



## SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL BOARD OF DIRECTORS MEETING

**August 21, 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 July 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  
*Jon Omvig, WSP USA Environment & Infrastructure Inc.*
8. FY 2025 Flood Prevention District Council Budget  
*Chuck Etwert, Chief Supervisor*
9. Flood Prevention District Council Annual Report 2023-2024  
*Chuck Etwert, Chief Supervisor*

AGENDA

10. Update from Corps of Engineers  
*Hal Graef, U.S. Army Corps of Engineers*

11. Election of Officers for 2024-2025  
*Chuck Etwert, Chief Supervisor*

12. Public Comment

Executive Session – Purchase or Lease of Real Property

13. Real Estate Transactions  
*Chuck Etwert, Chief Supervisor*

14. Other Business

15. Adjournment

**Next Meeting: November 20, 2024**

## MINUTES

### SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL BOARD OF DIRECTORS MEETING July 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 July 17, 2024.

#### Members in Attendance

John Conrad, President (Chair, Monroe Flood Prevention District)  
Debra Moore, Secretary/Treasurer (Chair, St. Clair County Flood Prevention District)  
Bruce Brinkman, Monroe County Flood Prevention District  
Alvin Parks, Jr., St. Clair County Flood Prevention District  
David Schwind, Madison County Flood Prevention District

#### Members Absent

Michael Andreas, Madison County Flood Prevention District  
Isabelle Crockett, St. Clair County Flood Prevention District  
Max Merz III, Vice-President (Madison County Flood Prevention District)  
Aaron Metzger, Monroe County Flood Prevention District

#### Others in Attendance

Chuck Etwert, SW Illinois FPD Council  
Michael Brokering, Scheffel Boyle  
Randy Cook, WSP USA Environment & Infrastructure Inc.  
Jeremy Dressel, Juneau Associates Inc.  
Marc Hohlt, Madison County  
David Human Jr, Husch Blackwell LLP  
Charles Juneau, Juneau Associates Inc.  
Jennifer Kengovskiy, U.S. Army Corps of Engineers  
Jon Omvig, WSP USA Environment & Infrastructure Inc.

#### **Call to order**

President John Conrad noted the presence of a quorum and called the meeting to order at 7:30 a.m.

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

Mr. Brinkman – Present

Mr. Conrad – Present  
Dr. Moore – Present  
Mr. Parks - Present  
Mr. Schwind - Present

A quorum was present.

### **Approval of Minutes of May 15, 2024**

Mr. Conrad asked for a motion to approve the minutes of the Board meeting held on May 15, 2024. A motion was made by Mr. Parks seconded by Mr. Schwind to approve the minutes of the Board meeting held on May 15, 2024. Dr. Moore called the roll, and the following votes were made on the motion:

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

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, indicating there were only a few changes since the June Update.

### **500-Year Authorized Level Status**

#### Wood River Levee System

On Bid Package #9, we continue to wait for the Project Partnership Agreement (PPA) approval from the Corps before design can begin. The PPA amendment is expected to be completed this summer.



On Relief Well Package 2, (RWP2) we also continue to wait for the Corps to prepare a revised Notice-to-Proceed (NTP) letter for land acquisition. 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.

### MESD Levee System

On Bid Package #11, all the new relief wells have now been developed. 59 of 76 relief wells have been pump tested, with tests occurring daily now. Presently the Mississippi River is in flood stage, so excavation work is on hold until the river drops below 18.5 feet (per project specifications/USACE).

On Bid Package #14B, WSP and the Corps have been addressing contractor questions as this project, as USACE has issued this project to bid. Presently, additional access easements are being sought from Terminal Railroad Association (TRRA), Kansas City Southern Railroad, and Ameren. The access easement in question were used for the Corps' cutoff wall project in East St. Louis and the Corps has asked to renew the easements for the Bid Package 14B project.

On Bid Package #18A, WSP submitted a revised 35% design report to USACE on July 9 and is working towards the 65% design submittal

### Prairie Du Pont/Fish Lake Levee Systems

On Bid Package #15, WSP is currently working on 95% complete plans, specifications, and calculations, with a planned submittal to USACE for Section 408 permission in the next few weeks. The current estimate is to have the project bid late in 2024 and bring to the Board for approval at the November 2024 meeting.

The 35% design of Bid Package #16 was submitted to USACE on July 8 and is under review.

The 35% design has begun on Bid Package #17 and is scheduled to be submitted to USACE in the fall.

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

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

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

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 May and June prepared by fiscal agent, CliftonLarsonAllen. The reports include an accounting of revenues and expenditures for the months ending May 31, 2024 and June 30, 2024 as compared to the according fiscal year budget.

He indicated he would not read all the financial numbers provided in the agenda package.

Accrued expenditures for the fiscal year beginning on October 1, 2023 thru May 31, 2024 were \$18,651,528 while revenues amounted to \$12,010,619 resulting in a deficit of \$6,640,909.

Accrued expenditures for the fiscal year beginning on October 1, 2023 thru June 30, 2024 were \$18,924,933 while revenues amounted to \$13,034,663 resulting in a deficit of \$5,354,355.

A total of \$29,468,840 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. These funds will be requested from the Counties in early 2026.

He highlighted the monthly sales tax receipts for the last two months. Monthly sales tax receipts of \$1,518,515 for March 2024 were up 7.26% from last year, and receipts of \$1,463,959 for April 2024 were up 3.08% from last year. Receipts for the year are up 5.10% from last year.

Bank transactions for May & June 2024 were also provided. Total disbursements for May were \$354,017.73 and for June \$270,444.84 with the largest payments being to WSP, there were no payments to Keller Construction in either month.

Mr. Conrad asked for a motion to accept Mr. Etwert's budget reports and disbursements for May and June 2024. A motion was made by Mr. Schwind and seconded by Mr. Parks accept the budget reports and approve the disbursements for May 2024 and June 2024.

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

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

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

The motion was approved unanimously.

### **2023 Audit and Financial Report**

Mr. Conrad recognized Mr. Michael Brokering, representing Scheffel & Boyle, who prepared the 2023 Audit Report, to review the audited financial statements that were distributed to the Board with the agenda package. He explained the statements, tables, and notes in detail.

He pointed out that the financial statements are the Board's responsibility as management, and that Scheffel & Boyle's responsibility is to issue an opinion on the statements. He stated that the Council financial statements for the year ended September 30, 2023 had been audited and were found to represent fairly in all material respects, the respective financial position of the governmental activities and major fund of the Southwestern Illinois Flood Prevention District Council and therefore, the Council received another clean opinion.

He provided an overview of the Independent Auditor's Report, Management's Discussion and Analysis, the Statement of Net Position, the Statement of Activities, the Governmental Fund Statements, the Notes to Financial Statements, and the Budgetary Comparison Schedule.

Two required communication letters from Scheffel to the Board accompanied the audit and were also discussed.

The first letter pointed out that there were no difficulties in performing the audit, but that several adjustments were made to the financial statements, more than normal, this year. These were mainly reclassification of journal entries.

The second letter discussed weaknesses in internal controls. This comment, which is not new, is that due to the small size of the Council's staff, there is some limitation in financial controls. There were no material weaknesses in the Council's internal controls. Mr. Brokering noted that this is pretty common in very small organizations and noted that it was important for the Board to continue to review disbursements and financial statements monthly. He noted that CliftonLarsonAllen does provide a level of oversight.

He noted the audit did find one reportable finding, a minor misallocation of surplus funds between the Counties. This discrepancy has been communicated to management and UMB Bank and an allocation adjustment will be made to the October 2024 surplus payments.

He indicated Mr. Etwert will be scheduling a meeting between CliftonLarsonAllen and Scheffel Boyle in August to discuss the transfer of information in a timely manner.

Mr. Conrad thanked Mr. Brokering and Scheffel Boyle for the report.

There was a brief discussion regarding the identified reportable finding. Mr. Etwert indicated he would review the transfer of sales tax funds to the Counties in the future.

Mr. Conrad asked for a motion to accept the 2023 Audit and Financial Report. A motion was made by Mr. Parks to accept the 2023 Audit and Financial Report with commendations to Scheffel Boyle and Mr. Etwert. Mr. Schwind seconded the motion. Dr. Moore called the roll, and the following votes were made on the motion.

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

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**

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

#### **Wood River**

#### **Bid Package 8 - South Roxana Relief Wells & Pump Station**

- FPDC/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.
- February 13, 2024 – USACE Approves Integral Determination Report (IDR)
- **June 17, 2024 – USACE Division Endorses PPA Amendment and sends to HQ for final approval**
- August 2024 – Current USACE HQ expected PPA Amendment approval.
- Summer 2024 – Anticipated start of design (immediately following PPA Amendment approval)

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

- 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.

## **MESD**

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

- Project is approximately 53% complete
- **River is currently in flood stage and work is halted. Routine inspections of construction site and emergency backfilled areas are occurring.**

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

- This is now being bid & constructed by USACE.
- WSP will support as requested from now on.

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

- WSP is working on 65% design submittal
- Design of the Phillips Reach No. 2 Pump Station Replacement is underway.
- **Construction estimated for Summer 2025**

## **Prairie Du Pont & Fish Lake**

### **Bid Package 15 – East Carondelet – Large Seepage Berms**

- **WSP working towards 95% complete design submittal**
- **Land Acquisition is underway**
- **Schedule is to award for construction at the November 2024 Board Meeting**

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

- **35% complete design package was submitted on July 8**

**USACE is reviewing**

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

- 35% design is underway
- 35% complete design package to be submitted in fall 2024.

Mr. Conrad asked for a motion to accept the Design and Construction Update. A motion was made by Mr. Parks 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 - absent  
Mr. Brinkman - Aye  
Mr. Conrad – Aye  
Ms. Crockett – absent  
Mr. Merz - absent  
Mr. Metzger - absent  
Dr. Moore – Aye  
Mr. Parks – Aye  
Mr. Schwind – Aye

The motion was approved unanimously.

**Draft FY 2025 Flood Prevention District Council Budget**

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

Mr. Etwert explained the Board first reviews the draft budget for the coming fiscal year at the July Board meeting, with final adoption at the August meeting. By law, the Council's budget must be adopted by August 31st of each year for the fiscal year beginning October 1st. The budget must be submitted to the county boards for approval after which they have 30 days to act on it.

Total FEMA accreditation of all of the Metro East Levee Systems was successfully completed in April of 2022, with the Council achieving its interim goal of attaining FEMA flood protection standards, using only the funds generated from the dedicated flood protection sales tax.

All of the improvements built have been tested by high river events (the second highest event on record at 45.93 ft. and the longest flood event on record at 126 days, during May/June 2019) and have successfully performed as designed and protected the Metro East area.

In conjunction with its long-term goal of achieving the 500-Year Level of Protection, the Council in 2015, adopted a resolution expressing the Official Intent to Restore the Federal Authorized Level of Mississippi River Flood Protection in the Metro East,

The first two Authorized Level projects, Bid Packages #14A and #18 have been completed.

Bid Package #11, originally scheduled for construction in FY 2022, but delayed by lengthy reviews by the Corps of Engineers, is under construction and should be completed in FY 2025 in January.

The design of Bid Packages #9 and #18A, has also been delayed by the lengthy review and approval process of the Corps of Engineers, both are now scheduled for construction in FY 2026

Permission to design and construct Bid Package #9 was submitted in November 2021. The Corps didn't issue a required Engineering Documentation Report (EDR) until February 2023. An amendment of the Integral Determination Report (IDR), the document that indicates what portions of work will be eligible for WIK credit was also needed and was received in February of this year. Lastly, an amendment of the Project Partnership Agreement (PPA) is also needed, originally anticipated in November 2023, it is now expected to be approved late this summer, with design to begin after approval.

The Relief Flow Study which identified the need for Bid Package #18A was submitted to the Corps in June 2022. In May 2023, the Corps agreed the improvements to the pumping station capacity in Cahokia Heights was necessary to maintain the Authorized Level of protection. With the Board in May 2023 approving amendment #8 to WSP Work Order # 14, the design process began.

The 35% complete construction drawings, specification, and design report was submitted to the Corps last November. A revised relief well plan from the Corps was required before any further work could proceed. The Corps indicated they would provide the revised relief well plan by the end of January. The revised relief well plan wasn't received until May 6<sup>th</sup>. WSP resubmitted the 35% design on July 9<sup>th</sup>.

The review and approval process to date, on Bid Packages #9 and #18A, reflects just how long it takes to get a project to construction.

The FY 2025 budget focuses on the continued design of Authorized Level projects, completion of Bid Package #11 and construction starting on Bid Packages #15, the first Authorized Level project in the PDP/FL area.

All required five percent cash contributions to the Corps of Engineers for Design Deficiency Projects have been completed. There is funding for the Corps of Engineers for oversight on the Prairie Du Pont/Fish Lake design and construction. Administrative expenditures, which are a relatively small portion of our costs, remain virtually unchanged for the next year.



In general, expenditures for next year's budget are based on the design and construction of the Authorized Level projects. The past practice of making conservative revenue and expenditure assumptions has been continued.

A draft FY 2025 budget is shown in Table 1.

Key assumptions are:

1. Corps of Engineers reviews and approvals will be timelier in FY 2025 than the last three years and projects identified for construction will be bid and awarded as anticipated.
2. The level of Council staffing does not change in FY 2024, and general and administrative costs continue to remain a small portion of the project expenditure. Staff resources continue to be supplemented by the significant use of consulting and professional services.
3. In accordance with the bond indenture, all sales tax receipts are intercepted by the Trustee and after all financial requirements for debt, construction, and administration have been satisfied, surplus funds are transferred to each County for deposit in a County Flood Prevention District Sales Tax Fund for future Council project financing. The surplus transfers are shown as expenditures in the budget.
4. A 10% construction cost contingency is included for all construction on all projects to be built.
5. Sales tax revenue is estimated to increase by 1.5% over the amount projected to be collected in FY 2024. Interest income is estimated to be \$700,000.
6. As previously indicated, funding for Corps of Engineers for oversight on the Prairie Du Pont/Fish Lake design and construction has been included.
7. The Council will continue to work with levee districts in identifying potential funding sources, where and if needed, for the maintenance and operations of the 100-Year Improvements and Authorized Level Improvements being built. Life Cycle Costs Reports for the 100-Year Improvements have been provided to each of the Levee Districts.
8. The Counties provided fifty percent of their FPD sales tax funds to the Council earlier this year for the 500-Year Authorized Level Projects. There is currently \$29,468,840 in the three County FPD sales tax funds. It is currently anticipated these funds will be requested in March 2026.
9. The budget has been developed to provide flexibility to coincide with the Corps of Engineers' utilization of the Risk Informed Process and Risk Assessment. The Council

will continue to work with the Corps of Engineers regarding project priorities and design & construction responsibilities between the Corps and WSP.

Table 2 provides more details on the project expenditures for design, construction management, and construction.

Table 3 compares the Estimated Authorized Level Expenses for FY 2025 thru FY 2028 to the Estimated Available Authorized Level Funding FY 2025 thru FY 2028. There will be sufficient funds to complete the projects by FY 2027, without the issuance of a third bond issue.

Based on the current projections of expenditures and funding, it is estimated all the Council bonds could be paid off by 2032 or possibly 2031, which at that time the Council would be dissolved, per the Flood Prevention District Act.

The Authorized Level is still early in the design/build process and there are many factors that could affect required funding:

1. The Corps continued utilization of the Risk Informed Process could reduce costs.
2. As projects are better defined, designed, and bid, estimates could be reduced, such as was the case with the 100-Year Projects, where early overall estimates were \$160 million dollars, and the project came in at around \$120 million dollars.
3. As of April 30, 2024, the Corps total project cost for the Wood River remains \$107,471,000 and for East St. Louis/MESD \$156,313,000. The Council has sufficient funds to satisfy the non-federal share requirements for each project.
4. Thanks to the state of Illinois passing the “Leveling the Playing Field Act” sales tax revenues have gone from \$12.0 million in FY 2020, to \$14.2 million in FY 2021, to \$16.5 million in FY 2022, to \$17.1 million in FY 2023, to a projected \$17.5 million in FY 2024 and a budgeted amount of \$17.8 in FY 2025.
5. Sales tax receipts have been conservatively increased by 1.5% for FY 2025 and future fiscal years.
6. Corps review and approval times will determine construction schedules.

After considering any comments or suggestions over the next month, a final FY 2025 budget will be presented at the August Board meeting for adoption and forwarding to the county boards for their approval.

Table 1

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL  
BUDGET  
OCTOBER 1, 2023 THRU SEPTEMBER 30, 2024  
DRAFT**

	ACTUAL EXPENDITURES OCTOBER 1, 2021 THRU SEPTEMBER 30, 2022	ADOPTED BUDGET OCTOBER 1, 2022 THRU SEPTEMBER 30, 2023	PROJECTED EXPENDITURES OCTOBER 1, 2022 THRU SEPTEMBER 30, 2023	PROPOSED BUDGET OCTOBER 1, 2023 THRU SEPTEMBER 30, 2024
<b>REVENUES</b>				
Sales Tax Proceeds From Districts	\$ 16,525,996	\$ 17,491,333	17,112,882	\$ 17,284,013
Interest Income	128,056	100,000	782,277	135,000
Other Contributions			-	-
Total Revenues	\$ 16,654,052	\$ 17,591,333	\$ 17,895,159	\$ 17,419,013
<b>EXPENDITURES</b>				
Design and Construction				
Engineering Design & Construction Management	2,179,715	5,223,000	4,844,964	5,567,539
Construction	474,390	23,550,000	5,515,000	22,492,464
USACE Authorized Level Costs	-	500,000	-	500,000
Total Design and Construction	\$ 2,654,105	29,273,000	10,359,964	28,560,003
Professional Services				
Legal & Legislative Consulting	34,737	190,000	43,108	175,000
Financial Advisor	12,750	65,000	17,750	65,000
Bond Trustee Fee	13,494	12,000	13,500	15,000
Total Professional Services	\$ 60,981	\$ 267,000	\$ 74,358	\$ 255,000
Refund of Surplus Funds to County FPD Accounts				
Total Refund of Surplus Funds to County	\$ 6,046,227	\$ 3,500,000	6,836,910	\$ 3,000,000
Debt Service				
Principal and Interest	9,474,781	9,549,731	9,549,731	9,623,731
Total Debt Service	\$ 9,474,781	\$ 9,549,731	\$ 9,549,731	9,623,731
Total Design & Construction Expenses	\$ 18,236,094	\$ 42,589,731	\$ 26,820,963	\$ 41,438,734
General and Administrative Costs				
Salaries, Benefits	210,022	251,000	227,309	246,000
Bank Service Charges	547	1,000	564	1,000
Equipment and Software	463	2,000	1,285	2,000
Fiscal Agency Services	36,278	38,500	36,559	40,000
Audit Services	18,000	19,500	18,500	21,000
Meeting Expenses	150	1,000	198	1,000
Postage/Delivery	210	1,000	432	1,000
Printing/Photocopies	1,319	2,000	1,991	2,000
Professional Services	350	10,000	5,711	12,000
Supplies	425	3,000	778	3,000
Telecommunications/Internet	1,916	3,000	2,903	3,000
Travel	100	5,000	402	5,000
Insurance	6,098	8,000	6,175	8,000
Total General & Administrative Costs	275,878	345,000	302,807	345,000
Total Expenditures	18,511,972	42,934,731	27,123,770	41,783,734
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	(1,857,920)	\$ (25,343,398)	\$ (9,228,611)	\$ (24,364,721)
OTHER FINANCING SOURCES				
Proceeds From Borrowing	-	-	\$ -	\$ -
NET CHANGE IN FUND BALANCE	\$ (1,857,920)	\$ (25,343,398)	\$ (9,228,611)	\$ (24,364,721)

PROJECTED FUND BALANCE SEPTEMBER 30, 2023 \$67,549,592

PROJECTED FUND BALANCE SEPTEMBER 30, 2024 \$43,184,871

**Table 2**  
**Estimated Project Expenditures 10.1.2023 -9.30.2024**

<b>Design &amp; Construction Management</b>		<b>FY 2024</b>
<b>Engineering Design</b>		
<i>W. O. #1 Program Mgmt.</i>		\$168,000
<i>W. O. #3 Preconstruction Activities</i>		\$15,000
<i>W. O. #3 Flood Activities</i>		\$15,000
<b>Authorized Level Work Orders</b>		
<i>W.O. #13 Wood River Field &amp; Design BP #8, BP #9, &amp; BP #10</i>		\$500,000
<i>W.O. #14 MESD Field &amp; Design</i>		\$722,813
<i>W.O. #16 Prairie Du Pont/Fish Lake Field &amp; Design</i>		\$1,993,219
<i>W.O. #18 MESD Deep Cutoff Wall Utility/Easement Assistance</i>		\$100,000
<i>W.O. #19 Wood River LERRD's</i>		\$40,000
<i>PDP/FL LERRD'S</i>		\$0
<i>Illinois DNR Fees</i>		\$3,000
<b>Construction Management.</b>		
<i>W. O. #? Construction Management BP #9, BP #11, BP14B &amp; BP #15</i>		\$2,010,507
<b>TOTAL ENGINEERING DESIGN &amp; CONSTRUCTION MGMT.</b>		<b>\$5,567,539</b>
<b>Construction</b>		
<i>Bid Package #9 - WOOD RIVER</i>		
<i>Bid Package #11 - MESD</i>		\$7,167,826
<i>Bid Package #18A- MESD</i>		\$3,519,966
<i>Bid Package #15 - PDP/FL</i>		\$5,396,266
<i>Contingency (10% FPD Construction)</i>		\$1,608,406
<i>Utilities</i>		\$200,000
<i>Property Acquisition Authorized Level - Wood River</i>		\$200,000
<i>Property Acquisition Authorized Level - East St. Louis</i>		\$1,000,000
<i>Property Acquisition Authorized Level - Prairie Du Pont/Fish Lake</i>		\$1,000,000
<i>Wetland Mitigation</i>		\$600,000
<i>HazMat Mitigation</i>		\$1,500,000
<i>Legal</i>		\$300,000
<i>Corps of Engineers Authorized Level Costs</i>		\$500,000
<b>TOTAL CONSTRUCTION</b>		<b>\$22,992,464</b>
<b>TOTAL ENGINEERING DESIGN &amp; CONSTRUCTION</b>		<b>\$28,560,003</b>
<b>REFUND OF SURPLUS FUNDS TO COUNTY FPD ACCOUNTS</b>		<b>\$3,000,000</b>

<b>Operations &amp; Financing</b>	
<i>General &amp; Administrative</i>	\$345,000
<i>Debt Service</i>	\$9,623,731
<i>Professional Services</i>	
<i>Legal</i>	\$175,000
<i>Financial Advisor</i>	\$65,000
<i>Bond Trustee</i>	\$15,000
<b>TOTAL OPERATIONS</b>	<b>\$10,223,731</b>
<b>TOTAL EXPENSES</b>	<b>\$41,783,734</b>

**Table 3**

***Estimated Authorized Level Expenses FY 2024 to FY2027***

	<b>WITH ALL WSP 10%-20% CONTINGENCIES</b>
<i>Bid Package #11- MESD</i>	\$7,167,826
<i>Bid Package #18A- MESD</i>	\$8,800,000
<i>Bid Package # 9 - WOOD RIVER</i>	\$2,360,000
<i>Bid Package #10 - WOOD RIVER</i>	\$2,300,000
<i>Wood River WIK Cash</i>	\$298,139
<i>Bid Package #15 - PDP/FL</i>	\$18,300,000
<i>Bid Package #16 - PDP/FL</i>	\$11,700,000
<i>Bid Package #17 - PDP/FL</i>	\$13,600,000
<i>Engineering Design &amp; Construction Management</i>	\$11,420,628
<i>Construction Contingencies, Utilities, Property Acquisitions, Etc.</i>	\$15,322,783
<i>General &amp; Administrative and Professional Services</i>	\$2,435,001
<b>CURRENT ESTIMATED AUTHORIZED FUNDING NEEDED</b>	<b>\$93,704,377</b>

***Estimated Available Authorized Level Funding FY2024 to FY2027***

<i>Cash &amp; 2015 Bond Project Funds (9/30/2023)</i>	\$14,281,749
<i>County FPD Tax Funds (9/30/2023)</i>	\$53,267,843
<i>Additional Sales Tax Revenue After Debt Service</i>	\$31,197,874
<i>Interest</i>	\$243,000
<b>Available Funding</b>	<b>\$98,990,466</b>
<b>Current Estimated Balance on 9/30/2026</b>	<b>\$5,286,089</b>

Dr. Moore expressed congratulations to Mr. Etwert on the budget preparation and possible early payoff of the Council's revenue bonds and her hope that any adjustments to the current 100-Year /500-Year standards wouldn't negatively affect the Council's work.

Mr. Parks initiated a brief discussion regarding DBE/MBE participation on the upcoming Authorized Level projects. Mr. Etwert indicated the same participation guidelines utilized on the 100-Year Accreditation projects would be used on the Authorized Level projects. Currently all construction work is being done by a local contractor and it is anticipated local contractors will be utilized for the remaining projects. All construction is anticipated to be completed in 2027.

Mr. Conrad asked for a motion to accept Mr. Etwert's report on the Draft FY 2025 Flood Prevention District Council Budget. A motion was made by Mr. Brinkman to accept Mr. Etwert's report on the Draft FY 2025 Flood Prevention District Council Budget. Mr. Parks seconded the motion.

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

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

The motion was approved unanimously.

### **Release of Executive Session Minutes**

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

Mr. Etwert explained pursuant to the Open Meeting Act section 5ILCS 120/2.06(d), it is the policy of the Board of Directors of the Southwestern Illinois Flood Prevention District Council to semi-annually review the minutes of all closed meeting and acknowledge (1) if the need for confidentiality still exists as to all or part of the minutes or (2) that the minutes or portions thereof no longer require confidential treatment and are available for public inspection.

At the December 2017 Board meeting, the Board established a revised schedule of reviewing and releasing minutes no longer requiring confidentiality in May and November of each calendar year.

He indicated this item should have been taken care of at the May meeting, but unfortunately it didn't make it on the May agenda.

There have been no executive sessions since the release of meeting minutes in November 2023, therefore at this time, there are no minutes to be released. A Public Statement identifying those meeting minutes that must remain confidential was provided.

## PUBLIC STATEMENT

Pursuant to 5ILCS 120/2.06(d), the Board of Directors of the Southwestern Illinois Flood Prevention District Council reviewed the subject matter and discussion of the following meetings and now report in open session that the minutes of these meetings no longer require confidential treatment and are available for public inspection at the Council's office:

There are no meeting minutes being released at this time.

Furthermore, the need for confidentiality still exists as to all or part of the following meeting minutes:

February 18, 2015*	July 20, 2016*	March 15, 2017
March 18, 2015*	August 17, 2016*	May 17, 2017
April 15, 2015*	September 21, 2016*	March 15, 2017
May 20, 2015*	October 14, 2016*	December 20, 2017
June 17, 2015*	September 21, 2016*	May 15, 2019
November 18, 2015*	October 14, 2016*	July 17, 2019
February 17, 2016*	November 16, 2016*	August 21, 2019
June 15, 2016*	December 21, 2016*	August 19, 2020
		September 16, 2020

\* The necessity of keeping some information closed still exists, meeting minutes with redactions were released June 21, 2017

All minutes released are available for public inspection at the Council's office.

Mr. Conrad asked for a motion to accept the Public Statement which identifies the minutes of the meetings which no longer require confidential treatment and can be released, and the meeting minutes where the need for confidentiality still exists as to all or part of the meeting minutes.

A motion was made by Mr. Schwind, with a second by Mr. Brinkman to accept the Public Statement which identifies the minutes of the meetings which no longer require confidential treatment and can be released, and the meeting minutes where the need for confidentiality still exists as to all or part of the meeting minutes.

