



SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL  
BOARD OF DIRECTORS MEETING  
September 18, 2019 7:30 am

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

1. Call to Order  
*Debra Moore, President*
2. Approval of Minutes of August 21, 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. Resolution declaring the intention of the Southwestern Illinois Flood Prevention District Council, Madison, St. Clair and Monroe Counties, Illinois, to issue not to exceed \$105,000,000 Flood Prevention District Council Sales Tax Revenue Bonds  
*Jeff White/Khalen Dwyer, Columbia Capital Management*
8. Fiscal Agent Services  
*Chuck Etwert, Chief Supervisor*
9. Financial Advisor Services  
*Chuck Etwert, Chief Supervisor*

AGENDA

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

11. Public Comment

Executive Session (if necessary)

12. Other Business

13. Adjournment

**Next Meeting: November 20, 2019**

## MINUTES

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

August 21, 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 August 21, 2019.

#### Members in Attendance

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  
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

Ron Motil, President (Chair, Madison County Flood Prevention District)  
Isabelle Crockett, St. Clair County Flood Prevention District

#### Others in Attendance

Robert Elmore, Monroe County Board Chair  
Mark Kern, St. Clair County Board Chair  
Chuck Etwert, SW Illinois FPD Council  
Ron Carnell, Wood River Drainage & Levee District  
Jeremy Dressel, Juneau Associates Inc.  
Mike Feldmann, U.S. Army Corps of Engineers  
Larry Hofstetter, Prairie Du Pont Levee  
David Human, Husch Blackwell LLP  
Charles Juneau, Juneau Associates Inc.  
Tracey Kelsey, U.S. Army Corps of Engineers  
Jay Martin, Wood Environment & Infrastructure Solutions, Inc.  
Jack Norman, Illinois Groundwater Advisory Council  
Jon Omvig, Wood Environment & Infrastructure Solutions, Inc.  
John Osterhage, U.S. Army Corps of Engineers  
Don Sawicki, Metro-East Sanitary District  
Mike Sullivan, Prairie Du Pont Levee  
Kevin Williams, Wood Environment & Infrastructure Solutions, Inc.

**Call to order**

In the absence of President Ron Motil, Vice President Debra Moore noted the presence of a quorum and called the meeting to order at 7:31 a.m.

Dr. Moore 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. Metzger - Present
- Dr. Moore – Present
- Mr. Plank - Present
- Mr. Schwind - Present

A quorum was present.

**Approval of Minutes of July 17, 2019**

Dr. Moore asked for a motion to approve the minutes of the Board meeting held on July 17, 2019. A motion was made by Mr. Schwind, seconded by Mr. Brinkman, to approve the minutes of the Board meeting held on July 17, 2019. A voice vote was taken with all members present signifying aye.

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

The meeting minutes were approved.

**Public Comment on Pending Agenda Items**

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

**Program Status Report**

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

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



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

He indicated Wood submitted to FEMA the additional information requested for the Prairie Du Pont and Fish Lake Illinois Flood Protection Project Certification on July 24, 2019. Per a conversation with Mr. Ken Hinterlong of FEMA the previous day and a letter of continued accreditation should be forth coming the week of August 26<sup>th</sup>.

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

Wood completed and submitted to the Illinois State Water Survey (ISWS) the additional hydrology and hydraulic (H&H) data for the Cahokia Creek, Indian Creek, West Fork Wood River, East Fork Wood River and Wood River on July 31, 2019.

Wood will begin some targeted geotechnical re-analysis of certain reaches in Lower Wood River due to the revised modeling indicating higher water elevations. The geotechnical re-analysis and the ISWS review will happen concurrent.

FEMA's issuance of continued accreditation letters for the Wood River East & West Forks, and Lower Wood River Systems will be dependent on the review of the resubmittals by ISWS and the Illinois Department of Natural Resources.

The Corps of Engineers continues to wait for FEMA on their Upper Wood River resubmittal.

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. A bid opening and award is anticipated before the end of the year.

Execution of the amended Project Partnership Agreement for the Wood River Levee System allowing for the utilization of Work In-Kind credit was executed on July 26, 2019. \$16,041,496 of Work In-Kind credit has been earned to date.

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 \$9.7 million dollars, and develop the Council's Bid Package #18. Design completion has been delayed due to seismic design guidelines delaying a contract award from November 2019 to January 2020.

Wood is completing the design of Bid Package #14A, which involves the construction of a riverside shallow cutoff trench, two riverside clay blankets, and filling of a landside ditch. The current estimated cost is \$1.3 million dollars with a bid date this fall.

Wood is also continuing the design of Bid Package #11. Design is anticipated to be completed early next year, with Board approval in March 2020. The preliminary estimated construction cost is \$9,500,000 dollars.

As a result of recent flood event flows, it now appears that future Bid Package #12, which is needed for Work In-Kind credit, will involve modifications to MESD pump stations at sites 9 and 10.

The Corps' East St. Louis Deep Cutoff Wall Project is now out on the street for bid. A pre-bid site meeting was held on August 8, 2019 and was well attended.

## Prairie Du Pont/Fish Lake Levee Systems

The design progress for Bid Packages #15, #16, and #17 continues to wait for the Corps' risk assessment.

The first Potential Failure Mode Analysis (PFMA) and the Semi-Quantitative Risk Assessment (SQRA) have been held. 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 anticipated to be completed by summer 2020.

He indicated that on August 8<sup>th</sup>, he met with Mr. Gary Waxman, Office of Management and Budget Examiner for Flood Risk Management and Flood Control and Coastal Emergency, Mr. Mark Roupas, HQUSACE Deputy Chief, Office of Homeland Security USACE, and Mr. Jeff Jensen, HQUSACE Flood Risk Management Business Line Manager to discuss the work the Council is doing with the Corps and the need for funding. Mr. Waxman is the individual who makes the final recommendation to the President on what projects are included in the President's budget.

The Levee Community Preparedness Presentations with the Levee Issues Alliance and the Corps of Engineers continue with the Rotaries of Columbia & Granite City and the Dupon/East Carondelet Chamber of Commerce being completed and the Columbia & Waterloo Chambers of Commerce and the East Alton Rotary currently scheduled.

There was a brief discussion regarding Mr. Waxman's visit to the area. Mr. Etwert indicated he had provided a brief history of the overall project, how the counties have worked together to solve a problem, and the need for additional funding to achieve the Authorized Level of protection.

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

Dr. Moore asked for a motion to accept the Program Status Report for August 2019. A motion was made by Mr. Parks to accept the Program Status Report for August 2019. Mr. Schwind seconded the motion. A voice vote was taken with all members present signifying aye.

Mr. Brinkman – Aye  
Mr. Conrad – 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**

Dr. Moore asked Mr. Etwert to provide a report.

Mr. Etwert noted that the financial statements for July 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 month ending July 31, 2019 as compared to the fiscal year budget.

Accrued expenditures for the current fiscal year beginning on October 1, 2018 thru July 31, 2019 are \$16,682,703 while revenues amounted to \$10,961,023 resulting in a deficit of \$5,721,680. A total of \$33,364,420 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 \$1,104,088 for May 2019 were up .18% from last year. Receipts for the year are still down 2.27% from last year, our highest year, due to the February refund in Madison County.

He also provided for the Board's review and anyone else who was interested, the bank transactions for July 2019. Total disbursements for July were \$318,236.75. He indicated copies of all of the transactions were available for viewing.

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

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

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

The motion was approved unanimously.

### **Design and Construction Update**

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

He used a PowerPoint® presentation to illustrate his remarks. His presentation focused on FEMA Certification Update and the Authorized Level (500-Year) Design as follows:

### **FEMA Certification Update**

A FEMA Submittal Summary was presented.

# FEMA Submittal Summary

	Upper Wood River	East/West 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 <sup>nd</sup> 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	<b>Jul. 31, 2019</b>	<b>Jul. 31, 2019</b>	N/A	N/A
ISWS / IDNR Comments	N/A	<b>Aug. 7, 2019</b>	<b>Aug. 7, 2019</b>	N/A	N/A
3 <sup>rd</sup> Submittal	Pending	Pending	Pending	N/A	Apr. 16, 2019
FEMA Comments				Apr. 29, 2019 (Partial)	<b>Jul. 15, 2019</b>
4 <sup>th</sup> Submittal					<b>Jul. 24, 2019</b>
FEMA Approval					<b>Imminent</b>

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 FY 2020

- Bid Packages 9

Relief well abandonment project

Scope will be defined over the next few years as new relief well projects are completed

- Bid Packages 10

This package is no longer anticipated to be designed/constructed by FPD Council

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

- Bid Package 11

Currently discussing necessary pump station modifications with USACE

Drawings and relief well design is underway

- Bid Packages 12

Pump Station Modifications in MESD

Scope TBD

- Bid Package 14A

Clay Blanket & Trench Work at America's Central Port

Ditch Fill near Madison Pump Station

Advertise Fall 2019

Award November 2019

- Bid Package 14B

Filter Blanket Under I-70 Bridge

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

ROW Acquisition will continue

- Bid Package 18

Relief wells, Concrete/Culvert Work, Earth Fill

Working through design modifications

Safety Assurance Review (SAR) is underway

Biddability, Constructability, Operability, Environmental and  
Sustainability (BCOES) review pending

Advertise for Bid in Fall 2019,

Award November 2019

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

- Still working with USACE to validate solutions
- Additional drilling postponed to mid-2020
- 100% FPD Council funded design and construction (No Federal match)
- USACE Risk Review

Kick Off was December 2018

1<sup>st</sup> meeting (PFMA) was April 1-5, 2019

2<sup>nd</sup> meeting (SQRA) is this week (May 13-17, 2019)

15 month duration estimated

LSOG approval planned for April 2020

Dr. Moore asked for a motion to accept Mr. Martin’s Design and Construction Update report. A motion was made by Mr. Conrad, with a second by Mr. Brinkman, to accept the Wood Environment & Infrastructure Solutions, Inc. Design and Construction Update report. A voice vote was taken with all members present signifying aye.

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

The motion was approved unanimously.

**FY 2020 Flood Prevention District Council Budget**

Dr. Moore asked Mr. Etwert to explain this item.

Mr. Etwert explained by law, the Council’s budget must be adopted by August 31 of each year for the fiscal year beginning October 1. The budget must be submitted to the county boards for approval after which they have 30 days to act on it. A draft budget was presented to the Board of Directors at the July meeting.



Easements, high river stages, construction delays, lengthy reviews, and additional reviews have push the certification process back, but all FEMA accreditations will be achieved in FY 2020.

The FY 2020 budget focuses on the continued design of Authorized Level projects and the construction of four Authorized Level bid packages.

Authorized Level construction anticipated in FY 2020 includes Bid Packages #18, #14A, #11 and #9. A final cash contribution to the Corps of Engineers satisfying the required five percent cash contribution for the East St. Louis Design Deficiency Project will be made in FY 2020. Administrative expenditures, which are a relatively small portion of our costs, remain virtually unchanged for the next year.

In general, expenditures for next year's budget are based on completing the 100-Year accreditation process and the design and construction of the Authorized Level projects. I have continued the past practice of making conservative revenue and expenditure assumptions.

The recommended FY 2020 budget was shown in Table 1, and was the same as presented in July.

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

Key assumptions were:

1. FEMA certification of all of the levee systems will be completed in FY 2020.
2. The level of Council staffing does not change in FY 2020, and general and administrative costs continue to remain a very small portion of the project expenditures (less than 1%). Staff resources continue to be supplemented by the significant use of consulting and professional services.
3. In accordance with the bond indenture, all sales tax receipts are intercepted by the Trustee and after all financial requirements for debt, construction, and administration have been satisfied, surplus funds are transferred to each County for deposit in a County Flood Prevention District Sales Tax Fund for future Council project financing. The surplus transfers are shown as expenditures in the budget.
4. A 10% construction cost contingency is included for all construction on all projects to be built.
5. Sales tax revenue is estimated to increase by 2.00% over the estimated receipts for the current year. Interest income is based on information received from our financial advisor

6. Funding for Corps of Engineers' required five percent cash contribution and for oversight on FPD design and construction and has been included.
7. The Council will continue to work with levee districts in identifying potential funding sources, where and if needed, for the maintenance and operations of the 100-Year Improvements and Authorized Level Improvements being built. Life Cycle Costs Reports for the 100-Year Improvements have been provided to each of the Levee Districts.
8. After all of the funds held by the Council are expended, the three County FPD sales tax funds will be used for the 500-Year Authorized Level Projects. Requests to each County are now anticipated to occur in September 2020 and March 2021. There is currently \$33,364,420 in the County FPD sales tax funds.
9. The budget has been developed to provide flexibility to coincide with the Corps of Engineers' utilization of the Risk Informed Process and Risk Assessment. The Council will continue to work with the Corps of Engineers regarding project priorities and design & construction responsibilities between the Corps and Wood.

He recommended the approval of the proposed FY 2020 annual budget for the Council and authorization to submit it to the Boards of Madison, Monroe, and St. Clair Counties as presented.

There was a brief discussion on the length of time need to complete the Council's Authorized Level projects. Mr. Etwert indicated in a perfect world three years, but realistically probably four to five years. Especially if there is another flood stage year like the current year. The Corps of Engineers is looking at four to five years for their projects.

Dr. Moore asked for a motion to approve the FY 2020 Flood Prevention District Council Budget and submit it to the Boards of Madison, Monroe, and St. Clair Counties as presented. A motion was made by Mr. Parks, with a second by Mr. Metzger to approve the FY 2020 Flood Prevention District Council Budget as presented in July and today and submit it to the Boards of Madison, Monroe, and St. Clair Counties. Mr. Conrad called the roll and the following votes were made on the motion:

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

The motion was approved unanimously.

### **2018-2019 Flood Prevention District Council Annual Report**

Dr. Moore asked Mr. Etwert to explain this item.

Mr. Etwert explained by law, the Council must submit an Annual Report to each county board describing activities for the past year. The report is generally submitted with our annual request for approval of Council's budget.

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

With the Council's approval he will submit the Annual Report to the Counties.

Dr. Moore asked for a motion to accept the 2018-2019 Flood Prevention District Council Annual Report and authorize the Chief Supervisor to submit it to the Boards of St. Clair, Madison, and Monroe Counties. A motion was made by Mr. Schwind with a second by Mr. Brinkman to accept the 2018-2019 Flood Prevention District Council Annual Report and authorize the Chief Supervisor to submit it to the Boards of St. Clair, Madison, and Monroe Counties. Mr. Conrad called the roll and the following votes were made on the motion:

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

The motion was approved unanimously.

