/A	\$ -	0.00%	0.00%	6/21/2021	Approved	Contract time extension due to unfavorable ground conditions and weather. Project completion is changed from 1/22/2021 to 5/21/2021.
5	5	Unit Price and Quantity Adjustments	Design, Field, and Other	(\$15,994.80)	14A.10 14A.11 14A.12 14A.13	\$ -	0.00%	-1.77%	6/21/2021	Approved	Contractor has requested quantity adjustments for various cuts/fills and a unit price adjustment for the south blanket.

CONTRACT INVOICE LOG

Contractor:	Keller Construction, Inc. 22 Illini Drive Glen Carbon, IL 62034
Project:	Design Deficiency Corrections for East St. Louis, Illinois Flood Protection Project
Bid Package Number:	14A
Bid Package Name:	Underseepage Controls from 821+00 to 863+00

Original Contract Amount:	\$ 905,000.00
Change Order #1:	\$ 56,869.66
Change Order #2:	\$ 4,872.00
Change Order #3:	-\$ 15,994.80
Total Change Order Amount:	\$ 45,746.86
Total Revised Contract Amount:	\$ 950,746.86

Payment Request No.	Pay Request Date	Pay Request Recommended Approval Date	Total Completed to Date (\$)	Amount Retained (10% to 50%) then (5% to 95%)	Total Earned Less Retained (\$)	Amount Invoiced (\$)	Date Paid by FPD	Estimate to Complete Included Retainage (\$)
1	4/30/2020	4/30/2020	\$22,000.00	\$2,200.00	\$19,800.00	\$19,800.00	5/6/2020	\$885,200.00
2	10/28/2020	10/30/2020	\$505,075.51	\$50,507.56	\$454,567.95	\$434,767.95	10/30/2020	\$450,432.05
3	11/13/2020	11/13/2020	\$835,845.80	\$83,584.59	\$752,261.21	\$297,693.26	11/18/2020	\$152,738.79
4	12/11/2020	12/14/2020	\$893,483.22	\$89,348.33	\$804,134.89	\$51,873.68	12/15/2020	\$146,611.97
5	5/20/2021	5/24/2021	\$950,746.86	\$0.00	\$950,746.86	\$146,611.97	5/25/2021	\$0.00

Change Request Log

Contractor:	Keller Construction, Inc. 22 Illini Drive Glen Carbon, IL 62034
Project:	Design Deficiency Corrections for East St. Louis, Illinois Flood Protection Project
Bid Package No.:	18
Big Package Name:	Underseepage Controls from 1207+00 to 1352+00

Original Contract Amount:	\$ 4,798,418.20
Change Orders Total:	\$ 35,077.36
Total Revised Contract Amount:	\$ 4,783,340.84

(Includes Pending Change Orders)
(Assumes Approval of Pending Change Orders)

Change Request No.	PCN No.	Description	Change Type (Field, Design, Spec, Other)	Cost	As-Bid Line Item	Original Cost of Associated Line Item	% of Original Line Item	% of Original Contract	Date	Status	Comments
1	13	Add 2 feet to 8 T-Type Relief Well Manholes.	Field	\$ 7,176.00	N/A	N/A	N/A	0.15%	2/1/2020	Approved	RW-159X, RW-160X, RW-161X, RW-162X, RW-163X, RW-164X, RW-165X, RW-166X.
2	3	New Piezometers, Duckbill Check Valve, and Contract Time Extension	Design, Field, & Other	\$ 170,529.06	N/A	N/A	N/A	3.55%	8/19/2020	Approved	Add 13 piezometers (design change), new check valve (field change), & time extension for high river stage (other change).
3	4	Interior & Exterior 10'x10' Box Culvert Joint Sealants, Removal of 9 Piezometers, and Contract Time Extension	Design, Field, & Other	\$ (97,883.84)	N/A	N/A	N/A	-2.04%	11/9/2020	Approved	Install interior & exterior joint sealants on 10'x10 box culvert joints and dewatering to facilitate installation thereof. Removal of 9 piezometers from change order no. 2. Schedule extension for check valve lead time.
4	11	Contract Time Extension	Other	\$ -	N/A	N/A	N/A	0.00%	2/5/2021	Approved	Time extension (90-days) for critical delays caused by weather (other change)
5	1, 2, 8, 10, 15, 16, 17, 18, 19	Raising discharge of fill area 2 relief wells, Eliminate RW-227A, Descope 36 relief well abandonments, relief well footage reconciliation, Abandonment of old manhole in Forebay, Cahokia Pump Station and Driveway Extras, Contract Time Extensions, and Fill Quantity Reconciliation	Design, Field, & Other	\$ (114,898.58)	N/A	N/A	N/A	-2.39%	12/23/2021	Approved	Adding a total of 20.1-LF of relief well footage for Fill Area 2 Wells (design/field change). Eliminate 75.7-LF of T-Type well for RW-227A. (design change). Descope 36 relief well abandonments (design/field change) and relief well footage reconciliation for D/T-Type wells and obstructed drilling (field change). Extra CLSM to abandon an old manhole encountered in the Forebay fill. (field change). Extra fence to accommodate grade around the Cahokia Pump Station, as well as extra rock and fabric for within the fenced area and to facilitate driveway/access improvements for the Pump Station (design/field). Time extension (177-days) for critical delays caused by weather and groundwater conditions (other change). Fill Quantity Reconciliation (field change).

CONTRACT INVOICE LOG

Contractor:	Keller Construction, Inc. 22 Illini Drive Glen Carbon, IL 62034
Project:	Design Deficiency Corrections for East St. Louis, Illinois Flood Protection Project
Bid Package Number:	18
Bid Package Name:	Underseepage Controls from 1207+00 to 1352+00

Original Contract Amount:	\$ 4,798,418.20
Change Order #1:	\$ 7,176.00 (2/1/2020)
Change Order #2:	\$ 170,529.06 (8/19/2020)
Change Order #3:	-\$ 97,883.84 (11/9/2020)
Change Order #5:	-\$ 114,898.58 (12/22/2021)
Total Change Order Amount:	-\$ 35,077.36
Total Revised Contract Amount:	\$ 4,763,340.84

Payment Request No.	Pay Request Date	Pay Request Approval Date	Total Completed to Date (\$)	Amount Retained (10% to 50%) then (5% to 95%)	Total Earned Less Retained (\$)	Amount Invoiced (\$)	Date Paid by FPD	Estimate to Complete Including Retainage (\$)
1	3/31/2020	4/9/2020	\$109,038.87	\$10,903.89	\$98,134.98	\$98,134.98	4/10/2020	\$4,707,459.22
2	5/7/2020	5/14/2020	\$281,792.87	\$28,179.29	\$253,613.58	\$155,478.60	5/14/2020	\$4,551,980.62
3	6/7/2020	7/22/2020	\$597,279.99	\$59,728.00	\$537,551.99	\$283,938.41	7/23/2020	\$4,268,042.21
4	7/15/2020	7/23/2020	\$776,708.35	\$77,670.85	\$699,037.51	\$161,485.51	7/23/2020	\$4,106,556.70
5	8/7/2020	8/14/2020	\$1,039,513.04	\$103,951.32	\$935,561.72	\$236,524.22	8/17/2020	\$3,870,032.48
6	9/8/2020	9/8/2020	\$1,346,980.73	\$134,698.07	\$1,212,282.66	\$276,720.92	9/9/2020	\$3,763,840.62
7	10/16/2020	10/26/2020	\$2,509,094.48	\$250,909.45	\$2,258,185.03	\$1,045,902.37	10/28/2020	\$2,717,938.26
8	11/12/2020	11/13/2020	\$3,132,599.92	\$313,260.01	\$2,819,339.91	\$561,154.88	11/18/2020	\$2,058,899.54
9	12/10/2020	12/14/2020	\$3,800,863.21	\$380,086.34	\$3,420,776.87	\$601,436.96	12/15/2020	\$1,457,462.58
10	1/28/2021	2/1/2021	\$4,381,672.73	\$438,167.29	\$3,943,505.44	\$522,728.57	2/2/2021	\$934,734.01
11	4/12/2021	4/21/2021	\$4,588,606.96	\$229,430.37	\$4,359,176.59	\$415,671.16	4/22/2021	\$404,164.28
12	5/4/2021	5/24/2021	\$4,605,550.74	\$230,277.56	\$4,375,273.18	\$16,096.59	5/25/2021	\$388,067.69
13	6/9/2021	6/16/2021	\$4,613,643.52	\$230,682.20	\$4,382,961.32	\$7,688.14	6/16/2021	\$380,379.55
14	7/7/2021	7/9/2021	\$4,642,077.53	\$232,103.90	\$4,409,973.64	\$27,012.32	7/12/2021	\$353,367.23
15	12/30/2021	1/9/2022	\$4,763,340.84	\$0.00	\$4,763,340.84	\$353,367.20	1/10/2022	\$0.00