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

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

The motion was approved unanimously.

### **Corps of Engineers Update**

Mr. Conrad asked Ms. Jen Kengovski to provide the report from the Corps.

Ms. Kengovski highlighted the PowerPoint® presentation, which was included in the agenda package to illustrate her remarks. Her presentation focused on the status of the Metro East Projects.

### **METRO EAST LEVEE SYSTEM PROGRAM UPDATE**

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

**Reach 2 complete (minus some seeding)**

**Interim Operating Plan (IOP) has been decommissioned**



## **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.

Draft Facilities Alteration Agreement and Deed of  
Subordination and release being reviewed within  
Mississippi Valley Division

**WRDLD's Board has provided their concurrence on  
24Jun24**

## **Ribbon Cutting**

Late 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

**Ameren scheduled to install pad mount transformer 8-12Jul24**

**Installing chain link fence**

**Limitorque gate actuator – delayed shipping**

### **Pump Stations contract**

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

**Pump Station No. 2 – Pump Station No.2 – backfilling discharge pipes**

**Pump Station No. 3 – excavate for intake channel**

**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

Technical USACE work is paused pending resolution

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

**Solicitation package posted on 24June24**

**Bid opening scheduled for 24Jul24**

**Pump Station Modification contract**

Mods to WR and Hawthorne PSs – Jul24

**Bid Opening on 3Jun24**

**USACE is evaluating bids**

**Berm**

Vice PS/RW at Roxanna –PPA Jul24

Integral Determination Report (IDR) approved 13Feb24

Project Partnership Agreement Amendment No. 2 drafted

**MVD sent to HQ on 17 Jun24 for review/approval**

### **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

## **EAST ST. LOUIS**

### **BP-12 Ph1**

106 D-Type Relief Wells – Awarded 26Aug21

**Construction substantially complete: pump testing of 36 RWs completed in May. Working on contract closeout.**

### **BP-12 Ph2**

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

**95% design reviews ongoing**

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

ROW NTP sent to MESD in November 2023

**BP14B**

**Filter Blanket – Award: Sept FY24**

USACE will administer construction contract

**Solicitation package posted 25 April: access rod need identified after pre-bid site visit. Delay to bid open.**

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 revised 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 under seepage controls - TBD

**WSP working on 95% submittal**

**Anticipate submittal mid-July**

### **Bid Package 16 coordination**

58RWs, 11 berms, 2 PSs, conveyance, 52 RW abandonments - TBD

Agreement executed 18 January 2024

FY24 funds available

**Designer/USACE kick-off meeting to ensure common understanding held on 10 July 2024**

## **Bid Package 17 coordination**

74 RWs, 6 berms, 2 PSs, conveyance, 47 RW abandonments – TBD

Agreement executed 18 January 2024

FY24 funds available

**Expecting designer/USACE kick-off meeting to ensure common understanding**

## **Environmental Assessment**

Supplemental EA – TBD

**EA comments submitted to USACE on 21May are acceptable (minus resolution on the Section 106 component)**

**USACE has sent report/letter to IL SHPO recommending no further work.**

**USACE will send a similar letter to tribes soon.**

**Next step is to address any comment received; 30-day review period**

Mr. Conrad thanked Ms. Kengovskiy 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. Parks on the motion.

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

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

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.

There was a brief discussion with attendees regarding the overflowing of Harding ditch the previous day. The Council has no responsibility in this area.

**Adjournment**

Mr. Conrad then asked for a motion to adjourn the meeting.

A motion was made by Mr. Schwind and seconded by Mr. Parks, and all responded with an affirmative voice vote.

Respectfully submitted,

Debra Moore,  
Secretary/Treasurer, Board of Directors







Memo to: Board of Directors  
From: Chuck Etwert  
Subject: Program Status Report for August 2024  
Date: August 19, 2024

## **500-Year Authorized Level Status**

### Wood River Levee System

Bid Package 8: The Corps' contractor is anticipated to complete construction of Bid Package 8 soon, after which, WSP will submit the Work-in-Kind (WIK) submittal for engineering during construction (EDC) services.

Bid Package 9: The Corps is in the process of amending the Project Partnership Agreement (PPA), which is necessary before the design of Bid Package 9 can safely begin. The Corps Division office endorsed the PPA amendment on June 17 and headquarters is now reviewing the changes, with final approval expected this month. As reported over the past several 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.

Relief Well Package 2: The FPD Council is awaiting the revised Notice-to-Proceed (NTP) letter for land acquisition for Relief Well Package 2 (RWP2). RWP2 is the project which 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 be presented to the Board.

LERRDs: WSP is preparing Wood River LERRDs claim for credit No. 2, which includes multiple easements purchased for USACE-constructed projects and multiple utility relocation agreement expenses the FPD Council has incurred.

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

Bid Package 11: All the new relief wells have now been developed. 60 of 76 relief wells have been pump tested. The Mississippi River has fallen well below flood stage since last month's meeting and the contractor re-mobilized and restarted work on August 14<sup>th</sup>. As a reminder, on April 29, with a forecasted flood stage on the river, the General Contractor was directed to temporarily backfill all open excavations and install the temporary bypass pumping system, per the Emergency Action Plan. The contract with the General Contractor stipulates that the FPD Council will reimburse for emergency work during flooding. A contract change order for emergency flood preparedness work will be forthcoming after the emergency action measures have been removed.

Bid Package 14B: WSP and the Corps have been addressing contractor questions as this project, as USACE has issued this project to bid. Presently, additional access easements are being sought from Terminal Railroad Association (TRRA), Kansas City Southern Railroad, and Ameren. The access easement in question were used for the Corps' cutoff wall project in East St. Louis and the Corps has asked to renew the easements for the Bid Package 14B project.

Bid Package 18A: WSP submitted a revised 35% design report to USACE on July 9. USACE provided review comments on August 12, which WSP will incorporate into the 65% design submittal.

LERRDs: East St. Louis LERRDs Claim for Credit No. 4 was submitted to USACE on August 2 in the amount of \$740,734.80. This request includes negotiation services, routine legal expenses related to acquisitions, surveying & easement plat preparation, appraisals, management of LERRDs work, and the TRRA easement purchase of \$460,000 for Bid Package 14B, along with attorney fees for the litigation associated with the TRRA acquisition. USACE is currently reviewing the claim.

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

Bid Package 15: WSP is currently preparing the final Section 408 submittal for Bid Package 15 (95% Design). USACE has informed WSP that they do not have the capacity to review Bid Package 15 alongside Bid Package 16, which was submitted on July 8. Furthermore, USACE will not be complete with review of Bid Package 16 until approximately September 12. (USACE review was scheduled to be complete on August 5.) WSP has been looking at alternatives to keep the bidding and award from being delayed, but at this point it is not possible to award at the

November 2024 Board meeting as planned. By bidding the project concurrent with USACE Section 408 review and public comment, we may be able to award at the January 2025 meeting but cannot be certain until USACE is complete with their review this fall.

Bid Package 16: 35% design of Bid Package 16 was submitted to USACE on July 8 and is under review. USACE anticipates completing review by September 12. (USACE review was scheduled to be complete on August 5.)

Bid Package 17: 35% design is underway and will be submitted in fall 2024 after USACE has completed review of Bid Package 15.

PDP/FL Environmental Permitting: All comments to the Draft Environmental Assessment have been resolved, except for Section 106 (cultural resources) aspects, which are close to being resolved between USACE and WSP. The Environmental Assessment is a necessary component of the Section 408 permissions that will be sought for each of the PDP/FL bid packages.

Attached is WSP's Monthly Construction Progress Report.

Recommendation:

Accept the Program Status Report for August 2024.





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

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

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WSP Project No. 563170001  
Period Ending Date: August 09, 2024

*Date of Issue: August 12, 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 <a href="mailto:jay.martin@wsp.com">jay.martin@wsp.com</a>
Project Manager	Jon Omvig, AICP, 636.795.7696 <a href="mailto:jon.omvig@wsp.com">jon.omvig@wsp.com</a>
Engineer of Record (Civil)	Randy Cook Jr., PE, 618.530.5658 <a href="mailto:randy.cook@wsp.com">randy.cook@wsp.com</a>
Engineer of Record (Geotechnical)	Mary Knopf, PE, 502.333.4391 <a href="mailto:mary.knopf@wsp.com">mary.knopf@wsp.com</a>
Resident Project Representative	Dalton Brookshire, 618.401.7359 <a href="mailto:dalton.brookshire@wsp.com">dalton.brookshire@wsp.com</a>
Construction Inspector	Jeffery Johnson, 618.250.1670 <a href="mailto:jeffery.johnson@wsp.com">jeffery.johnson@wsp.com</a>

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

2.1 HSSE Reports

<b>Health/Safety</b>		
The Contractor(s) conducts daily toolbox safety talks.		
<b>Security</b>		
Nothing to report this month		
<b>Environment (SWPPP)</b>		
Forms submitted as required		
<b>River Stage Restrictions</b>		
The project specifications dictate that excavations shall cease when the Mississippi River Stage is:		
<b>Bid Package</b>	<b>River Stage</b>	<b>River Elevation</b>
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 October 08, 2024</i>
Final Walk Through	TBD
Final Acceptance	N/A

##### 3.1.2 Progress

- Drilling Services has drilled all 68 Relief Wells, original contract quantity plus change order 05 and change order 08 quantities.
- Drilling Services has developed all 68 Relief Wells.
- Drilling Services has placed 58 Relief Well seals to date.
- Drilling Services has pump tested 60 out of 76 Relief Wells.
- Keller installed the temporary bypass pumping system at G.C.E.D 1X pump station.
- On Monday 4/29, Keller Construction was directed to temporary backfill all open excavations per the emergency action plan, due to the current high river event.
- Keller Construction to start installing the DIP Forcemain at G.C.E.D 1X and to resume work.

##### • Property Acquisition

##### 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.
- 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, approved on 3/28/2024.
- Change Order 09: Backfill Density Testing Frequency, approved 3/27/2024.
- Change Order 10: Modifying RW-36X and RW-36XB to Include Ductile Iron Pipe and Flap Gates, approved 3/27/2024.

##### 3.1.6 QC/QA Activities

- Complete to date

### 3.1.7 Other Considerations

- None at this time

### 3.1.8 Payment Progress

- Ninth Payment to the Contractor was made on November 27, 2023.
- Tenth Payment to the Contractor was made on December 20, 2023.
- Eleventh Payment to the Contractor was made on April 22, 2024.
- Twelfth Payment to the Contractor was made on August 6, 2024.
- 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.

## Bid Package 18

### 3.2.10 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

### 3.2.11 Progress

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

### 3.2.12 Property Acquisition

- No acquisition was necessary for this bid package

### 3.2.13 Levee Board Considerations

- None

### 3.2.14 Submittals

- Complete

### 3.2.15 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.

### 3.2.16 QC/QA Activities

- Complete

### 3.2.17 Considerations

- None

### 3.2.18 Payment Progress

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

Change Request Log

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

<b>Original Contract Amount:</b>	\$ 11,665,066.40
<b>Change Orders Total:</b>	\$ 799,662.76
<b>Total Revised Contract Amount:</b>	\$ 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	Design	\$ 28,086.90	16, 17	\$ 398,223.00	7.05%	0.24%	7/21/2023	Approved	Addition of bentonite seals
		Addition of Bentonite Seals T-Type RW	Design	\$ 200,119.11	16, 18	\$ 3,240,540.00	6.18%	1.72%			
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	NA	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	NA	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	Approved	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	Approved	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	Approved	Modifying discharge outlet for RW-36X and RW-36XB

## CONTRACT INVOICE LOG

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

<b>Original Contract Amount:</b>	\$ 11,665,066.40
<b>Total Change Order Amount:</b>	\$ 799,662.76
<b>Total Revised Contract Amount:</b>	<b>\$ 12,464,729.16</b>

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
11	4/12/2024	4/19/2024	\$6,549,005.27	\$654,900.55	\$5,894,104.72	\$123,024.06	4/22/2024	\$6,570,624.44
12	8/5/2024	8/6/2024	\$7,255,361.66	\$725,536.19	\$6,529,825.47	\$635,720.75	8/6/2024	\$5,934,903.69

## Change Request Log

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

<b>Original Contract Amount:</b>	\$ 905,000.00
<b>Change Orders Total:</b>	\$ 45,746.86
<b>Total Revised Contract Amount:</b>	\$ 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

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

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

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

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

<b>Original Contract Amount:</b>	\$ 4,798,418.20
<b>Change Orders Total:</b>	\$ 35,077.36
<b>Total Revised Contract Amount:</b>	\$ 4,763,340.84

(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, Desclope 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). Desclope 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

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

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

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 July 2024  
Date: August 19, 2024

Current Budget Highlights

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

Accrued expenditures for the fiscal year beginning on October 1, 2023 thru July 31, 2024 were \$19,178,300 while revenues amounted to 15,068,350 resulting in a deficit of \$4,109,951.

A total of \$29,468,840 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. These funds will be requested from the Counties in early 2026.

Monthly sales tax receipts of \$1,530,830 for May 2024 were up 2.17% from last year. Receipts for the year are up 4.46% from last year.

Monthly Disbursements

Attached are bank transactions for July 2024. Total disbursements for July were \$256,328.65 with the largest payment being to WSP, there was no payment to Keller Construction in July.

Recommendation:

Accept the budget and disbursements for July 2024.



**SOUTHWESTERN ILLINOIS FLOOD PREVENTION  
DISTRICT COUNCIL**

**GENERAL FUND  
STATEMENT OF REVENUES AND EXPENDITURES – BUDGET AND ACTUAL  
TEN MONTHS ENDED JULY 31, 2024 AND 2023**





## ACCOUNTANTS' COMPILATION REPORT

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 ten months ended July 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 a financial forecast established by the American Institute of Certified Public Accountants (AICPA). We have performed a compilation engagement 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 or conclusion, nor provide any form of assurance 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 the financial position of its governmental activity. Accounting principles generally accepted in the United States of America require the presentation of government-wide financial statements.

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.


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.

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 years ending September 30, 2024 and 2023, have not been reviewed or examined by us, and, accordingly, we do not express an opinion or any other form of assurance on them.

The financial statements are pending the completion of the financial statement audit for the fiscal year ended September 30, 2023. There could be changes to these financial statements resulting from the audit that could be material.

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

A handwritten signature in cursive script that reads "CliftonLarsonAllen LLP".

CliftonLarsonAllen LLP

St. Louis, Missouri  
August 5, 2024



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

	BUDGET			VARIANCE WITH FINAL BUDGET POSITIVE (NEGATIVE)
	ORIGINAL	FINAL	ACTUAL	
<b>REVENUES</b>				
Sales Tax Proceeds From Districts	\$ 17,284,013	\$ 17,284,013	\$ 14,498,621	\$ 2,785,392
Interest Income	135,000	135,000	569,729	(434,729)
Other Contributions	-	-	-	-
Total Revenues	17,419,013	17,419,013	15,068,350	2,350,663
<b>EXPENDITURES</b>				
Current				
Design and Construction				
Engineering Design & Construction	5,567,539	5,567,539	2,351,206	3,216,333
Management				
Construction	22,492,464	22,492,464	3,005,279	19,487,185
Construction and design by US ACE	500,000	500,000	334,833	165,167
Total Design and Construction	28,560,003	28,560,003	5,691,318	22,868,685
Professional Services				
Legal & Legislative Consulting	175,000	175,000	66,656	108,344
Financial Advisor	65,000	65,000	11,850	53,150
Bond Underwriter/Conduit Issuer	15,000	15,000	9,174	5,826
Total Professional Services	255,000	255,000	87,680	167,320
Refund of Surplus Funds to County FPD Accounts				
Madison County	1,522,569	1,522,569	1,782,916	(260,347)
Monroe County	152,262	152,262	178,298	(26,036)
St. Clair County	1,325,169	1,325,169	1,551,762	(226,593)
Total Refund of Surplus Funds to County	3,000,000	3,000,000	3,512,976	(512,976)
Debt Service				
Principal and Interest	9,623,731	9,623,731	9,623,731	-
Total Debt Service	9,623,731	9,623,731	9,623,731	-
Total Operating Expenses	41,438,734	41,438,734	18,915,705	22,523,029
General and Administrative Costs				
Salaries, Benefits	246,000	246,000	217,345	28,655
Bank Service Charges	1,000	1,000	483	517
Equipment and Software	2,000	2,000	1,825	175
Fiscal Agency Services	40,000	40,000	32,237	7,763
Audit Services	21,000	21,000	-	21,000
Meeting Expenses	1,000	1,000	160	840
Postage/Delivery	1,000	1,000	94	906
Printing/Photocopies	2,000	2,000	1,426	574
Professional Services	12,000	12,000	350	11,650
Supplies	3,000	3,000	462	2,538
Telecommunications/Internet	3,000	3,000	1,812	1,188
Travel	5,000	5,000	143	4,857
Insurance	8,000	8,000	6,258	1,742
Total General & Administrative Costs	345,000	345,000	262,596	82,405
Total Expenditures	41,783,734	41,783,734	19,178,300	22,605,435
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	(24,364,721)	(24,364,721)	(4,109,951)	(20,254,770)
NET CHANGE IN FUND BALANCE	<u>\$ (24,364,721)</u>	<u>\$ (24,364,721)</u>	<u>\$ (4,109,951)</u>	<u>\$ (20,254,770)</u>

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

	BUDGET			VARIANCE WITH FINAL BUDGET POSITIVE (NEGATIVE)
	ORIGINAL	FINAL	ACTUAL	
<b>REVENUES</b>				
Sales Tax Proceeds From Districts	\$ 17,491,333	\$ 17,491,333	\$ 14,098,898	\$ 3,392,435
Interest Income	100,000	100,000	623,597	(523,597)
Other Contributions	-	-	-	-
Total Revenues	17,591,333	17,591,333	14,722,495	2,868,838
<b>EXPENDITURES</b>				
Current				
Design and Construction				
Engineering Design & Construction Management	5,223,000	5,223,000	3,711,659	1,511,341
Construction	23,550,000	23,550,000	3,447,584	20,102,416
Construction and design by US ACE	500,000	500,000	-	500,000
Total Design and Construction	29,273,000	29,273,000	7,159,243	22,113,757
Professional Services				
Legal & Legislative Consulting	190,000	190,000	13,108	176,892
Financial Advisor	65,000	65,000	10,950	54,050
Bond Underwriter/Conduit Issuer	12,000	12,000	6,890	5,110
Total Professional Services	267,000	267,000	30,948	236,052
Refund of Surplus Funds to County FPD Accounts				
Madison County	1,848,700	1,848,700	3,611,051	(1,762,351)
Monroe County	167,650	167,650	327,488	(159,838)
St. Clair County	1,483,650	1,483,650	2,898,371	(1,414,721)
Total Refund of Surplus Funds to County	3,500,000	3,500,000	6,836,910	(3,336,910)
Debt Service				
Principal and Interest	9,549,731	9,549,731	9,549,731	-
Federal Interest Subsidy	-	-	-	-
Total Debt Service	9,549,731	9,549,731	9,549,731	-
Total Operating Expenses	42,589,731	42,589,731	23,576,832	19,012,898
General and Administrative Costs				
Salaries, Benefits	251,000	251,000	173,070	77,930
Bank Service Charges	1,000	1,000	456	544
Equipment and Software	2,000	2,000	975	1,025
Fiscal Agency Services	38,500	38,500	30,945	7,555
Audit Services	19,500	19,500	18,500	1,000
Meeting Expenses	1,000	1,000	98	902
Postage/Delivery	1,000	1,000	260	740
Printing/Photocopies	2,000	2,000	1,423	577
Professional Services	10,000	10,000	1,711	8,289
Memberships and Dues	-	-	-	-
Supplies	3,000	3,000	278	2,722
Telecommunications/Internet	3,000	3,000	2,546	454
Travel	5,000	5,000	202	4,798
Insurance	8,000	8,000	6,175	1,825
Total General & Administrative Costs	345,000	345,000	236,639	108,361
Total Expenditures	42,934,731	42,934,731	23,813,472	19,121,259
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	(25,343,398)	(25,343,398)	(9,090,977)	(16,252,421)
NET CHANGE IN FUND BALANCE	<u>\$ (25,343,398)</u>	<u>\$ (25,343,398)</u>	<u>\$ (9,090,977)</u>	<u>\$ (16,252,421)</u>

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL GENERAL FUND  
HISTORICAL AND BUDGETED FINANCIAL STATEMENTS  
SUMMARY OF SIGNIFICANT ASSUMPTIONS  
FOR THE TEN MONTHS ENDED JULY 31, 2024 AND 2023, AND THE YEAR ENDING  
SEPTEMBER 30, 2024**

**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 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. Expected increase in Design and Construction are based on engineers plans for the year                       | 57% |
| 3. Expected increase in Professional Services are based on expected needs to purchase easements and other costs | 56% |
| 4. Salaries, benefits and taxes are based on annual salary increases  | 3%  |



Flood Prevention District Sales Tax Trends 2009-2024

	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	\$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	

2023

	Jan	Feb	March	April	May	June	July	August	Sept	October	November	December	Total
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
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
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
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%	

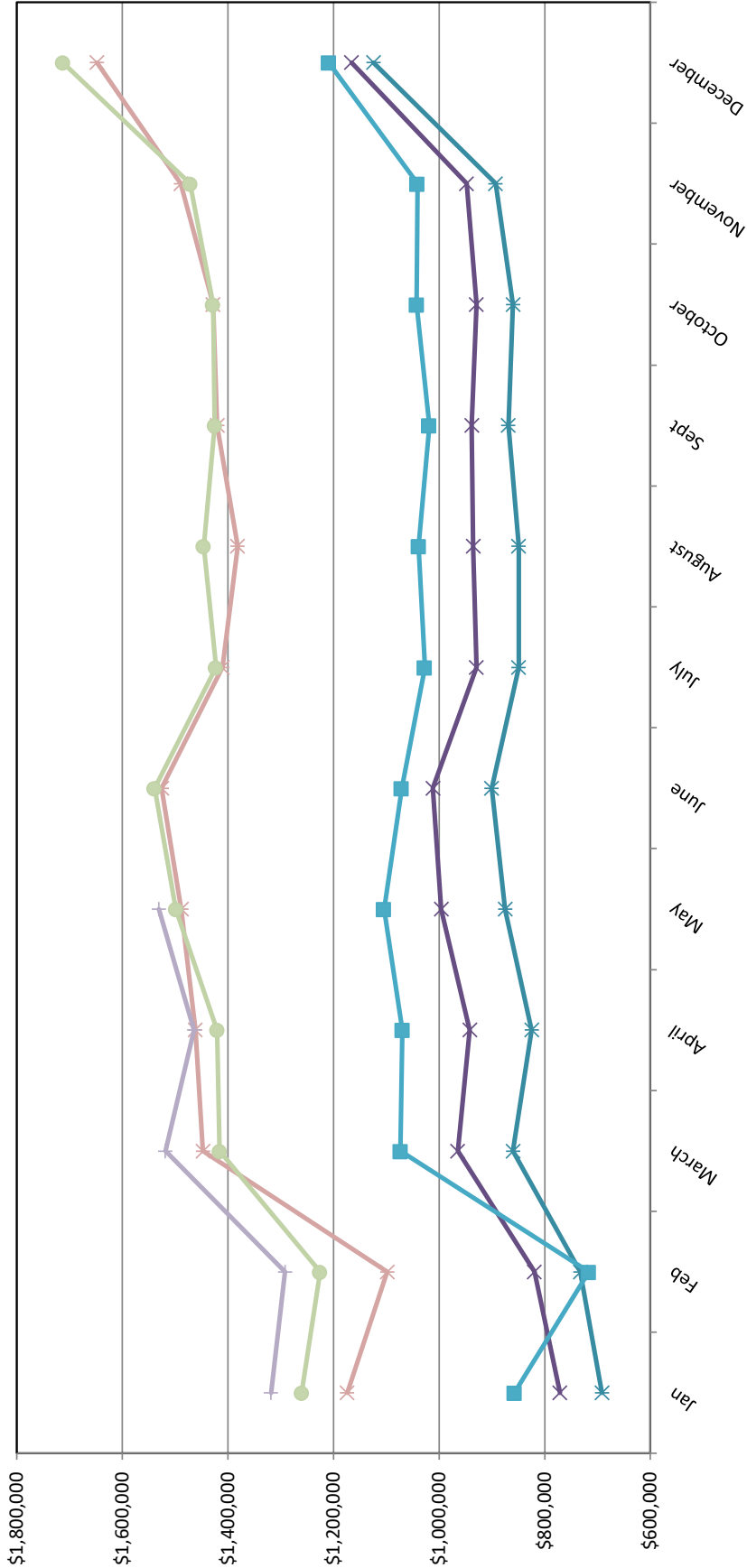
2024

	Jan	Feb	March	April	May	June	July	August	Sept	October	November	December	Total
Madison	\$690,719	\$660,088	\$779,358	\$759,392	\$783,653								\$3,673,209
St. Clair	\$555,425	\$565,013	\$662,878	\$628,628	\$666,820								\$3,078,764
Monroe	\$72,371	\$66,818	\$76,279	\$75,939	\$80,358								\$371,766
Total Month	\$1,318,515	\$1,291,919	\$1,518,515	\$1,463,959	\$1,530,830								\$7,123,739
Cumulative Total	\$1,318,515	\$2,610,434	\$4,128,949	\$5,592,908	\$7,123,739								
% change/month	4.63%	5.43%	7.26%	3.08%	2.17%								
% change/total	4.63%	5.03%	5.84%	5.10%	4.46%								

Madison	51.270%
St. Clair	43.494%
Monroe	5.236%

*Flood Prevention District Sales Tax Trends 2009-2024*

Monthly Receipts 2009-2014-2019-2022-2023-2024



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

Beginning Bank Balance as of July 1, 2024 **\$ 1,629,578.29**  
Receipts

Busey Bank	07/31/2024	Interest	60.71
UMB Bank	07/31/2024	Construction Transfer	229,320.38
UMB Bank	07/31/2024	Admin Transfer	50,336.68

**\$ 279,717.77**

Disbursements

WSP Global, Inc.	07/03/2024	Construction	214,952.73
Husch Blackwell	07/20/2024	Legal	10,414.75
Husch Blackwell	07/03/2024	Legal	291.60
Columbia Capital	07/26/2024	Financial Advisor	900.00
Cost Less Copy Center	07/11/2024	Printing & Copying	341.60
UMB Bank, NA	07/24/2024	Bond Trustee Fees	2,761.30
East West Gateway	07/25/2024	Supervisor Management Services	20,492.42
CliftonLarsonAllen LLP	07/31/2024	Fiscal Agent	5,922.00
Microsoft Corporation	07/22/2024	Phone	28.51
Office Depot	07/29/2024	Supplies	82.39
Amazon Marketplace	07/29/2024	Supplies	96.20
Busey Bank	07/30/2024	Wire Fee	15.00
Busey Bank	07/30/2024	Wire Fee	15.00
Busey Bank	07/31/2024	Bank Fee	15.15

**\$ 256,328.65**

**\$ 1,652,967.41**








Memo to: Board of Directors  
From: Chuck Etwert  
Subject: Design and Construction Update  
Date: August 19, 2024

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

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







# Southwestern Illinois Levee Systems

## Progress Report August 21, 2024

Jon Omvig

1

1



### Wood River

Bid Package 8  
South Roxanna  
Relief wells & pump station

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

2

2

wsp	<b>Wood River</b>	
	Bid Package 9	
	Roxanna	
	Seepage berm & detention pond	
	<b>Date</b>	<b>Milestone</b>
	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.
3	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.