### **Corps of Engineers Update**

Dr. Moore 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 her remarks. Her presentation focused on the status of the Metro East Projects as follows:

### **USACE UPDATE**

## **Metro East Projects, IL Project Status**

- **Wood River**
  - PPA WIK Amendment was executed on July 26, 2019
  - Relief well package – waiting on real estate
  - BP 8 – waiting on revised schedule
  - Pump station package – design continues
  - Real Estate required for all current work
  
- **East St. Louis**
  - Cutoff Wall
    - Contract advertised on July 31, 2019
    - Pre-Bid meeting held on August 8, 2019
    - Proposals due on September 23, 2019
    - Real estate to be acquired by August 23, 2019
  - WIK efforts for BP11, BP 14, BP 18 continue
  - MVS continues design efforts on relief wells and toe drain
  
- **Metro East Risk Communication** – next meeting today with the Columbia Chamber of Commerce
  
- **Metro East visit from HQUSACE and OMB August 8, 2019**

Upon finishing her report, she was asked if there was a levee performance analysis report regarding the recent May/July flood event. She indicated based on last month's discussion and request, Mr. John Osterhage, Chief Emergency Management St. Louis District, U.S. Army Corps of Engineers was present at the meeting.

Prior to Mr. Osterhage making his presentation, there was a brief discussion regarding the location and modification of MESD pump stations at sites nine and ten.

Following the discussion, Mr. Osterhage then presented the 2019 MVS Flood Response Presentation, an overall report, regarding of the performance of the St. Louis District levees during the recent flood event.

Dr. Moore thanked Ms. Kelsey and Mr. Osterhage and asked for a motion to accept the Corps of Engineers Update Report and the 2019 MVS Flood Response Presentation. A motion was made by Mr. Parks, with a second by Mr. Brinkman to receive the Corps of Engineers Update Report and the 2019 MVS Flood Response Presentation. A voice vote was taken with all members present signifying aye.

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

The motion was approved unanimously.

#### **Election of Officers for 2019-2020**

Mr. Etwert explained under the Council’s bylaws, Board officers (President, Vice-President, and Secretary-Treasurer) serve one year terms, must each be from a different County Flood Prevention District and are elected at the Council’s Annual Meeting. The positions have been rotated among the three County Flood Prevention Districts in the past. It has been the past practice of the Board that the County FPD chairs hold the officer positions, however, all Board members are eligible to serve as officers.

He indicated that Mr. Motil had indicated to him, he was willing to continue to serve as an officer or in whatever capacity the Board would want.

Mr. Parks made the following nominations of: Debra Moore from St. Clair County as President, John Conrad from Monroe County as Vice President, and Ron Motil from Madison County as Secretary/Treasurer. A motion to close nominations was made by Mr. Schwind.

A motion was made by Mr. Parks, with a second by Mr. Brinkman to elect the following slate of officers for FY 2020:

President: Debra Moore  
Vice-President: John Conrad  
Secretary/Treasurer: Ron Motil

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

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

The motion was approved unanimously and the FY2020 officers were elected.

**Public Comment**

Dr. Moore asked if there was any public comment. There was none.

Dr. Moore indicated the Board would be going into an executive session and indicated that it was anticipated that there would action by the Board on the purchase or lease of real property when the Board reconvenes the public session. No other items would be discussed.

Dr. Moore asked to adjourn the public session and convene an executive session regarding the purpose of discussing the purchase or lease of real property by a public agency.

Mr. Schwind made a motion at 8:17 a.m. to convene a closed session under Open Meetings Act 5 ILCS 120/2 (c) (5) for the purpose of discussing the purchase or lease of real property by a public agency. The motion was seconded by Mr. Parks. It was indicated that all Board members and County Board Chairs should be present, along with David Human, Charles Juneau, Jeremy Dressel, Don Sawicki, Jay Martin, Jon Omvig, Kevin Williams, and Chuck Ewert.

A voice vote was taken with all members present signifying aye.

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

The motion was approved unanimously.

Mr. Parks left before the start of the executive session.

Dr. Moore asked for a motion to adjourn the executive session and reconvene the public session.

Mr. Brinkman made a motion to adjourn the executive session and reconvene the public session at 8:29 a.m. Mr. Metzger 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 - absent  
Mr. Metzger - Aye  
Dr. Moore – Aye  
Mr. Motil – absent  
Mr. Parks – absent  
Mr. Plank – Aye  
Mr. Schwind - Aye

The motion was approved unanimously.

Dr. Moore called the meeting to order at 8:29 a.m.

### **Real Estate Transaction**

Dr. Moore asked for a motion to acquire Temporary Road Easement #1 for \$23,834.20 from the Terminal Railroad Association of St. Louis (TRRA) (Wiggens Ferry Co.) for the East St. Louis Deep Cutoff Wall Project.

A motion was made by Mr. Brinkman, with a second by Mr. Schwind to acquire Temporary Road Easement #1 for \$23,834.20 from the Terminal Railroad Association of St. Louis (TRRA) (Wiggens Ferry Co.) for the East St. Louis Deep Cutoff Wall Project.

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

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

Mr. Parks – absent  
Mr. Plank – Aye  
Mr. Schwind - Aye

The motion was approved unanimously.

**Other Business**

Dr. Moore asked if there was any other business. There was none.

**Adjournment**

Dr. Motil asked for a motion to adjourn the meeting. A motion was made by Mr. Plank seconded by Mr. Schwind 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 August 21, 2019

Southwestern Illinois Levee Systems

By Jay Martin

woodplc.com



## FEMA Submittal Summary

	Upper Wood River	East/West 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 <sup>nd</sup> 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	<b>Jul. 31, 2019</b>	<b>Jul. 31, 2019</b>	N/A	N/A
ISWS / IDNR Comments	N/A	<b>Aug. 7, 2019</b>	<b>Aug. 7, 2019</b>	N/A	N/A
3 <sup>rd</sup> Submittal	Pending	Pending	Pending	N/A	Apr. 16, 2019
FEMA Comments				Apr. 29, 2019 (Partial)	<b>Jul. 15, 2019</b>
4 <sup>th</sup> Submittal					<b>Jul. 24, 2019</b>
FEMA Approval					<b>Imminent</b>



## 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 FY 2020
- Bid Packages 9
  - Relief well abandonment project
  - Scope will be defined over the next few years as new relief well projects are completed
- Bid Package 10
  - This package is no longer anticipated to be designed/constructed by FPD Council.

3

A presentation by Wood.



## Authorized Level (~500-Year) Design

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

- Bid Packages 11
  - Currently discussing necessary pump station modifications with USACE
  - Drawings and relief well design is underway
- Bid Package 12
  - Pump Station Modifications in MESD
  - Scope TBD

4

A presentation by Wood.



## Authorized Level (~500-Year) Design

---

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

- Bid Package 14A
  - Clay Blanket & Trench Work at America's Central Port
  - Ditch Fill near Madison Pump Station
  - Advertise Fall 2019
  - Award November 2019
- Bid Package 14B
  - Filter Blanket Under I-70 Bridge
  - Construction Postponed until USACE MESD Deep Cutoff Wall Project is complete (~2+ years)
  - ROW Acquisition will continue

5

A presentation by Wood.



## Authorized Level (~500-Year) Design

---

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

- Bid Package 18
  - Relief wells, Concrete/Culvert Work, Earth Fill
  - Working though design modification
  - Safety Assurance Review (SAR) is underway
  - Biddability, Constructability, Operability, Environmental and Sustainability (BCOES) review pending
  - Advertise for Bid in Fall 2019
  - Award November 2019

6

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.
- Additional drilling postponed to mid-2020
- 100% FPD Council funded design and construction (No Federal match)
- USACE Risk Review
  - Kick Off was December 2018
  - 1<sup>st</sup> meeting (PFMA) was April 1-5, 2019
  - 2<sup>nd</sup> meeting (SQRA) was May 13-17, 2019
  - 15 month duration estimated
  - LSOG approval planned for April 2020

7

A presentation by Wood.



**wood.**

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

Table 1

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL  
BUDGET  
OCTOBER 1, 2019 THRU SEPTEMBER 30, 2020**

	ACTUAL	ADOPTED	PROJECTED	PROPOSED
	EXPENDITURES OCTOBER 1, 2017 THRU SEPTEMBER 30, 2018	BUDGET OCTOBER 1, 2018 THRU SEPTEMBER 30, 2019	EXPENDITURES OCTOBER 1, 2018 THRU SEPTEMBER 30, 2019	BUDGET OCTOBER 1, 2019 THRU SEPTEMBER 30, 2020
<b>REVENUES</b>				
Sales Tax Proceeds From Districts	\$ 12,243,127	\$ 12,475,000	12,206,666	\$ 12,455,000
Interest Income	650,302	280,000	1,146,874	350,000
Other Contributions			-	-
<b>Total Revenues</b>	<b>\$ 12,893,429</b>	<b>\$ 12,755,000</b>	<b>\$ 13,353,540</b>	<b>\$ 12,805,000</b>
<b>EXPENDITURES</b>				
<b>Design and Construction</b>				
Engineering Design & Construction Management	2,615,428	7,869,377	2,809,531	5,250,032
Construction	2,719,937	20,527,970	914,617	20,170,000
USACE Authorized Level Costs	207,000	3,500,000	2,100,000	2,772,851
<b>Total Design and Construction</b>	<b>\$ 5,542,365</b>	<b>\$ 31,897,347</b>	<b>\$ 5,824,148</b>	<b>\$ 28,192,883</b>
<b>Professional Services</b>				
Legal & Legislative Consulting	154,024	322,500	115,000	297,500
Diversity Program Manager	6,600	-	-	-
Financial Advisor	15,210	65,000	65,000	65,000
Bond Trustee Fee	9,521	12,000	12,000	12,000
<b>Total Professional Services</b>	<b>\$ 185,355</b>	<b>\$ 399,500</b>	<b>\$ 192,000</b>	<b>\$ 374,500</b>
<b>Refund of Surplus Funds to County FPD Accounts</b>				
<b>Total Refund of Surplus Funds to County</b>	<b>\$ 1,683,901</b>	<b>\$ 2,500,000</b>	<b>\$ 1,836,261</b>	<b>\$ 2,000,000</b>
<b>Debt Service</b>				
Principal and Interest	10,784,424	10,876,570	10,876,570	10,949,970
Federal Interest Subsidy	(850,071)	(850,070)	(853,711)	(853,711)
<b>Total Debt Service</b>	<b>\$ 9,934,353</b>	<b>\$ 10,026,500</b>	<b>\$ 10,022,859</b>	<b>\$ 10,096,259.0</b>
<b>Total Design &amp; Construction Expenses</b>	<b>\$ 17,345,974</b>	<b>\$ 44,823,347</b>	<b>\$ 17,875,268</b>	<b>\$ 40,663,642</b>
<b>General and Administrative Costs</b>				
Salaries, Benefits	193,016	213,000	215,000	220,000
Bank Service Charges	866	1,200	784	1,000
Annual IL. Lobbyist Registration	307	-	-	-
Equipment and Software	3,141	2,000	1,022	2,000
Fiscal Agency Services	30,280	32,000	29,915	34,000
Audit Services	16,000	16,500	16,500	17,000
Meeting Expenses	-	1,000	-	1,000
Postage/Delivery	709	1,000	522	1,000
Printing/Photocopies	1,870	2,500	1,350	2,000
Professional Services	-	10,000	10,000	10,000
Supplies	464	3,000	1,526	3,000
Telecommunications/Internet	2,900	3,000	2,077	3,000
Travel	689	5,000	820	5,000
Insurance	484	1,000	484	1,000
<b>Total General &amp; Administrative Costs</b>	<b>250,726</b>	<b>\$ 291,200</b>	<b>\$ 280,000</b>	<b>\$ 300,000</b>
<b>Total Expenditures</b>	<b>17,596,700</b>	<b>\$ 45,114,547</b>	<b>\$ 18,155,268</b>	<b>\$ 40,963,642</b>
<b>EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES</b>				
	(4,703,271)	\$ (32,359,547)	\$ (4,801,728)	\$ (28,158,642)
<b>OTHER FINANCING SOURCES</b>				
Proceeds From Borrowing		-	\$ -	\$ -
<b>NET CHANGE IN FUND BALANCE</b>	<b>\$ (4,703,271)</b>	<b>\$ (32,359,547)</b>	<b>\$ (4,801,728)</b>	<b>\$ (28,158,642)</b>



## Metro East Projects, IL

### Project Status

- Wood River
  - PPA WIK Amendment was executed on July 26, 2019
  - Relief well package - waiting on real estate
  - BP 8 – waiting on revised schedule
  - Pump station package - design continues
  - Real Estate required for all current work
- East St Louis
  - Cutoff Wall
    - ✓ Contract advertised on July 31, 2019
    - ✓ Pre-Bid meeting held on August 8, 2019.
    - ✓ Proposals due on September 23, 2019
    - ✓ Real estate to be acquired by August 23, 2019
  - WIK efforts for BP 11, BP 14, BP 18 continue
  - MVS continues design efforts on relief wells and toe drain
- Metro East Risk Communication – next meeting today with the Columbia Chamber of Commerce
- Metro East visit from HQUSACE and OMB August 8, 2019







# 2019 MVS FLOOD RESPONSE

John Osterhage, PE  
Chief, Emergency Management  
St. Louis District, US Army Corps of Engineers  
Date: 21 August 2019



US Army Corps  
of Engineers



## AGENDA



2

- Planning / Preparation
- Levee Performance
  - Overtopping
  - Underseepage
  - "Aging Infrastructure"
  - Interior Drainage
- Recovery
- 1993 vs 2019

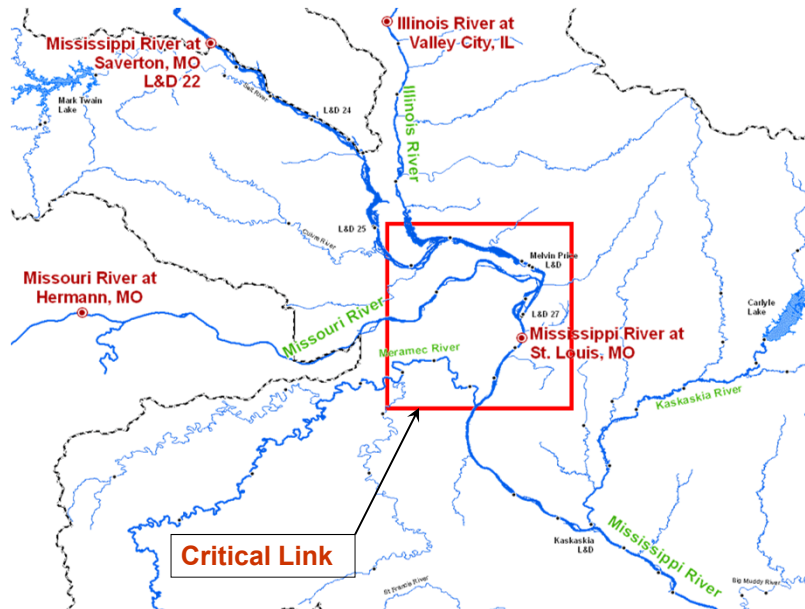
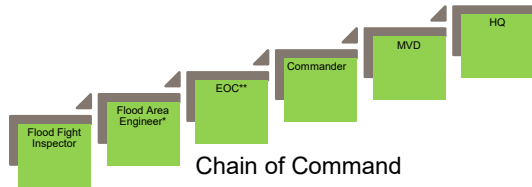




