



SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL  
BOARD OF DIRECTORS MEETING  
May 15, 2019 7:30 am

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

1. Call to Order  
*Ron Motil, President*
2. Approval of Minutes of March 20, 2019
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. East St. Louis Deep Cutoff Wall – Spire Relocation  
*Chuck Etwert, Chief Supervisor*
8. Amendment to Wood Work Order #11 – FEMA  
Certification Submittals  
*Wood Environment & Infrastructure Solutions, Inc.*  
*Chuck Etwert, Chief Supervisor*
9. Amendment to Wood Work Order #18 – MESD  
Cutoff Wall Utility/Easement Assistance  
*Wood Environment & Infrastructure Solutions, Inc.*  
*Chuck Etwert, Chief Supervisor*

AGENDA

10. Update from Corps of Engineers  
*Tracey Kelsey, U.S. Army Corps of Engineers*

11. Public Comment

Executive Session – Review of Executive Session Minutes and  
Purchase or Lease of Real Property

12. Release of Executive Session Minutes

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

14. Other Business

15. Adjournment

**Next Meeting: July 17, 2019**

## MINUTES

### SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL BOARD OF DIRECTORS MEETING March 20, 2019

The regular meeting of the Board of Directors was held at the Metro-East Park and Recreation District Office, 104 United Drive, Collinsville, Illinois at 7:30 a.m. on Wednesday March 20, 2019.

#### Members in Attendance

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

#### Members Absent

None

#### Others in Attendance

Robert Elmore, Monroe County Board Chair  
Kurt Prenzler, Madison County Board Chair  
Chuck Etwert, SW Illinois FPD Council  
Steve Adler, Metro-East Sanitary District  
Michael Brokering, Scheffel Boyle  
Ron Carnell, Wood River Drainage & Levee District  
Randy Cook, Wood Environment & Infrastructure Solutions, Inc.  
Jeremy Dressel, Juneau Associates Inc.  
Tim Eagleton, FM Global  
Mike Feldmann, U.S. Army Corps of Engineers  
Hal Graef, U.S. Army Corps of Engineers  
Gary Hoelscher, Millennia Professional Services  
David Human Jr., Husch Blackwell LLP  
Phil Johnson, Phil Johnson Realtor  
Tracey Kelsey, U.S. Army Corps of Engineers  
Steve Langendorf, Scheffel Boyle  
Lance Lunte, Lochmueller Group

Jay Martin, Wood Environment & Infrastructure Solutions, Inc.  
Rick Mauch, SCI Engineering  
Jack Norman, Illinois Groundwater Advisory Council  
Eric Oller, Southwest Illinois Building Trades Council  
Jon Omvig, Wood Environment & Infrastructure Solutions, Inc.  
Don Sawicki, Metro-East Sanitary District

**Call to order**

President Ron Motil noted the presence of a quorum and called the meeting to order at 7:30 am.

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

Mr. Brinkman – Present  
Mr. Conrad – Present  
Ms. Crockett - Present  
Mr. Metzger - Present  
Dr. Moore – Present  
Mr. Motil – Present  
Mr. Plank – Present  
Mr. Schwind - Present

A quorum was present.

**Approval of Minutes of January 16, 2019**

Mr. Motil asked for a motion to approve the minutes of the Board meeting held on January 16, 2019. A motion was made by Ms. Crockett, seconded by Mr. Brinkman, to approve the minutes of the Board meeting held on January 16, 2019. Mr. Conrad called the roll and the following votes were made on the motion:

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

The meeting minutes were approved.

### **Public Comment on Pending Agenda Items**

Mr. Motil asked if there were any comments from the public on any agenda item on today's agenda. There were none.

Mr. Motil requested the Corps of Engineers to include a river update in their report later in the meeting.

### **Program Status Report**

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

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

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

He indicated on February 18<sup>th</sup>, the Illinois State Water Survey (ISWS) provided their comments to Woods' Hydrologic and Hydraulic (H&H) submittal of October 24, 2018. A follow-up conference call with FEMA and ISWS was held on February 21<sup>st</sup>.

Wood is currently evaluating the effort necessary to update the river/creek models to address recent the comments from ISWS and the conference call. There are generally two paths forward for each of the five waterways in question: certify against the existing, effective base flood elevations, or revise the newer/updated base flood modeling conducted by the Wood and the FPD Council to make that modeling the effective modeling. To certify against the current effective models will require additional geotechnical engineering analyses. Certification against the updated modeling will require revisions per ISWS comments. Wood is evaluating the time associated with each option for each waterway, and will recommend a path forward to the FPD Council shortly.

The timing of FEMA's issuance of continued accreditation letters for the Wood River East & West Forks, Lower Wood River, Upper Wood River, and Prairie Du Pont/Fish Lake Levee Systems will be dependent on the path recommended, but hopefully, will not be later than this summer.

FEMA's review of the Base Condition Risk Assessment (BCRA) for MESD and Chain of Rocks segments is moving along, with the Corps submitting their final report to FEMA earlier this week, and FEMA anticipating a fast final review and acceptance.

It appears approval of the East St. Louis (MESD) package might be achieved sooner than expected.

He then discussed the 500-Year Authorized Level Status.

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

### Wood River Levee System

Wood continues the design of Bid Package #8, which will be constructed by the Corps of Engineers. Wood has submitted the 65% design package and comments have been received from the Corps. Design is anticipated to be completed by the end of summer with a bid opening in October.

Approval of the new Project Partnership Agreement for the Wood River Levee System is expected in July. This will allow for the utilization of \$16,041,496 of Work In-Kind credit, which has already received preliminary approval.

The remaining \$4,256,759 dollars of Work In-Kind credit needed, will be achieved with eligible Wood design and a relief well abandonment package.

### MESD Levee System

Wood continues to take the Corps' design of the Cahokia Relief Well Project, estimated cost \$10.6 million dollars, and develop the Council's Bid Package #18. Design is anticipated to be completed by the end May with Board approval of a construction contract in July.

Wood is also continuing the design of Bid Package #14, a shallow clay trench and filter blanket with an estimated construction cost of \$4.3 million dollars. Advertisement for bid is expected this summer with Board approval of a construction contract in September.

Wood is now in the 35% design phase of Bid Package #11. Design is anticipated to be completed in the fall, with Board approval of a construction contract in January 2020. The preliminary estimated construction cost has been reduced by \$2,000,000 to \$10,000,000 dollars.

With the reduction on Bid Package #11, there will need to be some design/construction completed on Bid Package #12, to satisfy Work In-Kind credit requirements.

He indicated in the next year, approximately \$25,000,000 worth of construction would be awarded.

Approval of the new Project Partnership Agreement, which will allow for the utilization of Work In-Kind credit, is anticipated in the next month. The Council has submitted Work In-Kind requests totaling \$11,887,414 for work performed thru fiscal year 2017.

#### Prairie Du Pont/Fish Lake Levee Systems

Wood is continuing the design of Bid Packages #15, #16, and #17. The design progress has slowed due to the Corps' risk assessment.

The first Potential Failure Mode Analysis (PFMA) has been rescheduled for the first week of April, with Wood in attendance. Once discussions are complete, a design, bid date schedule, and revised cost estimate will be developed.

The risk assessment review for possible funding not based on a benefit/cost ratio has a tentative report completion date of October 2019.

#### Mel Price Lock & Dam

The President's FY2020 Budget was released last Tuesday and finally after waiting years for funding, the Corps of Engineers will be receiving \$24,087,000 of funding for the construction of the Mel Price Segment of Upper Wood River – Design Deficiency Project. This project will correct the uncontrolled under seepage that was discovered in 2009. I am sure Tracey Kelsey will discuss later this in the Corps of Engineers Update.

Lastly, per the National Weather Service, the potential for widespread flooding remains high this spring as soils are nearly saturated and frozen, while cold and active weather has allowed the snowpack to increase across northern Iowa, Minnesota, and Wisconsin. Additionally, the weather pattern is expected to stay active through March with significant rainfall and possibly additional snow across the northern parts of the Upper Mississippi River basin.

Along the Mississippi River, the probabilities for more severe flooding have risen due to the increased snowpack. It is now likely that much of the mainstem Mississippi River will have a high chance of reaching major flood stage levels, with a potential for some locations to reach levels near previous record crests. Occurrence of near record levels will depend on the rate of snowmelt, along with receiving additional spring rains.

If a flood event were to occur, we will have Wood available to assist each Levee District in monitoring the stability of the levees and assisting them with adjustments to pump station operation levels as needed. The flood events of December 2015/January 2016 and April/May 2017 tested the 100-Year Improvements built by the Council. All of the Council's projects

performed as designed and no problems were experienced and the same is expected for future events.

Mr. Parks arrived during Mr. Etwert's presentation.

There was a brief discussion concerning the best source of information regarding the prediction of flood elevations. The Corps of Engineers indicated the National Weather Service which takes into account snow pack, frozen ground, rainfall, etc. was probably the best at forecasting and providing qualitative flood statements not elevations. It was mentioned that emergency management area might have a better way of predicting.

The Corps' emergency operations center had opened last Friday and was in a Phase I stage, which is a heightened awareness and contacts with levee districts. Phase II stage of mobilizing and assisting levee districts was not anticipated for this event. However, it was mentioned this is not the only opportunity for high water this spring.

Mr. Motil asked for a motion to accept the Program Status Report for March 2019. A motion was made by Mr. Parks to accept the Program Status Report for March 2019. Mr. Schwind seconded the motion. Mr. Conrad called the roll and the following votes were made on the motion:

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

The motion was approved unanimously.

### **Budget Update and Approval of Disbursements**

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

Mr. Etwert noted that the financial statements for January and February 2019 prepared by fiscal agent, CliftonLarsonAllen, were included in the materials sent for the meeting. The reports include an accounting of revenues and expenditures for the months ending January 31, 2019 and February 28, 2019, as compared to the fiscal year budget.



Accrued expenditures for the current fiscal year beginning on October 1, 2018 thru February 28, 2019 are \$6,706,004 while revenues amounted to \$5,760,521 resulting in a deficit of \$945,484. A total of \$32,033,096 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 \$1,056,091 for November 2018 were up 2.26% from last year and monthly sales tax receipts of \$1,191,097 for December 2018 were down 2.27% from last year. The amount collected in November was the highest ever collected for November and was the twenty fifth month in a row with the highest receipts collected for that particular month. However, the December collection was the lowest amount collected in December over the last four years. The total sales tax receipts for the year were up 2.64% making 2018 the highest collection year.

He also provided for the Board's review and anyone else who was interested, the bank transactions for January and February 2019. Total disbursements for January were \$856,287.05 and for February were \$231,998.88. The largest payments were to the Corps of Engineers, Wood and Eberhardt Wetlands Bank LLC.

He indicated, that he was surprised that the December collections were down after twenty-five of record highs, and this was something that would need to be watched, since it will have an effect on any future bond issue. Annual increases of 4.16% and 2.64%, the last two years have exceeded the annual increases of one percent anticipated with the 2010 and 2015 bond issues. The amount above the one percent provides the Council the ability to issue additional bonds.

Mr. Etwert recommended that the Board accept the budget report and disbursements for January and February 2019.

