



**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
BOARD OF DIRECTORS MEETING
January 20, 2021 7:30 am**

The Southwestern Illinois Flood Prevention District Council Meeting
will be conducted via teleconference due to COVID-19.

1. Call to Order
John Conrad, President
 2. Approval of Minutes of November 18, 2020
 3. Public Comment on Pending Agenda Items
 4. Program Status Report
Chuck Etwert, Chief Supervisor
 5. Budget Update and Approval of Disbursements
Chuck Etwert, Chief Supervisor
 6. Design and Construction Update
Jay Martin, Wood Environment & Infrastructure Solutions, Inc.
 7. Amendments to Wood Work Orders #1, #3, #13, #14, #16, #18, #19 & #20
Chuck Etwert, Chief Supervisor
 8. Update from Corps of Engineers
Tracey Kelsey, U.S. Army Corps of Engineers
 9. Public Comment
- Executive Session – Personnel

AGENDA

10. Extension of Chief Supervisor of Construction and the Works Employment Agreement
John Conrad, President

11. Other Business

12. Adjournment

Next Meeting: March 17, 2021

MINUTES

SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL BOARD OF DIRECTORS MEETING November 18, 2020

The meeting of the Board of Directors conducted via teleconference due to the COVID-19 Pandemic was held at 7:30 a.m. on Wednesday November 18, 2020.

Members in Attendance

John Conrad, President (Chair, Monroe Flood Prevention District)
Jeremy Plank, Vice-President (Chair, Madison County Flood Prevention District)
Debra Moore, Secretary/Treasurer (Chair, St. Clair County Flood Prevention District)
Bruce Brinkman, Monroe County Flood Prevention District
Max Merz III, Madison County Flood Prevention District
Aaron Metzger, Monroe County Flood Prevention District
Alvin Parks, Jr., St. Clair County Flood Prevention District
David Schwind, Madison County Flood Prevention District

Members Absent

Isabelle Crockett, St. Clair County Flood Prevention District

Others in Attendance

Robert Elmore, Monroe County Board Chair
Chuck Etwert, SW Illinois FPD Council
Randy Cook, Wood Environment & Infrastructure Solutions, Inc.
Tim Eagleton, FM Global
Rick Fancher, MESD
Col. Kevin Golinghorst, U.S. Army Corps of Engineers
Scott Hillman, MESD
Tracey Kelsey, U.S. Army Corps of Engineers
Jay Martin, Wood Environment & Infrastructure Solutions, Inc.
Jon Omvig, Wood Environment & Infrastructure Solutions, Inc.
Thomas Schooley, MESD Attorney
Cas Sheppard, Sheppard Morgan & Schwaab, Inc.
Bryan Werner, Metro East Park & Recreation District
Kevin Williams, Wood River Drainage & Levee District

Call to order

President John Conrad noted the presence of a quorum and called the meeting to order at 7:30 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
Mr. Merz – Present
Mr. Metzger - Present
Dr. Moore – Present
Mr. Plank - Present
Mr. Schwind - Present

A quorum was present.

Approval of Minutes of September 16, 2020

Mr. Conrad asked for a motion to approve the minutes of the Board meeting held on September 16, 2020. A motion was made by Mr. Plank, seconded by Mr. Merz, to approve the minutes of the Board meeting held on September 16, 2020. Dr. Moore called the roll and the following votes were made on the motion:

Mr. Parks joined the meeting by phone.

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

The motion was approved unanimously.

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 the few changes to the status of the 100-Year Certification Packages and the Authorized Level Projects since the September meeting.

Mr. Etwert first discussed the 100-Year Certification Packages:

100-Year Certification Packages Status

For the Wood River Systems (Wood River East & West Forks, Lower Wood River, & Upper Wood River), FEMA required review and approval by the Illinois Department of Natural Resources Office of Water Resources (OWR) and the Illinois State Water Survey (ISWS).

On October 21, 2020, the Office of Water Resources issued their letter of concurrence.

On October 26, 2020 , the Illinois State Water Survey indicated they had everything they needed to issue the 316-PMR letters for the Wood River Systems and would be coordinating with FEMA Region V to make sure the 316-PMR approval letters are issued to all of the affected communities. They expect to have letters issued within the next month.

With both state agencies signing off, Wood is in the process of submitting all finalized data to FEMA this month.

Ken Hinterlong, FEMA, has indicated that accreditation letters could possibly be issued a few weeks after everything is received.

Based on our past experience with the issuance of letters by FEMA, it is hopefully anticipated accreditation letters will be issued by mid-January.

Who would have thought that it would take three years after completion of all construction to get all of the accreditations, but it has. Regardless of the accreditation letters, the Metro East Area has been protected, with all improvements functioning as designed and handling the second highest and longest flood event on record last year.

Copies of the Illinois Department of Natural Resources' letter and e-mail were provided in the agenda package.

He then discussed the 500-Year Authorized Level Status.

500-Year Authorized Level Status

MESD Levee System

The Cahokia Relief Well Project, Bid Package #18 – Underseepage Controls from 1207+00 to 1352+00 – Construction is fully underway and low river stages continue to allow for great progress.

Bid Package #14A – Underseepage Controls from 861+00 to 863+00 is nearly complete, pending a resolution with the unmarked 10-inch Ameren pipeline, which will be covered under agenda item number eight.

Bid Package #11 – Wood is working on the 95% complete design effort with submittal to USACE planned in early January. With the USACE adding fourteen relief wells and additional piping, the preliminary estimated construction cost of \$10,100,000 dollars will increase.

Prairie Du Pont/Fish Lake Levee System

Wood has begun the process of securing right of entry agreements from land owners in the area and drilling is planned in early December. Wood expects to drill approximately 30 boring this winter in the northern portion of Prairie du Pont.

A copy of Wood’s Monthly Construction Progress Report for November was provided in the agenda package.

Mr. Conrad asked for a motion to accept the Program Status Report for November 2020. A motion was made by Mr. Parks to accept the Program Status Report for November 2020. Mr. Plank seconded the motion. Dr. Moore called the roll and the following votes were made on the motion:

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

The motion was approved unanimously.

Budget Update and Approval of Disbursements

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

Mr. Etwert noted the financial statements for September and October 2020 prepared by our fiscal agent, CliftonLarsonAllen. The reports include an accounting of revenues and expenditures for the months ending September 30, 2020 and October 31, 2020, as compared to the fiscal year budget.

Accrued expenditures for the fiscal year beginning on October 1, 2019 thru September 30, 2020 were \$18,240,582 while revenues amounted to \$12,808,232 resulting in a deficit of \$5,432,350. Accrued expenditures for the current fiscal year beginning on October 1, 2020 thru October 31, 2020 are \$7,429,949 while revenues amounted to \$1,130,123 resulting in a deficit of \$6,299,826. A total of \$38,300,490 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.

Monthly sales tax receipts of \$1,069,143 for July 2020 were up 4.12% from last year. Monthly sales tax receipts of \$1,051,633 for August 2020 were up 1.24% from last year. The receipts collected were the highest ever for the months of July and August. Receipts continue to be much higher than anticipated, considering the COVID-19 situation. Receipts for the year are down 1.24% from last year.

He provided the list of bank transactions for September and October 2020. Total disbursements for September were \$541,466.66 and for October \$1,746,334.28. Largest payments were to Keller Construction, Wood, and Husch Blackwell.

Copies of all disbursements are available at the Council's office for the Board's review and anyone else who is interested.

Mr. Etwert recommended that the Board accept the budget report and disbursements for September and October 2020.

Mr. Conrad asked for a motion to accept Mr. Etwert's budget reports and disbursements for September and October 2020. A motion was made by Mr. Parks, seconded by Mr. Schwind to accept the budget reports and approve the disbursements for September and October 2020.

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

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

The motion was approved unanimously.

Design and Construction Update

Mr. Conrad called on Jay Martin, Wood Environment & Infrastructure Solutions, Inc., to provide an update report.

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

FEMA Certification Update

FEMA Submittal Summary:

	Upper Wood River	E/W Forks Wood River	Lower Wood River	MESD	PDP/FL
County	Madison	Madison	Madison	Madison & St. Clair	St. Clair & Monroe
Initial Submittal	Mar. 10, 2017	Dec. 5, 2016	Oct. 17, 2018	Aug. 31, 2018	Jul. 6, 2017
FEMA Comments	Sep. 5, 2017	Jan. 26, 2018	Apr. 20, 2018	Mar. 2019	Jan. 26, 2018
2 ND Submittal	Jun. 18, 2018	Jun. 29, 2018	Jul. 13, 2018	Mar. 18, 2019	Jun. 29, 2018
FEMA Comments	Sep. 25, 2018	Sep. 24, 2018	Sep. 24, 2018	N/A	Sep. 24, 2018
Submit to ISWS	N/A	Oct. 24, 2018	Oct. 24, 2018	N/A	Oct. 24, 2018
ISWS Comments	N/A	Feb. 18, 2019	Feb. 19, 2019	N/A	Feb. 19, 2019
Resubmit to ISWS	N/A	Jul. 31, 2019	Jul. 31, 2019	N/A	N/A
ISWS / IDNR Comments	N/A	Aug. 7, 2019	Aug. 7, 2019	N/A	N/A
Resubmit to ISWS	N/A	Nov. 19, 2019	Nov. 19, 2019	N/A	N/A
IDNR Comments	N/A	Apr 14, 2020	Apr 14, 2020	N/A	N/A
Resubmit to IDNR	N/A	Apr 24, 2020	Apr 24, 2020	N/A	N/A
3 rd Submittal	Pending	Pending	Pending	N/A	Apr. 16, 2019
FEMA Comments				Apr. 29, 2019	Jul. 15, 2019
4 th Submittal					Jul. 24, 2019
FEMA Approval					Nov. 14, 2019

Authorized Level (~500-Year) Design

Wood River (Bid Packages 8, 9, and 10)

- Bid Package 8

Design is complete

USACE plans to bid this project in USACE FY2021

USACE has requested FPD Council CM support (WIK)

- Bid Packages 9 & 10

Because cost share requirements will have been met, these packages are not anticipated to be designed/constructed by FPD Council at this time.

MESD (Bid Packages 11, 12, 14A, 14B & 18 & 18A)

- Bid Package 11

Currently being designed

Working on 95% design, submittal in January 2021

- Bid Packages 12

Being Designed/Constructed by USACE

- Bid Package 14A

In Construction

- Bid Package 14B

Filter Blanket under I-70 Bridge

Construction Postponed until USACE MESD Deep Cutoff Wall Project is complete (~2 + years)

ROW Acquisition from Terminal Railroad Association (TRRA) is underway

- Bid Package 18

In Construction

- Bid Package 18A

Pump Station Work in Cahokia, IL

Scope is being developed and will be coordinated with USACE

Prairie Du Pont & Fish Lake (Bid Packages 15, 16, 17)

- Still working with USACE to validate solutions
- 100% FPD Council funded design and construction (No Federal match)
- USACE Risk Review is complete
- **Working on Drilling Plans to begin drilling in December 2020.**

Construction Update

- Bid Package 14A

Construction is nearly complete

- Bid Package 18

40 of 50 relief wells are complete

Cahokia Pump Station forebay work is almost complete

Pipe/Manhole work is underway

Lastly, he provided photographs of the BP #18 Cahokia Forebay Concrete Work, Placement of the First Box Culvert Section, Box Culvert, and the Box Culvert in Cahokia Forebay.

BP18: Cahokia Forebay Concrete Work



BP18: Placement of First Box Culvert Section



BP18: Box Culvert



BP18: Box Culvert in Cahokia Forebay



Mr. Conrad asked for a motion to accept Mr. Martin’s Design and Construction Update report. A motion was made by Mr. Merz with a second by Mr. Parks, to accept the Wood Environment & Infrastructure Solutions, Inc. Design and Construction Update report.

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

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

The motion was approved unanimously.

Bid Package #18 Change Order #3

Mr. Conrad asked Mr. Cook, Wood Environment & Infrastructure Solutions, Inc., to explain this item.

Mr. Cook indicated per the Board’s policy, the following change order required Board approval.

Bid Package 18 Change Order #3 – Box Culvert Joint Sealants/Reduction of Piezometers - (\$97,883.84)

- 9
- A. **Box Culvert Joint Sealants:** The installation of the 10’ x 10’ precast, reinforced concrete box culvert required additional waterproofing measures at each joint. After the culvert was constructed, Wood construction inspectors observed daylight through several joints that were installed to project specifications. A field change was agreed to among USACE, Keller Construction, and Wood to apply waterproofing products to both the inside and outside of each joint along the box culvert to minimize the potential for water and soil to infiltrate into the culvert from the surrounding soil. This measure required approximately 24 hours of additional dewatering, on a Saturday, in order to complete the work in a timely fashion.

Joint waterproofing labor & materials	\$4,007.32
Dewatering labor & materials	\$10,608.84
Sub-Total:	\$14,616.16

B. **Reduction of Piezometers:** 13 new piezometers were approved as part of Change Order No. 2 by the Board at the August meeting. Since the FPD Council's approval, the USACE has determined that not all of the 13 piezometers are eligible for Work-In-Kind credit; only 4 are. Wood and USACE have discussed this matter at length, but the decision is to install only 4 piezometers as part of Bid Package 18; therefore, a credit for 9 of the piezometers is included here, at the same unit price which they were approved in Change Order No. 2.

Piezometer, each: \$12,500.00
Sub-Total: (\$112,500.00)

C. **Contract time extension:** The lead time for the check valve approved as part of Change Order No. 2 is approximately 10 - 12 weeks. After the FPD Council approved the change, the product went through the submittal review and approval by both Wood and USACE; therefore, the contractor has only just recently ordered the product and it is not scheduled to arrive until late January 2021. The check valve will only take one day to install and does not hinder the completion of any other work. All other work is on schedule to be substantially complete by the current contract completion date of December 16, 2020; however, due to the lead time of this product from the factory, the contract completion date is being extended by 51 calendar days from December 16, 2020 to February 5, 2021.

Mr. Cook requested the Chief Supervisor be authorized to approve Bid Package 18 Change Order #3 – Box Culvert Joint Sealants/Reduction of Piezometers, which provides a reduction of \$97,883.84 and a contract completion extension to February 5, 2021 to the contract with Keller Construction.

Mr. Conrad asked for a motion to approve Bid Package 18 Change Order #3 – Box Culvert Joint Sealants/Reduction of Piezometers, which provides a reduction of \$97,883.84 and a contract completion extension to February 5, 2021 to the contract with Keller Construction.

A motion was made by Mr. Parks, with a second by Mr. Plank to approve Bid Package 18 Change Order #3 – Box Culvert Joint Sealants/Reduction of Piezometers, which provides a reduction of \$97,883.84 and a contract completion extension to February 5, 2021 to the contract with Keller Construction.

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

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

Mr. Metzger - Aye
Dr. Moore – Aye
Mr. Parks – Aye
Mr. Plank – Aye
Mr. Schwind – Aye

The motion was approved unanimously.

Bid Package #14A Change Order #1

Mr. Conrad asked Mr. Cook, Wood Environment & Infrastructure Solutions, Inc., to explain this item.

Mr. Cook indicated per the Board’s policy, the following change order required Board approval.

Bid Package 14A Change Order 1 – Ameren 10-Inch Pipeline - \$56,869.66

- A. Ameren 10-inch Pipeline:** On September 16, 2020, during construction of the south cutoff trench, Keller Construction found an unmarked and otherwise unknown pipeline. After weeks of searching and coordination with several pipeline companies Ameren has claimed ownership. The pipeline was installed in approximately 1926 and abandoned in the 1950s and has not been marked or shown on any maps or pipeline databases since. After the pipeline was found by Keller, Wood was able to search through old levee district files and find some documentation from the 1950s indicating Ameren’s ownership. It does not get marked when calling in 811 “JULIE” locates and Ameren was completely unaware of the pipeline until it was brought to their attention. As of this date, Ameren has still not given Keller permission to cut it out of the trench; therefore, it will cost \$56,869.66 to work around the pipeline and install flowable fill (concrete) around the pipeline to protect it. If Ameren gives permission to cut it out prior to Keller performing the flowable fill work, the cost for Keller’s lost time is substantially less. As of this date there are two paths forward, but we have waited over 7 weeks for Ameren to work through the matter with us but will need to execute our contingency plan of placing the flowable fill around the pipe if Ameren does not give permission very soon.
Cost: Up to \$56,869.66.

Mr. Cook requested the Chief Supervisor be authorized to approve Bid Package 14A Change Order 1 – Ameren 10-Inch Pipeline in an amount up to \$56,869.66 with Keller Construction.

Mr. Conrad asked for a motion to approve Bid Package 14A Change Order 1 – Ameren 10-Inch Pipeline in an amount up to \$56,869.66 with Keller Construction.

A motion was made by Mr. Parks, with a second by Mr. Merz to approve Bid Package 14A Change Order 1 – Ameren 10-Inch Pipeline in an amount up to \$56,869.66 with Keller Construction.

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

Mr. Brinkman – Aye
Mr. Conrad – Aye
Ms. Crockett – absent
Mr. Merz - Aye
Mr. Metzger - Aye
Dr. Moore – Aye
Mr. Parks – Aye
Mr. Plank – 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 was 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.