# PLANNING AND PREPARATION



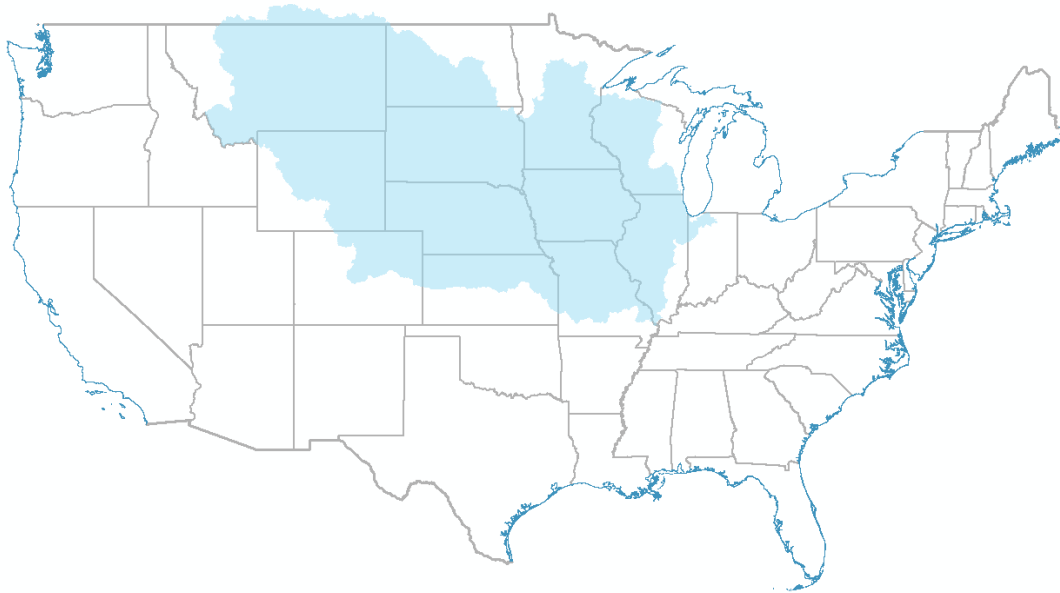
- Flood Fight teams
  - Monitoring
  - Technical advice
  - Local Sponsor makes ultimate decisions
- State Liaisons
- Flood Fight Training
- Spring Flood Preparation Meetings





# WATERSHED ABOVE ST. LOUIS

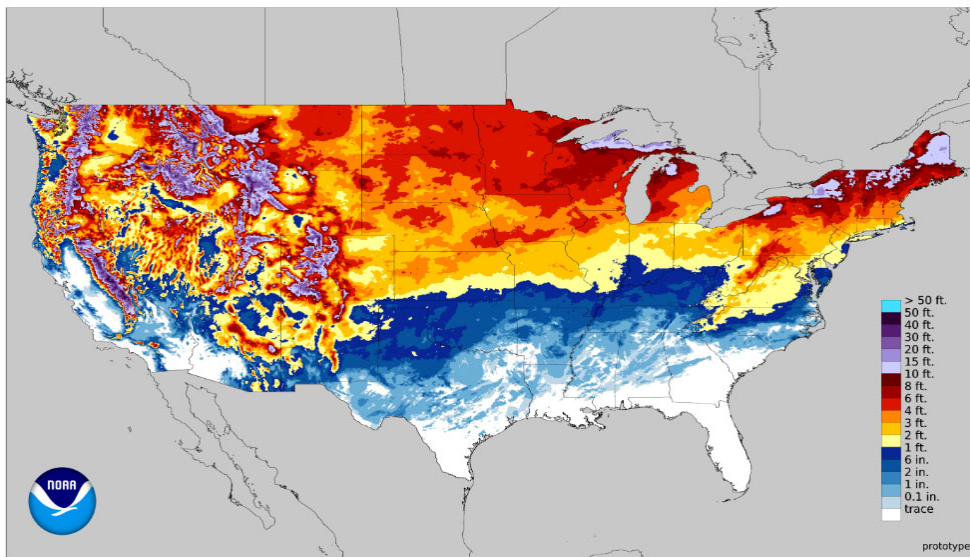
5



# National Snowfall Analysis: accumulation from 2018-09-30 to 2019-03-07

Issued 2019-03-12 14:00:03 UTC

6

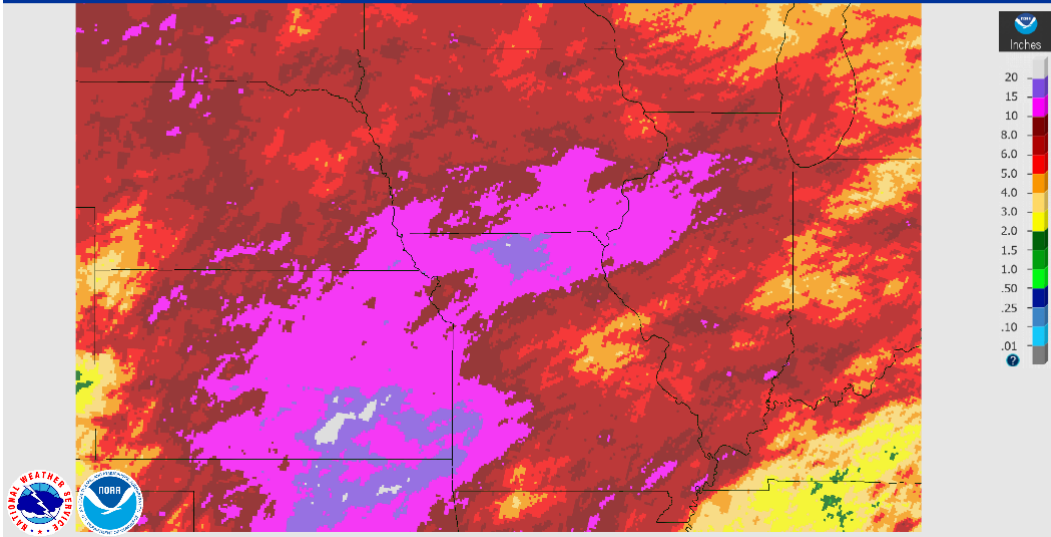




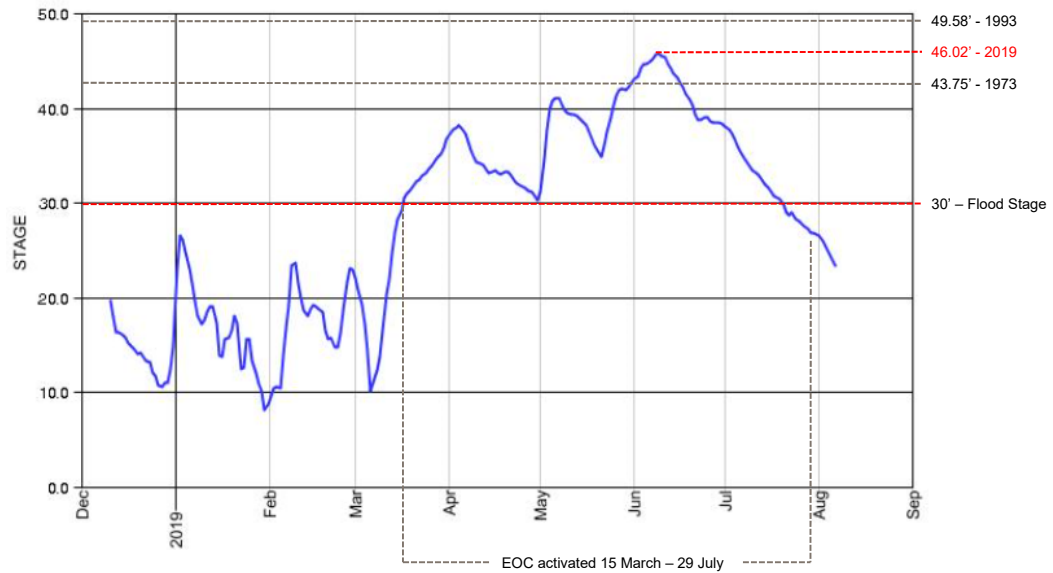
# MAY RAINFALL

May 01, 2019 Monthly Observed Precipitation

Created on: June 15, 2019 - 15:36 UTC  
Valid on: June 01, 2019 12:00 UTC

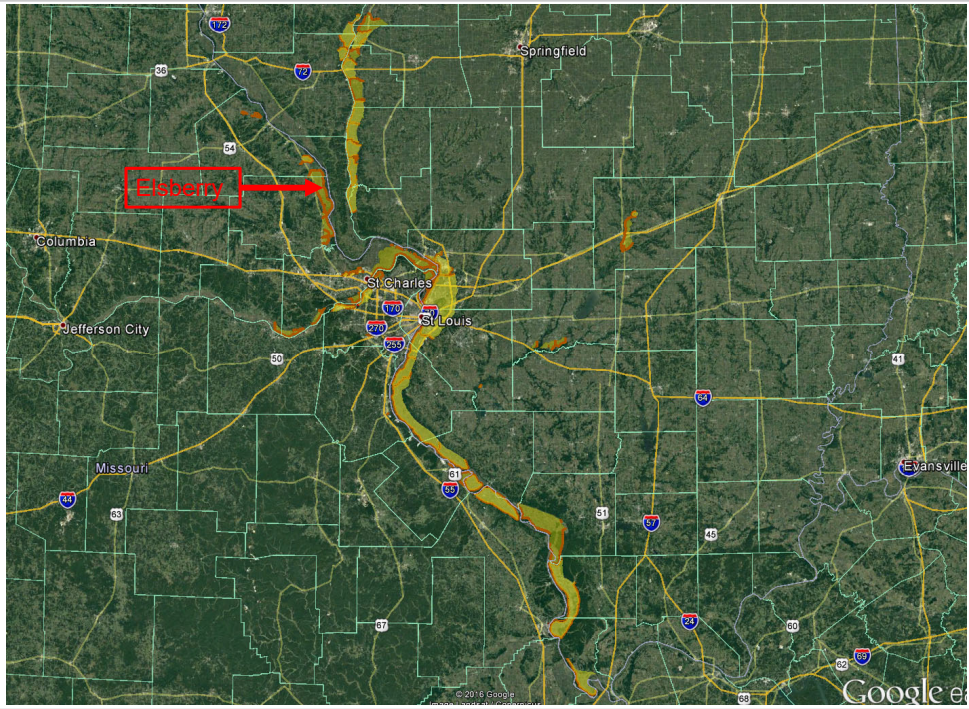


# ST. LOUIS GAGE









11



# ELSBERRY OVERTOPPING



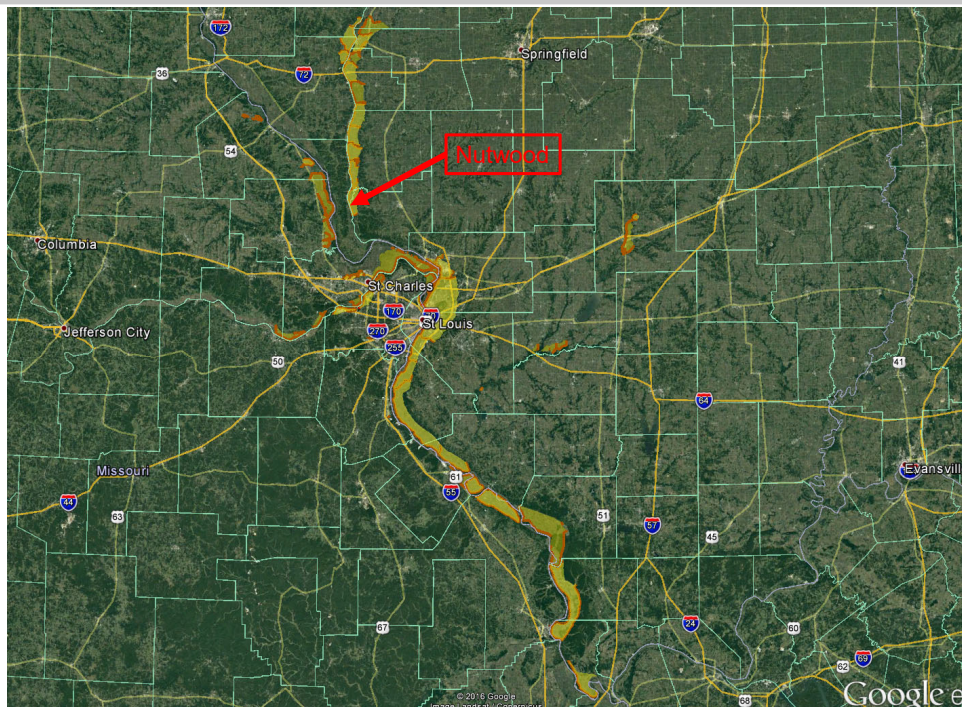
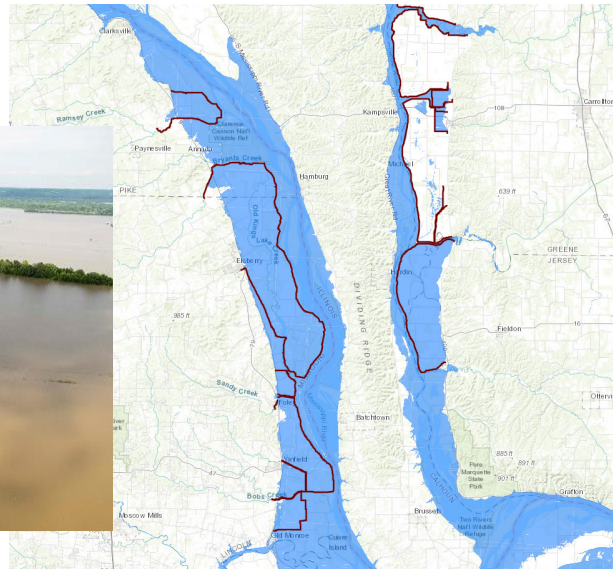
12





# ELSBERRY OVERTOPPING

13



14







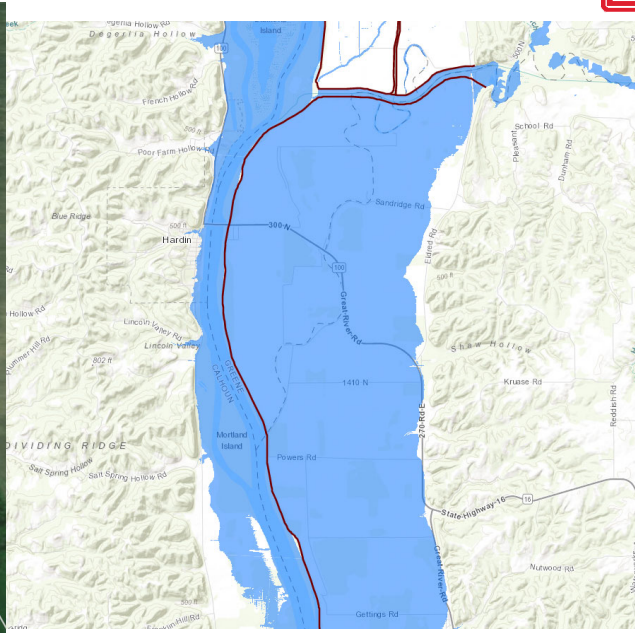
# NUTWOOD OVERTOPPING / BREACH



# NUTWOOD OVERTOPPING / BREACH



● Upper Mississippi River Hike  
— Nutwood Levee  
June 26, 2019 MB Survey  
Value  
429.359  
382.601