Memo to: Board of Directors
From: Chuck Etwert
Subject: Budget and Disbursement Reports for January & February 2024
Date: March 18, 2024

Current Budget Highlights

Attached are the financial statements for January and February prepared by our fiscal agent, CliftonLarsonAllen. The reports include an accounting of revenues and expenditures for the months ending January 31, 2024 and February 29, 2024 as compared to the according fiscal year budget.

Accrued expenditures for the fiscal year beginning on October 1, 2023 thru January 31, 2024 were \$10,375,949 while revenues amounted to \$5,955,356 resulting in a deficit of \$4,420,594.

Accrued expenditures for the fiscal year beginning on October 1, 2023 thru February 29 2024 were \$11,755,158 while revenues amounted to \$7,515,972 resulting in a deficit of \$4,239,187.

A total of \$58,939,925 is held by the counties in their respective FPD sales tax funds and will be needed by the Council for the 500-Year Authorized Level of Protection. Council has requested each county provide 50% of their FPD sales tax funds by April 1st.

Monthly sales tax receipts of \$1,471,318 for November 2023 were down 1.18% from last year, and receipts of \$1,712,593 for December 2023 were up 3.92% from last year. Receipts for the year, \$17,264,399 were up 1.72% from last year and were \$5,125,602 more than collected in 2020.

Monthly Disbursements

Attached are bank transactions for January & February 2024. Total disbursements for January were \$257,373.17 and for February \$1,453,337.58 with the largest payments in January being to WSP and the largest payments in February being to TRRA, the Village of Roxana, USACE, and WSP. There were no payments to Keller Construction in either month.

Recommendation:

Accept the budget and disbursements for January & February 2024.

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION
DISTRICT COUNCIL**

**GENERAL FUND
STATEMENT OF REVENUES AND EXPENDITURES – BUDGET AND ACTUAL**

FOUR MONTHS ENDED JANUARY 31, 2024 AND 2023



Board Members
Southwestern Illinois Flood Prevention District Council
Collinsville, Illinois

Management is responsible for the accompanying General Fund Statement of Revenues and Expenditures of Southwestern Illinois Flood Prevention District Council (the "Council") for the four months ended January 31, 2024 and 2023, in accordance with accounting principles generally accepted in the United States of America. Management is also responsible for the accompanying financial forecast of Southwestern Illinois Flood Prevention District Council, which comprises the forecasted statements of revenues and expenditures for the year ending September 30, 2024, and the related summary of significant assumptions in accordance with guidelines for the presentation of financial forecast established by the American Institute of Certified Public Accountants (AICPA). We have performed compilation engagements in accordance with Statements on Standards for Accounting and Review services promulgated by the Accounting and Review Services Committee of the American Institute of certified Public Accountants. We did not audit or review the historical financial statements or the financial forecast nor were we required to perform any procedures to verify the accuracy or completeness of information provided by management. Accordingly, we do not express an opinion a conclusion, nor provide any form of assurances on these historical financial statements and this financial forecast.

The forecasted results may not be achieved as there will usually be differences between the forecasted and actual results, because events and circumstances frequently do not occur as expected, and these differences may be material. We assume no responsibility to update this report for events and circumstances occurring after the date of this report.

Management has omitted the management discussion and analysis. Such missing information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context.

Management has not presented government-wide financial statements to display the financial position and changes in financial position of its governmental activity. Accounting principles generally accepted in the United States of America require the presentation of government-wide financial statements. The change in fund balance for the Council's governmental activity is not reasonably determinable.

Management has not presented a balance sheet for the general fund. Accounting principles generally accepted in the United States of America require the presentation of a balance sheet for each fund contained in the financial statements. The amounts that would be reported in a balance sheet of the general fund for the Council are not reasonably determinable.

Management has not presented a change in fund balance on the Statement of Revenues and Expenditures – Budget and Actual. Accounting principles generally accepted in the United States of America require the Statement of Revenues, Expenditures and Changes in Fund Balance include a presentation of changes in fund balance. The amounts that would be reported in government-wide financial statements for the Council's governmental activity is not reasonably determinable.

Management has also elected to omit substantially all of the disclosures required by generally accepted accounting principles. If the omitted disclosures were included with the financial statements, they might influence the user's conclusions about the Council's results of operations. Accordingly, the historical financial statements and the financial forecast are not designed for those who are not informed about such matters.

The accompanying original and final budget amounts presented on the General Fund Statement of Revenues and Expenditures – Budget and Actual presented for the year ending September 30, 2024 and 2023, have not been compiled or examined by us, and, accordingly, we do not express an opinion or any other form of assurance on them.

We are not independent with respect to Southwestern Illinois Flood Prevention District Council.

Draft

CliftonLarsonAllen LLP

St. Louis, Missouri
February 2, 2024

SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
GENERAL FUND
STATEMENT OF REVENUES AND EXPENDITURES - BUDGET AND ACTUAL
FOUR MONTHS ENDED JANUARY 31, 2024 (Actual)
FISCAL YEAR ENDING SEPTEMBER 30, 2024 (Budget)
DRAFT

