



SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
BOARD OF DIRECTORS MEETING
July 20, 2016 7:30 am

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

1. Call to Order
Ron Motil, President
2. Approval of Minutes of June 15, 2016
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. Draft FY 2017 Flood Prevention District Council Budget
Chuck Etwert, Chief Supervisor
8. Change Orders BP #3, BP #5, BP #6, & BP #7B
Amec Foster Wheeler Environment & Infrastructure
Chuck Etwert, Chief Supervisor
9. Update from Corps of Engineers
Tracey Kelsey, U.S. Army Corps of Engineers
10. Public Comment

Executive Session - Litigation

AGENDA

11. Other Business

12. Adjournment

Next Meeting: August 17, 2016

MINUTES

SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL BOARD OF DIRECTORS MEETING June 15, 2016

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 June 15, 2016.

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
Tom Long, Madison County Flood Prevention District
Debra Moore, (Chair, St. Clair County Flood Prevention District)
Alvin Parks, Jr., St. Clair County Flood Prevention District
Ronald Polka, Monroe County Flood Prevention District

Members Absent

John Hamm, Madison County Flood Prevention District

Others in Attendance

Alan Dunstan, Madison County Board Chair
Mark Kern, St. Clair County Board Chair
Terry Liefer, Monroe County Board Chair
Chuck Etwert, SW Illinois FPD Council
Rich Conner, Levee Issues Alliance
Randy Cook, Amec Foster Wheeler Environment & Infrastructure
Tim Eagleton, FM Global
Mike Feldmann, U.S. Army Corps of Engineers
Walter Greathouse, Metro-East Sanitary District
David Human, Husch Blackwell LLP
Ronald S. Kaempfe, IUOE Local 520
Kevin Koenigstein, Monroe County
Lance Lunte, Lochmueller Group
Jay Martin, Amec Foster Wheeler Environment & Infrastructure
Jack Norman, Southern Illinois Groundwater Advisory Council
Jon Omvig, Amec Foster Wheeler Environment & Infrastructure
Joe Parente, Madison County
Rhonda Sauget, Leadership Council

Bob Shipley, Metro-East Sanitary District
Ken Slavens, Husch Blackwell LLP
Dale Stewart, Southwestern Illinois Building Trades Council
Matt Vielhaber, U.S. Army Corps of Engineers

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 – Present
Dr. Moore – Present
Mr. Motil – Present
Mr. Parks – absent
Mr. Hamm – absent

A quorum was present.

Approval of Minutes of May 18, 2016

A motion was made by Debra Moore, seconded by Paul Bergkoetter, to approve the minutes of the Board meeting held on May 18, 2016. 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 – Aye
Dr. Moore – Aye
Mr. Motil – Aye
Mr. Parks – absent
Mr. Hamm - absent

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 79% of the \$72.8 million of construction, involved in all nine current construction bid packages, has been completed thru May. The amount of construction work completed during the month was just over \$816,000. The total amount of construction completed is now \$57.7 million.

The Mississippi River stage still hasn't receded enough to allow for the installation of the reinforced concrete pipe which the Council approved last fall. It is hoped, that the required low ground water elevations will be achieved early in July. Our contractors are ready to start installation once the proper elevations are achieved. Unfortunately, the delay of installation will have a direct effect on the completion times of the bid packages involved.

Amec Foster Wheeler and I continue to meet with the Corps of Engineers regarding, how the limited available federal funds could be utilized in the best interest of the Council. Final scoping of Bid Packages #8 in Wood River and #14 in East St. Louis has been completed and schedules were finalized at a meeting with the Corps yesterday.

In Prairie Du Pont and Fish Lake, the Corps of Engineers should complete their re-analysis of the areas, where there weren't any 100-Year Level improvements or where only seepage berms were installed, by the end of this week. Amec Foster Wheeler will then be able to prepare an Authorized Level Project Summary Report for that portion of the Prairie Du Pont/Fish Lake area. The Corps hopes, with reprogrammed funds, to complete identification of the remaining Prairie Du Pont/Fish Lake Authorized Level projects by the end of the year.