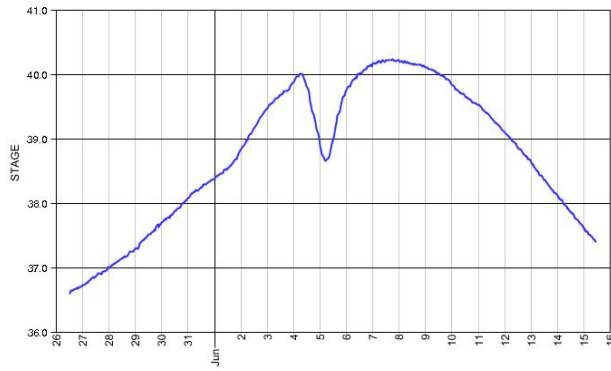


# NUTWOOD OVERTOPPING / BREACH

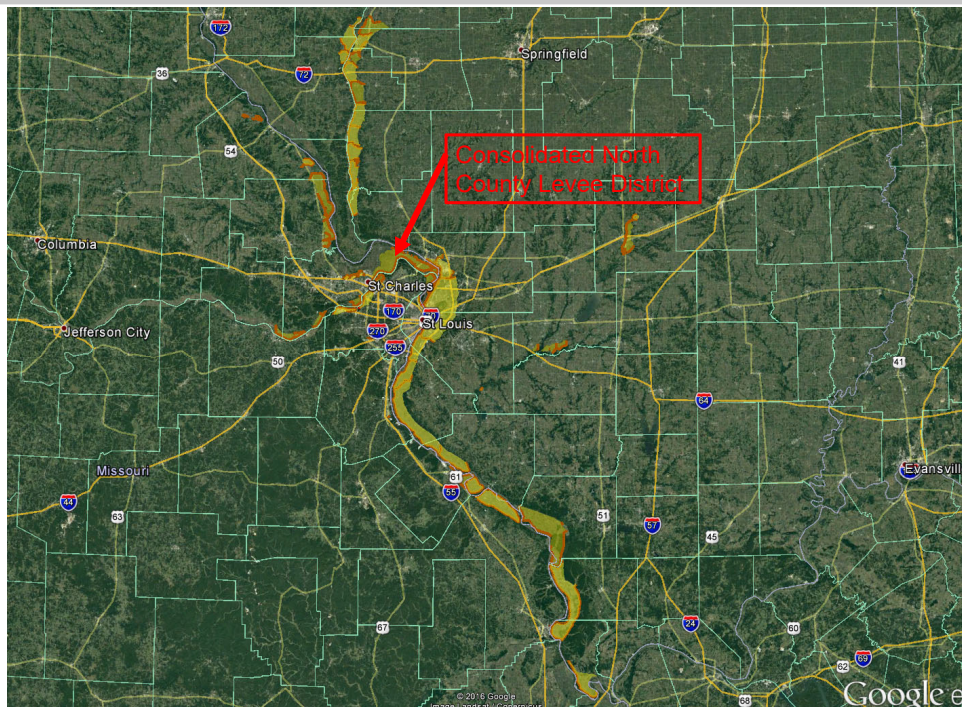
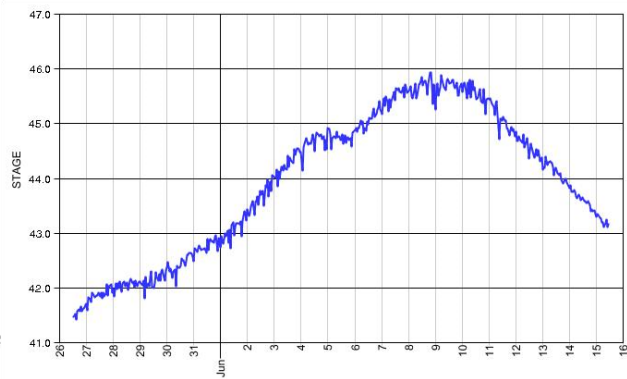
17



### Hardin Gage



### St. Louis Gage



18





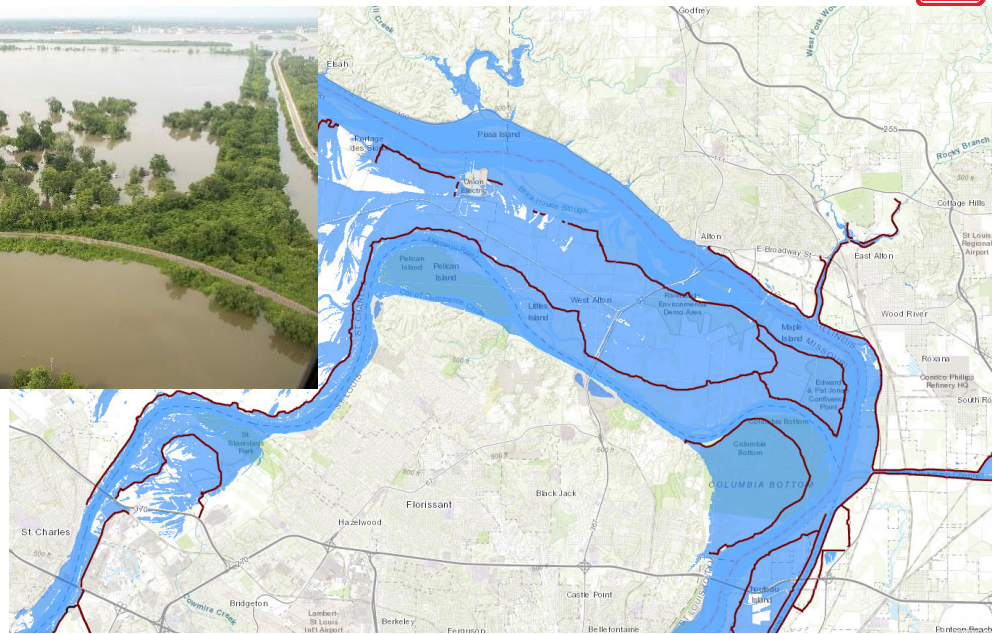
# CONSOLIDATED NORTH COUNTY OVERTOPPING

19



# CONSOLIDATED NORTH COUNTY OVERTOPPING

20







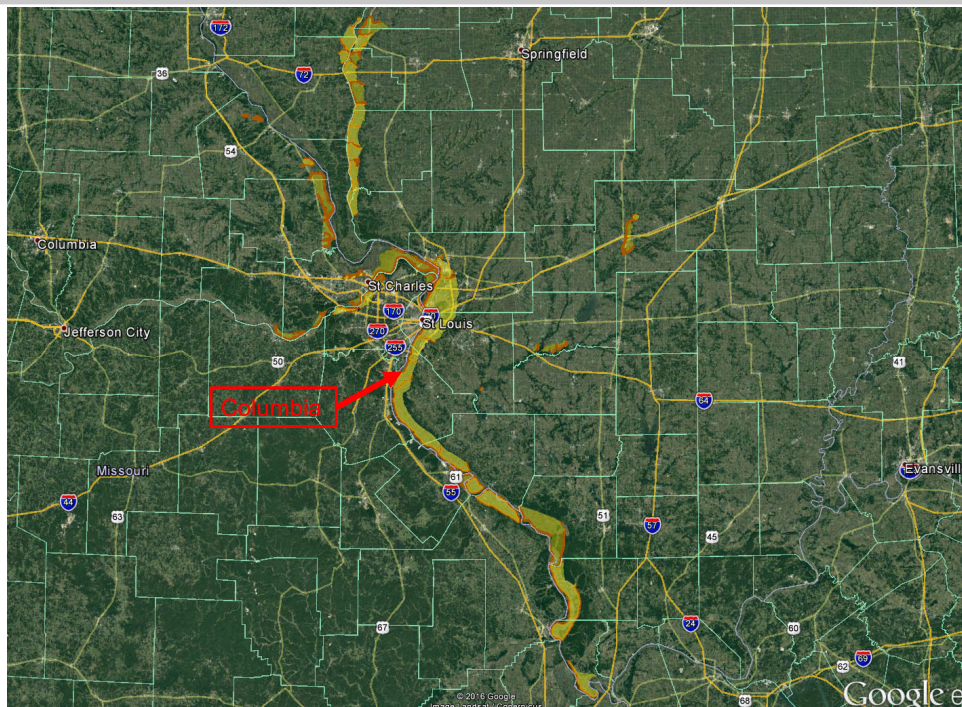
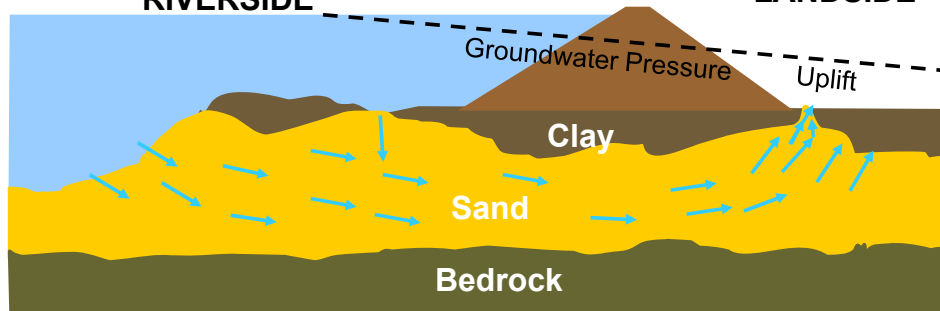
# LEVEE PERFORMANCE - UNDERSEEPAGE