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wsp	<b>Wood River</b>	
	Bid Package 9	
	Roxanna	
	Seepage berm & detention pond	
	<b>Date</b>	<b>Milestone</b>
4	Feb. 13, 2024	USACE Approves Integral Determination Report (IDR).
	Jun 17, 2024	USACE Division Endorses PPA Amendment and sends to HQ for final approval.
	Aug/Sep 2024	Current USACE HQ expected PPA Amendment approval.
	Sep 2024	Anticipated start of design (immediately following PPA Amendment approval).

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## Wood River

Old Channel Wood River

NE Corner of IL-3 and IL-143

- 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

- Construction is approximately **58%** complete.
- **River stage is now low enough to continue work**
- **Contractor restarted work on August 14. (Last Wednesday)**

**East St. Louis (MESD)**

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

- This is now being bid & constructed by USACE.
- WSP will support as requested from now on.
- **Access Road Easements being sought from multiple parties (LERRDs)**

**East St. Louis (MESD)**

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

- WSP is working on 65% design submittal.
- Design of the Phillips Reach No. 2 Pump Station Replacement is underway.
- **LERRDs Claim for Credit No. 4 (\$740,734.80) was submitted on August 2. USACE is reviewing.**



## Prairie du Pont

Bid Package 15  
East Carondelet  
Large seepage berms

- WSP preparing final Section 408 submittal (95% Design) for USACE review/public comment.
- USACE cannot begin 95% review of Bid Pkg 15 until 35% review of Bid Pkg 16 is complete in mid-September.
- Consider bidding the project concurrent with USACE review.
- Project bidding, award, and construction is delayed ~2 months as a result.

9

9



## Prairie du Pont

Bid Package 16  
East Carondelet  
Relief wells, berms, and pump stations

- 35% complete design package was submitted on July 8.
- USACE review was expected to be complete in early August but is now expected by September 12.

10

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## Fish Lake

Bid Package 17

Columbia

Relief wells, berms, and pump stations

- 35% design is underway
- 35% complete design package to be submitted in fall 2024.
- **Package is delayed due to USACE review of Bid Packages 16 and 15. Bid Package 17 will be submitted after Bid Package 15 review is complete.**

# Thank you





Memo to: Board of Directors  
From: Chuck Etwert  
Subject: FY 2025 Annual Budget  
Date: August 19, 2024

By law, the Council's budget must be adopted by August 31st of each year for the fiscal year beginning October 1st. The budget must be submitted to the county boards for approval after which they have 30 days to act on it.

Total FEMA accreditation of all the Metro East Levee Systems was successfully completed in April of 2022, with the Council achieving its interim goal of attaining FEMA flood protection standards, using only the funds generated from the dedicated flood protection sales tax.

All the improvements built have been tested by high river events (the second highest event on record at 45.93 ft. and the longest flood event on record at 126 days, during May/June 2019) and have successfully performed as designed and protected the Metro East area.

In conjunction with its long-term goal of achieving the 500-Year Level of Protection, the Council in 2015, adopted a resolution expressing the Official Intent to Restore the Federal Authorized Level of Mississippi River Flood Protection in the Metro East,

The first two Authorized Level projects, Bid Packages #14A and #18 have been completed.

Bid Package #11, originally scheduled for construction in FY 2022, but delayed by lengthy reviews by the Corps of Engineers, is under construction and should be completed in FY 2025 in January.

The design of Bid Packages #9 and #18A, has also been delayed by the lengthy review and approval process of the Corps of Engineers, both are now scheduled for construction in FY 2026

The FY 2025 budget focuses on the continued design of Authorized Level projects, completion of Bid Package #11 and construction starting on Bid Package #15.

All required five percent cash contributions to the Corps of Engineers for Design Deficiency Projects have been completed. There is funding for the Corps of Engineers for oversight on the

*A regional partnership to rebuild Mississippi River flood protection*

Prairie Du Pont/Fish Lake design and construction. Administrative expenditures, which are a small portion of our costs, remain unchanged for the next year.

In general, expenditures for next year's budget are based on the design and construction of the Authorized Level projects. The past practice of making conservative revenue and expenditure assumptions has been continued.

The recommended FY 2025 budget is shown in Table 1, there have been no changes from the draft budget presented at the July meeting.

All key assumptions presented with the draft budget last month remain the same.

Key assumptions are:

1. Corps of Engineers reviews and approvals will be timelier in FY 2025 than the last three years and projects identified for construction will be bid and awarded as anticipated.
2. The level of Council staffing does not change in FY 2024, and general and administrative costs continue to remain a small portion of the project expenditure. Staff resources continue to be supplemented by the significant use of consulting and professional services.
3. In accordance with the bond indenture, all sales tax receipts are intercepted by the Trustee and after all financial requirements for debt, construction, and administration have been satisfied, surplus funds are transferred to each County for deposit in a County Flood Prevention District Sales Tax Fund for future Council project financing. The surplus transfers are shown as expenditures in the budget.
4. A 10% construction cost contingency is included for all construction on all projects to be built.
5. Sales tax revenue is estimated to increase by 1.5% over the amount projected to be collected in FY 2024. Interest income is estimated to be \$700,000.
6. As previously indicated, funding for Corps of Engineers for oversight on the Prairie Du Pont/Fish Lake design and construction has been included.
7. The Council will continue to work with levee districts in identifying potential funding sources, where and if needed, for the maintenance and operations of the 100-Year Improvements and Authorized Level Improvements being built. Life Cycle Costs Reports for the 100-Year Improvements have been provided to each of the Levee Districts.
8. The Counties provided fifty percent of their FPD sales tax funds to the Council earlier this year for the 500-Year Authorized Level Projects. There is currently \$29,468,840 in the three County FPD sales tax funds. It is currently anticipated these funds will be requested in March 2026.

9. The budget has been developed to provide flexibility to coincide with the Corps of Engineers' utilization of the Risk Informed Process and Risk Assessment. The Council will continue to work with the Corps of Engineers regarding project priorities and design & construction responsibilities between the Corps and WSP.

Recommendation: Approve the proposed FY 2025 annual budget for the Council and authorize the Chief Supervisor to submit it to the Boards of Madison, Monroe, and St. Clair Counties as presented.



Table 1

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL  
BUDGET  
OCTOBER 1, 2024 THRU SEPTEMBER 30, 2025**

	ACTUAL EXPENDITURES OCTOBER 1, 2022 THRU SEPTEMBER 30, 2023	ADOPTED BUDGET OCTOBER 1, 2023 THRU SEPTEMBER 30, 2024	PROJECTED EXPENDITURES OCTOBER 1, 2023 THRU SEPTEMBER 30, 2024	PROPOSED BUDGET OCTOBER 1, 2024 THRU SEPTEMBER 30, 2025
<b>REVENUES</b>				
Sales Tax Proceeds From Districts	\$ 17,136,192	\$ 17,284,013	17,581,276	\$ 17,844,995
Interest Income	747,917	135,000	754,471	700,000
Other Contributions			-	-
Total Revenues	\$ 17,884,109	\$ 17,419,013	\$ 18,335,747	\$ 18,544,995
<b>EXPENDITURES</b>				
Design and Construction				
Engineering Design & Construction Management	4,131,454	5,567,539	2,655,133	4,959,275
Construction	3,854,465	22,492,464	7,443,607	16,358,918
USACE Authorized Level Costs	-	500,000	334,833	500,000
Total Design and Construction	7,985,919	28,560,003	10,433,573	21,818,193
Professional Services				
Legal & Legislative Consulting	13,108	175,000	85,261	175,000
Financial Advisor	11,850	65,000	17,150	65,000
Bond Trustee Fee	13,669	15,000	13,500	15,000
Total Professional Services	\$ 38,627	\$ 255,000	\$ 115,911	\$ 255,000
Refund of Surplus Funds to County FPD Accounts				
Total Refund of Surplus Funds to County	\$ 6,836,910	\$ 3,000,000	3,512,976	\$ 3,000,000
Debt Service				
Principal and Interest	9,549,731	9,623,731	9,623,731	9,707,081
Total Debt Service	\$ 9,549,731	\$ 9,623,731	\$ 9,623,731	\$ 9,707,081
Total Design & Construction Expenses	\$ 24,411,187	\$ 41,438,734	\$ 23,686,191	\$ 34,780,274
General and Administrative Costs				
Salaries, Benefits	213,657	246,000	265,032	280,000
Bank Service Charges	547	1,000	593	1,000
Equipment and Software	975	2,000	2,120	2,000
Fiscal Agency Services	36,532	40,000	38,582	42,000
Audit Services	18,500	21,000	19,950	22,000
Meeting Expenses	98	1,000	260	1,000
Postage/Delivery	344	1,000	294	1,000
Printing/Photocopies	1,775	2,000	1,884	2,000
Professional Services	1,711	12,000	5,770	12,000
Supplies	557	3,000	625	3,000
Telecommunications/Internet	3,565	3,000	2,295	3,000
Travel	202	5,000	343	5,000
Insurance	6,175	8,000	6,258	8,000
Total General & Administrative Costs	\$ 284,638	\$ 345,000	344,006	382,000
Total Expenditures	\$ 24,695,825	\$ 41,783,734	\$ 24,030,197	35,162,274
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	\$ (6,811,716)	\$ (24,364,721)	\$ (5,694,450)	\$ (16,617,279)
OTHER FINANCING SOURCES				
Proceeds From Borrowing	-	-	\$ -	\$ -
NET CHANGE IN FUND BALANCE	\$ (6,811,716)	\$ (24,364,721)	\$ (5,694,450)	\$ (16,617,279)

PROJECTED FUND BALANCE SEPTEMBER 30, 2024 \$63,393,037

PROJECTED FUND BALANCE SEPTEMBER 30, 2025 \$46,775,758





Memo to: Board of Directors  
From: Chuck Etwert  
Subject: Annual Report 2023-2024  
Date: August 19, 2024

Attached is the Annual Report for FY 2024. By law, the Council must submit an Annual Report to each county board describing activities for the past year. We submit this report with our annual request for approval of our budget.

The report simply chronicles the activities of the last year and builds on previous reports, so it is a summary of the Council's cumulative activities since its inception in June 2009.

Recommendation: Authorize the Chief Supervisor to submit the FY 2024 Annual Report to the county boards of St. Clair, Madison, and Monroe counties.





# Southwestern Illinois Flood Prevention District Council

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## Annual Report 2023-2024



August 21, 2024





## Southwestern Illinois Flood Prevention District Council

104 United Drive  
Collinsville, IL 62234

618-343-9120

[www.floodpreventiondistrict.org](http://www.floodpreventiondistrict.org)

August 21, 2024

Hon. Mark Kern  
County Board Chairman  
St. Clair County  
10 Public Square  
Belleville, IL 62220-1623

### Board of Directors

John Conrad  
President

Max Merz III  
Vice President

Debra Moore  
Secretary-Treasurer

Hon. Kurt Prenzler  
County Board Chairman  
Madison County Administration Building  
157 N. Main Street, Suite 165  
Edwardsville, IL 62025-1963

Michael Andreas  
Bruce Brinkman  
Isabelle Crockett  
Aaron Metzger  
Alvin L. Parks Jr.  
David Schwind

Hon. George E. Green  
Chairman, Monroe County Board of Commissioners  
100 South Main Street  
Waterloo, IL 62298

Charles M. Etwert  
Chief Supervisor of  
Construction and the Works

Chairmen Kern, Prenzler, and Green:

Transmitted herewith is the 2023-2024 Annual Report of the Southwestern Illinois Flood Prevention District Council. The submission of this report is in satisfaction of the requirement of our authorizing statute (70 ILCS 750/40).

Since its creation the Council has had two primary goals: accreditation by the Federal Emergency Management Agency (FEMA) of the Metro East Levee Systems and achieving the Authorized Level of Protection to the extent possible with the funds available.

In FY 2022, total accreditation for all the Metro East Levee Systems was successfully completed. The Council achieved its interim goal of attaining FEMA flood protection standards and obtaining accreditation, using only the funds generated from the dedicated flood protection sales tax.

The Council anticipates FEMA issuing new maps, reflecting the 100-Year Improvements, within the next year.

*a regional partnership to rebuild Mississippi River flood protection*

The Council continues to work with the Corps of Engineers regarding the Council's design and building of the 500-Year Authorized Level of Protection Projects, building the most cost effective and highest priority flood protection projects throughout the Counties of Madison, Monroe, and St. Clair, Illinois to restore the federally Authorized Level of flood protection in the Metro-East.

The Corps of Engineers will provide oversight on the design and construction of these projects, to ensure that funds expended by the Council, where applicable, will be eligible for Work In-Kind (WIK) Credit and Lands, Easements, Rights-of-Way, Relocation, Disposal Areas (LERRDs) Credit. These credits will be utilized to satisfy the non-federal partner thirty-five percent share requirement by the Corps of Engineers.

In the Wood River Levee System, the Council has submitted and received approval of \$27,985,946.76 of WIK Credit and LERRDs Credit and in the East St. Louis/MESD Levee System, the Council has submitted and received approval of \$34,022,340.17 of WIK Credit and LERRDs Credit. Additional WIK Credit and LERRDs Credit will be submitted for both the Wood River and East St. Louis Levee Systems as work is completed.

The Council's FY 2025 budget focuses on the continued design of Authorized Level projects, completion of Bid Package #11 and construction starting on Bid Package #15.

The May/June 2019 100-Year flood event (the second highest event on record at 46.02 ft., and the longest flood event on record at 126 days), tested the seventy-five million dollars of flood protection improvements the Council has built. All improvements performed as designed and the Metro East American Bottom Levees managed the event much better than ever before. Fortunately, there have been no major flood events in the last five years. This follows three major flood events in the previous four years.

With the state passing the "Leveling the Playing Field Act", sales tax receipts increased 18.4% in FY 2021, 16.1% in FY 2022, and 3.6% in FY 2023. With receipts, leveling off an increase of 2.5% is anticipated in FY 2024 and a 1.5% increase is budgeted for FY 2025. With these increases in revenue, the Council will have sufficient funds to complete all the Authorized Level of Protection Projects by FY 2027 without the issuance of a third bond issue.

Corps review and approval times will determine the final construction schedule.

The Counties provided fifty percent of their FPD sales tax funds to the Council earlier this year for the 500-Year Authorized Level Projects. There is currently \$29,468,840 in the three County FPD sales tax funds. It is currently anticipated these funds will be requested in March 2026.

In summary, I am pleased to report on behalf of our Board of Directors, that we continue to make progress in building and financing significant improvements to the flood protection systems in the Metro-East.

Thank you for your continued support of our efforts throughout the year.

Sincerely,

Charles M. Etwert  
Chief Supervisor of Construction and the Works



# I. Introduction

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On August 15, 2007, the Federal Emergency Management Agency announced their intention to “de-accredit” the Mississippi River levee systems protecting a 174 square mile area in three Illinois counties known as the American Bottom. The practical effect of this action would be to cripple the area economically and put an enormous financial burden on businesses and residents in this area. The threat of this action by FEMA prompted a chain of events that is without precedent in the area. The result is a cooperative regional effort to improve flood protection and secure FEMA accreditation for the levee system protecting the American Bottom from flooding.

The American Bottom is an area of incalculable economic value and historical significance. It is home to over 156,000 residents. Businesses in the area employ over 56,000 people. Some of the nation’s most prestigious companies have major manufacturing facilities having national significance in the area. Additionally, the area is rich in multimodal transportation assets that make it well positioned as a future center of commerce and industry.

The region’s leadership recognized that extraordinary measures were necessary to protect this economic asset and the homes and livelihoods of a substantial portion of the region’s population. A new revenue source was created in 2008 and a regional organization was formed to conduct an ambitious plan to maintain a level of flood protection that has been in place for some 80 years.

Acting on a plan to improve flood protection, even one that may be subject to adjustment from time to time, is an essential ingredient in helping businesses and citizens prepare for the future, to restore investor confidence in the area, and to assure taxpayers that their money is being spent effectively. The unpredictability of the Mississippi River serves as a constant reminder that we need to demonstrate real progress in conducting that plan.

The purpose of this report is to outline the activities of the Southwestern Illinois Flood Prevention District Council in 2023-2024 in achieving the continuance of FEMA 100-Year Level of Protection accreditation and the design & construction of 500-Year Level of Protection (also known as the Authorized Level) improvements.





## II. Background

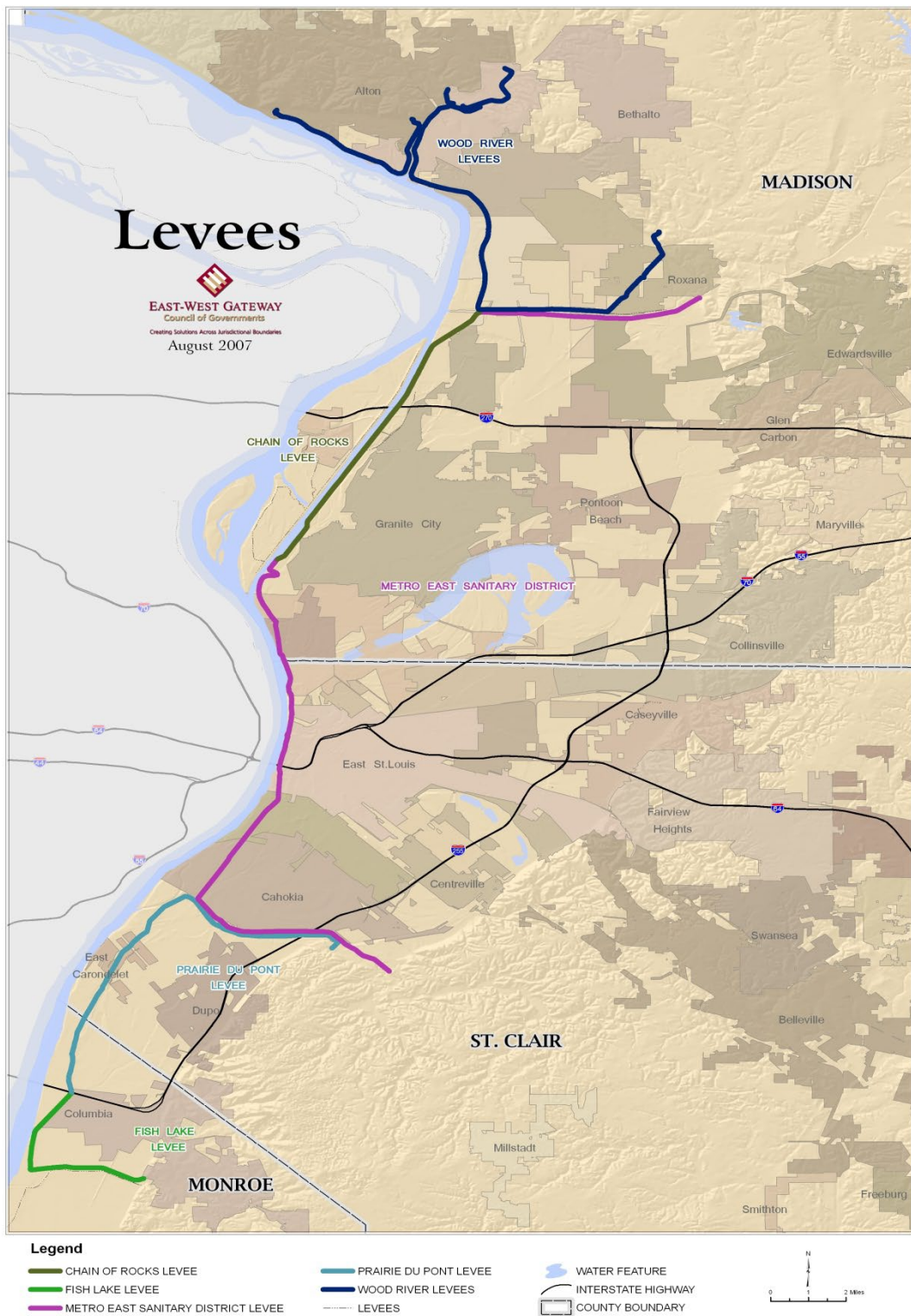
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A system of 65 miles of mainline and wing levees protects an area called the American Bottom in Southwestern Illinois from flooding by the Mississippi River. The American Bottom is an area of 174 square miles that is home to over 156,000 people and more than 56,000 jobs. The levee system was authorized by Congress and designed and built by the U.S. Army Corps of Engineers to provide protection from a flood event on the Mississippi River of 54 feet on the St. Louis gauge. The American Bottom has not been flooded by the Mississippi River in the 80 years since the flood protection system was initially built, including during the flood of record in 1993, as much as a 380-year event.

Mississippi River flood protection consists of five “federal” levees (see Figure 1), i.e., levees designed and built by the federal government and whose owners participate in the Corps of Engineers Public Law 84-99 emergency assistance program. Federal law authorized the construction of the following five (5) levees:

- **Wood River Levee** - Operated and maintained by the Wood River Drainage and Levee District. Construction authorized under Section 4 of the Flood Control Act of 1938, Pub. L. 75-761, with subsequent improvement was authorized under Section 1001(20) of the Water Resources Development Act of 2007, Pub. L. 110-114 (“WRDA 2007”)
- **Chain of Rocks Canal, Levee, and Locks** - Operated and maintained by the Army Corps of Engineers. Construction authorized under the River & Harbors Act of 1945, Pub. L. 79-114
- **East St. Louis Levee** - Operated and maintained by the Metro East Sanitary District. The Flood Control Act of 1936, Pub., authorized construction. Law 74-738, as modified by the Flood Control Act of 1965, Pub. L. 89-298, and the Water Resources Development Act of 1976, Pub. L. 94-587. Subsequent improvement authorized under the Energy and Water Development Appropriations Act of 1988, Pub. L. 100-202
- **Prairie DuPont Levee** - Operated and maintained by the Prairie DuPont Levee and Sanitary District. Construction was authorized under the Federal Flood Control Act of 1936. Subsequent improvement was authorized under Section 102(8) of the Water Resources Development Act of 2000, Pub. L. 106-541 (“WRDA 2000”) and Section 5070 of the WRDA 2007
- **Fish Lake Levee** - Operated and maintained by the Fish Lake Drainage and Levee District. The Flood Control Act of 1954 authorized construction. Subsequent improvement was authorized under Section 102(8) of WRDA 2000 and Section 5070 of WRDA 2007

The Metro-East Sanitary District (formerly the East Side Levee and Sanitary District, originally formed in 1910) is authorized by the Metro-East Sanitary District Act of 1974, 70 ILCS 2905/. The Wood River and Fish Lake Districts were authorized by the Illinois Drainage Code, 70 ILCS 605/. The Prairie DuPont District was authorized by the Sanitary District Act of 1907, 70 ILCS 2205/. The Levee Districts own and have primary responsibility for maintaining the levee systems (except for the Chain of Rocks Levee, which is owned and maintained by the Corps of Engineers).



**Figure 1 –  
Levee Systems**

The Southwestern Illinois Flood Prevention District Council was formed in 2009 through an Intergovernmental Agreement between the Flood Prevention Districts of Madison, St. Clair and Monroe counties as authorized by the Illinois Flood Prevention District Act of 2008, 70 ILCS 750/. The primary responsibility of the FPD Council is to plan, finance, design, and build capital improvements to the levee system. The Council's interim goal to assure accreditation by FEMA in accordance with criteria described in 44 CFR 65.10 – Mapping of Areas Protected by Levee Systems was achieved April 2022. The Council's long-term goal is to achieve the Authorized Level of Protection, as defined by the Corps of Engineers.

In 2007, the Corps indicated that the agency had “reduced confidence” that the levee system could protect against a flood that has a 1% chance of being equaled or exceeded in any single year (commonly referred to as a 100-year flood or a base flood) without flood fighting. FEMA's announced decision to deaccredit the levee systems in our area, which is the industrial core of the St. Louis region, was based on this assertion by the Corps. In July 2009, FEMA issued preliminary flood insurance rate maps for the area that showed the American Bottom as a flood hazard area with no protection from flooding. Appeals of those maps were submitted by a number of local governments during the 90-day period provided by law; all those appeals were denied in September 2010.

The region's leadership did not agree with the decision by FEMA to deaccredit the levee system. A number of area governments, businesses and citizens joined to file a lawsuit challenging this decision based, in part, on the lack of any documentation of levee system deficiencies. With the lawsuit and complaints about the mapping process across the country, FEMA agreed to revamp its mapping process.

While the Corps built the levee systems in this area in the 1940s and 1950s using design standards in place at the time for an elevated level of flood protection, the current “design deficiencies” are measured relative to current engineering standards. The issue is not a failure of adequate maintenance by local levee districts, or any dramatic change in the condition of the levees, but primarily a change in engineering standards and in the procedures for measuring risk. The levee systems have consistently been determined to be in *acceptable* or *marginally acceptable* condition by annual and more thorough 3-year periodic inspections by the Corps.

According to its own preliminary evaluations and cost estimates, the Corps suggested that it could cost hundreds of millions of dollars to restore and maintain the authorized (54 feet flood elevation) level of flood protection. Further, the schedule to make these investments would be open-ended, dependent entirely on the pace of federal appropriations. Making assumptions consistent with typical levels of federal appropriations, the project could take decades to complete. While the federal government could pay as much as 65% of the cost, it could take decades for those funds to be authorized and appropriated, so there would be significant uncertainty about the cost and schedule of the project. That continued uncertainty would impose extremely prohibitive costs on residents and businesses in the area, and, more importantly, would subject the area to increased flood risk.

Because of the uncertainty of federal funding and the complexity and time-consuming nature of the USACE project development process, levee improvements will be primarily locally funded. The three affected counties imposed a ¼-cent sales tax to pay for the restoration of the levee system and formed a new organization, the Southwestern Illinois Flood Prevention District Council, to conduct the levee improvement project. The tax has been collected since January 2009 and will generate over seventeen million dollars in 2024.



### III. FPD Council Activities

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The following describes the work of the Council over its fifteen-year existence. Work done this year continues to bring the Council closer to meeting its objectives. The Project Timeline since the announcement of de-accreditation by FEMA is shown in Figure 2.

In the early years, the greatest challenge and source of doubt about the project was the continued involvement of the Corps of Engineers in granting permission for most of the improvements to the levee system that the Council has proposed. The Corps is an institution that moves very deliberately, is governed by elaborate and extensive guidelines and procedures, most of which apply to federally funded projects but are being applied to our locally funded project. This process caused significant early delays in the design process. Most of that is now behind us, with the Council and the Corps of Engineers working together to complete all construction as soon as possible.

The FPD Council began operations in July 2009. Since that time, the organization has:

- Completed a comprehensive inspection of the levee system
- Performed an economic analysis of the costs of mandatory flood insurance
- Provided support to local governments to appeal preliminary flood insurance rate maps,
- Conducted a design competition to determine the most cost-effective approach to assuring compliance with FEMA standards for levee system accreditation
- Sold \$94 million in bonds to pay for levee improvements.
- Completed the design of levee system improvements that will meet FEMA standards
- Developed a budget to complete the 100-Year Level of Protection solely with the proceeds from the FPD sales tax
- Received all required permits from state and federal agencies to proceed with construction
- Awarded contracts on the eleven construction packages required to complete the 100-Year Level of Protection
- Completed all construction needed to achieve FEMA accreditation
- Committed to restore the federally Authorized Level of Mississippi Flood River Protection in the Metro-East, designing and building the most critical and cost-effective projects
- Sold an additional \$83.8 million in bonds for 500-Year Authorized Level Protection Projects
- Initiated the design and construction of 500-Year Authorized Level Protection Projects in Madison, Monroe, and St. Clair Counties.
- Received FEMA's letter of continued accreditation for the Prairie Du Pont/Fish Lake Levee System in November 2019
- Refunded the 2010 Series Bonds, saving \$13.2 million dollars in debt service cost over the life of the bonds
- Received FEMA's letter of continued accreditation for the Wood River East & West Fork Levee System in March 2021
- Received FEMA's letter of continued accreditation for the Lower Wood River Levee System in March 2021
- Received FEMA's letter of continued accreditation for the Upper Wood River Levee System in March 2021

- Received FEMA's letter of continued accreditation for the East St. Louis/MESD Levee System in April 2022

The Council's general goals have been to:

- assure compliance with FEMA accreditation standards with available revenue sources

**Goal achieved April 26, 2022**

- build all critical and cost-effective Authorized Level Protection Projects, with the funds available, to achieve 500-Year flood level protection.