	BUDGET		ACTUAL	VARIANCE WITH
	ORIGINAL	FINAL		FINAL BUDGET
				POSITIVE (NEGATIVE)
REVENUES				
Sales Tax Proceeds From Districts	\$ 17,284,013	\$ 17,284,013	\$ 5,721,802	\$ 11,562,211
Interest Income	135,000	135,000	233,554	(98,554)
Other Contributions	-	-	-	-
Total Revenues	<u>17,419,013</u>	<u>17,419,013</u>	<u>5,955,356</u>	<u>11,463,657</u>
EXPENDITURES				
Current				
Design and Construction				
Engineering Design & Construction	5,567,539	5,567,539	882,150	4,685,389
Management				
Construction	22,492,464	22,492,464	1,991,065	20,501,399
Construction and design by US ACE	500,000	500,000	124,833	375,167
Total Design and Construction	<u>28,560,003</u>	<u>28,560,003</u>	<u>2,998,048</u>	<u>25,561,955</u>
Professional Services				
Legal & Legislative Consulting	175,000	175,000	23,197	151,804
Financial Advisor	65,000	65,000	6,450	58,550
Bond Underwriter/Conduit Issuer	15,000	15,000	-	15,000
Total Professional Services	<u>255,000</u>	<u>255,000</u>	<u>29,647</u>	<u>225,354</u>
Refund of Surplus Funds to County FPD Accounts				
Madison County	1,522,569	1,522,569	1,856,148	(333,579)
Monroe County	152,262	152,262	168,335	(16,073)
St. Clair County	1,325,169	1,325,169	1,489,817	(164,648)
Total Refund of Surplus Funds to County	<u>3,000,000</u>	<u>3,000,000</u>	<u>3,514,300</u>	<u>(514,300)</u>
Debt Service				
Principal and Interest	9,623,731	9,623,731	3,723,766	5,899,965
Total Debt Service	<u>9,623,731</u>	<u>9,623,731</u>	<u>3,723,766</u>	<u>5,899,965</u>
Total Operating Expenses	<u>41,438,734</u>	<u>41,438,734</u>	<u>10,265,760</u>	<u>31,172,974</u>
General and Administrative Costs				
Salaries, Benefits	246,000	246,000	87,607	158,393
Bank Service Charges	1,000	1,000	257	743
Equipment and Software	2,000	2,000	255	1,745
Fiscal Agency Services	40,000	40,000	11,844	28,156
Audit Services	21,000	21,000	-	21,000
Meeting Expenses	1,000	1,000	160	840
Postage/Delivery	1,000	1,000	66	934
Printing/Photocopies	2,000	2,000	607	1,393
Professional Services	12,000	12,000	1,770	10,230
Supplies	3,000	3,000	56	2,944
Telecommunications/Internet	3,000	3,000	888	2,112
Travel	5,000	5,000	143	4,857
Insurance	8,000	8,000	6,258	1,742
Business Expenses			280	(280)
Total General & Administrative Costs	<u>345,000</u>	<u>345,000</u>	<u>110,189</u>	<u>235,090</u>
Total Expenditures	<u>41,783,734</u>	<u>41,783,734</u>	<u>10,375,949</u>	<u>31,408,064</u>
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	(24,364,721)	(24,364,721)	(4,420,594)	(19,944,127)
NET CHANGE IN FUND BALANCE	<u>\$ (24,364,721)</u>	<u>\$ (24,364,721)</u>	<u>\$ (4,420,594)</u>	<u>\$ (19,944,127)</u>

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
GENERAL FUND
STATEMENT OF REVENUES AND EXPENDITURES - BUDGET AND ACTUAL
FOUR MONTHS ENDED JANUARY 31, 2022 (ACTUAL)
FISCAL YEAR ENDING SEPTEMBER 30, 2023 (Budget)
DRAFT**

	BUDGET		ACTUAL	VARIANCE WITH
	ORIGINAL	FINAL		FINAL BUDGET
				POSITIVE (NEGATIVE)
REVENUES				
Sales Tax Proceeds From Districts	\$ 17,491,333	\$ 17,491,333	\$ 5,640,592	\$ 11,850,741
Interest Income	100,000	100,000	144,571	(44,571)
Other Contributions	-	-	-	-
Total Revenues	<u>17,591,333</u>	<u>17,591,333</u>	<u>5,785,163</u>	<u>11,806,170</u>
EXPENDITURES				
Current				
Design and Construction				
Engineering Design & Construction	5,223,000	5,223,000	1,555,691	3,667,309
Management				
Construction	23,550,000	23,550,000	37,246	23,512,754
Construction and design by US ACE	500,000	500,000	-	500,000
Total Design and Construction	<u>29,273,000</u>	<u>29,273,000</u>	<u>1,592,937</u>	<u>27,680,063</u>
Professional Services				
Legal & Legislative Consulting	190,000	190,000	5,550	184,450
Financial Advisor	65,000	65,000	3,429	61,571
Bond Underwriter/Conduit Issuer	12,000	12,000	-	12,000
Total Professional Services	<u>267,000</u>	<u>267,000</u>	<u>8,979</u>	<u>258,021</u>
Refund of Surplus Funds to County FPD Accounts				
Madison County	1,848,700	1,848,700	1,464,201	384,499
Monroe County	167,650	167,650	132,789	34,861
St. Clair County	1,483,650	1,483,650	1,175,225	308,425
Total Refund of Surplus Funds to County	<u>3,500,000</u>	<u>3,500,000</u>	<u>2,772,215</u>	<u>727,785</u>
Debt Service				
Principal and Interest	9,549,731	9,549,731	3,690,666	5,859,065
Federal Interest Subsidy	-	-	-	-
Total Debt Service	<u>9,549,731</u>	<u>9,549,731</u>	<u>3,690,666</u>	<u>5,859,065</u>
Total Operating Expenses	<u>42,589,731</u>	<u>42,589,731</u>	<u>8,064,797</u>	<u>34,524,933</u>
General and Administrative Costs				
Salaries, Benefits	251,000	251,000	56,857	194,143
Bank Service Charges	1,000	1,000	183	817
Equipment and Software	2,000	2,000	255	1,745
Fiscal Agency Services	38,500	38,500	14,183	24,317
Audit Services	19,500	19,500	-	19,500
Meeting Expenses	1,000	1,000	98	902
Postage/Delivery	1,000	1,000	138	862
Printing/Photocopies	2,000	2,000	375	1,625
Professional Services	10,000	10,000	350	9,650
Supplies	3,000	3,000	55	2,945
Telecommunications/Internet	3,000	3,000	1,498	1,502
Travel	5,000	5,000	-	5,000
Insurance	8,000	8,000	6,175	1,825
Total General & Administrative Costs	<u>345,000</u>	<u>345,000</u>	<u>80,167</u>	<u>264,833</u>
Total Expenditures	<u>42,934,731</u>	<u>42,934,731</u>	<u>8,144,964</u>	<u>34,789,766</u>
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	<u>(25,343,398)</u>	<u>(25,343,398)</u>	<u>(2,359,801)</u>	<u>(22,983,597)</u>
NET CHANGE IN FUND BALANCE	<u>\$ (25,343,398)</u>	<u>\$ (25,343,398)</u>	<u>\$ (2,359,801)</u>	<u>\$ (22,983,597)</u>

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
GENERAL FUND
HISTORICAL AND BUDGETED FINANCIAL STATEMENTS
SUMMARY OF SIGNIFICANT ASSUMPTIONS
For the Four Months Ended January 31, 2024 and 2023, and the year ending September 30, 2024
DRAFT**

Summary of Significant Assumptions

These financial forecasts present, to the best of management's knowledge and belief, the Council's expected financial position and results of operations for the forecast periods. Accordingly, the forecasts reflect its judgment as of October 1, 2023, the date of these forecasts, of the expected conditions and its expected course of action. The assumptions disclosed hereon are those that management believes are significant to the forecasts. There will be usually be differences between the forecasted and actual results, because events and circumstances frequently do not occur as expected, and those differences may be material.

Statements of Activities Assumptions

- | | |
|--|-----|
| 1. Sales tax proceeds from districts are expected to grow at a rate of based on prior year | 4% |
| 2. Design and Construction based on engineers plans for the year | 57% |
| 3. Professional Services based on expected needs to purchase easements and other costs | 56% |
| 4. Salaries, benefits and taxes based on annual salary increase | 3% |

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION
DISTRICT COUNCIL**

**GENERAL FUND
STATEMENT OF REVENUES AND EXPENDITURES – BUDGET AND ACTUAL**

FIVE MONTHS ENDED FEBRUARY 29, 2024 AND 2023



Board Members
Southwestern Illinois Flood Prevention District Council
Collinsville, Illinois

Management is responsible for the accompanying General Fund Statement of Revenues and Expenditures of Southwestern Illinois Flood Prevention District Council (the "Council") for the five months ended February 29, 2024 and 2023, in accordance with accounting principles generally accepted in the United States of America. Management is also responsible for the accompanying financial forecast of Southwestern Illinois Flood Prevention District Council, which comprises the forecasted statements of revenues and expenditures for the year ending September 30, 2024, and the related summary of significant assumptions in accordance with guidelines for the presentation of financial forecast established by the American Institute of Certified Public Accountants (AICPA). We have performed compilation engagements in accordance with Statements on Standards for Accounting and Review services promulgated by the Accounting and Review Services Committee of the American Institute of certified Public Accountants. We did not audit or review the historical financial statements or the financial forecast nor were we required to perform any procedures to verify the accuracy or completeness of information provided by management. Accordingly, we do not express an opinion a conclusion, nor provide any form of assurances on these historical financial statements and this financial forecast.