21



RIVERSIDE

LANDSIDE



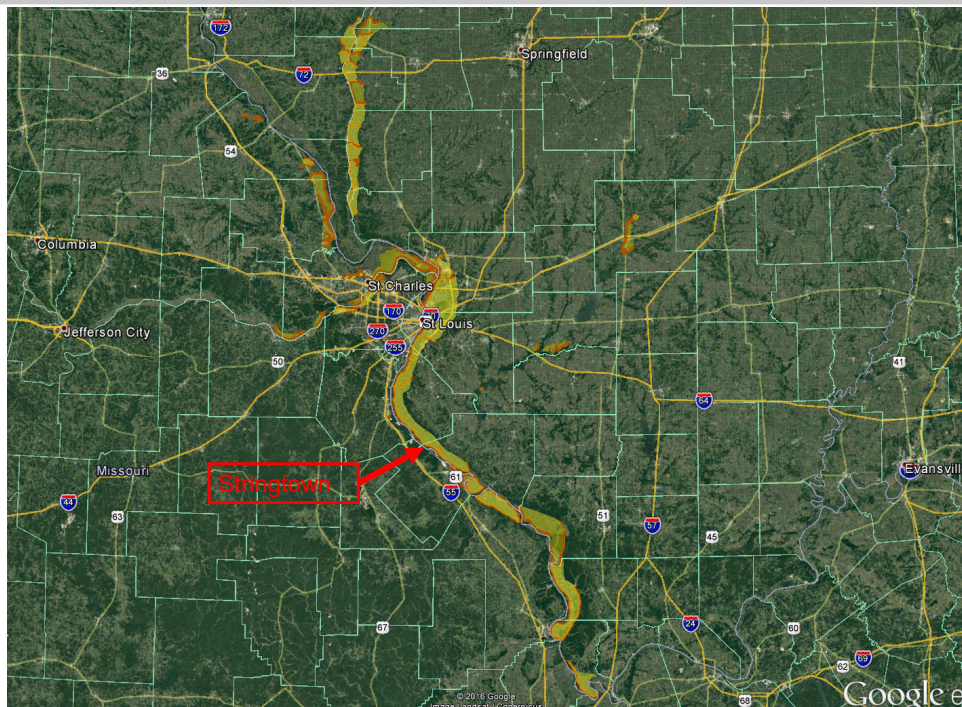
22







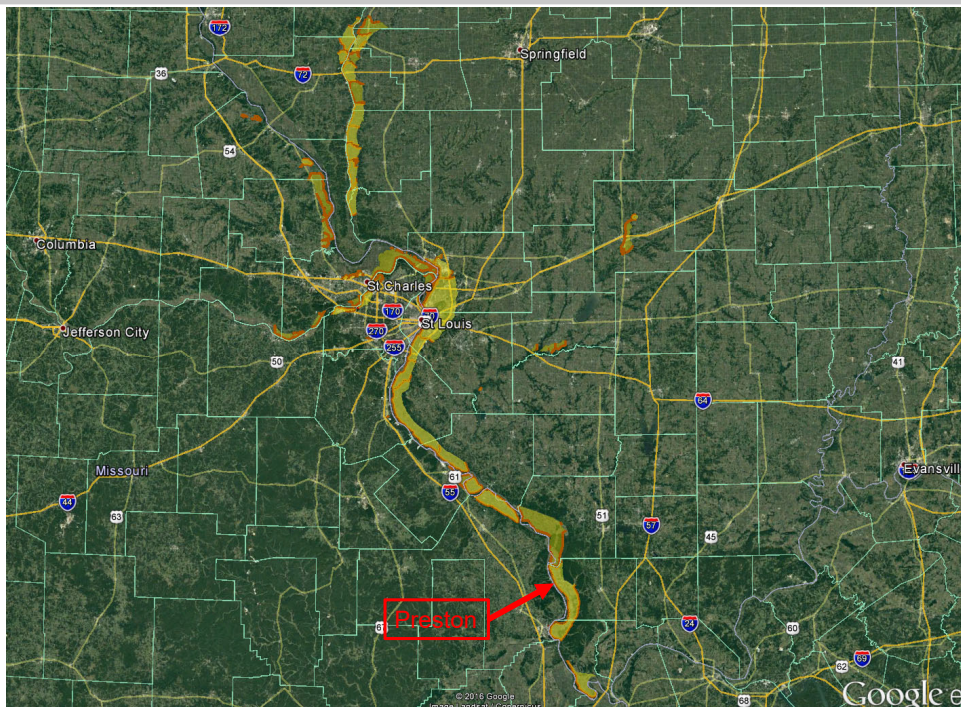
# COLUMBIA SANDBOILS







# STRINGTOWN SANDBOIL







# PRESTON SANDBOILS

27



# PRESTON SANDBOILS

28





## PRESTON SANDBOILS

29

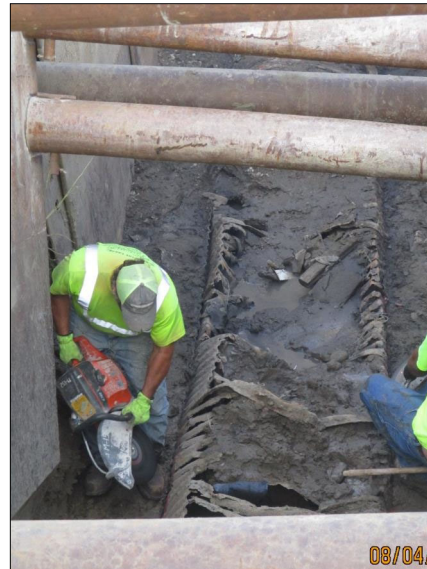


## LEVEE PERFORMANCE – “AGING INFRASTRUCTURE”

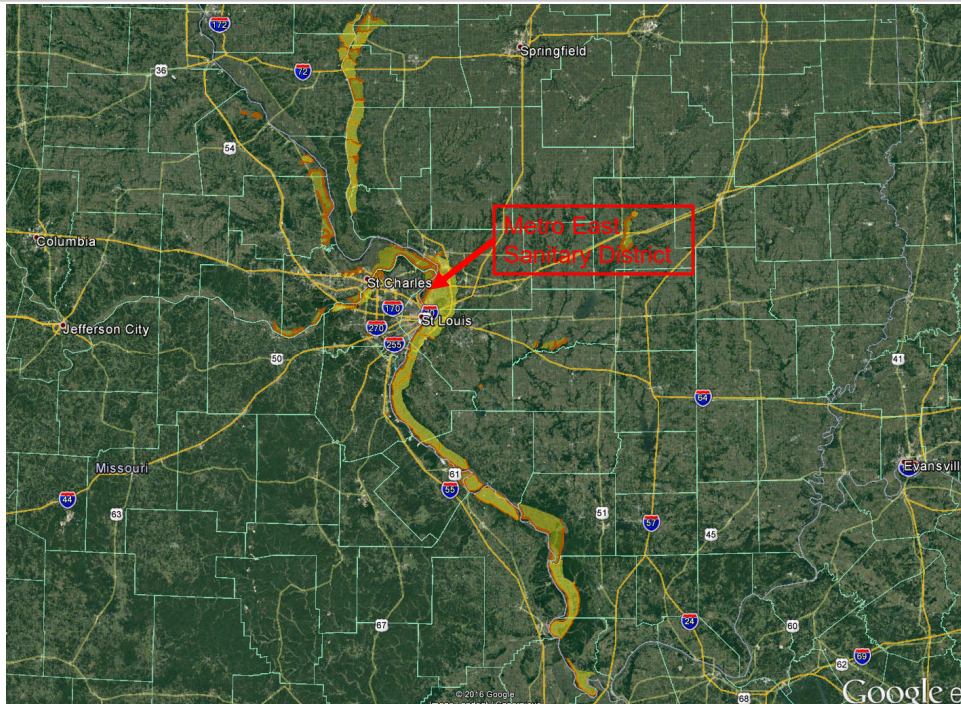
30



- Many systems in the region constructed 60+ years ago
- Many components past design life
  - Culverts
  - Sluice Gates
  - Pump Stations / Discharge Pipes
  - Closure Structures







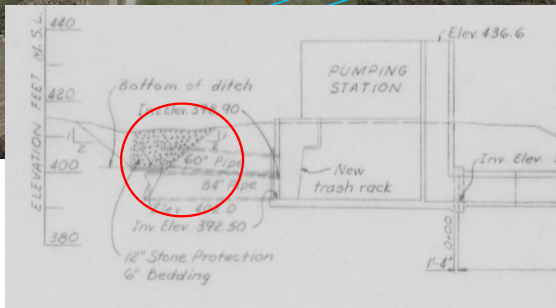
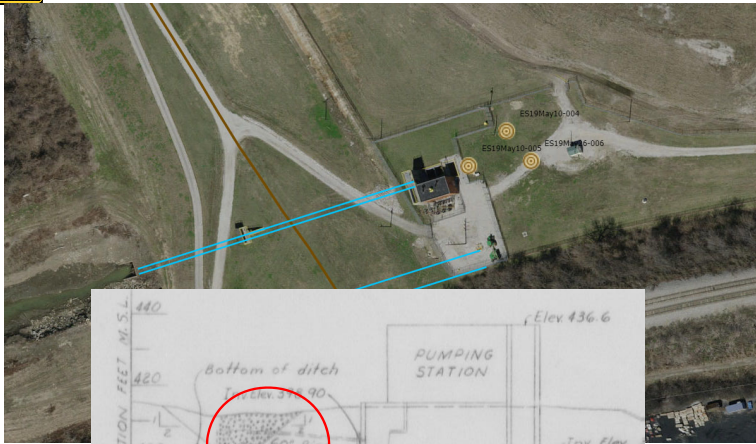
31



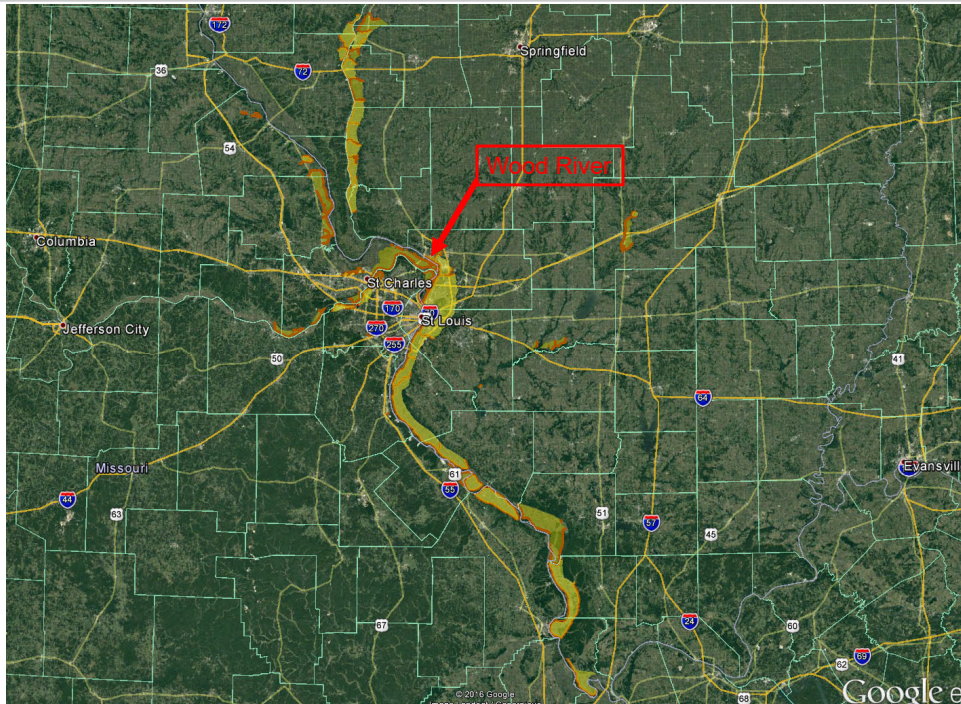
# MESD – MADISON PUMP STATION



32







33

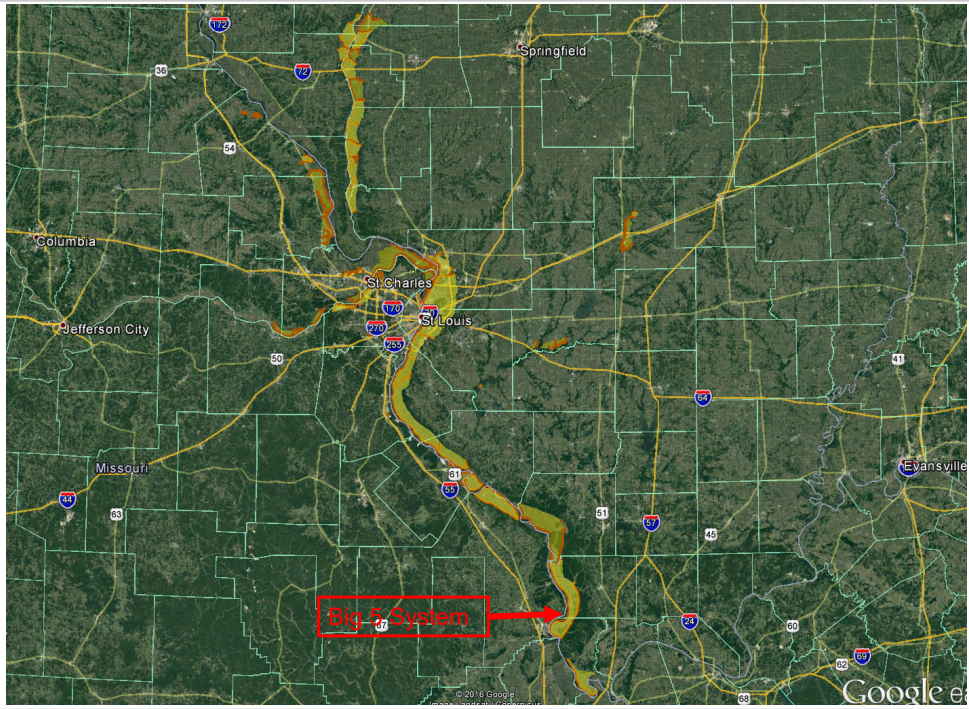


## WOOD RIVER – EAST ALTON PUMP STATION

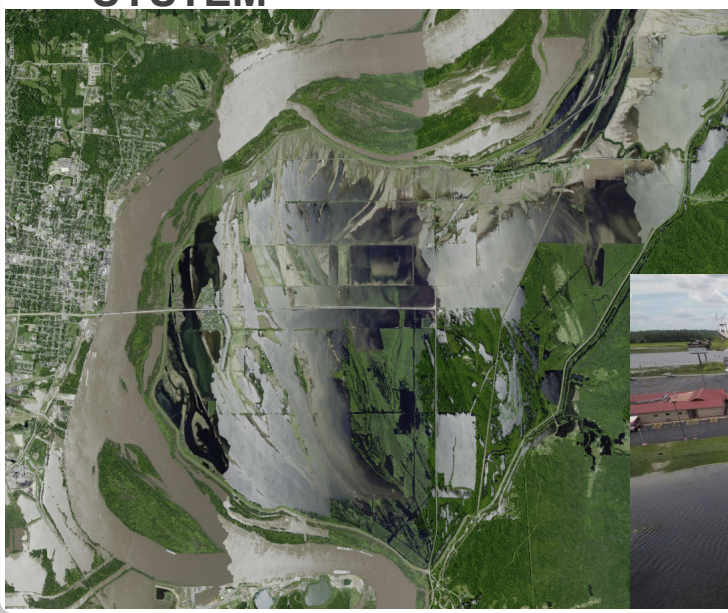
34







# INTERIOR DRAINAGE – BIG 5 SYSTEM



Drone photos by Southeast Missourian



## RECOVERY – PUBLIC LAW 84-99

37



- 2015, 2016, and 2017 floods resulted in 34 rehabilitation projects
  - Total costs over \$54 Million
  - 6 projects were still in construction prior to 2019 Flood Event
- New Damages
  - 30-40 new projects anticipated
  - Requests for Assistance
    - Official deadline for application 25 Aug
    - 26 requests for assistance as of 19 August
    - Bulk PIR funds request
    - Initial repair at Nutwood



## 1993 VS 2019

38



	1993 (inflation adjusted)	2019
Crest – St. Louis Gage	49.58'	46.02'
Days of EOC activation	58	136
MVS Personnel Engaged	397	85
FCCE 200 series funding	\$16M (\$28M)	\$5M
Sandbags	13,751,000	319,200
Rolls Poly Sheeting	9,044	289
Pumps	112	14
Breaches	126	14*
Protected Acres Inundated	1,407,574	100,953
Estimated Levee Repair Cost	\$83M (\$147M)	TBD

\* Preliminary number of breaches, evaluation ongoing



# QUESTIONS







Memo to: Board of Directors  
From: Chuck Etwert  
Subject: Program Status Report for September 2019  
Date: September 17, 2019

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

On August 30, 2019 inform the Council that all data required for levee accreditation under 44 CFR 65.10 has been received and accepted. FEMA will be notifying levee stakeholders by letter within 30 days to confirm that the levee system can be accredited.

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

Wood completed and submitted to the Illinois State Water Survey (ISWS) the additional hydrology and hydraulic (H&H) data for the Cahokia Creek, Indian Creek, West Fork Wood River, East Fork Wood River and Wood River on July 31, 2019.

Wood will begin some targeted geotechnical re-analysis of certain reaches in Lower Wood River due to the revised modeling indicating higher water elevations. The geotechnical re-analysis and the ISWS review will happen concurrent.

FEMA's issuance of continued accreditation letters for the Wood River East & West Forks, and Lower Wood River Systems will be dependent on the review of the resubmittals by ISWS and the Illinois Department of Natural Resources.

The Corps of Engineers continues to wait for FEMA to their Upper Wood River resubmittal.

### **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. A bid opening and award is anticipated before the end of the year.

Execution of the amended Project Partnership Agreement for the Wood River Levee System allowing for the utilization of Work In-Kind credit was executed on July 26, 2019. \$16,041,496 of Work In-Kind credit has been earned to date.

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 \$9.7 million dollars, and develop the Council's Bid Package #18. Design completion was delayed due to seismic design guidelines. Lengthy reviews may delay the scheduled September advertisement and November 2019 contract award.

Wood is completing the design of Bid Package #14A, which involves the construction of a riverside shallow cutoff trench, two riverside clay blankets, and filling of a landside ditch. The current estimated cost is \$1.3 million dollars. Lengthy reviews may also delay the scheduled September advertisement and November 2019 contract award.

Wood is also continuing the design of Bid Package #11, additional pump station alterations have been added to the project scope. Design is anticipated to be completed early next year, with Board approval in March 2020. The preliminary estimated construction cost is \$9,500,000 dollars.

As a result of recent flood event flows, it now appears that future Bid Package #12, which is needed for Work In-Kind credit, will involve modifications to MESD pump stations at sites 9 and 10.

The Corps' East St. Louis Deep Cutoff Wall Project is now out on the street for bid. With all relocation agreements completed and all required easements obtained, a bid opening is currently scheduled for September 23, 2019.

### Prairie Du Pont/Fish Lake Levee Systems

The design progress for Bid Packages #15, #16, and #17 continues to wait for the Corps' risk assessment.

The first Potential Failure Mode Analysis (PFMA) and the Semi-Quantitative Risk Assessment (SQRA) have been held. 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 anticipated to be completed by summer 2020.

The Levee Community Preparedness Presentations with the Levee Issues Alliance and the Corps of Engineers continue to go well with recent presentations to the Columbia Chamber of Commerce and the East Alton Rotary.







Memo to: Board of Directors  
From: Chuck Ewert  
Subject: Budget and Disbursement Reports for August 2019  
Date: September 16, 2019

Current Budget Highlights

Attached is the financial statement for August 2019 prepared by our fiscal agent, CliftonLarsonAllen. The reports include an accounting of revenues and expenditures for the month ending August 31, 2019, as compared to our fiscal year budget.