Notwithstanding the Council's strong disagreements with FEMA's decision to deaccredit the Metro-East levees and the Council's efforts to overturn that decision, the Council initiated action on achieving compliance with FEMA accreditation criteria. In October 2010, the Council engaged a team of engineering consultants led by AMEC Environment & Infrastructure, Inc. (now WSP USA Environment & Infrastructure Inc.) to design and manage construction of improvements to the levee system.

Today, after years of design work, multiple levee system inspections, drilling over 2000 borings along the entire length of the levee system and submitting thousands of pages and many gigabytes of electronic files of design documentation to the Corps of Engineers, the Council has completed the 100-Year construction. The Council built the project, using only funds from the dedicated sales tax and has significant funds to utilize towards the 500-Year Authorized Level of Protection.

The Council has worked to comply with all relevant environmental laws and regulations. The Illinois Environmental Protection Agency has granted approval for the project under Sec. 401 of the Clean Water Act to certify that the project will not discharge pollutants into any bodies of water. Similarly, the Corps of Engineers has granted conditional approval under Sec. 404 of the Clean Water Act for mitigating the project's impact on wetlands.

The Council continues to collaborate closely with our congressional delegation to help expedite the project and to advance legislation that would streamline future design approvals and would enable future funding of improvements to the levee systems. All the members continue to be supportive of the project and are working on our behalf to advance our interests with the Corps, with FEMA, and in Congress.

The general design features of the FEMA Certification Levee System Improvements are provided in Appendix I to this report.

In December 2015, the Council was successful with the issuance of additional sales tax revenue bonds which will generate a net \$77.5 million for the 500-Year Authorized Level of Protection Projects. It is the intent, to use these funds, to build the most cost effective and highest priority flood protection projects throughout the Counties of Madison, Monroe, and St. Clair, Illinois.

The Corps of Engineers is providing oversight on the design and construction of these projects, to ensure that funds expended by the Council will be eligible for future Work In-Kind Credit (WIK) and Lands, Easements, Rights-of-Way, Relocation, Disposal Areas (LERRDs) Credit.

The Council has accepted Authorized Level Project Summary Reports for the Wood River Levee System, the Metro East Sanitary District (MESD) Levee System, and the Prairie DuPont/Fish Lake Levee System.

The Council has adopted policies that emphasize the use of our local workforce on the construction of the project. It is the Council's policy that all contractors working on the project use a Project Labor Agreement (PLA) and comply with Illinois law regarding the use of prevailing wages. The Council also implemented a minority business and workforce utilization policy. The Council remains committed to employing local labor and local firms to the maximum extent possible on the project, and to paying fair wages and providing good working conditions for everyone working on the project.

The Council is going to maximize WIK Credit and LERRDs Credit work as much as possible, satisfy the 5% cash requirement by providing the Corps funds for oversight on design and construction, and construct projects 100% where the Corps' benefit cost ratio is low and Corps funds are not anticipated.

Between 2016 and 2018, there were five significant events that have impacted the 100-Year and 500-Year Levee System Improvements affecting certification, design and construction.

In December 2016, the Corps of Engineers informed the Council the Wood River Levee System amended Project Partnership Agreement, originally scheduled to be approved in January 2017, would not be approved for at least two years. This delay was due to additional field information obtained during the design and construction of the 100-Year Projects and the design of the 500-Year Projects. This information indicated that the estimated cost of the Wood River Levee Systems projects would exceed the amount identified in the Wood River Levee System Reevaluation Report for Design Deficiency Corrections approved in 2011 by more than twenty percent, which required a new decision document be approved.

A new decision document required that a Risk Assessment and a Supplemental Report be completed, which takes at least twenty-four months. The amended Project Partnership Agreement for the Wood River Levee System was executed on July 26, 2019. During this time delay, the Council accumulated \$16,041,496 of Work In-Kind Credit which will be utilized on the Wood River Levee System.

In the spring of 2017, at the end of April and the beginning of May, the Metro East area experienced its second record flood event. The April/May flood event was the sixth highest elevation ever recorded, following the third highest flood event which occurred December/January 2016.

All of the Council's projects performed as designed and no problems were experienced, which reflects the design and construction management provided by Wood Environment & Infrastructure Solutions, Inc. and the performance of the Council's contractors. The April/May 2017 flood event was a good test of the improvements that had been constructed to date.

Unfortunately, the flood event delayed construction that needed to be completed, such as the East St. Louis 126 Inch Sewer Rehabilitation, the MESD clay cap project, and the four remaining relief wells in the Wood River Levee System. However, all these projects were finally completed during FY 2018.



In May 2017, the Corps of Engineers received notification of FY 2017 Work Plan Funding and FY 2018 President's Budget Funding. The Corps received FY 2017 Work Plan Funding of \$31.7 million for the Wood River Levee System and zero dollars for the MESD Levee System. Due to the Risk Assessment and Supplemental Report mentioned earlier, the Corps of Engineers only had the ability to use about fifty percent of the \$31.7 million dollars in the Wood River area on the second phase of the Wood River Deep Cutoff Wall Project..

Therefore, the Council and the Corps of Engineers' St. Louis District both requested a portion of the funds be reprogrammed to the MESD Levee System, where the Corps of Engineers had a project (Cahokia Relief Wells) designed and ready to build. Unfortunately, after waiting almost a year, the Council was informed, with the approval of the 2018 appropriations bill, new baseline and updated reprogramming limits, the request to reprogram the Wood River funds to East St. Louis would have to be updated and resubmitted.

The Corps suggested, the Council wait until the Corps was informed of FY 2018 Work Plan Funding for the MESD Levee System. Unfortunately, the the Corps didn't receive any FY 2018 Work Plan Funds. However, in November 2018 the Corps did receive \$95.2 million dollars for the MESD Levee System, eliminating the need to transfer funds from the Wood River Levee System. The Corps will spend the Wood River funds on Wood River Levee System, utilizing a Council design and also designing and constructing other Authorized Level Projects.

In June 2017, the Corps of Engineers informed the Council that it would be utilizing a Risk Informed Design Process for the East St. Louis Design Deficiency Project for the Metro East Sanitary District (MESD) Levee System. The Risk Informed Design Process determines which projects (based on vulnerability and effect) should be completed first, to achieve the most effective use of available funds. In the past the Corps looked at a system in general when accessing a risk factor, now they will be providing a risk factor for individual hazards or segments. The determination of individual project risk factors changes project priorities and design responsibilities between the Corps of Engineers and WSP.

All of these events impacted the 100-Year and 500-Year Levee System Improvements affecting certification, design and construction.

Another significant event occurred in 2019, but had no affect on certification, design, or construction. On June 8, 2019, the Mississippi River at St. Louis reached a flood elevation of 46.02 ft., the second highest elevation ever recorded. It was a 100-Year Flood event and the river remained above flood stage for a record length of time of 126 days.

All of the improvements built by the Council performed as designed without any problems. Three record flood events, in less than four years, confirmed the need for the work the Council completed for the 100-Year accreditation and will complete for the 500-Year Authorized Level.

In 2020, another significant event, the COVID-19 Pandemic, occurred and changed the way the Council met, and also lowered sales tax revenues in FY 2020 by almost two percent. Fortunately, mainly to the state of Illinois passing the "Leveling the Playing Field Act", sale tax revenue rebounded in FY 2021 with a eighteen percent increase and in FY 2022 with an additional sixteen percent increase. Receipts leveled off in FY 2023 to 3.6% and a 2.5% increase is anticipated for FY 2024.



Current design and construction for FY 2025 includes the Council 1) completing construction of MESD Bid Package #11, 2) starting construction of Prairie DuPont/Fish Lake Bid Package #15, and 3) WSP completing the design of MESD Bid Package #18A, Prairie DuPont/Fish Lake Bid Packages #16 & #17, and Wood River Bid Package #9.

The general design features of the Wood River Levee System, the Metro East Sanitary District (MESD) Levee System and the Prairie DuPont/Fish Lake Levee System Authorized Level Projects are provided in Section VI and Appendix IV of this report.

In summary, progress continues in building and financing significant improvements to the flood protection systems in the Metro-East. With the continued support of the area's leadership and cooperation from the Corps of Engineers, the Council will be able to meet any remaining challenges to completion of the Authorized Level of Protection.



Figure 2

# Project Timeline

## 2007

**August - FEMA Announce De-accreditation**

## 2008

May - Legislation Becomes Law to Enable Sales Tax and Flood Prevention Districts

July – County Flood Prevention Districts Formed by Counties

July/September – Tax Approved by County Boards

September – Counties Advance Funding for Project Development Work

## 2009

January – Tax Collection Begins

June – Intergovernmental Agreement Signed

June – First Meeting of FPD Council

July – FPD Council Staff Hired

August - FPD Council Authorizes Challenges of FIRMS

September – Financial Advisor Selected

September - Project Strategy Adopted

December – Begin Levee Inspection

December – Select Consultant for Design Competition

## 2010

February - Issue RFP for Design Competition

June – Design Consultants Selected

October – Begin Design and Pre-Construction Testing

November – 2010 Series Bonds Issued

Figure 2  
***Project Timeline***

**2011**

March – Progress Drawings Submitted  
May – 30% Design Drawings Submitted  
June – Project Implementation Plan  
September – 60% Design Drawings Submitted

**2012**

January/December – Design of 100 –Year Projects

**2013**

January/December – Design of 100-Year Projects Continues  
September – USACE Permits Approved  
September – Construction Begins

**2014**

April – Design of 100-Year Projects Completed  
August – All 100-Year Construction Contracts Awarded

**2015**

February – 500-Year Authorized Level Resolution Approved (Appendix III)  
July – Design of 500-Year Projects Begins  
August/September – USACE Proposes New Cost Saving Alternative Reducing  
Costs by \$50M and Extending Construction Schedule  
October – East St. Louis 126-Inch Sewer Rehabilitation Project Required for  
Accreditation  
December – 2015 Series Bonds for 500-Year Authorized Level Projects Issued  
December – Third Highest Flood Event on record Delays Construction

Figure 2

***Project Timeline***

**2016**

April – Council Completes Wood River Deep Cutoff Wall Project – Eligible for \$14M Work In-Kind Credit (WIK)

December – Corps Informs Council of Two-Year Delay for Wood River PPA Approval Delaying Utilization of WIK

December – Wood River East & West Forks Accreditation Package to FEMA

**2017**

March – Upper Wood River Accreditation Package to FEMA

April/May – Sixth Highest Flood Event on Record Delays Construction Again

June – Corps Informs Council of Utilization of Risk Informed Design Process in MESD Changing Priorities

July – Prairie Du Pont/Fish Lake Accreditation Package to FEMA

October – Lower Wood River Accreditation Package to FEMA

**2018**

February – Completion of 100-Year FEMA Certification Levee System Improvements

May – East St. Louis Work In-Kind Credit Receives Preliminary Approval

August – East St. Louis (MESD) Accreditation Package to FEMA

November – Corps receives \$95.2 M Work Plan Funds for East St. Louis Design Deficiency Corrections

**2019**

February – Corps gives Preliminary Approval for \$16M of Work In-Kind Credit for the Wood River Levee System

April – East St. Louis Design Deficiency Project Partnership Agreement Executed

Figure 2

***Project Timeline***

**2019**

April – FEMA accepts East St. Louis /MESD Levee System as structurally sound

May – Corps Approves \$12M of Work In-Kind Credit for East St. Louis Flood Protection Project

July – Wood River Design Deficiencies Corrections Project Partnership Agreement Executed

May/June – 100-Year Flood Event on Mississippi River, Second Highest Ever at 46.02 FT., Lasting a Record 125 Days. All 100-Year Improvements Operate as Designed

November – FEMA issues letter of continued accreditation for the Prairie Du Pont/Fish Lake Levee System

December – Award of first Authorized Level construction contract BP #18

**2020**

January – Council refunds 2010 Series Bonds saving over \$13.2 million in debt service costs

January - Award of second Authorized Level construction contract BP #14A

**2021**

March - FEMA issues letter of continued accreditation for the Wood River East & West Fork Levee System

FEMA issues letter of continued accreditation for the Lower Wood River Levee System

FEMA issues letter of continued accreditation for the Upper Wood River Levee System

**2022**

April – FEMA issues letter of continued accreditation for the East St. Louis/MESD Levee System

**Total FEMA Accreditation Achieved**

August - Award of third Authorized Level construction contract BP #11

**2023**

Authorized Level Projects Design Continues

Authorized Level Projects Construction Continues

**2024**

November – Anticipated award of fourth Authorized Level construction contract BP #15

**2025**

August - Anticipated award of fifth Authorized Level construction contract BP #18A

November – Anticipated award of sixth, seventh, and eighth Authorized Level construction contracts BP #9, BP #16, & BP #17





## IV. Financing and Budget

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Revenue from a dedicated sales tax is used to support the Council’s ongoing design and construction activities. (See Figure 3, which reflects monthly receipts for various years).

In FY 2020, COVID started in March and sales tax revenues for the fiscal year were down \$206,868.

In FY 2021, the state passed the “Leveling the Playing Field Act” and sales tax revenues increased by 18.4%, followed by an increase of 16.1% in FY 2022 and 3.6% in FY 2023.

Currently, FY 2024 sale tax revenues are projected to increase 2.5% over FY 2023.

Sales tax receipts are conservatively projected to increase by one and one-half percent in FY 2025.

The Council issued bonds for \$94,195,000 in November 2010. After setting aside funds for a debt service reserve and costs of issuance, \$87 million was available to fund construction of the FEMA Certification Levee System Improvements.

In December 2015, additional bonds were issued providing \$77.5 million in funds for the 500-Year Authorized Level of Protection Projects.

In the Fall of 2019, with interest rates at a historic low level, the Council started the process of refunding the 2010 Series Bonds. The results, completed in early 2020, exceeded projections, with the refunding providing the Council \$13.2 million dollars in debt service savings through the life of the bonds.

The following tables provide a summary of the Council’s financial situation.

Table 1 is a financial summary of the Council’s activities through September 30, 2023, prepared by Scheffel Boyle.

Table 1A is the Council’s draft FY 2025 budget.

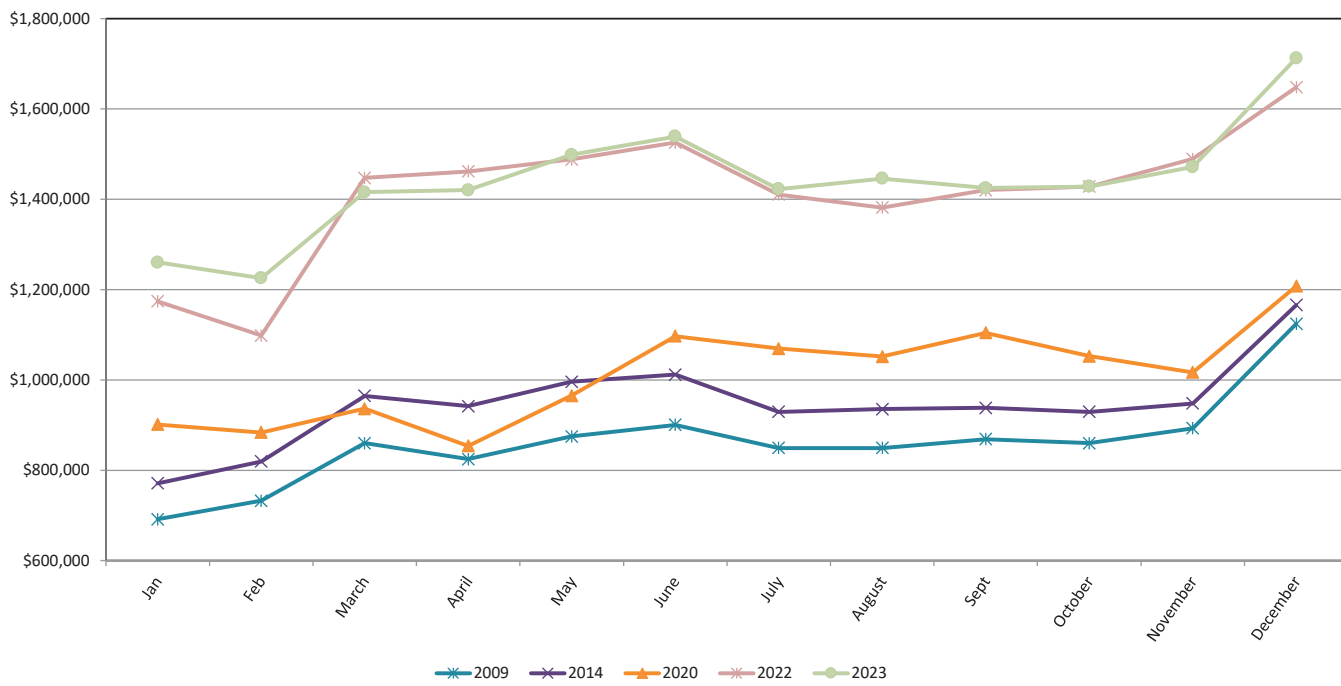
Table 2 provides additional information on the project expenditures for design, construction management, and construction.

Table 3 compares the Estimated Authorized Level Funding Needed for FY 2025 thru FY 2028, to the Estimated Available Authorized Level Funding FY 2025 thru FY 2028. As indicated, there should be sufficient funds to complete the projects by FY 2027, without the issuance of a third bond issue.

Figure 3

***Flood Prevention District Sales Tax Trends 2009-2023***

**Monthly Receipts 2009-2014-2020-2022-2023**



**Table 1**

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL  
STATEMENT OF REVENUES, EXPENDITURES. AND  
CHANGES IN FUND BALANCES - GOVERNMENTAL FUND  
FOR THE YEAR ENDED SEPTEMBER 30, 2023**

**REVENUES:**

District Sales Tax	\$ 17,212,730
Less: Return of Excess Sales Tax to Districts	(7,801,281)
Reimbursement – East St. Louis	76,890
Interest Income	<u>(1,017,040)</u>

**Total Revenues** \$ 10,505,379

**EXPENDITURES:**

Current:

General and Administrative	\$ 287,711
Design and Construction	9,578,715
Professional Services	40,888

Debt Service:

Principal	3,845,000
Interest	5,704,731

**Total Expenditures** \$ 19,457,045

**NET CHANGE IN FUND BALANCE** \$ (8,951,666)

**FUND BALANCE:**

Beginning of Year	<u>\$ 32,464,534</u>
End of Year	<u><u>\$ 23,512,868</u></u>

Table 1A

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL  
BUDGET  
OCTOBER 1, 2024 THRU SEPTEMBER 30, 2025  
DRAFT**

	ACTUAL EXPENDITURES OCTOBER 1, 2022 THRU SEPTEMBER 30, 2023	ADOPTED BUDGET OCTOBER 1, 2023 THRU SEPTEMBER 30, 2024	PROJECTED EXPENDITURES OCTOBER 1, 2023 THRU SEPTEMBER 30, 2024	PROPOSED BUDGET OCTOBER 1, 2024 THRU SEPTEMBER 30, 2025
<b>REVENUES</b>				
Sales Tax Proceeds From Districts	\$ 17,136,192	\$ 17,284,013	17,581,276	\$ 17,844,995
Interest Income	747,917	135,000	754,471	700,000
Other Contributions			-	-
Total Revenues	\$ 17,884,109	\$ 17,419,013	\$ 18,335,747	\$ 18,544,995
<b>EXPENDITURES</b>				
Design and Construction				
Engineering Design & Construction Management	4,131,454	5,567,539	2,655,133	4,959,275
Construction	3,854,465	22,492,464	7,443,607	16,358,918
USACE Authorized Level Costs	-	500,000	334,833	500,000
Total Design and Construction	7,985,919	28,560,003	10,433,573	21,818,193
Professional Services				
Legal & Legislative Consulting	13,108	175,000	85,261	175,000
Financial Advisor	11,850	65,000	17,150	65,000
Bond Trustee Fee	13,669	15,000	13,500	15,000
Total Professional Services	\$ 38,627	\$ 255,000	\$ 115,911	\$ 255,000
Refund of Surplus Funds to County FPD Accounts				
Total Refund of Surplus Funds to County	\$ 6,836,910	\$ 3,000,000	3,512,976	\$ 3,000,000
Debt Service				
Principal and Interest	9,549,731	9,623,731	9,623,731	9,707,081
Total Debt Service	\$ 9,549,731	\$ 9,623,731	\$ 9,623,731	\$ 9,707,081
Total Design & Construction Expenses	\$ 24,411,187	\$ 41,438,734	\$ 23,686,191	\$ 34,780,274
General and Administrative Costs				
Salaries, Benefits	213,657	246,000	265,032	280,000
Bank Service Charges	547	1,000	593	1,000
Equipment and Software	975	2,000	2,120	2,000
Fiscal Agency Services	36,532	40,000	38,582	42,000
Audit Services	18,500	21,000	19,950	22,000
Meeting Expenses	98	1,000	260	1,000
Postage/Delivery	344	1,000	294	1,000
Printing/Photocopies	1,775	2,000	1,884	2,000
Professional Services	1,711	12,000	5,770	12,000
Supplies	557	3,000	625	3,000
Telecommunications/Internet	3,565	3,000	2,295	3,000
Travel	202	5,000	343	5,000
Insurance	6,175	8,000	6,258	8,000
Total General & Administrative Costs	\$ 284,638	\$ 345,000	344,006	382,000
Total Expenditures	\$ 24,695,825	\$ 41,783,734	\$ 24,030,197	35,162,274
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	\$ (6,811,716)	\$ (24,364,721)	\$ (5,694,450)	\$ (16,617,279)
OTHER FINANCING SOURCES				
Proceeds From Borrowing	-	-	-	-
NET CHANGE IN FUND BALANCE	\$ (6,811,716)	\$ (24,364,721)	\$ (5,694,450)	\$ (16,617,279)

PROJECTED FUND BALANCE SEPTEMBER 30, 2024 \$63,393,037

PROJECTED FUND BALANCE SEPTEMBER 30, 2025 \$46,775,758

**Table 2**  
**Estimated Project Expenditures 10.1.2024 -9.30.2025**

<b>Design &amp; Construction Management</b>		<b>FY 2025</b>
<b>Engineering Design</b>		
<i>W. O. #1 Program Mgmt.</i>		\$180,000
<i>W. O. #3 Preconstruction Activities</i>		\$15,000
<i>W. O. #3 Flood Activities</i>		\$15,000
<b>Authorized Level Work Orders</b>		
<i>W.O. #13 Wood River Field &amp; Design BP #8, BP #9, &amp; BP #10</i>		\$451,693
<i>W.O. #14 MESD Field &amp; Design</i>		\$416,942
<i>W.O. #16 Prairie Du Pont/Fish Lake Field &amp; Design</i>		\$1,309,770
<i>W.O. #18 MESD Deep Cutoff Wall Utility/Easement Assistance</i>		\$88,280
<i>W.O. #19 Wood River LERRD's</i>		\$84,523
<i>PDP/FL LERRD'S</i>		\$50,000
<i>Illinois DNR Fees</i>		\$3,000
<b>Construction Management.</b>		
<i>W. O. #? Construction Management BP #9, BP #11, BP15 &amp; BP #18A</i>		\$2,345,067
<b>TOTAL ENGINEERING DESIGN &amp; CONSTRUCTION MGMT.</b>		<b>\$4,959,275</b>
<b>Construction</b>		
<i>Bid Package #9 - WOOD RIVER</i>		
<i>Bid Package #11 - MESD</i>		\$3,000,538
<i>Bid Package #18A- MESD</i>		
<i>Bid Package #15 - PDP/FL</i>		\$7,507,569
<i>Contingency (10% FPD Construction)</i>		\$1,050,811
<i>Utilities</i>		\$200,000
<i>Property Acquisition Authorized Level - Wood River</i>		\$200,000
<i>Property Acquisition Authorized Level - East St. Louis</i>		\$1,000,000
<i>Property Acquisition Authorized Level - Prairie Du Pont/Fish Lake</i>		\$1,000,000
<i>Wetland Mitigation</i>		\$600,000
<i>HazMat Mitigation</i>		\$1,500,000
<i>Legal</i>		\$300,000
<i>Corps of Engineers Authorized Level Costs</i>		\$500,000
<b>TOTAL CONSTRUCTION</b>		<b>\$16,858,918</b>
<b>TOTAL ENGINEERING DESIGN &amp; CONSTRUCTION</b>		<b>\$21,818,193</b>
<b>REFUND OF SURPLUS FUNDS TO COUNTY FPD ACCOUNTS</b>		<b>\$3,000,000</b>

<b>Operations &amp; Financing</b>	
<i>General &amp; Administrative</i>	\$382,000
<i>Debt Service</i>	\$9,707,081
<i>Professional Services</i>	
<i>Legal</i>	\$175,000
<i>Financial Advisor</i>	\$65,000
<i>Bond Trustee</i>	\$15,000
<b>TOTAL OPERATIONS</b>	<b>\$10,344,081</b>
<b>TOTAL EXPENSES</b>	<b>\$35,162,274</b>

**Table 3**

***Estimated Authorized Level Expenses FY 2025 to FY2028***

	<b>WITH ALL WSP 10%-20% CONTINGENCIES</b>
<i>Bid Package #11- MESD</i>	\$3,000,538
<i>Bid Package #18A- MESD</i>	\$5,500,000
<i>Bid Package # 9 - WOOD RIVER</i>	\$2,360,000
<i>Wood River WIK Cash</i>	\$3,000,000
<i>Bid Package #15 - PDP/FL</i>	\$12,800,000
<i>Bid Package #16 - PDP/FL</i>	\$12,700,000
<i>Bid Package #17 - PDP/FL</i>	\$14,800,000
<i>Engineering Design &amp; Construction Management</i>	\$10,530,201
<i>Construction Contingencies, Utilities, Property Acquisitions, Etc.</i>	\$13,016,054
<i>General &amp; Administrative and Professional Services</i>	\$2,478,000
<b>CURRENT ESTIMATED AUTHORIZED FUNDING NEEDED</b>	<b>\$80,184,793</b>

***Estimated Available Authorized Level Funding FY2025 to FY2028***

<i>Cash &amp; 2015 Bond Project Funds (9/30/2024)</i>	\$33,544,217
<i>County FPD Tax Funds (9/30/2024)</i>	\$29,468,840
<i>Additional Sales Tax Revenue After Debt Service</i>	\$33,695,552
<i>Interest</i>	\$1,345,000
<b>Available Funding</b>	<b>\$98,053,609</b>
<b>Current Estimated Balance on 9/30/2028</b>	<b>\$17,868,816</b>

## V. FEMA Certification Construction Costs

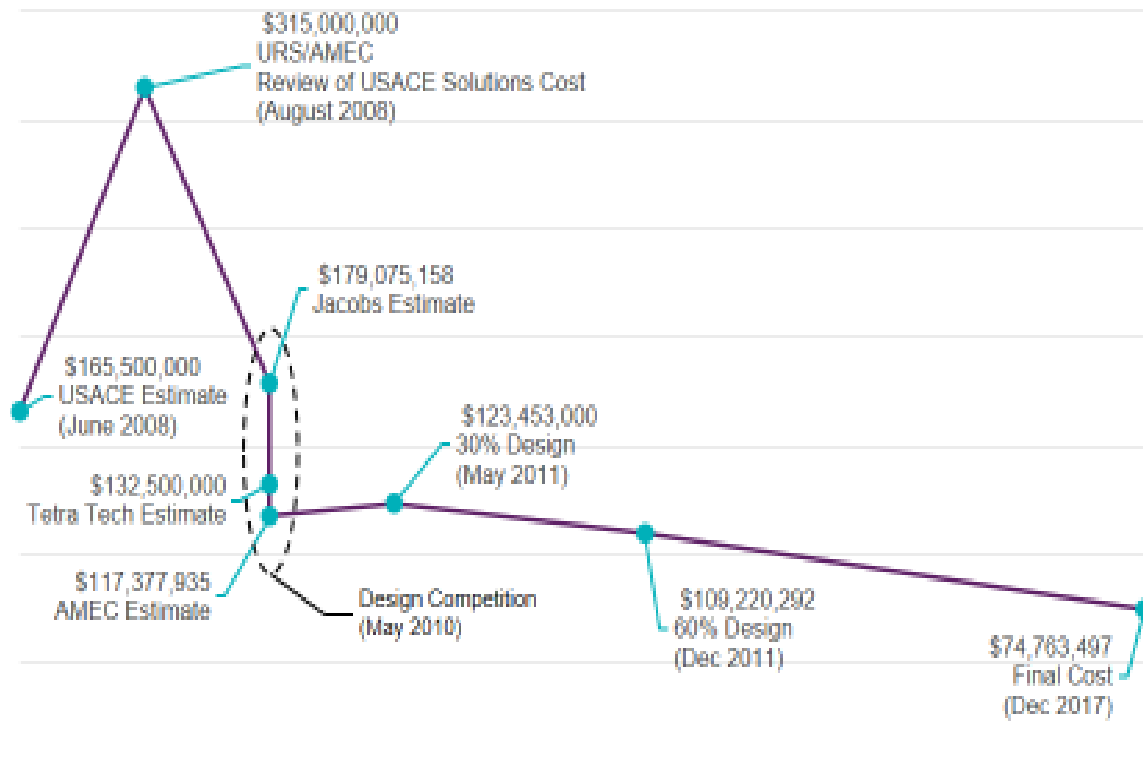
### Southwestern Illinois Flood Prevention District Council FEMA Certification Levee Improvement Projects

BID PACKAGE	LOCATION/PROJECT	CONTRACTOR	CONSTRUCTION COST
1	Gravity Drain & Toe Rehabilitation	Noeth Excavating	\$133,641.00
2A	Fish Lake 1 Pump Station	Korte & Luitjohan	\$797,599.53
2B	Prairie DuPont, MESD, and Wood River 5 Pump Stations	Korte & Luitjohan	\$5,346,710.92
2C	MESD Site 12 Force Mains	Haier Plumbing	\$311,692.00
3	Wood River Blanket Drains, Earth Fill, Relief Wells, Seepage Berms, Piping, Weirs	Keller Construction	\$12,922,903.94
4	MESD 1 Pump Station, Clay Cap, Piping, RWs	Haier Plumbing	\$6,398,834.40
5	MESD Clay Cap, Earth Fill, Piping, Relief Wells Rip Rap, Sluice Gate Rehabs	Keller Construction	\$14,420,883.71
6	Prairie DuPont & Fish Lake Clay Cap, Seepage Berms, Piping, Relief Wells, Sluice Gate Rehabs	Lane Construction	\$15,436,257.14
7A	Upper Wood River Shallow Cutoff Wall	Kamadulski Excavating	\$3,375,350.25
7B	Lower Wood River Deep Cutoff Wall	TREVIICOS	\$14,919,724.29
5A	East St. Louis 126 Inch Sewer Repair	SAK Construction	\$699,900.00
		<b>TOTAL</b>	<b>\$74,763,497.18</b>

# FEMA Certification



## History of Construction Cost Estimates



7

Exceptional design and construction management by WSP USA Environment & Infrastructure Inc. (formerly Amec Foster Wheeler Environment and Infrastructure Inc.) and excellent bids and construction by the contractors utilized has allowed the Council to complete the 100-Year Levee System Improvements underestimated costs and have significant funds available for the 500-Year Levee System Improvements.