The forecasted results may not be achieved as there will usually be differences between the forecasted and actual results, because events and circumstances frequently do not occur as expected, and these differences may be material. We assume no responsibility to update this report for events and circumstances occurring after the date of this report.

Management has omitted the management discussion and analysis. Such missing information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context.

Management has not presented government-wide financial statements to display the financial position and changes in financial position of its governmental activity. Accounting principles generally accepted in the United States of America require the presentation of government-wide financial statements. The change in fund balance for the Council's governmental activity is not reasonably determinable.

Management has not presented a balance sheet for the general fund. Accounting principles generally accepted in the United States of America require the presentation of a balance sheet for each fund contained in the financial statements. The amounts that would be reported in a balance sheet of the general fund for the Council are not reasonably determinable.

Management has not presented a change in fund balance on the Statement of Revenues and Expenditures – Budget and Actual. Accounting principles generally accepted in the United States of America require the Statement of Revenues, Expenditures and Changes in Fund Balance include a presentation of changes in fund balance. The amounts that would be reported in government-wide financial statements for the Council's governmental activity is not reasonably determinable.

Management has also elected to omit substantially all of the disclosures required by generally accepted accounting principles. If the omitted disclosures were included with the financial statements, they might influence the user's conclusions about the Council's results of operations. Accordingly, the historical financial statements and the financial forecast are not designed for those who are not informed about such matters.

The accompanying original and final budget amounts presented on the General Fund Statement of Revenues and Expenditures – Budget and Actual presented for the year ending September 30, 2024 and 2023, have not been compiled or examined by us, and, accordingly, we do not express an opinion or any other form of assurance on them.

We are not independent with respect to Southwestern Illinois Flood Prevention District Council.

Draft

CliftonLarsonAllen LLP

St. Louis, Missouri

March 5, 2024

SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
GENERAL FUND
STATEMENT OF REVENUES AND EXPENDITURES - BUDGET AND ACTUAL
FIVE MONTHS ENDED FEBRUARY 29, 2024 (Actual)
FISCAL YEAR ENDING SEPTEMBER 30, 2024 (Budget)
DRAFT

	BUDGET		ACTUAL	VARIANCE WITH FINAL BUDGET POSITIVE (NEGATIVE)
	ORIGINAL	FINAL		
REVENUES				
Sales Tax Proceeds From Districts	\$ 17,284,013	\$ 17,284,013	\$ 7,193,120	\$ 10,090,893
Interest Income	135,000	135,000	322,851	(187,851)
Other Contributions	-	-	-	-
Total Revenues	<u>17,419,013</u>	<u>17,419,013</u>	<u>7,515,972</u>	<u>9,903,041</u>
EXPENDITURES				
Current				
Design and Construction				
Engineering Design & Construction	5,567,539	5,567,539	1,615,866	3,951,673
Management				
Construction	22,492,464	22,492,464	2,387,431	20,105,033
Construction and design by US ACE	500,000	500,000	334,833	165,167
Total Design and Construction	<u>28,560,003</u>	<u>28,560,003</u>	<u>4,338,130</u>	<u>24,221,873</u>
Professional Services				
Legal & Legislative Consulting	175,000	175,000	31,678	143,322
Financial Advisor	65,000	65,000	7,350	57,650
Bond Underwriter/Conduit Issuer	15,000	15,000	6,413	8,587
Total Professional Services	<u>255,000</u>	<u>255,000</u>	<u>45,441</u>	<u>209,559</u>
Refund of Surplus Funds to County FPD Accounts				
Madison County	1,522,569	1,522,569	1,856,148	(333,579)
Monroe County	152,262	152,262	168,335	(16,073)
St. Clair County	1,325,169	1,325,169	1,489,617	(164,448)
Total Refund of Surplus Funds to County	<u>3,000,000</u>	<u>3,000,000</u>	<u>3,514,100</u>	<u>(514,100)</u>
Debt Service				
Principal and Interest	9,623,731	9,623,731	3,723,766	5,899,965
Total Debt Service	<u>9,623,731</u>	<u>9,623,731</u>	<u>3,723,766</u>	<u>5,899,965</u>
Total Operating Expenses	41,438,734	41,438,734	11,621,437	29,817,297
General and Administrative Costs				
Salaries, Benefits	246,000	246,000	107,863	138,137
Bank Service Charges	1,000	1,000	272	728
Equipment and Software	2,000	2,000	400	1,600
Fiscal Agency Services	40,000	40,000	14,805	25,195
Audit Services	21,000	21,000	-	21,000
Meeting Expenses	1,000	1,000	160	840
Postage/Delivery	1,000	1,000	75	925
Printing/Photocopies	2,000	2,000	607	1,393
Professional Services	12,000	12,000	1,770	10,230
Supplies	3,000	3,000	56	2,944
Telecommunications/Internet	3,000	3,000	1,033	1,967
Travel	5,000	5,000	143	4,857
Insurance	8,000	8,000	6,258	1,742
Business Expenses			280	(280)
Total General & Administrative Costs	<u>345,000</u>	<u>345,000</u>	<u>133,722</u>	<u>211,558</u>
Total Expenditures	<u>41,783,734</u>	<u>41,783,734</u>	<u>11,755,158</u>	<u>30,028,856</u>
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	(24,364,721)	(24,364,721)	(4,239,187)	(20,125,534)
NET CHANGE IN FUND BALANCE	<u>\$ (24,364,721)</u>	<u>\$ (24,364,721)</u>	<u>\$ (4,239,187)</u>	<u>\$ (20,125,534)</u>

SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
GENERAL FUND
STATEMENT OF REVENUES AND EXPENDITURES - BUDGET AND ACTUAL
FIVE MONTHS ENDED FEBRUARY 28, 2023 (ACTUAL)
FISCAL YEAR ENDING SEPTEMBER 30, 2023 (Budget)
DRAFT