We have received and have submitted comments on the draft amended Project Partnership Agreements (PPAs) for East St. Louis and Wood River. Once the amended PPAs are finalized, the approval process, will begin. Per our meeting yesterday, approval could be achieved as early as January. This would be sooner than originally estimated. Work In-Kind credit can be accumulated but cannot be utilized until the amended PPAs have been approved

The state has been informed by the Federal Emergency Management Agency (FEMA) that the appeal for a major disaster declaration as a result of the severe storms and flooding in late December and early January has been denied, thus preventing the state of Illinois from receiving assistance. Although the request was denied, the submittal process did reflect the great work being done by county emergency management agencies in obtaining information and providing flood mitigation measures.

It also means since FEMA will not be paying, there will be a change order in July or August reflecting an equitable settlement of costs as negotiated by Amec Foster Wheeler and Husch Blackwell with the contractor.

Amec Foster Wheeler continues to work with the Monroe County Road District #5 regarding road damages. Per our construction contracts, contractors are responsible for any damages that they cause. A meeting was held yesterday where the contractor acknowledged their responsibility.

To date there has been no word on the Corps' award of the Wood River Shallow Cutoff Wall project utilizing the Best Value Tradeoff Approach. Bids were original due on May 2nd with an award scheduled for June 1st, but the Corps changed the award date to some time before June 30th. As mentioned last month the Corps is unable to discuss any details with us until the award. This again, was confirmed, at yesterdays' meeting with the Corps.

The FPD was informed yesterday that FEMA will be holding two mapping meetings at the end of the month for Madison County. These meetings are for interior mapping purposes and do not involve the mapping associated with the FPD certification process.

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

A motion was made by Mr. Polka, seconded by Mr. Brinkman, to accept the Program Status Report for June 2016. 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 - Aye
- Dr. Moore - Aye
- Mr. Motil - Aye
- Mr. Parks - absent
- Mr. Hamm - absent

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 May 2016 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 May 31, 2016, as compared to the fiscal year budget.

Accrued expenditures for the current fiscal year beginning on October 1, 2015 are \$36,999,760 while revenues amounted to \$8,009,235 resulting in a deficit of \$28,990,525. A total of approximately \$27,531,855 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 for March 2016 (the latest month reported by the Illinois Department of Revenue) were up 4.29% from last year. Receipts are up 2.71% from last year, which was our highest year.

The report included bank transactions for May 2016. Total disbursements for the month were \$2,395,969.94. The largest payments were to TREVIICOS South for BP #7B, Keller Construction for BP #3 and BP #5, Haier Plumbing for BP #4, Lane Construction for BP #6, Amec Foster Wheeler, and Husch Blackwell.

Also, for the Board's review and anyone else who was interested, Mr. Etwert provided copies of each requisition, which was represented on the May 2016 Bank Transaction Schedule prepared by CliftonLarsonAllen.

Mr. Etwert recommended that the Board accept the budget report and disbursements for May 2016.

A motion was made by Mr. Bergkoetter, seconded by Dr. Moore, to accept the budget report and approve the disbursements for May 2016. 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 - Aye
- Dr. Moore - Aye
- Mr. Motil - Aye
- Mr. Parks - absent
- Mr. Hamm - absent

The motion was approved unanimously.

Design and Construction Update

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

Construction Status

High groundwater and river levels again hampered certain types of work this month.

Bid Package 2B – WR/MESD/PDP Pump Stations

- Pipe replacement pending
- Erosion repair work in progress.

Bid Package 2C – Site 12 Pump Station Force Mains (MESD)

- Contractor to complete punch list items.
- As-Built and closeout documentation are currently being complied.

Bid Package 3 – Wood River Seepage Improvements

- Seepage berms 1-4 are complete except for one small area in Seepage Berm 1.
- Blanket Drain 4 in progress
- Railroad Embankment Fill Area 1 & 2 in progress.

Bid Package 4 – MESD Seepage Improvements (Conoco Phillips)

- Clay Cap approximately 80% complete. Husch-Blackwell working to resolve existing utilities issues with clay cap.
- Piezometer installation – five of 13 PZs installed.
- Pipe replacement pending.

Bid Package 5 – MESD Seepage Improvements

- Clay cap work remains.
- Pipe replacement pending.

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

- Features north of I-255 are substantially complete.
- A substantial completion walk-through for remaining construction was completed on 6/14/16.
- Punch List work in progress.

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

- Clay Cap = 75% complete and in progress.
- Relief Well installation in progress. Two of 7 wells have been installed.