Mr. Motil asked for a motion to accept Mr. Etwert's budget report and disbursements for January and February 2019. A motion was made by Dr. Moore, seconded by Mr. Parks, to accept the budget report and approve the disbursements for January and February 2019. Mr. Conrad called the roll and the following votes were made on the motion:

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

The motion was approved unanimously.

### **Design and Construction Update**

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

Due to some audio-visual technical difficulties Mr. Martin initially discussed his PowerPoint® presentation, without slides. His discussion focused on FEMA Certification Update, the Authorized Level (500-Year) Design, a summary of the past year and a projection for the coming year as follows:

### **FEMA Certification Update**

A summary of the FEMA Certification by Levee/County was presented.

<b>Levee System</b>	<b>County Flood Maps</b>	<b>Submitted to FEMA</b>	<b>Comments from FEMA</b>	<b>Resubmitted to FEMA</b>
Upper Wood River	Madison	March 10, 2017 <i>(USACE)</i>	September 5, 2017	June 18, 2018
East/West Forks	Madison	December 5, 2016	January 26, 2018	June 29, 2018
Lower Wood River	Madison	October 17, 2017	April 20, 2018	July 13, 2018
Metro East Sanitary District (MESD)	Madison/ St. Clair	October 3, 2018	March, 2019	March 18, 2019 <i>(USACE)</i>
Prairie Du Pont/Fish Lake (PDP/FL)	St. Clair/ Monroe	July 6, 2017	January 26, 2018	June 29, 2018

Next, Mr. Martin discussed the Illinois State Water Survey (ISWS) status.

### **Illinois State Water Survey (ISWS)**

- Review/Comment letter received February 18, 2019
- Conference call – Wood, FEMA and ISWS on February 21, 2019

- Two options to satisfy the comments
  - Either perform additional modeling requested on select streams or revert to effective Base Flood Elevations
  - Currently reviewing the level of effort with each option on each waterway – recommendation forthcoming

Next, Mr. Martin discussed the status of the Authorized Level (500-Year) Design.

### **Authorized Level (500-Year) Design**

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

- Bid Package 8

Design is ongoing

23 relief wells and 1 pump station

USACE plans to bid this project in fall 2019

- Bid Packages 9 & 10

On hold pending completion of USACE Risk Assessment & Supplemental Report (< 1 year remaining)

#### **MESD (Bid Packages 11, 12, 14 & 18)**

- Bid Package 11

VE Study conducted last week

Construction drawings and relief well design is underway

- Bid Packages 12

Bid Package 12 is still on hold, pending USACE risk informed solutions (summer 2019)

- Bid Package 14

Drilling completed last week along shallow clay trench

95% plans and specs underway

Advertise for bid late summer 2019

- Bid Package 18 (Cahokia Relief Well Project from USACE )

51 relief wells

Design & coordination with USACE is still ongoing

Advertise for bid summer 2019

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

- Still working with USACE to validate solutions
- Drilling not likely in 2019
- 100% FPD Council funded design and construction (No Federal match)
- USACE Risk Review

Kick Off was December 2018

1<sup>st</sup> PFMA Meeting is early April 2019

10-12 Month duration estimated

Technical issues were resolved and Mr. Martin briefly went over each of the slides previously discussed.

He discussed how FEMA requires the Illinois State Water Survey (ISWS) to review the hydrologic and hydraulic analyses for accreditation. ISWS has some questions on elevations in the upper tributaries. These weren't explored in the detail that they would like to see. The goal is to do what is necessary to obtain FEMA accreditation and not rework the maps of Illinois. Wood is working with FEMA to reach an amicable solution which satisfies everyone.

Mr. Motil asked for a motion to accept Mr. Martin's Design and Construction Update report. A motion was made by Ms. Crockett, with a second by Mr. Parks, to accept the Wood Environment & Infrastructure Solutions, Inc. Design and Construction Update report. Mr. Conrad called the roll and the following votes were made on the motion:

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

The motion was approved unanimously.

### **2018 Audit and Financial Report**

Mr. Motil introduced Mr. Michael Brokering, representing Scheffel & Boyle, who prepared the 2018 Audit Report, to review the audited financial statements that were distributed to the Board in the mailing and at the meeting. He explained the statements, tables and notes in detail.

He pointed out that the financial statements are the Board's responsibility as management, and that Scheffel & Boyle's responsibility is to issue an opinion on the statements. He stated that the Council financial statements for the year ended September 2018 had been audited and were found to represent fairly in all material respect and therefore, the Council received a clean opinion.

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

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

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

The second letter pointed out that there were no difficulties in performing the audit, but that several adjustments were made to the financial statements. These were mainly reclassification of journal entries. There are no audit findings to report.

He indicated it was a pleasure working with Mr. Etwert and CliftonLarsonAllen and offered to come back to the Board, if there were any questions or further explanations needed in the future.

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

Mr. Motil asked for a motion to accept the 2018 Audit and Financial Report. A motion was made by Mr. Plank, with a second by Mr. Brinkman, to accept the 2018 Audit and Financial Report. Mr. Parks added with commendation to the auditor and Mr. Etwert. Mr. Conrad called the roll and the following votes were made on the motion:

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

The motion was approved unanimously.

Mr. Etwert indicated the report and management letters would be forwarded to the proper agencies.

Mr. Parks had to leave the meeting for another commitment.

**Amendment to Wood Work Order #14 – MESD Authorized Level Field Investigation and Design**

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

Mr. Etwert explained Wood has determined it will need to conduct flow monitoring on relief wells, as needed, to design the Design Deficiency Corrections for the East St. Louis, Illinois Flood Protection Project. This amendment modifies the scope of Work Order #14, with no change in funding.

Work Order #14 – Metro East Sanitary District Authorized Level Field Investigation and Design - Amendment 5

Addition of flow monitoring services to existing scope of work with no change in funding.

A copy of Work Order Amendment was provided in the agenda package.

Mr. Motil asked for a motion to authorize the Chief Supervisor to execute Wood Work Order #14 – Metro East Sanitary District Authorized Level Field Investigation and Design - Amendment 5, addition of flow monitoring services to existing scope of work, with no change in funding.

A motion was made by Ms. Crockett, with a second by Mr. Schwind to authorize the Chief Supervisor to execute Wood Work Order #14 – Metro East Sanitary District Authorized Level Field Investigation and Design - Amendment 5, addition of flow monitoring services to existing scope of work, with no change in funding.

Mr. Conrad called the roll and the following votes were made on the motion:

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

The motion was approved unanimously.

**Wood Work Order #19 – Wood River LERRD’s Services**

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

Mr. Etwert explained it is the Non-Federal Sponsor’s responsibility to obtain all land, easements, rights-of-way, relocations and disposal areas (LERRDs) necessary for the construction of Authorized Level Improvements.

This amendment will allow Wood Environment and Infrastructure Services, Inc. to provide necessary professional services associated with LERRDs for the Design Deficiency Corrections for the Wood River Flood Protection Project.

Wood's services will include legal surveys, title research, desktop review of existing easement boundaries, completion of required tracking sheets, and frequent coordination and meetings with parcel owners, utility companies, the U.S. Army Corps of Engineers, the legal counsel for the Wood River Drainage and Levee District, as well as the consultants and legal counsel of the Southwestern Illinois Flood Prevention District Council.

Service performed under the work order will be in accordance with the Non Federal Sponsor Guide to Land Acquisition, published by the U. S. Army Corps of Engineers, St. Louis District, Real Estate Division.

The cost of this work order will be eligible to be included LERRDs costs which can be part of the non-federal thirty five percent share of overall project costs.

A copy of Work Order #19 was provided in the agenda package.

There was a brief discussion of what was being covered with this amendment, and these funds did include any Wood River legal fees. Mr. Etwert explained that the Corps has LERRD funds included in their estimates for Wood River and East St. Louis. He thought over two million dollars in Wood River and six million dollars in East St. Louis, both will be included in the non-federal thirty-five percent share of overall project costs.

It was also clarified that these funds were not for the purchase of any land.

Mr. Motil asked for a motion to authorize the Chief Supervisor to execute Work Order #19 with Wood Environment & Infrastructure Services Inc. for Wood River LERRDs Services, in the amount of \$235,000.

A motion was made by Mr. Brinkman, with a second by Ms. Crockett to authorize the Chief Supervisor to execute Work Order #19 with Wood Environment & Infrastructure Services Inc. for Wood River LERRDs Services, in the amount of \$235,000.

Mr. Conrad called the roll and the following votes were made on the motion:

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



Mr. Schwind - Aye

The motion was approved unanimously.

### **Corps of Engineers Update**

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

Ms. Kelsey provided an update of the current activities of the Corps using a PowerPoint® presentation to illustrate his remarks. Her presentation focused on the status of the Metro East Projects as follows:

### **USACE UPDATE**

#### **Project Status**

- **Wood River**
  - Cutoff wall construction substantially complete – final inspection May 2019
  - Supplemental Report – approved March 8, 2019
  - Relief well package – conducting field exploration; potential FY19 contract award
  - BP8 – initiated ATR February 2019; potential FY20 contract award
  - Pump station package – 35% design; potential FY20 contract award
  - IDR/PPA WIK Amendment
  
- **East St. Louis**
  - Cutoff Wall
  - PPA WIK Amendment
  - WIK Credit Submittal
  - BP 14, BP 11, BP 18

- **FEMA Submittals** – MESD/COR FEMA comments received March 11, 2019. Revised letter submitted to FEMA on March 18, 2019
- **Mel Price** – Received \$24,087,000 in the FY20 Presidential Budget
- **LERRDs**

There was a brief discussion on LERRD's (**L**and, **E**asements, **R**ights-of-way, **R**elocations and **D**isposal areas) that may be required for the construction of a project. Ms. Kelsey explained that the non-federal sponsor was responsible for LERRDs on the Wood River and East St. Louis projects. These costs are considered to be part of the non-federal sponsor's thirty five percent share.

Mr. Plank had to leave the meeting for another commitment.

Mr. Motil thanked Ms. Kelsey and asked for a motion to accept the Corps of Engineers Update Report. A motion was made by Ms. Crockett, with a second by Dr. Moore to receive the Corps of Engineers Update Report. Mr. Conrad called the roll and the following votes were made on the motion:

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

The motion was approved unanimously.

**Public Comment**

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

**Other Business**

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

**Adjournment**

Mr. Motil asked for a motion to adjourn the meeting. A motion was made by Mr. Schwind seconded by Ms. Crockett to adjourn the meeting. The motion was approved unanimously by voice vote, all voting aye.

Respectfully submitted,

John Conrad,  
Secretary/Treasurer, Board of Directors





## Progress Report March 20, 2019

Southwestern Illinois Levee Systems

By Jay Martin

woodplc.com



## FEMA Submittal Summary

Levee System	County (Flood Map)	Submitted to FEMA	Comments Received from FEMA	Resubmitted to FEMA
Upper Wood River	Madison	March 10, 2017 (USACE)	September 5, 2017	June 18, 2018 (USACE)
East/West Forks	Madison	December 5, 2016	January 26, 2018	June 29, 2018
Lower Wood River	Madison	October 17, 2018	April 20, 2018	July 13, 2018
Metro East Sanitary District (MESD)	Madison/St Clair	August 31, 2018 (USACE)	March, 2019	March 18, 2019 (USACE)
Prairie du Pont & Fish Lake (PDP/FL)	St Clair/Monroe	July 6, 2017	January 26, 2018	June 29, 2018



## Illinois State Water Survey (ISWS)

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- Review/Comment letter received February 18, 2019
- Conference call - Wood, FEMA and ISWS on February 21, 2019
- Two options to satisfy the comments
  - Either perform additional modeling requested on select streams or revert to effective Base Flood Elevations
  - Currently reviewing the level of effort with each option on each waterway – recommendation forthcoming.