## VI. Authorized Level Levee Improvement Projects

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The Board of Directors has approved the design of Authorized Level Projects in the Lower Wood River Levee System, the Metro East Sanitary District (MESD) Levee System, and the Prairie DuPont/Fish Lake Levee System. WSP is continuously working with the Corps of Engineers regarding the design and construction of the following Bid Packages.

### Wood River Levee System

**Bid Package 9:** When the initial plan for completing the Authorized Level Projects in the Lower Wood River Levee System was presented in June 2015, Bid Package 9 spanned from station 493+35 to 480+15 and included the design and construction of a new pump station and 18 relief wells. Some early pre-design activities were carried out by WSP under the proposed bid package number. Since the original plan in 2015, coordination among USACE and the FPD Council has resulted in the Corps completing all the improvements necessary between 493+35 and 480+15, rendering the FPD Council Bid Package number of “9” dormant/unused.

In spring 2020, as part of the FPD Council’s LERRDs work for the Corps’ Canal Road Pump Station Project and Relief Well Package No. 3, the Village of Roxanna was approached about obtaining easement for USACE-designed relief well/pump station solution to levee underseepage. Between 511+00 and 538+00. The Village of Roxanna was apprehensive about granting an easement, due to the presence of their water wells adjacent to the proposed relief wells. Throughout spring 2020 to fall of 2021, numerous meetings were held among the FPD Council, USACE, WSP, and the Wood River Drainage and Levee District. On September 17, 2021, the Village of Roxanna and the Wood River Drainage and Levee District executed an intergovernmental agreement stating that the Village would grant an easement to the Wood River Drainage and Levee District if a seepage berm and detention basin were used in lieu of the relief well/pump station. (Prior to this agreement, WSP and USACE had confirmed that a seepage berm—in lieu of relief wells—was feasible.)

On November 22, 2021, the FPD Council sent a letter to USACE requesting authorization to complete the design for the seepage berm and detention basin alternative and that future work on the seepage berm and detention basin alternative be eligible for Work-In-Kind (WIK) credit. After this report, the FPD Council (and USACE) began referring to this seepage berm and detention basin project as Bid Package 9—effectively re-defining the then dormant Bid Package number. On February 13, 2023, the Corps issued an

Engineering Determination Report (EDR) concurring that the seepage berm alternative was the “most economical means to advance the project to the required level of flood risk reduction.”

Since the 2016 Integral Determination Report (IDR) did not identify seepage berms between 511+00 and 538+00 as an aspect of work eligible for Work-In-Kind (WIK) credit for the FPD Council, a new IDR (or an amendment) is necessary before the FPD Council’s work on Bid Package 9 can be considered eligible for WIK. (The IDR is the document that defines specifically what work is eligible for WIK.) A new IDR was approved on February 13, 2024, and includes the scope of work necessary to complete Bid Package 9. Following approval of the IDR, an amendment to the Project Partnership Agreement (PPA) is now necessary, to reference the new/amended IDR. The Corps of Engineers has been in the process of amending the PPA since February 2024 and approval is expected in August 2024. The PPA is the final document needed before WSP can begin design of Bid Package 9.

Bid Package 9 is currently planned to span the Lower Wood River Levee from Station 511+00 to 538+00. This is near Canal Road and IL-111 in South Roxanna. This package is expected to include a seepage berm, detention area, and gravity drain extension.

Estimated Construction Cost \$2,360,000

**Bid Package 10:** When the initial plan for completing the Authorized Level Projects in the Lower Wood River Levee System was presented in June 2015, Bid Package 10 spanned from station 530+50 to 630+30 and included the design and construction of a new pump station, 36 relief wells, two seepage berms and some landside fill. Some early pre-design activities were carried out by WSP under the proposed bid package number. Since the original plan in 2015, coordination among USACE and the FPD Council has resulted in the Corps completing all the improvements necessary between 530+50 and 630+30 (with the recent exception of the Bid Package 9 reach of 511+00 to 538+00), rendering the FPD Council Bid Package number of “10” dormant/unused.

After a brief period wherein bid package number 10 was “revived” for a potential project to re-route Old Wood River Creek for conveyance of relief well discharge, the package is once again dormant/unused. The project to re-route Old Wood River Creek (aka Old Channel Wood River) is not going to be completed by the FPD Council and remains a part of the USACE Relief Well Package No. 2. (The package is listed here since it was listed in the prior annual report but will be eliminated from future Annual Reports.)

Estimated Construction Cost: N/A

## **Metro East Sanitary District (MESD) Levee System**

**Bid Package 18A:** This project was initially proposed to the Corps in a report dated June 14, 2022, which outlined the relief well flow monitoring work performed (and results obtained) by the FPD Council. The report evaluated field measured relief well flows during the 2019 Mississippi River flood, which was a 100-year flood, and used said data to estimate discharges at the Authorized Level flood event. The report identified the need for increased capacity at the Phillips Reach #2 Pump Station (station 1225+20) and new collection system piping, both to accommodate the Authorized Level relief well discharge estimates. The report also identified other measures of lesser concern.

On May 9, 2023, the Corps of Engineers issued a letter to the FPD Council agreeing that certain improvements outlined in the June 2022 report were necessary for the Authorized Level project. No change to the approved IDR or PPA were necessary prior to beginning design work and WIK credit will be awarded for eligible work on the Bid Package 18A project.

This package includes improvements to Phillips Reach #2 Pump Station, 6 new relief wells, replacing old wood stave wells, and relief well pipe system conveyance system improvements in Cahokia Heights, Illinois between 1207+00 and 1352+00. The scope is being coordinated with the Corps of Engineers. Construction is currently scheduled for 2025.

Estimated Construction Cost \$ 5,500,000

## **Prairie DuPont/ Fish Lake Levee System**

**Bid Packages 15:** This package spans the Prairie DuPont Levee System from station 167+65 to 299+65 and includes the abandonment of existing relief wells and the construction of new seepage berms. Design is underway and construction is anticipated to begin in early 2025.

Estimated Construction Cost \$ 12,800,000

Bid Package 16: This package spans the Prairie DuPont Levee System from station 0+00 to 550+00 and tentatively includes the abandonment of existing wells, construction of new seepage berms, new relief wells and new pumping stations. Construction is anticipated to begin at the end of 2025 or early 2026.

Estimated Construction Cost \$ 12,700,000

Bid Package 17: This package spans the Fish Levee System from station 550+00 to 691+00 and tentatively includes the abandonment of relief wells, construction of new seepage berms, new relief wells and new pumping stations. Construction is anticipated to begin early 2026.

Estimated Construction Cost \$ 14,800,000

## VII. Authorized Level Construction

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### Southwestern Illinois Flood Prevention District Council

#### Authorized Level Construction Projects Projects Completed or Under Construction

BID PACKAGE	LOCATION/PROJECT	CONTRACTOR	CONSTRUCTION COST	COMPLETION STATUS

14A	MESD Underseepage Improvements – Cutoff Trench, Riverside Blankets/Berms, Piezometers, & Placement of Fill	Keller Construction	\$950,746.86	COMPLETE
18	MESD Relief Wells, Conveyance Systems, Sluice Gates, & Modifications to Cahokia Pump Station & Pump Station Forebay	Keller Construction	\$4,763,340.84	COMPLETE
11	MESD Relief Well Construction, Abandonment & Modifications Modifications to G.C.E.D. #1X Pump Station & Madison Pump Station	Keller Construction	12,464,729.16	58.2%
		<b>TOTAL</b>	<b>\$18,178,816.86</b>	



## VIII. FEMA Certification and Mapping

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Certification reports were submitted to FEMA as each levee system was completed. Wood prepared reports for Wood River East/West Fork, Prairie DuPont/Fish Lake, and Lower Wood River.

The USACE submitted a National Flood Insurance Program (NFIP) Levee System Evaluation Reports (LSER) for the Upper Wood River Levee System, which includes the Mel Price uncontrolled underseepage area and for East St. Louis (MESD) Levee System, including the Chain of Rocks Levee.

All levee improvements leading to certification were completed by February 8, 2018.

There was concern about the timeline for the Corps of Engineers making necessary improvements to a critical stretch of levee in the Wood River area in the vicinity of the Mel Price Lock and Dam. FEMA agreed to accept the Corps' certification of that portion of the system with the Corps utilizing an Interim Operations Plan (IOP) until funding and construction of the necessary improvements was completed. The Corps of Engineers has completed the installation of all relief wells in Reach 1 & Reach 2, and the IOP has been decommissioned. The project is anticipated to be closed out in FY 2025.

### **100-Year Certification Packages Status**

#### East & West Fork Levee Systems

Originally submitted by Wood on December 5, 2016

FEMA issued a letter of continued accreditation on March 25, 2021.

#### Prairie DuPont & Fish Lake Levee Systems

Originally submitted by Wood on July 6, 2017

FEMA issued a letter of continued accreditation on November 14, 2019.

#### Lower Wood River Levee System

Originally submitted by Wood on October 17, 2017

FEMA issued a letter of continued accreditation on March 25, 2021.

#### Upper Wood River Levee System

Originally submitted by Corps of Engineers on March 10, 2017

FEMA issued a letter of continued accreditation on March 29, 2021.

East St. Louis/MESD Levee System

Corps of Engineers submitted to FEMA on August 31, 2018

FEMA issued a letter of continued accreditation on April 26, 2022.

Copies of all accreditation letters are provided in Appendix II

With improvements and accreditations being completed and received, FEMA has begun the process of issuing new maps, reflecting the completed 100-Year Level of Protection levee improvements. It is currently anticipated that FEMA will be issuing new maps later this year or in early 2025.



## IX. Work In-Kind (WIK) Credit & Lands, Easements, Rights-of-Way, Relocation, Disposal Areas (LERRDs) Credit

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The Council continues to work with the Corps of Engineers to ensure the work the Council does on the 500-Year Authorized Level of Protection Projects is eligible for Work In-Kind Credit (WIK) and Lands, Easements, Rights-of-Way, Relocation, Disposal Areas (LERRDs) Credit.

These are elaborate and multi tasked processes that can take up to three years before a project is guaranteed to be eligible for WIK or LERRDs Credit. A project is only guaranteed to be eligible if there is a properly executed Project Partnership Agreement (PPA) for the Levee System.

The Council first operated under the Memorandums of Understanding, which allowed work to be considered prior to the execution of an amended Project Partnership Agreement. The credits are only good towards the non-Federal contribution of funds for a project and will not be considered for the five percent cash requirement.

Next, an Integral Determination Report (IDR) that identified the work the Council intended to perform as In-Kind contributions in a Levee System had to be approved.

Finally, the amendments to the PPAs had to be finalized and submitted to the Corps' Mississippi Valley Division (MVD). After approval by the MVD, they were forwarded to headquarters in Washington, D.C. for approval.

On April 1, 2019, the amended Project Partnership Agreement between the Council, the Corps of Engineers, and the Metro East Sanitary District was executed. This made \$11,887,414 of work, the Council had completed, eligible for Work In-Kind Credit towards the Design Deficiency Corrections for East St. Louis, Illinois Flood Protection Project.

On July 26, 2019, the amended Project Partnership Agreement between the Council, the Corps of Engineers, and the Wood River Drainage and levee District was also executed. This made \$16,041,496 of work, the Council had completed, eligible for Work In-Kind Credit towards the Supplemental Design Deficiency Corrections for the Wood River Levee System.

The Council has submitted and received approval of \$27,985,946.76 of WIK Credit and LERRDs Credit for the Wood River Levee System. In the East St. Louis/MESD Levee System the Council has submitted and received approval of \$34,022,340.17 of WIK Credit and LERRDs Credit. Additional WIK Credit and LERRDs Credit will be submitted for both the Wood River and East St. Louis Levee Systems as work is completed.

In the Prairie DuPont/Fish Lake Levee System, the Council will operate under the Memorandum of Understanding signed in 2015 and under Section 408 authorization, which allows the Council to provide funds to the Corps of Engineers for design and construction oversight. A Project Partnership Agreement cannot be utilized, since the Corps of Engineers has determined the Prairies DuPont/Fish Lake Levee System Design Deficiency Project has a low benefit cost ratio, which prevents the Corps from obtaining funds.

The Corps of Engineers has completed a Risk Assessment Review, is trying to obtain funding for a risk informed design and continues to look for ways to improve the benefit cost ratio.

Even if a funding alternative allowing federal funding in conjunction with non-federal funding were determined, it would take years before funding would be available. Until federal funds become available, the Council will proceed with paying all project costs in the Prairie DuPont/Fish Lake Levee Systems to reduce flood risks.

The Council started the 500-Year Authorized Level design process prior to having the amended Project Partnership Agreements with the Work In-Kind Credit provision. This had a slight risk, but the risk was low, since the Council was working with the Corps and was designing and constructing projects the Corps had identified as part of the Authorized Level of Protection.

Starting the design, prior to having the Project Partnership Agreements, allowed project construction two years earlier and provided additional flood protection to the Metro-East area sooner. The first two Authorized Level Projects awarded have been completed and a third project will be completed in 2025.

The Council has satisfied the Corps' five percent cash requirement for the East St. Louis and Wood River Design Deficiency Corrections Projects. Funds continue to be budgeted for the Corps of Engineers' oversight of the Prairie Du Pont/Fish Lake design and construction, if needed.

## X. Conclusions, Issues and Next Steps

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Tremendous progress has been made in the fifteen years that the Council has been in existence towards the regional goal of maintaining an elevated level of flood protection for the American Bottom area. Doing so is a regional priority, and the Council has acted with a profound sense of urgency, commitment, and cooperation in providing major improvements to the flood protection system. That process reached two important milestones 1) in February 2018, the completion of all the 100-Year Level of Protection Projects and 2) in April 2022 total FEMA accreditation.

With the interim goal of achieving FEMA accreditations, the process of achieving the long-term goal of 500-Year Authorized Level of Protection is well on its way. The Council's intent has been expressed by resolution (Appendix III); action has been initiated by the authorization of the design of Authorized Level Projects in the Wood River Levee System, the Metro East Sanitary District (MESD) Levee System, and the Prairie DuPont/Fish Lake Levee System and a successful bond sale generating an additional \$77.5 million in construction funds.

There are a number of critical next steps as we continue to move forward:

- Continuing to work with levee districts to establish sufficient funding for ongoing maintenance of improvements, FEMA Level Improvements – WSP has prepared Life Cycle Costs for each of the Levee Systems.
- Continue to identify the most cost effective and high priority projects in the Wood River and MESD Levee Systems as the Corps of Engineers completes its Risk Assessment & Supplemental Report for Wood River and utilizes the Risk Informed Design Process for the East St. Louis Design Deficiency Project
- Prioritize the Authorized Level Projects in the Prairie Du Pont/Fish Lake Levee System
- Complete the design of the 500-Year Authorized Level of Protection Projects that can be built either by the FPD or the Corps of Engineers
- Construct as many cost effective and high priority Authorized Level of Protection Projects, which qualify for Work In-Kind Credit, as possible

Mississippi River flood stages in December 2015/January 2016 (fourth highest elevation recorded) and April/May 2017 (seventh highest elevation record) delayed construction completion and pushed accreditation back.

The May/June 100-Year flood event (the second highest event on record at 46.02 ft., and the longest flood event on record at 126 days), tested the seventy-five million dollars of flood protection improvements the Council has built. However, all improvements performed as designed and the Metro East American Bottom Levees managed the event much better than ever before.

Three record flood events, in a six-year period, confirm the need for the work the Council completed for the 100-Year accreditation and will complete for the 500-Year Authorized Level of Protection.

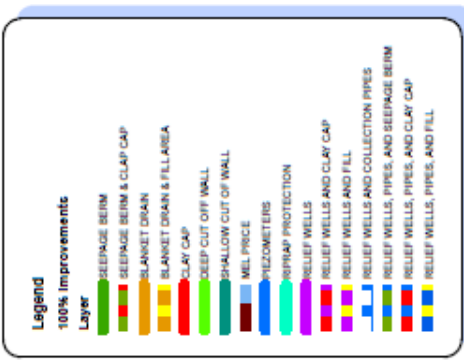
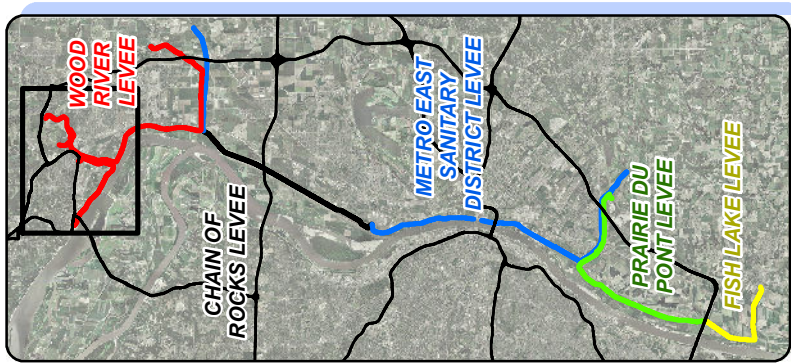
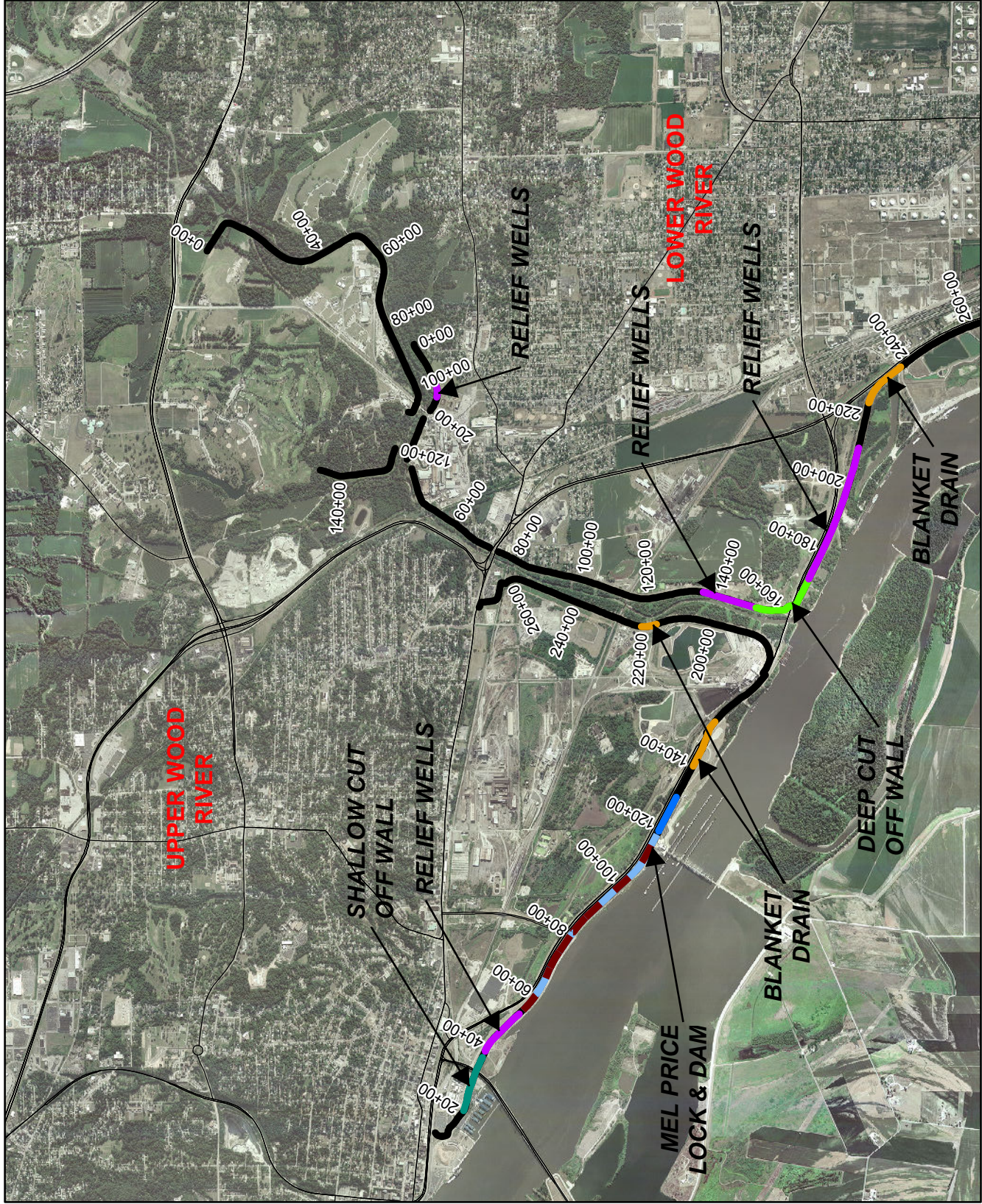
The COVID-19 Pandemic has not affected the Council's revenues as originally projected; instead, revenues are currently increasing and should allow the Council to achieve its ultimate goal of providing the Authorized Level of Protection to the Metro-East area in 2027, almost twenty years sooner than original projected.