In June, the minutes of the December 18, 2019 meeting were released. There were Executive Sessions in August – Litigation and September – Purchase or Lease of Real Property, since both of the subjects of those two Executive Sessions are still ongoing, there were no minutes available to be released at this time.

A Public Statement identifying the minutes where the need for confidentiality still exists as to all or part of the meeting minutes 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

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

Mr. Parks – Aye
Mr. Plank – Aye
Mr. Schwind – Aye

The motion was approved unanimously.

Corps of Engineers Update

Mr. Conrad asked Ms. Kelsey to provide the report from the Corps.

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

USACE UPDATE

Metro East Projects, IL Project Status

- **East St. Louis**
 - Deep Cutoff Wall
 - Panel production continues
 - WIK efforts continue for BP 11, BP 14, BP 18
 - Received BP 11 schedule
 - Next USACE contract award for Bid Package 12 Phase 1 is scheduled for 2021.
 - Waiting on ROW Certification
 - MVS continues design efforts on relief wells and toe drain including design coordination with the railroad.
 - Continued coordination for additional required real estate acquisition
- **Mel Price**

- Reach 1 Relief Wells
 - FY21 contract award
 - Awaiting title opinion from OC
- Reach 2 Relief Wells
 - 95% design complete – December 28, 2020
 - Contract award scheduled for June 20 2021
- **Prairie du Pont/Fish Lake**
 - Wood, PLC submitting new maps for updated drilling plans
 - 408 bid package submittal schedule anticipated in November
- **Wood River**
 - FY21 Milestones – contract award all contingent on receiving Right-of-Way Certification, therefore all dates are TBD
 - Bid Package 8
 - Relief Well #1
 - Pump Stations
 - Village of Roxana’s request for a dedicated backup generator at PS #4
 - Design is complete – does not specify the need for a dedicated standby generator
 - PS’s include a Generator Connection Cabinet
 - Electrical service plan coordinated with Ameren
 - Utility power reliability and rental generator availability known to be high in the area
 - No loss of life anticipated due to a prolonged power outage
 - PDT will continue to researching power reliability and consequences to the Village

- Real Estate Meeting October 27, 2020
 - Review existing RE interests near the Grassy Lake Pump Station
 - Request for LERRDs credit of fee acquisition
 - USACE not able to credit property for fee acquisitions where easements already exist (no dual credit)
 - USACE credits for minimum RE interest required
 - Will continue search for RE files to better understand prior/existing rights

- Wood River Upper FEMA Levee System Evaluation Report (LSER)
 - Step 1 – IDNR approval for FEMA concurrence with H&H modeling provided by Wood, PLC – complete
 - Step 2 – FEMA review and concurrence with H&H modeling (anticipated in coming weeks)
 - Step 3 – FEMA provides to USACE the final H&H modeling
 - Step 4 – USACE reviews and provides verification that the positive evaluation for the levee system is not impacted by the restudy

Mr. Conrad thanked Ms. Kelsey 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. Parks with second by Mr. Merz on the motion.

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

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

Mr. Parks – Aye
Mr. Plank – Aye
Mr. Schwind – Aye

The motion was approved unanimously.

Public Comment

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

Mr. Etwert indicated there was no need for an executive session

Other Business

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

Adjournment

Mr. Conrad asked for a motion to adjourn the meeting. Mr. Schwind made a motion to adjourn with a second by Mr. Plank, and all responded with an affirmative voice vote.

It was stated the next meeting would be on January 20, 2021

Respectfully submitted,

Debra Moore,
Secretary/Treasurer, Board of Directors

PLEASE NOTE DUE TO AN ELECTRONIC MALFUNCTION, A RECORDING OF THE MEETING DID NOT OCCUR, THEREFORE MINUTES OF THE MEETING WERE PREPARED FROM THE MEETING ROLL CALL SHEETS AND AGENDA MEMOS.



Memo to: Board of Directors
From: Chuck Etwert
Subject: Program Status Report for January 2021
Date: January 14, 2021

100-Year Certification Packages Status

On April 29, 2019 FEMA accepted the MESD Levee System as structurally sound.

On November 14, 2019, FEMA issued their letter of continued accreditation for the Prairie Du Pont/Fish Lake Levee System.

For the Wood River Systems (Wood River East & West Forks, Lower Wood River, & Upper Wood River), FEMA required review and approval by the Illinois Department of Natural Resources Office of Water Resources (OWR) and the Illinois State Water Survey (ISWS).

On October 21, 2020, the Office of Water Resources issued their letter of concurrence.

On October 26, 2020 , the Illinois State Water Survey indicated they had everything they needed to issue the 316-PMR letters for the Wood River Systems and would be coordinating with FEMA Region V to make sure the 316-PMR approval letters are issued to all of the affected communities. We continue to wait for letters originally scheduled to be issued by ISWS by the end of November. On December 21st, FEMA indicated letters were expected by the end of the year. As of today, letters haven't been issued.

On December 15, 2020, Wood made what is believed to be their final submittal for both the Lower Wood River and the Wood River East and West Forks System to FEMA, with an anticipated timely turnaround. With the Corps of Engineers is addressing the FEMA accreditation of both Upper Wood River System and the MESD/Chain of Rocks System, this submittal, if approved by FEMA, will complete the FPD Council's efforts to maintain accreditation of the Metro-East Levee Systems that protect the region from Mississippi River flooding.

On December 21st, FEMA indicated it anticipates accreditation of the Wood River Systems by the end of March.

FEMA has indicated that it hopes to issue preliminary new flood zone maps within a year and final flood zone maps within the next two to three years for St. Clair County.

500-Year Authorized Level Status

Wood River Levee System

Land acquisition for Bid Package #8 and other USACE specific packages continues with progress being made and USACE bidding Bid Package #8 in FY 2021.

Work In-Kind credit of \$16,041,496 has been earned to date for the Wood River Levee System.

The remaining \$4,256,750 dollars of Work In-Kind credit needed, will be achieved with eligible Wood design and a relief well abandonment package.

MESD Levee System

The Cahokia Relief Well Project, Bid Package #18 – Underseepage Controls from 1207+00 to 1352+00 – Construction is mostly complete, with placement of clay fill remaining on the project, which is difficult at this time of the year. A check valve approved as part of Change Order No. 2 is still scheduled to arrive later this month. It has a one day installation. A substantial completion meeting for Bid Package 18 will likely occur in the near future.

Bid Package #14A – Underseepage Controls from 861+00 to 863+00 is substantially complete. A substantial completion meeting was held on December 18, 2020.

Bid Package #11 – Wood is working on the 95% complete design effort with submittal to USACE planned for March 2021. The submittal of the 95% design has been delayed due to the need for additional field work associated with a pump station outfall structure. The original design for the outfall included modifying the existing structure (at the riverside toe) to fit four force mains. During the 65% submittal the outfall was relocated further riverside to approximately 100 feet from the Granite City Sewage Canal by extending the force mains and reconstructing the outfall to fit four force mains. This design would eliminate the water's flow across 100 feet of existing ground, reducing the potential for rutting or erosion between the outfall and canal.

The design for the outfall prior to 65% used existing borings from the landside of the levee, approximately 220' from the revised location. Following the relocation of the outfall, the historic borings drilled by USACE were reviewed by USACE and Wood. These borings were considered to be insufficient to support geotechnical recommendations. An additional boring was

recommended by Wood and USACE and is planned to be taken very soon, followed by lab work and then design of the structure with the new boring information.

With the pump station outfall structure and USACE adding fourteen relief wells and additional piping, a new cost estimate is in the process of being developed. The preliminary estimated construction cost of \$10,100,000 dollars will increase accordingly.

Bid Package #18A – A report summarizing the results and scope recommendations is still underway and is expected to be issued in the near future.

Work In-Kind credit of \$12,415,405 has been earned to date for the MESD Levee System.

Prairie Du Pont/Fish Lake Levee Systems

After discussions with the Corps of Engineers regarding the upcoming drilling efforts planned in the Prairie Du Pont System, the Corps informed Wood, a more in-depth and lengthy review of the boring plans than had been done and discussed in previous discussions would be required.

Wood submitted the necessary drilling plan documents to the Corps of Engineers on December 8, 2020. The Corps has issued, and Wood has responded to, a single comment to Wood's drilling plan. It is hoped the Corps will make review of the boring plan a priority, so 30 borings can be completed before spring. Wood previously began the process of securing right of entry agreements from land owners in the area.

Designs, bid schedules, and revised cost estimates for Bid Packages #15, #16, and #17 will be developed as collection of data is complete.

Included in your Board packet, is a copy of Wood's Monthly Construction Progress Report for January.



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

**Southwestern Illinois Levees
Restoration of the Federally-Authorized Level of Flood Protection
Monthly Construction Progress Report
January 2021**

Wood Project No. 563170001
Period Ending Date: January 7, 2021

Date of Issue: January 11, 2021

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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 each levee system 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 14A is composed of the construction of underseepage controls in the Metro-East Sanitary District Levee System, from station 821+00 to 863+00. This includes construction of a cut-off trench, placement of 2 riverside blankets/berms, construction of 2 piezometers, and placement of random fill in an existing ditch.

Bid Package 18 is composed of the construction of underseepage controls in the Metro-East Sanitary District Levee System, from station 1207+00 to 1352+00. This includes 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

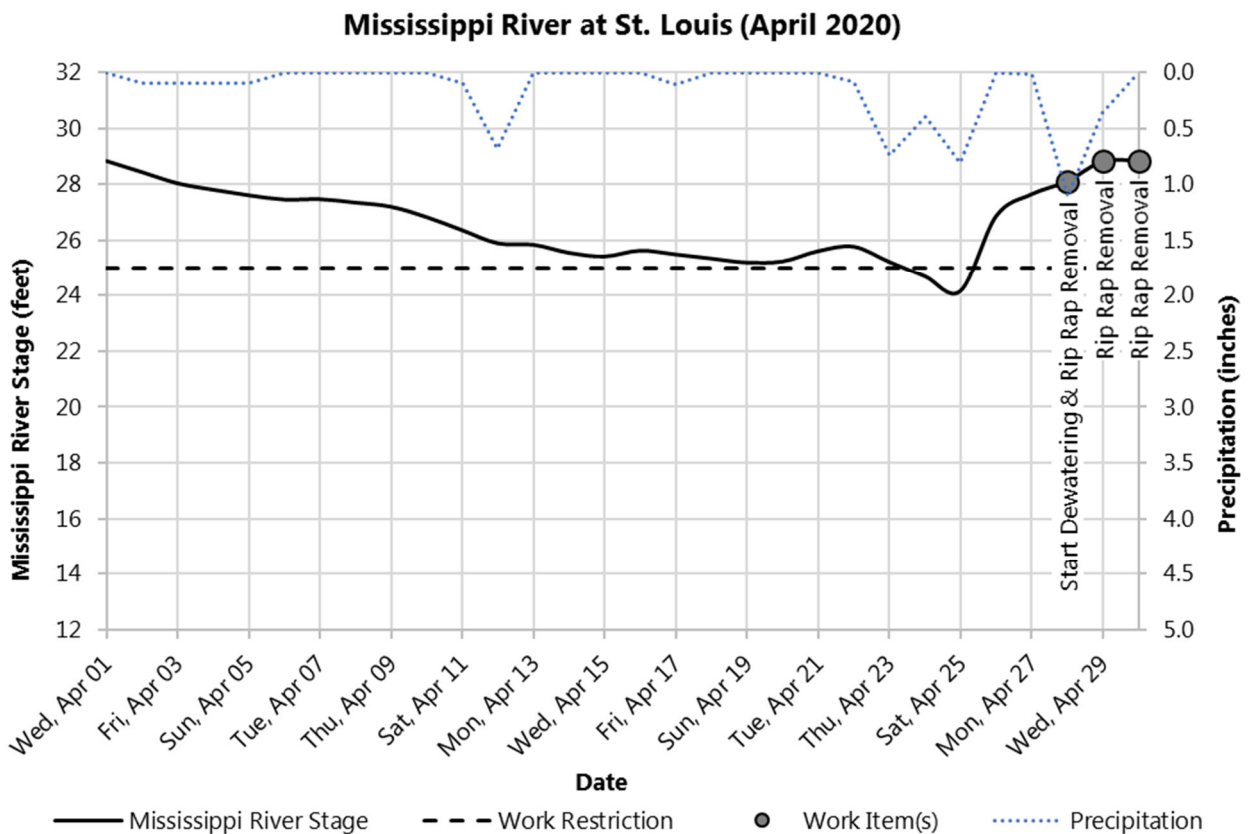
Program Manager	Jay Martin, PE, 615.333.0630 jay.martin@woodplc.com
Project Manager	Jon Omvig, AICP, 636.200.5118 jon.omvig@woodplc.com
Engineer of Record (Civil)	Randy Cook Jr., PE, 636.200.5125 randy.cook@woodplc.com
Engineer of Record (Geotechnical)	Mary Knopf, PE, 502.333.4391 mary.knopf@woodplc.com
Resident Project Representative	Trevor Coons, 314.496.3098 trevor.coons@woodplc.com
Construction Coordinator	Dalton Brookshire, 217.313.6194 dalton.brookshire@woodplc.com
Construction Inspector	Jeffery Johnson, 636.317.8212 jeffery.johnson@woodplc.com

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

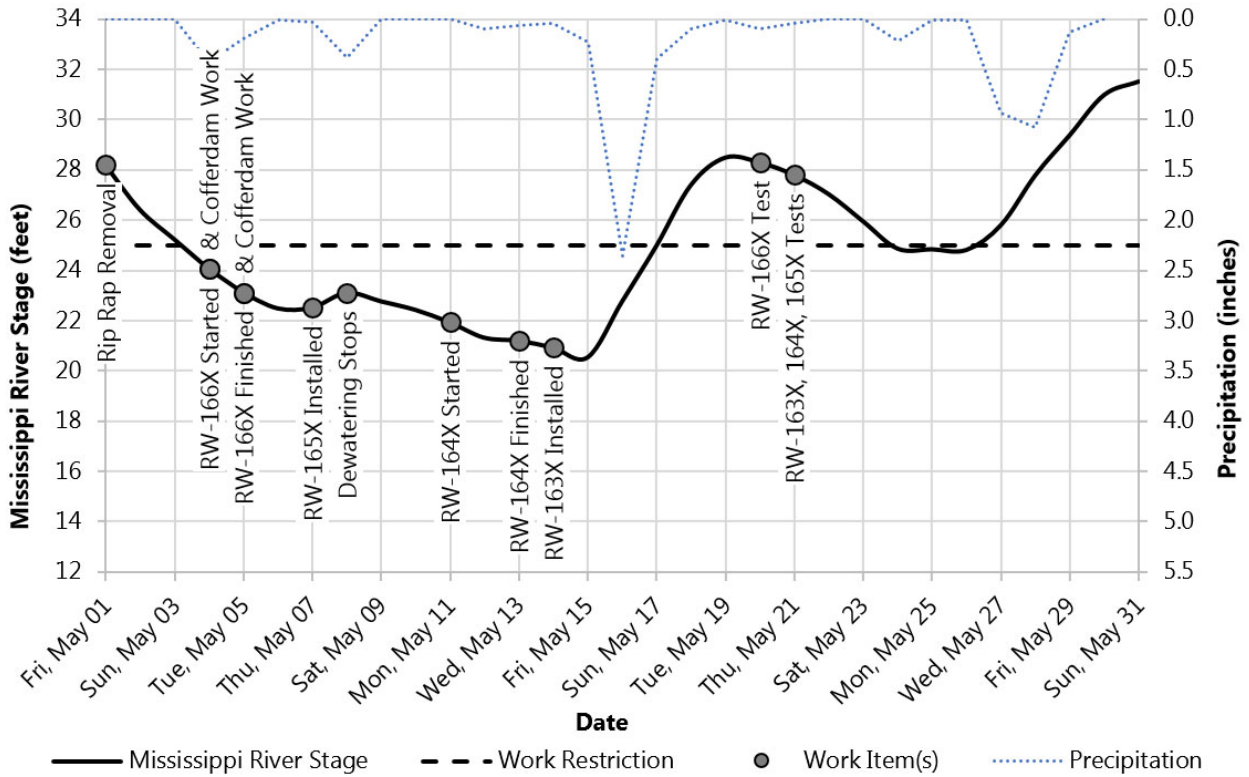
2.1 HSSE Reports

Health/Safety									
The Contractor(s) conduct weekly toolbox safety talks.									
Security									
We have had some issues with local vandals. We are working with local law enforcement to prevent further instances.									
Environment (SWPPP)									
Forms submitted as required									
River Stage Restrictions									
The project specifications dictate that excavations shall cease when the Mississippi River Stage is:									
<table border="1"> <thead> <tr> <th>Bid Package</th> <th>River Stage</th> <th>River Elevation</th> </tr> </thead> <tbody> <tr> <td>14A</td> <td>25</td> <td>404.58 (St. Louis)</td> </tr> <tr> <td>18</td> <td>25</td> <td>404.58 (St. Louis)</td> </tr> </tbody> </table>	Bid Package	River Stage	River Elevation	14A	25	404.58 (St. Louis)	18	25	404.58 (St. Louis)
Bid Package	River Stage	River Elevation							
14A	25	404.58 (St. Louis)							
18	25	404.58 (St. Louis)							