## Authorized Level (~500-Year) Design

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

- Bid Package 8
  - Design is ongoing
    - 23 relief wells and 1 pump station
  - USACE plans to bid this project in fall 2019
- Bid Packages 9 & 10
  - On hold pending completion of USACE Risk Assessment and Supplemental Report (<1 year remaining)



## Authorized Level (~500-Year) Design

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

- Bid Packages 11
  - VE Study conducted last week
  - Construction drawings and relief well design is underway
- Bid Package 12
  - Bid Package 12 is still on hold, pending USACE risk informed solutions (summer 2019).

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A presentation by Wood.



## Authorized Level (~500-Year) Design

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

- Bid Package 14
  - Drilling completed last week along shallow clay trench
  - 95% plans and specs underway
  - Advertise for bid late summer 2019
- Bid Package 18 (Cahokia Relief Well Project from USACE)
  - 51 relief wells
  - Design & coordination with USACE is still ongoing
  - Advertise for bid summer 2019

6

A presentation by Wood.



## Authorized Level (~500-Year) Design

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

- Still working with USACE to validate solutions.
- Drilling not likely in 2019
- 100% FPD Council funded design and construction (No Federal match)
- USACE Risk Review
  - Kick Off was December 2018
  - 1<sup>st</sup> PFMA Meeting is early April 2019
  - 10-12 Month duration estimated



**wood.**

[woodplc.com](http://woodplc.com)



## Metro East Projects, IL

### Project Status

- Wood River
  - Cutoff wall construction substantially complete – final inspection May 2019
  - Supplemental Report – approved March 8, 2019
  - Relief well package – conducting field exploration; potential FY19 contract award
  - BP 8 – initiated ATR February 2019; potential FY20 contract award
  - Pump station package – at 35% design; potential FY20 contract award
  - IDR/PPA WIK Amendment
- East St Louis
  - Cutoff Wall
  - PPA WIK Amendment
  - WIK Credit Submittal
  - BP 14, BP 11, BP18
- FEMA Submittals – MESD/COR FEMA comments received March 11, 2019. Revised letter submitted to FEMA on March 18, 2019
- Mel Price – Received \$24,087,000 in the FY20 President's Budget
- LERRDs







Memo to: Board of Directors  
From: Chuck Etwert  
Subject: Program Status Report for May 2019  
Date: May 13, 2019

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

Wood certified against the existing effective base flood elevations for Carr Creek and submitted the Prairie Du Pont and Fish Lake Illinois Flood Protection Project Certification Documents to FEMA on April 16, 2019. FEMA's issuance of a continued accreditation letter is anticipated within the next thirty days.

On April 29, 2019 FEMA issued a letter indicating "the minimum criteria outlined in the structural requirements of 44 CFR Section 65.10(b) (1) – (b) (5), have been met for the MESD Levee System". FEMA will be working with the Corps, MESD, and impacted communities regarding additional coordination involving interior drainage and Operation & Maintenance Plans. FEMA will issue new plans in the future which will reflect the continued accreditation of the MESD Levee System. FEMA has accepted the MESD Levee System as structurally sound.

In the Cahokia, Indian, West Fork Wood River, and Wood River/East Fork Wood River tributaries, Wood is completing the updated modeling and anticipates submitting to the Illinois State Water Survey (ISWS) by the end of the month.

With prompt review of the resubmittals by ISWS and the Illinois Department of Natural resources, FEMA's issuance of continued accreditation letters for the Wood River East & West Forks, Lower Wood River, and Upper Wood River Systems could hopefully occur by late summer.

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

### Wood River Levee System

Wood continues the design of Bid Package #8, which will be constructed by the Corps of Engineers. Wood has submitted the 95% design package, and a Safety Assurance Review (SAR) will be needed. A bid opening and award is anticipated in October.

Approval of the new Project Partnership Agreement for the Wood River Levee System is expected in July. This will allow for the utilization of \$16,041,496 of Work In-Kind credit, which has already received preliminary approval.

The remaining \$4,256,759 dollars of Work In-Kind credit needed, will be achieved with eligible Wood design and a relief well abandonment package.

### MESD Levee System

Wood continues to take the Corps' design of the Cahokia Relief Well Project, estimated cost \$10.6 million dollars, and develop the Council's Bid Package #18. Design is anticipated to be completed by the end May with Board approval in July.

Wood is also continuing the design of Bid Package #14, a shallow clay trench and filter blanket with an estimated construction cost of \$4.3 million dollars. Advertisement for bid is expected this summer with Board approval in September.

Wood is also continuing the design of Bid Package #11. Design is anticipated to be completed in the fall, with Board approval in January 2020. The preliminary estimated construction cost has been reduced by \$2,000,000 to \$10,000,000 dollars.

On May 2, 2019 the Corps of Engineers approved Council Work In-Kind requests totaling \$12,415,405.70. This will be used as the non-federal share on the Corps' East St. Louis Flood Protection Deep Cutoff Wall Project base bid involving approximately 1,823 linear feet of wall.

For the Corps' Deep Cutoff Wall Project option bid, the Council will utilize Bid Packages #14 and #18 for Work In-Kind credit. Construction of these bid packages is scheduled to be complete in April 2020. The Corps has informed the Council, if Work In-Kind credit isn't complete by July 1, 2020, the Corps will request required cost share as cash.

### Prairie Du Pont/Fish Lake Levee Systems

Wood is continuing the design of Bid Packages #15, #16, and #17. The design progress has slowed due to the Corps' risk assessment.

The first Potential Failure Mode Analysis (PFMA) was held the week of April 1<sup>st</sup> and the Semi-Quantitative Risk Assessment (SQRA) is being held this week. Once all discussions are complete, a design, bid schedule, and revised cost estimate will be developed.

The risk assessment review for possible funding not based on a benefit/cost ratio is now not anticipated to be completed before the end of the year.





Memo to: Board of Directors  
From: Chuck Etwert  
Subject: Budget and Disbursement Reports for March/April 2019  
Date: May 13, 2019

Current Budget Highlights

Attached are the financial statements for March and April 2019 prepared by our fiscal agent, CliftonLarsonAllen. The reports include an accounting of revenues and expenditures for the months ending March 31, 2019 and April 30, 2019, as compared to our fiscal year budget.

Accrued expenditures for the current fiscal year beginning on October 1, 2018 thru April 30, 2019 are \$14,109,210 while revenues amounted to \$7,983,746 resulting in a deficit of \$6,125,464. A total of \$32,033,096 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. The amount held by the counties now exceeds the \$31,928,552 held by the Council for the project.

On April 15<sup>th</sup> the Council informed the counties, based on current schedules, that the Council would be requesting the sales tax funds from them in April 2020 and March 2021.

Monthly sales tax receipts of \$856,912 for January 2019 were down 3.07% from last year and monthly sales tax receipts of \$716,345 for February 2019 were down 19.06% from last year, resulting in receipts for the year being down 11.07% from last year which was our highest year.

The large drop in February was due to a taxpayer located in Madison County filing a large claim for credit that was approved by the Illinois Department of Revenue's audit department. This caused a refund to be issued to the taxpayer which caused a de-allocation of tax money originally paid to the FPDC. In accordance with the Retailers' Occupation Tax Act the Illinois Department of Revenue is unable to disclose any additional information.

Monthly Disbursements

Attached are the lists of bank transactions for March and April 2019. Total disbursements for March were \$1,130,439.07 and for April were \$339,349.25. The largest payments were to the Corps of Engineers, and Wood.

Recommendation: Accept the budget reports and disbursements for March and April 2019.



**SOUTHWESTERN ILLINOIS FLOOD PREVENTION  
DISTRICT COUNCIL**

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

**SIX MONTHS ENDED MARCH 31, 2019 AND 2018**





**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 six months ended March 31, 2019 and 2018, 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, 2019 and 2018, 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  
April 1, 2019

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

	BUDGET		ACTUAL	VARIANCE WITH
	ORIGINAL	FINAL		FINAL BUDGET
				POSITIVE (NEGATIVE)
<b>REVENUES</b>				
Sales Tax Proceeds From Districts	\$ 12,475,000	\$ 12,475,000	\$ 6,329,494	\$ 6,145,506
Interest Income	280,000	280,000	668,489	(388,489)
Other Contributions	-	-	-	-
Total Revenues	12,755,000	12,755,000	6,997,983	5,757,017
<b>EXPENDITURES</b>				
Current				
Design and Construction				
Engineering Design & Construction Management	7,869,377	7,869,377	1,059,189	6,810,188
Construction	20,527,970	20,527,970	30,940	20,497,030
Construction and design by US ACE	3,500,000	3,500,000	1,550,000	1,950,000
Total Design and Construction	31,897,347	31,897,347	2,640,129	29,257,218
Professional Services				
Legal & Legislative Consulting	322,500	322,500	30,294	292,206
Financial Advisor	65,000	65,000	17,347	47,653
Bond Underwriter/Conduit Issuer	12,000	12,000	4,542	7,458
Total Professional Services	399,500	399,500	52,183	347,317
Refund of Surplus Funds to County FPD Accounts				
Madison County	1,243,675	1,243,675	245,596	998,079
Monroe County	118,750	118,750	23,899	94,851
St. Clair County	1,137,575	1,137,575	235,442	902,133
Total Refund of Surplus Funds to County	2,500,000	2,500,000	504,937	1,995,063
Debt Service				
Principal and Interest	10,876,570	10,876,570	4,127,685	6,748,885
Federal Interest Subsidy	(850,070)	(850,070)	(426,855)	(423,215)
Total Debt Service	10,026,500	10,026,500	3,700,830	6,325,670
Total Operating Expenses	44,823,347	44,823,347	6,898,079	37,925,268
General and Administrative Costs				
Salaries, Benefits	213,000	213,000	101,668	111,332
Bank Service Charges	1,200	1,200	423	777
Equipment and Software	2,000	2,000	923	1,077
Fiscal Agency Services	32,000	32,000	16,660	15,340
Audit Services	16,500	16,500	-	16,500
Meeting Expenses	1,000	1,000	70	930
Postage/Delivery	1,000	1,000	332	668
Printing/Photocopies	2,500	2,500	600	1,900
Professional Services	10,000	10,000	-	10,000
Supplies	3,000	3,000	128	2,872
Telecommunications/Internet	3,000	3,000	1,425	1,575
Travel	5,000	5,000	184	4,816
Insurance	1,000	1,000	484	516
Total General & Administrative Costs	291,200	291,200	122,897	168,303
Total Expenditures	45,114,547	45,114,547	7,020,976	38,093,571
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	(32,359,547)	(32,359,547)	(22,993)	32,336,554
OTHER FINANCING SOURCES				
Proceeds From Borrowing	-	-	-	-
NET CHANGE IN FUND BALANCE	\$ (32,359,547)	\$ (32,359,547)	\$ (22,993)	\$ 32,336,554