## **Appendix I**

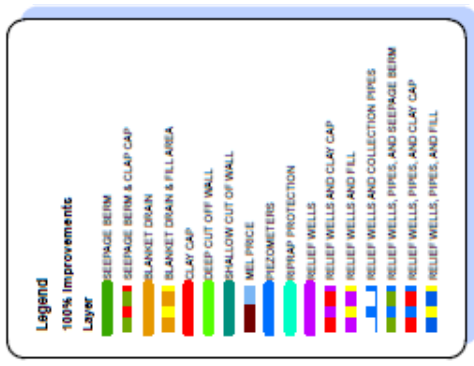
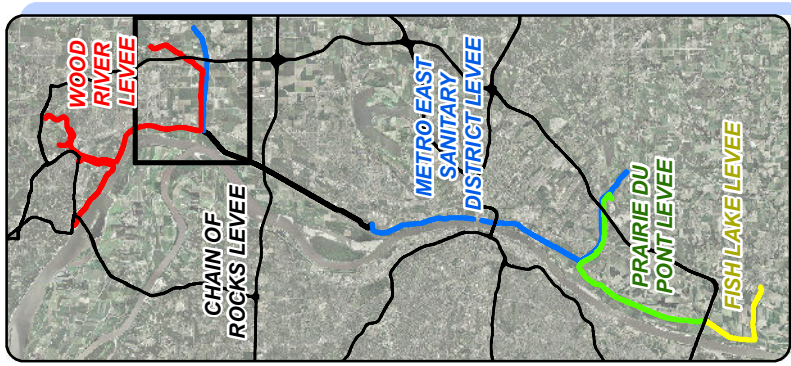
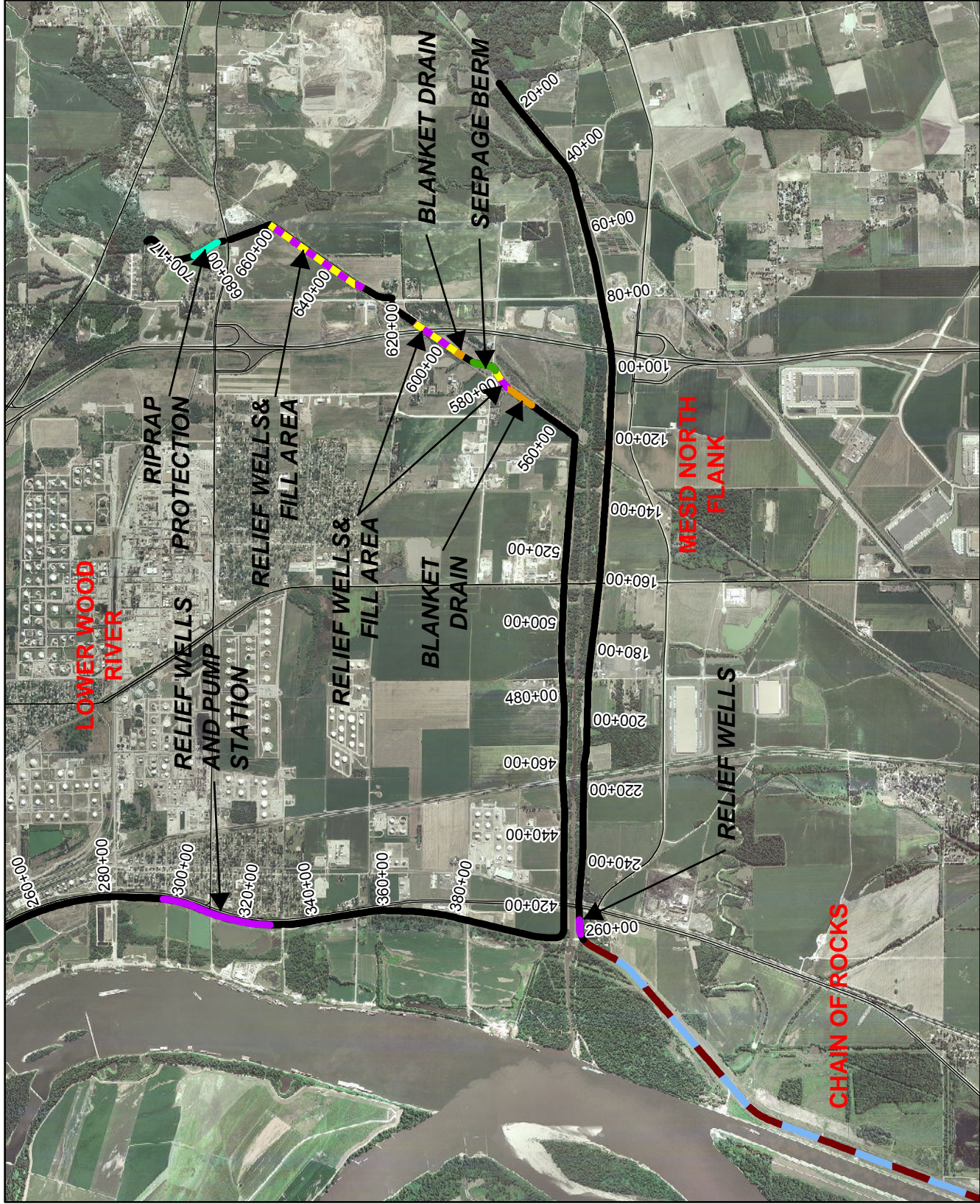
### **FEMA Certification Levee System Improvements**



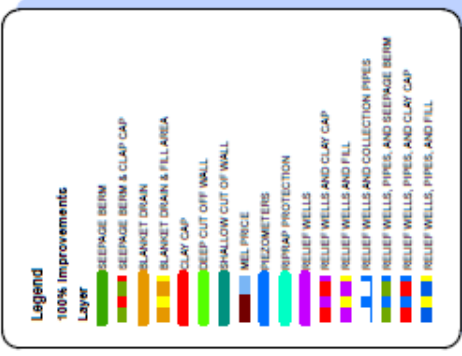
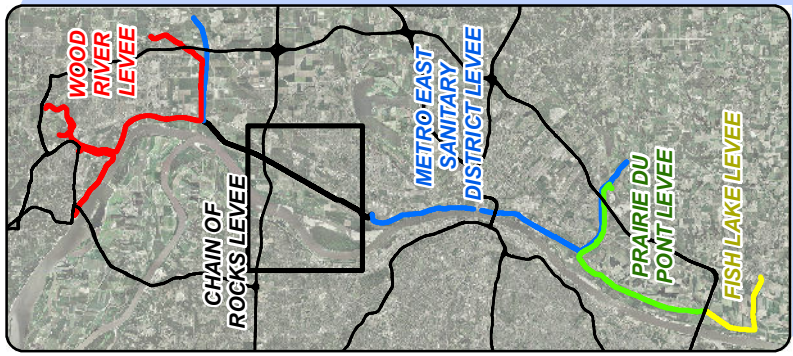
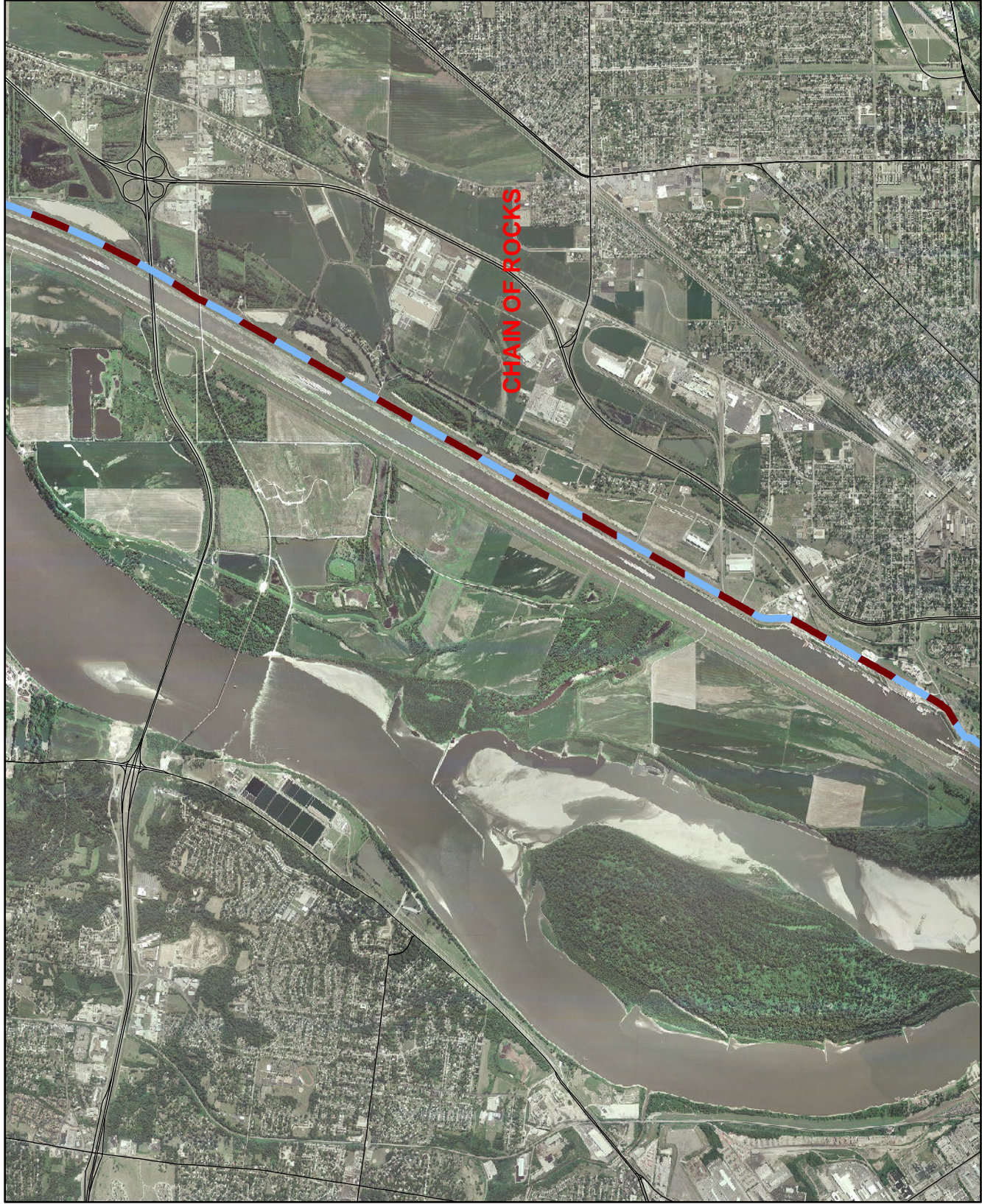




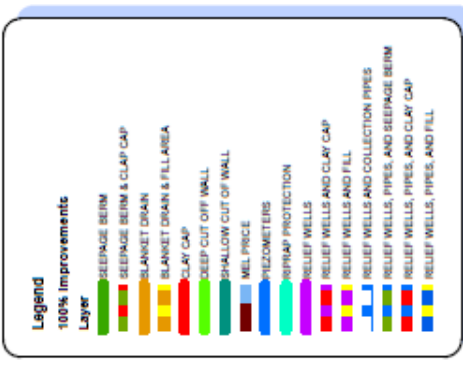
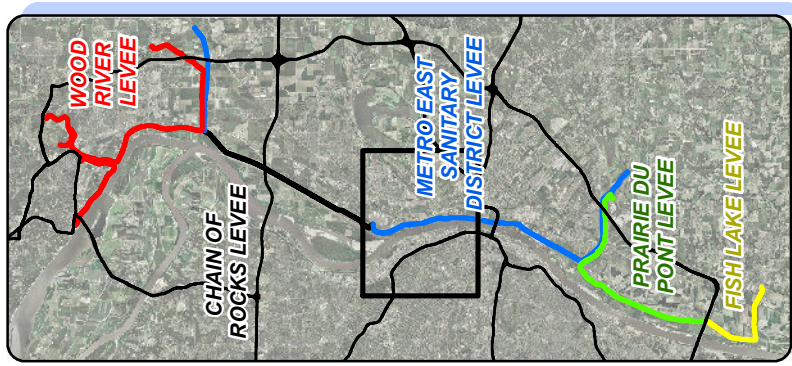
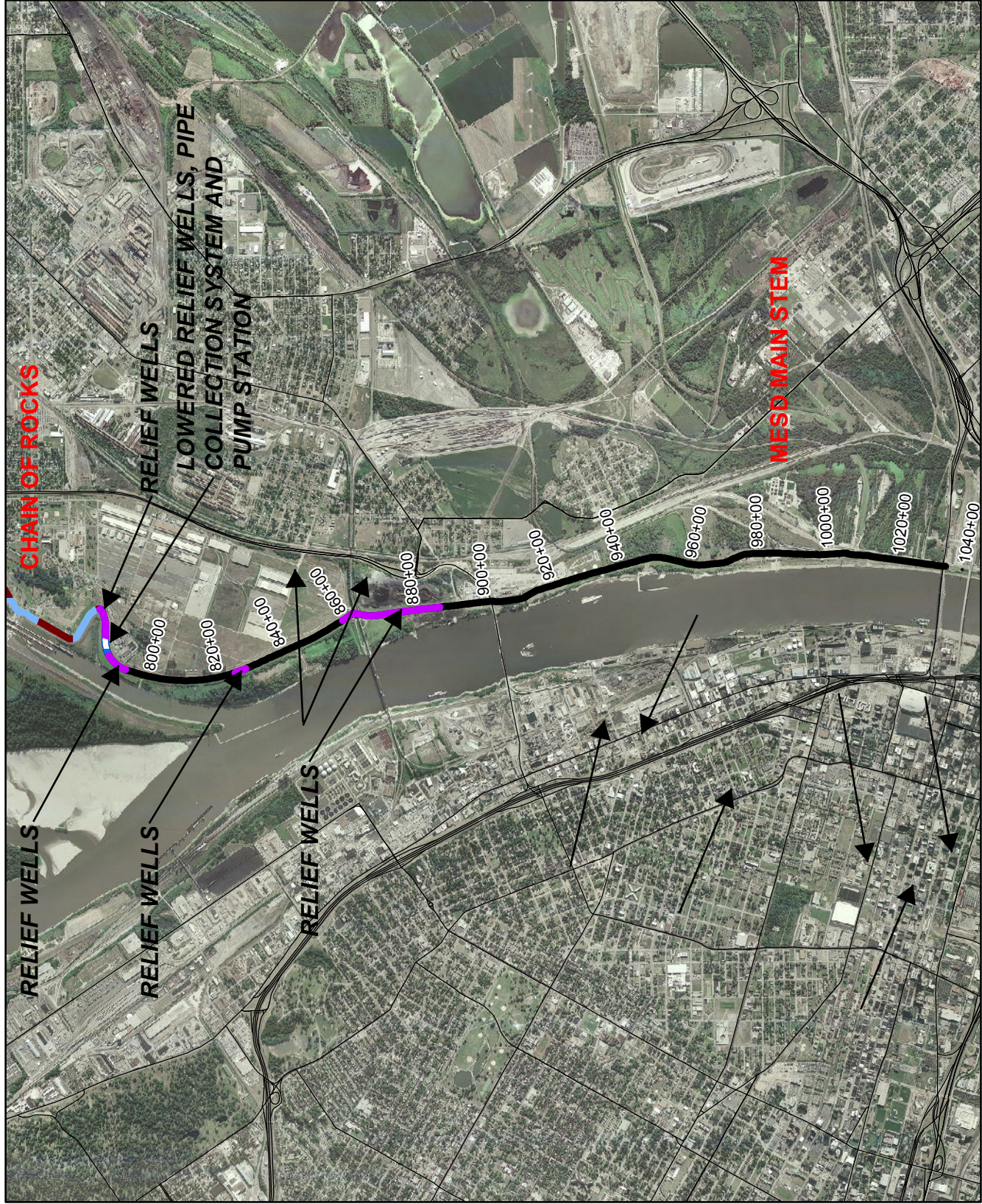




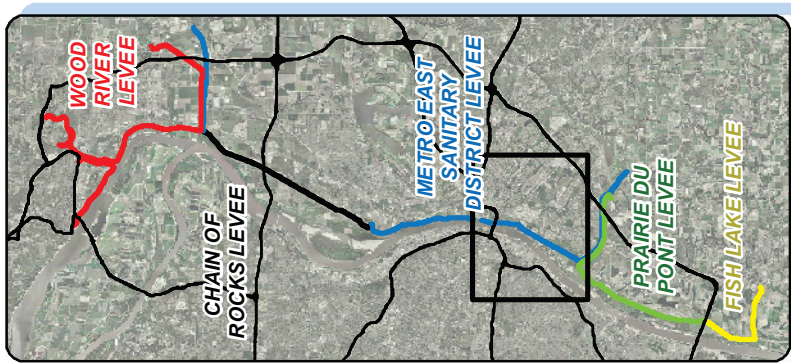
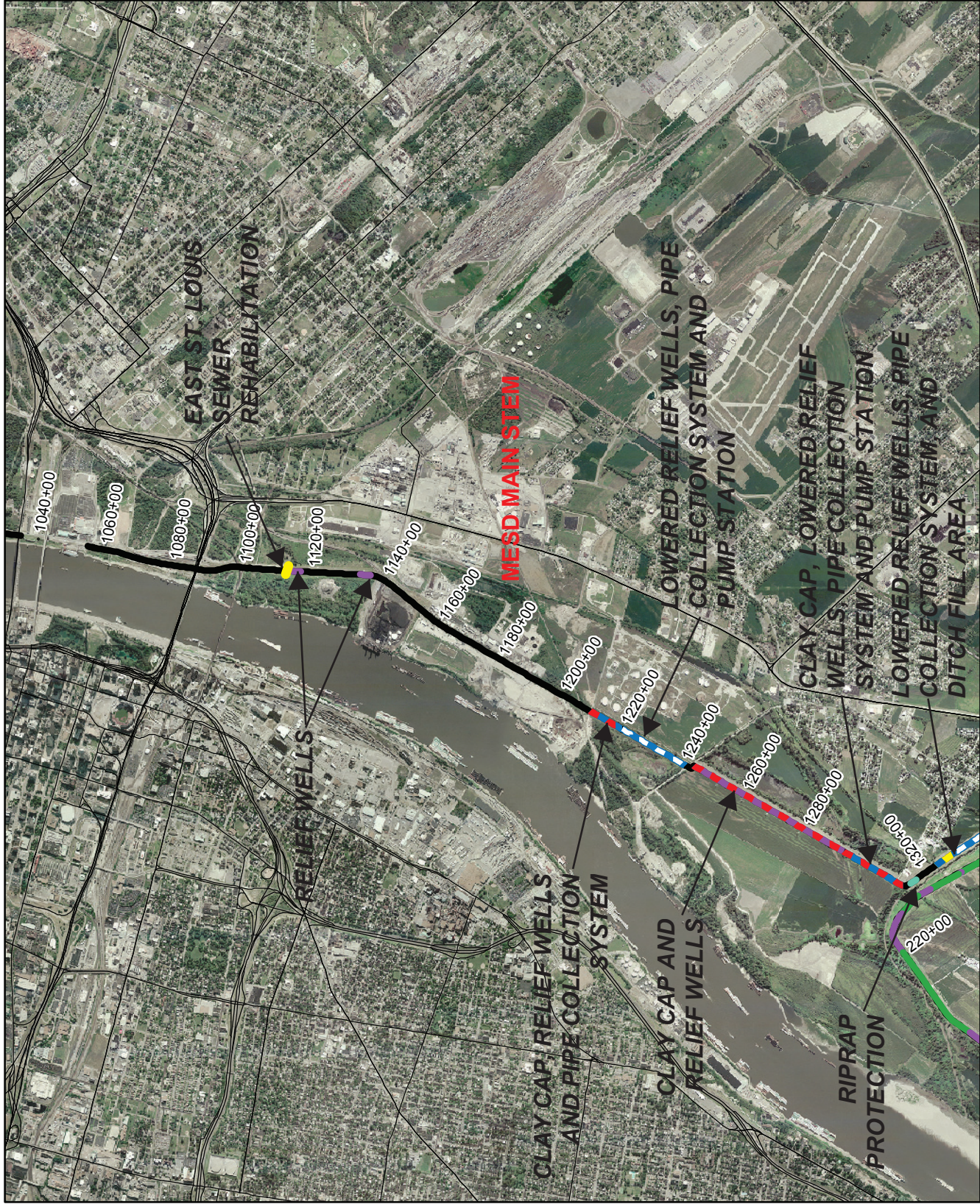




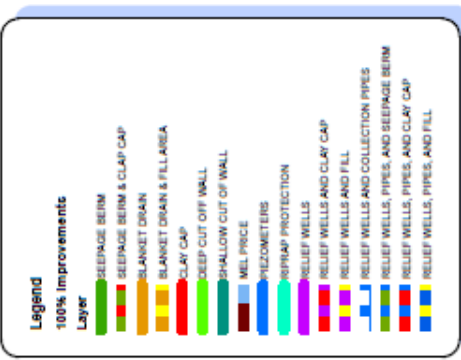
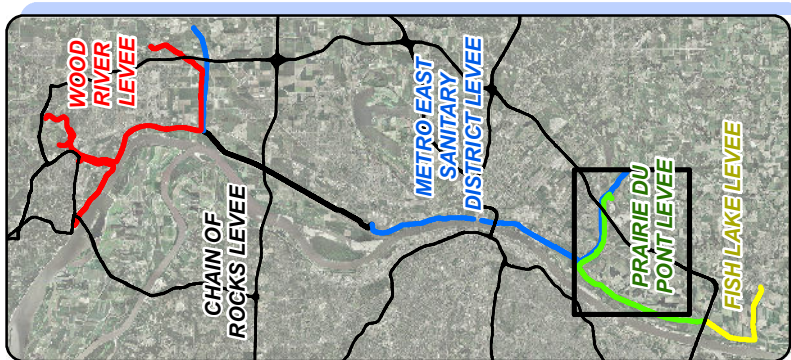
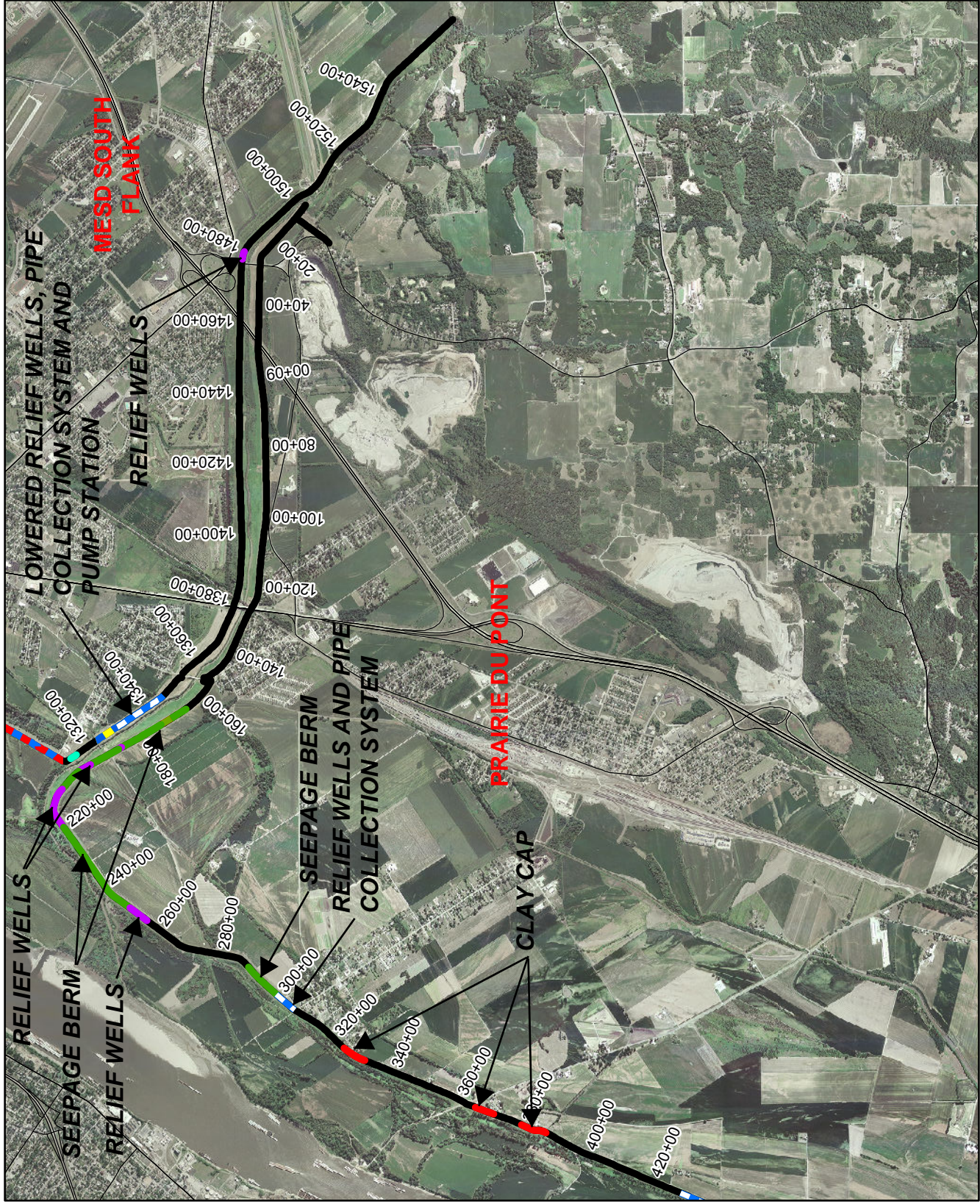




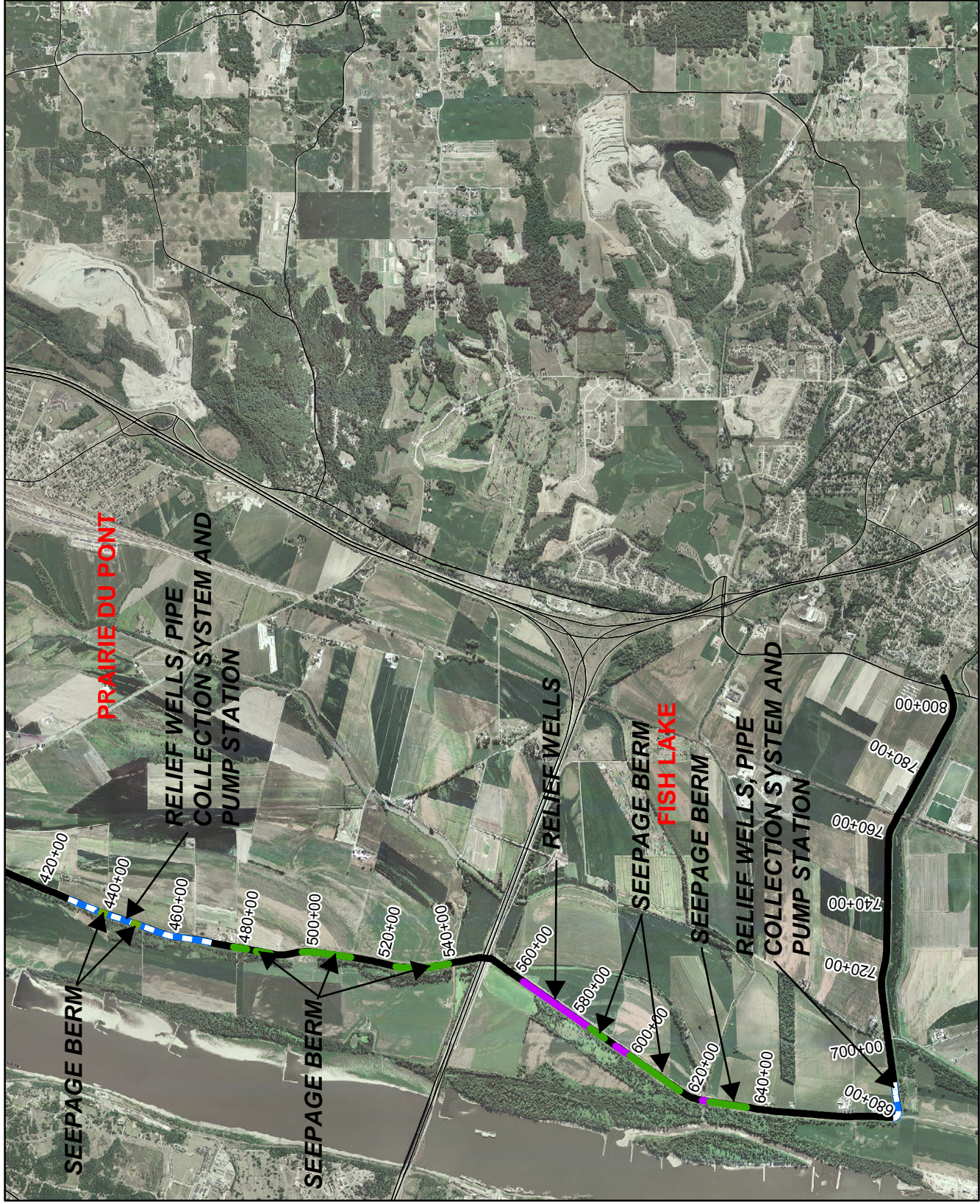
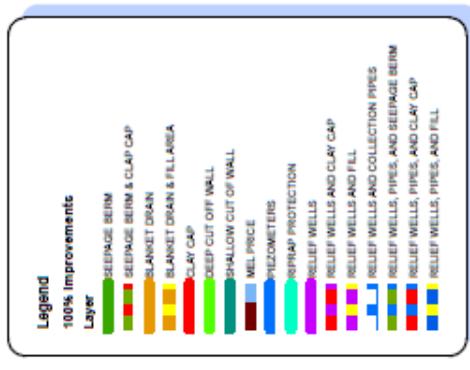
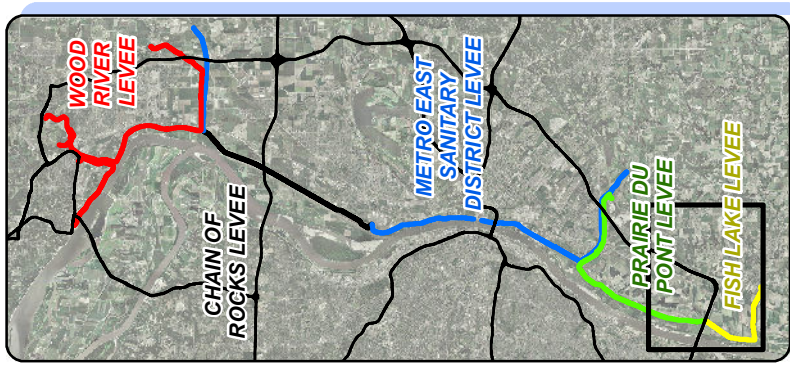
















## **Appendix II**

### **Southwestern Illinois Flood Prevention District Council**

#### **FEMA Letters of Accreditation**





U.S. Department of Homeland Security  
FEMA Region V  
536 South Clark Street, 6th Floor  
Chicago, IL 60605



**FEMA**

November 14, 2019

Michael L. Sullivan  
President, Prairie Du Pont Levee and Sanitary District  
1327 Davis St Ferry Road  
East Carondelet, IL 62240

Gary A. Stumpf  
Chief Executive Officer, Fish Lake Drainage and Levee District  
10702 Levee Road  
Columbia, IL 62236

RE: St. Clair and Monroe County, Illinois, Prairie du Pont and Fish Lake,  
Illinois Flood Protection Project Certification Documents

Dear Mr. Sullivan and Mr. Stumpf:

This letter is in reference to documents and certifications submitted to the Federal Emergency Management Agency (FEMA) by Wood Environment & Infrastructure Solutions, Inc. (Wood) to demonstrate that the Prairie du Pont and Fish Lake Flood Protection Project complies with minimum requirements of the National Flood Insurance Program (NFIP) for purposes of showing flood protection against Base (one-percent annual chance) Flood Elevations of the Mississippi River and relevant tributaries. Applicable regulations are found at Title 44 of the Code of Federal Regulations (CFR), Section 65.10 (44 CFR Section 65.10). The documents and certifications were submitted by Wood under various cover dated July 6, 2017, June 29, 2018, July 5, 2018, April 16, 2019, and July 24, 2019. This letter serves to provide notice that the submitted documentation and data have been reviewed for completeness and have been determined to meet the minimum certification criteria outlined in 44 CFR Section 65.10

Documentation and certifications from Wood per the above-referenced dates were submitted on behalf of the Prairie du Pont Levee and Sanitary District and Fish Lake Drainage and Levee District, agencies created by Illinois state law for oversight of operations and maintenance of the Prairie Du Pont Levee and Sanitary District & Fish Lake Drainage and Levee District (PDP-FL) levee system. Materials submitted by Wood substantiate that operations and maintenance plans have been adopted by the Prairie du Pont Levee and Sanitary District and Fish Lake Drainage and Levee District as required to support levee accreditation under provisions of 44 CFR Section 65.10.