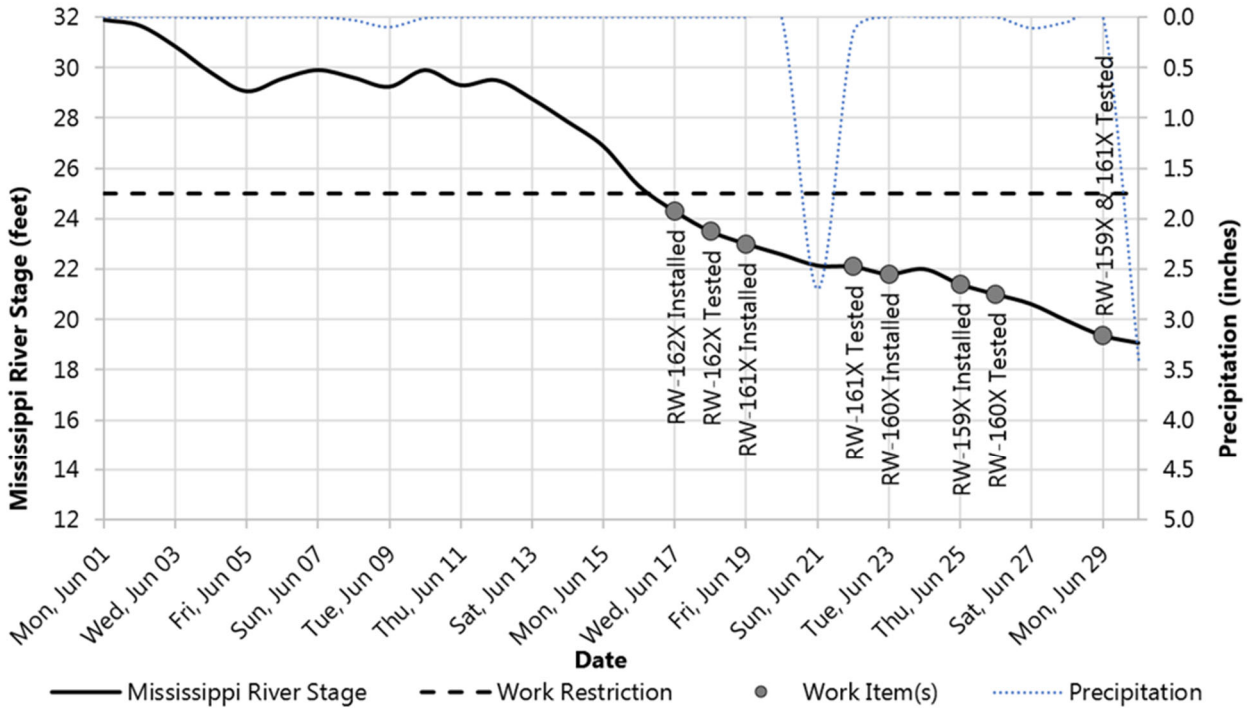
2.2 River Stage History



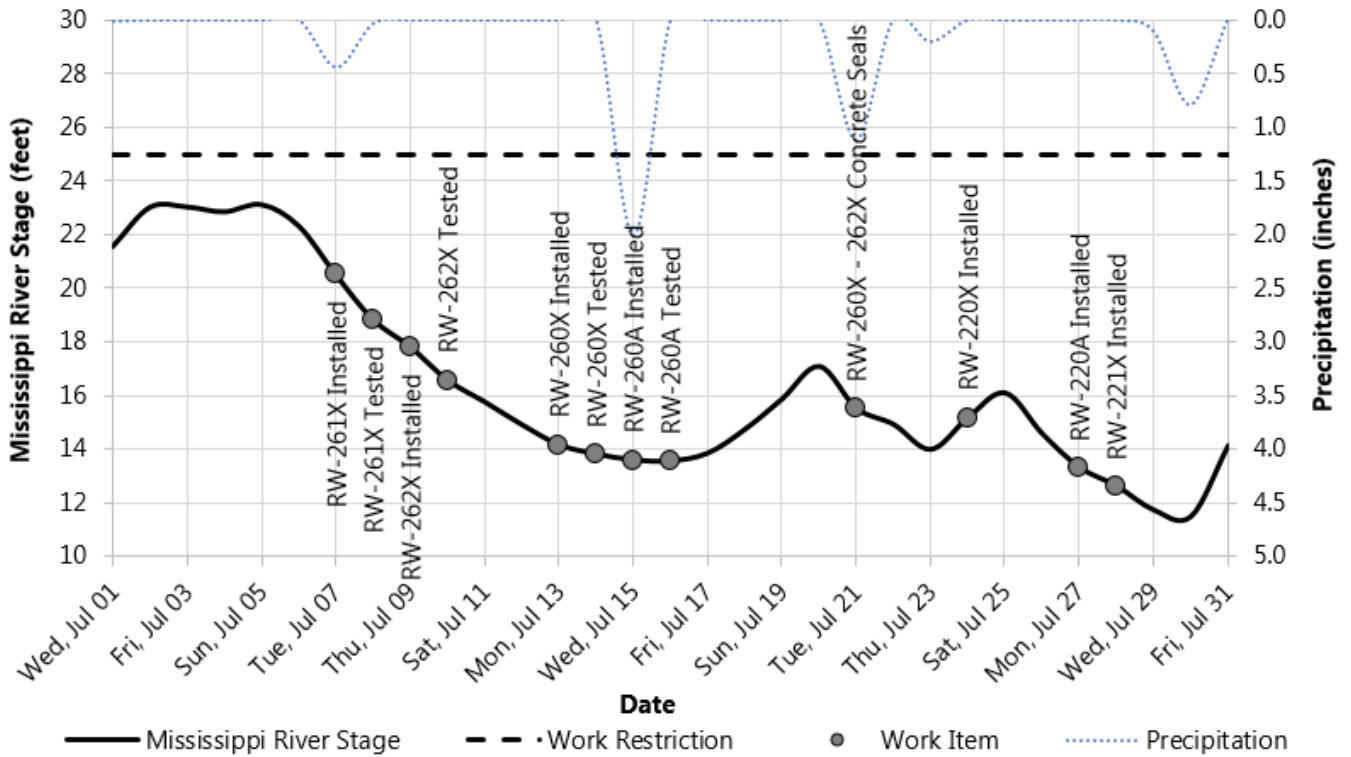
Mississippi River at St. Louis (May 2020)



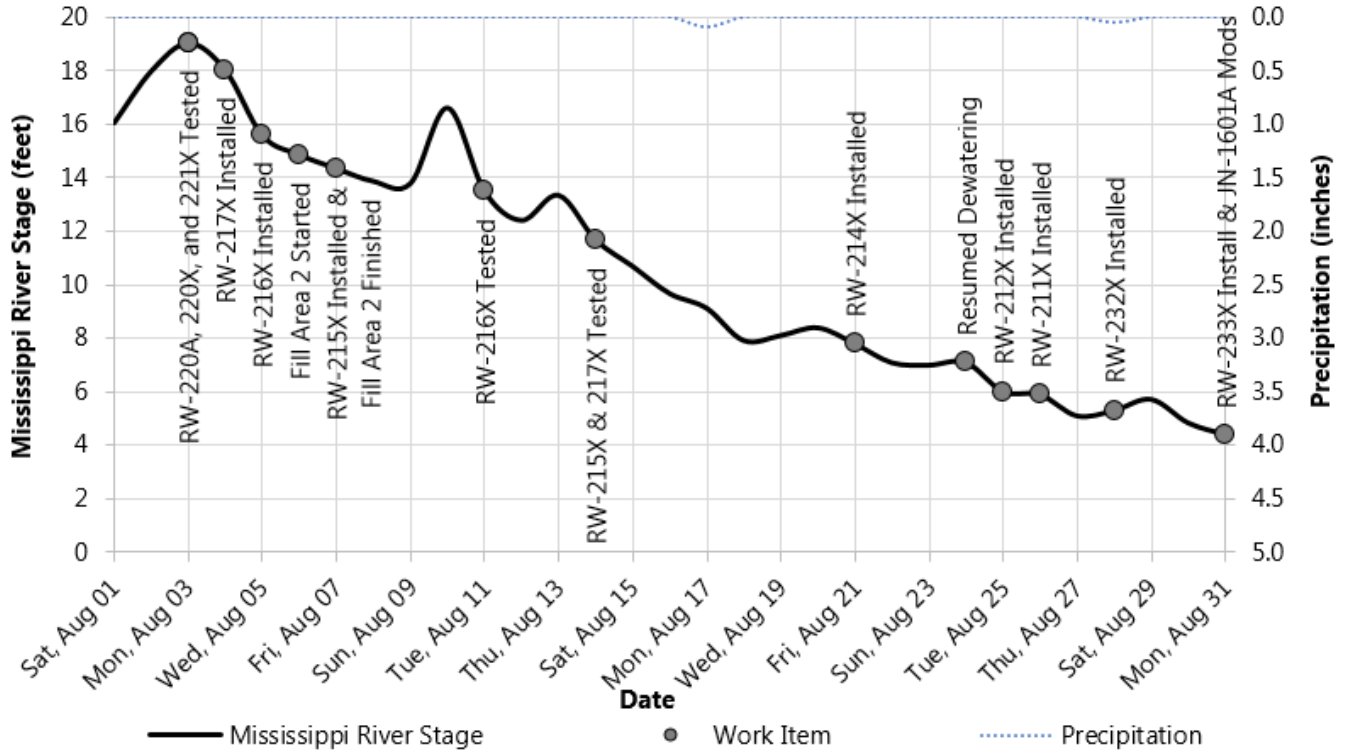
Mississippi River at St. Louis (June 2020)



Mississippi River at St. Louis (July 2020)



Mississippi River at St. Louis (August 2020)



3. PROJECT STATUS UPDATE

3.1 Bid Package 14A

3.1.1 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	TBD
Final Acceptance	N/A

3.1.2 Progress

- Began silt-fence construction and haul-route utility crossing preparations on 9/2/2020.
- Began excavation of the south cut-off trench on 9/14/2020; with the usable impervious material from the trench being used in the ditch fill area.
- Began south cut-off trench backfill on 9/15/2020.
- On 9/16/2020, at station 852+50, an unknown 10" diameter pipeline was encountered in the middle of the trench running perpendicular to the levee. This pipeline remains unclaimed by any of the local utilities or operators. The contractor is coming up with a plan to complete work with the pipeline in place.
 - On a parallel path, Wood has been working with utilities to establish ownership. Historical maps and documentation from MESD's files suggest the line was owned by Union Electric (Ameren) as late as 1953.
 - On 11/4/2020 Ameren had personnel on site to claim the pipeline and assess what type of equipment and personnel will be required to tap the line. On 11/9/2020 Ameren had 2 welders, 1 safety expert, and 1 Superintendent to perform the tap in preparation for abandonment. They observed that the line was pressurized and had about 40% residual gases left inside. They stated that the line would need to be purged prior to being cut out, and to follow-up with Ameren for further information.
 - The decision was made to go with the option to place flowable fill around the pipeline due to the unfavorable timeline for Ameren to coordinate equipment and personnel to purge and remove it, along with the anticipated rainy weather that will impact the forecasted river elevation and material workability in the interim. The flowable fill encasement was applied to the pipeline excavation in two lifts that were completed on 12/9/2020. Area fill completed on 12/29/2020.
- South cut-off trench excavation backfill completed (apart from the area around the Ameren pipeline) on 9/19/2020. The portion of the South cut-off trench backfill impacted by the Ameren pipeline was completed on 12/9/2020 with the application of flowable fill.
- Began placing material in the south blanket fill area on 9/21/2020. Flowable fill encasement was completed on 12/9/2020. Topsoil cover was completed on 12/29/2020.
- Began preparing north blanket fill area on 9/22/2020. Pipelines running through the north blanket fill area required additional fill on 9/25/2020 in order to achieve the desired minimum clearance to be able to place the heavy equipment on top of them.
- Began placing material in the north blanket fill area on 9/26/2020.

- North blanket clay fill was completed 10/12/2020, topsoil cover was completed and then the area was seeded on 11/6/2020.
 - Piezometer (PZ 853R) install in the South Blanket was started on 11/10/2020. Piezometer (PZ 853L) install on top of the levee adjacent to the levee road started on 11/12/2020. Slag was encountered in the bollard hole excavations on PZ 853R on 11/13/2020 which was addressed by PCN 0002. Both Piezometer and associated bollard installs completed on 12/10/2020. Piezometer install completed on 1/7/2021 by application of matching locks.
 - Substantial Completion Meeting held on 12/18/2020 with attendees from Wood, Keller, USACE, Ameren, and America's Central Port.
- 3.1.3 Property Acquisition
- America's Central Port - Complete
- 3.1.4 Levee Board Considerations
- None at this time
- 3.1.5 Submittals
- Submittals are in progress
- 3.1.6 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.
 - See Change Order Log attached
- 3.1.7 QC/QA Activities
- Complete to date
- 3.1.8 Considerations
- None at this time
- 3.1.9 Payment Progress
- The payment request for December 2020 has not been received.
 - See Contract Invoice Log attached

3.2 Bid Package 18

3.2.1 Calendar

Bid Date:	November 6, 2019
Contract executed	January 15, 2020
Schedule received	February 20, 2020
Anticipated start of field activities	March 2020
Start of field activities	March 20, 2020
Contract completion date	<i>Final completion February 5, 2021.</i>
Final Walk Through	TBD
Final Acceptance	N/A

3.2.2 Progress

- All fifty (50) of the relief wells have been installed. All relief wells have been developed and forty-nine (49) have been pump tested 5/18/2020 – 12/14/2020. Eight (8) of those wells have had bentonite seals placed on top of filter pack to prevent material infiltration from under the working casing prior to the placement of the concrete portion of the seals. All fifty (50) wells have also had concrete seals placed on top of filter pack or the previously placed bentonite portion of the seal. The last pump test will have to wait until the groundwater table is high enough to meet the requirements for the pump test relative to the top of screen elevation.
- Forty-three (43) of the eighty (80) relief wells to be abandoned as part of this project have been abandoned. An additional abandonment effort was also applied to the original drill location for RW-173X that experienced a cave-in. The contractor has only been authorized to abandon relief wells that are both wood stave and have an adjacent replacement well that has been installed as part of this project. The remaining thirty-seven (37) abandonments will likely be de-scoped.
- On 11/24/2020 while drilling RW-173X at ~62-ft below top of surface casing, the hole caved-in on top of the hybrid auger bit. While trying to contend with that initial cave-in, the bit got hung up at ~44-ft in depth. The drilling contractor sacrificed a section of drill stem in order to pull the drill off the hole, and to assist with recovery of the bit and remaining drill stems. The bit was recovered on 11/27/2020. The original well location was abandoned with grout, adhering to the abandonment specification for existing relief wells. A revised location for the well was agreed to and RW-173X was drilled and installed on 12/9/2020 at the new location.
- Contractor has resumed work in and around the Cahokia Pump Station forebay. The contractor was able to remove the remaining rip-rap in the bottom of forebay. Relief wells 228B & 229B were installed to the west of the forebay excavation to assist with dewatering efforts. Once the contractor got the groundwater down to 2-ft below the base of the proposed elevation for the base of excavation for the necessary pump station modifications, they completed the excavation and then implemented a 12" to 16" thick mud mat of lean concrete around the pump station, and in the base of the forebay excavation. Next, they formed and poured the reinforced floor to accommodate the proposed, modified pump station walls. On 9/30/2020 and 10/1/2020 the sections of 10'x10' box culvert were installed on top of the reinforced floor and mud mat. Due to the mud mat, geotextile fabric was not able to be installed along the bottom joint of each culvert section; this was discussed with USACE and other measures were taken to address underseepage/soil migration concern that the geotextile fabric was meant to address.

- During final inspection of the 10'x10' box culvert, daylight was visible through many of the box culvert joints. While some of the joints were not within spec tolerance, many were within tolerance. After discussing the matter with Chuck Ewert, Wood instructed the Contractor to implement a joint repair, for which a change order will be necessary.
- On 10/2/2020, it was discovered that Sika Hydra-tight waterstop was not installed per the plans between the old pump station floor and the new pump station floor, as well as between the new floor and the first section of box culvert. The contractor developed a repair plan to address the waterstop issue and implemented that plan on 12/8/2020.
- The structural concrete modifications to the Cahokia Pump Station are complete. The remaining components are the staff gauge, railings, and fencing.
- The cast-in-place box culvert transition between the Levin Drive box culvert and the pre-cast box culvert was poured in three (3) phases (floor, walls, and lid) on 11/17/2020, 11/19/2020, and 11/25/2020 respectively.
- The contractor had previously completed preliminary fill work in Fill Area 2. The vegetation and topsoil were stripped and stockpiled, for future use. Now that well installation efforts in Fill Area 2 are completed, the contractor has re-graded the clay fill, and then spread the 6-inch layer of the topsoil back across the surface of the fill. On 12/10/2020, three (3) test pits were utilized to get representative moisture-density tests on the impacted material to confirm compliance with the earthwork specifications.
- The contractor has completed the overbuild removal and implemented the fabric lined, rip-rap filled drainage trenches around the newly installed wells just north of Levin Drive. The re-grading efforts around the new well installations and adjacent abandonments has continued further to the north of that reach.
- They have also placed a bulk of the rip-rap revetment around the inlet for the Levin Drive box culvert. They have removed the cofferdam to resume work in this area. Portions will need reworked to accommodate the installation of the American Bottoms Sewer extension.
- The contractor has completed the modification of JN-1601A for the overflow from the Water Street Pump Station.
- The contractor started the construction of the Cahokia Pump Station forebay collector system on 12/3/2020. All pipe, structures, and additional components have been installed. All pipes and base structures have passed hydrostatic testing, and then the pervious fill was brought up to the designed elevation of 400-ft. The contractor is looking for options to properly implement the impervious clay fill, that will be placed on top of the pervious, sand fill while maintaining compliance with the material specifications for compacted impervious fill.
- The contractor enlisted an electrical subcontractor to make repairs to the electric feed that runs between the Levin Drive Pump Station and the Cahokia Pump Station. The line was accidentally encountered by the contractor while excavating around RW-229B for the concrete seal installation. The repair work was started on 1/7/2021, and is planned for completion on 1/11/2021.