Accrued expenditures for the current fiscal year beginning on October 1, 2018 thru August 31, 2019 are \$17,552,686 while revenues amounted to \$12,208,588 resulting in a deficit of \$5,344,098. A total of \$33,364,420 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 \$1,070,741 for June 2019 were down 1.52% from last year. Receipts for the year are still down 2.14% from last year, our highest year, due to the February refund in Madison County.

Monthly Disbursements

Attached are the lists of bank transactions for August 2019. Total disbursements for August were \$849,552.05. Largest payments were to the Corps of Engineers and Wood.

Recommendation: Accept the budget report and disbursements for August 2019.





**SOUTHWESTERN ILLINOIS FLOOD PREVENTION  
DISTRICT COUNCIL**

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

**ELEVEN MONTHS ENDED AUGUST 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 eleven months ended August 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  
September 6, 2019

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL  
GENERAL FUND  
STATEMENT OF REVENUES AND EXPENDITURES - BUDGET AND ACTUAL  
ELEVEN MONTHS ENDED AUGUST 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	\$ 11,149,194	\$ 1,325,806
Interest Income	280,000	280,000	1,059,394	(779,394)
Other Contributions	-	-	-	-
Total Revenues	<u>12,755,000</u>	<u>12,755,000</u>	<u>12,208,588</u>	<u>546,412</u>
<b>EXPENDITURES</b>				
Current				
Design and Construction				
Engineering Design & Construction Management	7,869,377	7,869,377	2,755,189	5,114,188
Construction	20,527,970	20,527,970	86,614	20,441,356
Construction and design by US ACE	3,500,000	3,500,000	2,100,000	1,400,000
Total Design and Construction	<u>31,897,347</u>	<u>31,897,347</u>	<u>4,941,803</u>	<u>26,955,544</u>
Professional Services				
Legal & Legislative Consulting	322,500	322,500	53,409	269,091
Financial Advisor	65,000	65,000	21,848	43,152
Bond Underwriter/Conduit Issuer	12,000	12,000	9,959	2,041
Total Professional Services	<u>399,500</u>	<u>399,500</u>	<u>85,216</u>	<u>314,284</u>
Refund of Surplus Funds to County FPD Accounts				
Madison County	1,243,675	1,243,675	907,890	335,785
Monroe County	118,750	118,750	87,137	31,613
St. Clair County	1,137,575	1,137,575	841,234	296,341
Total Refund of Surplus Funds to County	<u>2,500,000</u>	<u>2,500,000</u>	<u>1,836,261</u>	<u>663,739</u>
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	<u>10,026,500</u>	<u>10,026,500</u>	<u>10,449,714</u>	<u>(423,214)</u>
Total Operating Expenses	<u>44,823,347</u>	<u>44,823,347</u>	<u>17,312,994</u>	<u>27,510,353</u>
General and Administrative Costs				
Salaries, Benefits	213,000	213,000	187,877	25,123
Bank Service Charges	1,200	1,200	730	470
Equipment and Software	2,000	2,000	1,022	978
Fiscal Agency Services	32,000	32,000	28,710	3,290
Audit Services	16,500	16,500	16,500	-
Meeting Expenses	1,000	1,000	-	1,000
Postage/Delivery	1,000	1,000	486	514
Printing/Photocopies	2,500	2,500	1,226	1,274
Professional Services	10,000	10,000	-	10,000
Supplies	3,000	3,000	143	2,857
Telecommunications/Internet	3,000	3,000	2,111	889
Travel	5,000	5,000	403	4,597
Insurance	1,000	1,000	484	516
Total General & Administrative Costs	<u>291,200</u>	<u>291,200</u>	<u>239,692</u>	<u>51,508</u>
Total Expenditures	<u>45,114,547</u>	<u>45,114,547</u>	<u>17,552,686</u>	<u>27,561,861</u>
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	(32,359,547)	(32,359,547)	(5,344,098)	27,015,449
OTHER FINANCING SOURCES				
Proceeds From Borrowing	-	-	-	-
NET CHANGE IN FUND BALANCE	<u>\$ (32,359,547)</u>	<u>\$ (32,359,547)</u>	<u>\$ (5,344,098)</u>	<u>\$ 27,015,449</u>

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL  
GENERAL FUND  
STATEMENT OF REVENUES AND EXPENDITURES - BUDGET AND ACTUAL  
ELEVEN MONTHS ENDED AUGUST 31, 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	\$ 11,155,867	\$ 679,133
Interest Income	225,000	225,000	588,615	(363,615)
Other Contributions	-	-	-	-
Total Revenues	<u>12,060,000</u>	<u>12,060,000</u>	<u>11,744,482</u>	<u>315,518</u>
<b>EXPENDITURES</b>				
Current				
Design and Construction				
Engineering Design & Construction Management	5,688,038	5,688,038	2,467,998	3,220,040
Construction	7,330,945	7,330,945	2,717,462	4,613,483
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>5,392,460</u>	<u>13,783,814</u>
Professional Services				
Legal & Legislative Consulting	486,000	486,000	135,982	350,018
Diversity Program Manager	11,525	11,525	6,600	4,925
Financial Advisor	65,000	65,000	14,310	50,690
Bond Underwriter/Conduit Issuer	16,000	16,000	9,521	6,479
Total Professional Services	<u>578,525</u>	<u>578,525</u>	<u>166,413</u>	<u>412,112</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>17,602,163</u>	<u>15,103,916</u>
General and Administrative Costs				
Salaries, Benefits	203,000	203,000	173,482	29,518
Bank Service Charges	1,500	1,500	765	735
Conference Registration	350	350	307	43
Equipment and Software	2,000	2,000	3,141	(1,141)
Fiscal Agency Services	31,000	31,000	27,940	3,060
Audit Services	16,000	16,000	16,000	-
Meeting Expenses	1,000	1,000	-	1,000
Postage/Delivery	1,000	1,000	709	291
Printing/Photocopies	3,500	3,500	1,713	1,787
Professional Services	10,000	10,000	-	10,000
Publications/Subscriptions	250	250	-	250
Supplies	3,300	3,300	423	2,877
Telecommunications/Internet	3,000	3,000	2,602	398
Travel	5,000	5,000	407	4,593
Insurance	1,000	1,000	484	516
Total General & Administrative Costs	<u>281,900</u>	<u>281,900</u>	<u>227,973</u>	<u>53,927</u>
Total Expenditures	<u>32,987,979</u>	<u>32,987,979</u>	<u>17,830,136</u>	<u>15,157,843</u>
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	(20,927,979)	(20,927,979)	(6,085,654)	14,842,325
OTHER FINANCING SOURCES				
Proceeds From Borrowing	-	-	-	-
NET CHANGE IN FUND BALANCE	<u>\$ (20,927,979)</u>	<u>\$ (20,927,979)</u>	<u>\$ (6,085,654)</u>	<u>\$ 14,842,325</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

## 2016

	Jan	Feb	March	April	May	June	July	August	Sept	October	November	December	Total
Madison	\$395,852	\$411,203	\$475,278	\$456,249	\$478,524	\$494,024	\$452,132	\$458,210	\$470,096	\$475,402	\$484,213	\$567,037	\$5,618,218
St. Clair	\$372,259	\$406,919	\$474,256	\$423,758	\$448,782	\$480,827	\$436,971	\$434,488	\$445,274	\$426,875	\$453,732	\$581,743	\$5,385,884
Monroe	\$40,343	\$38,630	\$45,925	\$48,147	\$46,862	\$46,530	\$44,151	\$43,946	\$44,775	\$47,195	\$43,931	\$56,287	\$546,721
Total Month	\$808,455	\$856,751	\$995,459	\$928,154	\$974,167	\$1,021,380	\$933,254	\$936,644	\$960,144	\$949,471	\$981,877	\$1,205,068	\$11,550,824
Cumulative Total	\$808,455	\$1,665,206	\$2,660,665	\$3,588,818	\$4,562,986	\$5,584,366	\$6,517,619	\$7,454,264	\$8,414,408	\$9,363,879	\$10,345,756	\$11,550,824	
% change/month	-1.67%	5.29%	4.29%	-0.96%	-1.36%	0.32%	0.00%	-2.00%	0.47%	-0.35%	3.55%	0.45%	
% change/total	-1.67%	1.79%	2.71%	1.74%	1.06%	0.92%	0.79%	0.43%	0.43%	0.35%	0.65%	0.63%	0.63%

## 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

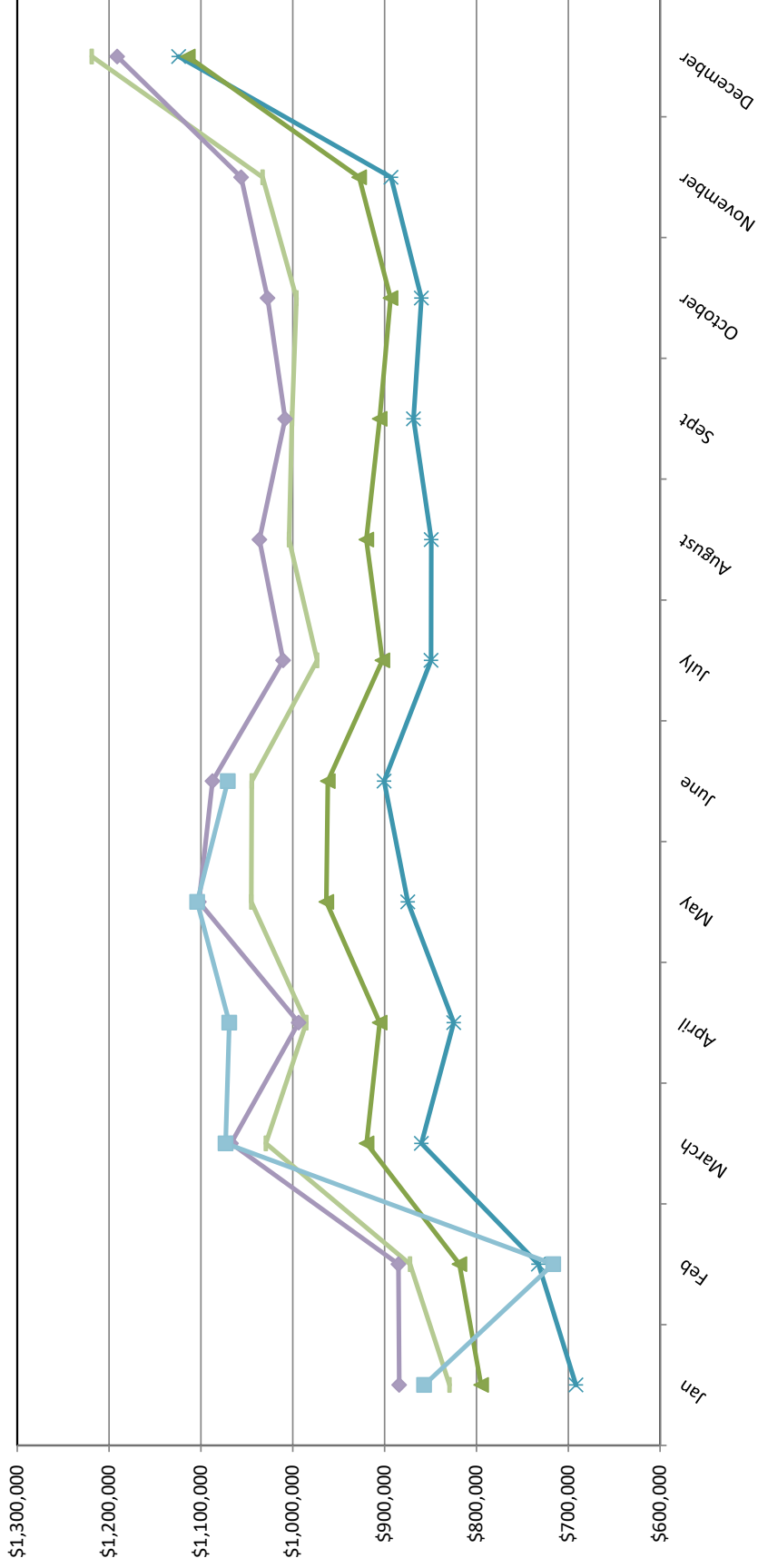
	Jan	Feb	March	April	May	June	July	August	Sept	October	November	December	Total
Madison	\$443,850	\$446,844	\$534,938	\$504,589	\$559,962	\$545,446	\$513,918	\$523,807	\$504,297	\$520,584	\$529,285	\$582,616	\$6,210,136
St. Clair	\$396,750	\$397,343	\$483,255	\$441,038	\$487,559	\$491,515	\$446,749	\$464,302	\$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							\$2,950,198
St. Clair	\$372,163	\$384,592	\$481,112	\$452,586	\$483,774	\$478,864							\$2,653,090
Monroe	\$43,983	\$39,680	\$50,326	\$51,795	\$53,953	\$47,416							\$287,153
Total Month	\$856,912	\$716,345	\$1,073,214	\$1,069,141	\$1,104,088	\$1,070,741							\$5,890,441
Cumulative Total	\$856,912	\$1,573,257	\$2,646,470	\$3,715,611	\$4,819,699	\$5,890,441							
% change/month	-3.07%	-19.06%	0.57%	7.61%	0.18%	-1.52%							
% change/total	-3.07%	-11.07%	-6.69%	-2.98%	-2.27%	-2.14%							

# 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  
August 31, 2019**

Beginning Bank Balance as of August 1, 2019		<b>\$ 1,117,870.49</b>
Receipts		
UMB Bank	08/19/2019 Admin Transfer	22,161.06
UMB Bank	08/19/2019 Construction Transfer	846,208.98
The Bank of Edwardsville	08/31/2019 Interest	2,378.27
		<b>\$ 870,748.31</b>
Disbursements		
Wood Environmental	08/06/2019 Construction	5,232.00
Craney Law Group, LLC	08/13/2019 Legal	651.00
FAO, USAED, St. Louis	08/06/2019 Construction	550,000.00
Husch Blackwell	08/19/2019 Legal	13,866.50
Wood Environmental	08/14/2019 Construction	275,334.48
AT&T	08/13/2019 Internet	102.53
Sprague & Urban Attorney's at Law	08/06/2019 Legal	225.00
CliftonLarsonAllen LLP	08/19/2019 Accounting	1,205.00
The Bank of Edwardsville	08/19/2019 Wire Fee	15.00
The Bank of Edwardsville	08/19/2019 Wire Fee	15.00
CopyLess Copy Center	08/20/2019 Copies	256.80
Charles Etwert	08/22/2019 Cell, Mileage, Prof Dev	475.00
Columbia Capital	08/27/2019 Financial Advisor	900.00
CliftonLarsonAllen LLP	08/28/2019 Accounting	1,241.82
The Bank of Edwardsville	08/31/2019 Bank Fees	31.92
		<b>\$ 849,552.05</b>
		<b>\$ 1,139,066.75</b>



Memo to: Board of Directors

From: Chuck Etwert

Subject: Resolution declaring the intention of the Southwestern Illinois Flood Prevention District council, Madison, St. Clair and Monroe Counties, Illinois, to issue not to exceed \$105,000,000 Flood Prevention District Sales Tax Revenue Bonds

Date: September 16, 2019

As a follow-up to their financial update presented in January, Columbia Capital will be requesting the adoption of a resolution declaring the intention of the Council to issue not to exceed \$105,000,000 Flood Prevention District Council Sales Tax Revenue Bonds. This would be for the refunding of \$70,000,000 of the 2010 revenue bonds and for the issuance of \$30,000,000 of new revenue bonds needed to complete the Authorized Level Projects. The refunding bonds have the potential to generate a net present value saving (NPV) of several million dollars. This resolution allows Columbia Capital to get started on the process, with an approval of the undertaking of an actual transaction in November.