Construction Photos

Bid Package 3 – Wood River – RR Embankment Fill in Progress

Bid Package 3 – Wood River – Blanket Drain 4 RW Collector

Bid Package 7B – Wood River – Clay Cap in Progress

He next discussed the FEMA Certification packages.

FEMA Certification Update

Upper Wood River

Continue to work with the USACE on package details

Wood River East & West Forks

- Certification efforts are underway

Lower Wood River

- Deep cut-off wall

MESD

- Pending completion of Bid Packages 2B, 4, & 5.
- 10.5' diameter sewer rehabilitation is designed. Package to be submitted.
- Construction Completion 3rd Quarter 2016

Prairie du Pont & Fish Lake

- Pending completion of Bid Packages 2B & 6.
- Construction completion 3rd Quarter 2016
- Submit to FEMA by 4th Quarter of 2016.

Lastly, he discussed the status of the Authorized Level (500-Year) Design.

Authorized Level (500-Year) Design

Wood River – Bid Packages 8, 9, and 10

- Have reconfigured Bid Package 8 so that design can proceed. BP 9 and 10 require additional borings, on hold pending USACE funding.

MESD

- Drilling on hold, drill rigs demobilized. Will remobilize upon receipt of additional locations and access approval from TRRA.
- Corps continues to provide additional boring locations as re-evaluation is completed

PdP/FL

- Currently being reviewed by the USACE against FEMA improvements. (Corps analysis of areas where Council constructed improvements is scheduled for completion June 17th)

There was a brief discussion regarding Husch Blackwell and the utilities issues with the clay cap in BP #4. It was explained that these were existing pipes that crossed the levee in a two hundred foot area where a clay cap was being placed. The original permits, which allowed the construction of the pipes, requires the owners to move the pipes, if requested by the levee district, at their own expenses and it's a matter of getting the owners of the pipes engaged in the process.

This could be a major issue, therefore, several paths are being investigated. Most of the dozen or so pipe lines, in a two hundred foot stretch, have been abandoned and some of the agreements with the pipeline companies have expired. Some agreements may no longer be valid, and therefore, the companies wouldn't have to pay for relocation. These are things that Husch Blackwell and Amec Foster Wheeler are looking at together. Clay cap may be built as originally permitted with fill just being placed on top of it, and if somethings needs to be done, it could be accomplished later on.

Next there was a brief discussion regarding river developments up stream which could have an effect on the Metro East levees. Mr. Etwert was instructed follow-up on this concern, ensuring that the FPD has knowledge and can proactive against any type of improvements that may cause problems to the Metro East levees.

Mr. Motil asked for a motion to accept Mr. Martin's Design and Construction Update report. A motion was made by Mr. Long, with a second by Mr. Bergkoetter, to accept the Amec Foster Wheeler progress 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 – Aye
Dr. Moore – Aye
Mr. Motil – Aye
Mr. Parks – absent
Mr. Hamm - absent

The motion was approved unanimously.

Change Order BP #7B

Mr. Motil asked Mr. Randy Cook of Amec Foster Wheeler to explain the change order:

Bid Package 7B – Bike/Levee Maintenance Trail Revision \$125,189.36

This change order is regarding the Madison County Transit (MCT) bicycle trail & levee maintenance access that will be rebuilt atop the clay cap, which is being built over the cutoff wall. This bicycle trail crosses underneath Highway 143, and the clearances under that bridge prompted this change order.

Changes to the MCT bicycle trail became necessary after a survey by the contractor (as required by the specifications) concluded that the lowest elevation of the bridge deck was in fact lower than IDOT's as-built drawings for the bridge depicted. The bicycle trail design that was bid by the contractor was based on the bridge deck elevation obtained from IDOT's as-built drawings from the bridge.

As a result of this new information, the bicycle trail design was revised in order to maintain 10 feet of clearance under the lowest bridge decking elevation, in accordance with the applicable Federal Highway Administration (FHWA) and American Association of State Highway and Transportation Officials (AASHTO) publications for bicycle trails and shared use paths. The revised design requires that the grade/slope of the trail increase, thereby increasing the amount of fill required by the contractor.

These changes have been reviewed and approved by MCT.

There was a brief discussion regarding the exact location of the placement of the fill material and the allowable slope of bicycle trail paths.