3.2.3 Property Acquisition

- No acquisition was necessary for this bid package

3.2.4 Levee Board Considerations

- None

3.2.5 Submittals

- Substantially complete, routine testing submittals in progress

3.2.6 Change Orders

- Change Order No. 1 completed on April 21, 2020
- Change Order No. 2 approved by FPD Council Board on August 19, 2020
- Change Order No. 3 approved by FPD Council Board on November 9, 2020
- See Change Order Log attached

3.2.7 QC/QA Activities

- In progress

3.2.8 Considerations

- None

3.2.9 Payment Progress

- The payment request for December 2020 has not yet been received.
- See Contract Invoice Log attached

CONTRACT INVOICE LOG

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

Original Contract Amount:	\$ 905,000.00
Change Order #1:	\$ 56,869.66
Change Order #1:	\$ 4,872.00
Total Change Order Amount:	\$ 61,741.66
Total Revised Contract Amount:	\$ 966,741.66

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	\$162,606.77

Change Request Log

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

Original Contract Amount:	\$ 905,000.00
Change Orders Total:	\$ 61,741.66
Total Revised Contract Amount:	\$ 966,741.66

(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.

CONTRACT INVOICE LOG

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

Original Contract Amount:	\$ 4,798,418.20
Change Order #1:	\$ 7,176.00
Change Order #2:	\$ 170,529.06
Change Order #3:	-\$ 97,883.84
Total Change Order Amount:	\$ 79,821.22
Total Revised Contract Amount:	\$ 4,878,239.42

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	\$4,700,283.22
2	5/7/2020	5/14/2020	\$281,792.87	\$28,179.29	\$253,613.58	\$155,478.60	5/14/2020	\$4,544,804.62
3	6/7/2020	7/22/2020	\$597,279.99	\$59,728.00	\$537,551.99	\$283,938.41	7/23/2020	\$4,260,866.21
4	7/15/2020	7/23/2020	\$776,708.35	\$77,670.85	\$699,037.51	\$161,485.51	7/23/2020	\$4,099,380.70
5	8/7/2020	8/14/2020	\$1,039,513.04	\$103,951.32	\$935,561.72	\$236,524.22	8/17/2020	\$3,862,856.48
6	9/8/2020	9/8/2020	\$1,346,980.73	\$134,698.07	\$1,212,282.66	\$276,720.92	9/9/2020	\$3,586,135.56
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	\$2,540,233.19
8	11/12/2020	11/13/2020	\$3,132,599.92	\$313,259.99	\$2,819,339.93	\$561,154.90	11/18/2020	\$1,979,078.29
9	12/10/2020	12/14/2020	\$3,800,863.21	\$380,086.32	\$3,420,776.89	\$601,436.96	12/15/2020	\$1,457,462.55

Change Request Log

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

Original Contract Amount:	\$ 4,798,418.20
Change Orders Total:	\$ 79,821.22
Total Revised Contract Amount:	\$ 4,878,239.42

(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		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.



Memo to: Board of Directors
From: Chuck Ewert
Subject: Budget and Disbursement Reports for November & December 2020
Date: January 14, 2021

Current Budget Highlights

Attached are the financial statements for November and December 2020 prepared by our fiscal agent, CliftonLarsonAllen. The reports include an accounting of revenues and expenditures for the months ending November 30, 2020 and December 31, 2020, as compared to our fiscal year budget.

Accrued expenditures for the fiscal year beginning on October 1, 2020 thru November 30, 2020 were \$8,540,684 while revenues amounted to \$2,185,599 resulting in a deficit of \$6,355,085. Accrued expenditures for the current fiscal year beginning on October 1, 2020 thru December 31, 2020 were \$9,508,550 while revenues amounted to \$3,332,836 resulting in a deficit of \$6,175,714. A total of \$38,300,490 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.

Monthly sales tax receipts of \$1,104,459 for September 2020 were up 8.41% from last year. Monthly sales tax receipts of \$1,052,506 for October 2020 were up .99% from last year. The receipts collected were the highest ever for the months of September and October. Receipts continue to be much higher than anticipated, as we all continue to deal with the COVID-19 situation. Receipts for the year are down 1.02% from last year.

Monthly Disbursements

Attached is the list of bank transactions for November and December 2020. Total disbursements for November were \$1,090,405.37 and for December \$969,549.27. Largest payments were to Keller Construction and Wood.

Recommendation: Accept the budget and disbursement reports for November and December 2020.

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION
DISTRICT COUNCIL**

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

TWO MONTHS ENDED NOVEMBER 30, 2020 AND 2019



CliftonLarsonAllen

CliftonLarsonAllen LLP
www.cliftonlarsonallen.com

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 two months ended November 30, 2020 and 2019, in accordance with accounting principles generally accepted in the United States of America. We have performed compilation engagements in accordance with Statements on Standards for Accounting and Review services promulgated by the Accounting and Review Services Committee of the American Institute of certified Public Accountants. We did not audit or review the financial statements nor were we required to perform any procedures to verify the accuracy or completeness of information provided by management. Accordingly, we do not express an opinion a conclusion, nor provide any form of assurances on these financial statements.

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

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

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

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

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

The accompanying original and final budget amounts presented on the General Fund Statement of Revenues and Expenditures – Budget and Actual presented for the year ending September 30, 2021 and 2020, have not been compiled or examined by us, and, accordingly, we do not express an opinion or any other form of assurance on them.

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

A handwritten signature in black ink that reads "Clifton Larson Allen LLP". The signature is written in a cursive, flowing style.

CliftonLarsonAllen LLP

St. Louis, Missouri
December 3, 2020

SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
GENERAL FUND
STATEMENT OF REVENUES AND EXPENDITURES - BUDGET AND ACTUAL
TWO MONTHS ENDED NOVEMBER 30, 2020 (Actual)
FISCAL YEAR ENDING SEPTEMBER 30, 2021 (Budget)

	BUDGET		ACTUAL	VARIANCE WITH
	ORIGINAL	FINAL		FINAL BUDGET
				POSITIVE (NEGATIVE)
REVENUES				
Sales Tax Proceeds From Districts	\$ 9,427,500	\$ 9,427,500	\$ 2,120,776	\$ 7,306,724
Interest Income	350,000	350,000	64,823	285,177
Other Contributions	-	-	-	-
Total Revenues	<u>9,777,500</u>	<u>9,777,500</u>	<u>2,185,599</u>	<u>7,591,901</u>
EXPENDITURES				
Current				
Design and Construction				
Engineering Design & Construction	5,719,065	5,719,065	392,655	5,326,410
Management				
Construction	15,258,467	15,258,467	2,425,483	12,832,984
Construction and design by US ACE	500,000	500,000	-	500,000
Total Design and Construction	<u>21,477,532</u>	<u>21,477,532</u>	<u>2,818,138</u>	<u>18,659,394</u>
Professional Services				
Legal & Legislative Consulting	240,000	240,000	9,616	230,384
Financial Advisor	65,000	65,000	1,800	63,200
Bond Underwriter/Conduit Issuer	12,000	12,000	-	12,000
Total Professional Services	<u>317,000</u>	<u>317,000</u>	<u>11,416</u>	<u>305,584</u>
Refund of Surplus Funds to County FPD Accounts				
Madison County	503,360	503,360	1,028,206	(524,846)
Monroe County	47,750	47,750	97,832	(50,082)
St. Clair County	448,890	448,890	918,516	(469,626)
Total Refund of Surplus Funds to County	<u>1,000,000</u>	<u>1,000,000</u>	<u>2,044,554</u>	<u>(1,044,554)</u>
Debt Service				
Principal and Interest	9,393,082	9,393,082	3,621,265	5,771,817
Federal Interest Subsidy	-	-	-	-
Total Debt Service	<u>9,393,082</u>	<u>9,393,082</u>	<u>3,621,265</u>	<u>5,771,817</u>
Total Operating Expenses	<u>32,187,614</u>	<u>32,187,614</u>	<u>8,495,373</u>	<u>23,692,241</u>
General and Administrative Costs				
Salaries, Benefits	233,000	233,000	38,081	194,920
Bank Service Charges	1,000	1,000	107	893
Equipment and Software	2,000	2,000	-	2,000
Fiscal Agency Services	35,000	35,000	5,115	29,885
Audit Services	18,000	18,000	-	18,000
Meeting Expenses	1,000	1,000	-	1,000
Postage/Delivery	1,000	1,000	113	887
Printing/Photocopies	2,000	2,000	202	1,798
Professional Services	10,000	10,000	30	9,970
Supplies	3,000	3,000	129	2,871
Telecommunications/Internet	3,000	3,000	863	2,137
Travel	5,000	5,000	155	4,845
Insurance	1,000	1,000	516	484
Total General & Administrative Costs	<u>315,000</u>	<u>315,000</u>	<u>45,311</u>	<u>269,690</u>
Total Expenditures	<u>32,502,614</u>	<u>32,502,614</u>	<u>8,540,684</u>	<u>23,961,931</u>
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	(22,725,114)	(22,725,114)	(6,355,085)	16,370,030
OTHER FINANCING SOURCES				
Proceeds From Borrowing	-	-	-	-
NET CHANGE IN FUND BALANCE	<u>\$ (22,725,114)</u>	<u>\$ (22,725,114)</u>	<u>\$ (6,355,085)</u>	<u>\$ 16,370,030</u>

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
GENERAL FUND
STATEMENT OF REVENUES AND EXPENDITURES - BUDGET AND ACTUAL
TWO MONTHS ENDED NOVEMBER, 2019 (Actual)
FISCAL YEAR ENDING SEPTEMBER 30, 2020 (Budget)**

	BUDGET		ACTUAL	VARIANCE WITH
	ORIGINAL	FINAL		FINAL BUDGET
				POSITIVE (NEGATIVE)
REVENUES				
Sales Tax Proceeds From Districts	\$ 12,455,000	\$ 12,455,000	\$ 2,065,595	\$ 10,389,405
Interest Income	350,000	350,000	134,681	215,319
Other Contributions	-	-	-	-
Total Revenues	<u>12,805,000</u>	<u>12,805,000</u>	<u>2,200,276</u>	<u>10,604,724</u>
EXPENDITURES				
Current				
Design and Construction				
Engineering Design & Construction Management	5,250,032	5,250,032	303,907	4,946,125
Construction	20,170,000	20,170,000	8,806	20,161,194
Construction and design by US ACE	<u>2,772,851</u>	<u>2,772,851</u>	-	<u>2,772,851</u>
Total Design and Construction	<u>28,192,883</u>	<u>28,192,883</u>	<u>312,713</u>	<u>27,880,170</u>
Professional Services				
Legal & Legislative Consulting	297,500	297,500	12,056	285,444
Financial Advisor	65,000	65,000	19,115	45,885
Bond Underwriter/Conduit Issuer	<u>12,000</u>	<u>12,000</u>	<u>1,097</u>	<u>10,903</u>
Total Professional Services	<u>374,500</u>	<u>374,500</u>	<u>32,268</u>	<u>342,232</u>
Refund of Surplus Funds to County FPD Accounts				
Madison County	1,005,800	1,005,800	432,054	573,746
Monroe County	95,700	95,700	41,254	54,446
St. Clair County	<u>898,500</u>	<u>898,500</u>	<u>395,195</u>	<u>503,305</u>
Total Refund of Surplus Funds to County	<u>2,000,000</u>	<u>2,000,000</u>	<u>868,503</u>	<u>1,131,497</u>
Debt Service				
Principal and Interest	10,949,970	10,949,970	4,167,835	6,782,135
Federal Interest Subsidy	<u>(853,711)</u>	<u>(853,711)</u>	-	<u>(853,711)</u>
Total Debt Service	<u>10,096,259</u>	<u>10,096,259</u>	<u>4,167,835</u>	<u>5,928,424</u>
Total Operating Expenses	<u>40,663,642</u>	<u>40,663,642</u>	<u>5,381,319</u>	<u>35,282,323</u>
General and Administrative Costs				
Salaries, Benefits	220,000	220,000	18,987	201,013
Bank Service Charges	1,000	1,000	128	872
Equipment and Software	2,000	2,000	-	2,000
Fiscal Agency Services	34,000	34,000	4,940	29,060
Audit Services	17,000	17,000	-	17,000
Meeting Expenses	1,000	1,000	-	1,000
Postage/Delivery	1,000	1,000	85	915
Printing/Photocopies	2,000	2,000	-	2,000
Professional Services	10,000	10,000	-	10,000
Supplies	3,000	3,000	45	2,955
Telecommunications/Internet	3,000	3,000	485	2,515
Travel	5,000	5,000	-	5,000
Insurance	<u>1,000</u>	<u>1,000</u>	<u>484</u>	<u>516</u>
Total General & Administrative Costs	<u>300,000</u>	<u>300,000</u>	<u>25,154</u>	<u>274,846</u>
Total Expenditures	<u>40,963,642</u>	<u>40,963,642</u>	<u>5,406,473</u>	<u>35,557,169</u>
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	(28,158,642)	(28,158,642)	(3,206,197)	24,952,445
OTHER FINANCING SOURCES				
Proceeds From Borrowing	-	-	-	-
NET CHANGE IN FUND BALANCE	<u>\$ (28,158,642)</u>	<u>\$ (28,158,642)</u>	<u>\$ (3,206,197)</u>	<u>\$ 24,952,445</u>

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION
DISTRICT COUNCIL**

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

THREE MONTHS ENDED DECEMBER 31, 2020 AND 2019



CliftonLarsonAllen

CliftonLarsonAllen LLP
www.cliftonlarsonallen.com

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 three months ended December 31, 2020 and 2019, in accordance with accounting principles generally accepted in the United States of America. We have performed compilation engagements in accordance with Statements on Standards for Accounting and Review services promulgated by the Accounting and Review Services Committee of the American Institute of certified Public Accountants. We did not audit or review the financial statements nor were we required to perform any procedures to verify the accuracy or completeness of information provided by management. Accordingly, we do not express an opinion a conclusion, nor provide any form of assurances on these financial statements.

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

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

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

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

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

The accompanying original and final budget amounts presented on the General Fund Statement of Revenues and Expenditures – Budget and Actual presented for the year ending September 30, 2021 and 2020, have not been compiled or examined by us, and, accordingly, we do not express an opinion or any other form of assurance on them.

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

A handwritten signature in black ink that reads "Clifton Larson Allen LLP". The signature is written in a cursive, flowing style.