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL  
GENERAL FUND  
STATEMENT OF REVENUES AND EXPENDITURES - BUDGET AND ACTUAL  
SIX MONTHS ENDED MARCH 31, 2018 (Actual)  
FISCAL YEAR ENDING SEPTEMBER 30, 2018 (Budget)**

	BUDGET		ACTUAL	VARIANCE WITH FINAL BUDGET
	ORIGINAL	FINAL		POSITIVE (NEGATIVE)
<b>REVENUES</b>				
Sales Tax Proceeds From Districts	\$ 11,835,000	\$ 11,835,000	\$ 6,224,015	\$ 5,610,985
Interest Income	225,000	225,000	283,191	(58,191)
Other Contributions	-	-	-	-
Total Revenues	<u>12,060,000</u>	<u>12,060,000</u>	<u>6,507,206</u>	<u>5,552,794</u>
<b>EXPENDITURES</b>				
Current				
Design and Construction				
Engineering Design & Construction Management	5,688,038	5,688,038	1,917,059	3,770,979
Construction	7,330,945	7,330,945	2,554,687	4,776,258
Construction and design by US ACE	<u>6,157,291</u>	<u>6,157,291</u>	<u>207,000</u>	<u>5,950,291</u>
Total Design and Construction	19,176,274	19,176,274	4,678,746	14,497,528
Professional Services				
Legal & Legislative Consulting	486,000	486,000	84,242	401,758
Diversity Program Manager	11,525	11,525	6,600	4,925
Financial Advisor	65,000	65,000	9,810	55,190
Bond Underwriter/Conduit Issuer	<u>16,000</u>	<u>16,000</u>	<u>4,916</u>	<u>11,084</u>
Total Professional Services	578,525	578,525	105,568	472,957
Refund of Surplus Funds to County FPD Accounts				
Madison County	1,459,170	1,459,170	383,517	1,075,653
Monroe County	141,990	141,990	39,022	102,968
St. Clair County	<u>1,398,840</u>	<u>1,398,840</u>	<u>377,588</u>	<u>1,021,252</u>
Total Refund of Surplus Funds to County	3,000,000	3,000,000	800,127	2,199,873
Debt Service				
Principal and Interest	10,798,620	10,798,620	4,087,739	6,710,881
Federal Interest Subsidy	<u>(847,340)</u>	<u>(847,340)</u>	<u>(425,035)</u>	<u>(422,305)</u>
Total Debt Service	9,951,280	9,951,280	3,662,704	6,288,576
Total Operating Expenses	32,706,079	32,706,079	9,247,145	23,458,934
General and Administrative Costs				
Salaries, Benefits	203,000	203,000	89,422	113,578
Bank Service Charges	1,500	1,500	523	977
Conference Registration	350	350	307	43
Equipment and Software	2,000	2,000	1,757	243
Fiscal Agency Services	31,000	31,000	16,240	14,760
Audit Services	16,000	16,000	-	16,000
Meeting Expenses	1,000	1,000	-	1,000
Postage/Delivery	1,000	1,000	462	538
Printing/Photocopies	3,500	3,500	1,097	2,403
Professional Services	10,000	10,000	-	10,000
Publications/Subscriptions	-	-	-	-
Supplies	3,300	3,300	508	2,792
Telecommunications/Internet	3,000	3,000	1,547	1,453
Travel	5,000	5,000	407	4,593
Insurance	<u>1,000</u>	<u>1,000</u>	<u>484</u>	<u>516</u>
Total General & Administrative Costs	281,650	281,650	112,754	168,896
Total Expenditures	32,987,729	32,987,729	9,359,899	23,627,830
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	(20,927,729)	(20,927,729)	(2,852,693)	18,075,036
OTHER FINANCING SOURCES				
Proceeds From Borrowing	-	-	-	-
NET CHANGE IN FUND BALANCE	<u>\$ (20,927,729)</u>	<u>\$ (20,927,729)</u>	<u>\$ (2,852,693)</u>	<u>\$ 18,075,036</u>

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION  
DISTRICT COUNCIL**

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

**SEVEN MONTHS ENDED APRIL 30, 2019 AND 2018**







**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 seven months ended April 30, 2019 and 2018, 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, 2019 and 2018, 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  
May 3, 2019

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

	BUDGET		ACTUAL	VARIANCE WITH
	ORIGINAL	FINAL		FINAL BUDGET
				POSITIVE (NEGATIVE)
<b>REVENUES</b>				
Sales Tax Proceeds From Districts	\$ 12,475,000	\$ 12,475,000	\$ 7,186,406	\$ 5,288,594
Interest Income	280,000	280,000	797,340	(517,340)
Other Contributions	-	-	-	-
Total Revenues	12,755,000	12,755,000	7,983,746	4,771,254
<b>EXPENDITURES</b>				
Current				
Design and Construction				
Engineering Design & Construction Management	7,869,377	7,869,377	1,373,313	6,496,064
Construction	20,527,970	20,527,970	31,475	20,496,495
Construction and design by US ACE	3,500,000	3,500,000	1,550,000	1,950,000
Total Design and Construction	31,897,347	31,897,347	2,954,788	28,942,559
Professional Services				
Legal & Legislative Consulting	322,500	322,500	38,235	284,265
Financial Advisor	65,000	65,000	18,248	46,752
Bond Underwriter/Conduit Issuer	12,000	12,000	4,542	7,458
Total Professional Services	399,500	399,500	61,025	338,475
Refund of Surplus Funds to County FPD Accounts				
Madison County	1,243,675	1,243,675	245,596	998,079
Monroe County	118,750	118,750	23,899	94,851
St. Clair County	1,137,575	1,137,575	235,442	902,133
Total Refund of Surplus Funds to County	2,500,000	2,500,000	504,937	1,995,063
Debt Service				
Principal and Interest	10,876,570	10,876,570	10,876,570	-
Federal Interest Subsidy	(850,070)	(850,070)	(426,856)	(423,214)
Total Debt Service	10,026,500	10,026,500	10,449,714	(423,214)
Total Operating Expenses	44,823,347	44,823,347	13,970,464	30,852,883
General and Administrative Costs				
Salaries, Benefits	213,000	213,000	114,830	98,170
Bank Service Charges	1,200	1,200	484	716
Equipment and Software	2,000	2,000	1,022	978
Fiscal Agency Services	32,000	32,000	19,070	12,930
Audit Services	16,500	16,500	-	16,500
Meeting Expenses	1,000	1,000	70	930
Postage/Delivery	1,000	1,000	332	668
Printing/Photocopies	2,500	2,500	600	1,900
Professional Services	10,000	10,000	-	10,000
Supplies	3,000	3,000	143	2,857
Telecommunications/Internet	3,000	3,000	1,527	1,473
Travel	5,000	5,000	184	4,816
Insurance	1,000	1,000	484	516
Total General & Administrative Costs	291,200	291,200	138,746	152,454
Total Expenditures	45,114,547	45,114,547	14,109,210	31,005,337
<b>EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES</b>				
	(32,359,547)	(32,359,547)	(6,125,464)	26,234,083
<b>OTHER FINANCING SOURCES</b>				
Proceeds From Borrowing	-	-	-	-
<b>NET CHANGE IN FUND BALANCE</b>	<b>\$ (32,359,547)</b>	<b>\$ (32,359,547)</b>	<b>\$ (6,125,464)</b>	<b>\$ 26,234,083</b>

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL  
GENERAL FUND  
STATEMENT OF REVENUES AND EXPENDITURES - BUDGET AND ACTUAL  
SEVEN MONTHS ENDED APRIL 30, 2018 (Actual)  
FISCAL YEAR ENDING SEPTEMBER 30, 2018 (Budget)**

	BUDGET		ACTUAL	VARIANCE WITH FINAL BUDGET POSITIVE (NEGATIVE)
	ORIGINAL	FINAL		
<b>REVENUES</b>				
Sales Tax Proceeds From Districts	\$ 11,835,000	\$ 11,835,000	\$ 7,108,039	\$ 4,726,961
Interest Income	225,000	225,000	450,391	(225,391)
Other Contributions	-	-	-	-
Total Revenues	<u>12,060,000</u>	<u>12,060,000</u>	<u>7,558,430</u>	<u>4,501,570</u>
<b>EXPENDITURES</b>				
Current				
Design and Construction				
Engineering Design & Construction Management	5,688,038	5,688,038	2,029,462	3,658,576
Construction	7,330,945	7,330,945	2,607,832	4,723,113
Construction and design by US ACE	6,157,291	6,157,291	207,000	5,950,291
Total Design and Construction	<u>19,176,274</u>	<u>19,176,274</u>	<u>4,844,294</u>	<u>14,331,980</u>
Professional Services				
Legal & Legislative Consulting	486,000	486,000	90,236	395,764
Diversity Program Manager	11,525	11,525	6,600	4,925
Financial Advisor	65,000	65,000	9,810	55,190
Bond Underwriter/Conduit Issuer	16,000	16,000	4,916	11,084
Total Professional Services	<u>578,525</u>	<u>578,525</u>	<u>111,562</u>	<u>466,963</u>
Refund of Surplus Funds to County FPD Accounts				
Madison County	1,459,170	1,459,170	813,376	645,794
Monroe County	141,990	141,990	80,851	61,139
St. Clair County	1,398,840	1,398,840	789,674	609,166
Total Refund of Surplus Funds to County	<u>3,000,000</u>	<u>3,000,000</u>	<u>1,683,901</u>	<u>1,316,099</u>
Debt Service				
Principal and Interest	10,798,620	10,798,620	10,784,424	14,196
Federal Interest Subsidy	(847,340)	(847,340)	(425,035)	(422,305)
Total Debt Service	<u>9,951,280</u>	<u>9,951,280</u>	<u>10,359,389</u>	<u>(408,109)</u>
Total Operating Expenses	<u>32,706,079</u>	<u>32,706,079</u>	<u>16,999,146</u>	<u>15,706,933</u>
General and Administrative Costs				
Salaries, Benefits	203,000	203,000	106,094	96,906
Bank Service Charges	1,500	1,500	559	941
Conference Registration	350	350	307	43
Equipment and Software	2,000	2,000	1,888	112
Fiscal Agency Services	31,000	31,000	18,580	12,420
Audit Services	16,000	16,000	-	16,000
Meeting Expenses	1,000	1,000	-	1,000
Postage/Delivery	1,000	1,000	509	491
Printing/Photocopies	3,500	3,500	1,097	2,403
Professional Services	10,000	10,000	-	10,000
Publications/Subscriptions	-	-	-	-
Supplies	3,300	3,300	676	2,624
Telecommunications/Internet	3,000	3,000	1,639	1,361
Travel	5,000	5,000	407	4,593
Insurance	1,000	1,000	484	516
Total General & Administrative Costs	<u>281,650</u>	<u>281,650</u>	<u>132,240</u>	<u>149,410</u>
Total Expenditures	<u>32,987,729</u>	<u>32,987,729</u>	<u>17,131,386</u>	<u>15,856,343</u>
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	(20,927,729)	(20,927,729)	(9,572,956)	11,354,773
OTHER FINANCING SOURCES				
Proceeds From Borrowing	-	-	-	-
NET CHANGE IN FUND BALANCE	<u>\$ (20,927,729)</u>	<u>\$ (20,927,729)</u>	<u>\$ (9,572,956)</u>	<u>\$ 11,354,773</u>