	BUDGET		ACTUAL	VARIANCE WITH
	ORIGINAL	FINAL		FINAL BUDGET
				POSITIVE (NEGATIVE)
REVENUES				
Sales Tax Proceeds From Districts	\$ 17,491,333	\$ 17,491,333	\$ 7,129,533	\$ 10,361,800
Interest Income	100,000	100,000	222,636	(122,636)
Other Contributions	-	-	-	-
Total Revenues	<u>17,591,333</u>	<u>17,591,333</u>	<u>7,352,169</u>	<u>10,239,164</u>
EXPENDITURES				
Current				
Design and Construction				
Engineering Design & Construction Management	5,223,000	5,223,000	1,849,229	3,373,771
Construction	23,550,000	23,550,000	378,866	23,171,134
Construction and design by US ACE	500,000	500,000	-	500,000
Total Design and Construction	<u>29,273,000</u>	<u>29,273,000</u>	<u>2,228,095</u>	<u>27,044,905</u>
Professional Services				
Legal & Legislative Consulting	190,000	190,000	6,450	183,550
Financial Advisor	65,000	65,000	6,890	58,110
Bond Underwriter/Conduit Issuer	12,000	12,000	-	12,000
Total Professional Services	<u>267,000</u>	<u>267,000</u>	<u>13,340</u>	<u>253,660</u>
Refund of Surplus Funds to County FPD Accounts				
Madison County	1,848,700	1,848,700	1,464,201	384,499
Monroe County	167,650	167,650	132,789	34,861
St. Clair County	1,483,650	1,483,650	1,175,225	308,425
Total Refund of Surplus Funds to County	<u>3,500,000</u>	<u>3,500,000</u>	<u>2,772,215</u>	<u>727,785</u>
Debt Service				
Principal and Interest	9,549,731	9,549,731	3,690,666	5,859,065
Federal Interest Subsidy	-	-	-	-
Total Debt Service	<u>9,549,731</u>	<u>9,549,731</u>	<u>3,690,666</u>	<u>5,859,065</u>
Total Operating Expenses	<u>42,589,731</u>	<u>42,589,731</u>	<u>8,704,316</u>	<u>33,885,414</u>
General and Administrative Costs				
Salaries, Benefits	251,000	251,000	75,317	175,683
Bank Service Charges	1,000	1,000	228	772
Equipment and Software	2,000	2,000	397	1,603
Fiscal Agency Services	38,500	38,500	16,985	21,515
Audit Services	19,500	19,500	-	19,500
Meeting Expenses	1,000	1,000	98	902
Postage/Delivery	1,000	1,000	147	853
Printing/Photocopies	2,000	2,000	375	1,625
Professional Services	10,000	10,000	350	9,650
Memberships and Dues	-	-	43	(43)
Supplies	3,000	3,000	278	2,722
Telecommunications/Internet	3,000	3,000	1,689	1,311
Travel	5,000	5,000	-	5,000
Insurance	8,000	8,000	6,175	1,825
Total General & Administrative Costs	<u>345,000</u>	<u>345,000</u>	<u>102,082</u>	<u>242,918</u>
Total Expenditures	<u>42,934,731</u>	<u>42,934,731</u>	<u>8,806,398</u>	<u>34,128,332</u>
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	(25,343,398)	(25,343,398)	(1,454,229)	(23,889,169)
NET CHANGE IN FUND BALANCE	<u>\$ (25,343,398)</u>	<u>\$ (25,343,398)</u>	<u>\$ (1,454,229)</u>	<u>\$ (23,889,169)</u>

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
GENERAL FUND
HISTORICAL AND BUDGETED FINANCIAL STATEMENTS
SUMMARY OF SIGNIFICANT ASSUMPTIONS
For the Five Months Ended February 29, 2024 and 2023, and the year ending September 30, 2024
DRAFT**

Summary of Significant Assumptions

These financial forecasts present, to the best of management's knowledge and belief, the Council's expected financial position and results of operations for the forecast periods. Accordingly, the forecasts reflect its judgment as of October 1, 2023, the date of these forecasts, of the expected conditions and its expected course of action. The assumptions disclosed hereon are those that management believes are significant to the forecasts. There will be usually be differences between the forecasted and actual results, because events and circumstances frequently do not occur as expected, and those differences may be material.

Statements of Activities Assumptions

- | | |
|--|-----|
| 1. Sales tax proceeds from districts are expected to grow at a rate of based on prior year | 4% |
| 2. Design and Construction based on engineers plans for the year | 57% |
| 3. Professional Services based on expected needs to purchase easements and other costs | 56% |
| 4. Salaries, benefits and taxes based on annual salary increase | 3% |

Flood Prevention District Sales Tax Trends 2009-2023

	Jan	Feb	March	April	May	June	July	August	Sept	October	November	December	Total	Share
2009	\$691,588	\$732,364	\$859,811	\$824,537	\$874,802	\$900,479	\$849,401	\$849,169	\$868,594	\$859,754	\$893,068	\$1,124,290	\$10,327,857	
2010	\$757,374	\$808,220	\$960,768	\$946,214	\$924,312	\$953,709	\$895,275	\$898,581	\$886,633	\$902,537	\$946,242	\$1,167,140	\$11,047,005	
2011	\$782,320	\$813,966	\$956,883	\$937,357	\$945,180	\$999,204	\$914,984	\$950,403	\$931,850	\$899,687	\$949,484	\$1,183,395	\$11,264,713	
2012	\$780,668	\$860,871	\$987,625	\$949,415	\$997,002	\$996,492	\$896,548	\$921,748	\$912,018	\$899,040	\$929,472	\$1,163,485	\$11,294,384	
2013	\$794,931	\$818,376	\$919,593	\$905,383	\$963,366	\$961,791	\$902,250	\$919,787	\$905,288	\$893,572	\$927,728	\$1,114,251	\$11,026,316	
2014	\$770,978	\$819,459	\$964,694	\$941,905	\$995,682	\$1,011,479	\$929,249	\$935,226	\$938,283	\$929,126	\$947,722	\$1,165,623	\$11,349,426	
2015	\$822,161	\$813,702	\$954,534	\$937,146	\$987,590	\$1,018,166	\$933,276	\$955,803	\$955,617	\$952,766	\$948,234	\$1,199,694	\$11,478,688	
2016	\$808,455	\$856,751	\$995,459	\$928,154	\$974,167	\$1,021,380	\$933,254	\$936,644	\$960,144	\$949,471	\$981,877	\$1,205,068	\$11,550,824	
2017	\$829,224	\$872,167	\$1,029,226	\$985,112	\$1,045,182	\$1,044,517	\$973,275	\$1,004,076	\$1,000,900	\$995,901	\$1,032,735	\$1,218,755	\$12,031,070	
2018	\$884,025	\$885,009	\$1,067,122	\$993,560	\$1,102,138	\$1,087,259	\$1,010,353	\$1,036,244	\$1,008,420	\$1,027,289	\$1,056,091	\$1,191,097	\$12,348,606	
2019	\$856,912	\$716,345	\$1,073,214	\$1,069,141	\$1,104,088	\$1,070,741	\$1,026,862	\$1,038,732	\$1,018,760	\$1,042,225	\$1,040,888	\$1,208,970	\$12,266,878	
2020	\$901,535	\$883,512	\$936,044	\$853,705	\$965,224	\$1,096,611	\$1,069,143	\$1,051,633	\$1,104,459	\$1,052,506	\$1,016,784	\$1,207,643	\$12,138,797	
2021	\$1,054,979	\$949,654	\$1,477,433	\$1,336,095	\$1,346,344	\$1,415,874	\$1,307,969	\$1,324,151	\$1,350,056	\$1,346,783	\$1,393,672	\$1,608,126	\$15,911,137	