Mr. Motil requested a motion to authorize the Chief Supervisor to approve the requested change order for BP #7B Bike/Levee Maintenance Trail Revisions with TREVIICOS South at a cost not to exceed \$125,189.36

A motion was made by Mr. Long, with a second by Mr. Brinkman to authorize the Chief Supervisor to approve the requested change order for BP #7B Bike/Levee Maintenance Trail Revisions with TREVIICOS South at a cost not to exceed \$125,189.36. 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 – Aye
Dr. Moore – Aye
Mr. Motil – Aye
Mr. Parks – absent
Mr. Hamm - absent

The motion was approved.

Corps of Engineers Update

Mr. Motil asked Mr. Feldmann to provide the report from the Corps.

Provided an overview of the current activities of the Corps.

Mr. Feldmann first addressed the Mel Price solution that is working its way thru the headquarters' approval process, which isn't a fast process. Once approved, hopefully this summer, design will be initiated. Federal funding for construction has been requested but not received at this time. Relief well construction is continuing regarding the interim risk reduction measures.

He discussed the support the Corps is providing in the NFIP Certification. In the Wood River Upper LSER, Amec Foster Wheeler provided the O & M manuals and as built to him this morning, with submittal to FEMA is anticipated to be made in a few weeks.

In East St. Louis (MESD), were the certification package is being put together jointly with Amec Foster Wheeler, a baseline condition risk assessment (BCRA), that basically is the assessment of the system. The risk assessment will include the final temporary design solution that is currently being developed by Amec Foster Wheeler for the 10.5 foot East St. Louis sewer. A long term

solution needs to be worked out but an interim solution that will reduce risks and allow certification to move forward has been hammered out.

The other data point that needs to be address is the multiple pipes under the levee which was discussed earlier in the meeting.

Regarding construction projects he discussed the following:

East St. Louis Design Deficiency project

- Design of relief well solution complete Sept 2016
- Ongoing analysis of system solution
- Coordinating with FPD/AMEC on path forward for bid package P&S completion
- Draft PPA WIK amendment in review

Wood River Design Deficiency Project

- Design of deep cutoff wall Phase 2 complete July 2016
- Utilizing Risk Analysis to determine final solution
- Coordinating with FPD/AMEC on path forward for bid package PPA WIK amendment in review
- Draft PPA WIK amendment in review

There was a brief discussion regarding the status of the Wood River Shallow Cutoff Wall Best Value Tradeoff Approach bid process. He indicated that he had nothing to report and the team is still going thru the source selection process. They are being very careful, to ensure that the process is being done correctly, since it is a non-typical process. The Corps is still tracking the end of June to complete the process.

Chairman Dunstan expressed his concern about the Best Value Tradeoff Approach and the lack of transparency in the process. He indicated that he would like to see the use of local workers and a review of the process which would reflect the added value of using local labor. Mr. Feldmann agreed that the Corps wasn't being transparent in this process.

Chairman Dunstan then inquired, how long the Corps had known that the Melvin Price Lock and Dam was going to be an issue. The FPD is going to achieve the 100-Year Level of Protection everywhere else, but the Mel Price area will still need "flood fighting" to provide the 100 Year Level. Mr. Feldmann indicated the Corps has been aware since 2009, and certification will be achieved in this area utilizing what the Corps terms "interim risk reduction measures". Chairman Dunstan responded that the Corps' terminology of "interim risk reduction measures" was really "flood fighting". He was also concerned about how long the Corps' planning process has taken and about the funds that have left the area that could have gone towards the Mel Price project.

Lastly, Mr. Feldmann discussed the flood recovery efforts in East St. Louis and Wood River from the floods of last summer and winter.

East St. Louis Flood Damages

- 3 levee slides plus erosion at North PS
- PIR approved
- Construction anticipated this summer pending funds availability

Wood River Flood Damages

- 1 levee slide
- PIR approval is imminent
- Construction anticipated this summer pending funds availability

Mr. Parks arrived during the presentation.

A Mr. Motil asked for a motion to accept the Corps report. A motion was made by Mr. Parks, with a second by Mr. Polka 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 – Aye
Dr. Moore – Aye
Mr. Motil – Aye
Mr. Parks – Aye
Mr. Hamm - absent

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 litigation matters.

