



**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL  
BOARD OF DIRECTORS MEETING  
April 19, 2017 7:30 am**

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

1. Call to Order  
*Paul Bergkoetter, Vice President*
2. Approval of Minutes of March 15, 2017
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, Amec Foster Wheeler*
7. Change Orders – BP #3, BP #4, & BP #5  
*AMEC Environment & Infrastructure  
Chuck Etwert, Chief Supervisor*
8. Amec Foster Wheeler Work Order #13 Amendment  
*AMEC Environment & Infrastructure  
Chuck Etwert, Chief Supervisor*
9. Public Comment  
  
Executive Session – (if necessary)
10. Other Business
11. Adjournment

**AGENDA**

**Next Meeting: May 17, 2017**



## MINUTES

### SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL BOARD OF DIRECTORS MEETING March 15, 2017

The regular meeting of the Board of Directors was held at the Metro-East Park and Recreation District Office, 104 United Drive, Collinsville, Illinois at 7:30 a.m. on Wednesday March 15, 2017.

#### Members in Attendance

Ron Motil, President (Chair, Madison County Flood Prevention District)  
Paul Bergkoetter, Vice President (St. Clair County Flood Prevention District)  
John Conrad, Secretary/Treasurer (Chair, Monroe County Flood Prevention District)  
Bruce Brinkman, Monroe County Flood Prevention District  
Debra Moore, (Chair, St. Clair County Flood Prevention District)  
Alvin Parks, Jr., St. Clair County Flood Prevention District  
Jeremy Plank, Madison County Flood Prevention District  
Ronald Polka, Monroe County Flood Prevention District

#### Members Absent

Tom Long, Madison County Flood Prevention District

#### Others in Attendance

Mark Kern, St. Clair County Board Chair  
Kurt Prenzler, Madison County Board Chair  
Chuck Etwert, SW Illinois FPD Council  
Matt Ahlers, Husch Blackwell LLP  
Walter Greathouse, Metro-East Sanitary District  
Gary Hoelscher, Millennia Professional Services  
Phil Johnson, Phil Johnson Realtor  
Charles Juneau, Juneau Associates Inc.  
Ron Kaempfe, Operators Local 520  
Tracey Kelsey, U.S. Army Corps of Engineers  
Lance Lunte, Lochmueller Group  
Jay Martin, Amec Foster Wheeler Environment & Infrastructure  
Jack Norman, Illinois Groundwater Advisory Council  
Donald Purdy, Independent Agricultural and Environmental Consultants  
Brad Ruppert, Senator Dick Durbin  
Rhonda Sauget, Leadership Council Southwestern Illinois  
Ethan Thompson, Amec Foster Wheeler Environment & Infrastructure  
Kevin Williams, Amec Foster Wheeler Environment & Infrastructure

**Call to order**

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

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

- Mr. Polka - Present
- Mr. Brinkman – Present
- Mr. Bergkoetter - Present
- Mr. Conrad - Present
- Mr. Long – absent
- Dr. Moore – Present
- Mr. Motil – Present
- Mr. Parks – absent
- Mr. Plank - Present

A quorum was present.

**Approval of Minutes of February 15, 2017**

A motion was made by Dr. Moore, seconded by Mr. Polka, to approve the minutes of the Board meeting held on February 15, 2017. Mr. Conrad called the roll and the following votes were made on the motion:

- Mr. Polka - Aye
- Mr. Brinkman – Aye
- Mr. Bergkoetter - Aye
- Mr. Conrad - Aye
- Mr. Long – absent
- Dr. Moore – Aye
- Mr. Motil – Aye
- Mr. Parks – absent
- Mr. Plank - Aye

The motion was approved.

**Public Comment on Pending Agenda Items**

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

**Program Status Report**

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

He indicated, approximately 92.5% of the \$74.3 million of construction, involved in all ten current construction bid packages, has been completed thru February. The amount of work completed during the month was \$2,293,404., the largest monthly amount since last April. The total amount of construction completed is \$68.7 million.

Similar to last few of months, the elevation of the Mississippi River rose above the ten foot elevation following the Board meeting last month. Fortunately, contractors have been in areas where they have been able to continue to install the reinforced concrete pipe. The river as of today was at 15.35 feet and is projected to fall to 10.4 by March 28th. It needs to be at 12 or less for the rehabilitation of the 126 Inch East St. Louis Sewer.

The Corps of Engineers submitted the Wood River Upper NLSER to FEMA last week on March 10, 2017. This follows the submittal of the Wood River East & West Forks by Amec Foster Wheeler December 5<sup>th</sup> last year. The Prairie Du Pont/Fish Lake submittal is anticipated to be submitted by June 30<sup>th</sup>, with the Lower Wood River and MESD packages to be submitted later in the year.

February was a very good month for construction and the projects are moving forward towards completion.

He indicated that the Annual Audit will be presented by Scheffel Boyle at the May meeting.

The Board was also provided a copy of Amec Foster Wheeler's Monthly Progress Report for March.

Mr. Motil asked for a motion to accept the Program Status Report for March 2017. A motion was made by Mr. Bergkoetter, seconded by Mr. Brinkman, to accept the Program Status Report for March 2017. Mr. Conrad called the roll and the following votes were made on the motion:

Mr. Polka - Aye  
Mr. Brinkman – Aye  
Mr. Bergkoetter - Aye  
Mr. Conrad - Aye  
Mr. Long – absent  
Dr. Moore – Aye  
Mr. Motil – Aye  
Mr. Parks – absent  
Mr. Plank - Aye

The motion was approved unanimously.

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

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

Mr. Etwert noted that the financial statement for February 2017 prepared by our fiscal agent, CliftonLarsonAllen was included in the materials sent for the meeting. The report included an accounting of revenues and expenditures for the month ending February 28, 2017, as compared to the fiscal year budget.

Accrued expenditures for the current fiscal year beginning on October 1, 2016 are \$14,038,775 while revenues amounted to \$5,040,607 resulting in a deficit of \$8,998,168. A total of \$28,302,217 is held by the counties in their respective FPD sales tax funds and is available for the Council's use on the project.

Monthly sales tax receipts of \$1,205,068 for December 2016 (the latest month reported by the Illinois Department of Revenue) were up .45% from last year. Total receipts for 2016 were \$11,550,824. This is up 0.63% from 2015 and is now the highest year to date.

The report included bank transactions for February 2017. Total disbursements for the month were \$2,186,115.82. The largest payments were to Keller Construction for BP #3 & BP #5, Haier Plumbing for BP #4, Korte & Luitjohan for BP #2B, and Amec Foster Wheeler.

Also, for the Board's review and anyone else who was interested, Mr. Etwert provided copies of each requisition, which was represented on the February 2017 Bank Transaction Schedule prepared by CliftonLarsonAllen.

Mr. Etwert recommended that the Board accept the budget report and disbursements for February 2017.

Mr. Motil asked for a motion to accept Mr. Etwert's budget report and disbursements for February 2017, noting that receipts for December and the year were for the year 2016 not 2017 as written in the agenda package. A motion was made by Mr. Brinkman, seconded by Dr. Moore, to accept, as corrected, the budget report and approve the disbursements for February 2017. Mr. Conrad called the roll and the following votes were made on the motion:

Mr. Polka - Aye  
Mr. Brinkman - Aye  
Mr. Bergkoetter - Aye  
Mr. Conrad - Aye  
Mr. Long - absent  
Dr. Moore - Aye  
Mr. Motil - Aye  
Mr. Parks - absent  
Mr. Plank - Aye

The motion was approved unanimously.

## **Design and Construction Update**

Mr. Motil called on Jay Martin, Amec Foster Wheeler's program manager, to provide a report. Mr. Martin used a PowerPoint® presentation to illustrate his remarks. His presentation focused on the construction status of each bid package, FEMA Certification Update, and the Authorized Level (500-Year) Design as follows:

## **Construction Status**

### **Bid Package 2B – WR/MESD/PdP Pump Stations**

- Pipe Replacement

Pump Station Site 05, 10 & 16 – 98% Complete. Will re-seed sites in spring.

Pump Station Site 12 – 0% Complete

### **Bid Package 3 – Wood River Seepage Improvements**

- Project substantially complete.
- Work that remains to be completed:

Abandonment of 6 relief wells

Replacement of 24” Hawthorne Sluice Gate

### **Bid Package 4 – MESD Seepage Improvements (Conoco Phillips)**

- Pipe Replacement –

Pump Station Site 09 Collector System – 55% Complete

### **Bid Package 5 – MESD Seepage Improvements**

- Pipe Replacement –

Pump Station Site 10 Collector System – 98% Complete

Pump Station Site 16 Collector System – 98% Complete

Pump Station Site 12 Collector System – 25% Complete

- Clay Cap

Rip Rap, Topsoil, and Railroad Ballast removal complete

Clay placement will begin Spring 2017.

He clarified that it would take three or four months for the Clay Cap construction to be completed.

**Bid Package 5A – East St. Louis Sewer**

- Submittals complete
- The contractor will mobilize as river levels allow

**Bid Package 6 – Prairie du Pont / Fish Lake Seepage Improvements**

- All project work complete.

**Bid Package 7B – Wood River Lower (Deep) Cutoff Wall**

- Project is substantially completed with exception of relief well work.
- Installation of 5 relief wells is all that remains; the contractor is planning to mobilize this month.

**Cost to Complete (Including Retainage)**

**Bid Package 2B – WR/MESD/PdP Pump Stations**

- Pump Station Sites: 05, 10, 12, 16 = \$230,300.

**Bid Package 3 – Wood River Seepage Improvements**

- Hawthorne Sluice Gate & RW Abandonments = \$116,600.

**Bid Package 4 – MESD Seepage Improvements (Conoco Phillips)**



- RCP Replacement = \$1,471,400
- Base Scope (PZ's, RW Abandonments & Site Restoration) = \$491,000.

**Bid Package 5 – MESD Seepage Improvements**

- RCP Replacement = \$702,500.
- Base Scope (Clay Cap & Site Restoration) = \$2,135,900

**Bid Package 5A – East St. Louis Sewer Liner**

- ESL Sewer Liner = \$699,900.00

**Bid Package 7B – Wood River Lower (Deep) Cut-off Wall**

- Relief Wells & Site Restoration = \$515,000.

Next he presented the river level charts for Bid Packages 4 & 5, 5A, and 7B which reflected the elevation of the river rising after each Board meeting the last three months, as previously mentioned in Mr. Etwert's progress report.

**Construction Photos**

- Bid Package 2B – MESD – Site 16 Pump Station Fill Placement**
- Bid Package 2B – MESD – Site 16 Pump Station Complete**
- Bid Package 3 – Wood River – Setting Hawthorne Manhole**
- Bid Package 3 – Wood River – Hawthorne Manhole Work Complete**
- Bid Package 4 – MESD – Site 09 Collector System**
- Bid Package 4 – MESD – Site 09 Collector System**
- Bid Package 5 – MESD – Site 10 Collector in Progress**
- Bid Package 5 – MESD – Site 10 Collector Complete**
- Bid Package 5 – MESD – Cahokia Pump Station Forebay**
- Bid Package 5 – MESD – Cahokia Pump Station Forebay**

He next discussed the FEMA Certification packages.

**FEMA Certification Update**

**Upper Wood River**

- Do not anticipate further action from FPD Council or Amec Foster Wheeler. As previously mentioned, the Corps has submitted the package to FEMA.

#### **Wood River East & West Forks**

- Certification package was submitted to FEMA on Dec 5, 2016

#### **Lower Wood River**

- Awaiting completion of 5 relief wells in bid package 7B
- Efforts are underway preparing the package

#### **MESD**

- Pending completion of Bid Packages 2B, 4, 5, & 5 A
- Construction completion 3<sup>rd</sup> Quarter 2017

#### **Prairie du Pont & Fish Lake**

- Pending completion of Bid Packages 2B, 5A & 6
- Construction completion Q1 of 2017
- Submit to FEMA 2nd Quarter of 2017
- Efforts are underway preparing the package

Lastly, 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 on hold pending USACE review of 35% resubmittal (USACE is holding on review until funding is available)
- Bid Packages 9 & 10 require additional borings; on hold pending USACE risk review (2+ years)

**MESD – Bid Packages 11, 12, 13, and 14**

- Bid Package 11 – Survey is underway
- Bid Packages 12 & 13 – Drilling was completed on March 3. Survey will begin in late March
- Bid Package 14 – Developing 60% design, due end of April

**PdP/FL**

- USACE has completed their review of the Boring Plan under previous Section 408
- USACE re-evaluating remaining PdP areas. Estimated completion in June.

Mr. Motil thanked Mr. Martin for the additional photos presented which underscores the scope of the project for those without a construction background, and reflects just how large the project is.

Mr. Motil asked for a motion to accept Mr. Martin’s Design and Construction Update report. A motion was made by Mr. Bergkoetter, with a second by Mr. Polka, to accept the Amec Foster Wheeler Design and Construction Update report. Mr. Conrad called the roll and the following votes were made on the motion:

Mr. Polka - Aye  
 Mr. Brinkman – Aye  
 Mr. Bergkoetter - Aye  
 Mr. Conrad - Aye  
 Mr. Long – absent  
 Dr. Moore – Aye  
 Mr. Motil – Aye  
 Mr. Parks – absent  
 Mr. Plank - Aye

The motion was approved unanimously.

**Change Orders BP #4**

Mr. Motil asked Mr. Jay Martin of Amec Foster Wheeler to explain the change orders.

Mr. Martin explained per the Board’s Construction Change Order Policy, any change order which causes a line item to increase by more than ten percent must be approved by the Board. Board approval is also required on all change orders if the total of all change orders on a project exceed ten percent of a project’s original cost. He explained two change orders on BP #4, one of which was a credit.

**Bid Package 04 – Credit De-scope of Piezometer Abandonments – (\$2,400.00)**

Four piezometers on the BP4 site that were designated for abandonment appear to have already been abandoned. The following piezometers will be de-scoped from the base contract: PZ-1217L, PZ-1223L, PZ-1226L, PZ-1228L2.

Additionally, two PZ’s that were not originally designated to be abandoned will be abandoned. They are both located near Station 1223+00 approximately 5 feet south of the proposed PZ-1223LX

Summary: De-scope 4 piezometer abandonments and add 2 additional abandonments.

<b>Line Item</b>	<b>Contract QTY</b>	<b>Revised QTY</b>	<b>Unit Price</b>	<b>Net Change to Contract</b>
4.20 Abandon Piezometer	6	4	\$1,200.00/each	(\$2,400.00)

**Bid Package 04 – Relief Well Conversions Concrete Seals– \$51,807.50**

There are 17 existing Type “D” relief wells planned to be converted to Type “T” relief wells as part of the project. This requires cutting off the top several feet of the existing relief well to lower the discharge elevation. Each relief well is required to have concrete seal for approximately 3 feet below the discharge elevation. Lowering the existing relief wells may create a situation where very little or no annulus concrete seal remains from the original construction in 1954. If such a situation is encountered, the contractor will over excavate and pour the required concrete seal prior to continuing the relief well conversion process.

This price assumes the worst-case scenario that all 17 of the existing relief wells will require a seal modification; however, it is anticipated that only a few (RWs: 138, 139A, 144A, and 146A) will require this modification. These four relief wells are being lowered the most, whereas the

remaining 13 relief wells are only being lowered a few feet. The contractor will only be paid for those relief wells requiring the seal modification.

DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL
RW Seal Modification	17	EACH	\$3,047.50	\$51,807.50

Mr. Etwert explained that the net increase to the contract with Haier Plumbing for both of the change orders was \$49,407.50.

Mr. Motil asked for a motion to authorize the Chief Supervisor to approve the requested change orders for Bid Package 04 – Credit De-scope of Piezometer Abandonments in the amount of (\$2,400.00) and Relief Well Conversions Concrete Seals– \$51,807.50 with Haier Plumbing for a total not to exceed \$49,407.50.

A motion was made by Mr. Brinkman, with a second by Mr. Bergkoetter to approve the requested change orders for Bid Package 04 – Credit De-scope of Piezometer Abandonments in the amount of (\$2,400.00) and Relief Well Conversions Concrete Seals– \$51,807.50 with Haier Plumbing for a total not to exceed \$49,407.50. Mr. Conrad called the roll and the following votes were made on the motion:

- Mr. Polka - Aye
- Mr. Brinkman – Aye
- Mr. Bergkoetter - Aye
- Mr. Conrad - Aye
- Mr. Long – absent
- Dr. Moore – Aye
- Mr. Motil – Aye
- Mr. Parks – absent
- Mr. Plank - Aye

The motion was approved.

Lastly, Mr. Martin then briefly discussed the following pending change orders.

Pending Change Orders:

**Bid Package 04 – Siphon Breaker Conduit Replacement (\$5,000-\$10,000)**

A Change order may be needed to replace a conduit which runs from an old pump station to the top of the levee. The existing metal conduit has collapsed, making it impossible to pull a new electrical cable through it. The contractor damaged a portion of the conduit during construction and has agreed to pull a new wire at no additional cost to the FPD Council; however, the

contractor does not feel he should be responsible for doing replacing the entire conduit. Estimated to be presented in Spring 2017.

**Bid Package 05 – Hybrid Clay Cap Topsoil (Cost unknown)**

A Change order may be needed to compensate for any additional topsoil that needs to be hauled in to cover a revised clay cap design. It is assumed that the material that is being excavated from the levee will be suitable for reuse as topsoil, but in the event that it is unsuitable, clean topsoil will need to be imported at a cost to the FPD Council. This is pending completion of the clay cap, and will be towards the end of the project. Estimated to be presented in 2017.

**Bid Package 7B – Relief Well 1038D Abandonment**

A change order may be necessary to abandon a failed relief well installation.

**Amec Foster Wheeler Work Order Amendments**

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

Mr. Martin explained with the completion of the 100-Year projects taking longer than originally anticipated, there is one Work Order with Amec Foster Wheeler that needs to be amended for Period of Performance. There is no change in cost for this Work Order.

In addition, with the design of the 500-Year projects being finalized, there is one Work Order that needs to be amended for Period of Performance and Authorized Funding with a total net effect of reducing this Work Order by \$370,000.

**Work Order with Period of Performance Adjustments only:**

Work Order #3 – FEMA Certification Submittals - Amendment 4

Extending Period of Performance from March 1, 2015 to December 31, 2017  
No change in funding

**Work Order with Funding and Period of Adjustment:**

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

Extending Period of Performance from December 31, 2017 to December 31, 2019 and an Authorized Funding deduction of \$370,000, from \$6,447,432 to \$6,077,432, due to a reduction in the number of borings and access to the Terminal Railroad site.

Copies of both Work Order Amendments were provided.

Mr. Motil asked for a motion to authorize the Chief Supervisor to execute Work Order Amendments with Amec Foster Wheeler for Work Order #3 – FEMA Certification Submittals - Amendment 4, extending the Period of Performance in the Work Order to December 31, 2017, and Work Order #14 – Metro East Sanitary District Authorized Level Field Investigation and Design - Amendment 2 extending the Period of Performance to December 31, 2019 and reducing the authorized level of funding from \$6,447,432 to \$6,077,432 for a net decrease of \$370,000.

A motion was made by Dr. Moore with a second by Mr. Polka to authorize the Chief Supervisor to execute Work Order Amendments with Amec Foster Wheeler for Work Order #3 – FEMA Certification Submittals - Amendment 4, extending the Period of Performance in the Work Order to December 31, 2017, and Work Order #14 – Metro East Sanitary District Authorized Level Field Investigation and Design - Amendment 2 extending the Period of Performance to December 31, 2019 and reducing the authorized level of funding from \$6,447,432 to \$6,077,432 for a net decrease of \$370,000.

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

Mr. Polka - Aye  
Mr. Brinkman – Aye  
Mr. Bergkoetter - Aye  
Mr. Conrad - Aye  
Mr. Long – absent  
Dr. Moore – Aye  
Mr. Motil – Aye  
Mr. Parks – absent  
Mr. Plank - Aye

The motion was approved.

### **Review of Legislative, Government Relations, & Legal Expenditures**

Mr. Motil asked Mr. Etwert to explain.

Mr. Etwert explained that at last month's meeting, a review of the Council's expenditures for legal, legislative, and government relations, particularly the government relations was requested to be discussed at the March meeting.

He indicated that he had provided the Council a summary of the efforts and expenditures for each of the requested areas for the current fiscal year, and that he would answer any questions that anyone had.

He explained that as a staff of one, it has worked well, being able to pick up the phone and have someone available to emphasize your needs or concerns to an elected official or agency.

He indicated that both the federal and state lobbyist were each in the middle of a two year contract and that the need should be reviewed again at the expiration of the current contracts. FEMA accreditation should be obtained by that point and the need for lobbyist should be significantly reduced from the current level.

Chairman Prenzler asked if any action was being requested at this time. Mr. Etwert indicated that he provided his review of the situation and that no action was needed at this time. Mr. Bergkoetter asked and it was confirmed by Mr. Etwert, that there was a thirty day termination clause in the Smith Dawson and Andrews's contract.

Mr. Bergkoetter questioned with the changes in Washington D. C. was the Council still getting value, not because of lack of effort but due to the change in the current landscape. Mr. Etwert indicated that he didn't know how you place a value on the efforts of a lobbyist. The Council's state lobbyist was able to obtain a \$100,000 grant a few years ago, but with the current state situation, there won't be any grants at this time.

The lobbyist are promoting the Council's efforts with elected officials and looking out for the Council's best interest in any legislation that is proposed. He stressed again that the need for assistance in this area should be reduced once FEMA accreditation is achieved. The 500-Year projects are not under a completion deadline.