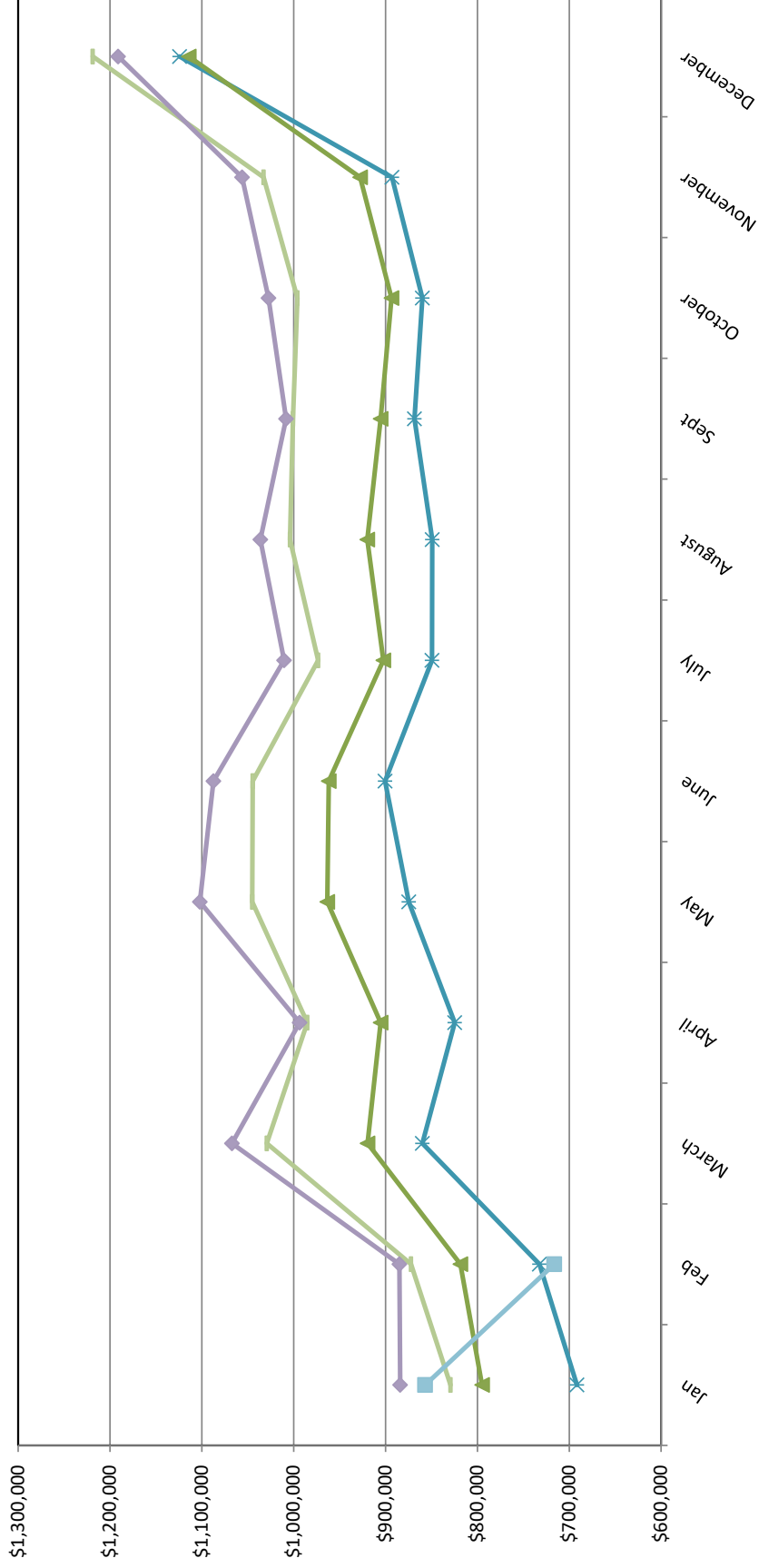
# Flood Prevention District Sales Tax Trends 2009-2019

	<b>2009</b>												County Share	
	Jan	Feb	March	April	May	June	July	August	Sept	October	November	December	Total	
Total Month	\$691,588	\$732,364	\$859,811	\$824,537	\$874,802	\$900,479	\$849,401	\$849,169	\$868,594	\$859,754	\$893,068	\$1,124,290	\$10,327,857	
<b>2010</b>														
Total Month	\$757,374	\$808,220	\$960,768	\$946,214	\$924,312	\$953,709	\$895,275	\$898,581	\$886,633	\$902,537	\$946,242	\$1,167,140	\$11,047,005	
<b>2011</b>														
Total Month	\$782,320	\$813,966	\$956,883	\$937,357	\$945,180	\$999,204	\$914,984	\$950,403	\$931,850	\$899,687	\$949,484	\$1,183,395	\$11,264,713	
<b>2012</b>														
Total Month	\$780,668	\$860,871	\$987,625	\$949,415	\$997,002	\$996,492	\$896,548	\$921,748	\$912,018	\$899,040	\$929,472	\$1,163,485	\$11,294,384	
<b>2013</b>														
Total Month	\$794,931	\$818,376	\$919,593	\$905,383	\$963,366	\$961,791	\$902,250	\$919,787	\$905,288	\$893,572	\$927,728	\$1,114,251	\$11,026,316	
<b>2014</b>														
Madison	\$373,895	\$383,909	\$456,964	\$457,729	\$484,657	\$491,911	\$455,629	\$454,995	\$442,808	\$447,128	\$452,169	\$521,522	\$5,423,317	47.785%
St. Clair	\$354,762	\$395,885	\$460,143	\$436,379	\$458,819	\$470,546	\$426,263	\$434,064	\$445,419	\$433,077	\$446,001	\$591,387	\$5,352,747	47.163%
Monroe	\$42,321	\$39,665	\$47,587	\$47,796	\$52,206	\$49,022	\$47,357	\$46,167	\$50,056	\$48,920	\$49,552	\$52,714	\$573,362	5.052%
Total Month	\$770,978	\$819,459	\$964,694	\$941,905	\$995,682	\$1,011,479	\$929,249	\$935,226	\$938,283	\$929,126	\$947,722	\$1,165,623	\$11,349,426	
Cumulative Total	\$770,978	\$1,590,437	\$2,555,131	\$3,497,036	\$4,492,718	\$5,504,197	\$6,433,446	\$7,368,671	\$8,306,955	\$9,236,081	\$10,183,803	\$11,349,426		
% change/month	-3.01%	0.13%	4.90%	4.03%	3.35%	5.17%	2.99%	1.68%	3.64%	3.98%	2.16%	4.61%		
% change/total	-3.01%	-1.42%	0.88%	1.71%	2.07%	2.62%	2.68%	2.55%	2.67%	2.80%	2.74%	2.93%	2.93%	
<b>2015</b>														
Madison	\$399,500	\$390,593	\$446,269	\$464,703	\$481,304	\$486,423	\$453,262	\$461,408	\$460,379	\$462,462	\$452,448	\$543,239	\$5,501,990	47.932%
St. Clair	\$379,901	\$383,206	\$462,400	\$425,254	\$455,740	\$483,020	\$432,378	\$448,558	\$448,981	\$443,474	\$449,738	\$604,257	\$5,416,905	47.191%
Monroe	\$42,760	\$39,903	\$45,866	\$47,189	\$50,546	\$48,723	\$47,636	\$45,837	\$46,257	\$46,831	\$46,048	\$52,198	\$559,793	4.877%
Total Month	\$822,161	\$813,702	\$954,534	\$937,146	\$987,590	\$1,018,166	\$933,276	\$955,803	\$955,617	\$952,766	\$948,234	\$1,199,694	\$11,478,688	
Cumulative Total	\$822,161	\$1,635,863	\$2,590,397	\$3,527,543	\$4,515,133	\$5,533,299	\$6,466,575	\$7,422,377	\$8,377,994	\$9,330,760	\$10,278,994	\$11,478,688		
% change/month	6.64%	-0.70%	-1.05%	-0.51%	-0.81%	0.66%	0.43%	2.20%	1.85%	2.54%	0.05%	2.92%		
% change/total	6.64%	2.86%	1.38%	0.87%	0.50%	0.53%	0.51%	0.73%	0.86%	1.03%	0.93%	1.14%	1.14%	



# Flood Prevention District Sales Tax Trends 2009-2019

## Monthly Receipts 2009-2013-2017-2018-2019



**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL  
SUPPLEMENTARY SUPPORTING SCHEDULE  
BANK TRANSACTIONS  
March 31, 2019**

Beginning Bank Balance as of March 1, 2019 **\$ 1,130,004.88**

Receipts

UMB Bank	03/13/2019 Admin Transfer	19,942.30
UMB Bank	03/13/2019 Construction Transfer	206,864.45
UMB Bank	03/13/2019 Construction Transfer	512,869.90
The Bank of Edwardsville	03/13/2019 Interest	2,583.62
US Treasury	03/19/2019 Bond Interest Rebate	104,434.69
US Treasury	03/19/2019 Bond Interest Rebate	322,420.87

**\$ 1,169,115.83**

Disbursements

Columbia Capital	03/05/2019 Financial Advisor	6,063.75
FAO, USAED, St. Louis	03/05/2019 Construction	550,000.00
AT&T	03/13/2019 Internet	102.03
Husch Blackwell	03/12/2019 Legal	3,700.25
East-West Gateway	03/12/2019 Supervisor Management Services	17,532.30
CliftonLarsonAllen LLP	03/07/2019 Accounting	2,410.00
Wood Environmental	03/12/2019 Construction	159,970.35
The Bank of Edwardsville	03/13/2019 Wire Fee	15.00
The Bank of Edwardsville	03/13/2019 Wire Fee	15.00
The Bank of Edwardsville	03/13/2019 Wire Fee	15.00
CDW Government	03/19/2019 Equipment & Software	292.92
Cost Less Copy Center	03/19/2019 Board Meeting Materials	273.60
Charles Etwert	03/20/2019 Reimbursement	464.40
UMB	03/20/2019 Bond Interest Rebate	104,434.69
UMB	03/20/2019 Bond Interest Rebate	322,420.87
The Bank of Edwardsville	03/20/2019 Wire Fee	20.00
The Bank of Edwardsville	03/20/2019 Wire Fee	20.00
Columbia Capital	03/26/2019 Financial Advisor	900.00
The Bank of Edwardsville	03/31/2019 Bank Fees	31.48

**\$ 1,168,681.64**

**\$ 1,130,439.07**



**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL  
 SUPPLEMENTARY SUPPORTING SCHEDULE  
 BANK TRANSACTIONS  
 April 30, 2019**

Beginning Bank Balance as of April 1, 2019		<b>\$ 1,130,439.07</b>
Receipts		
UMB Bank	04/16/2019 Admin Transfer	16,806.89
UMB Bank	04/16/2019 Construction Transfer	316,525.74
The Bank of Edwardsville	04/30/2019 Interest	1,946.11
		<b>\$ 335,278.74</b>
Disbursements		
Sprague & Urban	04/02/2019 Legal	602.40
East-West Gateway	04/04/2019 Supervisor Management Services	13,162.02
CliftonLarsonAllen LLP	04/09/2019 Accounting	2,410.00
Columbia Capital	04/09/2019 Financial Advisor	900.00
Wood Environmental	04/10/2019 Construction	314,123.34
Husch Blackwell	04/16/2019 Legal	5,340.50
The Bank of Edwardsville	04/16/2019 Wire Fee	15.00
The Bank of Edwardsville	04/16/2019 Wire Fee	15.00
Craney Law Group	04/30/2019 Legal	2,533.50
The Bank of Edwardsville	04/30/2019 Bank Fees	31.44
AT&T	04/15/2019 Internet	101.92
WalMart	04/16/2019 Supplies	15.13
DropBox	04/24/2019 Equipment & Software	99.00
		<b>\$ 339,349.25</b>
		<b>\$ 1,126,368.56</b>





Memo to: Board of Directors  
From: Chuck Etwert  
Subject: East St. Louis Deep Cutoff Wall – Spire Relocation  
Date: May 13, 2019

Due to a location conflict with the Corps of Engineers' proposed East St. Louis Deep Cutoff Wall, Spire will be relocating 235 feet of 10 inch steel propane main with 325 feet of 10 inch steel propane main at an estimated cost of \$289,586.