Dr. Moore made a motion at 8:11 am to convene a closed session under Open Meetings Act 5 ILCS 120/2 (c) (11) for the purpose of discussing the litigation. The motion was seconded by Mr. Parks. It was indicated that all Board members and County Chairs should be present, along

with David Human, Ken Slavens, Jon Omvig, Jay Martin, Randy Cook, and Joe Parente. 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 – Aye
Dr. Moore - Aye
Mr. Motil – Aye
Mr. Parks – Aye
Mr. Hamm – absent

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

Dr. Moore left the executive session at 8:28 a.m. Chairman Kern and Chairman Liefer left at 8:34 a.m.

Mr. Long made a motion to adjourn the executive session and reconvene the public session at 8:40 am. 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 – Aye
Dr. Moore – absent
Mr. Motil – Aye
Mr. Parks – Aye
Mr. Hamm – absent

Mr. Motil called the meeting to order.

It was noted that the Board discussed litigation in executive session and was informed by counsel of the status of the litigation.

Other Business

There was no other business.

Adjournment

A motion was made by Mr. Bergkoetter, seconded by Mr. Brinkman 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 June 15, 2016

Southwestern Illinois Levee Systems

By Jay Martin



Construction Status



High groundwater and river levels again hampered certain types of work this month.

- ▶ Bid Package 2B – WR/MESD/PdP Pump Stations
 - ▶ Pipe replacement pending
 - ▶ Erosion repair work in progress.

- ▶ Bid Package 2C – Site 12 Pump Station Force Mains (MESD)
 - ▶ Contractor to complete punch list items.
 - ▶ As- Built and closeout documentation are currently being compiled.



Construction Status

- ▶ Bid Package 3 – Wood River Seepage Improvements
 - ▶ Seepage Berms 1-4 are complete except for one small area in Seepage Berm 1.
 - ▶ Blanket Drain 4 in progress.
 - ▶ Railroad Embankment Fill Area 1 & 2 in progress.

 - ▶ Bid Package 4 – MESD Seepage Improvements (Conoco Phillips)
 - ▶ Clay Cap approximately 80% complete. Husch-Blackwell working to resolve existing utilities issues with the clay cap.
 - ▶ Piezometer installation – five of 13 PZs installed.
 - ▶ Pipe replacement pending.

 - ▶ Bid Package 5 – MESD Seepage Improvements
 - ▶ Clay cap work remains.
 - ▶ Pipe replacement pending.
-

3



Construction Status

- ▶ Bid Package 6 – Prairie du Pont / Fish Lake Seepage Improvements
 - ▶ Features north of I-255 are substantially complete.
 - ▶ A substantial completion walk-through for remaining construction was completed on 6/14/16.
 - ▶ Punch List work in progress.

 - ▶ Bid Package 7B – Wood River Lower (Deep) Cut-off Wall
 - ▶ Clay Cap ≈ 75% complete and in progress
 - ▶ Relief Well installation in progress. Two of 7 wells have been installed.
-

4

Bid Package 3 – Wood River



RR Embankment
Fill In Progress



Bid Package 3 – Wood River



Blanket Drain 4
RW Collector



Bid Package 7B – Wood River



Clay Cap in Progress

06/09/2016 10:33

FEMA Certification Update



- ▶ Upper Wood River
 - ▶ Continue to work with the USACE on package details

- ▶ Wood River East & West Forks
 - ▶ Certification efforts are underway

- ▶ Lower Wood River
 - ▶ Deep cut-off wall



FEMA Certification Update

► MESD

- ▶ Pending completion of Bid Packages 2B, 4, & 5.
- ▶ 10.5' diameter sewer rehabilitation is designed. Package to be submitted. Coordinating with the USACE.
- ▶ Construction Completion 3rd Quarter 2016

► Prairie du Pont & Fish Lake

- ▶ Pending completion of Bid Packages 2B & 6.
- ▶ Construction completion 3rd Quarter 2016
- ▶ Submit to FEMA by 4th Quarter of 2016.



Authorized Level (500-Year) Design

Wood River – Bid Packages 8, 9 and 10

- Have reconfigured Bid Package 8 so that design can proceed. BP 9 and 10 require additional borings, on hold pending USACE funding.