Mr. Etwert stated the current utilization of state and federal lobbyist has worked well but it is the Council's choice.

Dr. Moore asked with the current power structure change is the Council's lobbyist positioned to impact the new legislative structure. Mr. Bergkoetter indicated that the decision to utilize lobbyists originally was due to a change at the congressional level and a concern that relationships were somewhat disrupted. Things have now moved in the other direction and things have been disrupted again.

Mr. Bergkoetter indicated it needed to be determined if the lobbyist can be effective in this new structure, but a decision wasn't needed at the meeting today. Mr. Motil indicated with the political landscape lobbyists may be needed now more than ever.

Dr. Moore restated that Mr. Bergkoetter was asking who is listening to the voice, those in power now or those who had power. Mr. Bergkoetter questioned if there was anything left for them to do, and can they get to the people that they need to get to. He didn't know, but he knew that there had been a change in the structure, and did the need expressed a couple of years ago still exist.



Mr. Motil indicated as Mr. Etwert had previously stated, that once accreditation is achieved the need for assistance may not exist. Mr. Bergkoetter indicated this was the case prior to bringing them on board.

Mr. Motil asked when the next review would be and Mr. Etwert indicated that a review of the need, taking a very close look, would take place approximately a year from now.

It was determined, that no action was needed to be taken at this time.

Mr. Parks arrived during the discussion.

### **Corps of Engineers Update**

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

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

### **USACE UPDATE**

#### **Project Status**

- Wood River Construction
  - Shallow cutoff wall construction is complete
  - Site restoration is underway
  - Anticipated project completion in April 2017
- Wood River Upper LSER
  - Submitted to FEMA on March 10, 2017
- Congressional Visits
  - COL Mitchell and John Peukert are in Washington, D.C. conducting Congressional visits
- Major General Wehr visit March 28-30, 2017

Mr. Motil asked for a motion to accept the Corps report. A motion was made by Mr. Parks, with a second by Mr. Bergkoetter to receive the Corps report. Mr. Conrad called the roll and the following votes were made on the motion:

Mr. Polka - Aye  
Mr. Brinkman – Aye  
Mr. Bergkoetter - Aye  
Mr. Conrad - Aye  
Mr. Long – absent  
Dr. Moore – Aye  
Mr. Motil – Aye  
Mr. Parks – Aye  
Mr. Plank - Aye

The motion was approved unanimously.

### **Public Comment**

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

Mr. Motil asked to adjourn the public session and convene an executive session regarding the purchase or lease of real property. He indicated that no action would be taken upon reconvening the public session, and the public was welcomed to stay for when the public session was reconvened.

Mr. Parks made a motion at 8:05 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. The motion was seconded by Mr. Brinkman. It was indicated that all Board members and County Board Chairs should be present, along with representatives from Amec Foster Wheeler, Husch Blackwell, and Chuck Etwert. Mr. Conrad called the roll and the following votes were made on the motion:

Mr. Polka - Aye  
Mr. Brinkman – Aye  
Mr. Bergkoetter - Aye  
Mr. Conrad - Aye  
Mr. Long – absent  
Dr. Moore - Aye  
Mr. Motil – Aye  
Mr. Parks – Aye  
Mr. Plank - Aye

The motion was approved unanimously and the Board went into executive session.

Mr. Motil asked for a motion to adjourn the executive session and go back into public session.

Dr. Moore made a motion to adjourn the executive session and reconvene the public session at 8:21 a.m. Mr. Parks seconded the motion. Mr. Conrad called the roll and the following votes were made on the motion:

Mr. Polka - Aye  
Mr. Brinkman – Aye  
Mr. Bergkoetter - Aye  
Mr. Conrad - Aye  
Mr. Long – absent  
Dr. Moore – Aye  
Mr. Motil – Aye  
Mr. Parks – Aye  
Mr. Plank - Aye

### **Other Business**

There was no other business.

### **Adjournment**

A motion was made by Mr. Parks, seconded by Mr. Bergkoetter to adjourn the meeting. The motion was approved unanimously by voice vote, all voting aye.

Respectfully submitted,

John Conrad,  
Secretary/Treasurer, Board of Directors





## Progress Report March 15, 2017

### Southwestern Illinois Levee Systems

By Jay Martin



## Construction Status



### ► Bid Package 2B – WR/MESD/PdP Pump Stations

#### ► Pipe Replacement

- Pump Station Sites 05, 10 & 16 – 98% Complete. Will re-seed sites in spring.
- Pump Station Site 12 – 0% Complete.

### ► Bid Package 3 – Wood River Seepage Improvements

- Project substantially complete.
- Work that remains to be completed:
  - Abandonment of 6 relief wells
  - Replacement of 24" Hawthorne Sluice Gate



## Construction Status

---

- ▶ Bid Package 4 – MESD Seepage Improvements (Conoco Phillips)
  - ▶ Pipe Replacement –
    - ▶ Pump Station Site 09 Collector System – 55% Complete
  
- ▶ Bid Package 5 – MESD Seepage Improvements
  - ▶ Pipe Replacement –
    - ▶ Pump Station Site 10 Collector System – 98% Complete
    - ▶ Pump Station Site 16 Collector System – 98% Complete
    - ▶ Pump Station Site 12 Collector System – 25% Complete
  - ▶ Clay Cap
    - ▶ Rip Rap, Topsoil, and Railroad Ballast removal complete
    - ▶ Clay placement will begin Spring 2017.



## Construction Status

---

- ▶ Bid Package 5A – East St. Louis Sewer
  - ▶ Submittals complete
  - ▶ The contractor will mobilize as river levels allow.
  
- ▶ Bid Package 6 – Prairie du Pont / Fish Lake Seepage Improvements
  - ▶ All project work complete.
  
- ▶ Bid Package 7B – Wood River Lower (Deep) Cut-off Wall
  - ▶ Project is substantially completed with the exception of relief well work.
  - ▶ Installation of 5 relief wells is all that remains; the contractor is planning to mobilize this month.



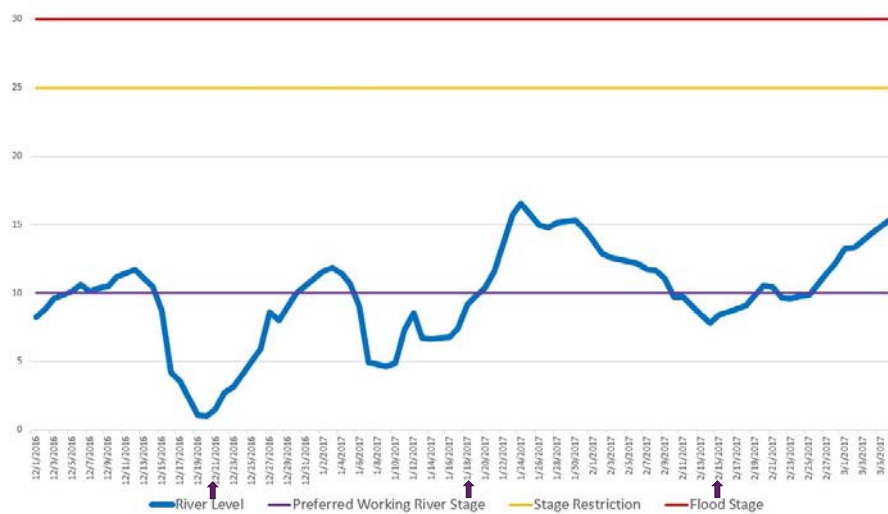
## Cost to Complete (Including Retainage)

- ▶ Bid Package 2B – WR/MESD/PdP Pump Stations
  - ▶ Pump Station Sites: 05, 10, 12, 16 = **\$230,300.**
- ▶ Bid Package 3 – Wood River Seepage Improvements
  - ▶ Hawthorne Sluice Gate & RW Abandonments = **\$116,600.**
- ▶ Bid Package 4 – MESD Seepage Improvements (Conoco Phillips)
  - ▶ RCP Replacement = **\$1,471,400.**
  - ▶ Base Scope (PZ's, RW Abandonments & Site Restoration) = **\$491,000.**
- ▶ Bid Package 5 – MESD Seepage Improvements
  - ▶ RCP Replacement = **\$702,500.**
  - ▶ Base Scope (Clay Cap & Site Restoration) = **\$2,135,900.**
- ▶ Bid Package 5A – East St. Louis Sewer Liner
  - ▶ ESL Sewer Liner = **\$699,900.00**
- ▶ Bid Package 7B – Wood River Lower (Deep) Cut-off Wall
  - ▶ Relief Wells & Site Restoration = **\$515,000.**

5

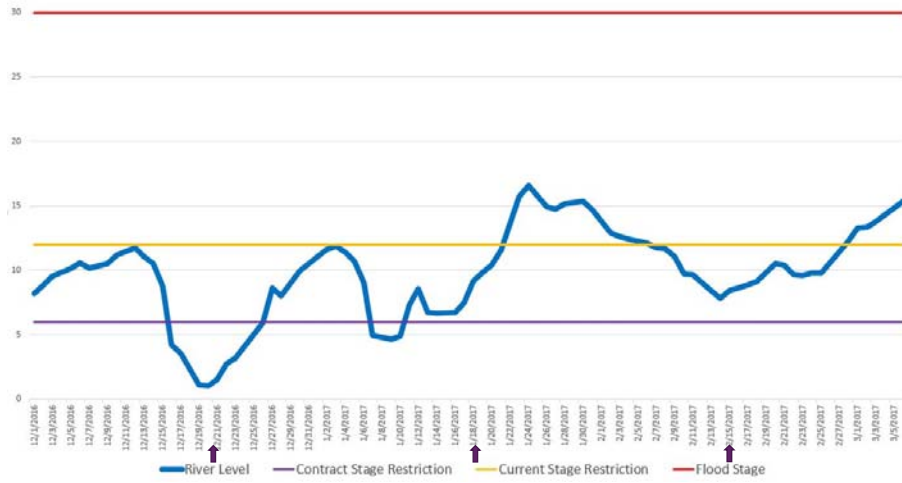


## Recent River Levels (Bid Packages 4 & 5)



6

## Recent River Levels (Bid Package 5A)



7

## Recent River Levels (Bid Package 7B)



8



Bid Package 2B – MESD



Site 16 Pump  
Station Fill  
Placement

2017/02/14

Bid Package 2B – MESD



Site 16 PS  
Complete

2017/03/06

## Bid Package 3 – Wood River



Setting  
Hawthorne  
Manhole



## Bid Package 3 – Wood River



Hawthorne  
Manhole Work  
Complete





## Bid Package 4 – MESD



## Bid Package 4 – MESD



Bid Package 5 – MESD



Site 10  
Collector in  
Progress

2017/02/14

Bid Package 5 – MESD



Site 10  
Collector  
Complete

2017/03/04



# Bid Package 5 – MESD



Cahokia PS  
Forebay

# Bid Package 5 – MESD



Cahokia PS  
Forebay

2017/02/24



## FEMA Certification Update

---

- ▶ Upper Wood River
  - ▶ Do not anticipate further action from FPD Council or Amec Foster Wheeler
  
- ▶ Wood River East & West Forks
  - ▶ Certification package was submitted to FEMA on Dec 5, 2016
  
- ▶ Lower Wood River
  - ▶ Awaiting completion of 5 relief wells in bid package 7B
  - ▶ Efforts are underway preparing the package



## FEMA Certification Update

---

- ▶ MESD
  - ▶ Pending completion of Bid Packages 2B, 4, 5, & 5A
  - ▶ Construction Completion 3<sup>rd</sup> Quarter 2017
  
- ▶ Prairie du Pont & Fish Lake
  - ▶ Pending completion of Bid Packages 2B, 5A & 6.
  - ▶ Construction completion Q1 of 2017
  - ▶ Submit to FEMA 2<sup>nd</sup> Quarter of 2017
  - ▶ Efforts are underway preparing the package

## Authorized Level (500-Year) Design

### Wood River – Bid Packages 8, 9 and 10

- Bid Package 8 design is on hold pending USACE review of 35% re-submittal (USACE is holding on review until funding is available)
- Bid Packages 9 and 10 require additional borings; on hold pending USACE risk review (2+ years)

### MESD – Bid Packages 11, 12, 13 and 14

- Bid Package 11 – Survey is underway
- Bid Packages 12 & 13 – Drilling was completed on March 3. Survey will begin in late March
- Bid Package 14 – Developing 60% Design, due end of April

### PdP/FL

- USACE has completed their review of the Boring Plan under our previous Section 408.
- USACE re-evaluating remaining PdP areas. Estimated completion in June

Questions?





## Metro East Projects, IL

### Project Status

- Wood River Construction
  - Shallow cutoff wall construction is complete
  - Site restoration is underway
  - Anticipated project completion April 2017
- Wood River Upper LSER
  - Submitted to FEMA on March 10, 2017
- Congressional Visits
  - COL Mitchell and John Peukert are in Washington, D.C. conducting Congressional visits
- Major General Wehr visit March 28-30, 2017







Memo to: Board of Directors  
From: Chuck Etwert  
Subject: Program Status Report for April 2017  
Date: April 17, 2017

Approximately 94.7% of the \$74.3 million of construction, involved in all ten current construction bid packages, has been completed thru March. The amount of work completed during the month was \$1,694,478. The total amount of construction completed is \$70.4 million. There is just under four million dollars' worth of 100-Year accreditation construction remaining to be completed.

The elevation of the Mississippi River rose again reaching an elevation of 28 feet on April 9<sup>th</sup>. It is projected to drop to below 17 feet in the next two weeks, but it needs to be below 12 feet for the rehabilitation of the 126 Inch East St. Louis Sewer. The contractor has equipment and pipe on site and is just waiting for the river to recede and remain down.

On March 28<sup>th</sup>, Major General Wehr of the Corps of Engineers conducted a site visit of the Metro East Levees with a stop at the MESD levee along Prairie Du Pont Creek. The necessity for the Corps of Engineers to obtain funding to match the Council's available funds was emphasized to him.

On March 30<sup>th</sup>, the Monroe County Economic Development Corporation recognized the Council's Monroe County members for their efforts in the rehabilitation of the American Bottom Levee System.

On April 6<sup>th</sup> the Council received a 2017 Salute to Southwestern Illinois Award from the Leadership Council Southwestern Illinois for the Council's efforts regarding FEMA Reaccreditation of the American Bottom Levee System for a 100-Year Flood event.

The Annual Audit will be presented by Scheffel Boyle at next month's meeting.

I have included in your Board packet, a copy of Amec Foster Wheeler's Monthly Progress Report for April.





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

---

## **Monthly Project Progress Report April 2017**

---

AMEC FOSTER WHEELER Project No. 563170001  
Period Ending Date: April 7, 2017

*Date of Issue: April 13, 2017*

# Table of Contents

<b>1. OVERVIEW .....</b>	<b>4</b>
1.1 PROJECT DESCRIPTION .....	4
1.2 AMEC FOSTER WHEELER SCOPE .....	4
1.3 KEY CONTACTS / PEOPLE .....	5
<b>2. HEALTH, SAFETY, SECURITY, ENVIRONMENT (HSSE) .....</b>	<b>5</b>
2.1 HSSE REPORTS .....	5
<b>3. PROJECT STATUS UPDATE .....</b>	<b>6</b>
3.1 BID PACKAGE 2A .....	6
3.1.1 Calendar .....	6
3.1.2 Progress .....	6
3.1.3 Property Acquisition.....	6
3.1.4 Levee Board Considerations .....	6
3.1.5 Submittals .....	6
3.1.6 Change Orders .....	6
3.1.7 QC/QA Activities .....	6
3.1.8 Considerations.....	6
3.1.9 Payment Progress .....	6
3.2 BID PACKAGE 2B .....	7
3.2.1 Calendar .....	7
3.2.2 Progress - Piping Change Order .....	7
3.2.3 Property Acquisition.....	7
3.2.4 Levee Board Considerations .....	7
3.2.5 Submittals .....	7
3.2.6 Change Orders .....	7
3.2.7 QC/QA Activities .....	7
3.2.8 Considerations.....	7
3.2.9 Payment Progress .....	7
3.3 BID PACKAGE 2C .....	8
3.3.1 Calendar .....	8
3.3.2 Progress .....	8
3.3.3 Property Acquisition.....	8
3.3.4 Levee Board Considerations .....	8
3.3.5 Submittals .....	8
3.3.6 Change Orders .....	8
3.3.7 QC/QA Activities .....	8
3.3.8 Payment Progress .....	8
3.4 BID PACKAGE 3.....	9
3.4.1 Calendar .....	9
3.4.2 Progress .....	9
3.4.3 Property Acquisition.....	9
3.4.4 Levee Board Considerations .....	9
3.4.5 Submittals .....	9
3.4.6 Change Orders .....	9
3.4.7 QC/QA Activities .....	9
3.4.8 Considerations.....	9
3.4.9 Payment Progress .....	9
3.5 BID PACKAGE 4.....	10
3.5.1 Calendar .....	10
3.5.2 Progress .....	10
3.5.3 Property Acquisition.....	10
3.5.4 Levee Board Considerations .....	10
3.5.5 Submittals .....	10
3.5.6 Change Orders .....	10
3.5.7 QC/QA Activities .....	10
3.5.8 Considerations.....	10

3.5.9	Payment Progress .....	10
3.6	BID PACKAGE 5.....	11
3.6.1	Calendar .....	11
3.6.2	Progress .....	11
3.6.3	Property Acquisition.....	11
3.6.4	Levee Board Considerations .....	11
3.6.5	Submittals .....	11
3.6.6	Change Orders .....	11
3.6.7	QC/QA Activities .....	11
3.6.8	Considerations.....	11
3.6.9	Payment Progress .....	11
3.7	BID PACKAGE 5A .....	12
3.7.1	Calendar .....	12
3.7.2	Progress .....	12
3.7.3	Property Acquisition.....	12
3.7.4	Levee Board Considerations .....	12
3.7.5	Submittals .....	12
3.7.6	Change Orders .....	12
3.7.7	QC/QA Activities .....	12
3.7.8	Considerations.....	12
3.7.9	Payment Progress .....	12
3.8	BID PACKAGE 6.....	13
3.8.1	Calendar .....	13
3.8.2	Progress .....	13
3.8.3	Property Acquisition.....	13
3.8.4	Levee Board Considerations .....	13
3.8.5	Submittals .....	13
3.8.6	Change Orders .....	13
3.8.7	QC/QA Activities .....	13
3.8.8	Considerations.....	13
3.8.9	Payment Progress .....	13
3.9	BID PACKAGE 7A .....	14
3.9.1	Calendar .....	14
3.9.2	Progress .....	14
3.9.3	Property Acquisition.....	14
3.9.4	Levee Board Considerations .....	14
3.9.5	Submittals .....	14
3.9.6	Change Orders .....	14
3.9.7	QC/QA Activities .....	14
3.9.8	Considerations.....	14
3.9.9	Payment Progress .....	14
3.10	BID PACKAGE 7B .....	15
3.10.1	Calendar .....	15
3.10.2	Progress .....	15
3.10.3	Property Acquisition .....	15
3.10.4	Levee Board Considerations .....	15
3.10.5	Submittals.....	15
3.10.6	Change Orders.....	15
3.10.7	QC/QA Activities.....	15
3.10.8	Considerations .....	15
3.10.9	Payment Progress.....	15

## 1. OVERVIEW

### 1.1 Project Description

Levees along the east side of the Mississippi River within four levee districts have been found to be out of compliance with FEMA Requirement 44CFR 65.10 and therefore have been de-certified. The four districts are: Wood River Drainage and Levee District, Metro-East Sanitary District, Prairie du Pont Drainage and Levee District, and Fish Lake Drainage and Levee District. The counties involved have formed an overarching entity called the Southwestern Illinois Flood Prevention District Council (SIFPDC). Amec Foster Wheeler has been selected by the SIFPDC to design and manage the construction of levee system improvements necessary to demonstrate compliance with FEMA Requirement 44CFR 65.10.

**Bid Package 2A** is composed of the construction of one (1) pump station within the Fish Lake Levee District System.

**Bid Package 2B** is composed of the construction of five (5) pump stations within the Wood River, MESD, and Prairie du Pont Levee Districts.

**Bid Package 2C** is composed of the installation of two force mains and associated structures from Site 12 pump station to levee discharge.

**Bid Package 3** is composed of the construction of seepage control improvements within the Wood River Drainage and Levee District Levee System.

**Bid Package 4** is composed of the construction of seepage control improvements within the Metro East Sanitary District Levee System, from Station 1209+00 to 1242+00. This package also includes the construction of one (1) pump station.

**Bid Package 5** is composed of the construction of seepage control improvements within the Metro East Sanitary District Levee System.

**Bid Package 5A** is composed of the rehabilitation of approximately 245 linear feet of 126-inch round concrete sewer and the replacement of two sluice gates.

**Bid Package 6** is composed of the construction of seepage control improvements within the Prairie du Pont Drainage and Levee District and Fish Lake Drainage and Levee District Levee Systems.

**Bid Package 7A** is composed of the construction of a shallow cut-off wall and flush clay cap near the upstream portion of the Upper Wood River Levee System, from station 20+00 to 38+00.

**Bid Package 7B** is composed of the construction of a deep cut-off wall and protruding clay cap in the Lower Wood River Levee System, from station 132+00 to 170+00.