As explained at the March meeting, it is the Non-Federal Sponsor's responsibility to obtain all land, easements rights-of-way, relocations and disposal area (LERRDs) necessary for the construction of Authorized Level Improvements. Per the existing Spire easement agreement, MESD is responsible for this relocation. Fortunately, LERRD costs are eligible to be part of the Non-Federal sponsor's thirty five percent share of overall project costs.

As with almost all of utility work, Spire is requesting pre-payment prior to proceeding with the relocation project.

This is an estimated cost and upon completion of the work, Spire will compute the actual cost of the work and any difference between the amount of this payment and the actual cost will be either paid by the FPDC or refunded to the FPDC by Spire as the case may be.

Recommendation: Authorize the Chief Supervisor to pay Spire NGL Inc. \$289,586 for the relocation of a 10" steel pipe gas main in conjunction with the Corps of Engineers' proposed East St. Louis Deep Cutoff Wall Project.'

**SPIRE NGL INC.  
FACILITY RELOCATION AND ADJUSTMENT AGREEMENT**

**BILLING INFORMATION:**

Name: <u>Donald Sawicki</u>	Re: Work Order(s): <u>02647201</u>
Title: <u>Commissioner</u>	_____
Organization: <u>Metro East Sanitary District</u>	_____
Address: <u>1800 Edison Avenue (P.O. Box 1366)</u>	_____
City, State, Zip: <u>Granite City, IL 62040-1366</u>	_____
Phone: <u>(618) 452-9400</u>	_____

The undersigned parties agree that abandonment and/or relocation of existing SPIRE NGL INC. facilities, as described below, is necessary as a result of unavoidable physical conflict with work proposed by the undersigned responsible party.

Abandon 235 Ft. of 10" ST PR main on private property. Install 325 Ft. of 10" ST PR main over USACE levee. Relocation required due to conflicts with proposed USACE cut-off wall.

\_\_\_\_\_

\_\_\_\_\_

SPIRE NGL INC. has estimated the total cost of adjustment required to resolve said conflict, which estimate takes into account direct costs, including labor, equipment, and materials, plus applicable overheads and related charges. The estimated costs are as follows:

Construction of new facilities to replace those in conflict:		Mains --	\$	<u>289,586</u>
		Services --	\$	<u>0</u>
 Estimated total cost of adjustment:			\$	<u>289,586</u>

The Responsible party shall pay SPIRE NGL INC. actual total cost of adjustment in accordance with the following payment terms, regardless of the amount of time that elapses between the calculation of the estimate and the completion of the adjustment and whether such actual costs is greater or less than the above estimate.

Terms of payment: Payment of the estimated cost prior to the start of work with the further agreement that after work is complete, to pay any additional charges based on actual cost; provided that any payment in excess of the actual costs will be refunded by SPIRE NGL INC. Terms: Net 30 days after rendition of invoice.

Execution of this agreement authorizes SPIRE NGL INC. to proceed with the abandonment and relocation work described herein and obligates the Responsible Party to reimburse Spire for all of its actual total costs (including overheads and related charges) related thereto in accordance with the above terms of payment.

For: <u>SPIRE NGL INC.</u>	For: _____
By: <u><i>Michael C. Geiselhart</i></u>	By: _____
Name: <u>Michael C. Geiselhart</u>	Name: _____
Title: <u>President</u>	Title: _____
Date: <u>4/3/19</u>	Date: _____

**RESPONSIBLE PARTY**



Project #: 026472

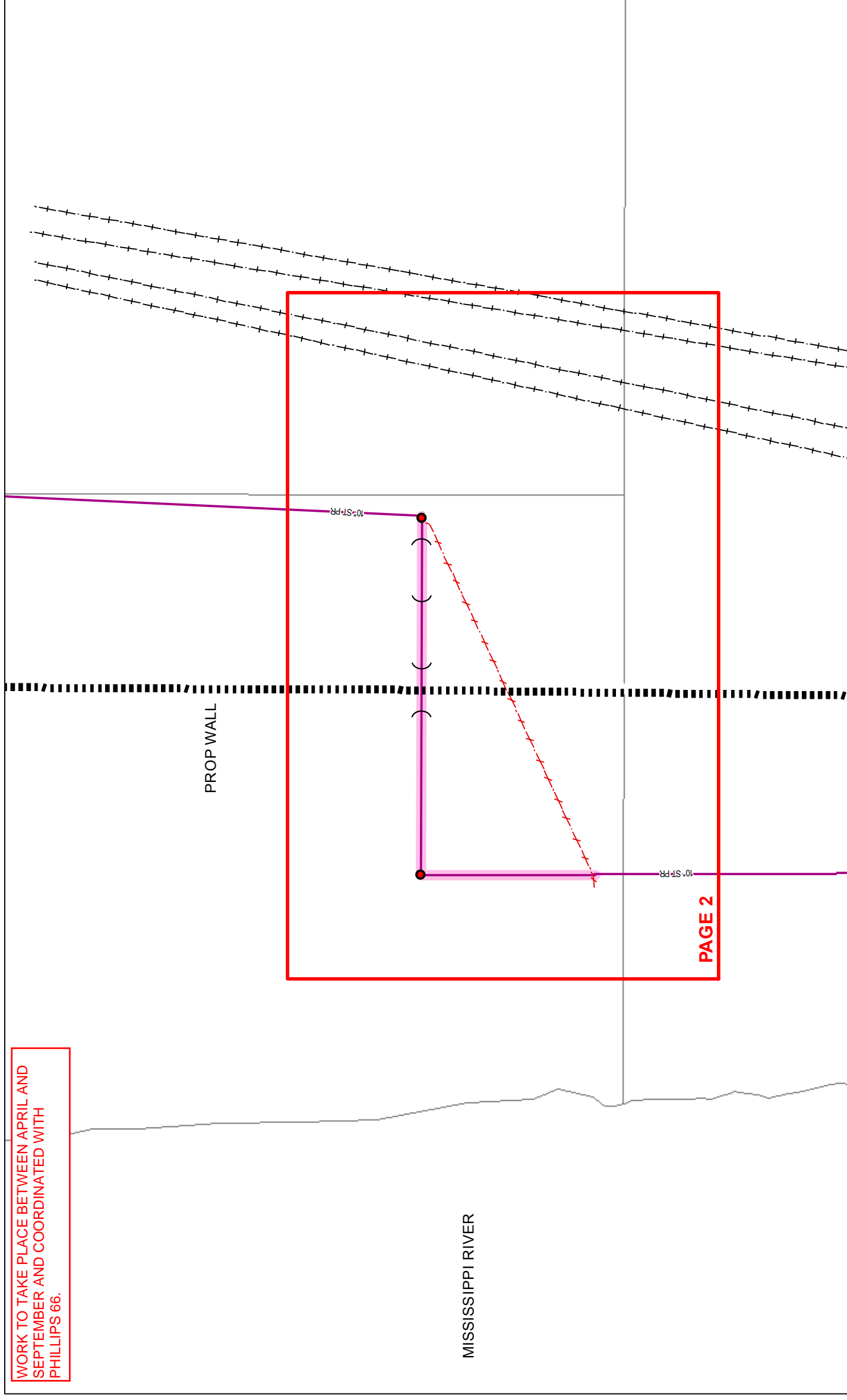
Municipality: East St. Louis

Job Description: USACE Cut-Off Wall - Spire NGL MRELO

Maximo Work Order: 02647201

Map Grid:

WORK TO TAKE PLACE BETWEEN APRIL AND SEPTEMBER AND COORDINATED WITH PHILLIPS 66.



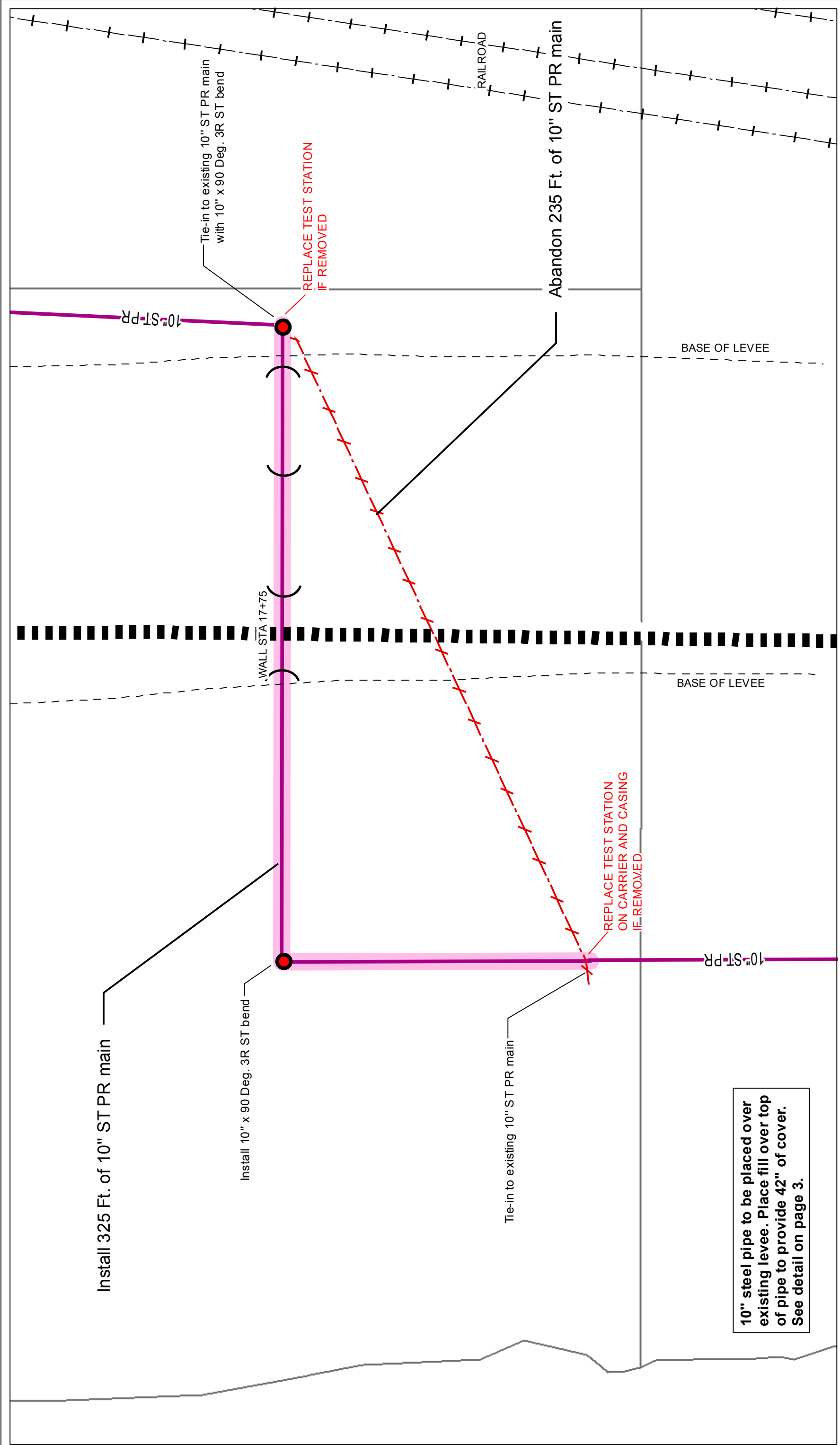
FOR QUESTIONS ABOUT THIS DESIGN OR TO REQUEST A SCOPE OF WORK CHANGE PLEASE CONTACT CONSTRUCTION ENGINEERING AT 314-713-6572