CliftonLarsonAllen LLP

St. Louis, Missouri
January 4, 2021

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
GENERAL FUND
STATEMENT OF REVENUES AND EXPENDITURES - BUDGET AND ACTUAL
THREE MONTHS ENDED DECEMBER 31, 2020 (Actual)
FISCAL YEAR ENDING SEPTEMBER 30, 2021 (Budget)**

	BUDGET		ACTUAL	VARIANCE WITH
	ORIGINAL	FINAL		FINAL BUDGET
				POSITIVE (NEGATIVE)
REVENUES				
Sales Tax Proceeds From Districts	\$ 9,427,500	\$ 9,427,500	\$ 3,225,235	\$ 6,202,265
Interest Income	350,000	350,000	107,601	242,399
Other Contributions	-	-	-	-
Total Revenues	<u>9,777,500</u>	<u>9,777,500</u>	<u>3,332,836</u>	<u>6,444,664</u>
EXPENDITURES				
Current				
Design and Construction				
Engineering Design & Construction	5,719,065	5,719,065	636,381	5,082,684
Management				
Construction	15,258,467	15,258,467	3,091,407	12,167,060
Construction and design by US ACE	500,000	500,000	-	500,000
Total Design and Construction	<u>21,477,532</u>	<u>21,477,532</u>	<u>3,727,788</u>	<u>17,749,744</u>
Professional Services				
Legal & Legislative Consulting	240,000	240,000	12,178	227,822
Financial Advisor	65,000	65,000	2,700	62,300
Bond Underwriter/Conduit Issuer	12,000	12,000	-	12,000
Total Professional Services	<u>317,000</u>	<u>317,000</u>	<u>14,878</u>	<u>302,122</u>
Refund of Surplus Funds to County FPD Accounts				
Madison County	503,360	503,360	1,028,206	(524,846)
Monroe County	47,750	47,750	97,832	(50,082)
St. Clair County	448,890	448,890	918,516	(469,626)
Total Refund of Surplus Funds to County	<u>1,000,000</u>	<u>1,000,000</u>	<u>2,044,554</u>	<u>(1,044,554)</u>
Debt Service				
Principal and Interest	9,393,082	9,393,082	3,621,265	5,771,817
Federal Interest Subsidy	-	-	-	-
Total Debt Service	<u>9,393,082</u>	<u>9,393,082</u>	<u>3,621,265</u>	<u>5,771,817</u>
Total Operating Expenses	<u>32,187,614</u>	<u>32,187,614</u>	<u>9,408,485</u>	<u>22,779,129</u>
General and Administrative Costs				
Salaries, Benefits	233,000	233,000	88,970	144,030
Bank Service Charges	1,000	1,000	153	847
Equipment and Software	2,000	2,000	-	2,000
Fiscal Agency Services	35,000	35,000	8,695	26,305
Audit Services	18,000	18,000	-	18,000
Meeting Expenses	1,000	1,000	45	955
Postage/Delivery	1,000	1,000	113	887
Printing/Photocopies	2,000	2,000	202	1,798
Professional Services	10,000	10,000	-	10,000
Supplies	3,000	3,000	218	2,782
Telecommunications/Internet	3,000	3,000	998	2,002
Travel	5,000	5,000	155	4,845
Insurance	1,000	1,000	516	484
Total General & Administrative Costs	<u>315,000</u>	<u>315,000</u>	<u>100,065</u>	<u>214,935</u>
Total Expenditures	<u>32,502,614</u>	<u>32,502,614</u>	<u>9,508,550</u>	<u>22,994,064</u>
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	(22,725,114)	(22,725,114)	(6,175,714)	16,549,400
OTHER FINANCING SOURCES				
Proceeds From Borrowing	-	-	-	-
NET CHANGE IN FUND BALANCE	<u>\$ (22,725,114)</u>	<u>\$ (22,725,114)</u>	<u>\$ (6,175,714)</u>	<u>\$ 16,549,400</u>

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
GENERAL FUND
STATEMENT OF REVENUES AND EXPENDITURES - BUDGET AND ACTUAL
THREE MONTHS ENDED DECEMBER 31, 2019 (Actual)
FISCAL YEAR ENDING SEPTEMBER 30, 2020 (Budget)**

	BUDGET		ACTUAL	VARIANCE WITH FINAL BUDGET
	ORIGINAL	FINAL		POSITIVE (NEGATIVE)
REVENUES				
Sales Tax Proceeds From Districts	\$ 12,455,000	\$ 12,455,000	\$ 3,084,354	\$ 9,370,646
Interest Income	350,000	350,000	193,142	156,858
Other Contributions	-	-	-	-
Total Revenues	<u>12,805,000</u>	<u>12,805,000</u>	<u>3,277,496</u>	<u>9,527,504</u>
EXPENDITURES				
Current				
Design and Construction				
Engineering Design & Construction Management	5,250,032	5,250,032	408,320	4,841,712
Construction	20,170,000	20,170,000	22,943	20,147,057
Construction and design by US ACE	<u>2,772,851</u>	<u>2,772,851</u>	<u>2,522,851</u>	<u>250,000</u>
Total Design and Construction	28,192,883	28,192,883	2,954,114	25,238,769
Professional Services				
Legal & Legislative Consulting	297,500	297,500	15,987	281,513
Financial Advisor	65,000	65,000	36,326	28,674
Bond Underwriter/Conduit Issuer	<u>12,000</u>	<u>12,000</u>	<u>1,097</u>	<u>10,903</u>
Total Professional Services	374,500	374,500	53,410	321,090
Refund of Surplus Funds to County FPD Accounts				
Madison County	1,005,800	1,005,800	432,054	573,746
Monroe County	95,700	95,700	41,254	54,446
St. Clair County	<u>898,500</u>	<u>898,500</u>	<u>395,195</u>	<u>503,305</u>
Total Refund of Surplus Funds to County	2,000,000	2,000,000	868,503	1,131,497
Debt Service				
Principal and Interest	10,949,970	10,949,970	4,167,835	6,782,135
Federal Interest Subsidy	<u>(853,711)</u>	<u>(853,711)</u>	-	<u>(853,711)</u>
Total Debt Service	10,096,259	10,096,259	4,167,835	5,928,424
Total Operating Expenses	40,663,642	40,663,642	8,043,862	32,619,780
General and Administrative Costs				
Salaries, Benefits	220,000	220,000	51,338	168,662
Bank Service Charges	1,000	1,000	174	826
Equipment and Software	2,000	2,000	-	2,000
Fiscal Agency Services	34,000	34,000	7,430	26,570
Audit Services	17,000	17,000	-	17,000
Meeting Expenses	1,000	1,000	-	1,000
Postage/Delivery	1,000	1,000	94	906
Printing/Photocopies	2,000	2,000	295	1,705
Professional Services	10,000	10,000	-	10,000
Supplies	3,000	3,000	45	2,955
Telecommunications/Internet	3,000	3,000	589	2,411
Travel	5,000	5,000	-	5,000
Insurance	<u>1,000</u>	<u>1,000</u>	<u>484</u>	<u>516</u>
Total General & Administrative Costs	300,000	300,000	60,449	239,551
Total Expenditures	<u>40,963,642</u>	<u>40,963,642</u>	<u>8,104,311</u>	<u>32,859,331</u>
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	(28,158,642)	(28,158,642)	(4,826,815)	23,331,827
OTHER FINANCING SOURCES				
Proceeds From Borrowing	-	-	-	-
NET CHANGE IN FUND BALANCE	<u>\$ (28,158,642)</u>	<u>\$ (28,158,642)</u>	<u>\$ (4,826,815)</u>	<u>\$ 23,331,827</u>

Flood Prevention District Sales Tax Trends 2009-2020

2017

	Jan	Feb	March	April	May	June	July	August	Sept	October	November	December	Total
Madison	\$415,258	\$430,036	\$504,211	\$491,654	\$526,342	\$520,314	\$491,546	\$503,604	\$498,967	\$498,088	\$515,011	\$590,042	\$5,985,073
St. Clair	\$372,274	\$401,535	\$478,561	\$447,083	\$470,278	\$475,488	\$434,801	\$452,641	\$452,607	\$448,381	\$469,634	\$571,184	\$5,474,466
Monroe	\$41,692	\$40,595	\$46,453	\$46,375	\$48,562	\$48,715	\$46,928	\$47,831	\$49,327	\$49,432	\$48,091	\$57,529	\$571,530
Total Month	\$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
Cumulative Total	\$829,224	\$1,701,391	\$2,730,617	\$3,715,729	\$4,760,911	\$5,805,428	\$6,778,703	\$7,782,779	\$8,783,679	\$9,779,580	\$10,812,315	\$12,031,070	
% change/month	2.57%	1.80%	3.39%	6.14%	7.29%	2.27%	4.29%	7.20%	4.24%	4.89%	5.18%	1.14%	
% change/total	2.57%	2.17%	2.63%	3.54%	4.34%	3.96%	4.01%	4.41%	4.39%	4.44%	4.51%	4.16%	4.16%

2018

	Jan	Feb	March	April	May	June	July	August	Sept	October	November	December	Total
Madison	\$443,850	\$446,844	\$534,938	\$504,589	\$559,962	\$545,446	\$513,918	\$523,807	\$504,297	\$520,584	\$529,285	\$582,616	\$6,210,136
St. Clair	\$396,750	\$397,343	\$483,255	\$441,038	\$487,559	\$491,515	\$446,749	\$464,302	\$454,152	\$453,626	\$478,027	\$553,293	\$5,547,610
Monroe	\$43,425	\$40,823	\$48,929	\$47,933	\$54,616	\$50,298	\$49,686	\$48,134	\$49,971	\$53,079	\$48,778	\$55,188	\$590,860
Total Month	\$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
Cumulative Total	\$884,025	\$1,769,033	\$2,836,155	\$3,829,715	\$4,931,852	\$6,019,112	\$7,029,465	\$8,065,709	\$9,074,129	\$10,101,418	\$11,157,509	\$12,348,606	
% change/month	6.61%	1.47%	3.68%	0.86%	5.45%	4.09%	3.81%	3.20%	0.75%	3.15%	2.26%	-2.27%	
% change/total	6.61%	3.98%	3.87%	3.07%	3.59%	3.68%	3.70%	3.64%	3.31%	3.29%	3.19%	2.64%	2.64%

2019

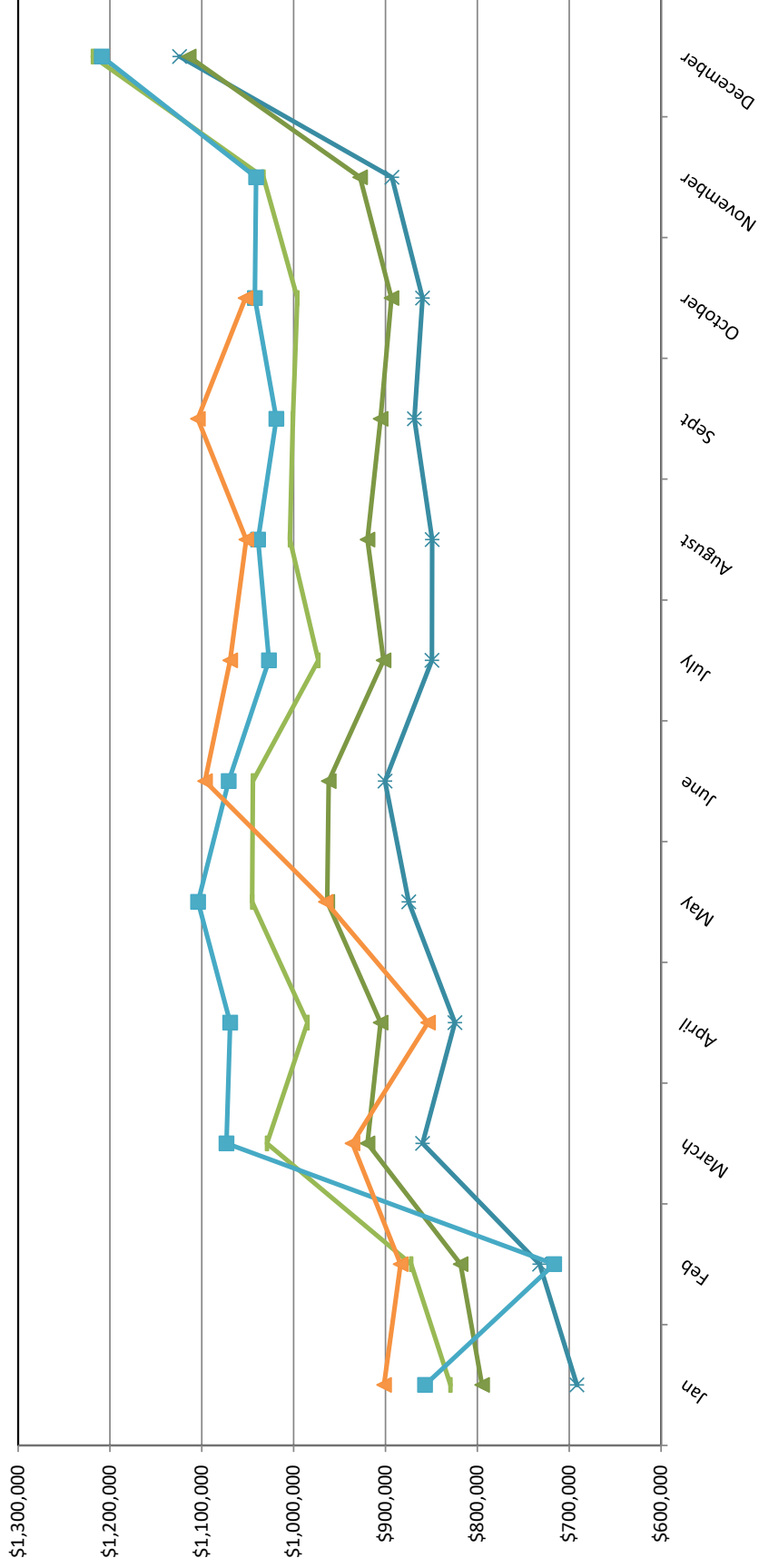
	Jan	Feb	March	April	May	June	July	August	Sept	October	November	December	Total
Madison	\$440,766	\$292,073	\$541,776	\$564,760	\$566,362	\$544,462	\$527,639	\$526,931	\$511,146	\$535,370	\$522,630	\$600,778	\$6,174,691
St. Clair	\$372,163	\$384,592	\$481,112	\$452,586	\$483,774	\$478,864	\$449,788	\$464,817	\$460,785	\$458,317	\$468,266	\$551,365	\$5,506,430
Monroe	\$43,983	\$39,680	\$50,326	\$51,795	\$53,953	\$47,416	\$49,435	\$46,984	\$46,829	\$48,537	\$49,992	\$56,827	\$585,757
Total Month	\$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
Cumulative Total	\$856,912	\$1,573,257	\$2,646,470	\$3,715,611	\$4,819,699	\$5,890,441	\$6,917,303	\$7,956,035	\$8,974,795	\$10,017,020	\$11,057,908	\$12,266,878	
% change/month	-3.07%	-19.06%	0.57%	7.61%	0.18%	-1.52%	1.63%	0.24%	1.03%	1.45%	-1.44%	1.50%	
% change/total	-3.07%	-11.07%	-6.69%	-2.98%	-2.27%	-2.14%	-1.60%	-1.36%	-1.09%	-0.84%	-0.89%	-0.66%	-0.66%

2020

	Jan	Feb	March	April	May	June	July	August	Sept	October	November	December	Total
Madison	\$472,182	\$466,118	\$493,289	\$467,218	\$530,655	\$571,977	\$555,247	\$560,776	\$592,392	\$551,653			\$5,261,505
St. Clair	\$385,272	\$377,521	\$396,834	\$341,150	\$386,103	\$473,350	\$463,828	\$442,181	\$461,983	\$450,531			\$4,178,753
Monroe	\$44,081	\$39,874	\$45,921	\$45,337	\$48,466	\$51,284	\$50,068	\$48,676	\$50,084	\$50,322			\$474,112
Total Month	\$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			\$9,914,370
Cumulative Total	\$901,535	\$1,785,047	\$2,721,090	\$3,574,795	\$4,540,019	\$5,636,629	\$6,705,772	\$7,757,405	\$8,861,864	\$9,914,370			
% change/month	5.21%	23.34%	-12.78%	-20.15%	-12.58%	2.42%	4.12%	1.24%	8.41%	0.99%			
% change/total	5.21%	13.46%	2.82%	-3.79%	-5.80%	-4.31%	-3.06%	-2.50%	-1.26%	-1.02%			

Flood Prevention District Sales Tax Trends 2009-2020

Monthly Receipts 2009-2013-2017-2019-2020



**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
SUPPLEMENTARY SUPPORTING SCHEDULE
BANK TRANSACTIONS
November 30, 2020**

Beginning Bank Balance as of November 1, 2020			\$ 715,902.26
Receipts			
UMB Bank	11/15/2020	Admin Transfer	2,310.45
UMB Bank	11/15/2020	Construction Transfer	1,377,366.58
UMB Bank	11/15/2020	Construction Transfer	166,072.20
Busey Bank	11/30/2020	Interest	297.76
			\$ 1,546,046.99
Disbursements			
Webroot Software	11/02/2020	Domain	133.26
Charles Etwert	11/03/2020	Reimbursement	473.44
Zoom Video Conferencing	11/04/2020	Publications/Dues	14.99
Husch Blackwell	11/05/2020	Legal	16,061.17
Walmart	11/10/2020	Supplies	34.74
Wood Environmental	11/10/2020	Construction	210,936.55
Sprague & Urban, Attorneys at Law	11/11/2020	Legal	825.00
Cost Less Copy Center	11/11/2020	Copying and Printing	201.60
USPS	11/16/2020	Postage	112.85
Busey Bank	11/17/2020	Wire Fee	15.00
Busey Bank	11/17/2020	Wire Fee	15.00
Busey Bank	11/17/2020	Wire Fee	15.00
Keller Construction	11/18/2020	Construction	858,848.16
AT&T	11/20/2020	Telephone	134.26
Thomas E. Schooley Law Offices	11/20/2020	Legal	333.00
CliftonLarsonAllen LLP	11/20/2020	Fiscal Agent	1,335.00
Columbia Capital	11/20/2020	Financial Advisor	900.00
Busey Bank	11/30/2020	Service Fees	16.35
			\$ 1,090,405.37
			\$ 1,171,543.88

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
SUPPLEMENTARY SUPPORTING SCHEDULE
BANK TRANSACTIONS
DECEMBER 31, 2020**

Beginning Bank Balance as of December 1, 2020 **\$ 1,171,543.88**

Receipts

UMB Bank	12/16/2020	Admin Transfer	19,644.29
UMB Bank	12/16/2020	Construction Transfer	913,370.62
Busey Bank	12/30/2020	Interest	365.92

\$ 933,380.83

Disbursements

CliftonLarsonAllen LLP	12/03/2020	Fiscal Agent	1,290.00
Zoom Video Conferencing	12/04/2020	Publications/Dues	14.99
Husch Blackwell	12/08/2020	Legal	13,675.50
Wood Environmental	12/08/2020	Construction	232,026.48
East-West Gateway Council of Governments	12/09/2020	Supervisor Mgmt	18,174.77
Columbia Capital	12/10/2020	Financial Advisor	900.00
AT&T	12/11/2020	Telephone	134.26
Sprague & Urban, Attorneys at Law	12/15/2020	Legal	525.00
Phillips L. Johnson	12/15/2020	Construction	11,700.00
Keller Construction	12/15/2020	Construction	601,436.96
Keller Construction	12/15/2020	Construction	51,873.68
Busey Bank	12/16/2020	Wire Fee	15.00
Busey Bank	12/16/2020	Wire Fee	15.00
Office Depot	12/16/2020	Office Supplies	89.15
CliftonLarsonAllen LLP	12/21/2020	Fiscal Agent	1,290.00
East-West Gateway Council of Governments	12/28/2020	Supervisor Mgmt	35,397.58
Sprague & Urban, Attorneys at Law	12/30/2020	Legal	975.00
Busey Bank	12/31/2020	Service Fees	15.90

\$ 969,549.27

\$ 1,135,375.44



Memo to: Board of Directors
From: Chuck Ewert
Subject: Design and Construction Update
Date: January 14, 2021

Attached is Wood's Design and Construction Update, which is included in the agenda package since the meeting is being conducted via teleconference. Jay Martin will present the Update during the meeting.