### 1.2 Amec Foster Wheeler Scope

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

- track program cost
- monitor program budget
- track program progress
- monitor program schedule
- complete earned value analysis, performance measurements and forecasting
- schedule and cost variance management and corrective action plans



### 1.3 Key Contacts / People

Program Manager	Jay Martin, PE, 615.333.0630 <a href="mailto:jay.w.martin@amecfw.com">jay.w.martin@amecfw.com</a>
Project Manager	Jon Omgig, AICP, 636.200.5118 <a href="mailto:jon.omvig@amecfw.com">jon.omvig@amecfw.com</a>
Engineer of Record (Civil)	Randy Cook Jr., PE, 636.200.5125 <a href="mailto:randy.cook@amecfw.com">randy.cook@amecfw.com</a>
Engineer of Record (Geotechnical)	Jo C. Tucker, PE, 502.442.4317 <a href="mailto:jo.tucker@amecfw.com">jo.tucker@amecfw.com</a>
Resident Project Representative	Kevin Williams, PMP, 618.401.7226 <a href="mailto:kevin.williams@amecfw.com">kevin.williams@amecfw.com</a>
Project Coordinator	Kendra Mitchom, 618.346.9120 <a href="mailto:kendra.mitchom@amecfw.com">kendra.mitchom@amecfw.com</a>

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

### 2.1 HSSE Reports

<b>Health/Safety</b>		
The Contractors continues to conduct weekly toolbox safety talks.		
<b>Security</b>		
Nothing to report this month		
<b>Environment (SWPPP)</b>		
Forms submitted as required		
<b>River Stage Restrictions</b>		
The USACE 408 permit dictates that excavations shall cease when the Mississippi River Stage is:		
<b>Bid Package</b>	<b>River Stage</b>	<b>River Elevation</b>
2A	17.0	396.94
2B	27.06	407.00
2C	15.03	394.97 (Mel Price)
3	16.0	411.48 (Mel Price)
4	25.0	404.94
5	25.0	404.94
5A	12.0	391.94
6	25.0	404.94
7A	21.52	417.0 (Mel Price)
7B	21.52	417.0 (Mel Price)

### 3. PROJECT STATUS UPDATE

#### 3.1 Bid Package 2A

##### 3.1.1 Calendar

Bid Date:	June 11, 2013
Contract executed	October 11, 2013
Schedule received	October 29, 2013
Anticipated start of field activities	January 22, 2014
Start of field activities	January 27, 2014
Completion date	<i>December 1, 2014</i>
Final Walk Through	Substantial completion August 12, 2014
Final Acceptance	<i>December 1, 2014</i>

##### 3.1.2 Progress

- Complete

##### 3.1.3 Property Acquisition

- Complete

##### 3.1.4 Levee Board Considerations

- Complete

##### 3.1.5 Submittals

- Complete

##### 3.1.6 Change Orders

- Complete

##### 3.1.7 QC/QA Activities

- Complete

##### 3.1.8 Considerations

- Complete

##### 3.1.9 Payment Progress

- Complete

### 3.2 Bid Package 2B

#### 3.2.1 Calendar

Bid Date:	October 1, 2013
Contract executed	December 16, 2013
Schedule received	December 17, 2013
Anticipated start of field activities	February 17, 2014
Start of field activities	March 2016
Contract completion date	Extend completion date beyond 12/31/16 with no set date. Time extension for Site 10 and 12 contingent upon Keller Construction completing their work first and allowing K&L at least 15 working days (M-F) per site to complete pipe replacement per Change Order 11 of Bid Package 2B. This is also contingent upon weather delays and river levels above 10 feet.
Final Walk Through	
Final Acceptance	

#### 3.2.2 Progress - Piping Change Order

- Pump Station Site 05 – 98% Complete.
- Pump Station Site 10 – 98% Complete.
- Pump Station Site 12 – 98% Complete.
- Pump Station Site 16 – 98% Complete.

#### 3.2.3 Property Acquisition

- None

#### 3.2.4 Levee Board Considerations

- None

#### 3.2.5 Submittals

- Complete

#### 3.2.6 Change Orders

- None

#### 3.2.7 QC/QA Activities

- None

#### 3.2.8 Considerations

- None

#### 3.2.9 Payment Progress

- See Contract Invoice Log attached

### 3.3 Bid Package 2C

#### 3.3.1 Calendar

Bid Date:	November 12, 2014
Contract executed	February 9, 2015
Schedule received	Posted in SharePoint
Anticipated start of field activities	October 15, 2015
Start of field activities	October 15, 2015
Contract completion date	April 29, 2016
Final Walk Through	September 1, 2016
Final Acceptance	September 16, 2016

#### 3.3.2 Progress

- Complete.

#### 3.3.3 Property Acquisition

- Complete

#### 3.3.4 Levee Board Considerations

- Complete

#### 3.3.5 Submittals

- Complete

#### 3.3.6 Change Orders

- Complete

#### 3.3.7 QC/QA Activities

- Complete.

#### 3.3.8 Payment Progress

- Complete.

### 3.4 Bid Package 3

#### 3.4.1 Calendar

Bid Date:	December 3, 2013
Contract executed	January 27, 2014
Schedule received	December 3, 2013
Anticipated start of field activities	As noted below.
Start of field activities	Varied
Contract completion date	<ul style="list-style-type: none"><li>• Upper Wood River is substantially complete.</li><li>• Lower Wood River – December 27, 2016 (final completion dependent on the BP 7B RW installation).</li><li>• Hawthorne Manhole Change Order – February 28, 2017</li></ul>
Final Walk Through	October 6, 2016 (Final inspection excluded relief well abandonments and Hartford change order)
Final Acceptance	

#### 3.4.2 Progress

- Project work is mostly complete with the exception of change orders.
  - Hawthorne 24" Sluice Gate Replacement to be completed this month.
- Relief well abandonments are awaiting Bid Package 7B relief well installation.

#### 3.4.3 Property Acquisition

- Complete.

#### 3.4.4 Levee Board Considerations

- Complete.

#### 3.4.5 Submittals

- Complete

#### 3.4.6 Change Orders

- Complete

#### 3.4.7 QC/QA Activities

- Complete

#### 3.4.8 Considerations

- Complete.

#### 3.4.9 Payment Progress

- See attached Contract invoice log

### 3.5 Bid Package 4

#### 3.5.1 Calendar

Bid Date:	December 3, 2013
Contract executed	February 6, 2014
Schedule received	December 3, 2013
Anticipated start of field activities	February 24, 2014
Start of field activities	March 17, 2014
Contract completion date	July 31, 2017
Final Walk Through	
Final Acceptance	

#### 3.5.2 Progress

- Five of 13 piezometer are installed. The remaining piezometer installation is on hold until the collection pipe is complete.
- Efforts continue to replace the HDPE Pipe with Reinforced Concrete Pipe for the Relief Well Collector System.
  - Pump Station Site 09 Collector System – 100% Complete
  - Conversion of existing relief wells from Type “D” to Type “T” ongoing.

#### 3.5.3 Property Acquisition

- Complete.

#### 3.5.4 Levee Board Considerations

- None

#### 3.5.5 Submittals

- Complete

#### 3.5.6 Change Orders

- Complete

#### 3.5.7 QC/QA Activities

- None

#### 3.5.8 Considerations

- None

#### 3.5.9 Payment Progress

- See Contract Invoice Log attached.

### 3.6 Bid Package 5

#### 3.6.1 Calendar

Bid Date:	December 3, 2013
Contract executed	January 27, 2014
Schedule received	December 3, 2013
Anticipated start of field activities	February 17, 2014
Start of field activities	February 17, 2014
Contract completion date	September 30, 2016 <i>(change orders will extend the final completion date)</i>
Final Walk Through	
Final Acceptance	

#### 3.6.2 Progress

- Efforts continue to replace the HDPE Pipe with Reinforced Concrete Pipe for Relief Well Collector Systems.
  - Site 10 collector system is 100% complete
  - Site 16 collector system is 100% complete
  - Site 12 collector system is 98% complete
- Clay Cap work will resume in spring 2017, weather dependent.

#### 3.6.3 Property Acquisition

- Complete

#### 3.6.4 Levee Board Considerations

- None.

#### 3.6.5 Submittals

- Complete

#### 3.6.6 Change Orders

- Complete

#### 3.6.7 QC/QA Activities

- Ongoing

#### 3.6.8 Considerations

- None

#### 3.6.9 Payment Progress

- See Contract Invoice Log attached.

### 3.7 Bid Package 5A

#### 3.7.1 Calendar

Bid Date:	November 08, 2016
Contract executed	December 08, 2016
Schedule received	January 09, 2017
Anticipated start of field activities	February 20, 2017
Start of field activities	
Contract completion date	March 17, 2017
Final Walk Through	
Final Acceptance	

#### 3.7.2 Progress

- Sluice Gate replacement in Prairie DuPont – 100% Complete.
- The contractor will mobilize as river levels allow to complete the East St. Louis sewer liner.

#### 3.7.3 Property Acquisition

- None.

#### 3.7.4 Levee Board Considerations

- None.

#### 3.7.5 Submittals

- Submittal process on-going

#### 3.7.6 Change Orders

- None.

#### 3.7.7 QC/QA Activities

- None.

#### 3.7.8 Considerations

- None

#### 3.7.9 Payment Progress

- None.



### 3.8 Bid Package 6

#### 3.8.1 Calendar

Bid Date:	June 11, 2013
Contract executed	October 3, 2013
Schedule received	October 31, 2013
Anticipated start of field activities	November 11, 2013
Start of field activities	November 19, 2013
Contract completion date	<i>Substantial completion: July 26, 2016; Final completion: September 6, 2016</i>
Final Walk Through	September 6, 2016
Final Acceptance	

#### 3.8.2 Progress

- All project work is complete.

#### 3.8.3 Property Acquisition

- None

#### 3.8.4 Levee Board Considerations

- None.

#### 3.8.5 Submittals

- Complete

#### 3.8.6 Change Orders

- Complete

#### 3.8.7 QC/QA Activities

- Complete

#### 3.8.8 Considerations

- None

#### 3.8.9 Payment Progress

- See Contract Invoice Log attached.

### 3.9 Bid Package 7A

#### 3.9.1 Calendar

Bid Date:	August 13, 2014
Contract executed	September 17, 2014
Schedule received	October 1, 2014
Anticipated start of field activities	October 6, 2014
Start of field activities	October 6, 2014
Anticipated completion date	June 26, 2015 (contract completion date).
Final Walk Through	July 10, 2015
Final Acceptance	The project is complete.

#### 3.9.2 Progress

- This project is complete.

#### 3.9.3 Property Acquisition

- Complete

#### 3.9.4 Levee Board Considerations

- None.

#### 3.9.5 Submittals

- Complete

#### 3.9.6 Change Orders

- Complete

#### 3.9.7 QC/QA Activities

- Complete

#### 3.9.8 Considerations

- None.

#### 3.9.9 Payment Progress

- Complete

### 3.10 Bid Package 7B

#### 3.10.1 Calendar

Bid Date:	August 13, 2014
Contract executed	September 12, 2014
Schedule received	June 19, 2015
Anticipated start of field activities	August 2015
Start of field activities	July 2015
Contract completion date	<i>Substantial completion June 26, 2016; Final completion September 23, 2016.</i>
Final Walk Through	9/20/16 Final Inspection (with exception of Relief Well work)
Final Acceptance	

#### 3.10.2 Progress

- Project complete except for the relief well installations.
- Contractor has installed 3 of the 7 relief wells.
- The contractor remobilized last month to complete the installation of relief wells. One relief well was installed but work has again been suspended due to high river levels.

#### 3.10.3 Property Acquisition

- Complete

#### 3.10.4 Levee Board Considerations

- None

#### 3.10.5 Submittals

- Complete

#### 3.10.6 Change Orders

- Complete

#### 3.10.7 QC/QA Activities

- Complete

#### 3.10.8 Considerations

- None.

#### 3.10.9 Payment Progress

- See Contract Invoice Log attached.





**CONTRACT INVOICE LOG**

**Contractor:** Korte & Luitjohan Contractors, Inc  
 12052 Highland Road  
 Highland, IL 62249

**Project:** SWILCD  
**Construction Package:** BP2B

**Original Contract Amount:** \$3,865,405.00  
**Change Order #1:** \$434.00 Monroe County Building Permit  
**Change Order #2:** \$7,965.00 Additional Road Aggregate  
**Change Order #3:** \$0.00 Fence and Aggregate Changes  
**Change Order #4:** \$8,570.00 Razor Wire on Fence per MESD Request  
**Change Order #5:** \$0.00 Contract Time Extension  
**Change Order #6:** \$50,600.00 Site 16 Duct Bank  
**Change Order #7:** \$4,760.00 Site 12 Existing Force Mains  
**Change Order #8:** \$74,200.00 Site 10 Electrical Changes  
**Change Order #9:** \$0.00 Time Extension  
**Change Order #10:** \$10,276.92 Site 12 Guard Rail  
**Change Order #11:** \$1,314,600.00 Pipe Material Change & Erosion Control  
**Change Order #12:** \$8,700.00 Fence Repair Site 5  
**Total Change Order Amount:** \$1,480,105.92  
**Total Revised Contract Amount:** **\$5,345,510.92**

Payment Request No.	Pay Request Date	Pay Request Recommended Approval Date	Total Completed and Store to Date	Cumulative Retained (10% to 50% then 5% to 95%)	Total Earned Less Retained	Current Payment Invoice	Date Paid by FPD	Estimate to Complete Including Retainage(\$)
1	2/5/2014	2/10/2014	\$51,750.00	\$5,175.00	\$46,575.00	\$46,575.00	2/18/2014	\$3,818,830.00
2	3/6/2014	3/13/2014	\$132,450.00	\$13,245.00	\$119,205.00	\$72,630.00	3/25/2014	\$3,746,634.00
3	3/31/2014	4/15/2014	\$504,300.00	\$50,430.00	\$453,870.00	\$334,665.00	4/22/2014	\$3,419,934.00
4	4/30/2014	5/13/2014	\$846,000.00	\$84,600.00	\$761,400.00	\$307,530.00	5/22/2014	\$3,112,404.00
5	5/31/2014	6/12/2014	\$1,295,000.00	\$129,500.00	\$1,165,500.00	\$404,100.00	6/19/2014	\$2,708,304.00
6	6/30/2014	7/14/2014	\$1,736,000.00	\$173,600.00	\$1,562,400.00	\$396,900.00	7/17/2014	\$2,311,404.00
7	7/31/2014	8/11/2014	\$2,180,100.00	\$205,850.00	\$1,974,250.00	\$411,850.00	8/19/2014	\$1,899,554.00
8	8/31/2014	9/8/2014	\$2,927,440.00	\$243,217.00	\$2,684,223.00	\$709,973.00	9/15/2014	\$1,198,151.00
9	9/30/2014	10/9/2014	\$3,144,000.00	\$255,524.00	\$2,888,476.00	\$204,253.00	10/16/2014	\$1,044,498.00
10	10/31/2014	11/7/2014	\$3,420,000.00	\$269,324.00	\$3,150,676.00	\$262,200.00	11/18/2014	\$787,058.00
11	11/30/2014	12/12/2014	\$3,648,600.00	\$282,764.00	\$3,365,836.00	\$215,160.00	12/18/2014	\$646,098.00
12	12/31/2014	1/12/2015	\$3,840,000.00	\$292,334.00	\$3,547,666.00	\$181,830.00	1/26/2015	\$464,268.00
13	1/31/2015	2/9/2015	\$3,897,320.00	\$295,200.00	\$3,602,120.00	\$54,454.00	2/18/2015	\$409,814.00
14	2/28/2015	3/10/2015	\$3,968,238.00	\$298,710.00	\$3,669,528.00	\$67,408.00	3/19/2015	\$342,406.00
15	3/31/2015	4/10/2015	\$4,011,934.00	\$200,596.00	\$3,811,338.00	\$141,810.00	4/16/2015	\$200,596.00
16	4/30/2015	5/12/2015	\$4,011,934.00	\$10,000.00	\$4,001,934.00	\$190,596.00	5/18/2015	\$20,276.92
17	7/31/2015	8/11/2015	\$4,022,210.92	\$10,000.00	\$4,012,210.92	\$10,276.92	8/20/2015	\$1,324,600.00
18	1/31/2016	2/11/2016	\$4,063,110.92	\$12,045.00	\$4,051,065.92	\$38,855.00	2/17/2016	\$1,285,745.00
19	2/29/2016	3/11/2016	\$4,078,810.92	\$12,830.00	\$4,065,980.92	\$14,915.00	3/17/2016	\$1,270,830.00
20	3/31/2016	4/14/2016	\$4,253,410.92	\$21,560.00	\$4,231,850.92	\$165,870.00	4/20/2016	\$1,113,660.00
21	7/31/2016	8/5/2016	\$4,443,410.92	\$31,060.00	\$4,412,350.92	\$180,500.00	8/15/2016	\$933,160.00
22	11/30/2016	12/13/2016	\$4,861,410.92	\$50,198.81	\$4,809,450.92	\$397,100.00	12/23/2016	\$536,060.00
23	12/31/2016	1/6/2017	\$4,954,638.29	\$56,186.37	\$4,898,451.92	\$89,001.00	1/19/2017	\$447,059.00
24	1/31/2017	2/3/2017	\$5,102,796.18	\$63,594.26	\$5,039,201.92	\$140,750.00	2/15/2017	\$306,309.00
25	2/28/2017	3/6/2017	\$5,182,817.24	\$67,595.32	\$5,115,221.92	\$76,020.00	3/14/2017	\$230,289.00
26	3/31/2017	4/10/2017	\$5,330,650.92	\$74,987.00	\$5,255,663.92	\$140,442.00		\$89,847.00

**TITLE: CONSTRUCTION CHANGE ORDER LOG**

**CLIENT:** Southwestern Illinois Flood Prevention District Council  
**PROJECT Bid Package 2B**

**PROJECT NUMBER:** SIFPDC-BP2B

Change Request Number	Description	Change Type (Field, Design, Spec, Other)	Cost to FPD	Cost to Others	As Bid Line Item #	Original Cost of Associated Line Item	% of Original Line Item	% of Original Contract	Date	Status	Comments
1	Building Permit	Field	\$434.00	\$0.00	2B.1	\$ 32,720.00	1.33%	0.01%	2/24/2014	Approved	Required by Monroe County
2	Additional Roadway Aggregate	Field	\$7,965.00	\$0.00	2B.3	\$ 171,825.00	4.64%	0.21%	3/18/2014	Approved	Required by Monroe County
3	Site 10, 12, 15 fence and aggregate changes	Field	\$0.00	\$0.00	NA	NA	0.00%	0.00%	8/12/2014	Approved	Field changes to enable constructability and provide maintenance ease
4	Razor Wire on Fence	Other	\$0.00	\$8,570.00	NA	NA	NA	0.22%	8/19/2014	Approved	Razor wire on fence at Site 10, 12, & 16 per MESD Levee District request; To be paid by MESD
5	Time Extension	Other	\$0.00	\$0.00	NA	NA	0.00%	0.00%	8/19/2014	Approved	Time extension for July 2014 weather/high river days that impeded construction
6*	Site 16 Duct Bank	Field	\$50,600.00	\$0.00	2B.55	\$ 23,990.00	210.92%	1.31%	9/29/2014	Approved	USACE required underground electrical service to pump station per Ameren; Ameren to credit FPD amount paid to Ameren for overhead lines; Board approval required
7	Site 15 Grating and Supports	Field	\$4,760.00	\$0.00		\$ 352,645.00	1.35%	0.12%	10/17/2014	Approved	Grating and support for Site 15 to enable functionality of the system
8*	Site 10 Electric Change	Field	\$74,200.00	\$0.00	2B.27	\$ 17,705.00	419.09%	1.92%	11/19/2014	Approved	Ameren requires upgrades to the existing pump station at Site 10. Board approval required
9	Time Extension	Other	\$0.00	\$0.00	NA	NA	0.00%	0.00%	12/2/2014	Approved	Request for Time Extension to move our completion date to 4/15/15 due to the contract documents for Bid Package 2B contractor is only allowed to work at Site 12 between October 15th to March 15th.
10	Site 12 Guard Rail	Field	\$10,276.92	\$0.00	NA	NA	NA	0.27%	4/17/2015	Approved	Install approximately 74 LF of FRP handrails per the attached drawings for OSHA compliance
11*	Pipe Material Change - Sites 5, 10, 12, 16; Erosion Control Sites 9, 10, 16	Other	\$1,314,600.00	\$0.00	NA	NA	NA	34.01%	12/3/2015	Approved	Pump station sites 5, 10, 12, 16 pipe replacement to meet the Authorized Level flood event design
12*	Fence Repair Site 5	Field	\$8,700.00	\$0.00	NA	NA	NA	0.23%	3/17/2016	Approved	Fence Repair Site 5
	<b>Total of Project Change Orders</b>		<b>\$1,471,535.92</b>	<b>\$8,570.00</b>						<b>Total</b>	<b>\$ 1,480,105.92</b>
	<b>Original Contract Amount</b>										
	<b>Revised Contract Amount</b>		<b>5,345,510.92</b>								
				<b>% Change from Original Amount</b>							
								<b>38.29%</b>			

Approved

\*Board approval required





**TITLE: CONSTRUCTION CHANGE ORDER LOG**

**CLIENT:** Southwestern Illinois Flood Prevention District Council  
**PROJECT Bid Package 2C**

**PROJECT NUMBER:** SIFPDC-BP2C

Change Request Number	Description	Change Type (Field, Design, Spec, Other)	Cost to FPD	Cost to Others	As Bid Line Item #	Original Cost of Associated Line Item	% of Original Line Item	% of Original Contract	Date	Status	Comments
1	Flood Damages	Other	\$3,390.00	\$0.00	NA	NA	NA	1.20%	6/7/2016	Approved	December 2015 flood event
2	Clay Fill Material Overage	Field	\$26,670.00	\$0.00	2C.26	\$ 10,800.00	246.94%	9.47%	8/17/2016	Approved	Clay Fill Material Overage; Board approval required
3											
4											
5											
6											
7											
8											
9											
10											
<b>Total of Project Change Orders</b>			<b>\$30,060.00</b>	<b>\$0.00</b>						<b>Total</b>	<b>\$ 30,060.00</b>
<b>Original Contract Amount</b>			<b>\$281,632.00</b>								
<b>Revised Contract Amount</b>			<b>311,692.00</b>								
				<b>% Change from Original Amount</b>							
					<b>10.67%</b>						Approved