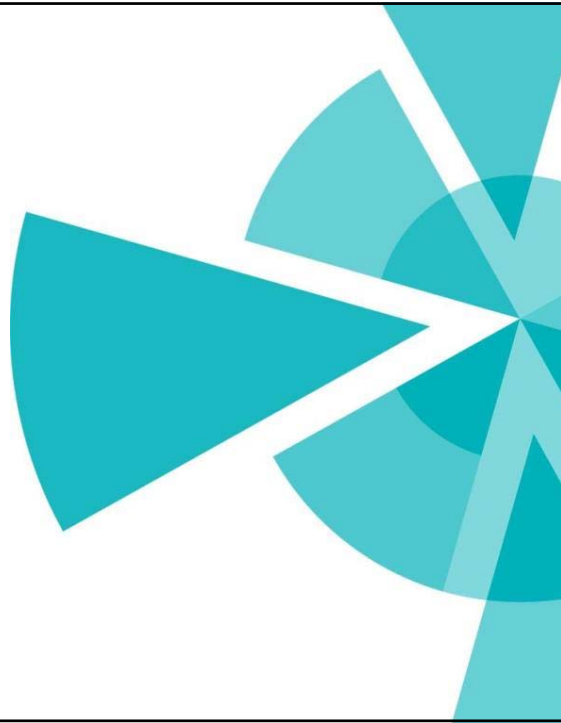
MESD – Bid Packages 11, 12, 13 and 14

- Drilling on hold, drill rigs demobilized. Will remobilize upon receipt of additional locations and access approval from TRRA.
- Corps continues to provide additional boring locations as re-evaluation is completed.

PdP/FL

- Currently being reviewed by the USACE against FEMA improvements. (Corps analysis of areas where Council constructed improvements is scheduled for completion June 17th)

Questions?



USACE UPDATE

- Mel Price
 - Report - Submitted to MVD April 8, 2016.
 - Design to initiate upon report approval
 - Relief Well Construction contract continues
- NFIP Certification
 - Wood River Upper LSER - FEMA submittal pending receipt of O&M manuals and as built drawings
 - East St. Louis (MESD)
 - Waiting on final design of temporary solution for 10.5' gravity drain
 - As discussed at QCC, BCRA team looking at the pipe inventory for entire system



BUILDING STRONG®

- East St. Louis Design Deficiency Project
 - Design of relief well solution complete Sept 2016
 - Ongoing analysis of system solution
 - Coordinating with FPD/AMEC on path forward for bid package P&S completion
 - Draft PPA WIK amendment in review
- Wood River Design Deficiency Project
 - Design of deep cutoff wall Phase 2 complete July 2016
 - Utilizing Risk Analysis to determine final solution
 - Coordinating with FPD/AMEC on path forward for bid package P&S completion
 - Draft PPA WIK amendment in review



BUILDING STRONG®

Metro East Projects, IL

■ Flood Recovery

- East St. Louis
 - Flood Damages
 - * 3 levee slides plus erosion at North PS
 - * PIR approved
 - * Construction anticipated this summer pending funds availability

- Wood River
 - Flood Damages
 - * 1 levee slide
 - * PIR approval is imminent
 - * Construction anticipated this summer pending funds availability





Memo to: Board of Directors
From: Chuck Etwert
Subject: Program Status Report for July 2016
Date: July 18, 2016

Approximately 81% of the \$72.9 million of construction, involved in all nine current construction bid packages, has been completed thru June. The amount of work completed during the month was \$1.3 million. The total amount of construction completed is \$59.0 million.

The elevation of the Mississippi River which was expected to recede to constructible levels early in the month hasn't occurred. Current Corps projections, indicate low ground water elevations to be reached on July 30th, allowing contractors to begin the installation of the reinforced concrete pipe approved last fall. The delay of installation continues to have an effect on the completion times of the bid packages involved.

In Prairie Du Pont and Fish Lake, the Corps of Engineers has completed their re-analysis of the areas where there weren't any 100-Year Level improvements or where only seepage berms were installed. Amec Foster Wheeler anticipates presenting the first phase of the Authorized Level Project Summary Report for that portion of the Prairie Du Pont/Fish Lake area in August.

We submitted comments on the draft amended Project Partnership Agreements (PPAs) for East St. Louis and Wood River. Once the amended PPAs are finalized, the approval process will begin, with approvals expected to occur early next year. Work In-Kind credit can be accumulated but cannot be utilized until the amended PPAs have been approved.