Recommendation: Accept the January Design and Construction Update by Wood Environment & Infrastructure Solutions, Inc.



Progress Report January 20, 2021

Southwestern Illinois Levee Systems

By Jay Martin

woodplc.com



FEMA Submittal Summary

	Upper Wood River	E/W Forks Wood River	Lower Wood River	MESD	PDP/FL
County	Madison	Madison	Madison	Madison & St. Clair	St. Clair & Monroe
Initial Submittal	Mar. 10, 2017	Dec. 5, 2016	Oct. 17, 2018	Aug. 31, 2018	Jul. 6, 2017
FEMA Comments	Sep. 5, 2017	Jan. 26, 2018	Apr. 20, 2018	Mar. 2019	Jan. 26, 2018
2 nd Submittal	Jun. 18, 2018	Jun. 29, 2018	Jul. 13, 2018	Mar. 18, 2019	Jun. 29, 2018
FEMA Comments	Sep. 25, 2018	Sep. 24, 2018	Sep. 24, 2018	N/A	Sep. 24, 2018
Submit to ISWS	N/A	Oct. 24, 2018	Oct. 24, 2018	N/A	Oct. 24, 2018
ISWS Comments	N/A	Feb. 18, 2019	Feb. 19, 2019	N/A	Feb. 19, 2019
Resubmit to ISWS	N/A	Jul. 31, 2019	Jul. 31, 2019	N/A	N/A
ISWS / IDNR Comments	N/A	Aug. 7, 2019	Aug. 7, 2019	N/A	N/A
Resubmit to ISWS	N/A	Nov. 19, 2019	Nov. 19, 2019	N/A	N/A
IDNR Comments	N/A	Apr. 14, 2020	Apr. 14, 2020	N/A	N/A
Resubmit to IDNR	N/A	Apr. 24, 2020	Apr. 24, 2020	N/A	N/A
3 rd Submittal	Pending	Dec 15, 2020	Dec 15, 2020	N/A	Apr. 16, 2019
FEMA Comments				Apr. 29, 2019	Jul. 15, 2019
4 th Submittal					Jul. 24, 2019
FEMA Approval		Pending	Pending		Nov. 14, 2019



Authorized Level (~500-Year) Design

Wood River (Bid Packages 8, 9, & 10)

- Bid Package 8
 - Design is complete
 - USACE plans to bid this project in USACE FY2021
 - USACE has requested FPD Council CM support (WIK)
- Bid Packages 9 & 10
 - Because cost share requirements will have been met, these packages are not anticipated to be designed/constructed by FPD Council at this time.



Authorized Level (~500-Year) Design

MESD (Bid Packages 11, 12, 14B & 18A)

- Bid Packages 11
 - Currently being designed
 - **95% to be submittal to the USACE in March**
- Bid Package 12
 - Being Designed/Constructed by USACE
 - Land acquisition is underway



Authorized Level (~500-Year) Design

MESD (Bid Packages 11, 12, 14B & 18A)

- Bid Package 14B
 - Filter Blanket Under I-70 Bridge
 - Construction Postponed until USACE MESD Deep Cutoff Wall Project is complete (~2+ years)
 - ROW Acquisition from Terminal Railroad Association (TRRA) is underway
- Bid Package 18A
 - Pump Station Work in Cahokia, IL
 - Scope is being developed and will be coordinated with USACE.

5

A presentation by Wood.



Authorized Level (~500-Year) Design

Prairie du Pont & Fish Lake (Bid Packages 15, 16, & 17)

- Still working with USACE to validate solutions.
- 100% FPD Council funded design and construction (No Federal match)
- USACE Risk Review is complete
- USACE is reviewing our Drilling Program Plan
- Hope to begin drilling in February 2021.

6

A presentation by Wood.



Construction Update

- Bid Package 14A
 - Construction is substantially complete
- Bid Package 18
 - All relief wells are complete
 - Cahokia Pump Station forebay work is almost complete
 - Pipe/Manhole work is underway



wood.



Memo to: Board of Directors
From: Chuck Etwert
Subject: Amendments to Wood Work Orders #1, #3, #13, #14, #16, #18, #19, & #20
Date: January 14, 2021

As we start the New Year, it's time to bring the Work Orders with Wood Environment & Infrastructure Solutions, Inc. up to date, in regards to funding, periods of performance, and close out of completed Work Orders. Board action is required on extension of period of performance and additional funding, but not on the close out of Work Orders completed.

Work Orders Being Closed Out Due To Completion:

Wood Work Orders are issued as "Time and Material" contract type; therefore, after the scope of work for a particular work order is complete, any authorized funding that remains unused is kept by the Council. The following twelve Work Orders, mainly related to the 100-Year Accreditation Projects, have been completed and are ready for close-out.

Work Order #2 – Preliminary Design – \$173,718.37

Work Order #4 – 60% Design - \$27,891.82

Work Order #5 – Chain of Rocks Investigation - \$0

Work Order #6 - 408 Review - \$30,379.12

Work Order #7 Final Design – \$1,986.97

Work Order #8 Construction Management Services – \$4,392.25

Work Order #9 – Wood River Cut Off Walls - \$155,599.79

Work Order #10 – Construction Phase Services BP 7A & 7B - \$68,234.26

Work Order # 11 – FEMA Certification Services - \$13.42

Work Order #12 - Authorized level Planning Services - \$2.89

Work Order # 15 - East St. Louis 126-Inch Sewer Rehabilitation Design & Bid Phase
- \$29,654.85

Work Order # 17 - Life-Cycle Cost Analysis for FEMA Improvements - \$59,852.12

The closeout of these twelve Work Orders totals \$551,725.86.

Work Orders with Period of Performance Adjustments:

The Period of Performance needs to be extended on the following Work Orders with no additional funding.

Work Order #3 – Subsurface Investigation/Relief Well Testing Construction Services -
Amendment 8

Extending Period of Performance from August 18, 2010 to December 31, 2024

Work Order #13 – Wood River Authorized Level Field Investigation and Design -
Amendment 2

Extending Period of Performance from July 15, 2015 to December 31, 2024

Work Order #16 – Prairie Du Pont/Fish Lake Authorized Level Field Investigation and Design -
Amendment 2

Extending Period of Performance from September 21, 2016 to December 31, 2024

Work Order #18 – MESD C.O.W. Utility/Easement Assistance - Amendment 5

Extending Period of Performance from November 15, 2017 to December 31, 2024

Work Order #19 – Wood River LERRDs Services - Amendment 2

Extending Period of Performance from March 20, 2019 to December 31, 2024

Work Order #20 – Construction Phase Services - Amendment 1

Extending Period of Performance from December 18, 2019 to December 31, 2024

Work Orders with Funding and Period of Performance Adjustments:

There are two Work Orders which require extension of the Period of Performance and additional funding.

Work Order #1 – Program Management Services - Amendment 5

Extending Period of Performance from August 18, 2010 to December 31, 2024
Authorized Funding increase of \$330,400, from \$2,569,600 to \$2,900,600

Work Order #14 – Metro East Sanitary District Authorized Level Field Investigation and Design
– Amendment #6 - Amendment 2

Extending Period of Performance from September 16, 2015 to December 31, 2024
Authorized Funding increase of \$221,000, from \$7,174,032 to \$7,395,032

Copies of each Work Order Amendments are attached, and Wood will be available to answer any questions regarding the amendments.

Recommendation:

Authorize the Chief Supervisor to execute Work Order Amendments with Wood Environment & Infrastructure Solutions, Inc. for:

Work Order #1 – Program Management Services - Amendment 5

Extending Period of Performance from August 18, 2010 to December 31, 2024 and authorizing a funding increase of \$330,400, from \$2,569,600 to \$2,900,600

Work Order #3 – Subsurface Investigation/Relief Well Testing Construction Services - Amendment 8 - Extending Period of Performance from August 18, 2010 to December 31, 2024

Work Order #13 – Wood River Authorized Level Field Investigation and Design - Amendment 2 - Extending Period of Performance from July 15, 2015 to December 31, 2024

Work Order #14 – Metro East Sanitary District Authorized Level Field Investigation and Design – Amendment #6 - Amendment 2

Extending Period of Performance from September 16, 2015 to December 31, 2024 and authorizing a funding increase of \$221,000, from \$7,174,032 to \$7,395,032

Work Order #16 – Prairie Du Pont/Fish Lake Authorized Level Field Investigation and Design - Amendment 2 - Extending Period of Performance from September 21, 2016 to December 31, 2024

Work Order #18 – MESD C.O.W. Utility/Easement Assistance - Amendment 5 - Extending Period of Performance from November 15, 2017 to December 31, 2024

Work Order #19 – Wood River LERRDs Services - Amendment 2 - Extending Period of Performance from March 20, 2019 to December 31, 2024

Work Order #20 – Construction Phase Services - Amendment 1 - Extending Period of Performance from December 18, 2019 to December 31, 2024



WORK ORDER NO: MSA01-WO03 – Amendment 8

Subsurface Investigation/Relief Well Testing Construction Services

Issued Pursuant to Master Services Agreement Effective November 1, 2011
and Change of Name Notification dated April 16, 2018

By and Between

Wood, Environment & Infrastructure Solutions, Inc. (Wood)

and

Southwestern Illinois Flood Prevention District Council (CLIENT)

CLIENT Office:	<u>104 United Drive</u> <u>Collinsville, IL 62234</u>	Wood Project No:	<u>563170001</u>
CLIENT Contact:	<u>Charles Etwert</u>	Work Order Type: (Check One)	
Wood Office:	<u>15933 Clayton Road</u> <u>Suite 215</u> <u>Ballwin, MO 63011</u>	Time and Materials (rates attached)	<u>X</u>
		Fixed Price	<u> </u>
Wood Contact:	<u>Jon Omvig</u>	CLIENT Reference No:	<u>n/a</u>

1. SCOPE OF WORK: * No Change *
2. LOCATION/CLIENT FACILITY INVOLVED: Wood River Drainage and Levee District, Metro East Sanitary District, Prairie du Pont Levee and Sanitary District, and Fish Lake Drainage and Levee District.
3. PERIOD OF PERFORMANCE: August 18, 2010 through December 31, 2024
4. AUTHORIZED FUNDING: * No Change *
5. SPECIAL PROVISIONS: n/a

Southwestern Illinois Flood Prevention District Council

Wood, Environment & Infrastructure Solutions, Inc.

By: _____
Name: Charles Etwert
Title: Chief Supervisor of Construction and the Works
Date: _____
Address: 104 United Drive
Collinsville, IL 62234

By: _____
Name: Edwin Watkins
Title: Mississippi Valley Operations Manager
Date: _____
Address: 3800 Ezell Road
Nashville, TN 37211

**Attachment A
Scope of Work**

**WORK ORDER NO: MSA01-WO03
SUBSURFACE INVESTIGATION/RELIEF WELL TESTING CONSTRUCTION SERVICES
Amendment #7**

Wood Project No: 563170001

Scope of Work per Work Order 03, as amended.

WORK ORDER 03 SUMMARY:

Total for Original Agreement	=\$5,688,333.00
Total for Amendment 1	=\$ N/A
Total for Amendment 2	=\$1,200,000.00
Total for Amendment 3	=\$ N/A
Total for Amendment 4	=\$ N/A
Total for Amendment 5	=\$ 110,000.00
Total for Amendment 6	=\$ N/A
Total for Amendment 7	=\$ N/A
Total for Amendment 8	=\$ N/A
Total for Work Order 03	=\$6,998,333.00

WORK ORDER NO: MSA01-WO13 – Amendment 2

Wood River Authorized Level Field Investigation and Design

Issued Pursuant to Master Services Agreement Effective November 1, 2011
and Change of Name Notification dated April 16, 2018

By and Between

Wood, Environment & Infrastructure Solutions, Inc. (Wood)

and

Southwestern Illinois Flood Prevention District Council (CLIENT)

CLIENT Office:	<u>104 United Drive</u> <u>Collinsville, IL 62234</u>	Wood Project No:	<u>563170001</u>
CLIENT Contact:	<u>Charles Etwert</u>	Work Order Type: (Check One)	
Wood Office:	<u>15933 Clayton Road</u> <u>Suite 215</u> <u>Ballwin, MO 63011</u>	Time and Materials (rates attached)	<u>X</u>
		Fixed Price	<u> </u>
Wood Contact:	<u>Jon Omvig</u>	CLIENT Reference No:	<u>n/a</u>

1. SCOPE OF WORK: * No Change *
2. LOCATION/CLIENT FACILITY INVOLVED: Wood River Drainage and Levee District
3. PERIOD OF PERFORMANCE: July 15, 2015 through December 31, 2024
4. AUTHORIZED FUNDING: * No Change *
5. SPECIAL PROVISIONS: n/a

Southwestern Illinois Flood Prevention District Council

Wood, Environment & Infrastructure Solutions, Inc.

By: _____
Name: Charles Etwert
Title: Chief Supervisor of Construction and the Works
Date: _____
Address: 104 United Drive
Collinsville, IL 62234

By: _____
Name: Edwin Watkins
Title: Mississippi Valley Operations Manager
Date: _____
Address: 3800 Ezell Road
Nashville, TN 37211

**Attachment A
Scope of Work**

**WORK ORDER NO: MSA01-WO13
Wood River Authorized Level Field Investigation and Design
Amendment #2**

Wood Project No: 563170001

Scope of Work per Work Order 13, as amended.

WORK ORDER 13 SUMMARY:

Total for Original Agreement	=\$2,462,000.00
Total for Amendment 1	= N/A
Total for Amendment 2	= N/A
Total for Work Order 13	=\$2,462,000.00



WORK ORDER NO: MSA01-WO16 – Amendment #2

Prairie du Pont / Fish Lake Authorized Level Field Investigation and Design

Issued Pursuant to Master Services Agreement Effective November 1, 2011
and Change of Name Notification dated April 16, 2018

By and Between

Wood Environment and Infrastructure Solutions, Inc. (Wood)

and

Southwestern Illinois Flood Prevention District Council (CLIENT)

CLIENT Office:	<u>104 United Drive</u> <u>Collinsville, IL 62234</u>	Wood Project No:	<u>563170001</u>
CLIENT Contact:	<u>Charles Etwert</u>	Work Order Type: (Check One)	
Wood Office:	<u>15933 Clayton Road</u> <u>Suite 215</u> <u>Ballwin, MO 63011</u>	Time and Materials	<u>X</u>
		Fixed Price	<u> </u>
Wood Contact:	<u>Randy Cook Jr.</u>	CLIENT Reference No:	<u>n/a</u>

1. SCOPE OF WORK: See Attachment A (incorporated herein by reference)

2. LOCATION/CLIENT FACILITY INVOLVED: Prairie du Pont Levee and Sanitary District, and Fish Lake Drainage and Levee District.

3. PERIOD OF PERFORMANCE: September 21, 2016 through December 31, 2024

4. AUTHORIZED FUNDING: *No Change*

5. SPECIAL PROVISIONS: n/a

Southwestern Illinois Flood Prevention District Council

Wood Environment & Infrastructure Solutions, Inc.

By: _____
Name: Charles Etwert
Title: Chief Supervisor of Construction and the Works
Date: _____
Address: 104 United Drive
Collinsville, IL 62234

By: _____
Name: Edwin Watkins
Title: Mississippi Valley Operations Manager
Date: _____
Address: 3800 Ezell Road
Nashville, TN 37211



**Attachment A
Scope of Work**

**WORK ORDER NO: MSA01-WO16
Prairie du Pont / Fish Lake Authorized Level Field Investigation and Design**

Amendment #2

Scope of Work per Work Order 16, as amended.