\*Board approval required

**CONTRACT INVOICE LOG**

**Contractor:** Keller Construction, Inc.  
22 Illini Drive  
Glen Carbon, IL 62034

**Project:** SWILCD  
**Construction Package:** BP03

<b>Original Contract Amount:</b>	\$ 10,082,345.00	
<b>Change Order 1</b>	\$ 1,000.00	IDOT Permit
<b>Change Order 2</b>	\$ 16,600.00	PZ 39 Relocate
<b>Change Order 3</b>	\$ 11,361.00	Russell Commons Fence R&R
<b>Change Order 4</b>	\$ 2,245.60	Hydro Excavating
<b>Change Order 5</b>	\$ 3,071.25	Additional RW Permits
<b>Change Order 6</b>	\$ 278,694.99	RR3 for Blanket Drains
<b>Change Order 7</b>	\$ 57,436.00	Indian Creek Extra Rip Rap
<b>Change Order 8</b>	\$ (5,820.00)	Credit to Remove Vacuum Testing of Manholes
<b>Change Order 9</b>	\$ 558,086.80	Hawthorne Changes North & South including Ameren
<b>Change Order 10</b>	\$ 477,917.72	Blanket Drain 2 Revisions
<b>Change Order 11</b>	\$ (59.97)	Credit for Blanket Drain 1 Revisions
<b>Change Order 12</b>	\$ 60,362.00	Toe Wall and Handrails Wiers 2, 3, and 4
<b>Change Order 13</b>	\$ 6,825.00	Additional Pollution Coverage UPRR
<b>Change Order 14</b>	\$ 28,950.00	Pilot Hole Drilling
<b>Change Order 15</b>	\$ (9,729.58)	Hawthorne Pipe Changes
<b>Change Order 16</b>	\$ 132,710.00	Russell Commons Buried Waste Part A & B
<b>Change Order 17</b>	\$ 257,694.47	Relief Well Construction Obstructions
<b>Change Order 18</b>	\$ 17,403.75	Tree Mitigation
<b>Change Order 19</b>	\$ 15,620.78	Relief Well 1016 1064 1065 Modifications
<b>Change Order 20</b>	\$ 111,256.88	Relief Well Construction Obstructions
<b>Change Order 21</b>	\$ 108,620.79	Relief Well Construction Obstructions
<b>Change Order 22</b>	\$ 40,618.82	Russell Commons Buried Waste Part A Deduct & Part C
<b>Change Order 23</b>	\$ (35,779.00)	Credit for Delete PZs_Add Bollards
<b>Change Order 24</b>	\$ 103,824.76	Relief Well Construction Obstructions RW 1069-1073 Weir 4 Handrail; Wagon Wheel Bore Shoring, Excavation, and Removal of Abandoned Line;
<b>Change Order 25</b>	\$ 113,188.00	Hawthorne impacted material near Weir 3
<b>Change Order 26</b>	\$ (135,402.86)	Credit Farm Ditch Revision and Random Fill 1
<b>Change Order 27</b>	\$ 493,474.58	Blanket Drain 4 Revisions
<b>Change Order 28</b>	\$ 125,536.21	Relief Well Construction Obstruction RW 1069-1073
<b>Change Order 29</b>	\$ (29,887.27)	Wagon Wheel Bore
<b>Change Order 30</b>	\$ (8,793.84)	Credit Relief Well Floor Drain Elimination/Plugging
<b>Change Order 31</b>	\$ 149,482.00	Hartford Sluice Gate and Manhole Replacement
<b>Change Order 32</b>	\$ 11,268.24	Flood Prevention Efforts June 2015; Russell Commons Park Imported Fill
<b>Change Order 33</b>	\$ (11,273.20)	Blanket Drain 4 End Section Credit
<b>Change Order 34</b>	\$ (138,005.38)	Credit Relief Well Quantity Adjustments
<b>Change Order 35</b>	\$ -	Time Extension for weather/river delay & Hawthorne Manhole
<b>Change Order 36</b>	\$ 12,140.80	Additional Grading Work - Losch Farm
<b>Change Order 37</b>	\$ (7,776.02)	Credit Balancing Quantities Pilot Holes, PZ, 12in CMP
<b>Change Order 38</b>	\$ 88,962.12	Random Fill #2 Ditch; Losch Pond Ditch Imported Clay
<b>Total Change Order Amount:</b>	\$2,901,825.44	
<b>Total Revised Contract Amount:</b>	<b>\$12,984,170.44</b>	

Payment Request No.	Pay Request Date	Pay Request Recommended Approval Date	Total Completed to Date (\$)	Amount Retained (10% to 50%) then (5% to 95%)	Total Earned Less Retainage (\$)	Amount Invoiced (\$)	Date Paid by FPD	Estimate to Complete Including Retainage (\$)
1	2/28/2014	4/15/2014	\$249,000.00	\$24,900.00	\$224,100.00	\$224,100.00	4/22/2014	\$9,858,245.00
2	5/31/2014	6/4/2014	\$250,000.00	\$25,000.00	\$225,000.00	\$900.00	6/19/2014	\$9,858,345.00
3	8/31/2014	9/8/2014	\$376,066.83	\$37,606.68	\$338,460.15	\$113,460.15	9/15/2014	\$9,744,884.85
4	9/30/2014	10/3/2014	\$467,927.21	\$46,792.72	\$421,134.49	\$82,674.34	10/16/2014	\$9,678,810.51
5	10/31/2014	11/11/2014	\$710,218.88	\$71,021.89	\$639,196.99	\$218,062.50	11/18/2014	\$9,477,425.86
6	11/30/2014	12/11/2014	\$1,014,409.54	\$101,440.97	\$912,968.57	\$273,771.58	12/18/2014	\$9,539,785.27
7	12/31/2014	1/15/2015	\$1,365,095.95	\$136,509.61	\$1,228,586.34	\$315,617.77	1/26/2015	\$9,224,167.50
8	1/31/2015	2/6/2015	\$1,684,373.38	\$168,437.36	\$1,515,936.02	\$287,349.68	2/18/2015	\$8,930,997.82
9	2/28/2015	3/6/2015	\$2,291,243.38	\$229,124.37	\$2,062,119.01	\$546,182.99	3/19/2015	\$8,384,814.83
10	3/31/2015	4/10/2015	\$2,960,453.69	\$296,045.42	\$2,664,408.27	\$602,289.26	4/16/2015	\$8,340,612.37
11	4/30/2015	5/10/2015	\$3,387,089.05	\$338,708.97	\$3,048,380.08	\$383,971.81	5/18/2015	\$8,494,860.31
12	5/31/2015	6/11/2015	\$4,044,518.10	\$404,451.87	\$3,640,066.23	\$591,686.15	6/16/2015	\$7,903,174.16
13	6/30/2015	7/9/2015	\$4,748,651.45	\$474,865.21	\$4,273,786.24	\$633,720.01	7/14/2015	\$7,269,454.15
14	7/31/2015	8/11/2015	\$4,975,167.70	\$497,516.83	\$4,477,650.87	\$203,864.63	8/20/2015	\$7,065,589.52
15	8/31/2015	9/11/2015	\$5,669,386.46	\$566,938.72	\$5,102,447.74	\$624,796.87	9/16/2015	\$6,476,567.65
16	9/30/2015	10/9/2015	\$6,896,917.07	\$689,691.78	\$6,207,225.29	\$1,104,777.55	10/21/2015	\$5,752,464.99
17	10/16/2015	10/28/2015	\$7,386,596.95	\$738,659.77	\$6,647,937.18	\$440,711.89	11/3/2015	\$5,456,034.51
18	10/31/2015	11/13/2015	\$8,269,013.54	\$413,450.71	\$7,855,562.83	\$1,207,625.65	11/17/2015	\$4,357,029.65
19	11/15/2015	12/4/2015	\$8,346,301.68	\$417,315.12	\$7,928,986.56	\$73,423.73	12/10/2015	\$4,324,224.74
20	11/30/2015	12/28/2015	\$8,778,734.65	\$489,987.55	\$8,288,747.10	\$359,760.54	12/31/2016	\$3,928,685.20

Payment Request No.	Pay Request Date	Pay Request Recommended Approval Date	Total Completed to Date (\$)	Amount Retained (10% to 50%) then (5% to 95%)	Total Earned Less Retainage (\$)	Amount Invoiced (\$)	Date Paid by FPD	Estimate to Complete Including Retainage (\$)
21	12/31/2015	1/11/2016	\$8,888,544.52	\$498,712.65	\$8,389,831.87	\$101,084.77	1/20/2016	\$3,827,600.43
22	1/31/2016	2/8/2016	\$9,002,576.95	\$508,695.88	\$8,493,881.07	\$104,049.20	2/17/2016	\$3,723,551.23
23	2/29/2016	3/10/2016	\$9,690,470.24	\$502,088.79	\$9,188,381.45	\$694,500.38	3/17/2016	\$3,132,875.61
24	3/31/2016	4/14/2016	\$10,753,362.39	\$554,699.89	\$10,198,662.50	\$1,010,281.05	4/20/2016	\$2,719,390.49
25	4/30/2016	5/12/2016	\$11,194,941.66	\$570,893.11	\$10,624,048.55	\$425,386.05	5/17/2016	\$2,294,004.44
26	5/31/2016	6/10/2016	\$11,448,599.71	\$591,271.28	\$10,857,328.43	\$233,279.88	6/16/2016	\$2,030,837.29
27	6/30/2016	7/7/2016	\$12,210,826.40	\$611,843.66	\$11,598,982.74	\$741,654.31	7/15/2016	\$1,280,389.14
28	7/31/2016	8/2/2016	\$12,293,289.38	\$615,296.07	\$11,677,993.31	\$79,010.57	8/15/2016	\$1,350,855.61
29	8/31/2016	9/9/2016	\$12,602,657.72	\$630,132.87	\$11,972,524.85	\$294,531.54	9/20/2016	\$918,318.69
30	9/30/2016	10/6/2016	\$12,624,277.76	\$631,213.87	\$11,993,063.89	\$20,539.04	10/11/2016	\$909,920.45
31	10/31/2016	11/9/2016	\$12,644,262.82	\$19,191.40	\$12,625,071.42	\$632,007.53	11/16/2016	\$270,136.90
32	1/31/2017	2/1/2017	\$12,674,950.86	\$21,653.16	\$12,653,297.70	\$28,226.28	2/15/2017	\$330,872.74
33	2/28/2017	3/3/2017	\$12,899,373.38	\$31,766.18	\$12,867,607.20	\$214,309.50	3/14/2017	\$116,563.24

**TITLE: CONSTRUCTION CHANGE ORDER LOG**

**CLIENT:** Southwestern Illinois Flood Prevention District Council  
**PROJECT:** Bid Package 03

**PROJECT NUMBER:** SIFPDC-BP03

Change Request Number	Description	Change Type (Field, Design, Spec, Other)	Cost to FPD	Cost to Others	As Bid Line Item #	Original Cost of Associated Line Item	% of Original Line Item	% of Original Contract	Date	Status	Comments
1	IDOT Permit	Other	\$1,000.00	\$0.00	3.01	\$ 498,000.00	0.20%	0.01%	5/21/2014	Approved	IDOT Required Permit
2	Piezometer 39 Relocate	Field	\$16,600.00	\$0.00	3.30	\$ 307,224.00	5.40%	0.16%	9/18/2014	Approved	Post bid design change to enable more effective operability
3	Russell Commons Fence Remove and Replace	Field	\$11,361.00	\$0.00	NA	NA	NA	0.11%	10/2/2014	Approved	Remove and replace fence installed by property owner post bid
4	Additional Hydro Excavating	Field	\$2,245.60	\$0.00	3.39	\$ 1,884,009.24	0.12%	0.02%	10/8/2014	Approved	Due to the relocation of RW's 1077 to 1080, added costs for hydro excavation
5	Permits for relief well conversions due to change with IL Public Health Dept	Other	\$3,071.25	\$0.00	3.37	\$ 82,812.00	3.71%	0.03%	10/22/2014	Approved	Permits for relief well conversions due to change with IL Public Health Dept
6*	RR3 Material for Blanket Drains-pending verifying material	Field	\$278,694.99	\$0.00	3.08-3.14	\$ 2,034,478.00	13.70%	2.76%	11/19/2014	Approved	Blanket Drains material change from CA1 to RR3 to improve effectiveness; Change requires Board approval
7*	Indian Creek Rip Rap	Field	\$57,436.00	\$0.00	3.40	\$ 193,713.36	29.65%	0.57%	11/19/2014	Approved	Due to the extreme scour of the banks and creek bed since the time of the original design, in order for the per plan design to be constructed, it is going to require a substantial amount of additional rip rap RR4 to be placed. Board approval required
8	Credit-Remove Vacuum Testing of Manholes	Other	\$ (5,820.00)	\$0.00	3.29	\$ 37,896.00	-15.36%	-0.06%	2/2/2015	Approved	PCN approved to remove the requirements for ASTM C1244 Standard Test Method for Concrete Sewer
9*	Hawthorne Changes North & South including Ameren	Other	\$558,086.80	\$0.00	3.04 3.06 3.07 3.02	\$ 1,884,009.24	29.62%	5.54%	2/18/2015	Approved	Change Description submitted in change order memo for Board approval 2/18/15
10*	Blanket Drain 2 Revisions & RW 1077 to 1080 Changes	Other	\$477,917.72	\$0.00	3.09 3.16 3.23 3.25			4.74%	2/18/2015	Approved	Change Description submitted in change order memo for Board approval 2/18/15; change order pending credit before processing
11	Blanket Drain 1 Revisions	Other	\$ (59,97)	\$0.00	3.08	\$ 15,160.00	-0.40%	0.00%	2/26/2015	Approved	Revised limits of Blanket Drain 1 and change surface aggregate material
12*	Toe Wall and Handrails Wiers 2, 3, and 4	Field	\$ 60,362.00	\$0.00	3.48 3.49 3.50	\$ 381,000.00	15.84%	0.60%	4/15/2015	Approved	Toe wall for additional structural support due to the field conditions and soil types the weirs are being installed in. The toe walls were added to mitigate this potential failure. Handrails were added to the weirs as a result of OSHA regulations and for added maintenance personnel safety during inspections and flood events.
13*	Additional Pollution Coverage UPRR	Other	\$ 6,825.00	\$0.00	3.01	\$ 498,000.00	1.37%	0.07%	8/19/2015	Approved	Additional Pollution Coverage required by Union Pacific Railroad
14*	Pilot Hole Drilling	Other	\$ 28,950.00	\$0.00	3.32	\$ 147,604.20	19.61%	0.29%	8/19/2015	Approved	Actual field conditions may vary and it is recommended by the project geotechnical lead to add to this number for potential field variations. Therefore the anticipated pilot hole increase is for an additional 300 feet. Board approval required
15*	Hawthorne Pipe Changes	Field	\$ (9,729.58)	\$0.00	3.18 3.20 3.23 3.25	\$ 414,895.57	-2.35%	-0.10%	9/16/2015	Approved	Hawthorne Pipe Changes; Board approval required
16*	Russell Commons Buried Waste Part A & B	Field	\$ 132,710.00	\$0.00	NA	NA	NA	1.32%	9/16/2015	Approved	Russell Commons Buried Waste backfill, testing, material handling; Board approval required
17*	Relief Well Construction	Other	\$257,694.47	\$0.00	3.38 3.39	\$ 3,507,071.90	7.35%	2.56%	10/9/2015	Approved	RW Construction Obstruction due to Cobble Layer; Board approval required; 3/18/15 Board approved budget
18*	Tree Mitigation	Other	\$17,403.75	\$0.00	NA	NA	NA	0.17%	10/22/2015	Approved	Tree Replacement Plan for Trees Removed Within the IDOT ROW
19*	Relief Well 1016, 1064, 1065 Modifications	Field	\$15,620.78	\$0.00	3.38 3.39	\$ 3,507,071.90	0.45%	0.15%	10/22/2015	Approved	Relief Well 1016, 1064, 1065 Modifications
20*	Relief Well Construction	Other	\$111,256.88	\$0.00	3.38 3.39	\$ 3,507,071.90	3.17%	1.10%	10/27/2015	Approved	RW Construction Obstruction due to Cobble Layer; Board approval required; 3/18/15 Board approved budget
21*	Relief Well Construction	Other	\$108,620.79	\$0.00	3.38 3.39	\$ 3,507,073.90	3.10%	1.08%	11/13/2015	Approved	RW Construction Obstruction due to Cobble Layer; Board approval required; 3/18/15 Board approved budget

**TITLE: CONSTRUCTION CHANGE ORDER LOG**

**CLIENT:** Southwestern Illinois Flood Prevention District Council  
**PROJECT:** Bid Package 03

**PROJECT NUMBER:** SIFPDC-BP03

Change Request Number	Description	Change Type (Field, Design, Spec, Other)	Cost to FPD	Cost to Others	As Bid Line Item #	Original Cost of Associated Line Item	% of Original Line Item	% of Original Contract	Date	Status	Comments	
22*	Russell Commons Buried Waste Part A Deduct & Part C	Field	\$40,618.82	\$0.00	NA	NA	NA	0.40%	11/19/2015	Approved	Russell Commons Buried Waste removal (part of ROM estimate given at the 9/16/15 Board meeting)	
23	Delete Duplicate PZ's Per PCN-044 (Credit)	Field	\$ (35,779.00)	\$0.00	3.30 3.31	\$ 506,016.00	-7.07%	-0.35%	12/16/2015	Approved	Credit for deletion of duplicate piezometers	
24	Relief Well Construction Obstruction RW 1069-1073	Other	\$ 103,824.76	\$0.00	3.38 3.39	\$ 3,507,073.90	2.96%	1.03%	3/4/2016	Approved	RW Construction Obstruction due to Cobble Layer; Board approval required; 1/20/16 Board approved budget	
25*	Weir 4 Handrail; Wagon Wheel Bore Shoring, Excavation, and Removal of Abandoned Line; Hawthorne impacted material near Weir 3	Field	\$ 113,188.00	\$0.00	NA	NA	NA	1.12%	3/16/2016	Approved	Weir 4 Handrail; Wagon Wheel Bore Shoring, Excavation, and Removal of Abandoned Line; Hawthorne impacted material near Weir 3; Contract Time Extended to 9/30/16	
26*	Farm Ditch Revision and Random Fill 1	Field	\$ (135,402.86)	\$0.00	3.33	\$ 433,434.89	-31.24%	-1.34%	3/16/2016	Approved	Farm Ditch Revision and Random Fill 1	
27*	Blanket Drain 4 revisions	Other	\$ 493,474.58	\$0.00	3.44	\$ 350,747.77	140.69%	4.89%	3/16/2016	Approved	Blanket Drain 4 revisions	
28	Relief Well Construction Obstruction RW 1069-1073	Field	\$ 125,536.21	\$0.00	3.38 3.39	\$ 3,507,073.90	3.58%	1.25%	3/31/2016	Approved	RW Construction Obstruction due to Cobble Layer; Board approval required; 1/20/16 Board approved budget	
29	Wagon Wheel Road Tunnel	Field	\$ (29,887.27)	\$0.00	3.16 3.24 3.25 3.28	\$ 107,253.77	-27.87%	-0.30%	4/1/2016	Approved	Credit for Wagon Wheel Road Tunnel revisions	
30	Credit Relief Well Floor Drain Elimination/Plugging	Field	\$ (8,793.84)	\$0.00	3.38 3.39	\$ 3,507,073.90	-0.25%	-0.09%	6/15/2016	Approved	Credit for deletion of relief well floor drains	
31*	Hartford Sluice Gate and Manhole Replacement	Other	\$ 149,482.00	\$0.00	NA	NA	NA	1.48%	7/20/2016	Approved	Hartford Sluice Gate and Manhole Replacement; Board approval required	
32*	Flood Prevention Efforts June 2015; Russell Commons Park Imported Fill	Field	\$ 11,268.24	\$0.00	NA	NA	NA	0.11%	7/20/2016	Approved	Flood Prevention Efforts June 2015; Russell Commons Park Imported Fill; Board approval required	
33*	Blanket Drain 4 End Section Credit	Field	\$ (11,273.20)	\$0.00	3.11	\$ 94,800.00	-11.89%	-0.11%	7/20/2016	Approved	Blanket Drain 4 End Section Credit	
34*	Credit Relief Well Quantity Adjustments	Field	\$ (138,005.38)	\$0.00	3.38 3.39	\$ 3,507,073.90	-3.94%	-1.37%	8/17/2016	Approved	Credit Relief Well Quantity Adjustments	
35	Time Extension for weather/river delay & Hawthorne Manhole	Other	\$ -	-\$0.00	NA	NA	NA	0.00%	9/9/2016	Approved	Time Extension to 12/31/16 for weather/river delay & Hawthorne Manhole time extension to 2/28/17	
36*	Additional Grading Work - Losch Farm	Field	\$ 12,140.80	\$0.00	NA	NA	NA	0.12%	9/21/2016	Approved	Additional Grading Work - Losch Farm	
37	Credit Balancing Quantities Pilot Holes, PZ, 12in CMP	Other	\$ (7,776.02)	\$0.00	NA	NA	NA	-0.08%	10/26/2016	Approved	Credit Balancing Quantities Pilot Holes, PZ, 12in CMP	
38	Random Fill #2 Ditch; Losch Pond Ditch Imported Clay	Other	\$ 88,962.12	\$0.00	3.34	\$ 295,589.25	30.10%	0.88%	1/18/2017	Approved	Random Fill #2 Ditch; Losch Pond Ditch Imported Clay	
<b>Total</b>											<b>\$</b>	<b>2,901,825.44</b>