These submissions, provided under the direction of the Southwestern Illinois Flood Protection District Council, were received in response to FEMA's ongoing actions to update Flood Insurance Rate Maps (FIRMs) for communities in the Counties of St. Clair and Monroe. FEMA retains the right to have conversations with the levee owner about the status of the system as an accredited levee. We also ask that you advise this office should new or updated information become available regarding loading conditions or other design or operational considerations.

While levees can help reduce the risk of flooding, it is important to remember that they do not eliminate the risk. For those living or working near levees, it is important to understand the risk, learn the facts, and be aware of steps that can be taken to reduce the risk to their families, businesses, and communities from the threat of flooding. For these reasons, FEMA encourages community leaders to continue their risk communications to help everyone understand their risk. The NFIP was created to reduce flood damages by identifying flood risks, encouraging sound community floodplain management practices, and providing flood insurance to lessen the financial impact of flood damage. Through the NFIP, property owners in participating communities are able to insure against flood losses.

The FEMA lead for this project is Ken Hinterlong. Mr. Hinterlong may be contacted by phone at (312) 408-5529, or by email at [ken.hinterlong@fema.dhs.gov](mailto:ken.hinterlong@fema.dhs.gov). Please do not hesitate to contact the Region V office if you have any questions.

Sincerely,



Mary Beth Caruso  
Director, Mitigation Division  
FEMA Region V

cc: Mr. Curtis McCall Jr., Mayor, Village of Cahokia  
Mr. Kevin Hutchinson, Mayor, City of Columbia  
Mr. Jerald Wilson, President, Village of Dupu  
Mr. Herbert Simmons, President, Village of East Carondelet  
Mr. Mike Fausz, Floodplain Coordinator, Monroe County  
Ms. Anne Markezich, NFIP Coordinator, St. Clair County  
Mr. Charles Etwert, Chief Supervisor, Southwestern Illinois Flood Prevention District Council  
Mr. Randy Cook Jr., Senior Civil Engineer, Wood Environment & Infrastructure Solutions, Inc.  
Mr. David Busse, Levee Safety Officer, Chief, Eng. and Construction Division, USACE, St. Louis District  
Ms. Rachel Lopez, Levee Safety Program Manager, USACE, St. Louis District  
Mr. Paul Osman, NFIP State Coordinator, Illinois Department of Natural Resources  
Mr. Dan Shulman, External Affairs, FEMA Region V



**FEMA**

March 25, 2021

Kevin Williams  
Executive Director, Wood River Drainage & Levee District  
543 West Madison Street  
Wood River, IL 62095

Dear Mr. Williams:

This letter is written pursuant to the compliance review performed by U.S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) of various levee certification documents received for the Wood River Flood Protection Project, East and West Fork Levee System in the Madison County, Illinois. These documents were prepared by Wood Environment & Infrastructure Solutions, Inc. (Wood) and include submissions dated December 5, 2016, June 29, 2018, and December 15, 2020.

Documents submitted to FEMA included data and certifications to support accreditation of the Wood River Flood Protection Project, East and West Fork Levee System.

FEMA performed a compliance review of all data and certifications submitted and a final Certification Submission Comments sheet is enclosed. Based on FEMA's compliance review, all applicable requirements to reflect full accreditation have been met for the Wood River Flood Protection Project, East and West Fork Levee System. In response, FEMA plans to recognize the Wood River Flood Protection Project, East and West Fork Levee System as accredited on the future *Preliminary* FIRM. The flood hazard areas landward of this system will be mapped as shaded Zone X and Special Flood Hazard Area for interior drainage areas. An updated levee system accreditation note will be placed in that area of the FIRM panel. FEMA accreditation of a levee system does not guarantee that the levee will provide flood hazard reduction to properties from flooding; therefore, FEMA has included a note on related FIRM panels that overtopping, or failure of an accredited levee system is possible.

FEMA retains the right to revise these designations upon indication of changing condition of the flood hazard or the infrastructure itself. Future map updates will require the levee system to be evaluated at such time; design, construction, operation, and/or maintenance documents may be requested at any time; and deviations from this documentation could result in the levee system no longer being mapped as accredited on a future FIRM.

It is important to note that levee systems are only designed to provide a specific level of flood risk reduction. They can be overtopped or fail in larger flood events. When levee systems do fail, the consequence of failure can be catastrophic. Also, levee systems require regular maintenance and periodic upgrades to retain their level of flood risk reduction. For these reasons, FEMA

Wood River Flood Protection Project  
East and West Fork Levee System  
March 25, 2021

encourages communities that rely on levee infrastructure to be especially proactive in making property owners aware of residual risk and steps available for mitigation.

The NFIP was created to reduce flood damages by identifying flood risks, encouraging sound community floodplain management practices, and providing flood insurance to lessen the financial impact of flood damage. Through the NFIP, property owners in participating communities are able to insure against flood losses.

The FEMA lead for this Madison County map update is John Wethington. Mr. Wethington may be contacted by phone at (312) 485-5485, or by email at [john.wethington@fema.dhs.gov](mailto:john.wethington@fema.dhs.gov). Please do not hesitate to contact the Region V office if you have any questions.

Sincerely,



Mary Beth Caruso  
Director, Mitigation Division  
FEMA Region V

Enclosure

All "cc" communications delivered by electronic correspondence.

cc: Mr. Joe Silkwood, Mayor, Village of East Alton  
Mr. Brant Walker, Mayor, City of Alton  
Mr. Gary Cranmer, Director of Building and Zoning, Village of East Alton  
Mr. Vince Warlick, Director of Building and Zoning, City of Alton  
Mr. Steve Brendel, Stormwater Coordinator, Madison County  
Mr. Charles Etwert, Chief Supervisor, Southwestern Illinois Flood Prevention District Council  
Mr. Randy Cook Jr., Senior Civil Engineer, Wood Environment & Infrastructure Solutions, Inc.  
Mr. David Busse, Levee Safety Officer, Chief, Eng. and Construction Division, USACE, St. Louis District  
Ms. Rachel Lopez, Levee Safety Program Manager, USACE, St. Louis District  
Mr. Jeremy Eck, Acting Levee Safety Program Manager, USACE, St. Louis District  
Mr. Hal Graef, Project Manager, USACE, St. Louis District  
Ms. Marilyn Sucoe, Acting NFIP State Coordinator, Illinois Department of Natural Resources  
Mr. Dan Shulman, External Affairs, FEMA Region V



**FEMA**

March 25, 2021

Kevin Williams  
Executive Director, Wood River Drainage & Levee District  
543 West Madison Street  
Wood River, IL 62095

Dear Mr. Williams:

This letter is written pursuant to the compliance review performed by U.S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) of various levee certification documents received for the Wood River Flood Protection Project, Lower Wood River Levee System in the Madison County, Illinois. These documents were prepared by Wood Environment & Infrastructure Solutions, Inc. (Wood) and include submissions dated October 17, 2017, July 13, 2018, and December 15, 2020.

Documents submitted to FEMA included data and certifications to support accreditation of the Wood River Flood Protection Project, Lower Wood River Levee System.

FEMA performed a compliance review of all data and certifications submitted and a final Certification Submission Comments sheet is enclosed. Based on FEMA's compliance review, all applicable requirements to reflect full accreditation have been met for the Wood River Flood Protection Project, Lower Wood River Levee System. In response, FEMA plans to recognize the Wood River Flood Protection Project, Lower Wood River Levee System as accredited on the future *Preliminary* FIRM. The flood hazard areas landward of this system will be mapped as shaded Zone X and Special Flood Hazard Area for interior drainage areas. An updated levee system accreditation note will be placed in that area of the FIRM panel. FEMA accreditation of a levee system does not guarantee that the levee will provide flood hazard reduction to properties from flooding; therefore, FEMA has included a note on related FIRM panels that overtopping, or failure of an accredited levee system is possible.

FEMA retains the right to revise these designations upon indication of changing condition of the flood hazard or the infrastructure itself. Future map updates will require the levee system to be evaluated at such time; design, construction, operation, and/or maintenance documents may be requested at any time; and deviations from this documentation could result in the levee system no longer being mapped as accredited on a future FIRM.

It is important to note that levee systems are only designed to provide a specific level of flood risk reduction. They can be overtopped or fail in larger flood events. When levee systems do fail, the consequence of failure can be catastrophic. Also, levee systems require regular maintenance and periodic upgrades to retain their level of flood risk reduction. For these reasons, FEMA

Wood River Flood Protection Project  
Lower Wood River Levee System  
March 25, 2021

encourages communities that rely on levee infrastructure to be especially proactive in making property owners aware of residual risk and steps available for mitigation.

The NFIP was created to reduce flood damages by identifying flood risks, encouraging sound community floodplain management practices, and providing flood insurance to lessen the financial impact of flood damage. Through the NFIP, property owners in participating communities are able to insure against flood losses.

The FEMA lead for this Madison County map update is John Wethington. Mr. Wethington may be contacted by phone at (312) 485-5485, or by email at [john.wethington@fema.dhs.gov](mailto:john.wethington@fema.dhs.gov). Please do not hesitate to contact the Region V office if you have any questions.

Sincerely,



Mary Beth Caruso  
Director, Mitigation Division  
FEMA Region V

Enclosure

All "cc" communications delivered by electronic correspondence.

cc: Ms. Cheryl Maguire, Mayor, City of Wood River  
Mr. Joe Silkwood, Mayor, Village of East Alton  
Mr. James Hickerson, Mayor, Village of Hartford  
Mr. Marty Reynolds, President, Village of Roxana  
Ms. Barbara Overton, Mayor, Village of South Roxana  
Mr. Steve Brendel, Stormwater Coordinator, Madison County  
Mr. Charles Etwert, Chief Supervisor, Southwestern Illinois Flood Prevention District Council  
Mr. Randy Cook Jr., Senior Civil Engineer, Wood Environment & Infrastructure Solutions, Inc.  
Mr. David Busse, Levee Safety Officer, Chief, Eng. and Construction Division, USACE, St. Louis District  
Ms. Rachel Lopez, Levee Safety Program Manager, USACE, St. Louis District  
Mr. Jeremy Eck, Acting Levee Safety Program Manager, USACE, St. Louis District  
Mr. Hal Graef, Project Manager, USACE, St. Louis District  
Ms. Marilyn Sucoe, Acting NFIP State Coordinator, Illinois Department of Natural Resources  
Mr. Dan Shulman, External Affairs, FEMA Region V



**FEMA**

March 29, 2021

David Busse  
Levee Safety Officer, Chief, Engineering and Construction Division  
U.S. Army Corps of Engineers, St. Louis District  
1222 Spruce Street  
St. Louis, MO 63103

RE: Wood River Flood Protection Project  
Upper Wood River Levee System  
Madison County, Illinois

Dear Mr. Busse:

This letter is written pursuant to the compliance review performed by U.S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) of the National Flood Insurance Program (NFIP) Levee System Evaluation Report (LSER) for the Wood River Flood Protection Project, Upper Levee System in the Madison County, Illinois. These documents were submitted by the St. Louis District of U.S. Army Corps of Engineers (USACE) and include submissions dated March 10, 2017 June 18, 2018, November 18, 2018, and February 9, 2021.

Documents submitted to FEMA included data and documentation to support accreditation of the Wood River Flood Protection Project, Upper Levee System.

FEMA performed a compliance review of all data and certifications submitted. Based on FEMA's compliance review, all applicable requirements to reflect full accreditation have been met for the Wood River Flood Protection Project, Upper Levee System. In response, FEMA plans to recognize the Wood River Flood Protection Project, Upper Levee System as accredited on the future *Preliminary* FIRM. The flood hazard areas landward of this system will be mapped as shaded Zone X and Special Flood Hazard Area for interior drainage areas. An updated levee system accreditation note will be placed in that area of the FIRM panel. FEMA accreditation of a levee system does not guarantee that the levee will provide flood hazard reduction to properties from flooding; therefore, FEMA has included a note on related FIRM panels that overtopping, or failure of an accredited levee system is possible.

FEMA recognizes the dedication of USACE and other levee stakeholders to address, understand, and effectively communicate the risks associated with living and working landward of the Wood River Flood Protection Project and looks forward to our continued partnership. Please be advised that if the risk associated with this levee system changes or is updated, FEMA should be notified and may update the hazard associated with this levee system.

Wood River Flood Protection Project  
Upper Levee System  
March 29, 2021

The FEMA lead for this Madison County map update is John Wethington. Mr. Wethington may be contacted by phone at (312) 408-5485, or by email at [john.wethington@fema.dhs.gov](mailto:john.wethington@fema.dhs.gov). Please do not hesitate to contact the Region V office if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "Mary Beth Caruso". The signature is fluid and cursive, with the first name "Mary" and last name "Caruso" being clearly legible.

Mary Beth Caruso  
Director, Mitigation Division  
FEMA Region V

All "cc" communications delivered by electronic correspondence.

cc: Mr. Kevin Williams, Wood River Drainage & Levee District  
Mr. Joe Silkwood, Mayor, Village of East Alton  
Mr. Brant Walker, Mayor, City of Alton  
Mr. Gary Cranmer, Director of Building and Zoning, Village of East Alton  
Mr. Vince Warlick, Director of Building and Zoning, City of Alton  
Mr. Steve Brendel, Stormwater Coordinator, Madison County  
Mr. Charles Etwert, Chief Supervisor, Southwestern Illinois Flood Prevention District Council  
Mr. David Busse, Levee Safety Officer, Chief, Eng. and Construction Division, USACE, St. Louis District  
Ms. Rachel Lopez, Levee Safety Program Manager, USACE, St. Louis District  
Mr. Jeremy Eck, Acting Levee Safety Program Manager, USACE, St. Louis District  
Mr. Hal Graef, Project Manager, USACE, St. Louis District  
Ms. Tracey Kelsey, Project Manager, USACE, St. Louis District  
Ms. Marilyn Sucoe, Acting NFIP State Coordinator, Illinois Department of Natural Resources  
Mr. Dan Shulman, External Affairs, FEMA Region V





**FEMA**

April 26, 2022

Rick Fancher  
Executive Director, Metro East Sanitary District  
1800 Edison Avenue P.O. Box 1366  
Granite City, IL 62040

Dear Mr. Fancher:

This letter is written pursuant to the compliance review performed by the U.S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) of various levee compliance documents received for the East St. Louis and Vicinity Flood Protection Project Levee System in Madison and St. Clair Counties, Illinois. The East St. Louis and Vicinity Flood Protection Project Levee System (National Levee Database System ID: 5605300001) is comprised of two segments: the Chain of Rocks East Levee segment operated and maintained by the U.S. Army Corps of Engineers (USACE), St. Louis District and the Metro East Sanitary District (MESD) segment operated and maintained by the MESD.

In April 2019, FEMA Region 5 sent a letter to the USACE, St. Louis District addressing the receipt of the Quantitative Risk Assessment and as-built plans for the East St. Louis and Vicinity Flood Protection Project Levee System submitted by the USACE, St. Louis District under 44 CFR Subsection 65.10(e). USACE recommended accreditation of the East St. Louis and Vicinity Flood Protection Project Levee System and this recommendation was accepted by FEMA.

The FEMA letter also noted that additional coordination with levee stakeholders was needed to obtain documentation to clarify 44 CFR Section 65.10(b)(6) Interior drainage and address 44 CFR Section 65.10(c) Operation plans and criteria, and 44 CFR Section 65.10(d) Maintenance plans and criteria for the East St. Louis and Vicinity Flood Protection Project Levee System.

Through additional coordination among FEMA, USACE and MESD, clarification of the interior drainage submittal was obtained during a call on December 7, 2021. MESD also submitted information to address maintenance, operation, emergency preparedness plan adoption, and certification requirements for the MESD levee segment under 44 CFR 65.10 (c) and (d) on January 14, 2022 and March 16, 2022.

FEMA performed a compliance review of all data submitted. Based on FEMA's compliance review, all applicable requirements to reflect accreditation have been met for the East St. Louis and Vicinity Flood Protection Project Levee System.

In response, FEMA plans to recognize the East St. Louis and Vicinity Flood Protection Project Levee System as accredited on the future *Preliminary* Flood Insurance Rate Map (FIRM) for Madison and St. Clair Counties, Illinois. Flood hazard areas landward of this system will be

mapped as areas of moderate flood hazard, or Zone X (shaded). Interior drainage areas will be mapped as Special Flood Hazard Area (Zone A, AO, AE, AH). An updated levee system accreditation note will be placed to designate areas of reduced flood risk due to levee on the FIRM panel(s). FEMA accreditation of a levee system does not guarantee that the levee will provide flood hazard reduction to properties from flooding; therefore, FEMA has included a note on related FIRM panels that overtopping or failure of an accredited levee system is possible.

FEMA retains the right to revise these designations upon indication of changing condition of the flood hazard or the levee infrastructure. Future map updates will require the levee system to be evaluated at such time; design, construction, operation, and/or maintenance documents may be requested at any time; and deviations from this documentation could result in the levee system no longer being mapped as accredited on a future FIRM.

It is important to note that levee systems are only designed to provide a specific level of flood risk reduction. They can be overtopped or fail in larger flood events. When levee systems do fail, the consequence of failure can be catastrophic. Also, levee systems require regular maintenance and periodic upgrades to retain their level of flood risk reduction. For these reasons, FEMA encourages communities that rely on levee infrastructure to be especially proactive in making property owners aware of residual flood risk and steps available for mitigation.

The NFIP was created to reduce flood damages by identifying flood risks, encouraging sound community floodplain management practices, and providing flood insurance to lessen the financial impact of flood damage. Through the NFIP, property owners in participating communities are able to insure against flood losses.

FEMA recognizes the dedication of MESD, USACE and other levee stakeholders to identify, communicate, and address the risks associated with living and working landward of the East St. Louis and Vicinity Flood Protection Project Levee System, and we look forward to our continued partnership. FEMA will engage with communities on next steps as *Preliminary* FIRMs are issued later this summer, and we will provide resources to better understand the relationship between levees and flood risk. The FEMA lead for the Madison and St. Clair County map updates is John Wethington. Mr. Wethington may be contacted by phone at (312) 485-5485, or by email at [john.wethington@fema.dhs.gov](mailto:john.wethington@fema.dhs.gov). Please do not hesitate to contact the Region 5 office if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "Mary Beth Caruso". The signature is fluid and cursive, with a small circle at the end of the last name.

Mary Beth Caruso  
Director, Mitigation Division  
FEMA Region 5

All “cc” communications delivered by electronic correspondence.

cc:

Mr. Curtis McCall Sr, Mayor, City of Cahokia Heights  
Mr. Mitch Bair, City Manager, City of Collinsville  
Mr. Robert Eastern III, Mayor, City of East St. Louis  
Mr. Kevin Head, City Administrator, City of Edwardsville  
Mr. Mike Parkinson, Mayor, City of Granite City  
Mr. John W. Hamm III, Mayor, City of Madison  
Mr. Tyrone Echols, Mayor, City of Venice  
Ms. Vera Glasper Banks, Mayor, Village of Brooklyn  
Mr. G.W. Scott Sr, Mayor, Village of Caseyville  
Mr. Mike Suarez, Village of Fairmont City  
Mr. Jamie Bowden, Village Administrator, Village of Glen Carbon  
Mr. Bill Robertson, Mayor, Village of Harford  
Mr. Mike Pagano, Mayor, Village of Pontoon Beach  
Mr. Richard Sauget Jr, Mayor, Village of Sauget  
Ms. Barbara Overton, Mayor, Village of South Roxana  
Mr. Leonard Moore, Village of Washington Park  
Ms. Anne Markezich, St. Clair County, NFIP Coordinator  
Mr. Steve Brendel, Madison County, NFIP Coordinator  
Mr. Charles Etwert, Chief Supervisor, Southwestern Illinois Flood Prevention District Council  
Mr. Randy Cook Jr., Senior Civil Engineer, Wood Environment & Infrastructure Solutions, Inc.  
Mr. David Busse, Levee Safety Officer, Chief, Eng. and Construction Division, USACE, St. Louis District  
Ms. Tracey Kelsey, Project Manager, USACE, St. Louis District  
Ms. Amanda Goltz, Levee Safety Program Manager, USACE, St. Louis District  
Ms. Marilyn Sucoe, Acting NFIP State Coordinator, Illinois Department of Natural Resources  
Ms. Suzanne Vermeer, FEMA Headquarters  
Mr. Dan Shulman, External Affairs, FEMA Region 5



## **Appendix III**

### **Southwestern Illinois Flood Prevention District Council**

#### **Resolution Expressing the Official Intent To Restore the Federally Authorized Level of Mississippi Flood River Protection in the Metro-East**



## **Southwestern Illinois Flood Prevention District Council**

### **RESOLUTION Expressing the Official Intent To Restore the Federally Authorized Level of Mississippi Flood River Protection in the Metro-East**

WHEREAS, the Southwestern Illinois Flood Prevention District Council has made great progress towards meeting its goal of fully protecting the Metro-East from a 100-year flood by the end of 2015; and,

WHEREAS, the threat from the Federal Emergency Management Agency to classify the area as prone to flooding will be averted, along with the terrible economic consequences of the action; and

WHEREAS, the Council has demonstrated that the most expeditious and cost-effective approach to improve flood protection over the last several years is to use local funds to undertake critical flood protection projects; and

WHEREAS, the Council cannot continue to delay needed improvements to flood protection because of the lengthy, unpredictable, and costly design and construction process conducted by the U.S. Army Corps of Engineers; and

WHEREAS, the Corps of Engineers is unwilling to comply with local workforce policies; and

WHEREAS, dramatic progress can be made when the pace and cost of construction is determined locally; and

WHEREAS, the design and construction of projects by the FPD can move ahead rapidly and at a far lower cost than by delegating this work to the Corps of Engineers; and

WHEREAS, the FPD has available funds and availability of future federal funding is unknown; and

WHEREAS, the design and construction of projects built by the FPD using local funds may be considered for future Work In-Kind Credit by the Corps of Engineers as allowed by the use of Memoranda of Understanding, the inclusion in Integral Determination Reports, and the amendment of Project Partnership Agreements; and

WHEREAS, economic growth can be expected if the authorized level of protection is being pursued; and

WHEREAS, now is the time to initiate the restoration of the federally authorized level of flood protection in the Metro-East providing the region with a higher level of flood protection, while simultaneously completing the 100-year level projects; and

WHEREAS, the long-term goal of the FPD is to fully restore the federally authorized level of flood protection (Mississippi River elevation of 54 feet on the St. Louis gauge -- also known as the 500-Year flood).

NOW, THEREFORE, It Is Hereby Resolved by the Board of Directors of the Southwestern Illinois Flood Prevention District Council that it is the intent to restore the federally authorized 500-year level of Mississippi River flood protection through the following actions:

1. *Design.* Immediately begin the design of the most critical and cost-effective projects to restore the federally authorized level of flood protection; and

2. *Funding Strategy.* Take immediate steps to implement a funding strategy with the FPD being totally responsible for the design and the construction of flood protection (authorized level) projects. This includes using current surplus funds and judicious borrowing to maximize the available funding for capital expenditures on flood protection through the year 2020 (\$94,500,000 is currently estimated to be available), building the most cost effective and highest priority projects throughout the Counties of Madison, Monroe, and St. Clair, Illinois; and


3. *Workforce Policies.* Comply with all current FPD workforce policies to ensure fair wages and working conditions for project workers, encourage the use of local workers, and avoid any work stoppages that could delay projection completion; and

4. *Levee Districts Participation.* Seek the financial participation of each Levee District to generate additional funds to supplement FPD funding and enable additional construction; and

5. *Corps of Engineers Participation.* Notify the Corps of Engineers of the FPD's strategy and request that the Corps expedite projects that are 100% federally funded, such as the emergency design deficiency correction at the Melvin Price Locks and Dam, a project-that was identified as an emergency need six years ago, but still lacks a federally sanctioned permanent design solution and any funding for construction..

If any section, paragraph or provision of this Resolution shall be held to be invalid or unenforceable for any reason, the invalidity or unenforceability of such section, paragraph or provision shall not affect any of the remaining provisions of this Resolution.

This resolution was approved February 18, 2015.