Columbia Capital mentioned possible refunding in their presentation in January and given current markets, there's definitely good reason to start the process soon, which will also require approvals from each of the County FPDs and each County.

As indicated in the draft budget documents discussed at the July meeting, based on current estimates, an additional \$25,117,634 is needed to complete the Authorized Level. The current bond market and higher sales tax revenues will allow us to obtain the additional funds estimated to be needed.

Jeff White and Khalen Dwyer will discuss the timing, potential savings, and the whole process at the meeting. A copy of the proposed intent resolution and a memorandum with potential savings prepared by Columbia Capital is attached.

**Recommendation:** Approve the attached “*Resolution declaring the intention of the Southwestern Illinois Flood Prevention District Council, Madison, St. Clair and Monroe Counties, Illinois*” to issue not to exceed \$105,000,000 Flood Prevention District Council Sales Tax Revenue Bonds for the purposes of refunding certain outstanding bonds of the Council and providing emergency levee repair and flood protection, providing certain details of said issuance, determining the method of sale of said bonds and engaging certain deal participants in connection therewith.

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RESOLUTION declaring the intention of the Southwestern Illinois Flood Prevention District Council, Madison, St. Clair and Monroe Counties, Illinois, to issue not to exceed \$105,000,000 Flood Prevention District Council Sales Tax Revenue Bonds for the purposes of refunding certain outstanding bonds of the Council and providing emergency levee repair and flood protection, providing certain details of said issuance, determining the method of sale of said bonds and engaging certain deal participants in connection therewith.

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Adopted by the Board of Directors of the Southwestern Illinois Flood Prevention District Council, Madison, St. Clair and Monroe Counties, Illinois, on the 18th day of September, 2019

RESOLUTION declaring the intention of the Southwestern Illinois Flood Prevention District Council, Madison, St. Clair and Monroe Counties, Illinois, to issue not to exceed \$105,000,000 Flood Prevention District Council Sales Tax Revenue Bonds for the purposes of refunding certain outstanding bonds of the Council and providing emergency levee repair and flood protection, providing certain details of said issuance, determining the method of sale of said bonds and engaging certain deal participants in connection therewith.

\* \* \*

WHEREAS, The Counties of Madison, St. Clair and Monroe, Illinois (each a “*County*” and together the “*Counties*”), are duly organized and existing units of local government created under the provisions of the laws of the State of Illinois, and are now operating under the provisions of the Counties Code of the State of Illinois, and all laws amendatory thereof and supplementary thereto; and

WHEREAS, the County Board of each County (each, a “*County Board*”), pursuant to the Flood Prevention District Act of the State of Illinois, as amended (the “*Act*”), has heretofore declared an emergency and created, respectively, the Madison County Flood Prevention District, Madison County, Illinois, the St. Clair County Flood Prevention District, St. Clair County, Illinois, and the Monroe County Flood Prevention District, Monroe County, Illinois (each, a “*District*” and collectively the “*Districts*”), for the purpose of providing emergency levee repair and flood prevention in order to prevent the loss of life or property; and

WHEREAS, the Districts are duly organized and existing units of local government created under the provisions of the laws of the State of Illinois, and are now operating under the provisions of the Act, and all laws amendatory thereof and supplementary thereto; and

WHEREAS, the Board of Commissioners of each District (each, a “*Board of Commissioners*”) has been duly appointed by the Chairman of each County Board; and



WHEREAS, each Board of Commissioners has determined that an emergency situation exists regarding levee repair or flood prevention within each District and each County; and

WHEREAS, each County Board has confirmed the determination of the respective Board of Commissioners that an emergency situation exists; and

WHEREAS, each County Board has imposed a flood prevention retailers' occupation tax and a flood prevention service occupation tax pursuant to the Act (the "*Flood Prevention District Sales Taxes*"); and

WHEREAS, each Board of Commissioners has determined that it is advisable, necessary and in the best interests of each County and each District to provide emergency levee repair and flood protection, within or outside of each District's corporate limits (the "*Project*") as permitted by the Act; and

WHEREAS, the estimated remaining cost of the Project, including engineering, legal, financial, bond discount, printing and publication costs, capitalized interest, bond reserve and other expenses, is estimated to be not less than \$30,000,000, and there are insufficient funds on hand and lawfully available to pay such costs; and

WHEREAS, subject to and in accordance with the provisions of the Act, each District is authorized to issue revenue bonds (the "*Bonds*") for the purpose of providing funds to pay the cost of the Project, the Bonds being payable from revenues received from the Flood Prevention District Sales Taxes and from any other revenue sources available to each District; and

WHEREAS, pursuant to the authority granted by Article VII, Section 10(a) of the Constitution of the State of Illinois and the Illinois Intergovernmental Cooperation Act, the Districts have entered into an Intergovernmental Cooperation Agreement (the "*District/Council Intergovernmental Agreement*") to finance, design, manage and oversee the Project; and

WHEREAS, the Act provides that the Districts may join together through intergovernmental cooperation agreement to provide any services described in the Act, to construct, reconstruct, repair or otherwise provide any facilities described in the Act either with or outside of each District's corporate limits, to issue bonds, notes or other evidences of indebtedness, to pledge the sales taxes imposed pursuant to the Act to the obligations of any other District, and to exercise any other power authorized by the Act; and

WHEREAS, pursuant to the District/Council Intergovernmental Agreement there has been created the Southwestern Illinois Flood Prevention District Council, Madison, St. Clair and Monroe Counties, Illinois (the "*Council*"), to coordinate the financing, management and oversight of the Project; and

WHEREAS, it is necessary and for the best interests of the Counties and the Districts that the Project be completed and in order to raise the funds required for such purpose it will be necessary for the Council to borrow at this time an amount not to exceed \$30,000,000; and

WHEREAS, the Council currently has outstanding its Flood Prevention District Council Sales Tax Revenue Bonds, Series 2010A, Taxable Flood Prevention District Council Sales Tax Revenue Bonds (Build America Bonds – Direct Pay), Series 2010B, and Taxable Flood Prevention District Council Sales Tax Revenue Bonds (Recovery Zone Economic Development Bonds), Series 2010C (collectively, the "*Prior Bonds*"); and

WHEREAS, it is necessary and desirable to refund all or a portion of the Prior Bonds (said portion of the Prior Bonds to be refunded being referred to herein as the "*Refunded Bonds*") (the "*Refunding*"); and

WHEREAS, the Refunded Bonds are presently outstanding and unpaid and are binding and subsisting legal obligations of the Council; and

WHEREAS, sufficient funds of the Council are not available for the Refunding, and it will therefore be necessary to borrow money in an amount not to exceed \$75,000,000, for the purpose of paying such costs; and

WHEREAS, it is in the best interest of the Districts that the Council issue the Bonds on behalf of the Districts at this time for the Project in an aggregate principal amount of not to exceed \$30,000,000 and for the Refunding in an aggregate principal amount not to exceed \$75,000,000, together in one issue of bonds in an aggregate principal amount not to exceed \$105,000,000; and

WHEREAS, in connection with the issuance of the Bonds, the Council intends to determine certain parameters for the issuance of the Bonds and authorize the engagement of certain participants to assist with the issuance of the Bonds:

NOW, THEREFORE, Be It and it is here by Resolved by the Board of Directors of the Southwestern Illinois Flood Prevention District Council, Madison, St. Clair and Monroe Counties, Illinois, as follows:

*Section 1. Incorporation of Preambles.* The Board of Directors hereby finds that all of the recitals contained in the preambles to this Resolution are full, true and correct and does incorporate them into this Resolution by this reference.

*Section 2. Intent to Issue Bonds and Parameters of Issuance.* The Council hereby declares its intention to issue the Bonds in an aggregate principal amount not to exceed \$105,000,000, the portion thereof being issued for the purpose of completing the Project to be issued in an aggregate principal amount not to exceed \$30,000,000 and the portion thereof being issued for the Refunding (the “*Refunding Bonds*”) to be issued in an aggregate principal amount not to exceed \$75,000,000. The Bonds may be issued as current interest bonds, capital appreciation bonds or some combination thereof. The final maturity of the Bonds may be not

later than 25 years from the date of issuance of the Bonds, and the true interest cost of the Bonds may not exceed 5.00%

The net present value debt service savings as a result of the issuance of the Refunding Bonds and the refunding of the Refunded Bonds may not be less than 3.00% of the principal amount of the Refunded Bonds. .

*Section 3. Selection of Deal Participants.* The Bonds shall be sold to the Southwestern Illinois Development Authority, as a conduit issuer in connection therewith, in the same manner as the previous bond issues of the Council. In connection with the issuance of the Bonds, the Council does hereby retain Chapman and Cutler LLP, Chicago, Illinois, as Bond Counsel and Thompson Coburn LLP, St. Louis, Missouri, as Disclosure Counsel. The underwriter of the Bonds shall be chosen through a competitive selection process, and the Council shall be assisted with such selection by its financial advisor, Columbia Capital Management, LLC. The preparation and execution by the Council of a Preliminary Official Statement and any final Official Statement relating to the Bonds (the “*Official Statement*”) is hereby approved and authorized, and the officers of the Council are hereby authorized to take any action as may be required on the part of the Council by this Resolution said Preliminary Official Statement, the Official Statement and the Bonds.

*Section 4. Repealer.* All ordinances, resolutions or orders, or parts thereof, in conflict with the provisions of this Resolution are to the extent of such conflict hereby repealed.

*Section 5. Effective Date.* This Resolution shall be in full force and effect forthwith upon its adoption, without publication or posting or any further act or requirement.

Adopted September 18, 2019

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President, Board of Directors

Attest:

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Secretary, Board of Directors

Director \_\_\_\_\_ moved and Director \_\_\_\_\_ seconded the motion that said resolution as presented and read by title by the Secretary be adopted.

After a full discussion thereof, the President directed that the roll be called for a vote upon the motion to adopt said ordinance as read.

Upon the roll being called, the following Directors voted AYE: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

and the following Directors voted NAY: \_\_\_\_\_  
\_\_\_\_\_

Whereupon the President declared the motion carried and said ordinance adopted, approved and signed the same in open meeting and directed the Secretary to record the same in the records of the Board of Directors of the Southwestern Illinois Flood Prevention District Council, Madison, St. Clair and Monroe Counties, Illinois.

Other business not pertinent to the adoption of said resolution was duly transacted at said meeting.

Upon motion duly made, seconded and carried, the meeting was adjourned.

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

STATE OF ILLINOIS        )  
  ) SS  
COUNTY OF ST. CLAIR    )

**CERTIFICATION OF RESOLUTION AND MINUTES**

I, the undersigned, do hereby certify that I am the duly qualified and acting Secretary of the Board of Directors (the “*Board of Directors*”) of the Southwestern Illinois Flood Prevention District Council, Madison, St. Clair and Monroe Counties, Illinois, and as such official am the keeper of the records and files of the Board of Directors.

I further certify that the foregoing is a full, true and complete transcript of that portion of the minutes of the meeting of the Board of Directors held on the 18th day of September, 2019, insofar as the same relates to the adoption of a resolution entitled:

RESOLUTION declaring the intention of the Southwestern Illinois Flood Prevention District Council, Madison, St. Clair and Monroe Counties, Illinois, to issue not to exceed \$105,000,000 Flood Prevention District Council Sales Tax Revenue Bonds for the purposes of refunding certain outstanding bonds of the Council and providing emergency levee repair and flood protection, providing certain details of said issuance, determining the method of sale of said bonds and engaging certain deal participants in connection therewith.

a true, correct and complete copy of which said resolution as adopted at said meeting appears in the foregoing transcript of the minutes of said meeting.

I do further certify that the deliberations of the Board of Directors on the adoption of said resolution were conducted openly, that the vote on the adoption of said resolution was taken openly, that said meeting was held at a specified time and place convenient to the public, that notice of said meeting was duly given to all of the news media requesting such notice, that an agenda for said meeting was posted at the location where said meeting was held and at the principal office of the Board of Directors at least 48 hours in advance of the holding of said meeting, that at least one copy of said agenda was continuously available for public review during the entire 96-hour period preceding said meeting, that a true, correct and complete copy of said agenda as so posted is attached hereto as *Exhibit A*, that said meeting was called and held in strict compliance with the provisions of the Open Meetings Act of the State of Illinois, as amended, and the Flood Prevention District Act of the State of Illinois, as amended, and that the Board of Directors has complied with all of the provisions of said Acts and with all of the procedural rules of the Board of Directors.

IN WITNESS WHEREOF, I hereunto affix my official signature, this 18th day of September,  
2019.

---

Secretary, Board of Directors





Jeff White  
Managing Member  
913.312.8077  
[jwhite@columbiacapital.com](mailto:jwhite@columbiacapital.com)

## MEMORANDUM

0 9 . 1 0 . 1 9

Chuck Ewert  
Southwestern Illinois FPD Council

The purpose of this memorandum is to provide a high-level schedule of actions to effect a refunding of all or a portion of the Council's 2010 Bonds for savings and the potential issuance of new money bonds in support of 500-year level improvements.

### BACKGROUND

As we approach the call date on the 2010 Bonds, we have the opportunity to take advantage of a very strong municipal bond market, near historically low interest rates and sales tax growth in Metro East in recent years to refinance outstanding bonds for interest rate savings and to provide for additional capital to fund the anticipated costs of 500-year level improvements.

### SEPTEMBER 2019 MEETING

At the September regular meeting of the Board, Khalen and I will provide an update to the financing analysis we discussed with the Board early in 2019, including a review of potential refunding savings and an updated assessment of the Council's new money borrowing capacity. We will provide an overview of the financing calendar and will seek Board authorization of a preliminary resolution to commence work on the financing, including engaging bond and disclosure counsel for the financing. Our recommendation is to use the same legal team as on the 2015 Bonds: Chapman & Cutler as bond counsel and Thompson Coburn as disclosure counsel. This action would allow bond counsel to begin in-depth work on the creation of the necessary bond documents and for disclosure counsel to begin work on the preliminary official statement to effect the financing.