**Original Contract Amount** \$10,082,345.00  
**Revised Contract Amount** 12,984,170.44  
**% Change from Original Amount** 28.78%

\*Board approval required

**CONTRACT INVOICE LOG**

**Contractor:** Haier Plumbing  
 301 North Elkton Street, P. O. Box 400  
 Okawville, IL 62271

**Project:** SWILCD  
**Construction Package:** BP04

<b>Original Contract Amount:</b>	\$3,190,232.45	
<b>Change Order #1:</b>	\$8,196.30	Flyght Pump & Locking Sewer Lids per MESD
<b>Change Order #2:</b>	\$949.90	Fence Polycarbonate
<b>Change Order #3:</b>	\$10,488.00	Fence Grounding per Ameren
<b>Change Order #4:</b>	\$1,533.00	2 Additional Posts in Concrete per Phillips 66 Request
<b>Change Order #5:</b>	\$2,127.35	Time and material for new fence grounding
<b>Change Order #6:</b>	\$2,402.40	Per MESD Request
<b>Change Order #7:</b>	\$0.00	Contract Time Extension
<b>Change Order #8:</b>	\$1,656.00	2" Well Point SS Pipe
<b>Change Order #9:</b>	\$54,680.20	Site 9 Electrical Changes
<b>Change Order #10:</b>	\$35,602.21	Work Stoppage due to Soil Testing
<b>Change Order #11:</b>	\$80,046.18	Relief Well Construction Obstruction due to Cobble
<b>Change Order #12:</b>	\$0.00	Contract Time Extension to June 30, 2015
<b>Change Order #13:</b>	\$8,981.67	Relief Well 141XB Re-Design
<b>Change Order #14:</b>	\$948.75	Offset Outfall Line of RW 153X
<b>Change Order #15:</b>	\$79,051.00	Clay Cap Benching and Key Volume (3,437 CY)
<b>Change Order #17:</b>	\$2,882,782.25	Pipe Material Change
<b>Change Order #18:</b>	\$13,660.00	Flood Event Emergency Pumping at Site 9
<b>Change Order #19:</b>	-\$29,295.61	Relief Well Quantity Rectification Credit
<b>Change Order #20:</b>	\$23,943.00	CA06 Rock Placement; Clay Cap Blanket and Loss Time
<b>Change Order #21:</b>	\$108,620.00	Clay Cap Bridge; Contract Time Extension to 3/31/17
<b>Change Order #22:</b>	-\$10,656.00	Relief Well Floor Drains and Casing Pipe Supports Credit
<b>Change Order #23:</b>	-\$2,400.00	Credit PZ Abandonments & Time Extension to 7/31/17
<b>Change Order #24:</b>	\$51,807.50	Relief Well Conversions Concrete Seals
<b>Total Change Order Amount:</b>	\$3,325,124.10	
<b>Total Revised Contract Amount:</b>	<b>\$6,515,356.55</b>	

Payment Request No.	Pay Request Date	Pay Request Recommended Approval Date	Total Completed to Date (\$)	Amount Retained (10% to 50%) then (5% to 95%)	Total Earned Less Retained (\$)	Amount Invoiced (\$)	Date Paid by FPD	Estimate to Complete Including Retainage (\$)
1	4/11/2014	4/15/2014	\$259,243.33	\$25,924.33	\$233,319.00	\$233,319.00	4/22/2014	\$2,965,109.75
2	6/11/2014	6/12/2014	\$269,731.33	\$26,973.13	\$242,758.20	\$9,439.20	6/19/2014	\$2,967,108.45
3	8/5/2014	8/11/2014	\$325,641.68	\$32,564.17	\$293,077.51	\$50,319.32	8/14/2014	\$2,920,449.49
4	10/1/2014	10/9/2014	\$970,413.05	\$97,041.31	\$873,371.75	\$580,294.24	10/13/2014	\$2,344,213.65
5	11/10/2014	11/11/2014	\$1,576,916.93	\$157,691.69	\$1,419,225.24	\$545,853.49	11/14/2014	\$1,798,360.16
6	12/9/2014	12/11/2014	\$1,805,617.83	\$180,561.78	\$1,625,056.05	\$205,830.81	12/18/2014	\$1,647,209.55
7	1/7/2015	1/13/2015	\$1,981,951.82	\$198,195.18	\$1,783,756.65	\$158,700.59	1/26/2015	\$1,488,508.95
8	1/31/2015	2/6/2015	\$2,353,390.85	\$235,339.09	\$2,118,051.77	\$334,295.13	2/13/2015	\$1,269,862.22
9	2/27/2015	3/9/2015	\$2,402,889.49	\$240,288.95	\$2,162,600.54	\$44,548.77	3/19/2015	\$1,225,313.45
10	3/31/2015	4/10/2015	\$2,512,569.69	\$251,256.97	\$2,261,312.72	\$98,712.18	4/16/2015	\$1,136,531.69
11	4/30/2015	5/12/2015	\$2,599,540.09	\$259,954.01	\$2,339,586.08	\$78,273.36	5/18/2015	\$1,058,258.33
12	6/30/2015	7/7/2015	\$2,608,521.08	\$260,852.12	\$2,347,668.96	\$8,082.50	7/9/2015	\$1,050,175.45
13	9/10/2015	9/14/2015	\$2,815,521.76	\$281,552.18	\$2,533,969.58	\$186,300.00	9/14/2015	\$942,925.83
14	2/5/2016	2/11/2016	\$2,928,221.76	\$292,822.18	\$2,635,399.58	\$101,430.00	2/17/2016	\$3,737,938.08
15	4/30/2016	5/12/2016	\$3,111,701.76	\$301,996.18	\$2,809,705.58	\$174,306.00	5/16/2016	\$3,563,632.08
16	8/2/2016	8/9/2016	\$3,135,644.76	\$160,867.24	\$2,974,777.52	\$165,071.94	8/10/2016	\$3,393,207.53
17	11/4/2016	11/8/2016	\$3,397,154.76	\$174,192.74	\$3,222,962.02	\$248,184.50	11/16/2016	\$3,253,643.03
18	12/2/2016	12/7/2016	\$3,427,154.76	\$177,192.74	\$3,249,962.02	\$27,000.00	12/12/2016	\$3,226,643.03
19	1/6/2017	1/10/2017	\$3,640,688.76	\$195,800.64	\$3,444,888.12	\$194,926.10	1/12/2017	\$3,031,716.93
20	2/3/2017	2/7/2017	\$3,945,234.71	\$206,565.74	\$3,738,668.97	\$293,780.85	2/7/2017	\$2,727,280.08
21	3/5/2017	3/6/2017	\$4,750,460.01	\$246,836.12	\$4,503,623.89	\$764,954.92	3/6/2017	\$1,962,325.16
22	3/31/2017	4/6/2017	\$5,773,126.96	\$300,471.64	\$5,472,655.32	\$969,031.43		\$1,042,701.23

**TITLE: CONSTRUCTION CHANGE ORDER LOG**

**CLIENT:** Southwestern Illinois Flood Prevention District Council  
**PROJECT:** Bid Package 04

**PROJECT NUMBER:** SIFPDC-BP04

Change Request Number	Description	Change Type (Field, Design, Spec, Other)	Cost to FPD	Cost to Others	As Bid Line Item #	Original Cost of Associated Line Item	% of Original Line Item	% of Original Contract	Date	Status	Comments
1	Flight Pump and Locking Sewer Lids	Other	\$0.00	\$8,196.30	4.27	\$ 222,500.00	3.68%	0.26%	3/11/2014	Approved	To be paid by MESD Levee District
2	PVC Fence Panel Fillers	Field	\$949.90	\$0.00	4.22	\$ 140,360.00	0.68%	0.03%	4/4/2014	Approved	To accommodate field condition
3	Furnish and Install Fence Grounding	Field	\$10,488.00	\$0.00	4.22	\$ 140,360.00	7.47%	0.33%	4/17/2014	Approved	Ameren required fence to be grounded; grounding to be every 200ft with 20ft ground rod
4	2 Additional Posts in Concrete per Phillips 66 Request	Field	\$1,533.00	\$0.00	4.22	\$ 140,360.00	1.09%	0.05%	6/17/2014	Approved	2 Additional posts per P66 request
5	Time and material for new fence grounding	Field	\$2,127.35	\$0.00	4.22	\$ 140,360.00	1.52%	0.07%	7/17/2014	Approved	Change order for additional grounding needed as requested by Phillips 66; Time and material
6	Razor Wire on Fence	Other	\$0.00	\$2,402.40	NA	NA	NA	0.08%	8/20/2014	Approved	Razor wire on fence at pump station per MESD Levee District request; to be paid by MESD Levee District
7	Time Extension Request for Fence Delay and High River	Other	\$0.00	\$0.00	NA	NA	NA	0.00%	8/27/2014	Approved	Contract time extension of 43 working days due to security fence approval delay and high river level days that impeded construction
8	Well Point Stainless Steel Pipe diameter change 1-1/4" to 2"	Field	\$1,656.00	\$0.00	4.16	\$ 878,900.00	0.19%	0.05%	9/15/2014	Approved	Well point stainless steel pipe diameter change from 1-1/4" to 2" to improve operability/constructability.
9*	Site 9 Electrical Changes	Other	\$54,680.20	\$0.00	4.28	\$ 222,500.00	24.58%	1.71%	11/19/2014	Approved	Ameren requires upgrades to the existing pump station at Site 9. Board approval required
10	Work stoppage for impacted soil	Other	\$35,602.21	\$0.00	NA	NA	NA	1.12%	1/8/2015	Approved	Work stopped to perform testing due to encountering hydrocarbon odor
11	RW Construction Obstruction	Field	\$80,046.18	\$0.00	4.16	\$ 878,900.00	9.11%	2.51%	1/15/2015	Approved	RW Construction Obstruction due to Cobble Layer during drilling
12	Contract Time Extension	Other	\$0.00	\$0.00	NA	NA	NA	0.00%	2/10/2015	Approved	Contract time extension to June 30, 2015
13	RW 141XB Re-design	Field	\$8,981.67	\$0.00	4.16	\$ 878,900.00	1.02%	0.28%	2/17/2015	Approved	60-slot RW re-design to 40-slot
14	Off-setting Outfall Line of RW 153X	Field	\$948.75	\$0.00	4.16	\$ 878,900.00	0.11%	0.03%	3/6/2015	Approved	Off-setting Outfall Line of RW 153X
15	Clay Cap Benching and Key Volume (3,437 CY)	Other	\$79,051.00	\$0.00	NA	NA	NA	2.48%	8/24/2015	Approved	Clay Cap Benching and Key Volume (3,437 CY) The Clay quantity for the benching was not included in the original BP04 bid tab
17*	Pipe Material Change	Other	\$2,882,782.25	\$0.00	NA	NA	NA	90.36%	12/3/2015	Approved	Pipe material change to meet the Authorized Level flood event design
18*	Flood Event Emergency Pumping at Site 9	Other	\$13,660.00	\$0.00	NA	NA	NA	0.43%	1/20/2016	Approved	Flood Event Emergency Pumping at Site 9

Change Request Number	Description	Change Type (Field, Design, Spec, Other)	Cost to FPD	Cost to Others	As Bid Line Item #	Original Cost of Associated Line Item	% of Original Line Item	% of Original Contract	Date	Status	Comments
19*	Relief Well Quantity Rectification Credit	Other	-\$29,295.61	\$0.00	4.16	\$ 878,900.00	-3.33%	-0.92%	5/18/2016	Approved	Relief Well Quantity Rectification Credit
20*	CA06 Rock Placement; Clay Cap Blanket and Loss Time	Field	\$23,943.00	\$0.00	NA	NA	NA	0.75%	5/18/2016	Approved	CA06 Rock Placement (\$9,553); Clay Cap Blanket and Loss Time (\$14,390)
21*	Clay Cap Bridge; Contract Time Extension to 3/31/17	Field	\$108,620.00	\$0.00	NA	NA	NA	3.40%	8/17/2016	Approved	Clay Cap Bridge; Contract Time Extension to 3/31/17
22*	Relief Well Floor Drains and Casing Pipe Supports Credit	Field	-\$10,656.00	\$0.00	4.16	\$ 878,900.00	-1.21%	-0.33%	8/18/2016	Approved	Plug 18 Relief Well Floor Drains - \$2,214.00; Elimination of 18 casing pipe supports - (\$12,870.00)
23*	Credit PZ Abandonments & Time Extension to 7/31/17	Field	-\$2,400.00	\$0.00	4.2		#DIV/0!	#DIV/0!	3/15/2017	pending	Credit PZ Abandonments & Time Extension to 7/31/17
23*	Relief Well Conversions Concrete Seals	Field	\$51,807.50	\$0.00	4.16	\$ 878,900.00	5.89%	1.62%	3/15/2017	pending	Relief Well Conversions Concrete Seals
<b>Total of Project Change Orders</b>			<b>\$3,314,525.40</b>	<b>\$10,598.70</b>						<b>Total</b>	<b>\$ 3,325,124.10</b>

Original Contract Amount    Revised Contract Amount    % Change from Original Amount

**\$3,190,232.45**

**6,515,356.55**

**104.23%**

\*Board approval required



**CONTRACT INVOICE LOG**

**Contractor:** Keller Construction, Inc.  
22 Illini Drive  
Glen Carbon, IL 62034

**Project:** SWILCD  
**Construction Package:** BP05

<b>Original Contract Amount:</b>	\$ 8,256,481.84	
<b>Change Order #1:</b>	\$ 19,698.78	Locking Sewer Lids per MESD
<b>Change Order #2:</b>	\$ 2,815.00	Gravity Drain Cleanout
<b>Change Order #3:</b>	\$ 1,224.14	Rip Rap Survey
<b>Change Order #4:</b>	\$ 683.99	Manhole Extension
<b>Change Order #5:</b>	\$ 1,863.75	Additional Permits
<b>Change Order #6:</b>	\$ 103,690.00	5 RW Rehabs
<b>Change Order #7:</b>	\$ 31,680.00	PZ Seal Modification
<b>Change Order #8:</b>	\$ 45,199.00	Install 10" Relief Wells instead of 8"
<b>Change Order #9:</b>	\$ 107,201.00	Relief Well Construction Obstruction
<b>Change Order #10:</b>	\$ (5,095.00)	Credit to Remove Vacuum Testing of Manholes
<b>Change Order #11:</b>	\$ -	Contract Time Extension to September 30, 2015
<b>Change Order #12:</b>	\$ (31,680.00)	Delete - PZ Seal Modifications
<b>Change Order #13:</b>	\$ 9,056.25	Remaining Relief Well Permits
<b>Change Order #14:</b>	\$ 110,334.93	60 Slot Relief Well Redesign
<b>Change Order #15:</b>	\$ 83,011.64	Relief Well Construction Obstruction
<b>Change Order #16:</b>	\$ 3,622.38	PZ 875L Alignment Test and Repair
<b>Change Order #17:</b>	\$ 90,000.00	HDPE to RCP Pipe Change-Early Draw for Materials
<b>Change Order #18:</b>	\$ 5,158,639.93	Pipe Material Change to RCP (less CO17)
<b>Change Order #19:</b>	\$ 310,153.93	Flood Event Emergency Pumping at Pump Stations Site 5 & 10
<b>Change Order #20:</b>	\$ 23,178.10	RW Rehab Clean & Test; PZ 875 L
<b>Change Order #21:</b>	\$ (17,715.53)	Credit MOPAC Gates
<b>Change Order #22:</b>	\$ 3,850.10	RW Floor Drain Plugging & Deletion
<b>Change Order #23:</b>	\$ (207,274.33)	Credit Relief Well Quantity Adjustments
<b>Change Order #24:</b>	\$ (714.50)	Credit Delete Casing Pipe Supports
<b>Total Change Order Amount:</b>	\$5,843,423.56	
<b>Total Revised Contract Amount:</b>	<b>\$14,099,905.40</b>	

Payment Request No.	Pay Request Date	Pay Request Recommended Approval Date	Total Completed to Date (\$)	Amount Retained (10% to 50%) then (5% to 95%)	Total Earned Less Retained (\$)	Amount Invoiced (\$)	Date Paid by FPD	Estimate to Complete Included Retainage (\$)
1	2/28/2014	3/7/2014	\$266,054.00	\$26,605.40	\$239,448.60	\$239,448.60	3/25/2014	\$8,017,033.24
2	3/31/2014	4/16/2014	\$883,107.43	\$88,310.74	\$794,796.69	\$555,348.09	4/22/2014	\$7,461,685.15
3	4/30/2014	4/16/2014	\$1,462,259.11	\$146,225.91	\$1,316,033.20	\$521,236.51	5/22/2014	\$6,960,147.42
4	5/31/2014	6/10/2014	\$1,627,018.16	\$162,701.82	\$1,464,316.34	\$148,283.15	6/19/2014	\$6,814,679.28
5	6/30/2014	7/14/2014	\$1,750,946.56	\$175,094.66	\$1,575,851.90	\$111,535.56	7/17/2014	\$6,704,367.86
6	8/31/2014	9/9/2014	\$2,052,379.42	\$205,237.94	\$1,847,141.48	\$271,289.57	9/15/2014	\$6,433,762.27
7	9/30/2014	10/9/2014	\$2,442,332.85	\$244,233.29	\$2,198,099.57	\$350,958.09	10/16/2014	\$6,084,667.94
8	10/31/2014	11/13/2014	\$3,002,182.98	\$300,218.31	\$2,701,964.67	\$503,865.11	11/18/2014	\$5,684,492.83
9	11/30/2014	12/12/2014	\$3,506,445.51	\$350,644.57	\$3,155,800.94	\$453,836.27	12/18/2014	\$5,262,336.56
10	12/31/2014	1/15/2015	\$3,740,982.49	\$374,098.27	\$3,366,884.22	\$211,083.28	1/26/2015	\$5,051,253.28
11	1/31/2015	2/6/2015	\$4,088,696.15	\$408,869.64	\$3,679,826.51	\$312,942.29	2/18/2015	\$4,885,615.99
12	2/28/2015	3/9/2015	\$4,251,060.82	\$425,106.10	\$3,825,954.72	\$146,128.21	3/19/2015	\$4,739,487.78
13	3/31/2015	4/10/2015	\$5,082,851.69	\$508,285.19	\$4,574,566.50	\$748,611.78	4/16/2015	\$3,990,876.00
14	4/30/2015	5/12/2015	\$5,497,369.50	\$274,868.49	\$5,222,501.01	\$647,934.51	5/18/2015	\$3,513,664.31
15	5/31/2015	6/10/2015	\$6,007,102.52	\$300,355.14	\$5,706,747.38	\$484,246.37	6/16/2015	\$3,029,417.94
16	6/30/2015	7/7/2015	\$6,065,079.91	\$303,254.01	\$5,761,825.90	\$55,078.52	7/14/2015	\$2,974,339.42
17	7/31/2015	8/3/2015	\$6,123,848.73	\$306,192.45	\$5,817,656.28	\$55,830.38	8/20/2015	\$2,918,509.04
18	8/31/2015	9/11/2015	\$6,134,110.93	\$306,706.56	\$5,827,404.37	\$9,749.09	9/16/2015	\$2,912,383.33
19	9/30/2015	10/8/2015	\$6,162,786.16	\$308,139.32	\$5,854,646.84	\$27,241.47	10/21/2015	\$2,885,140.86
20	10/31/2015	11/13/2015	\$6,186,400.94	\$309,320.06	\$5,877,080.88	\$22,434.04	11/17/2015	\$2,952,706.82
21	11/30/2016	1/8/2016	\$6,186,400.94	\$311,981.05	\$5,874,419.89	(\$2,660.99)	Adjust for Retension-Apply to Req 22	
22	12/1/2015	1/8/2016	\$6,212,507.17	\$314,408.19	\$5,898,098.98	\$21,018.10	1/20/2016	\$8,090,328.65
23	1/30/2016	2/5/2016	\$6,588,304.41	\$332,344.71	\$6,255,959.70	\$357,860.72	2/17/2016	\$8,042,621.86
24	2/29/2016	3/8/2016	\$6,598,658.81	\$333,380.15	\$6,265,278.66	\$9,318.96	3/17/2016	\$8,033,302.90