  
\_\_\_\_\_  
President, Board of Directors

  
\_\_\_\_\_  
Secretary, Board of Directors



## **Appendix IV**

### **Proposed 500-Year Authorized Level Levee System Improvements**

#### **Wood River Levee System**

#### **Metro East Sanitary District (MESD) Levee System**

#### **Prairie DuPont/Fish Lake Levee System**

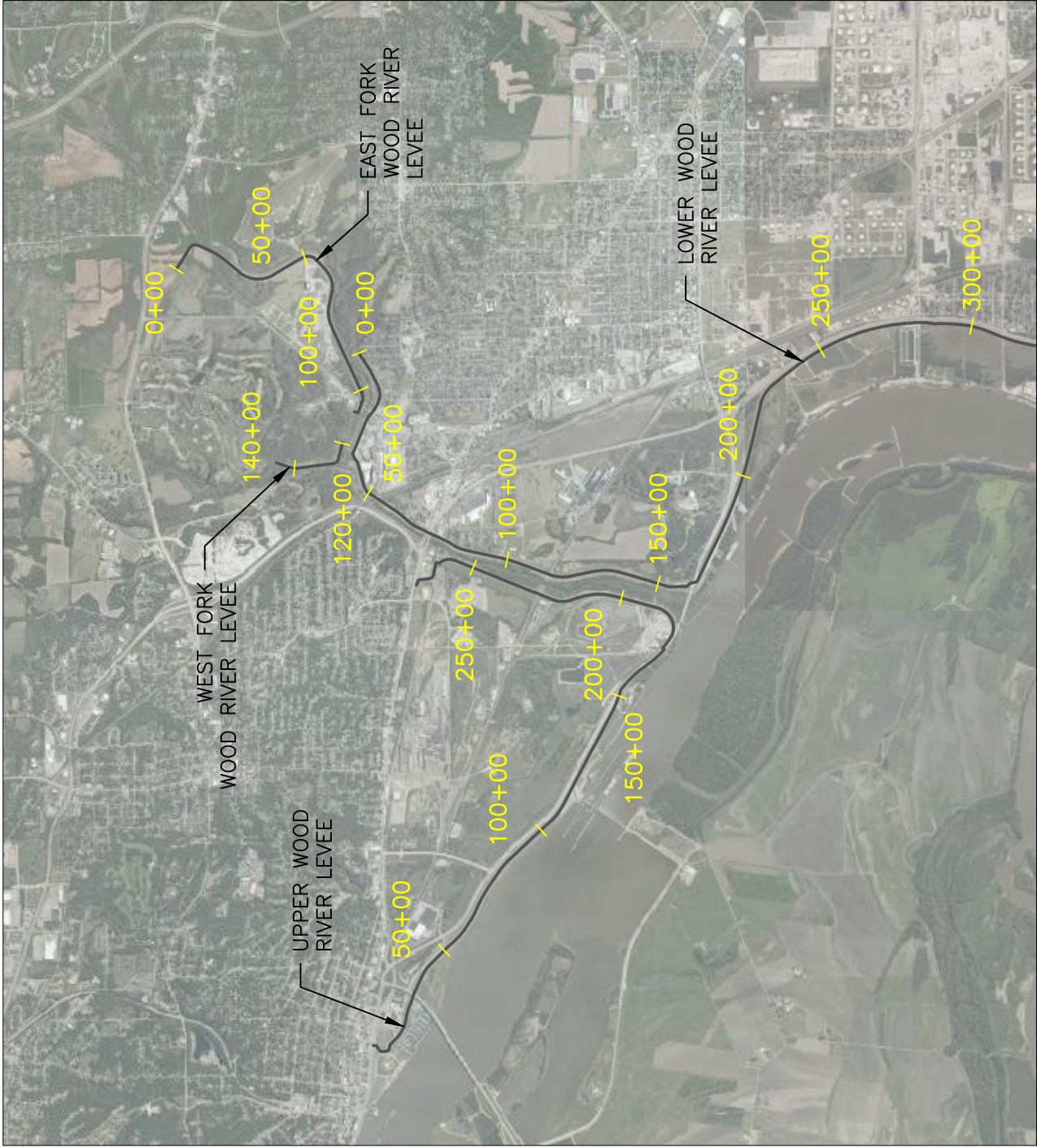


KEY MAP

LEGEND

FEATURE	LAYER
RELIEF WELLS	<span style="color: purple;">—</span>
PUMP STATION/ PUMP STATION UPGRADES	<span style="color: cyan;">□</span>
SEEPAGE BERM	<span style="color: green;">—</span>
FILL	<span style="color: orange;">—</span>
DETENTION BASIN	<span style="color: red;">—</span>
LEVEE CENTERLINE	<span style="color: black;">—</span>

SCALE	SHEET NUMBER
1"=5,000'	01
PLOT DATE	
07/24/2024	ANNUAL REPORT YEAR
2023-2024	

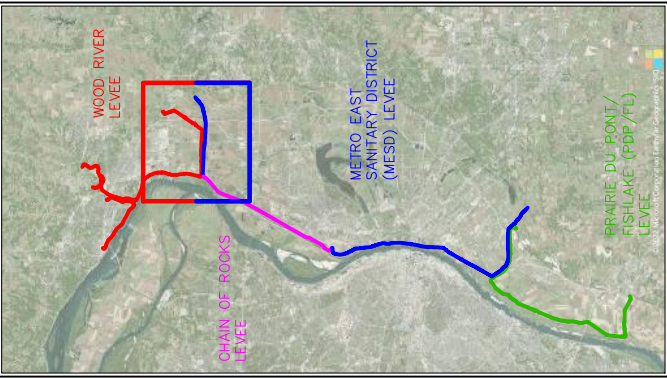


# AUTHORIZED LEVEL DESIGN WOOD RIVER LEVEE






KEY MAP

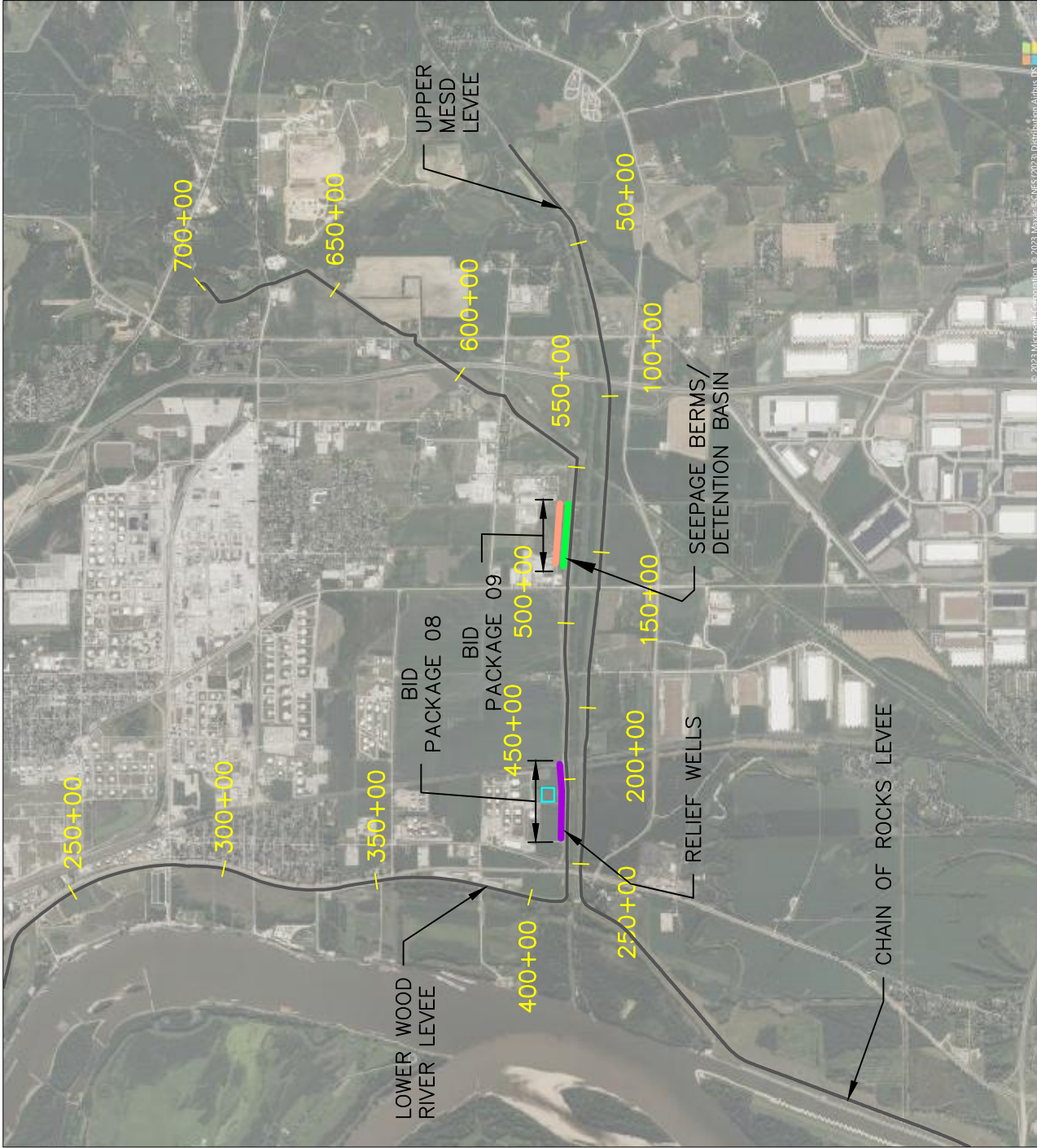


LEGEND

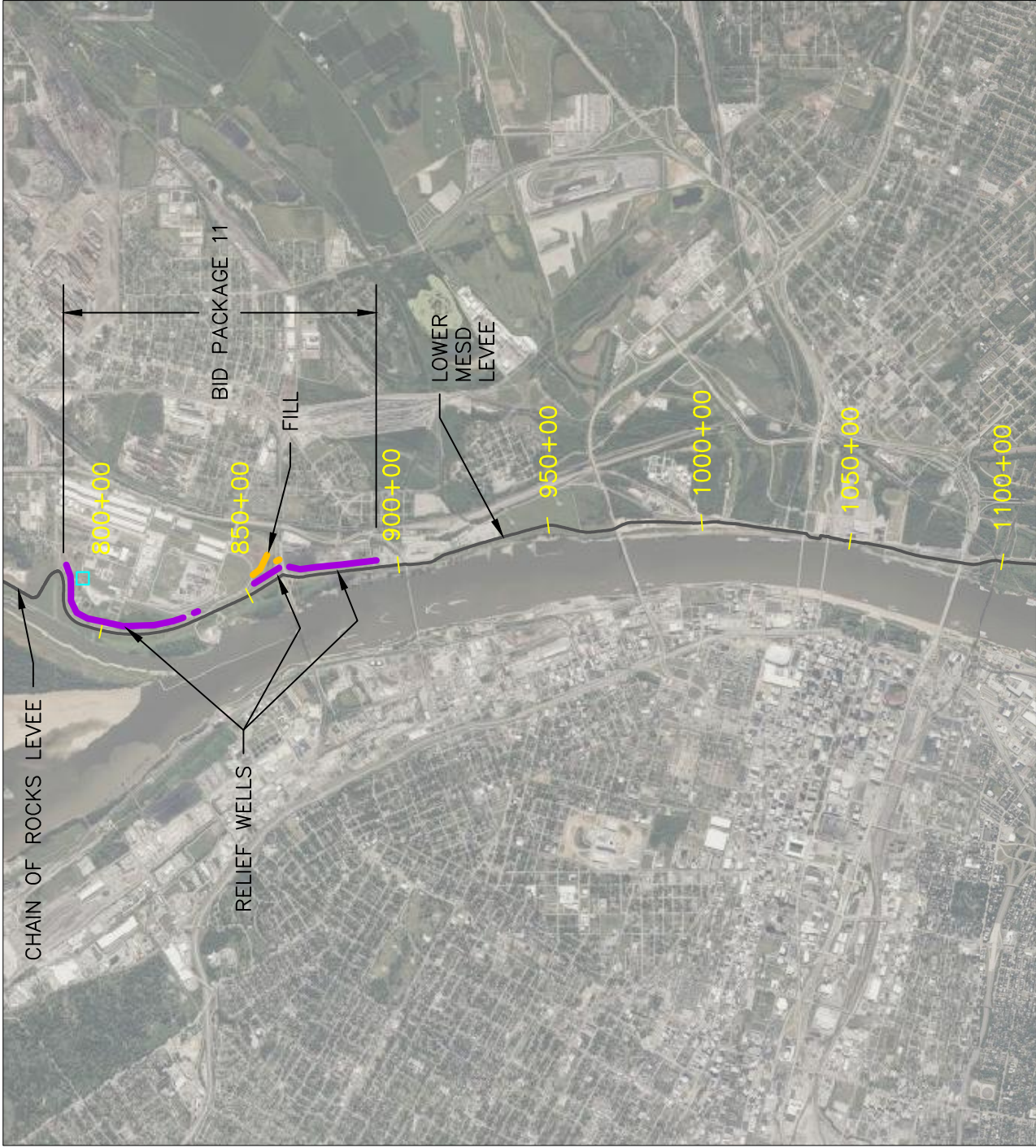
FEATURE	LAYER
RELIEF WELLS	
PUMP STATION/ PUMP STATION UPGRADES	
SEEPAGE BERM	
FILL	
DETENTION BASIN	
LEVEE CENTERLINE	



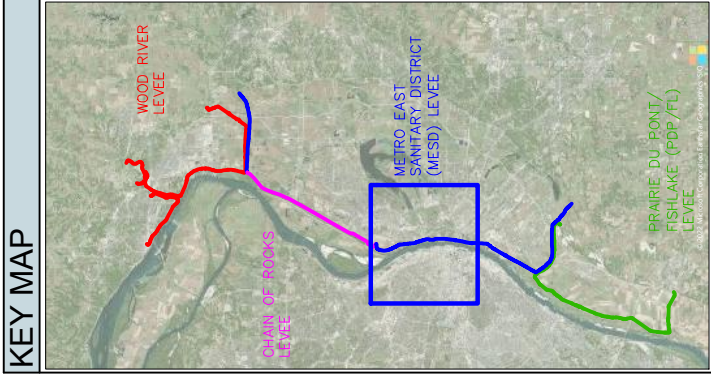
SCALE	SHEET NUMBER
1"=5,000'	02
PLOT DATE	
07/24/2024	ANNUAL REPORT YEAR
	2023-2024







# AUTHORIZED LEVEL DESIGN MESD LEVEE



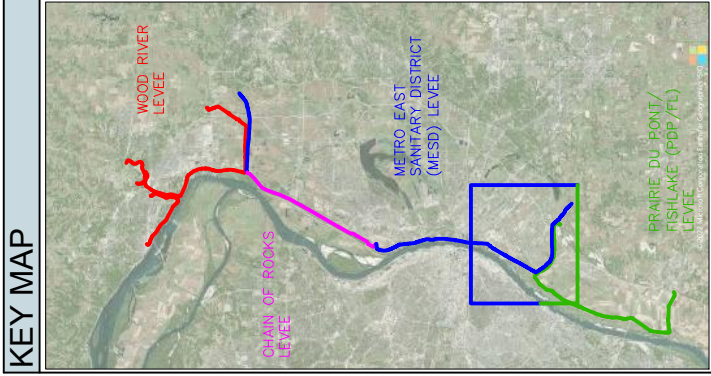
## LEGEND

FEATURE	LAYER
RELIEF WELLS	
PUMP STATION/ PUMP STATION UPGRADES	
SEEPAGE BERM	
FILL	
DETENTION BASIN	
LEVEE CENTERLINE	



SCALE	SHEET NUMBER
1"=5,000'	03
PLOT DATE	07/24/2024
ANNUAL REPORT YEAR	2023-2024





## LEGEND

### FEATURE

RELIEF WELLS

PUMP STATION/  
PUMP STATION  
UPGRADES

SEEPAGE BERM

FILL

DETENTION BASIN

LEVEE CENTERLINE

### LAYER

RELIEF WELLS

PUMP STATION/  
PUMP STATION  
UPGRADES

SEEPAGE BERM

FILL

DETENTION BASIN

LEVEE CENTERLINE



SCALE

1"=5,000'

PLOT DATE

07/24/2024

SHEET NUMBER

04

ANNUAL REPORT YEAR

2023-2024



# AUTHORIZED LEVEL DESIGN MESD LEVEE & PDP/FL LEVEE



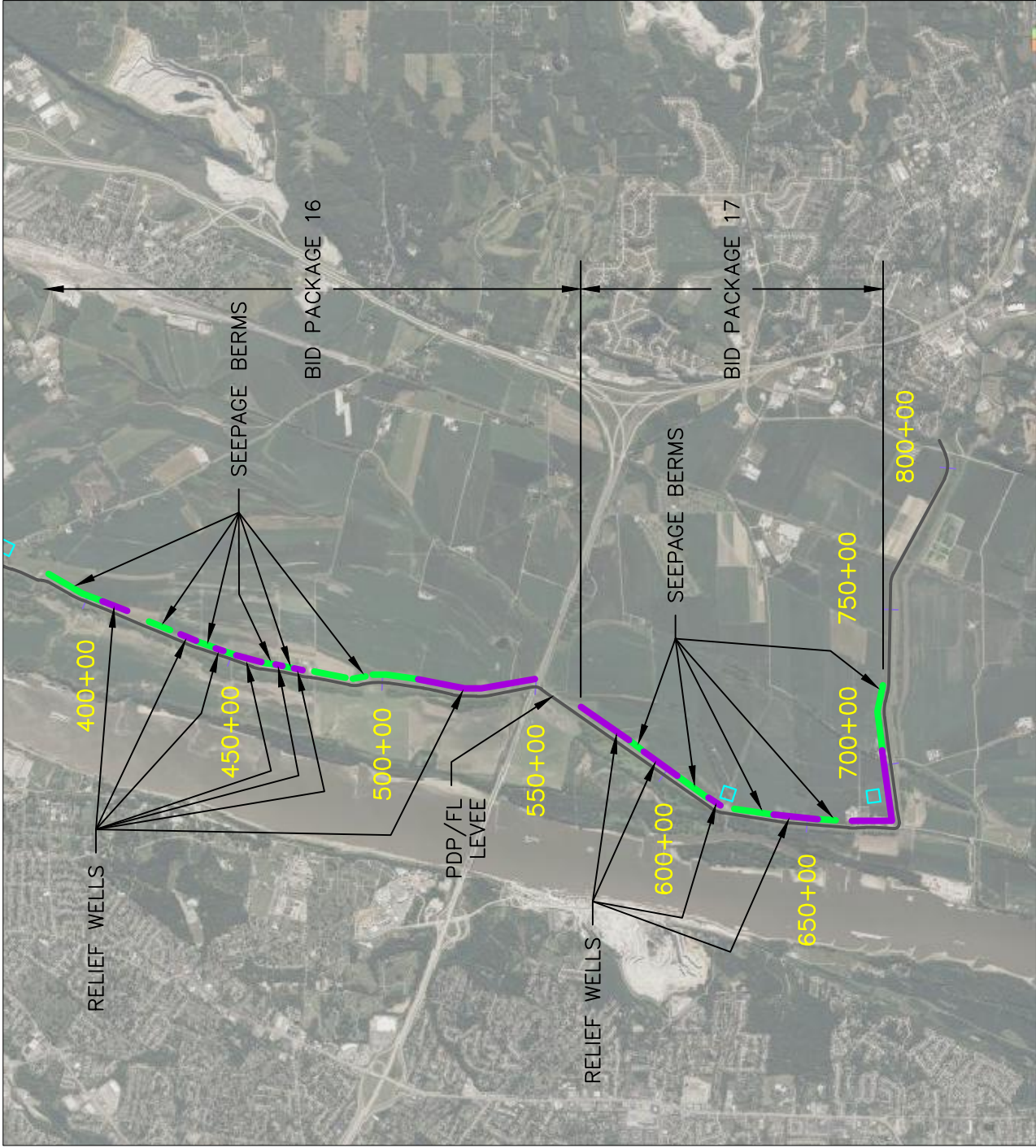


KEY MAP

LEGEND

FEATURE	LAYER
RELIEF WELLS	<span style="color: purple;">—</span>
PUMP STATION/ PUMP STATION UPGRADES	<span style="color: cyan;">□</span>
SEEPAGE BERM	<span style="color: green;">—</span>
FILL	<span style="color: orange;">—</span>
DETENTION BASIN	<span style="color: red;">—</span>
LEVEE CENTERLINE	<span style="color: black;">—</span>

SCALE	SHEET NUMBER
1"=5,000'	05
PLOT DATE	
07/24/2024	
ANNUAL REPORT YEAR	
2023-2024	



# AUTHORIZED LEVEL DESIGN

## PDP/FL LEVEE









Memo to: Board of Directors  
From: Chuck Etwert  
Subject: Corps of Engineers Update  
Date: August 19, 2024

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

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

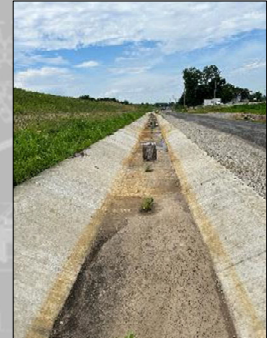


# METRO EAST LEVEE SYSTEM PROGRAM UPDATE

Hal Graef  
August 21, 2024



US Army Corps  
of Engineers®



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## MEL PRICE SEGMENT OF UPPER WOOD RIVER



Feature/Task	Description	Estimated Date	Actual Date	Notes
Reach 2 Relief Well contract	16 existing Relief Wells; 25 new Relief Wells		Awarded 8Aug22	
Payment to WRDL	Compensation to LD to offset additional O&M expenses	FY24		<ul style="list-style-type: none"> <li>• Payment pending sufficient funds following completion of all construction and mitigation work.</li> <li>▪ <b>Ongoing coordination with MVD/HQ USACE; no final version yet</b></li> </ul>
Ribbon Cutting		<b>TBD</b>		<ul style="list-style-type: none"> <li>• Venue not yet determined</li> <li>• <b>Date dependent upon transfer of funds for just compensation</b></li> </ul>
Project Close Out	All documents archived; financial close out	FY25		

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

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## WOOD RIVER



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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"> <li>• <b>Pump installed (not yet tested)</b></li> <li>• <b>Installed lightning protection</b></li> <li>• Limitorque gate actuator – delayed shipping</li> <li>• <b>Need higher river levels to complete remaining RW pump tests</b></li> </ul>
Pump Stations contract	PS #2 and #3 along Canal Rd		Awarded 28Sep22	<ul style="list-style-type: none"> <li>• <b>Pump Station No. 2 – Placed rip rap/bedding for intake channel</b></li> <li>• <b>Pump Station No. 3 – backfilling round the structure</b></li> </ul>
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"> <li>• Technical USACE work is paused pending resolution <ul style="list-style-type: none"> <li>▪ Options are to reconnect creek or Alternative Ditch (betterment)</li> <li>▪ USACE evaluating LD's request for additional RE easements</li> </ul> </li> </ul>
Relief Well #3 contract	30 Relief Wells	<b>6Sep24</b>		<ul style="list-style-type: none"> <li>• <b>Pivot from IFB to RFP</b> <ul style="list-style-type: none"> <li>▪ <b>Estimated contract award 6Sep24</b></li> </ul> </li> </ul>
Pump Station Modification contract	Mods to WR and Hawthorne PSs	Jul24		<ul style="list-style-type: none"> <li>• <b>Contract awarded 9Jul24</b> <ul style="list-style-type: none"> <li>▪ <b>NTP issued 25Jul24</b></li> </ul> </li> </ul>
Berm	Vice PS/RW at Roxana	<b>PPA Sep24</b>		<ul style="list-style-type: none"> <li>• Integral Determination Report (IDR) approved 13Feb24</li> <li>• Project Partnership Agreement Amendment No. 2 drafted <ul style="list-style-type: none"> <li>▪ <b>MVD sent to HQ on 17Jun24 for review/approval</b></li> </ul> </li> </ul>
Mitigation	For BP-8 (maybe berm)			<ul style="list-style-type: none"> <li>• Plan is to purchase credits when berm is at 65% level of design</li> </ul>
WIK				<ul style="list-style-type: none"> <li>• \$17,739,418.51 has been credited for both WIK No. 1&amp;2</li> <li>• Next WIK request expected to be for BP-8 EDC</li> </ul>
Total Project Cost	Update to TPC	<b>Update Dec24</b>	9Jan24	<ul style="list-style-type: none"> <li>• Updated TPC for current FY. \$108,078,000</li> <li>• Federal funding identified via Bipartisan Infrastructure Law</li> </ul>

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## EAST ST. LOUIS



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Feature/Task	Description	Est. Date	Actual Date	Notes
BP-12 Ph1	106 D-Type Relief Wells		Awarded 26Aug21	<ul style="list-style-type: none"> <li>• Construction substantially complete; pump testing of 36 RWs completed in May. Working on contract closeout.</li> </ul>
BP-12 Ph2	43 T-Type Relief Wells (Ph2 and Ph3)	Award: 4 <sup>th</sup> Qtr FY25		<ul style="list-style-type: none"> <li>• <b>95% design reviews ongoing</b></li> <li>• In coordination with IDOT, TRRA, Veolia, Alton-Southern</li> <li>• ROW NTP sent to MESD in November 2023</li> </ul>
BP14B	Filter Blanket	<b>Award: Sept/Oct 2024</b>		<ul style="list-style-type: none"> <li>• USACE will administer construction contract</li> <li>• <b>Solicitation package posted 25 April; access road need identified after pre-bid site visit. Delay to bid open.</b></li> <li>• WSP will be needed to address mods during construction</li> </ul>
WIK BP-11*	Relief Wells			<ul style="list-style-type: none"> <li>• USACE coordination with WSP/Keller during construction</li> </ul>
WIK BP 18A*	Phillips Reach PS Modifications			<ul style="list-style-type: none"> <li>• <b>USACE has reviewed 35% design, comments sent on 12AUG24</b></li> </ul>
WIK Credit Requests*	BP-14A and 18			<ul style="list-style-type: none"> <li>• \$12,183,767.91 has been credited for WIK No. 3-6</li> <li>• \$24,599,173.61 has been credited for all WIK to date</li> </ul>
LERRDs*	Land, Easements, ROW, Relocations and Disposal			<ul style="list-style-type: none"> <li>• <b>LERRDs Request #4 received on 02AUG24</b></li> <li>• \$1,607,516.56 has been credited for LERRDs to date</li> </ul>
Total Project Cost	Update to TPC		9Aug23	<ul style="list-style-type: none"> <li>• \$151,065,000 is current FY23 price level estimate</li> <li>• FPD estimates with construction of BP18A, BP11, and Remaining LERRDs, 35% cost share will be satisfied</li> </ul>
*Recommend WIK/LERRDs credit requests be submitted at regular intervals, vice waiting to the end of the project.				

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## PRAIRIE du PONT AND FISH LAKE



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Feature/Task	Description	Estimated Date	Actual Date	Notes
Bid Package15 coordination	Pump Station and underseepage controls	TBD		<ul style="list-style-type: none"><li>• <b>USACE anticipated initiating 95% submittal in early September, following BP-16 35% review</b><ul style="list-style-type: none"><li>▪ USACE activities include Section 408 public comment period (30 days), EA completion and final backcheck of any changes along the way</li><li>▪ USACE provided schedule considerations to WSP on 5Aug24</li></ul></li></ul>
Bid Package16 coordination	58 RWs, 11 berms, 2 PSs, conveyance, 52 RW abandonments	TBD		<ul style="list-style-type: none"><li>• Agreement executed 18 January 2024<ul style="list-style-type: none"><li>▪ FY24 funds available</li><li>▪ <b>USACE anticipates completion of 35% review on 12Sep24</b></li><li>▪ <b>Several reaches include changes from the LRR solution, which increases the review time</b></li></ul></li></ul>
Bid Package17 coordination	74 RWs, 6 berms, 2 PSs, conveyance, 47 RW abandonments	TBD		<ul style="list-style-type: none"><li>• Agreement executed 18 January 2024<ul style="list-style-type: none"><li>▪ FY24 funds available</li><li>▪ <b>Expecting designer/USACE kick-off meeting to ensure common understanding</b></li></ul></li></ul>
Environmental Assessment	Supplemental EA	TBD		<ul style="list-style-type: none"><li>• EA comments submitted to USACE on 21May are acceptable (minus resolution on the Section 106 component)<ul style="list-style-type: none"><li>▪ <b>Cultural coordination (EA) expected to be completed by end of August (barring, of course, any comment received)</b></li><li>▪ USACE activities include Section 408 public comment period (30 days), EA completion and final backcheck of any changes along the way</li></ul></li></ul>





Memo to: Board of Directors

From: Chuck Etwert

Subject: Election of Officers for 2024-2025

Date: August 19, 2024

Under the Council's bylaws, board officers (President, Vice-President, and Secretary-Treasurer) serve one-year terms, must each be from a different County Flood Prevention District and are elected at the Council's Annual Meeting held in August.

It has been the past practice of the Council to have the Chairs of the three county flood prevention districts serve as officers, with the positions rotated on an annual basis. All Board members are eligible to serve as officers.

The election of officers takes place at the end of the Council's August Board meeting.