2022

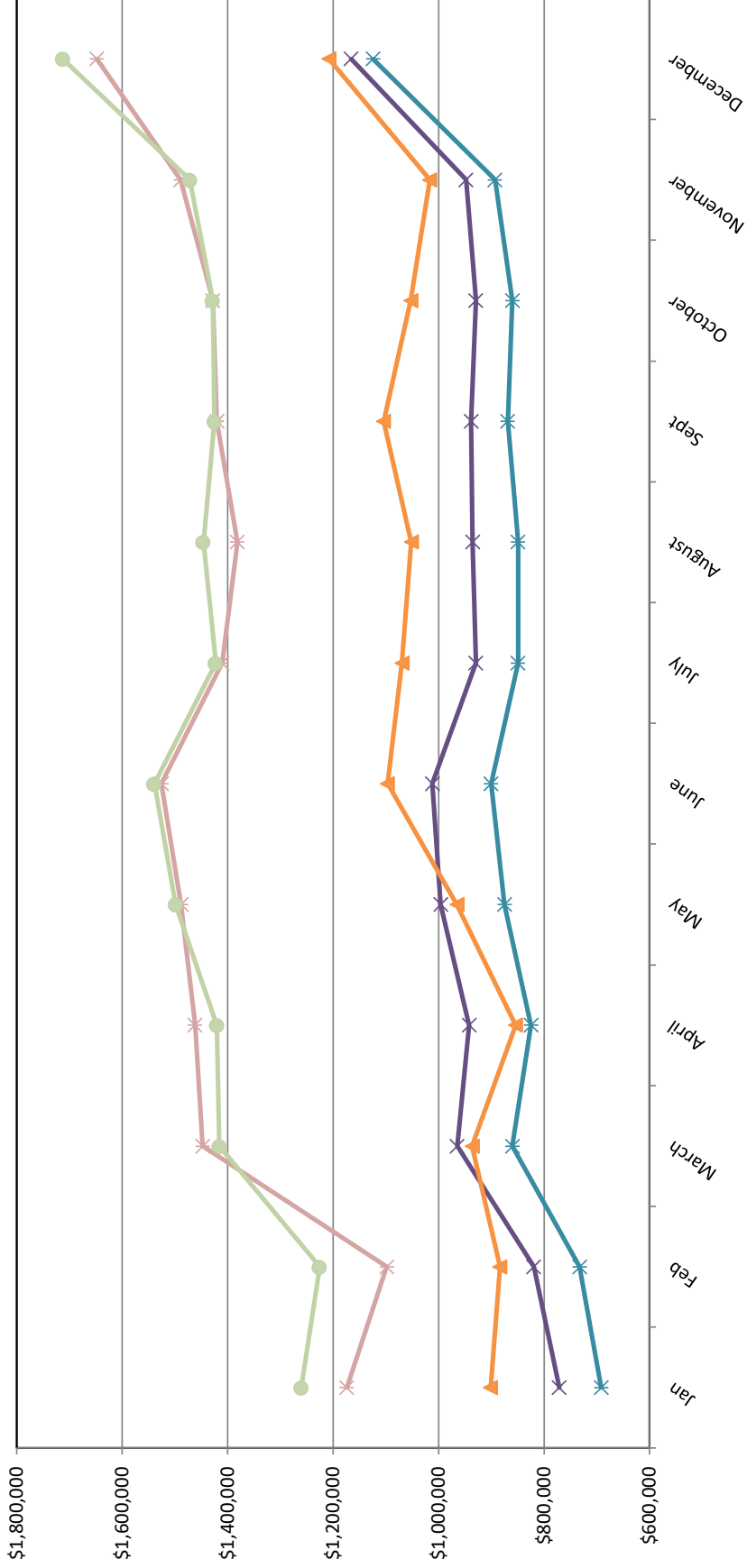
	Jan	Feb	March	April	May	June	July	August	Sept	October	November	December	Total	Share
Madison	\$591,701	549,944	722,877	746,182	760,806	776,116	726,989	\$710,926	\$714,836	\$734,672	774,797.34	803,762.97	\$8,613,609	50.750%
St. Clair	\$520,930	491,970	652,499	644,157	651,404	675,466	611,281	\$602,062	\$633,377	\$618,991	639,253.50	756,355.07	\$7,497,746	44.175%
Monroe	\$61,275	56,457	71,820	71,442	76,217	73,977	72,314	\$68,546	\$72,054	\$74,543	74,890.38	87,855.22	\$861,390	5.075%
Total Month	\$1,173,907	\$1,098,371	\$1,447,196	\$1,461,780	\$1,488,426	\$1,525,559	\$1,410,583	\$1,381,535	\$1,420,268	\$1,428,206	\$1,488,941	\$1,647,973	\$16,972,745	
Cumulative Total	\$1,173,907	\$2,272,277	\$3,719,474	\$5,181,254	\$6,669,680	\$8,195,239	\$9,605,822	\$10,987,357	\$12,407,624	\$13,835,831	\$15,324,772	\$16,972,745		
% change/month	11.27%	15.66%	-2.05%	9.41%	10.55%	7.75%	7.85%	4.33%	5.20%	6.05%	6.84%	2.48%		
% change/total	11.27%	13.35%	6.82%	7.54%	8.19%	8.11%	8.07%	7.59%	7.31%	7.18%	7.14%	6.67%		

2023

	Jan	Feb	March	April	May	June	July	August	Sept	October	November	December	Total	Share
Madison	\$649,982	\$621,629	\$719,390	\$730,157	\$776,488	\$811,381	\$735,008	\$748,144	\$721,493	\$735,621	\$754,309	\$847,871	\$8,851,472	51.270%
St. Clair	\$545,768	\$538,170	\$624,790	\$616,469	\$644,210	\$650,557	\$613,115	\$623,423	\$626,110	\$616,420	\$639,334	\$770,653	\$7,509,017	43.494%
Monroe	\$64,447	\$65,529	\$71,517	\$73,544	\$77,644	\$77,015	\$74,620	\$74,346	\$77,261	\$76,241	\$77,675	\$94,069	\$903,909	5.236%
Total Month	\$1,260,197	\$1,225,328	\$1,415,697	\$1,420,170	\$1,498,341	\$1,538,953	\$1,422,743	\$1,445,913	\$1,424,864	\$1,428,282	\$1,471,318	\$1,712,593	\$17,264,399	
Cumulative Total	\$1,260,197	\$2,485,524	\$3,901,221	\$5,321,391	\$6,819,733	\$8,358,686	\$9,781,429	\$11,227,342	\$12,652,206	\$14,080,488	\$15,551,806	\$17,264,399		
% change/month	7.35%	11.56%	-2.18%	-2.85%	0.67%	0.88%	0.86%	4.66%	0.32%	0.01%	-1.18%	3.92%		
% change/total	7.35%	9.38%	4.89%	2.70%	2.25%	1.99%	1.83%	2.18%	1.97%	1.77%	1.48%	1.72%		

Flood Prevention District Sales Tax Trends 2009-2023

Monthly Receipts 2009-2014-2020-2022-2023



**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
SUPPLEMENTARY SUPPORTING SCHEDULE
BANK TRANSACTIONS
January 31, 2024**

Beginning Bank Balance as of January 1, 2024			\$ 1,293,199.53
Receipts			
Busey Bank	01/31/2024	Construction Transfer	54,102.36
Busey Bank	01/31/2024	Construction Transfer	686,732.59
Busey Bank	01/31/2024	Admin Admin	26,865.84
Busey Bank	01/31/2024	Admin Admin	683.26
Busey Bank	01/31/2024	Interest	61.04
			\$ 768,445.09
Disbursements			
Transload Realty, LLC	01/05/2024	Construction	1,100.00
Zoom Video Communications, Inc.	01/09/2024	Meeting, Conference, Convention	159.90
Husch Blackwell	01/11/2024	Legal	9,916.70
AT&T	01/12/2024	Office Phone	145.13
WSP Global, Inc.	01/12/2024	Construction	215,115.89
USPS	01/12/2024	Postage	19.30
USPS	01/15/2024	Postage	9.35
Hostgator.com	01/15/2024	Domain	19.99
Hostgator.com	01/15/2024	Domain	19.99
Cost Less Copy Center	01/18/2024	Printing & copying	309.60
Columbia Capital	01/25/2024	Financial Advisor	900.00
East West Gateway	01/25/2024	Supervisor Management Services	28,949.37
Adobe	01/25/2024	Equipment & Software	254.87
Walmart	01/26/2024	Supplies	27.79
Logmein, Inc.	01/29/2024	Computer Service	349.99
Busey Bank	01/31/2024	Wire Fee	15.00
Busey Bank	01/31/2024	Wire Fee	15.00
Busey Bank	01/31/2024	Wire Fee	15.00
Busey Bank	01/31/2024	Wire Fee	15.00
Busey Bank	01/31/2024	Bank Fee	15.30
			\$ 257,373.17
			\$ 1,804,271.45