As mentioned last month Federal Emergency Management Agency (FEMA) denied the state of Illinois' request for funding assistance regarding the severe storms and flooding in late December and early January. Due to the denial, Amec Foster Wheeler and Husch Blackwell have negotiated a change order reflecting an equitable settlement of costs, which Amec Foster Wheeler will present later at the meeting.

The repair of the Monroe County Road District #5 road damages, as a result of construction of BP #6, has been agreed upon by the parties involved and was to begin last week weather permitting.

On June 28th and 29th, FEMA held Open House events regarding the FEMA 2016 Madison County Floodplain Work Maps. These events and work maps focused on the interior drainage and floodplain in Madison County.

The FPD, with Amec Foster Wheeler and Husch Blackwell, is preparing to submit the interior drainage mapping developed by Amec Foster Wheeler as part of our written comments on the work maps presented. I will probably be contacting the county chairs, requesting letters of support, endorsing the use of this mapping for the next map updates.

In the invitation letter to the Madison County communities, FEMA did provide the attached summary sheet, regarding the FPD's Levee Accreditation process. The schedule indicated coincides well with the anticipated completion dates of our projects.

There will be similar meetings held in St. Clair and Monroe Counties in the month of August.

On June 30th, Jon Omvig and I met with the Corps of Engineers regarding the Corps' award of the Wood River Shallow Cutoff Wall project utilizing the Best Value Tradeoff Approach.

As you are aware, the Corps awarded the contract to Mi-Con, a division of Michels Corporation, whose proposal didn't include a Project Labor Agreement (PLA). None of the four proposals received had a PLA. Therefore, per the Council's policy of requiring Project Labor Agreements on all construction contracts, the Council future participation with the Corps utilizing the Best Value Tradeoff Approach is very unlikely.

The Council now needs to maximize Work In-Kind Credit work as much as possible, satisfy the 5% cash requirement by providing the Corps funds for oversight on design and construction, and construct projects 100% where the Corps' benefit cost ratio is low and Corps funds aren't anticipated. Amec Foster Wheeler and I will continue to determine how the most can be accomplished utilizing the funds available.

I have included in your Board packet an article about the Corps' Wood River Shallow Cutoff Wall decision and Amec Foster Wheeler's Monthly Progress Report for July.

Background

In Monroe, Madison and St. Clair counties in Illinois, floodplain mapping was put on hold to allow for the levee accreditation process to be completed so this information can be factored into regulatory Flood Insurance Rate Maps (FIRMs). While local communities are working to complete the levee accreditation process, FEMA is collecting other current data that may better inform future flood modeling efforts. Below is information describing the remaining steps in the levee accreditation process and the flood mapping process.

LEVEE ACCREDITATION

Current Status

Currently, several Metro East area communities are working with the US Army Corps of Engineers and contractor support to develop data and complete the preparation of levee accreditation packages for:

- ▶ Wood River Levees
- ▶ Chain of Rocks Levee
- ▶ Metro East Sanitary District Levee

- ▶ Prairie du Pont Levee
- ▶ Fish Lake Levee

What Happens Next

Here is a general overview of the levee accreditation process

Submit levee accreditation packages to FEMA	Expected in 2017
FEMA review	Approximately 3 – 12 months depending on information submitted
FEMA decision	Following FEMA review and resolution of any outstanding issues during review

After each of the levee accreditation requests are completed, they will be submitted to FEMA for review. The review timeframe may take several months based on the complexity of the situation and the information initially provided. The data and modeling produced during this process can be leveraged for future Flood Insurance Rate Map updates, specifically for interior drainage concerns.

Contacts

FEMA
Ken Hinterlong
Ken.Hinterlong@fema.dhs.gov
312-408-5529

STARR
Amy Baker
Amy.Baker@atkinsglobal.com
240-264-8076

FLOOD INSURANCE RATE MAP UPDATES

Current Status

FEMA, with the assistance of the State of Illinois, is currently responsible to provide assistance with:

- ▶ Gathering best available data
- ▶ Reviewing non-regulatory maps outlining current best available data
- ▶ Increasing risk awareness and mitigation outreach

What Happens Next

This summer, meetings will be held to review draft work maps and provide an opportunity to review the current status of flood engineering and potential levee accreditation for this area.