Main & Service	Gas Valve	Take Point	Electronic Marker	End Cap	Vertical Ell	Street Car Tracks
Existing	Ball	Drip	Service Tee	Flange	Bend	RCP Reinforced Concrete Pipe
Install	Butterfly	TS Test Station	Stopper / Bottom Outlet	Insulated Flange	Exposed Pipe	CMP Corroged Metal Pipe
Proposed	Gate	R Regulator Station	Coupling	Cross	Rectifier	Contamination
Abandon	Plug	M Meter Setting	Insulated Coupling	Reducer	Rectifier Cable	DNR Tanks
Gas Pipe Casing	Blow Down	Marker Post	Trace Wire Box	Tee	SteamLines	DNR Remediation

1. INSTALL STEEL MAIN PER STD. 10500
2. INSTALL PLASTIC MAIN PER STD. 10503
3. FOR INCREASES IN MAXIMUM ALLOWABLE OPERATING PRESSURE SEE STD. 10001
4. SEE STD. 15606 FOR TRACE WIRE AND TEST STATION INFORMATION.
5. CORROSION PROTECTION INSPECTOR TO CHECK CATHODIC PROTECTION OF ALL EXISTING CATHODICALLY PROTECTED FACILITIES EXPOSED AND DIRECT STEPS NECESSARY TO MAINTAIN PROPER ISOLATION AND CATHODIC PROTECTION AS REQUIRED. A PIPE OBSERVATION REPORT IS TO BE CREATED IN MAXIMO ON READINGS PER STD. 12115, 12121 AND 12122 PER INSTRUCTIONS FROM CORROSION PROTECTION INSPECTOR.
6. INSTALL ANODES AND/OR TEST STATIONS EXPOSED PIPE CONDITIONS PER STD. 12000.
7. FOR UTILITY LOCATES, CALL ONE-CALL SYSTEM "811" OR (1-800-344-7483), AREA CATV AND ALL OTHER AFFECTED UTILITIES.
8. CONTACT GIS DEPARTMENT FOR NECESSARY FIELD NOTES AT 314-349-2963.
9. CONTACT ROW TO SECURE NECESSARY EASEMENTS AND FOR ANY SURVEY WORK @ (314-658-5497 OR 314-349-2933)
10. SQUEEZE-OFF PROCEDURE - STD. 10510, 10511
11. SHUTDOWN PROCEDURE - STD. 10000. CONTACT SYSTEM CONTROL AT 314-658-5486 OR 314-658-5488
12. CONDUCT INITIAL CATHODIC PROTECTION SURVEY FOR NEW STEEL INSTALLATION.
13. RADIOGRAPH PER COMPANY WELDING STD. 100.0 AND 100.4.
14. PRESSURE TEST PER STD. 14501 DOCUMENT ON PRESSURE TEST PAGE.
15. ABANDON GAS MAIN PER STD. 10701.
16. INSERT PLASTIC MAIN PER STD. 10507.
17. ANY QUESTIONS CONCERNING "UPGRADING" OF EXISTING MAINS CONTACT PIPELINE SAFETY COMPLIANCE @ 314-349-2932.
18. LACLEDE PERSONNEL SHOULD FOLLOW STANDARD PRECAUTIONS REGARDING THE POTENTIAL FOR DRIP OIL TO BE PRESENT IN ACTIVE GAS MAINS AND ADHERE TO APPROVED PROCEDURES FOR MANAGEMENT/DISPOSAL OF ANY PIECES OF PIPE GENERATED IN THE COURSE OF ABANDONMENT. ANY DOCUMENTED DRIPS SHOULD BE CLEARED AND DRAINED BEFORE ABANDONMENT.
19. ALL PLASTIC MAIN TO BE TERMINATED PER STD 15631
20. INSTALL EFV OR MANUAL SHUTOFF VALVE PER STD 16590

Check for Work Order Authorization

Designer:	Revision Date(s):
NMT	
Original Date:	
2/11/19	

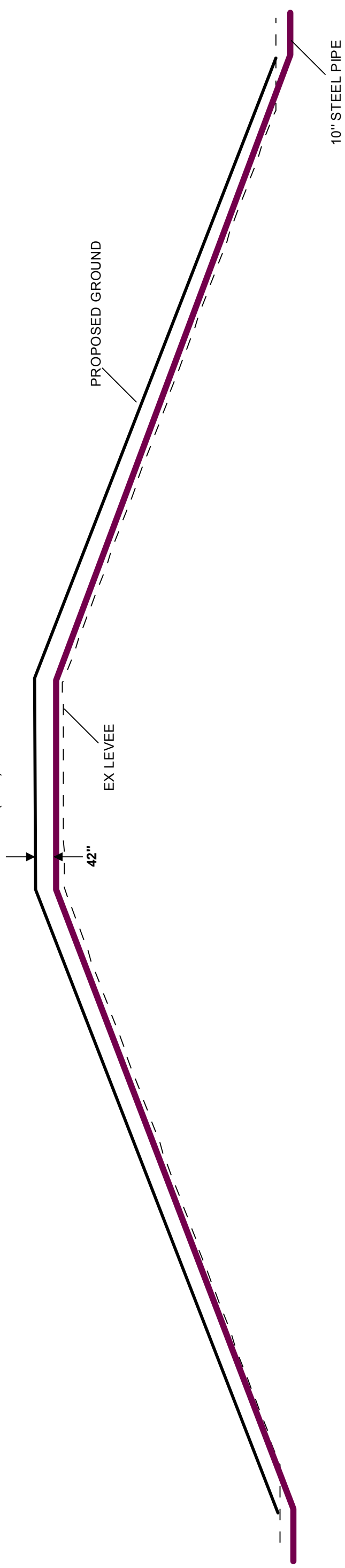


Maximo Work Order: 02647201

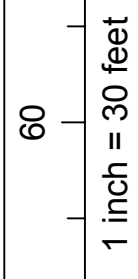
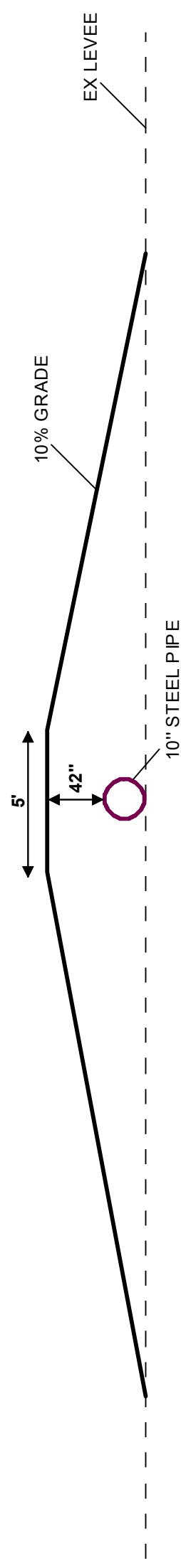
Project #: 026472

Job Description: USACE Cut-Off Wall

**Profile View**  
(NTS)



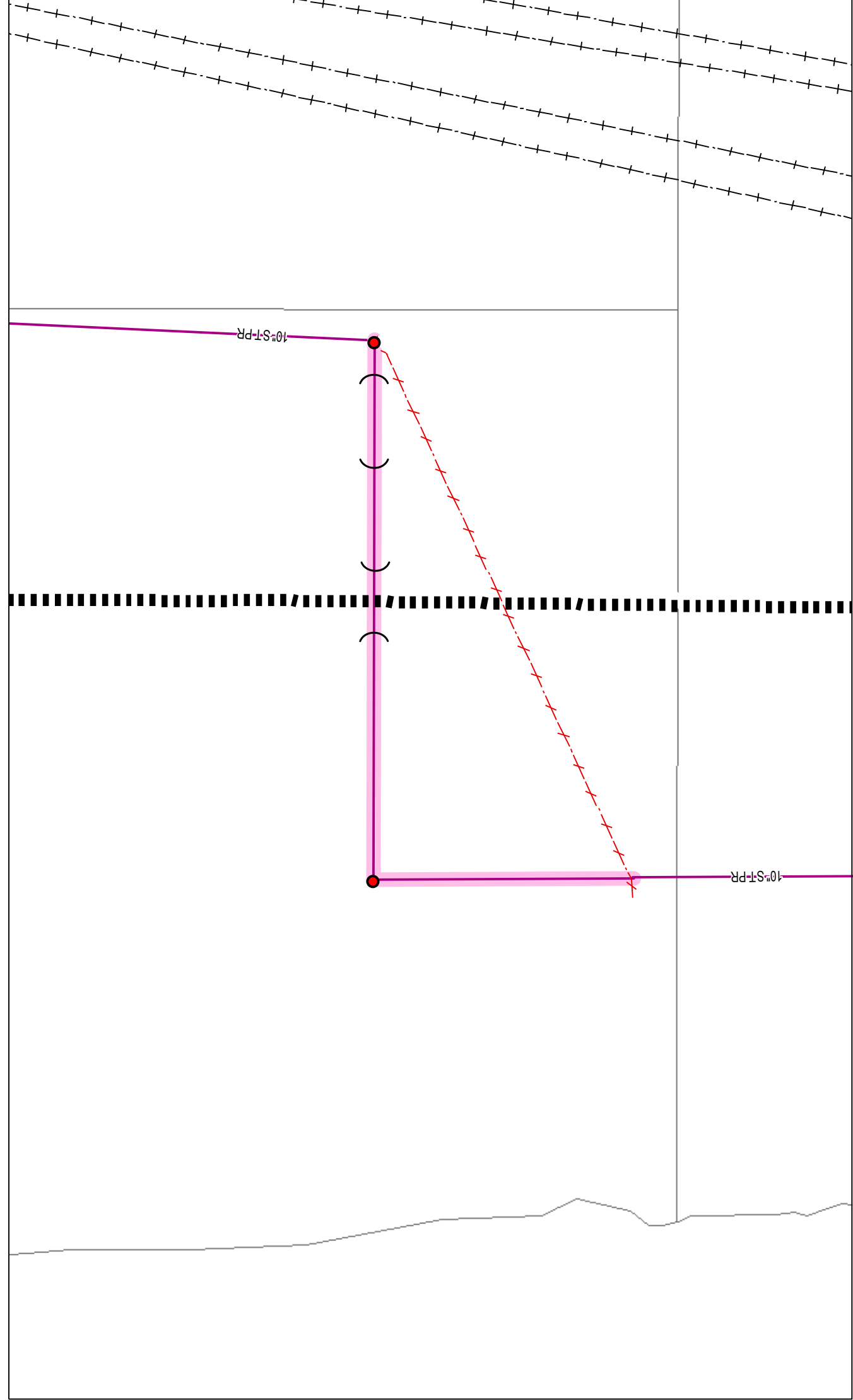
**Cross Section**  
(NTS)