Payment Request No.	Pay Request Date	Pay Request Recommended Approval Date	Total Completed to Date (\$)	Amount Retained (10% to 50%) then (5% to 95%)	Total Earned Less Retained (\$)	Amount Invoiced (\$)	Date Paid by FPD	Estimate to Complete Included Retainage (\$)
25	3/31/2016	4/4/2016	\$6,697,823.07	\$338,187.33	\$6,359,635.74	\$94,357.08	<a href="#">4/20/2016</a>	\$7,962,123.92
26	4/30/2016	5/11/2016	\$6,744,735.45	\$342,695.08	\$6,402,040.37	\$42,404.63	<a href="#">5/17/2016</a>	\$7,902,003.76
27	5/31/2016	6/10/2016	\$6,749,705.45	\$342,943.58	\$6,406,761.87	\$4,721.50	<a href="#">6/16/2016</a>	\$7,897,282.26
28	7/31/2016	8/2/2016	\$6,762,439.93	\$343,580.30	\$6,418,859.63	\$12,097.76	<a href="#">8/15/2016</a>	\$7,889,034.60
29	8/31/2016	9/9/2016	\$6,805,013.50	\$342,120.96	\$6,462,892.54	\$44,032.91	<a href="#">9/20/2016</a>	\$7,637,727.36
30	9/30/2016	10/6/2016	\$6,918,376.86	\$347,789.14	\$6,570,587.72	\$107,695.18	<a href="#">10/11/2016</a>	\$7,530,032.18
31	10/31/2016	11/9/2016	\$7,426,077.72	\$398,134.94	\$7,027,942.78	\$457,355.06	<a href="#">11/16/2016</a>	\$7,071,962.62
32	11/30/2016	12/5/2016	\$8,356,329.18	\$490,688.02	\$7,865,641.16	\$837,698.38	<a href="#">12/23/2016</a>	\$6,234,264.24
33	12/31/2016	1/5/2017	\$9,064,873.28	\$342,820.60	\$8,722,052.68	\$856,411.52	<a href="#">1/19/2017</a>	\$5,377,852.72
34	1/31/2017	2/3/2017	\$10,476,583.85	\$347,842.61	\$10,128,741.24	\$1,406,688.56	<a href="#">2/15/2017</a>	\$3,971,164.16
35	2/28/2017	3/3/2017	\$11,660,319.35	\$398,802.86	\$11,261,516.49	\$1,132,775.25	<a href="#">3/14/2017</a>	\$2,838,388.91
36	3/31/2017	4/7/2017	\$12,141,797.34	\$422,785.46	\$11,719,011.88	\$457,495.39		\$2,380,893.52

**TITLE: CONSTRUCTION CHANGE ORDER LOG**

**CLIENT:** Southwestern Illinois Flood Prevention District Council  
**PROJECT:** Bid Package 05

**PROJECT NUMBER:** SIFPDC-BP05

Change Request Number	Description	Change Type (Field, Design, Spec, Other)	Cost to FPD	Cost to Others	As Bid Line Item #	Original Cost of Associated Line Item	% of Original Line Item	% of Original Contract	Date	Status	Comments
1*	Locking Sewer Lids	Other	\$0.00	\$19,698.78	5.18-5.22	\$ 113,685.00	17.33%	0.24%	3/18/2014	Approved	To be paid by MESD Levee District
2	Gravity Drain Cleaning	Field	\$2,815.00	\$0.00	5.29	\$ 67,225.00	4.19%	0.03%	4/16/2014	Approved	Anticipated \$2,815.00 change to accommodate field condition and constructability
3	Rip Rap Survey	Field	\$1,224.14	\$0.00	NA	NA	NA	0.01%	6/18/2014	Approved	Operator and equipment cost for assistance with survey done on rip rap discovered on railroad embankment
4	Manhole JN1601 Extension	Field	\$683.99	\$0.00	5.21	\$ 9,325.00	7.34%	0.01%	7/18/2014	Approved	4ft extension due to BP05 and BP2B grade conflict
5	Permits for relief well conversions due to change with IL Public Health Dept	Other	\$1,863.75	\$0.00	5.26	\$ 211,728.64	0.88%	0.02%	10/30/2014	Approved	Permits for relief well conversions due to change with IL Public Health Dept; Owner will be responsible for all permits and fees
6	Relief Wells Rehabs	Other	\$103,690.00	\$0.00	NA	NA	NA	1.26%	10/30/2014	Approved	Relief well rehabilitations in the plans but were omitted from the bid tab
7*	PZ Seal Modifications	Design	\$31,680.00	\$0.00	5.22	\$ 171,680.00	18.45%	0.38%	11/19/2014	Approved	The new detail extends the concrete seal 4' below ground surface which should provide more stability for the above-grade part of the piezometer.
8	Installation and testing 10" Relief Wells instead of 8" Wells	Design	\$45,199.00	\$0.00	5.28	\$ 2,156,379.63	2.10%	0.55%	2/2/2015	Approved	Based on site-specific designs performed after pilot hole drilling, ten wells were final-designed with 10" diameter screens and risers to optimize well length and/or meet the USACE entrance velocity standard.
9*	RW Construction Obstruction	Field	\$107,201.00	\$0.00	5.27 5.28	\$ 3,204,234.48	3.35%	1.30%	1/15/2015	Approved	RW Construction Obstruction due to Cobble Layer during drilling; submitted January 21, 2015 for Board approval
10	Credit-Remove Vacuum Testing of Manholes	Other	\$ (5,095.00)	\$0.00	5.18-5.21	\$ 113,685.00	-4.48%	-0.06%	2/2/2015	Approved	PCN approved to remove the requirements for ASTM C1244 Standard Test Method for Concrete Sewer
11	Contract Time Extension	Other	\$0.00	\$0.00	NA	NA	NA	0.00%	2/10/2015	Approved	Contract Time Extension to September 30, 2015
12	Delete - PZ Seal Modifications	Other	\$ (31,680.00)	\$0.00	5.22	\$ 171,680.00	-18.45%	-0.38%	4/16/2015	Approved	Delete piezometer seal modifications
13	Remaining Relief Well Permits	Other	\$9,056.25	\$0.00	NA	NA	NA	0.11%	4/16/2015	Approved	Per spec sec 00 800 par 6.4-Owner will be responsible for all permits and fees
14	60 Slot Relief Well Redesign	Field	\$110,334.93	\$0.00	5.27 5.28	\$ 3,204,234.48	3.44%	1.34%	4/16/2015	Approved	60 Slot Relief Well Redesign

**TITLE: CONSTRUCTION CHANGE ORDER LOG**

**CLIENT:** Southwestern Illinois Flood Prevention District Council  
**PROJECT:** Bid Package 05

**PROJECT NUMBER:** SIFPDC-BP05

Change Request Number	Description	Change Type (Field, Design, Spec, Other)	Cost to FPD	Cost to Others	As Bid Line Item #	Original Cost of Associated Line Item	% of Original Line Item	% of Original Contract	Date	Status	Comments
15	RW Construction Obstruction	Field	\$83,011.64	\$0.00	5.27 5.28	\$ 3,204,234.48	2.59%	1.01%	5/15/2015	Within approved budget	RW Construction Obstruction due to Cobble Layer during drilling; submitted January 21, 2015 for Board approval
16	PZ 875L Alignment Test and Repair	Field	\$3,622.38	\$0.00	NA	NA	NA	0.04%	7/7/2015	Approved	Alignment test and repairs
17	HDPE to RCP Pipe Change-Early Draw	Other	\$90,000.00	\$0.00	NA	NA	NA	1.09%	10/16/2015	Approved	HDPE to RCP Pipe Change; Early draw to order materials
18*	Pipe Material Change	Other	\$5,158,639.93	\$0.00	NA	NA	NA	62.48%	12/16/2015	Approved	HDPE to RCP Pipe Change
19*	Flood Event Emergency Pumping at Pump Stations Site 5 & 10	Other	\$310,153.93	\$0.00	NA	NA	NA	3.76%	1/20/2016	Approved	Flood Event Emergency Pumping at Pump Stations Site 5 & 10
20*	RW Rehab Clean & Test; PZ 875 L	Other	\$23,178.10	\$0.00	5.22 5.23 NA	\$ 181,620.00	0.28%	0.16%	3/18/2016	Approved	RW Rehab Clean & Test; PZ 875 L
21	Credit change Mopac Sluice Gate	Other	-\$17,715.53	\$0.00	5.30 5.32	\$ 157,587.00	-11.24%	-0.21%	3/31/2016	Approved	Credit change Mopac Sluice Gate
22*	RW Floor Drain Plugging & Deletion	Field	\$3,850.10	\$0.00	NA	NA	NA	0.05%	7/20/2016	Approved	RW Floor Drain Plugging & Deletion
23*	Credit Relief Well Quantity Adjustments	Field	-\$207,274.33	\$0.00	5.27 5.28	\$ 3,204,234.48	-6.47%	-2.51%	8/17/2016	Approved	Credit Relief Well Quantity Adjustments
24	Credit Delete Casing Pipe Supports	Other	-\$714.50	\$0.00	5.27 5.28	\$ 3,204,234.48	-0.02%	-0.01%	11/1/2016		Credit Delete Casing Pipe Supports
<b>Total of Project Change Orders</b>			<b>\$5,823,724.78</b>	<b>\$19,698.78</b>							<b>\$5,843,423.56</b>
<b>Original Contract Amount</b>			<b>\$8,256,481.84</b>	<b>14,099,905.40</b>							
<b>Revised Contract Amount</b>											
				<b>% Change from Original Amount</b>							
											<b>70.77%</b>

\*Board approval required



**TITLE: CONSTRUCTION CHANGE ORDER LOG**

**CLIENT:** Southwestern Illinois Flood Prevention District Council  
**PROJECT Bid Package 5A**

**PROJECT NUMBER:** SIFPDC-BP05

Change Request Number	Description	Change Type (Field, Design, Spec, Other)	Cost to FPD	Cost to Others	As Bid Line Item #	Original Cost of Associated Line Item	% of Original Line Item	% of Original Contract	Date	Status	Comments
1*	Contract Time Extension to 6/12/17	Other	\$0.00	\$0.00	NA	NA	0.00%	0.00%	4/4/2017		Contract Time Extension to June 12, 2017

**Total of Project Change Orders**  
 Original Contract Amount    Revised Contract Amount    \$0.00    \$0.00  
 \$699,900.00    699,900.00    % Change from Original Amount    0.00%

\*Board approval required

**CONTRACT INVOICE LOG**

**Contractor:** The Lane Construction Corporation  
 90 Fieldstone Ct.  
 Cheshire, CT 06410-1212

**Project:** SWILCD 56317001.008.0017  
**Construction Package:** BP06  
**Original Contract Amount:** \$12,857,127.75

<b>Change Order #1:</b>	\$0.00	Spiral Wound Slip Lining
<b>Change Order #2:</b>	\$1,870.00	Bronze Survey Markers
<b>Change Order #3:</b>	\$132,809.60	Red Flint Filter Pack Material
<b>Change Order #4:</b>	\$12,040.40	Air Testing of HDPE Storm Sewer Pipe 12" 18" and 24"
<b>Change Order #5:</b>	\$29,566.29	SaniTite pipe upgrade and air testing on 30"-42" pipe
<b>Change Order #6:</b>	\$26,950.00	Vacuum testing manholes
<b>Change Order #7:</b>	\$205,863.75	Additional Pilot Hole Drilling & Additional Pilot Hole Sampling
<b>Change Order #8:</b>	\$4,210.00	Raise to Grade Piezometer
<b>Change Order #9:</b>	\$9,504.00	Modify Piezometer
<b>Change Order #10:</b>	\$18,339.63	12" Surface Aggregate
<b>Change Order #11:</b>	\$1,282,932.15	Relief Well Quantity Changes
<b>Change Order #12:</b>	\$37,935.66	Various Changes for Board Approval
<b>Change Order #13:</b>	\$43,664.49	Various Changes for Board Approval
<b>Change Order #14:</b>	\$177,854.69	Relief Well Construction Obstruction
<b>Change Order #15:</b>	\$0.00	Contract Time Extension to September 30, 2015
<b>Change Order #16:</b>	\$10,004.04	Concrete Headwall and Flap Gate at RW-200X; HDPE pipe 12 inch added to P-200X; HDPE pipe 12 inch added to 70-C; Manhole – 48 inch deleted JN-70 C; HDPE pipe 12 inch
<b>Change Order #17:</b>	(\$10,106.25)	Credit-Remove Vacuum Testing of Manholes
<b>Change Order #18:</b>	\$63,230.97	60 Slot Relief Well Redesign
<b>Change Order #19:</b>	\$20,923.32	Relief Well Construction Obstruction
<b>Change Order #20:</b>	\$17,910.08	Abandon Existing PZ P37 12" Agg Surface Abandon Existing PZ 239L and install new PZ
<b>Change Order #21:</b>	\$4,562.64	Relief Well Construction Obstruction
<b>Change Order #22:</b>	\$83,071.89	RCP at Pulcher's Driveway and Increase in Relief Well Quantities
<b>Change Order #23:</b>	\$38,213.76	Emergency T&M Work - Flood Event June 2015; Modifications to PDP/FL Piezometers 204L, 537L, and 679L
<b>Change Order #24:</b>	\$14,496.25	Collection Pipe P 145X
<b>Change Order #25:</b>	\$0.00	Contract Time Extension to December 31, 2015
<b>Change Order #26:</b>	\$3,770.53	Right of Way Monuments Resetting @ stations 338+00 and 533+00
<b>Change Order #27:</b>	\$0.00	Contract Time Extension
<b>Change Order #28:</b>	\$123,507.94	Pipeline Repair
<b>Change Order #29:</b>	\$0.00	Contract Time Extension to September 8, 2016
<b>Change Order #30:</b>	\$218,282.42	Remob for RWs; Quantity Adjustments for Berms and Clay Cap
<b>Change Order #31:</b>	\$79,992.22	Pulcher Drainage Improvements
<b>Change Order #32:</b>	-\$72,271.08	Credit Various Work Items Pipe Casing, Pipe Repair, Fernco, Pulcher
<b>Total Change Order Amount:</b>	<b>\$2,579,129.39</b>	
<b>Total Revised Contract Amount:</b>	<b>\$15,436,257.14</b>	

Payment Request No.	Pay Request Date	Pay Request Recommended Approval Date	Total Completed to Date (\$)	Amount Retained (10% to 50%) then (5% to 95%)	Total Earned Less Retainage	Amount Invoiced (\$)	Date Paid by FPD	Estimate to Complete Including Retainage (\$)
1	12/1/2013	12/9/2013	\$85,500.00	\$8,550.00	\$76,950.00	\$76,950.00	<a href="#">12/20/2013</a>	\$12,780,177.75
2	1/1/2014	2/10/2014	\$302,624.00	\$30,262.40	\$272,361.60	\$195,411.60	<a href="#">2/20/2014</a>	\$12,584,766.15
3	2/3/2014	2/10/2014	\$1,082,723.00	\$108,272.30	\$974,450.70	\$702,089.10	<a href="#">2/20/2014</a>	\$11,882,677.05
4	3/1/2014	3/14/2014	\$1,486,548.00	\$148,654.80	\$1,337,893.20	\$363,442.50	<a href="#">3/25/2014</a>	\$11,519,234.55
5	4/1/2014	4/16/2014	\$2,819,792.90	\$281,979.29	\$2,537,813.61	\$1,199,920.41	<a href="#">4/22/2014</a>	\$10,321,184.14
6	5/1/2014	5/13/2014	\$3,912,098.90	\$391,209.89	\$3,520,889.01	\$983,075.40	<a href="#">5/22/2014</a>	\$9,338,108.74
7	6/1/2014	6/10/2014	\$4,741,611.90	\$474,161.19	\$4,267,450.71	\$746,561.70	<a href="#">6/19/2014</a>	\$8,591,547.04
8	7/1/2014	7/14/2014	\$5,406,637.90	\$540,663.79	\$4,865,974.11	\$598,523.40	<a href="#">7/17/2014</a>	\$8,125,833.24
9	8/1/2014	8/8/2014	\$5,785,001.65	\$578,500.17	\$5,206,501.49	\$340,527.38	<a href="#">8/19/2014</a>	\$8,073,440.31
10	9/3/2014	9/5/2014	\$6,053,869.33	\$605,386.93	\$5,448,482.40	\$241,980.91	<a href="#">9/15/2014</a>	\$7,849,799.02
11	10/1/2014	10/3/2014	\$6,752,179.87	\$675,217.99	\$6,076,961.88	\$628,479.49	<a href="#">10/16/2014</a>	\$8,504,251.69
12	11/1/2014	11/10/2014	\$7,466,202.56	\$746,620.26	\$6,719,582.30	\$642,620.41	<a href="#">11/18/2014</a>	\$7,899,566.94
13	12/1/2014	12/8/2014	\$8,071,969.19	\$807,196.92	\$7,264,772.27	\$545,189.97	<a href="#">12/18/2014</a>	\$7,398,041.46
14	1/1/2015	1/13/2015	\$9,086,036.15	\$454,301.81	\$8,631,734.33	\$1,366,962.07	<a href="#">1/26/2015</a>	\$6,031,079.39
15	2/1/2015	2/6/2015	\$10,631,046.43	\$531,552.32	\$10,099,494.11	\$1,467,759.77	<a href="#">2/18/2015</a>	\$4,741,174.30
16	3/1/2015	3/9/2015	\$11,159,175.28	\$557,958.76	\$10,601,216.51	\$501,722.40	<a href="#">3/19/2015</a>	\$4,249,455.94

Payment Request No.	Pay Request Date	Pay Request Recommended Approval Date	Total Completed to Date (\$)	Amount Retained (10% to 50%) then (5% to 95%)	Total Earned Less Retainage	Amount Invoiced (\$)	Date Paid by FPD	Estimate to Complete Including Retainage (\$)
17	4/1/2015	4/10/2015	\$12,128,575.99	\$606,428.80	\$11,522,147.19	\$920,930.68	<a href="#">4/16/2015</a>	\$3,381,649.98
18	5/1/2015	5/8/2015	\$13,089,041.43	\$654,452.07	\$12,434,589.36	\$912,442.17	<a href="#">5/18/2015</a>	\$2,490,131.13
19	6/1/2015	6/5/2015	\$13,723,208.55	\$686,160.43	\$13,037,048.13	\$602,458.77	<a href="#">6/16/2015</a>	\$1,910,145.08
20	7/1/2015	7/6/2015	\$14,005,443.45	\$700,272.17	\$13,305,171.28	\$268,123.15	<a href="#">7/14/2015</a>	\$1,725,093.82
21	8/1/2015	8/7/2015	\$14,045,434.28	\$702,271.71	\$13,343,162.57	\$37,991.28	<a href="#">8/20/2015</a>	\$1,725,316.29
22	9/1/2015	9/11/2015	\$14,070,459.28	\$703,522.96	\$13,366,936.32	\$23,773.75	<a href="#">9/16/2015</a>	\$1,716,038.79
23	10/1/2015	10/9/2015	\$14,194,301.91	\$654,204.74	\$13,540,097.17	\$173,158.86	<a href="#">10/21/2015</a>	\$1,542,877.94
24	11/1/2015	11/13/2015	\$14,466,220.84	\$667,802.68	\$13,798,418.16	\$258,322.99	<a href="#">11/17/2015</a>	\$1,284,556.95
25	12/1/2015	12/8/2015	\$14,586,512.09	\$673,817.24	\$13,912,694.85	\$114,276.68	<a href="#">12/17/2015</a>	\$1,170,280.26
26	1/1/2016	1/8/2016	\$14,671,739.09	\$678,078.59	\$13,993,660.50	\$80,965.65	<a href="#">1/20/2016</a>	\$1,093,085.14
27	2/1/2016	2/5/2016	\$14,690,989.09	\$679,041.09	\$14,011,948.00	\$18,287.50	<a href="#">2/17/2016</a>	\$1,074,797.64
28	3/31/2016	4/14/2016	\$14,734,532.27	\$420,767.79	\$14,313,764.48	\$301,816.49	<a href="#">4/20/2016</a>	\$772,981.15
29	4/30/2016	5/12/2016	\$14,890,787.97	\$429,290.09	\$14,461,497.88	\$147,733.40	<a href="#">5/17/2016</a>	\$748,755.70
30	5/31/2016	6/10/2016	\$15,014,310.95	\$486,735.97	\$14,527,574.98	\$66,077.10	<a href="#">6/16/2016</a>	\$682,678.60
31	6/30/2016	7/7/2016	\$15,070,725.18	\$371,548.01	\$14,699,177.17	\$171,602.19	<a href="#">7/15/2016</a>	\$511,076.41
32	7/31/2016	8/2/2016	\$15,295,183.00	\$373,143.70	\$14,922,039.30	\$222,862.13	<a href="#">8/15/2016</a>	\$506,496.70
33	8/31/2016	9/9/2016	\$15,319,884.59	\$373,143.70	\$14,946,740.89	\$24,701.59	<a href="#">9/20/2016</a>	\$481,795.11
34	10/31/2016	11/9/2016	\$15,383,878.36	\$373,143.69	\$15,010,734.67	\$63,993.78	<a href="#">11/16/2016</a>	\$497,793.55
35	11/30/2016	12/5/2016	\$15,427,757.16	\$366,735.97	\$15,061,021.19	\$50,286.52	<a href="#">12/23/2016</a>	\$375,235.95
36	1/31/2017	2/2/2017	\$15,436,257.14	\$366,735.97	\$15,069,521.17	\$8,499.98	<a href="#">2/15/2017</a>	\$366,735.97