WORK ORDER 16 SUMMARY:

Total for Original Agreement	= \$3,486,000.00
Total for Amendment #1	= \$2,981,000.00
<u>Total for Amendment #2</u>	= N/A
Total for Work Order 16	= \$6,467,000.00



WORK ORDER NO: MSA01-WO18 – Amendment #5

MESD C.O.W. Utility/Easement Assistance

Issued Pursuant to Master Services Agreement Effective November 1, 2011
and Change of Name Notification dated April 16, 2018

By and Between

Wood Environment and Infrastructure Solutions, Inc. (Wood)

and

Southwestern Illinois Flood Prevention District Council (CLIENT)

CLIENT Office:	<u>104 United Drive</u> <u>Collinsville, IL 62234</u>	Wood Project No:	<u>563170001</u>
CLIENT Contact:	<u>Charles Etwert</u>	Work Order Type: (Check One)	
Wood Office:	<u>15933 Clayton Road</u> <u>Suite 215</u> <u>Ballwin, MO 63011</u>	Time and Materials	<u>X</u>
		Fixed Price	<u> </u>
Wood Contact:	<u>Randy Cook Jr.</u>	CLIENT Reference No:	<u>n/a</u>

1. SCOPE OF WORK: See Attachment A (incorporated herein by reference)
2. LOCATION/CLIENT FACILITY INVOLVED: Metro East Sanitary District

3. PERIOD OF PERFORMANCE: November 15, 2017 through December 31, 2024
4. AUTHORIZED FUNDING: *No Change*
5. SPECIAL PROVISIONS: n/a

Southwestern Illinois Flood Prevention District Council

Wood Environment & Infrastructure Solutions, Inc.

By: _____
Name: Charles Etwert
Title: Chief Supervisor of Construction and the Works
Date: _____
Address: 104 United Drive
Collinsville, IL 62234

By: _____
Name: Edwin Watkins
Title: Mississippi Valley Operations Manager
Date: _____
Address: 3800 Ezell Road
Nashville, TN 37211



**Attachment A
Scope of Work**

**WORK ORDER NO: MSA01-WO18
Program Management Services**

Amendment #5

Scope of Work per Work Order 18, as amended.

WORK ORDER 18 SUMMARY:

Total for Original Agreement	= \$	50,000.00
Total for Amendment #1	=	45,000.00
Total for Amendment #2	= \$	160,000.00
Total for Amendment #3	=	130,000.00
Total for Amendment #4	= \$	410,000.00
Total for Amendment #5	= \$	N/A
Total for Work Order 18	= \$	795,000.00



WORK ORDER NO: MSA01-WO19 – Amendment #2

Wood River LERRDs Services

Issued Pursuant to Master Services Agreement Effective November 1, 2011
and Change of Name Notification dated April 16, 2018

By and Between

Wood Environment and Infrastructure Solutions, Inc. (Wood)

and

Southwestern Illinois Flood Prevention District Council (CLIENT)

CLIENT Office:	<u>104 United Drive</u> <u>Collinsville, IL 62234</u>	Wood Project No:	<u>563170001</u>
CLIENT Contact:	<u>Charles Etwert</u>	Work Order Type: (Check One)	
Wood Office:	<u>15933 Clayton Road</u> <u>Suite 215</u> <u>Ballwin, MO 63011</u>	Time and Materials	<u>X</u>
		Fixed Price	<u> </u>
Wood Contact:	<u>Randy Cook Jr.</u>	CLIENT Reference No:	<u>n/a</u>

1. SCOPE OF WORK: See Attachment A (incorporated herein by reference)
2. LOCATION/CLIENT FACILITY INVOLVED: Lower Wood River Levee System
3. PERIOD OF PERFORMANCE: March 20, 2019 through December 31, 2024
4. AUTHORIZED FUNDING: *No Change*
5. SPECIAL PROVISIONS: n/a

Southwestern Illinois Flood Prevention District Council

Wood Environment & Infrastructure Solutions, Inc.

By: _____
Name: Charles Etwert
Title: Chief Supervisor of Construction and the Works

By: _____
Name: Edwin Watkins
Title: Mississippi Valley Operations Manager

Date: _____
Address: 104 United Drive
Collinsville, IL 62234

Date: _____
Address: 3800 Ezell Road
Nashville, TN 37211

**Attachment A
Scope of Work**

WORK ORDER NO: MSA01-WO19

Amendment 2

Scope of Work per Work Order 19, as amended.

WORK ORDER 19 SUMMARY

Total for Original Agreement	=	\$235,000.00
Total for Amendment #1	=	\$177,000.00
Total for Amendment #2	=	N/A
Total for Work Order 19	=	\$412,000.00



WORK ORDER NO: MSA01-WO20 – Amendment #1

CONSTRUCTION PHASE SERVICES

Issued Pursuant to Master Services Agreement Effective November 1, 2011
and Change of Name Notification dated April 16, 2018

By and Between

Wood Environment and Infrastructure Solutions, Inc. (Wood)

and

Southwestern Illinois Flood Prevention District Council (CLIENT)

CLIENT Office:	<u>104 United Drive</u> <u>Collinsville, IL 62234</u>	Wood Project No:	<u>563170001</u>
CLIENT Contact:	<u>Charles Etwert</u>	Work Order Type: (Check One)	
Wood Office:	<u>15933 Clayton Road</u> <u>Suite 215</u> <u>Ballwin, MO 63011</u>	Time and Materials	<u>X</u>
		Fixed Price	<u> </u>
Wood Contact:	<u>Randy Cook Jr.</u>	CLIENT Reference No:	<u>n/a</u>

1. SCOPE OF WORK: See Attachment A (incorporated herein by reference)
2. LOCATION/CLIENT FACILITY INVOLVED: Wood River Drainage and Levee District, Metro East Sanitary District, Prairie du Pont Levee and Sanitary District, and Fish Lake Drainage and Levee District.
3. PERIOD OF PERFORMANCE: December 18, 2019 through December 31, 2024
4. AUTHORIZED FUNDING: *No Change*
5. SPECIAL PROVISIONS: n/a

Southwestern Illinois Flood Prevention District Council

Wood Environment & Infrastructure Solutions, Inc.

By: _____
Name: Charles Etwert
Title: Chief Supervisor of Construction and the Works
Date: _____
Address: 104 United Drive
Collinsville, IL 62234

By: _____
Name: Edwin Watkins
Title: Mississippi Valley Operations Manager
Date: _____
Address: 3800 Ezell Road
Nashville, TN 37211



**Attachment A
Scope of Work**

**WORK ORDER NO: MSA01-WO20
Program Management Services**

Amendment #1

Scope of Work per Work Order 20.

WORK ORDER 20 SUMMARY:

Total for Original Agreement = \$2,500,000.00

Total for Amendment #1 = N/A

Total for Work Order 20 = \$2,500,000.00



WORK ORDER NO: MSA01-WO01 – Amendment #5

PROGRAM MANAGEMENT SERVICES

Issued Pursuant to Master Services Agreement Effective November 1, 2011
and Change of Name Notification dated April 16, 2018

By and Between

Wood Environment and Infrastructure Solutions, Inc. (Wood)

and

Southwestern Illinois Flood Prevention District Council (CLIENT)

CLIENT Office:	<u>104 United Drive</u> <u>Collinsville, IL 62234</u>	Wood Project No:	<u>563170001</u>
CLIENT Contact:	<u>Charles Etwert</u>	Work Order Type: (Check One)	
Wood Office:	<u>15933 Clayton Road</u> <u>Suite 215</u> <u>Ballwin, MO 63011</u>	Time and Materials	<u>X</u>
		Fixed Price	<u> </u>
Wood Contact:	<u>Randy Cook Jr.</u>	CLIENT Reference No:	<u>n/a</u>

1. SCOPE OF WORK: See Attachment A (incorporated herein by reference)
2. LOCATION/CLIENT FACILITY INVOLVED: Wood River Drainage and Levee District, Metro East Sanitary District, Prairie du Pont Levee and Sanitary District, and Fish Lake Drainage and Levee District.
3. PERIOD OF PERFORMANCE: August 18, 2010 through December 31, 2024
4. AUTHORIZED FUNDING: \$330,400.00
5. SPECIAL PROVISIONS: n/a

Southwestern Illinois Flood Prevention District Council

Wood Environment & Infrastructure Solutions, Inc.

By: _____
Name: Charles Etwert
Title: Chief Supervisor of Construction and the Works
Date: _____
Address: 104 United Drive
Collinsville, IL 62234

By: _____
Name: Edwin Watkins
Title: Mississippi Valley Operations Manager
Date: _____
Address: 3800 Ezell Road
Nashville, TN 37211

**Attachment A
Scope of Work**

**WORK ORDER NO: MSA01-WO01
Program Management Services**

Amendment #5

Services to be provided by Wood under this Work Order include Program Management Services in support of the design, construction and certification of the levee systems. Program Management Services to be provided by Wood under this Work Order include:

1. PROGRAM MANAGEMENT PLAN DEVELOPMENT AND MAINTENANCE

In accordance with Wood Management System policies and procedures, develop and maintain a Program Management Plan (PMP) to facilitate quality and effective program delivery. The PMP functions as an instrument to document and disseminate critical program information to the project team. The PMP also functions as a tool to communicate to the client, Wood understands of the program objectives and approach. The PMP will be updated and re-distributed on an as-needed basis. The PMP will include development and documentation of the following:

Program Objectives

- scope of services and program deliverables
- safety, health and environment guidelines and training requirements
- program task milestone summary (initial investigations thru re-accreditation)
- capital funding milestone summary
- program cost milestone summary
- program schedule milestone summary (initial investigations thru re-accreditation)

Program Management System

- project roles, responsibilities and authorities
- internal communication and decision-making protocol
- external communication procedures
- progress and status reporting guidelines and schedules
- internal program review, audit and corrective action procedures
- external program review and corrective action procedures
- project change management system procedures
- administrative work instructions and forms
- computer hardware and software requirements and support systems
- security and confidentiality requirements

Document and Data Management

- drawing and document numbering and file naming conventions and systems
- filing and archiving systems and procedures
- signatory authority
- professional seal authority
- document owners and controllers

Design Control

- design procedures and work instructions
- design standards
- design criteria
- design reviews
- design checking and verification

Program Management Services

- planning and scheduling
- program cost estimating
- program controls
- sub-consultant contract administration
- coordination with USACE and development of a MOU
- coordination with FEMA and development of a MOU
- coordination with the levee districts
- community outreach
- QA manager oversight
- safety officer oversight
- dispute resolution services
- attendance at monthly council meetings
- preparation of presentation materials for monthly council meetings
- coordination meetings with client

2. **PLANNING AND SCHEDULING**

Develop a program implementation and delivery strategy.

- 2.1. Based on currently available information and work completed to date, develop a preliminary program implementation and delivery strategy
 - identify design tasks/packages
 - identify permitting tasks/packages
 - identify land/right-of-way acquisition tasks/packages
 - identify construction packages
 - identify certification packages
 - develop construction cost estimates for each package
 - develop a detailed program schedule
 - identify funding requirements (amounts and timelines)
 - document the program implementation and delivery strategy in the PMP
- 2.2. As the program progresses, periodically update the program implementation and delivery strategy documented in the PMP.

3. **PROGRAM COST ESTIMATING**

3.1. Based on currently available information and work completed to date develop preliminary program cost estimates. As the program progresses, periodically update the program cost estimates for:

- Professional Fees
- Real Estate Acquisition Costs
- Utility Relocation Costs
- Permit Fees
- Mitigation Costs
- Construction Costs
- Certification Costs

Deliverables:

- Updated Program Cost Estimates

4. **PROGRAM CONTROLS**

Based on baseline budgets and baseline schedules, monitor and manage the program performance.

- track program cost
- monitor program budget
- track program progress
- monitor program schedule
- schedule and cost variance management and corrective action plans

Deliverables:

MONTHLY PROGRAM REPORT (AS APPLICABLE)

- safety, health and environment
- program management services completed this month
- program management services to be completed next month
- professional services completed this month
- professional services to be completed next month
- construction completed this month
- construction to be completed next month
- certification services completed this month
- certification services to be completed next month
- status of deliverables
- schedule updates
- technical decision memo status update
- change notice status update
- key issues
- program action list

5. **SUB-CONSULTANT CONTRACT ADMINISTRATION**

- 5.1. Enter into sub-consultant agreements with proposed consultants providing professional services, including companies providing drilling/subsurface exploration services, geophysical services and well testing. Administer the sub-consultant contracts and manage the sub-consultant.
- 5.2. Evaluate expertise and capacity of proposed sub-consultants
 - obtain and review resumes and project experience
 - obtain and review current backlog and projected backlog estimates
 - obtain and review certified overhead rate data
- 5.3. Identify scope of work for each sub-consultant
- 5.4. Negotiate scope, schedule and fee with each sub-consultant and enter into a sub-consulting agreement
- 5.5. Administer the sub-consultant agreements
 - provide PMP training
 - obtain insurance certificates
 - review quality assurance documentation
 - record document management
 - archive document management
 - obtain, review and process PMP performance metrics reporting
 - review progress reports and invoices
 - process invoices
- 5.6. Manage sub-consultant professional services
 - coordinate schedules
 - conduct coordination meetings
 - review progress submittals
 - review final work product deliverables
- 5.7. As the program progresses, periodically update the Implementation and Delivery Plan and PMP.

6.

7. **COORDINATION WITH USACE AND DEVELOPMENT OF A MOU**

- 7.1. Coordinate program efforts with the USACE and work to establish an MOU with the USACE to address:
 - maximizing eligibility of the proposed deficiency repairs for federal funding
 - establishment of a USACE scope of review for the proposed deficiency repairs
 - verify that the USACE will not consider the proposed deficiency repairs to be a detriment to the authorized level of protection

8. **COORDINATION WITH FEMA**

- 8.1. Coordinate certification efforts with FEMA.

9. COORDINATION WITH THE LEVEE DISTRICTS

- 9.1. Coordinate with the levee districts, to include:
- Review of design concepts
 - Evaluation of proposed O&M procedures
 - Land Acquisition activities

10. COMMUNITY OUTREACH PROGRAM

- 10.1. Support community outreach programs developed by others.

11. QA MANAGER OVERSIGHT

- 11.1. The QA Manager will monitor design activities for compliance with the required QC reviews are being completed. The QA Manager will also conduct periodic audits to verify QC reviews are being completed in accordance with the PMP requirements.

12. SAFETY OFFICER OVERSIGHT

The Safety Officer will assist with the development of the safety, health and environment guidelines and assist with training. The Safety Officer will monitor program activities for compliance with the required safety, health and environment guidelines are implemented and that ongoing training is provided.

13. ATTENDANCE AT MONTHLY COUNCIL MEETINGS

- 13.1. Wood representative to attend monthly Council meetings in support of the Chief of the Works reporting of program status to the Council.

14. PREPARATION OF PRESENTATION MATERIALS FOR MONTHLY COUNCIL MEETINGS

- 14.1. Prepare presentation materials in support of the Chief of the Works reporting of program status to the Council.

15. COORDINATION MEETINGS WITH CLIENT

- 15.1. Wood representative will attend meetings with the Chief of Works to discuss program status on an as needed/requested basis.

WORK ORDER 01 SUMMARY:

Total for Original Agreement	= \$1,469,000.00
Total for Amendment #1	= N/A
Total for Amendment #2	= \$ 700,600.00
Total for Amendment #3	= N/A
Total for Amendment #4	= \$ 400,000.00
Total for Amendment #5	= \$ 330,400.00
Total for Work Order 01	= \$2,900,000.00



WORK ORDER NO: MSA01-WO14 - AMENDMENT #6

Metro East Sanitary District Authorized Level Field Investigation and Design

Issued Pursuant to Master Services Agreement Effective November 1, 2011

and Change of Name Notification dated April 16, 2018

By and Between

Wood Environment & Infrastructure Solutions, Inc. (Wood) *and*
Southwestern Illinois Flood Prevention District Council (CLIENT)

CLIENT Office: 104 United Drive
Collinsville, IL 62234

Wood Project No: 563170001

CLIENT Contact: Charles Etwert

Work Order Type: (Check One)

Wood Office: 15933 Clayton Road
Suite 215
Ballwin, MO 63011

Time and Materials X

Fixed Price _____

Wood Contact: Jon Omvig

CLIENT Reference No: n/a

1. SCOPE OF WORK: Addition of flow monitoring services to existing scope of work.

2. LOCATION/CLIENT FACILITY INVOLVED: Metro East Sanitary District Levee System

3. PERIOD OF PERFORMANCE: September 16, 2015 through December 31, 2024

4. AUTHORIZED FUNDING: \$221,000

5. SPECIAL PROVISIONS: n/a

**Southwestern
Illinois Flood Prevention District Council**

**Wood Environment & Infrastructure
Solutions, Inc.**

By: _____

By: _____

Name: Charles Etwert

Name: Stephen P. Stumne

Title: Chief Supervisor of
Construction and the Works

Title: St. Louis Office Manager

Date: _____

Date: _____

Address: 104 United Drive
Collinsville, IL 62234

Address: 15933 Clayton Road, Suite 215
Ballwin, MO 63011

**Attachment A
Scope of Work**

**WORK ORDER NO: MSA01-WO14
Metro East Sanitary District Authorized Level Field Investigation and Design
Amendment #6**

Wood's services will include review of the specific Authorized Level improvements identified by the U.S. Army Corps of Engineers (USACE) in the *Limited Reevaluation Report, Design Deficiency Corrections, East St. Louis, Illinois Flood Protection Project, Madison County, IL*, dated August, 2010. Wood will also review supplemental reports and additional pertinent documents (if any are available) prepared after the reevaluation reports, if provided by USACE. Wood's review of the reports is for the purpose of proposing a schedule to the Southwestern Illinois Flood Protection District Council (SIFPDC) for the design and construction of Authorized Level improvements identified by USACE. Wood's services do not include an analysis of the existing condition of the levees or an analysis of whether the improvements recommended in the Reports provide the level of protection indicated and/or desired by USACE. Wood is relying upon the Reports for such recommendations and identification.