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
SUPPLEMENTARY SUPPORTING SCHEDULE
BANK TRANSACTIONS
February 29, 2024**

Beginning Bank Balance as of February 1, 2024			\$ 1,804,271.45
Receipts			
Busey Bank	02/29/2024	City of East St. Louis	76,890.00
Busey Bank	02/29/2024	Interest	41.44
			\$ 76,931.44
Disbursements			
UMB Bank, NA	02/29/2024	Bond Trustee Fee	3,460.90
UMB Bank, NA	02/12/2024	Bond Trustee Fee	2,952.10
Husch Blackwell	02/20/2024	Legal	21,737.60
AT&T	02/12/2024	Office Phone	145.13
WSP Global, Inc.	02/13/2024	Construction	285,115.96
USPS	02/21/2024	Postage	9.25
Copernic.com	02/06/2024	Equipment & Software	37.18
Microsoft Office	02/01/2024	Equipment & Software	108.09
Terminal Railroad Association of St. Louis	02/22/2024	Construction	460,000.00
Village of Roxana	02/13/2024	Construction	448,600.00
Columbia Capital	02/12/2024	Financial Advisor	900.00
East West Gateway	02/29/2024	Supervisor Management Services	20,255.95
US Army Corps of Engineers STL District	02/22/2024	Construction	110,000.00
US Army Corps of Engineers STL District	02/22/2024	Construction	100,000.00
Busey Bank	02/29/2024	Bank Fee	15.42
			\$ 1,453,337.58
			\$ 427,865.31



Memo to: Board of Directors
From: Chuck Ewert
Subject: Design and Construction Update
Date: March 18, 2024

Attached is WSP's Design and Construction Update, which Randy Cook will present at the meeting.

Recommendation: Accept the March Design and Construction Update by WSP USA Environment & Infrastructure Inc.



Southwestern Illinois Levee Systems

Progress Report
March 20, 2024

Randy Cook

wsp

Wood River

Bid Package 8

South Roxanna

Relief wells & pump station

FPD/WSP designed & USACE constructed

Construction completion early 2024

WSP continues to respond to RFIs as needed

Wood River

Bid Package 9

Roxanna

Seepage berm & detention pond

Date	Milestone
Spring 2020	FPD Council approaches Roxanna about obtaining easement for relief well & pump station project. Meetings for next 18 months...
Sep. 17, 2021	Wood River Drainage & Levee District and Village of Roxanna sign intergovernmental agreement for granting easement, provided seepage berm and detention pond is built.
Nov. 22, 2021	FPD Council sends letter requesting authorization to change federal solution from relief wells & pump station to berm & detention.
Feb. 13, 2023	USACE issues Engineering Determination Report (EDR) concurring that berm & detention is "most economical means" of flood control at site.
April 19, 2023	Reported to FPD Board: USACE approval of Integral Determination Report (IDR) anticipated Sep. 2023; Project Partnership Agreement (PPA) amendment anticipated Nov. 2023; Design start Dec. 2023.
Dec. 11, 2023	USACE reports IDR is still pending approval by Division and that USACE processes now require the PPA amendment to be approved by USACE HQ, requiring more time.

Wood River

Bid Package 9

Roxanna

Seepage berm & detention pond

Date	Milestone
Feb. 13, 2024	USACE Approves Integral Determination Report (IDR).
Summer 2024	Current USACE expected PPA Amendment approval.
Summer 2024	Anticipated start of design (immediately following PPA Amendment approval),

Wood River

Old Channel Wood River
NE Corner of IL-3 and IL-143

- Multiple meetings have been held among levee district, City, FPD Council, WSP, and the City of Wood River.
- **USACE is preparing an updated Notice-to-Proceed (NTP) letter for real estate acquisition**
- **After NTP is received, an appraisal will be prepared to evaluate cost.**

East St. Louis (MESD)

Bid Package 11
Venice
Relief wells, pipes, & pump station modifications

- Project is approximately **54%** complete
- Unusually low river levels mean that relief well testing cannot be completed.
- G.C.E.D. #1X Pump Station outfall structure work is underway.

East St. Louis (MESD)

Bid Package 14B
Brooklyn (under I-70 Bridge)
Filter Blanket

- TRRA easement has been obtained
- USACE "*Biddability, Constructability, Operability, Environmental and Sustainability*" (BCOES) review is complete
- WSP is preparing bid documents
- USACE will bid and construct the project

East St. Louis (MESD)

Bid Package 18A
Cahokia Heights
Relief well piping and pump station mods

- 35% "soft" submittal to USACE on November 29, 2023
- Call with USACE on December 12 to discuss relief well plan
- USACE final relief well plan is needed before work can continue.

Prairie du Pont

Bid Package 15

East Carondelet

Large seepage berms

- 65% complete design submitted January 29.
- USACE is reviewing 65% design package. All departments except geotechnical have submitted comments. Geotechnical review started 3/11.
- Construction scheduled to start Q4 2024

Prairie du Pont

Bid Package 16

East Carondelet

Relief wells, berms, and pump stations

- 35% complete design is underway.
- 35% complete design package to be submitted in summer 2024.
- Contributed funds agreement with USACE is in place and FPD Council has submitted first payment.

Fish Lake

Bid Package 17

Columbia

Relief wells, berms, and pump stations

- 35% design scheduled to start in Spring 2024

Thank you



Memo to: Board of Directors
From: Chuck Etwert
Subject: BP #11 Change Orders No. 9 & No. 10
Date: January 15, 2024

Per the Board's Construction Change Order Policy, any change order which causes a line item to increase by more than ten percent must be approved by the Board.

Change Order No. 9 – Additional Pipe Backfill Density Testing

While backfilling the collector system at Madison Pump Station, it was determined, that the general contractor interpreted the contract specifications for pipe backfill density testing differently than the design intent. The contractor interpreted the specifications so that density tests occurred approximately every three days. For levee construction proper compaction of the soil (and verification thereof) is important to protect against seepage. To ensure adequate compaction reports, WSP clarified the specifications ensuring at least one density test for every day of backfill activities.

The cost to add the additional pipe backfill density testing is \$82,588.86. Since there is no bid line-item for density testing, this change order requires approval from the Board. Additionally, the contractor has requested 10 additional days to complete the work.

WSP recommends the FPPD Council approve Change Order Request No. 9 in the amount of \$82,588.86 with an additional 10 days added to the final completion date.

Change Order No. 10 – Modifying Relief Well 36X and Relief Well 36XB to Include Dip and Flap Gates

Change Order No. 5 added a new relief well along with the adjacent reinforced concrete pipe and a rubber check valve at the pipe outlet to prevent sediment from floating up the pipeline and clogging the relief well. Since approval of Change Order No. 5, Corps of Engineers St. Louis

District has decided it will no longer allow rubber check valves at relief well outlets; therefore, a cast iron flap gate will be required to control backflow into the relief well.

The cast iron flap gate weighs substantially more than the rubber check valve; therefore, WSP changed the pipe material from RCP to ductile-iron pipe (DIP) for two reasons. First, the flap gate could not be reliably mounted onto the concrete pipe without the addition of a costly headwall structure. Second, concrete pipe has much shorter pipe lengths between joints, resulting in many more pipe joints. Given the weight of the flap gate, it is desirable to have a long span of continuous pipe upstream of the flap gate so that the weight of the soil can counteract the tendency for the flap gate to rotate the pipe at the first upstream joint.