**TITLE: CONSTRUCTION CHANGE ORDER LOG**

**CLIENT:** Southwestern Illinois Flood Prevention District Council  
**PROJECT:** Bid Package 06

**PROJECT NUMBER:** SIFPDC-BP06

Change Request Number	Description	Change Type (Field, Design, Spec, Other)	Cost to FPD	Cost to Others	As Bid Line Item #	Original Cost of Associated Line Item	% of Original Line Item	% of Original Contract	Date	Status	Comments
1	Spiral Wound (Slip-Lining)	Spec	\$0.00	\$0.00	6.20	\$ 1,629,000.00	0.00%	0.00%	2/27/2014	Approved	Specification change to coordinate and be consistent with material and methods used by Corps of Engineers
2	Bronze Survey Markers	Spec	\$1,870.00	\$0.00	6.40	\$ 1,039,884.00	0.18%	0.01%	3/18/2014	Approved	Specification change to make consistent with other bid packages. Comments back from Corps of Engineers on other bid packages but was missed on this bid package.
3	Red Flint Filter Pack	Spec	\$132,809.60	\$0.00	6.39 6.40	\$ 1,806,432.00	7.35%	1.03%	6/20/2014	Approved	Specification change as required by the Corp of Engineers. The change order cost of \$132,809.60 is based on original bid quantities and may increase based on final relief well design. If final quantities result in increase of 10% above original line item, Board approval required
4	Air Testing of HDPE Storm Sewer Pipe 12" 18" and 24"	Spec	\$12,040.40	\$0.00	NA	NA	NA	0.09%	7/17/2014	Approved	Specification change to make consistent with other bid packages.
5*	SaniTite pipe upgrade and air testing on 30"-42" pipe	Spec	\$29,566.29	\$0.00	6.25 6.26 6.27	\$ 149,797.00	19.74%	0.23%	7/17/2014	Approved	Specification change to make consistent with other bid packages. Board approval required
6	Vacuum testing manholes	Spec	\$26,950.00	\$0.00	NA	NA	NA	0.21%	7/17/2014	Approved	Specification change to make consistent with other bid packages. Board approval required
7*	Additional Pilot Hole Drilling & Additional Pilot Hole Sampling	Design	\$205,863.75	\$0.00	6.38	\$ 251,775.00	81.76%	1.60%	7/17/2014	Approved	Design change to accommodate actually quantities. Bid quantities were very preliminary since no pilot holes were drilled at the time and Amec had not received the USACE design template for relief wells. Board approval required
8*	Raise to Grade Piezometer	Field	\$4,210.00	\$0.00	6.45	\$ 21,050.00	20.00%	0.03%	7/17/2014	Approved	PZ 689L to be raised to grade to accommodate field conditions. Board approval required
9	Modify Piezometer	Field	\$9,504.00	\$0.00	6.43	\$ 132,960.00	7.15%	0.07%	7/18/2014	Approved	Modify piezometers seal to provide additional concrete
10	Surface Aggregate	Design	\$18,339.63	\$0.00	NA	NA	NA	0.14%	8/25/2014	Approved	12 inch Aggregate Surface Course, Type A" item for driveways and field access roads. This was not included in the original proposal and was added per detail on sheet CC-C513 and various plan sheets showing the locations.
11*	Relief Well Quantity Change	Design	\$1,282,932.15	\$0.00	6.39 6.40	\$ 1,806,432.00	71.02%	9.98%	9/12/2014	Approved	Additional quantities required due to deeper pilot holes required to achieve necessary penetration. Board approval required.
12*	Additional 50VF of Pilot Hole Drilling; Decrease RW Add Riser 1 EA; Add RW Abandonment 1 EA; PZ 679R Convert to Below Grade Piezometer; T&M 2 Clay Cap Undercut	Field	\$37,935.66	\$0.00	6.09 6.38 6.42 6.46 6.32	\$ 575,290.00	6.59%	0.30%	10/10/2014	Approved	See change order summary presented to Board for review and approval in the October 15, 2014 Board Meeting
13*	Hydraulic structure painting of the 84" bulkhead; T&M 3 Clay Cap Undercut; Modify PZ Raise to Grade to PZ Raise to Grade Special	Field	\$43,664.49	\$0.00				0.34%	11/19/2014	Approved	Board approval required
14*	RW Construction Obstruction	Field	\$177,854.69	\$0.00	6.39 6.40	\$ 1,806,432.00	9.85%	1.38%	1/21/2015	Approved	RW Construction Obstruction due to Cobble Layer during drilling. Board approval required.
15	Contract Time Extension	Other	\$0.00	\$0.00	NA	NA	NA	0.00%	2/10/2015	Approved	Contract Time Extension to September 30, 2015

**TITLE: CONSTRUCTION CHANGE ORDER LOG**

**CLIENT:** Southwestern Illinois Flood Prevention District Council  
**PROJECT:** Bid Package 06

**PROJECT NUMBER:** SIFPDC-BP06

Change Request Number	Description	Change Type (Field, Design, Spec, Other)	Cost to FPD	Cost to Others	As Bid Line Item #	Original Cost of Associated Line Item	% of Original Line Item	% of Original Contract	Date	Status	Comments
16*	Concrete Headwall and Flap Gate at RW-200X; HDPE pipe 12 inch added to P-200X; HDPE pipe 12 inch added to 70-C; Manhole – 48 inch deleted JN-70 C; HDPE pipe 12 inch deleted P-S516 for 70C.	Field	\$10,004.04	\$0.00	6.39 6.40	\$ 1,806,432.00	0.55%	0.08%	2/12/2015	Approved	Change Description submitted in change order memo for Board approval 2/18/15
17	Credit-Remove Vacuum Testing of Manholes		\$ (10,106.25)	\$0.00	NA	NA	NA	-0.08%	3/4/2015	Approved	PCN approved to remove the requirements for ASTM C1244 Standard Test Method for Concrete Sewer
18*	60 Slot Relief Well Redesign	Field	\$63,230.97	\$0.00	6.40	\$ 1,039,884.00	6.08%	0.49%	3/18/2015	Approved	60-slot RW re-design to 40-slot; Board approval required
19	RW Construction Obstruction	Field	\$20,923.32	\$0.00	6.39 6.40	\$ 1,806,432.00	1.16%	0.16%	5/8/2015	Approved	RW Construction Obstruction due to Cobble Layer during drilling. To be processed under budget Board approved 1/21/15
20*	Abandon Existing PZ P37 12" Agg Surface Abandon Existing PZ 239L and install new PZ	Field	\$17,910.08	\$0.00	6.04 6.43 6.44	\$ 554,700.00	3.23%	0.14%	5/15/2015	Approved	Changes proposed to accommodate field conditions. Board approval required.
21	RW Construction Obstruction	Field	\$4,562.64	\$0.00	6.39 6.40	\$ 1,806,432.00	0.25%	0.04%	5/29/2015	Approved	RW Construction Obstruction due to Cobble Layer during drilling. To be processed under budget Board approved 1/21/15
22*	RCP at Pulcher's Driveway Increase in Relief Well Quantities	Field	\$83,071.89	\$0.00	6.39 6.40	\$ 1,806,432.00	4.60%	0.65%	6/17/2015	Approved	RCP at Pulcher's Driveway Increase in Relief Well Quantities Board approval required
23*	Emergency T&M Work - Flood Event June 2015; Modifications to PDP/FL Piezometers 204L, 537L, and 679L	Field	\$38,213.76	\$0.00	NA	NA	NA	0.30%	7/15/2015	Approved	Emergency T&M Work - Flood Event June 2015; Modifications to PDP/FL Piezometers 204L, 537L, and 679L
24*	Collection Pipe P 145X	Field	\$14,496.25	\$0.00	NA	NA	NA	0.11%	8/19/2015	Approved	Extra work to accommodate field conditions related to Collection Pipe P 145X; Board approval required
25	Contract Time Extension	Other	\$0.00	\$0.00	NA	NA	NA	0.00%	2/10/2015	Approved	Substantial Completion by December 31, 2015(excludes permanent seeding); Final Completion April 14, 2016
26	Right of Way Monuments Resetting @ stations 338+00 and 533+00	Field	\$3,770.53	\$0.00	NA	NA	NA	0.03%	12/16/2015	Approved	Right of Way Monuments Resetting @ stations 338+00 and 533+00
27*	Contract Time Extension	Other	\$0.00	\$0.00	NA	NA	NA	0.00%	5/6/2016	Approved	94 additional working days to be added to the contract time due to weather/river delays. New contract dates to be 7/26/16 substantial and 8/26/16 final.
28*	Pipeline Repair	Field	\$123,507.94	\$0.00	NA	NA	NA	0.96%	3/18/2016	Approved	Village of East Carondelet Pipeline Repair; approved in March Board meeting. (This change order includes \$29,950 approved by Board in Sept. 2015 and \$93,557.94 approved by Board in March 2016.)
29	Contract Time Extension	Other	\$0.00	\$0.00	NA	NA	NA	0.00%	7/5/2016	Approved	7 additional working days to be added to the contract time due to weather/river delays. New contract final completion date to become 9/8/16.

**TITLE: CONSTRUCTION CHANGE ORDER LOG**

**CLIENT:** Southwestern Illinois Flood Prevention District Council  
**PROJECT:** Bid Package 06

**PROJECT NUMBER:** SIFPDC-BP06

Change Request Number	Description	Change Type (Field, Design, Spec, Other)	Cost to FPD	Cost to Others	As Bid Line Item #	Original Cost of Associated Line Item	% of Original Line Item	% of Original Contract	Date	Status	Comments
30*	Remobilization Charge for RW 70A, 70B, and 70C; Quantity rectification for Seepage Berms and Clay Caps	Other	\$218,282.42	\$0.00	NA	NA	NA	1.70%	7/20/2016	Approved	Remobilization Charge for RW 70A, 70B, and 70C; Quantity rectification for Seepage Berms and Clay Caps ; Board approval required.
31*	Pulcher Drainage Improvements	Field	\$79,992.22	\$0.00	NA	NA	NA	0.62%	9/30/2016	Approved	Pulcher Drainage Improvements approved by Board May 18, 2016
32	Credit Various Work Items	Other	-\$72,271.08	\$0.00	NA	NA	NA	-0.56%	11/16/2016	Approved	Credit Various Work Items Pipe Casing, Pipe Repair, Fernco, Pulcher
<b>Total</b>			<b>\$2,579,129.39</b>	<b>\$0.00</b>						<b>Total</b>	<b>\$ 2,579,129.39</b>
<b>Original Contract Amount</b>			<b>\$12,857,127.75</b>								
<b>Revised Contract Amount</b>			<b>\$15,436,257.14</b>	<b>20.06%</b>							

\*Board approval required





## CONTRACT INVOICE LOG

**Contractor:** TREVIICOS South  
 38 Third Ave. 3rd Floor  
 Boston National Historic Park  
 Charlestown, MA 02129

**Project:** SWILCD  
**Construction Package:** BP7B (Re-Bid)

**Original Contract Amount:** \$13,991,000.00  
**Change Order #1:** \$0.00 Contract Time Extension  
**Change Order #2:** \$150,900.00 Verification Coring and Extra Rock  
**Change Order #3:** \$81,471.82 Panel 78 Bite P2 Replacement  
**Change Order #4:** \$35,123.82 Slurry Cutoff Wall Overage  
**Change Order #5:** \$125,189.36 Bike Trail Revisions  
**Change Order #6:** \$428,578.26 Flood Event Damage Dec 2015 and Jan 2016  
**Total Change Order Amount:** \$821,263.26  
**Total Revised Contract Amount:** **\$14,812,263.26**

Payment Request No.	Pay Request Date (Period To:)	Pay Request Recommended Approval Date	Total Completed to Date (\$)	Amount Retained (10% to 50%) then (5% to 95%)	Total Earned Less Retained (\$)	Amount Invoiced (\$)	Date Paid by FPD	Estimate to Complete Including Retainage (\$)
1	6/30/2015	7/16/2015	\$350,000.00	\$35,000.00	\$315,000.00	\$315,000.00	<a href="#">7/20/2015</a>	\$13,676,000.00
2	7/31/2015	8/12/2015	\$616,339.20	\$61,633.92	\$554,705.28	\$239,705.28	<a href="#">8/20/2015</a>	\$13,436,294.72
3	8/31/2015	9/11/2015	\$1,561,850.70	\$156,185.07	\$1,405,665.63	\$850,960.35	<a href="#">9/16/2015</a>	\$12,585,334.37
4	9/30/2015	10/13/2015	\$3,045,825.87	\$304,582.59	\$2,741,243.28	\$1,335,577.65	<a href="#">10/21/2015</a>	\$11,249,756.72
5	10/31/2015	11/13/2015	\$3,666,233.98	\$366,623.40	\$3,299,610.58	\$558,367.30	<a href="#">11/17/2015</a>	\$10,691,389.42
6	11/30/2015	12/4/2015	\$3,861,733.98	\$386,173.40	\$3,475,560.58	\$175,950.00	<a href="#">12/17/2015</a>	\$10,515,439.42
7	12/31/2015	1/8/2016	\$4,822,985.68	\$482,298.57	\$4,340,687.11	\$865,126.53	<a href="#">1/20/2016</a>	\$9,650,312.89
8	1/31/2016	2/8/2016	\$6,161,020.23	\$616,102.02	\$5,544,918.21	\$1,204,231.10	<a href="#">2/17/2016</a>	\$8,446,081.79
9	2/29/2016	3/9/2016	\$8,353,561.13	\$766,225.51	\$7,587,335.62	\$2,042,417.41	<a href="#">3/17/2016</a>	\$6,403,664.38
10	3/31/2016	4/12/2016	\$11,312,150.77	\$914,155.00	\$10,397,995.77	\$2,810,660.15	<a href="#">4/20/2016</a>	\$3,593,004.23
11	4/30/2016	5/12/2016	\$12,233,884.46	\$960,241.68	\$11,273,642.78	\$875,647.01	<a href="#">5/17/2016</a>	\$2,984,852.86
12	5/31/2016	6/10/2016	\$12,667,851.08	\$981,940.01	\$11,685,911.07	\$412,268.28	<a href="#">6/16/2016</a>	\$2,572,584.57
13	6/30/2016	7/6/2016	\$13,147,536.91	\$657,376.85	\$12,490,160.07	\$804,249.00	<a href="#">7/15/2016</a>	\$1,893,524.93
14	7/31/2016	8/3/2016	\$13,901,247.73	\$695,062.39	\$13,206,185.34	\$716,025.27	<a href="#">8/15/2016</a>	\$1,606,077.92
15	8/31/2016	8/31/2016	\$14,200,035.60	\$46,578.61	\$14,153,456.99	\$947,271.65	<a href="#">9/20/2016</a>	\$658,806.27
16	9/30/2016	10/6/2016	\$14,297,251.87	\$9,939.42	\$14,287,312.45	\$133,855.46	<a href="#">10/11/2016</a>	\$524,950.81
17	10/31/2016	11/10/2016	\$14,307,743.77	\$10,464.02	\$14,297,279.75	\$9,967.31	<a href="#">11/16/2016</a>	\$514,983.50









Memo to: Board of Directors  
From: Chuck Ewert  
Subject: Budget and Disbursement Report for March 2017  
Date: April 17, 2017

Current Budget Highlights

Attached is the financial statement for March 2017 prepared by our fiscal agent, CliftonLarsonAllen. The report includes an accounting of revenues and expenditures for the month ending March 31, 2017, as compared to our fiscal year budget.

Accrued expenditures for the current fiscal year beginning on October 1, 2016 are \$16,554,459 while revenues amounted to \$6,308,675 resulting in a deficit of \$10,245,784. A total of \$28,302,217 is held by the counties in their respective FPD sales tax funds and is available for the Council's use on the project.

Monthly sales tax receipts of \$829,224 for January 2017 (the latest month reported by the Illinois Department of Revenue) were up 2.57% from last year and is the largest January amount to date.

Monthly Disbursements

Attached is the list of bank transactions for March 2017. Total disbursements for the month were \$3,822,107.27. The largest payments were to Keller Construction for BP #3 & BP #5, Haier Plumbing for BP #4, Korte & Luitjohan for BP #2B, Corps of Engineers, and Amec Foster Wheeler.

Recommendation:

Accept the budget report and disbursements for March 2017.





**SOUTHWESTERN ILLINOIS FLOOD PREVENTION  
DISTRICT COUNCIL**

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

**SIX MONTHS ENDING MARCH 31, 2017 AND 2016**





**CliftonLarsonAllen**

CliftonLarsonAllen LLP  
www.cliftonlarsonallen.com

Board Members  
Southwestern Illinois Flood Prevention District Council  
Collinsville, Illinois

Management is responsible for the accompanying General Fund Statement of Revenues and Expenditures of Southwestern Illinois Flood Prevention District Council (the "Council") for the six months ended March, 2017 and 2016, 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, 2017 and 2016, have not been compiled or examined by us, and, accordingly, we do not express an opinion or any other form of assurance on them.

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

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

CliftonLarsonAllen LLP

St. Louis, Missouri  
April 7, 2017

**SOUTHWESTERN ILLINOIS FLOOD PROTECTION DISTRICT COUNCIL  
GENERAL FUND  
STATEMENT OF REVENUES AND EXPENDITURES - BUDGET AND ACTUAL  
SIX MONTHS ENDED MARCH 31, 2017 (Actual)  
FISCAL YEAR ENDING SEPTEMBER 30, 2017 (Budget)**

	BUDGET		ACTUAL	VARIANCE WITH
	ORIGINAL	FINAL		FINAL BUDGET
				POSITIVE (NEGATIVE)
<b>REVENUES</b>				
Sales Tax Proceeds From Districts	\$ 11,750,000	\$ 11,750,000	\$ 5,966,458	\$ 5,783,542
Interest Income	640,000	640,000	342,217	297,783
Other Contributions	-	-	-	-
Total Revenues	<u>12,390,000</u>	<u>12,390,000</u>	<u>6,308,675</u>	<u>6,081,325</u>
<b>EXPENDITURES</b>				
Current				
Design and Construction				
Engineering Design & Construction Management	9,197,055	9,197,055	2,368,972	6,828,083
Construction	22,840,515	22,840,515	9,097,516	13,742,999
Construction and design by US ACE	5,760,115	5,760,115	455,000	5,305,115
Total Design and Construction	<u>37,797,685</u>	<u>37,797,685</u>	<u>11,921,488</u>	<u>25,876,197</u>
Professional Services				
Legal & Legislative Consulting	458,500	458,500	174,974	283,526
Diversity Program Manager	25,000	25,000	-	25,000
Financial Advisor	65,000	65,000	10,120	54,880
Bond Underwriter/Conduit Issuer	12,000	12,000	4,759	7,241
Total Professional Services	<u>560,500</u>	<u>560,500</u>	<u>189,853</u>	<u>370,647</u>
Refund of Surplus Funds to County FPD Accounts				
Madison County	1,911,400	1,911,400	315,194	1,596,206
Monroe County	202,080	202,080	33,324	168,756
St. Clair County	1,886,520	1,886,520	311,091	1,575,429
Total Refund of Surplus Funds to County	<u>4,000,000</u>	<u>4,000,000</u>	<u>659,609</u>	<u>3,340,391</u>
Debt Service				
Principal and Interest	10,725,020	10,725,020	4,086,335	6,638,685
Federal Interest Subsidy	(848,250)	(848,250)	(423,670)	(424,580)
Total Debt Service	<u>9,876,770</u>	<u>9,876,770</u>	<u>3,662,665</u>	<u>6,214,105</u>
Total Operating Expenses	<u>52,234,955</u>	<u>52,234,955</u>	<u>16,433,615</u>	<u>35,801,340</u>
General and Administrative Costs				
Salaries, Benefits	203,000	203,000	99,041	103,959
Bank Service Charges	1,500	1,500	546	954
Conference Registration	350	350	307	43
Equipment and Software	2,000	2,000	-	2,000
Fiscal Agency Services	30,000	30,000	15,430	14,570
Audit Services	15,500	15,500	-	15,500
Meeting Expenses	1,000	1,000	637	363
Postage/Delivery	400	400	501	(101)
Printing/Photocopies	3,500	3,500	1,164	2,336
Professional Services	10,000	10,000	349	9,651
Publications/Subscriptions	250	250	6	244
Supplies	3,300	3,300	1,075	2,225
Telecommunications/Internet	3,000	3,000	985	2,015
Travel	5,000	5,000	318	4,682
Insurance	1,000	1,000	485	515
Total General & Administrative Costs	<u>279,800</u>	<u>279,800</u>	<u>120,844</u>	<u>158,956</u>
Total Expenditures	<u>52,514,755</u>	<u>52,514,755</u>	<u>16,554,459</u>	<u>35,960,296</u>
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	(40,124,755)	(40,124,755)	(10,245,784)	29,878,971
OTHER FINANCING SOURCES				
Proceeds From Borrowing	-	-	-	-
NET CHANGE IN FUND BALANCE	<u>\$ (40,124,755)</u>	<u>\$ (40,124,755)</u>	<u>\$ (10,245,784)</u>	<u>\$ 29,878,971</u>

**SOUTHWESTERN ILLINOIS FLOOD PROTECTION DISTRICT COUNCIL**  
**GENERAL FUND**  
**STATEMENT OF REVENUES AND EXPENDITURES - BUDGET AND ACTUAL**  
**SIX MONTHS ENDED MARCH 31, 2016 (Actual)**  
**FISCAL YEAR ENDING SEPTEMBER 30, 2016 (Budget)**