Job Description: USACE Cut-Off Wall - Spire NGL MRELO      Municipality: East St. Louis      Project #: 026472  
 Maximo Work Order: 02647201      Map Grid:

Tie-in Number _____ Soap Test <input type="checkbox"/> Yes <input type="checkbox"/> No (Steel Only) Main Condition <input type="checkbox"/> Good <input type="checkbox"/> Soft & Pitted <input type="checkbox"/> Deep Pits	Tie-in Number _____ Soap Test <input type="checkbox"/> Yes <input type="checkbox"/> No (Steel Only) Main Condition <input type="checkbox"/> Good <input type="checkbox"/> Soft & Pitted <input type="checkbox"/> Deep Pits	Tie-in Number _____ Soap Test <input type="checkbox"/> Yes <input type="checkbox"/> No (Steel Only) Main Condition <input type="checkbox"/> Good <input type="checkbox"/> Soft & Pitted <input type="checkbox"/> Deep Pits	Tie-in Number _____ Soap Test <input type="checkbox"/> Yes <input type="checkbox"/> No (Steel Only) Main Condition <input type="checkbox"/> Good <input type="checkbox"/> Soft & Pitted <input type="checkbox"/> Deep Pits
CATH. PROT. _____	CATH. PROT. _____	CATH. PROT. _____	CATH. PROT. _____
P/S _____	P/S _____	P/S _____	P/S _____
T/S# _____	T/S# _____	T/S# _____	T/S# _____



# PRESSURE TEST OF GAS MAINS

(One Test Per Sheet)

Pipe Size: \_\_\_\_\_ Length (ft): \_\_\_\_\_  
 Pipe Size: \_\_\_\_\_ Length (ft): \_\_\_\_\_  
 Pipe Size: \_\_\_\_\_ Length (ft): \_\_\_\_\_

Pressure System: TF \ SF \ FP \ HP \ SIP \ IP \ MP \ LP  
 Test Medium: Water \ Air \ Gas Other: \_\_\_\_\_

Gauge Type: Recording      Indicating      Dead Weight  
 Gauge I.D.: \_\_\_\_\_  
 Calib. Date: \_\_\_\_\_

Test Date: \_\_\_\_\_  
 Start Time: \_\_\_\_\_ End Time: \_\_\_\_\_  
 Start Press.: \_\_\_\_\_ End Press.: \_\_\_\_\_  
 Start Temp.\*: \_\_\_\_\_ End Temp.\*: \_\_\_\_\_

\* Water or Pipe temperature, not ambient  
**If Discharge volume is over 1,000 gallons - Contact Lab for sample collection.**

Note all leaks or failures, including cause, and corrective action taken in comments below.  
**SEE STD#14501 FOR PRESSURE TESTING OF MAIN REQUIREMENTS. FOR ANY QUESTIONS REGARDING THE STANDARD, PLEASE CONTACT PIPELINE SAFETY AND COMPLIANCE AT 314-349-2932 OR 314-342-3323**

Crew Foreman: \_\_\_\_\_ Date: \_\_\_\_\_  
 Field Clerk: \_\_\_\_\_ Date: \_\_\_\_\_  
 District Supv.: \_\_\_\_\_ Date: \_\_\_\_\_  
 District Eng.: \_\_\_\_\_ Date: \_\_\_\_\_

Comments: \_\_\_\_\_





Memo to: Board of Directors

From: Chuck Etwert

Subject: Wood Work Order #11 – Amendment #4  
FEMA Certification Submittals

Date: May 13, 2019

Wood has submitted Amendment #4 to Work Order #11, FEMA Certification Submittals, to coordinate with the Department of Homeland Security's Federal Emergency Management Agency (FEMA) and Illinois State Water Survey (ISWS) to complete any necessary Flood Insurance Rate Map (FIRM) revisions necessary before FEMA can issue the applicable letter(s) of continued accreditation. This effort includes necessary hydrologic and hydraulic (H&H) modeling efforts and geotechnical review of subsequent water surface profiles against the requirements of Title 44, Section 65.10, of the Code of Federal Regulations (44 CFR 65.10).

This should complete all of the submittals required for FEMA certification.

As mentioned in the Program Status Report, with prompt review of these remaining resubmittals, FEMA's issuance of continued accreditation letters for Wood River East & West Forks, Lower Wood River, and Upper Wood River could hopefully occur by late summer.

A copy of Work Order #11 Amendment #4 is attached to this memo.

**Recommendation:** Authorize the Chief Supervisor to execute Work Order #11 Amendment #4 with Wood Environment & Infrastructure Solutions, Inc. for FEMA Certification Submittals, as shown in the attachment, in the amount of \$35,000.00.





**Attachment A  
Scope of Work**

**WORK ORDER NO: MSA01-WO11  
FEMA Certification Submittals  
Amendment #4**

Scope of Work per Work Order 11, as amended, with the following addition:

**F. Illinois State Water Survey (ISWS) Review & Comment Coordination**

Wood will coordinate with the Department of Homeland Security's Federal Emergency Management Agency (FEMA) and Illinois State Water Survey (ISWS) to complete any necessary Flood Insurance Rate Map (FIRM) revisions necessary before FEMA can issue the applicable letter(s) of continued accreditation. This effort includes necessary hydrologic and hydraulic (H&H) modeling efforts and geotechnical review of subsequent water surface profiles against the requirements of Title 44, Section 65.10, of the Code of Federal Regulations (44 CFR 65.10).

**WORK ORDER 11 SUMMARY:**

Total for Original Agreement	= \$ 325,000
Total for Amendment 1	= \$ 0
Total for Amendment 2	= \$ 100,000
Total for Amendment 3	= \$ 70,000
<u>Total for Amendment 4</u>	<u>= \$ 35,000</u>
<b>Total for Work Order 11</b>	<b>= \$ 530,000</b>



Memo to: Board of Directors

From: Chuck Etwert

Subject: Wood Work Order #18 – Amendment #3  
MESD Cutoff Wall Utility/Easement Assistance

Date: May 13, 2019

Wood has submitted Amendment #3 to Work Order #18, MESD Cutoff Wall Utility/Easement Assistance, for additional services including the preparation of easement documents in accordance with applicable Federal guidelines for the acquisition of permanent and temporary easements, the extents of which have been provided by USACE. Additional services include appraisals, in accordance with applicable Federal guidelines, and negotiation services for obtaining the easements identified by USACE needed for the Design Deficiency Corrections for the East St. Louis, Illinois Flood Protection Project.

The majority of the work will be performed by MESD's engineer Juneau Associates Inc. with Wood providing oversight, environmental work, and coordination with owners and utilities as needed.

These costs are the responsibility of the non-federal partner and are eligible to be included in the Land Easements Relocations Right of Way & Disposal Sites (LERRDs) costs which can be part of the non-federal thirty five percent share of overall project costs.

As part of the Council's Work In-Kind Credit for East St. Louis, the Council has already provided the subsurface field exploration required for the design of the deep cutoff wall and previous mentioned easement and utility identification assistance.

A copy of Work Order #18 Amendment #3 is attached to this memo.

**Recommendation:** Authorize the Chief Supervisor to execute Work Order #18 Amendment #3 with Wood Environment & Infrastructure Solutions, Inc. for MESD Cutoff Wall Utility/Easement Assistance required for the East St. Louis Deep Cutoff Wall, as shown in the attachment, in the amount of \$130,000.00.





**WORK ORDER NO: MSA01-WO18 – Amendment #3**

**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 & 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 Ewert</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: MESD Deep C.O.W. Utilities
3. PERIOD OF PERFORMANCE: November 15, 2017 through Dec 31, 2020
4. AUTHORIZED FUNDING: \$130,000
5. SPECIAL PROVISIONS: n/a

**Southwestern  
Illinois Flood Prevention District Council**

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

By: \_\_\_\_\_  
Name: Charles Ewert  
Title: Chief Supervisor of  
Construction and the Works

By: \_\_\_\_\_  
Name: Steve Stumne  
Title: St. Louis Office Manager

Date: \_\_\_\_\_  
Address: 104 United Drive  
Collinsville, IL 62234

Date: \_\_\_\_\_  
Address: 15933 Clayton Road, Suite 215  
Ballwin, MO 63011

**Attachment A  
Scope of Work**

**WORK ORDER NO: MSA01-WO18**

Wood's services will include meetings with USACE and MESD, review of documents provided by USACE, acquisition and review of documents from MESD, and review of easements to identify utilities located within the probable footprint of the deep cut off wall in MESD being designed by USACE.

**Amendment #1 – 03/21/2018**

Easement Appraisal, Preparation, and Negotiation:

Additional services include preparation of easement documents in accordance with applicable Federal guidelines for the acquisition of permanent and temporary easements, the extents of which have been provided by USACE. Additional services include appraisals, in accordance with applicable Federal guidelines, and negotiation services for obtaining the easements identified by USACE needed for the MESD deep cutoff wall.

This scope does not include the fee paid to the parcel owner for obtaining the easements.

**Amendment #2 – 07/18/2018**

Utility Coordination:

Additional services include coordination with utility companies to facilitate the necessary utility abandonments and/or relocation. Additional effort for meetings with MESD and USACE, as well as easement appraisal, preparation, and negotiation. Services associated with locating and obtaining land rights for a disposal site for spoil material.

**Amendment #3 – 05/15/2019**

Easement Appraisal, Preparation, and Negotiation:

Additional services include preparation of easement documents in accordance with applicable Federal guidelines for the acquisition of permanent and temporary easements, the extents of which have been provided by USACE. Additional services include appraisals, in accordance with applicable Federal guidelines, and negotiation services for obtaining the easements identified by USACE needed for the Design Deficiency Corrections for the East St. Louis, Illinois Flood Protection Project.

**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
<b>Total for Work Order 18</b>	<b>= \$385,000.00</b>