The net cost to de-scope the additional RCP and rubber check valve that was added in Change Order No. 5 and add the ductile iron pipe and flap gate is \$14,334.61. This amount also includes slight increases to mobilization, and the bond. If approved, the additional cost will be billed against Item No. 1: Mobilization, Item No. 2: Bonds and Insurance in the Schedule of Values; however, there is no line item for DIP or flap gates. Since there are no bid line items for DIP and flap gates, this change order requires approval from the Board.

WSP recommends approval of Change Order Request No.10 in the amount of \$14,334.61.

Both Change Order No. 9 and Change Order No. 10 will be eligible for Work In-Kind credit.

WSP will discuss and answer any questions regarding the change orders at the meeting. I have reviewed the change orders and recommend approval.

Recommendation: Authorize the Chief Supervisor to approve the Change Order No. 9 – Additional Pipe Backfill Density Testing for a cost not to exceed \$82,588.86 with 10 additional days added to the completion time, and Change Order No. 10 – Modifying Relief Well 36X and Relief Well 36XB to Include Dip and Flap Gates for a cost not to exceed \$14,334.61.



Memo to: Board of Directors
From: Chuck Ewert
Subject: Corps of Engineers Update
Date: March 18, 2024

Attached is Hal Graef's Corps of Engineers Update, which Hal will present at the meeting.

Recommendation: Accept the March Corps of Engineers Update by Hal Graef.

METRO EAST LEVEE SYSTEM PROGRAM UPDATE

Hal Graef
March 20, 2024



US Army Corps of Engineers



MEL PRICE SEGMENT OF UPPER WOOD RIVER



2

Feature/Task	Description	Estimated Date	Actual Date	Notes
Reach 2 Relief Well contract	16 existing Relief Wells; 25 new Relief Wells		Awarded 8Aug22	<ul style="list-style-type: none"> • Preparing for final inspection of base contract work • Contract modified: <ul style="list-style-type: none"> ▪ Abandon unneeded piezometers (late March) ▪ Hydroseed
Complete Mitigation				<ul style="list-style-type: none"> • Mitigation credit purchase is complete. • USACE coordinating with USFWS and IDNR to review/document the mitigation requirements. <ul style="list-style-type: none"> ▪ Meeting scheduled for March 13, 2024
OMRR&R Payment to WRDLD	Compensation to LD to offset additional O&M expenses	FY24		<ul style="list-style-type: none"> • Payment pending sufficient funds following completion of all construction and mitigation work. <ul style="list-style-type: none"> ▪ Draft Facilities Alteration Agreement and Deed of Subordination and Release being reviewed within Mississippi Valley Division
Ribbon Cutting		Late Summer		<ul style="list-style-type: none"> • Venue not yet determined
Project Close Out	All documents archived; financial close out	FY25		

Items in **bold** indicate updates from last meeting



WOOD RIVER



3

Feature/Task	Description	Estimated Date	Actual Date	Notes
Bid Package 8 contract	1 Pump Station/22 Relief Wells		Awarded 4Nov21	<ul style="list-style-type: none"> Pump Station Control System <ul style="list-style-type: none"> Pump Control Cabinet received late Jan (after lengthy backorder)
Pump Stations contract	PS #2 and #3 along Canal Rd		Awarded 28Sep22	<ul style="list-style-type: none"> Pump Station No. 2 – installed the sluice gate Pump Station No. 3 – started backfilling around the structure <ul style="list-style-type: none"> 12" waterline needs to be relocated Contractor using directional bore method
Relief Well #2/Ditch Work contract	55 Relief Wells plus ditch work to convey the water to the WR PS	ROW Cert Nov24; Award Mar25		<ul style="list-style-type: none"> Technical USACE work is paused pending resolution <ul style="list-style-type: none"> Options are to reconnect creek or Alternative Ditch (betterment) USACE evaluating LD's request for additional RE easements
Relief Well #3 contract	30 Relief Wells	Aug24		<ul style="list-style-type: none"> USACE received ROW Certification
Pump Station Modification contract	Mods to WR and Hawthorne PSs	Jul24		<ul style="list-style-type: none"> Completing BCOES Review in mid-March <ul style="list-style-type: none"> Biddability, Constructability, Operability, Environmental and Sustainability (BCOES)
Berm	Vice PS/RW at Roxana	PPA Jul24		<ul style="list-style-type: none"> Integral Determination Report (IDR) approved 13Feb24 Project Partnership Agreement Amendment No. 2 drafted <ul style="list-style-type: none"> Awaiting WRDL D concurrence of draft Amend
Mitigation	For BP-8 (maybe berm)			<ul style="list-style-type: none"> Plan is to purchase credits when berm is at 65% level of design
WIK				<ul style="list-style-type: none"> \$17,739,418.51 has been credited for both WIK No. 1&2 Next WIK request expected to be for BP-8 EDC
Total Project Cost	Update to TPC		9Jan24	<ul style="list-style-type: none"> Updated TPC for current FY. \$108,078,000 Federal funding identified via Bipartisan Infrastructure Law



WOOD RIVER – RW#2/DITCH WORK



4

Option 1
Reconnect Old Wood River Creek



Original plan via Risk Assessment
Least costly

Option 2
Alternative Ditch



Jack-and-bore 72" RCP under IL-3
Utilities not fully known
Considered a betterment (not cost-shared)

Option	Estimate of Cost
1 (reconnect Old WR Creek)	\$1,850,000
2 (Alt Ditch Betterment)	\$3,441,000



EAST ST. LOUIS



5

Feature/Task	Description	Est. Date	Actual Date	Notes
BP-12 Ph1	106 D-Type Relief Wells		Awarded 26Aug21	• Construction substantially complete; pump testing of 36 RWs continues to be delayed due to low river levels
BP-12 Ph2	43 T-Type Relief Wells (Ph2 and Ph3)	Award: 4 th Qtr FY25		• Approx. 95% design , with A/E design firm HDR continuing progress on railway shoring design for collector system • In coordination with IDOT, TRRA, Veolia, Alton-Southern • ROW NTP sent to MESD in November 2023
BP14B	Filter Blanket	Award: 4 th Qtr FY24		• USACE will administer construction contract • BCOES review complete, still awaiting real estate certification after agreement with TRRA • WSP may be needed to address mods during construction
WIK BP-11*	Relief Wells			• USACE coordination with WSP/Keller during construction
WIK BP 18A*	Phillips Reach PS Modifications			• USACE to review 35% design
WIK Credit Requests*	BP-14A and 18		8Aug23	• \$12,183,767.91 has been credited for WIK No. 3-6 • \$24,599,173.61 has been credited for all WIK to date
LERRDs*	Land, Easements, ROW, Relocations and Disposal			• \$1,607,516.56 has been credited for LERRDs to date
Total Project Cost	Update to TPC		9Aug23	• \$151,065,000 is current estimate • FPD estimates with construction of BP18A, BP11, and Remaining LERRDs, 35% cost share will be satisfied

*Recommend WIK/LERRDs credit requests be submitted at regular intervals, vice waiting to the end of the project.



PRAIRIE du PONT AND FISH LAKE



6

Feature/Task	Description	Estimated Date	Actual Date	Notes
Bid Package15 coordination	Pump Station and underseepage controls	TBD		• USACE recently reviewed 65% submittal
Bid Package16 coordination	58 RWs, 11 berms, 2 PSs, conveyance, 52 RW abandonments	TBD		• Agreement executed 18 January 2024 • FY24 funds available
Bid Package17 coordination	74 RWs, 6 berms, 2 PSs, conveyance, 47 RW abandonments	TBD		• Agreement executed 18 January 2024 • FY24 funds available
Environmental Assessment	Supplemental EA	TBD		• USACE is reviewing Draft EA