Presuming positive direction by the Board at this meeting, we will work with you to coordinate approving actions by each of the counties and their FPDs. Chapman is preparing those resolutions now.

We will also administer a competitive selection process (RFP/RFQ) for an underwriting team for the transaction on behalf of the Council.

### NOVEMBER 2019 MEETING

At the November regular meeting of the Board, we will seek Board approval of a resolution authorizing execution of the financing, subject to certain parameters. Typically, these parameters would set upper limits on the amount of bonds to be issued, the maximum permitted borrowing costs, etc. From and after Board adoption of the bond resolution, staff

would have the authority to execute the financing when prudent to do so. The resolution will also permit the appointment of bank trustees and other required professionals.

Following Board action in November, we will assess whether it is possible to execute the financing during 2019 or whether waiting until early 2020 would be required (or would provide any advantages). As we have discussed, we are able close on the refunding of the tax-exempt 2010 Bonds any time after early January 2020. Our window to price the bonds in 2019 will likely close by mid-December as municipal market liquidity tends to thin significantly about that time. The timing of the financing will likely depend in large part on our success in securing approvals from the counties and their FPDs.

### **SUBSEQUENT BOARD MEETINGS**

At the first regular Board meeting following the sale of the bonds, we would provide a brief presentation to the Board on the outcome of the sale.

Please let me know if you have any questions or concerns.

# Series 2010-A

Local Government Program Revenue Bonds

Southwestern Illinois Flood Prevention District (SW IL Development Authority)

## REFINANCING ASSUMPTIONS

<b>Settlement:</b> 1/23/20	<b>Call Date:</b> 4/15/20	<b>✓ Target:</b> 5.00%	<b>Escrow Effic:</b> $\geq$ 75.00%
<b>Call Price:</b> 100	<b>COI:</b> 2.50%	<b>✓ Target:</b> 3.00%	<b>Escrow Effic:</b> $\geq$ 50.00%

## REFINANCING ANALYSIS

	Maturity	Principal	Coupon	New YTM	Bond Price	Escr Price	Net Svgs %	Svgs % Distr	Net Svgs \$	Neg Arb	Escr Effic
	<b>Serial Bonds</b>										
X	4/15/21	3,265,000	3.500%	1.470%	102.459	100.336	-0.38%		(12,286)	-	0.00%
X	4/15/22	3,380,000	3.750%	1.530%	104.842	100.392	1.95%		65,916	-	100.00%
✓	4/15/23	3,505,000	4.000%	1.610%	107.486	100.449	4.54%		159,040	-	100.00%
✓	4/15/24	95,000	5.000%	1.650%	113.624	100.674	10.45%		9,927	-	100.00%
	<b>Term Bond 1</b>										
✓	4/15/24	3,550,000	4.000%	1.650%	109.557	100.449	6.61%		234,586	-	100.00%
✓	4/15/25	3,795,000	4.000%	1.690%	111.510	100.449	8.56%		324,889	-	100.00%
	<b>Term Bond 2</b>										
✓	4/15/26	2,120,000	4.250%	1.790%	114.434	100.505	11.43%		242,295	-	100.00%
✓	4/15/27	2,215,000	4.250%	1.870%	116.018	100.505	13.01%		288,239	-	100.00%
✓	4/15/28	2,320,000	4.250%	1.980%	117.154	100.505	14.15%		328,268	-	100.00%
✓	4/15/29	2,425,000	4.250%	2.109%	117.865	100.505	14.86%		360,350	(447)	99.88%
✓	4/15/30	2,540,000	4.250%	2.261%	118.068	100.505	15.06%		382,596	(1,229)	99.68%
	<b>Term Bond 3</b>										
✓	4/15/26	1,825,000	5.000%	1.790%	118.835	100.674	15.66%		285,809	-	100.00%
✓	4/15/27	1,910,000	5.000%	1.870%	121.066	100.674	17.89%		341,735	-	100.00%
✓	4/15/28	1,995,000	5.000%	1.980%	122.823	100.674	19.65%		391,988	-	100.00%
✓	4/15/29	2,090,000	5.000%	2.109%	124.123	100.674	20.95%		437,841	(387)	99.91%
✓	4/15/30	2,180,000	5.000%	2.261%	124.882	100.674	21.71%		473,223	(1,059)	99.78%

### SAVINGS BY PV % THRESHOLD

Threshold	Principal	Neg Arb	\$ Savings	% Savings
✓ $\geq$ 5%	29,060,000	(3,122)	4,101,746	14.11%
✓ $\geq$ 3% < 5%	3,505,000	-	159,040	4.54%
X < 3%	6,645,000	-	53,630	0.81%

### SAVINGS BY ESCROW EFFICIENCY

Threshold	Principal	Neg Arb	\$ Savings	% Savings
$\geq$ 75.00%	35,945,000	(3,122)	4,326,702	12.04%
$\geq$ 50.00%	-	-	-	-
< 50.00%	3,265,000	-	(12,286)	-0.38%

### SENSITIVITY ANALYSIS

- - - SETTLEMENT DATE - - -

$t = 0$        $t = 0.2$

	1/23/20	4/14/20		
MARKET $\Delta$	0.00%	\$ 4,260,786	\$ 4,274,613	\$ - \$ -
	0.25%	3,711,427	3,725,271	- -
	0.50%	3,172,819	3,082,109	- -
	1.00%	1,978,603	1,993,332	- -
	1.50%	762,895	770,727	- -

The Call Date is 0.2 Years From The Base Settlement

Break-Even Rate  $\Delta$  to Call Date: **0.01%** or 1 bps

Approx Corresponding PV Savings \$ **4,260,786** **13.08%**











Memo to: Board of Directors  
From: Chuck Etwert  
Subject: Fiscal Agent FY 2020 & FY 2021  
Date: September 16, 2019

CliftonLarsonAllen has served as the fiscal agent for the Council since being selected from competitive proposals and has done an excellent job, providing the following services:

- Maintain general ledger, fixed assets ledger, accounts receivable, general journal, and accounts payable.
- Review invoices for services provided to the Council prior to payment to determine compliance with the Council's contracts, agreements and policies.
- Prepare invoices and funding requests to bond Trustee, county treasurers, or other agencies or entities, as authorized by the Council, to pay expenses.
- Receive payments from the bond Trustee, counties or other agencies or entities on Council's behalf and prepare payments of invoices for execution by Council staff or Board members.
- Prepare regular statements of financial activity, including monthly statements showing accrued expenditures, budget comparisons, and disbursements, for Council Board meetings.
- Provide the Council and auditors with information and financial statements required for annual audits.
- Assist in developing annual Council budget.

In response, to a request for an additional two year proposal, CliftonLarsonAllen has proposed a monthly fee of \$2,490 a month with a fee of \$2,500 for assistance with the audit for a total fee of \$32,380 for FY 2020 and a monthly fee of \$2,580 a month with a fee of \$2,500 for assistance with the audit for a total fee of \$33,460 for FY 2021. The fee for the FY 2019 was \$30,920.

With their knowledge and experience of performing as our fiscal agent and working with our auditor and bond trustee, I recommend extending our engagement with CliftonLarsonAllen to act as our fiscal agent for the next two years.

Recommendation: Authorize the Chief Supervisor to engage CliftonLarsonAllen to act as the Council's fiscal agent for the next two years at a cost not to exceed \$32,380 for FY 2020 and \$33,460 for FY 2019.



Memo to: Board of Directors  
From: Chuck Etwert  
Subject: Financial Advisor Services  
Date: September 16, 2019

Columbia Capital Management, LLC has served as the financial advisor for the Council since being selected by a qualification-based procurement, to provide financial consulting and debt issuance services in 2014, and is currently completing a two year agreement for calendar years 2018 and 2019. Columbia Capital provided an outstanding effort during the long (and at times difficult) process of getting the Series 2015AB Bonds to market and issued.

At my request, Columbia Capital Management, LLC has submitted a proposal to continue as the Council's Financial Advisor for the next two years. The attachment provides details on individual tasks, person-hour estimates and staff costs.

The proposed extension uses the same format as with all previous contracts and consists of the scope of services identified on the attachment including, review of the Council's outstanding bonds, preparing a refunding analysis, preparing a refunding plan, a potential bond transaction, maintenance and support of the Council's debt program, a 2020 update of the Council's financial plan, investment advisory services, post-issuance compliance services, and a contingent amount for work outside the scope of the proposal for a total two year cost not to exceed \$247,985.

Columbia Capital's project team and hourly rates for the next two years remain the same as when they were selected in 2014.

Utilization of fees for the last three contract periods are as follows:

2014/2015 – Fee Proposal - \$176,500 – Utilized \$131,619\*  
2016/2017 – Fee Proposal - \$164,411 – Utilized \$39,697.50  
2018/2019 – Fee Proposal - \$183,396 – Utilized \$30,866.25 to date

\* The 2014/2015 contract period included the issuance of the 2015 Bonds

The contract has contingencies for the unexpected requests, which may arise, and work outside the scope of the proposal, however, based on past performance, it is doubtful all funds authorized will be utilized.

Recommendation: Authorize the Chief Supervisor to enter into contract with Columbia Capital Management, LLC to provide financial consulting, investment advisory services and post-issuance compliance services for the next two years in accordance with the attached scope of work for a total amount not to exceed \$247, 985.



231 South Bemiston  
Suite 800  
St. Louis, Missouri 63105

**Jeff White**, Managing Member  
888.648.8500  
jwhite@columbiacapital.com

August 30, 2019

Chuck Etwert  
Chief Supervisor  
Southwestern Illinois Flood Prevention District Council

VIA ELECTRONIC MAIL

Dear Chuck:

The purpose of this letter is to request an extension of our financial advisory services engagement with the Council for a two-year period ending December 31, 2021. The extension will permit us to continue to provide the Council with municipal advisory services, post-issuance compliance services and advisory services with respect to the investment of bond proceeds.

I have attached a proposed fee grid, using the same format as with our current contract, anticipating our level of effort over the next two years. Our efforts will be focused on maintaining support for the Council's debt program and providing investment advisory services. Our proposal includes the prospect of executing an economic refunding or restructuring of certain of the Council's existing bonds over the next two years, issuing additional bonds to finance potential funding shortfalls, and providing occasional updates of the Council's overall financial plan.

We propose to continue with the same project team: I will serve as lead with active involvement by Khaleen Dwyer, with respect to financial advisory and consulting work, and Adam Pope, with respect to investment advisory work. In addition, Deric Marr (Analyst) will provide additional financial advisory support. The full resources of the firm remain available to the Council as needed.

With respect to proposed fees, we will continue to honor the hourly rates included in our original RFP response to the Council. We have proposed continuing our work with respect to investment of the 2015AB Bond proceeds, as well as the prospective addition of Series 2020 Bond proceeds.

We very much appreciate the opportunity to continue our working relationship with the Council and hope that you will find this proposal to be acceptable. Thank you for your consideration.

Respectfully submitted,  
COLUMBIA CAPITAL MANAGEMENT, LLC

A handwritten signature in black ink, appearing to read 'Jeff White', is written over the typed name below.

Jeff White  
Managing Member

# Southwestern Illinois Flood Prevention District Council

## Fee Proposal (2020-2021 Contract Extension)

### Identified Scope of Services

	Personnel	Hours	Hourly Rate	Total Fee
Review the Council's outstanding bonds, prepare refunding analysis, develop refunding plan. Potential planning for a new money issue.	Managing Member	20	275.00	5,500.00
	Senior Vice President	30	225.00	6,750.00
	Analyst	15	180.00	2,700.00
As necessary, work with the Council staff to recommend structure, specific terms and conditions of debt issues. Assist in the sale of the bonds by developing documents for and assisting in the competitive solicitation and selection of underwriters and other ancillary services.	Managing Member	125	275.00	34,375.00
	Senior Vice President	120	225.00	27,000.00
	Analyst	80	180.00	14,400.00
Update the financial plan for the Council (2020).	Managing Member	20	275.00	5,500.00
	Senior Vice President	20	225.00	4,500.00
Review policy issues and direction(s) related to effective administration of the capital program.	Managing Member	15	275.00	4,125.00
	Senior Vice President	15	225.00	3,375.00
Advise the Council on areas of industry specific knowledge that affects the financing and marketing of the project's debt.	Managing Member	10	275.00	2,750.00
	Senior Vice President	10	225.00	2,250.00
Assist and advise in the development of debt limits, debt service coverage ratios, debt capacity, call feature, structure, reserve funds or other debt policies as requested.	Managing Member	15	275.00	4,125.00
	Senior Vice President	15	225.00	3,375.00
Work with the Council staff, attorneys and bond counsel to maintain an effective and legally compliant debt program.	Managing Member	15	275.00	4,125.00
	Senior Vice President	15	225.00	3,375.00
Provide technical advice as requested by the Council, orally or in written form, concerning miscellaneous issues and questions.	Managing Member	25	275.00	6,875.00
	Senior Vice President	25	225.00	5,625.00
Review of sales tax collections.	Managing Member	10	275.00	2,750.00
	Senior Vice President	10	225.00	2,250.00
	Analyst	5	180.00	900.00
Total Hours				615.00
Average Hourly Fee				238.41
<b>Adjustments</b>				
Proposed Blended Fee for 200 Hour Maximum				245.00
Fee for initial 200 hours at \$245.00				49,000.00
Remaining 415 hours at \$238.41				98,940.15
<b>Total fee for Identified Scope of Services</b>				<b>147,940.15</b>

### Investment Advisory Services

		Months		
Monthly Fee for Investment Advisory Services (2015AB Bonds)	\$900 x 24 months	24	900.00	21,600.00
Monthly Fee for Investment Advisory Services (2020 Bonds) (Starting January 1, 2020)	\$900 x 24 months	24	900.00	21,600.00

### Post-Issuance Compliance Services

Initial munivault® setup fee for potential refunding and new money bonds	\$2,500 x 2 bond series			5,000.00
Annual fee for five series of bonds	\$650 x 5 series x 2 years			6,500.00

### Reimbursable Expenses

Travel (estimate)				2,000.00
Lodging (estimate)				800.00
Meals (estimate)				250.00
<b>Total reimbursable expenses (estimate)</b>				<b>3,050.00</b>

### Fee and Cost Proposal Summary

<b>Hourly / Upfront Fees</b>	
Financial Advisory Scope of Services	147,940.15
Post-Issuance Compliance (munivault®)	5,000.00
<b>Total</b>	<b>152,940.15</b>
<b>Not to Exceed</b>	<b>168,234.17</b>
<b>Annual Fees</b>	
Investment Advisory	43,200.00
Post-Issuance Compliance (munivault®)	6,500.00
<b>Total</b>	<b>49,700.00</b>
<b>Not to Exceed</b>	<b>49,700.00</b>
<b>Reimbursable Expenses (Estimate)</b>	<b>3,050.00</b>
<b>Not to Exceed</b>	<b>3,050.00</b>

### Other Consulting Work

For work outside the scope of this proposal:	\$270 / hour
<b>Not to Exceed</b>	<b>27,000.00</b>