Services to be provided by Wood under this Work Order include complete Construction Documents and associated Design Services in support of the design and construction of levee improvements throughout the Metro East Sanitary District (MESD) Levee system to protect against the Authorized Level Flood Event, as defined by the Corps of Engineers. Services to be provided by Wood under this Work Order include:

1. LAND SURVEYS

- 1.1. Prepare land-based topographic surveys to locate limits of physical features, ground elevations and improvements to supplement aerial photos and Lidar survey data.
- 1.2. Prepare boundary surveys for those properties that will require fee simple ROW acquisition, to include:
 - obtain a title commitment (in anticipation of the purchase of title insurance)
 - prepare a property boundary survey meeting the minimum standards of an "Urban Class Boundary Survey" or ALTA/ASCM land title survey

- 1.3. Prepare strip map surveys for those properties that will require an easement for ROW acquisition, to include:
 - obtain an informational title commitment (no title insurance)
 - prepare a property boundary survey meeting the minimum standards of an “Urban Class Boundary Survey” or ALTA/ASCM land title survey
- 1.4. Prepare permanent easement and temporary construction easement (TCE) acquisition documents, to include:
 - recordable exhibit
 - legal description
 - permanent easement language
 - TCE language
 - calculate area to be acquired

2. ASSIST USACE WITH UNDERSEEPAGE ANALYSIS

- 2.1. Support The U.S. Army Corps of Engineers St. Louis District with information needed for underseepage analysis. Much work has been completed by Wood, on behalf of the FPD Council, in MESD; Wood will use its expertise, experience, and data to ensure the St. Louis District is basing their underseepage solutions for the Authorized Level Flood Event on not only Corps-obtained data and analyses, but also on FPD Council-obtained data.

3. SEEPAGE BERM / CLAY CAP / FILL SOLUTIONS

- 3.1. The design solutions proposed by the St. Louis District will be reviewed in conjunction with the other underseepage solutions planned and the through-seepage alternative solutions will be evaluated to provide a constructible and efficient approach
- 3.2. Prepare utility relocation construction documents for non-utility company relocated utilities, to include:
 - construction drawings
 - specifications
 - construction cost estimate
- 3.3. Coordinate utility relocations for utility company relocated utilities, to include:
 - coordinate conflict resolution
 - coordinate schedule
 - coordinate relocation cost
- 3.4. Drill Seepage Berm Soil Borings
 - sub-contract with driller(s) to perform soil borings according to approved Drilling Plan
 - conduct soil borings at each proposed seepage berm location in accordance with the approved Drilling Plan.

- provide drilling oversight and coordination, health and safety plans, and procurement
- provide a qualified on-site drill rig monitor to supervise the work and log samples

Note:

All laboratory testing associated with seepage berm soil borings will be conducted by USACE, including determination of grain size at various aquifer depths and classification of soils; furthermore, USACE will be preparing the soil borings for use in Bentley gINT software. The aforementioned items are specifically excluded from the Wood scope of work.

- 3.5. Prepare complete seepage berm / clay cap / gravel ditch fill construction drawings, to include:
 - limits of existing right-of-way
 - limits of new right-of-way
 - limits of temporary construction easements
 - limits of wetlands and limits of assumed wetland disturbance
 - aerial photo background
 - topographic information (existing contours and utilities)
 - length, width, depth and location of seepage berms
 - length, height and location of clay blankets
 - length and location of gravel ditch fill
 - appurtenant ditching, road relocation, etc.
- 3.6. Prepare complete seepage berm / clay cap / fill specifications.
- 3.7. Prepare a construction cost estimate.
- 3.8. Prepare Hydrologic and Hydraulic (H&H) modeling for interior drainage impacts associated with design improvements for submittal to regulatory agencies as needed.
- 3.9. All designs will be in accordance with USACE practices and procedures to ensure Work-in-kind credit is obtained.

4. RELIEF WELL SOLUTIONS (NEW & REHABILITATED)

- 4.1. GEOTECHNICAL ANALYSIS AND DESIGN
- 4.2. Confirm re-use or abandonment of existing Relief Wells with the St. Louis District.
- 4.3. Prepare complete utility relocation construction documents, to include:
 - construction drawings
 - specifications
 - construction cost estimate
- 4.4. Prepare complete utility relocation construction documents for non-utility company relocated utilities, to include:
 - construction drawings

- specifications
 - construction cost estimate
- 4.5. Coordinate utility relocations for utility company relocated utilities, to include:
- coordinate conflict resolution
 - coordinate schedule
 - coordinate relocation cost
- 4.6. Drill Pilot Holes
- sub-contract with driller(s) to perform pilot holes according to approved Drilling Plan
 - conduct a pilot hole at each proposed relief well location that does not already have an associated pilot hole
 - each pilot hole will be an SPT soil boring to a depth approximately 10 feet below the estimated bottom of the new relief well
 - provide drilling oversight and coordination, health and safety plans, and procurement
 - provide a qualified on-site drill rig monitor to supervise the work and log samples

Note:

All laboratory testing associated with relief well pilot holes will be conducted by USACE, including determination of grain size at various aquifer depths and classification of soils; furthermore, USACE will be preparing the soil borings (pilot holes) for use in Bentley gINT software. The aforementioned items are specifically excluded from the Wood scope of work.

- 4.7. Prepare complete relief well construction drawings, to include:
- limits of existing right-of-way
 - limits of new right-of-way
 - limits of temporary construction easements
 - limits of wetlands and limits of assumed wetland disturbance
 - aerial photo background
 - topographic information (existing contours and utilities)
 - existing relief wells to be abandoned
 - existing relief wells to be rehabilitated
 - existing relief wells to be rehabilitated and converted from D type to T type
 - new D type and new T type relief wells
 - appurtenant relief well discharge ditching, conveyance, storage, etc.
- 4.8. Prepare specification for abandonment of unneeded or deficient relief wells.
- 4.9. Prepare specification for installation of new relief wells.
- 4.10. Prepare a construction cost estimate.
- 4.11. All designs will be in accordance with USACE practices and procedures to ensure Work-in-kind credit is obtained.

5. GENERAL CIVIL IMPROVEMENTS (NEW PUMP STATIONS, CONVEYANCE SYSTEMS, ROADS)

- 5.1. Complete full design of 2 pump stations, including geotechnical analysis, mechanical design, electrical design, plumbing design, structural design, and general civil design.
- 5.2. All designs will be in accordance with USACE practices and procedures to ensure Work-in-kind credit is obtained.
- 5.3. Coordinate with pump station appurtenances suppliers to design 3 new pump stations.
- 5.4. Drill Pump Station Soil Borings
 - sub-contract with driller(s) to perform soil borings according to approved Drilling Plan
 - conduct soil borings at each proposed pump station location in accordance with the approved Drilling Plan.
 - provide drilling oversight and coordination, health and safety plans, and procurement
 - provide a qualified on-site drill rig monitor to supervise the work and log samples

Note:

All laboratory testing associated with pump station soil borings will be conducted by USACE, including determination of grain size at various aquifer depths and classification of soils; furthermore, USACE will be preparing the soil borings for use in Bentley gINT software. The aforementioned items are specifically excluded from the Wood scope of work.

- 5.5. Prepare complete civil construction drawings, to include:
 - limits of existing right-of-way
 - limits of new right-of-way
 - limits of temporary construction easements
 - limits of wetlands and limits of assumed wetland disturbance
 - aerial photo background
 - topographic information (existing contours and utilities)
 - new pump stations
 - gravity drain rehabilitation
 - appurtenant ditching, road relocation, etc.
- 5.6. Prepare complete specifications.
- 5.7. Prepare a construction cost estimate.

6. STAKEHOLDER COORDINATION

- 6.1. Meet with the Council as needed to present and discuss design progress.
- 6.2. Attend public meetings as needed to present design progress.

6.3. Attend meetings as needed with MESD to discuss design solutions.

6.4. Attend coordination meetings with the USACE as needed.

7. **BID PHASE SERVICES**

7.1. Provide bid procurement services for each bid package, to include:

- Advertisement
- Pre-Bid Meeting
- Respond to question regarding the clarity or intent of the contract documents.
- Prepare and issue addenda.
- Receive and open bids in public forum

7.2. Coordinate with construction management team to review bids and recommend contractor selection for each bid package.

AMENDMENT 1 – (03/11/2016)

51 Additional Borings

Perform up to 51 additional borings in accordance with the scope of work listed in Work Order 14, Attachment A. Includes Coordination with USACE, preparing exhibits, staking out points, field walk(s) with USACE, drilling, logging, and final survey of the “as-drilled” location”. Does not include lab work associated with the borings.

AMENDMENT 2 – (03/15/2017)

Removal of 45 Borings from Scope of Work

Remove Borings 16-MESD-1386 through 16-MESD-1430 from the original scope of work (45 Borings). Credit costs associated with drilling and drilling oversight.

Credit for Removal of 45 Borings = (\$420,000)

Terminal Railroad Association Right of Entry Agreement Costs

Costs associated with accessing property owned by Terminal Railroad Association (TRRA).

Amount for TRRA Right of Entry Agreements = \$50,000

AMENDMENT 3 – (08/16/2017)

Addition of 35 MESD Deep Cutoff Wall Borings to Scope of Work

Add 35 Borings (including drilling, oversight & logging, lab work, railroad fees) to the original scope of work:

1. 16-MESDCW-101
2. 16-MESDCW-103
3. 16-MESDCW-105
4. 16-MESDCW-107
5. 16-MESDCW-109
6. 16-MESDCW-111
7. 16-MESDCW-111DMT
8. 16-MESDCW-113
9. 16-MESDCW-115
10. 16-MESDCW-116DMT
11. 16-MESDCW-117
12. 16-MESDCW-119
13. 16-MESDCW-121
14. 16-MESDCW-301
15. 16-MESDCW-303
16. 16-MESDCW-305
17. 16-MESDCW-309
18. 16-MESDCW-311
19. 16-MESDCW-311DMT
20. 16-MESDCW-313
21. 16-MESDCW-315
22. 16-MESDCW-316
23. 16-MESDCW-316DMT
24. 16-MESDCW-318
25. 16-MESDCW-320
26. 16-MESDCW-508
27. 16-MESDCW-513
28. 16-MESDCW-517
29. 16-MESDCW-518
30. 16-MESD-LS03
31. 16-MESD-LS05
32. 16-MESD-LS07
33. 16-MESD-LS09
34. 16-MESD-LS11
35. 16-MESD-LS13

Lab Work Associated with 35 MESD Deep Cutoff Wall Borings:

Perform necessary lab work associated with the 35 MESD deep cut off wall borings

Land Access & Railroad Fees:

Cost for obtaining right of entry agreements (fees), costs for required railroad flaggers during boring work, and labor to obtain all necessary site access.

AMENDMENT 4 – (05/16/2018)

Design and Bid Phase Services for Cahokia Relief Well Project:

Background: USACE designed a relief well and box culvert project titled “Underseepage Controls Sta 1207+00 to 1352+00” (the “Cahokia Relief Well Project”). Due to USACE funding limitations and the FPD Council’s desire to provide cost share as work-in-kind, the FPD Council, Wood, and USACE have agreed that the larger East St. Louis Flood Protection Project (The MESD Authorized Level Project) is best served if the FPD Council bids and constructs the Cahokia Relief Well Project. The FPD Council cannot issue USACE designs for bid; therefore, Wood will again serve as engineer of record and will review and complete the USACE design, then sign and seal the bid documents.

Services to be provided by Wood under this Work Order include 100% complete Construction Documents and associated Design Services in support of the design of the Cahokia Relief Well Project, which will be called “Southwestern Illinois Levee Authorized Level Design – Bid Package 18 – Cahokia Relief Wells”. Additional services to be provided by Wood under this Work Order include:

Task List:

1. Develop schedule.
2. Coordination with USACE throughout design and bidding.
3. Obtain the following items from USACE:
 - Recent/revised models and calculations
 - Recent survey work (none provided)
 - CAD Files/Line work (Microstation)
 - Electronic copies of plans and specs (SpecsIntact version to be included)
 - Records of meeting with utility companies
 - Copy of ATR report
 - Permits (none provided)
4. Implement process to track changes to USACE Plans and Specifications.
5. 100% Complete Construction Document Preparation
 - Prepare 100% complete and Issue for Bid construction drawings for the Cahokia Relief Well Project.
6. Prepare 100% complete and Issue for Bid project specifications for the Cahokia Relief Well Project.
7. Prepare 100% complete and Issue for Bid construction cost estimate for the Cahokia Relief Well Project.
8. Utility Coordination for Cahokia Relief Well Project.
 - Submit sealed construction drawings and required documentation for each bid package to affected utility companies for verification of public utility conflicts.
 - Coordinate with affected utility companies for utility relocations.
 - Obtain estimated cost for utility company relocated facilities.

9. Permitting

- Submit sealed construction documents and required documentation for the Cahokia Relief Well Project to applicable regulatory agencies:
- Coordinate with regulatory agencies, revise plans as required and pursue approvals.
- Obtain estimated cost for utility company relocated facilities.

10. Bid Phase Services

- Provide bid procurement services for the Cahokia Relief Well Project, to include:
 - Advertisement
 - Pre-Bid Meeting
 - Respond to questions regarding the clarity or intent of the contract documents.
 - Prepare and issue addenda.
 - Receive and open bids in public forum.

AMENDMENT 5 – (03/20/2019)

Relief Well Flow Monitoring Services:

Wood will conduct flow monitoring on relief wells as needed to design the Design Deficiency Corrections for East St. Louis, Illinois Flood Protection Project (The MESD Authorized Level Project). Wood will use available funds in this work order to compete any necessary flow monitoring.

AMENDMENT 6 – (01/20/2021)

Bid Package 18A:

Design and USACE coordination associated with the project Bid Package 18A, which is anticipated to include replacement and modification to existing pump stations and collection system(s) in Cahokia, Illinois.

WORK ORDER 14 SUMMARY:

Total for Original Agreement	=\$5,972,432
Total for Amendment 1	=\$ 475,000
Total for Amendment 2	=(\$ 370,000)
Total for Amendment 3	=\$ 851,600
Total for Amendment 4	=\$ 245,000
Total for Amendment 5	=\$ 0
Total for Amendment 6	=\$ 221,000
Total for Work Order 14	=\$7,395,032



Memo to: Board of Directors
From: Chuck Etwert
Subject: Corps of Engineers Update
Date: January 14, 2021

Attached is Tracey Kelsey's Corps of Engineers Update, which is included in the agenda package since the meeting is being conducted via teleconference. Tracey will present the Update during the meeting.

Recommendation: Accept the January Corps of Engineers Update by Tracey Kelsey.

Metro East Projects, IL

Project Status

East St Louis

- Deep Cutoff Wall
 - Panel production continues – Approximately 38% complete (1,676 LF)
 - While behind schedule, no impact to original contract completion date of January 26, 2022
 - Ameren Southern Outage #2 work complete (ahead of January 15, 2021 requirement)
 - Jet grout proposal due from contractor on January 19, 2021
- WIK efforts continue for BP 11 (design), BP 14, BP 18 (construction)
- Next USACE contract award for Bid Package 12 Phase 1 is scheduled for Aug 16, 2021
 - Real Estate Appraisal Waivers accepted. Offers made to property owners.
 - Expect ROW certification in the next 3 weeks or so
- MVS continues design efforts on relief wells and toe drain including design coordination with the railroad
- Continued coordination for additional required real estate acquisition.

Mel Price

- Reach 1 Relief Wells
 - Contract Solicitation occurred on January 06, 2021, utilizing a Real Estate Waiver to Advertise (remaining action is to conduct real estate closing)
 - Contract award date is April 1, 2021
- Reach 2 Relief Wells
 - 95% design complete
 - Both ROW Certification and contract award scheduled for early FY22



Metro East Projects, IL

Project Status

Wood River

- FY21 Milestones – contract awards all contingent on receiving Right-of-Way Certification therefore all dates are TBD
 - Bid Package 8
 - Relief Well #1
 - Pumps Stations
- Wood River Upper FEMA Levee System Evaluation Report (LSER)
 - ✓ Step 1 – IDNR approval for FEMA concurrence with H&H modeling provided by Wood, PLC
 - ✓ Step 2 – FEMA review and concurrence with H&H modeling (anticipated in the coming weeks)
 - ✓ Step 3 – FEMA provides to USACE the final H&H modeling
 - Step 4 – USACE reviews and provides verification that the positive evaluation for the levee system is not impacted by the restudy

Prairie du Pont/Fish Lake

- Wood, PLC submitting new maps for updated drilling plans
- 408 bid package submittal schedule anticipated in November