	BUDGET		ACTUAL	VARIANCE WITH
	ORIGINAL	FINAL		FINAL BUDGET
				POSITIVE (NEGATIVE)
<b>REVENUES</b>				
Sales Tax Proceeds From Districts	\$ 11,500,000	\$ 11,500,000	\$ 5,945,389	\$ 5,554,611
Interest Income	75,000	75,000	147,577	(72,577)
Other Contributions	-	-	5	(5)
Total Revenues	<u>11,575,000</u>	<u>11,575,000</u>	<u>6,092,971</u>	<u>5,482,029</u>
<b>EXPENDITURES</b>				
Current				
Design and Construction				
Engineering Design & Construction Management	13,939,900	14,933,787	2,042,380	12,891,407
Construction	26,597,316	44,674,432	12,147,158	32,527,274
Construction and design by US ACE	2,739,245	2,739,245	2,439,618	299,627
Total Design and Construction	<u>43,276,461</u>	<u>62,347,464</u>	<u>16,629,156</u>	<u>45,718,308</u>
Professional Services				
Legal & Legislative Consulting	391,000	391,000	286,284	104,716
Diversity Program Manager	25,130	25,130	16,155	8,975
Financial Advisor	83,200	83,200	87,982	(4,782)
Bond Underwriter/Conduit Issuer	10,000	10,000	2,244	7,756
Total Professional Services	<u>509,330</u>	<u>509,330</u>	<u>392,665</u>	<u>116,665</u>
Refund of Surplus Funds to County FPD Accounts				
Madison County	1,911,400	1,911,400	594,944	1,316,456
Monroe County	202,080	202,080	62,500	139,580
St. Clair County	1,886,520	1,886,520	600,041	1,286,479
Total Refund of Surplus Funds to County	<u>4,000,000</u>	<u>4,000,000</u>	<u>1,257,485</u>	<u>2,742,515</u>
Debt Service				
Principal and Interest	7,103,089	7,103,089	3,647,891	3,455,198
Federal Interest Subsidy	(843,700)	(843,700)	(424,125)	(419,575)
Total Debt Service	<u>6,259,389</u>	<u>6,259,389</u>	<u>3,223,766</u>	<u>3,035,623</u>
Total Operating Expenses	<u>54,045,180</u>	<u>73,116,183</u>	<u>21,503,072</u>	<u>51,613,111</u>
General and Administrative Costs				
Salaries, Benefits	196,500	196,500	92,287	104,213
Bank Service Charges	1,500	1,500	677	823
Conference Registration	350	350	307	43
Equipment and Software	2,000	2,000	-	2,000
Fiscal Agency Services	29,000	29,000	14,592	14,408
Audit Services	15,000	15,000	608	14,392
Meeting Expenses	1,000	1,000	-	1,000
Postage/Delivery	400	400	181	219
Printing/Photocopies	2,500	2,500	1,870	630
Professional Services	10,000	10,000	257	9,743
Publications/Subscriptions	250	250	112	138
Supplies	3,000	3,000	1,484	1,516
Telecommunications/Internet	3,000	3,000	1,649	1,351
Travel	5,000	5,000	399	4,601
Insurance	1,000	1,000	942	58
Total General & Administrative Costs	<u>270,500</u>	<u>270,500</u>	<u>115,365</u>	<u>155,135</u>
Total Expenditures	<u>54,315,680</u>	<u>73,386,683</u>	<u>21,618,437</u>	<u>51,768,246</u>
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	(42,740,680)	(61,811,683)	(15,525,466)	46,286,217
OTHER FINANCING SOURCES				
Proceeds From Borrowing	65,000,000	77,545,236	83,835,000	(6,289,764)
NET CHANGE IN FUND BALANCE	<u>\$ 22,259,320</u>	<u>\$ 15,733,553</u>	<u>\$ 68,309,534</u>	<u>\$ (52,575,981)</u>



# Flood Prevention District Sales Tax Trends 2009-2016

## 2009

	Jan	Feb	March	April	May	June	July	August	Sept	October	November	December	Total	County Share
Madison	\$321,968	\$336,765	\$397,425	\$387,385	\$414,350	\$421,402	\$399,616	\$401,188	\$400,090	\$404,847	\$405,930	\$492,814	\$4,783,780	46.319%
St. Clair	\$337,979	\$362,696	\$424,556	\$398,395	\$419,126	\$438,230	\$411,968	\$410,484	\$429,852	\$412,637	\$446,806	\$581,721	\$5,074,450	49.134%
Monroe	\$31,641	\$32,903	\$37,830	\$38,757	\$41,326	\$40,847	\$37,817	\$37,497	\$38,652	\$42,270	\$40,332	\$49,755	\$469,627	4.547%
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	
Cumulative Total	\$691,588	\$1,423,952	\$2,283,763	\$3,108,300	\$3,983,102	\$4,883,581	\$5,732,982	\$6,582,151	\$7,450,745	\$8,310,499	\$9,203,567	\$10,327,857		

## 2010

Madison	\$353,146	\$374,416	\$456,795	\$462,697	\$440,815	\$452,308	\$427,329	\$433,047	\$419,455	430,210	\$442,904	\$529,069	\$5,222,191	47.272%
St. Clair	\$367,458	\$399,480	\$464,089	\$439,748	\$439,139	\$458,299	\$421,447	\$423,718	\$424,971	\$429,581	\$457,927	587,067	\$5,312,924	48.094%
Monroe	\$36,770	\$34,324	\$39,884	\$43,769	\$44,358	\$43,102	\$46,499	\$41,816	\$42,207	\$42,746	\$45,411	\$51,004	\$511,890	4.634%
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	
Cumulative Total	\$757,374	\$1,565,594	\$2,526,362	\$3,472,576	\$4,396,888	\$5,350,597	\$6,245,872	\$7,144,453	\$8,031,086	\$8,933,623	\$9,879,865	\$11,047,005		

## 2011

Madison	\$380,021	\$383,976	\$460,129	\$454,562	\$466,904	\$477,396	\$436,637	\$473,303	\$448,256	\$444,204	\$455,842	\$538,000	\$5,419,230	48.108%
St. Clair	\$363,984	\$395,231	\$455,562	\$437,820	\$436,490	\$475,972	\$433,460	\$433,777	\$441,030	\$412,793	\$451,390	\$594,129	\$5,331,638	47.330%
Monroe	\$38,315	\$34,759	\$41,192	\$44,975	\$41,786	\$45,836	\$44,887	\$43,323	\$42,564	\$42,690	\$42,252	\$51,266	\$513,845	4.562%
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	
Cumulative Total	\$782,320	\$1,596,286	\$2,553,169	\$3,490,526	\$4,435,706	\$5,434,910	\$6,349,894	\$7,300,297	\$8,232,147	\$9,131,834	\$10,081,318	\$11,264,713		

## 2012

Madison	\$381,470	\$406,476	\$473,049	\$471,191	\$481,989	\$477,254	\$427,562	\$434,603	\$428,193	\$428,521	\$429,127	\$523,240	\$5,362,675	47.481%
St. Clair	\$361,727	\$415,491	\$468,490	\$432,173	\$468,782	\$473,567	\$425,923	\$441,838	\$438,184	\$424,289	\$454,916	\$589,183	\$5,394,563	47.763%
Monroe	\$37,471	\$38,904	\$46,086	\$46,051	\$46,231	\$45,671	\$43,063	\$45,307	\$45,641	\$46,230	\$45,429	\$51,062	\$537,146	4.756%
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	
Cumulative Total	\$780,668	\$1,641,539	\$2,629,164	\$3,578,579	\$4,575,581	\$5,572,073	\$6,468,621	\$7,390,369	\$8,302,387	\$9,201,427	\$10,130,899	\$11,294,384		

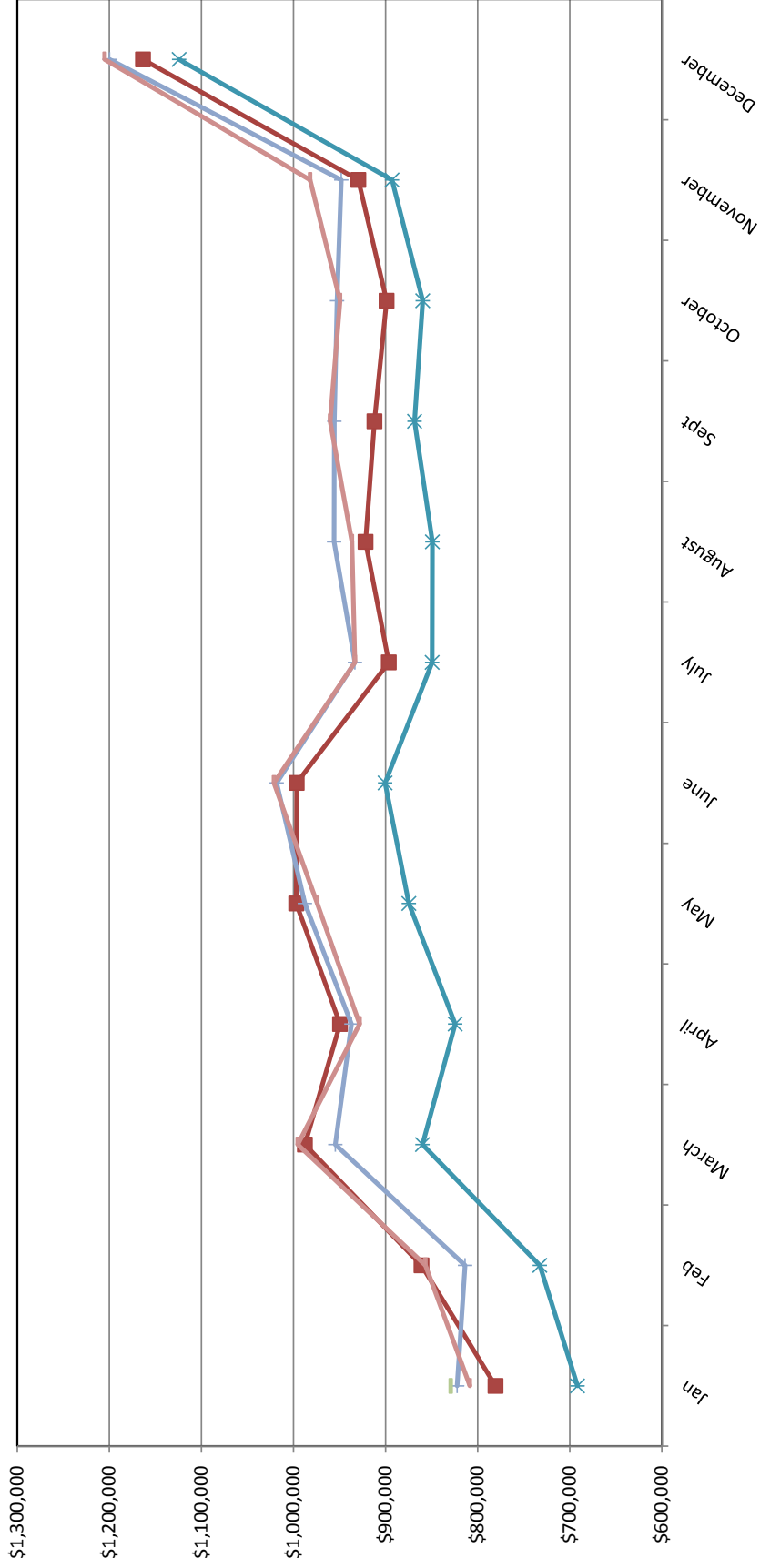
## 2013

Madison	\$375,398	\$383,170	\$424,507	\$425,469	\$457,212	\$451,494	\$436,686	\$442,449	\$430,541	\$429,499	\$432,541	\$500,233	\$5,189,199	47.062%
St. Clair	\$381,645	\$395,527	\$449,397	\$434,001	\$457,942	\$462,603	\$422,892	\$432,195	\$430,014	\$419,350	\$448,076	\$560,165	\$5,293,807	48.011%
Monroe	\$37,888	\$39,679	\$45,689	\$45,913	\$48,212	\$47,694	\$42,672	\$45,143	\$44,733	\$44,723	\$47,111	\$53,853	\$543,310	4.927%
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	
Cumulative Total	\$794,931	\$1,613,307	\$2,532,900	\$3,438,283	\$4,401,649	\$5,363,440	\$6,265,690	\$7,185,477	\$8,090,765	\$8,984,337	\$9,912,065	\$11,026,316		
% change/month	1.83%	-4.94%	-6.89%	-4.64%	-3.37%	-3.48%	0.64%	-0.21%	-0.74%	-0.61%	-0.19%	-4.23%		
% change/total	1.83%	-1.72%	-3.66%	-3.92%	-3.80%	-3.74%	-3.14%	-2.77%	-2.55%	-2.36%	-2.16%	-2.37%		



# Flood Prevention District Sales Tax Trends 2009-2016

## Monthly Receipts 2009-2012-2015-2016-2017



**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL  
SUPPLEMENTARY SUPPORTING SCHEDULE  
BANK TRANSACTIONS  
March 31, 2017**

Beginning Bank Balance February 1, \$ 730,738.27  
Receipts

UMB Bank	03/10/2017 Funds Transfer-Construction	3,374,149.20	
UMB Bank	03/10/2017 Funds Transfer-Admin	20,170.13	
IRS	03/21/2017 US Subsidy Payment	103,655.32	
IRS	03/21/2017 US Subsidy Payment	320,014.74	
The Bank of Edwardsville	03/31/2017 Deposit	862.96	
			<b>\$ 3,818,852.35</b>

Disbursements

AT&T	03/01/2017 Tablet Service	32.12	
Dorgan, McPike & Assoc, LTD	03/01/2017 Legal & Legislative	3,000.00	
FAO, USAED, St. Louis(B3)	03/01/2017 Wood River Project	455,000.00	
Smith Dawson & Andrews	03/01/2017 Government Relations	5,000.00	
ABNA	03/02/2017 Construction	9,718.25	
CliftonLarsonAllen LLP	03/06/2017 Fiscal Agent	2,423.22	
Sprague & Urban, Attorneys at Law	03/06/2017 Legal & Legislative	75.00	
Haier Plumbing	03/06/2017 Construction	764,954.92	
Microsoft Office	03/06/2017 Subscription	0.99	
Amec Foster Wheeler Environment & Infracore	03/09/2017 Design & Construction	680,848.29	
Husch Blackwell	03/09/2017 Legal & Legislative	30,323.52	
The Bank of Edwardsville	03/10/2017 Wire Fees	10.00	
The Bank of Edwardsville	03/10/2017 Wire Fees	10.00	
The Bank of Edwardsville	03/14/2017 Wire Fees	15.00	
The Bank of Edwardsville	03/14/2017 Wire Fees	15.00	
The Bank of Edwardsville	03/14/2017 Wire	15.00	
Keller Construction Inc	03/14/2017 Construction	1,132,775.25	
Keller Construction Inc	03/14/2017 Construction	214,309.50	
Korte & Luitjohan Contractors Inc	03/14/2017 Construction	76,020.00	
AT&T	03/14/2017 Telephone Service	73.41	
Cost Less Copy Center	03/15/2017 Board Meeting Materials	202.00	
Walmart	03/15/2017 Supplies	29.68	
Columbia Capital	03/20/2017 Financial Advisor	900.00	
East-West Gateway Council of Governments	03/20/2017 Supervisor Mgt Services	17,586.64	
Columbia Capital	03/20/2017 Financial Advisor	367.50	
Juneau Associates	03/23/2017 Construction	1,058.48	
Leadership Council Southwestern Illinois	03/29/2017 Meeting	300.00	
UMB Bank	03/29/2017 Wire US Subsidy Payments to UMB	103,655.32	
UMB Bank	03/29/2017 Wire US Subsidy Payments to UMB	320,014.74	
The Bank of Edwardsville	03/29/2017 Wire Fees	15.00	
ABNA	03/30/2017 Construction	2,797.70	
ABNA	03/30/2017 Construction	528.30	
The Bank of Edwardsville	03/31/2017 Wire Fees	15.00	
The Bank of Edwardsville	03/31/2017 Bank Service Fees	17.44	
			<b>\$ 3,822,107.27</b>
			<b>\$ 727,483.35</b>



Memo to: Board of Directors

From: Chuck Etwert

Subject: Change Orders BP #3, BP #4, & BP #5

Date: April 17, 2017

Per the Board’s Construction Change Order Policy, any change order which causes a line item to increase by more than ten percent must be approved by the Board. Board approval is also required on all change orders if the total of all change orders on a project exceed ten percent of a project’s original cost.

We have three change orders involving Bid Packages #3, #4, and #5, which Amec Foster Wheeler will be explaining at the meeting.

**Bid Package 03 – Balancing Quantities (\$61,266.50 Credit)**

The quantity of 12-inch HDPE pipe was reduced when the Type “T” relief well lateral pipes were upgraded to reinforced concrete pipe (RCP). This change order balances the quantity of installed HDPE pipe.

As designed, the contractor was to abandon 32EA existing relief wells. The quantity in the bid tab for this item is currently 38EA. This change order balances the quantity of abandoned relief wells.

Bid Item	Description	Unit Price	Contract QTY	Actual QTY	Net Credit
3.23	HDPE Pipe – 12 Inch	\$62.50/LF	2,525.45 LF	1,822.05 LF	\$43,962.50
3.36	Relief Well - Abandonment	\$2,884.00/EA	38 Each	32 Each	\$17,304.00
NET CREDIT = (\$61,266.50)					

#### **Bid Package 04 – Siphon Breaker Conduit Replacement – \$5,140.00**

A Change order is needed to replace an electrical conduit that runs from an old pump station (Phillips Reach, MESD) to the top of the levee. The existing metal conduit has collapsed and is badly corroded, making it impossible to pull a new electrical cable through it. The contractor damaged a portion of the conduit during construction and has agreed to pull a new wire at no additional cost to the FPD Council; however, the contractor does not feel he should be responsible for replacing the entire conduit.

#### **Bid Package 05 – Clay Cap Keyway Subsurface Conditions– \$145,360.00**

As required by the General Conditions of the contract, the contractor has provided notification to the Engineer in writing of a changed/unforeseen subsurface or physical condition. During the preparation for construction of the hybrid clay cap, several test holes were completed. The results of these test holes indicate the presence of extremely high plastic clay soils. High plastic clay is unstable at higher moisture contents, thus making it undesirable for the foundation of the proposed low permeability clay cap. The unsuitable material must be over-excavated and replaced with suitable material to “bridge” the unsuitable material and provide a stable foundation. The Amec Foster Wheeler construction management staff will monitor the over-excavation and will limit the impact to the reaches that have unsuitable material, potentially reducing the change order amount. Similarly, it’s possible that a portion of the excavated material from the face of the levee will be suitable to bridge the unsuitable material, reducing the need to import material which will reduce the change order amount significantly. The change order amount recommended for approval assumes the worst case scenario that the entire reach of levee will require full over-excavation with suitable material imported to replace the unsuitable material.

#### Recommendation:

Authorize the Chief Supervisor to approve the requested change orders for Bid Package 03 – Balancing Quantities in the amount of (\$61,266.50 Credit) with Keller Construction; for Bid Package 04 – Siphon Breaker Conduit Replacement in the amount of \$5,140.00 with Haier Plumbing; and Bid Package 05 – Clay Cap Keyway Subsurface Conditions in the amount of \$145,360.00 with Keller Construction for a total not to exceed \$89,233.50.

The board has asked to stay informed of upcoming change orders that may be presented; the following list summarizes change orders that are being negotiated, being finalized, awaiting additional information from the contractor, or awaiting completion of a construction item:

Pending Change Orders:

**Bid Package 05 – Hybrid Clay Cap Topsoil (Cost unknown)**

A Change order may be needed to compensate for any additional topsoil that needs to be hauled in to cover a revised clay cap design. It is assumed that the material that is being excavated from the levee will be suitable for reuse as topsoil, but in the event that it is unsuitable, clean topsoil will need to be imported at a cost to the FPD Council. This is pending completion of the clay cap, and will be towards the end of the project. Estimated to be presented in 2017.

**Bid Package 7B – Relief Well 1038D Abandonment**

A change order may be necessary to abandon a failed relief well installation.







Memo to: Board of Directors  
From: Chuck Etwert  
Subject: Amec Foster Wheeler Work Order #13 – Amendment #1  
Wood River Authorized Level Field Investigation and Design  
Date: April 17, 2017

With the Corps of Engineers now performing a Risk Assessment/Supplemental Report for the Lower Wood River, which is anticipated to take up to two years to complete, the period of performance for Work Order #13 with Amec Foster Wheeler needs to be amended. There is no change in the authorized funding.

Work Order #13 – Wood River Authorized Level Field Investigation and Design -  
Amendment 1

Extending Period of Performance from December 31, 2017 to  
December 31, 2019

No change in funding

A copy of the Work Order amendment is attached.

**Recommendation:** Authorize the Chief Supervisor to execute Amendment 1 to Work Order #13 for Wood River Authorized Level Field Investigation and Design with Amec Foster Wheeler Environment & Infrastructure Inc., extending the Period of Performance to December 31, 2019.





**WORK ORDER NO: MSA01-WO13**

**Wood River Authorized Level Field Investigation and Design**

**Amendment #1**

**April 19, 2017,**

By and Between

Amec Foster Wheeler Environment & Infrastructure, Inc. (Amec Foster Wheeler)

and

**Southwestern Illinois Flood Prevention District Council (CLIENT)**

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

1. SCOPE OF WORK: See Attachment A (incorporated herein by reference)
2. LOCATION/CLIENT FACILITY INVOLVED: Lower Wood River Levee

---

3. PERIOD OF PERFORMANCE: July 15, 2015 through December 31, 2019
4. AUTHORIZED FUNDING: \*No Change\*
5. SPECIAL PROVISIONS: n/a

**Southwestern Illinois Flood Prevention District Council**

**Amec Foster Wheeler Environment & Infrastructure, Inc.**

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

By: \_\_\_\_\_  
Name: Jon Omvig  
Title: St. Louis Office Manager

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

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

**Attachment A  
Scope of Work**

**WORK ORDER NO: MSA01-WO13**

**Amendment #1**

Scope of Work per Work Order 13, as amended.



**AMENDMENT 1 – (04/19/2017)**

**Coordination with Army Corps of Engineers for Lower Wood River Risk Review**

Amec Foster Wheeler will coordinate with the U.S. Army Corps of Engineers (USACE) as needed to help facilitate the timely completion of the Lower Wood River Risk Review, which must be completed prior to any work beyond Bid Package 08 proceeding in Lower Wood River. This task is expected to last approximately 2 years.

**SUMMARY**

**Total for Original Agreement            = \$2,462,000**

**Total for Amendment 1                    = \$            0**

**Total for Work Order 13                 = \$2,462,000**