Later this year, FEMA will lead meetings to discuss resilience in Monroe, Madison and St. Clair counties and encourage a wide array of mitigation activities. All the counties have current hazard mitigation plans and FEMA would like to discuss how these plans are being implemented.

After the levee accreditation process is complete, FEMA will continue to work with communities to leverage available data and determine the best road forward.

METRO-EAST NEWS JULY 7, 2016 12:08 PM

Flood prevention district, Durbin object to Army Corps of Engineers contract

HIGHLIGHTS

Work to begin on shallow cutoff walls in Wood River

Contract does not include a project labor agreement

Corps, flood prevention district working to bring levees to 500-year levels

BY JOSEPH BUSTOSjbustos@bnd.com

The U.S. Army Corps of Engineers recently awarded a project on the Wood River Levee to a contractor without a project labor agreement in place, a decision which has disappointed the Southwestern Illinois Flood Prevention District Council.

The estimated \$2.4 million project includes shoring up the shallow cutoff walls, and is being paid for with only federal dollars.

However, when the corps awarded the project, the winning contractor did not have a project labor agreement in place, said Chuck Etwert, chief supervisor of construction and the works for the flood prevention council.

The flood prevention district council has pushed for all contracts involving upgrades and improvements and work on the metro-east levees to include project labor agreements, to ensure union labor is used on the projects.

A project labor agreement, or PLA, is a pre-hire collective bargaining agreement with one or more labor organizations that establishes the terms and conditions of employment for a specific construction project.

Federal policy, however, says project labor agreements cannot be mandated.

When soliciting contractors for this Wood River project, the corps used a best value trade off approach where the lowest price offer isn't necessarily awarded the contract, said Sue Casseau, a command information specialist for the corps of engineers.

“The Best Value Trade Off process allows for trade off between non-cost factors and cost/price and allows the government to accept other than the lowest priced proposal or other than the highest technically rated proposal to achieve a best value contract award,” Casseau said.

According to Casseau, the contract went to Mi-Con, a division of Michels Corporation based in Wisconsin, on June 30. A phone call to Mi-Con was not immediately returned.

According to Etwert, there were four contractors who submitted proposals for the Wood River shallow cut off contract. None had PLAs in place.

The corps also wouldn't confirm how many contractors submitted proposals.

Etwert said the council is disappointed with the results of the approach taken with this contract.

“If this would have worked, the council would have been agreeable to try it again in the future,” Etwert said.

The move by the corps has received criticism by U.S. Senator Dick Durbin, D-Illinois.

“This decision is baffling to a community that has made it abundantly clear that this project contain a PLA,” Durbin said. “PLAs serve as a basis for a partnership between the local workforce and the contractor responsible for the project, and cooperation among all parties is essential for progress.”

The corps of engineers did not have any comments on Durbin's criticisms.

Etwert added PLAs have been used in southwestern Illinois for years without any problems.

“If the contractor says ‘I'll use a PLA,’ that means (there) won't be any work stoppages,” Etwert said. “If they don't have that, there could be work stoppages due to disagreements.”

The corps and the flood prevention council are working to bring the levees to a 500-year flood protection level. To pay for the improvements, the corps has agreed to pay for 65 percent with federal money, with 35 percent coming from local dollars.

Because the corps and flood prevention council could not agree on PLAs, the council has decided to carry out projects on its own, until it completes work equaling about 30 percent of work needed to bring levees up to a 500-year flood protection level.

The council has opted to do this work in-kind approach, rather than providing cash. However, the council does have to provide 5 percent cash for all of the overall work, Etwert said.

The work in kind amendment is expected to be formally memorialized in the project partnership agreement in January or February, Etwert said.



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

Monthly Project Progress Report July 2016

AMEC FOSTER WHEELER Project No. 563170001
Period Ending Date: July 8, 2016

Date of Issue: July 14, 2016

Table of Contents

1. OVERVIEW	4
1.1 PROJECT DESCRIPTION	4
1.2 AMEC FOSTER WHEELER SCOPE	4
1.3 KEY CONTACTS / PEOPLE	4
2. HEALTH, SAFETY, SECURITY, ENVIRONMENT (HSSE)	5
2.1 HSSE REPORTS	5
3. PROJECT STATUS UPDATE	6
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 Field Activities and Look Ahead	6
3.1.8 QC/QA Activities	6
3.1.9 Considerations	6
3.1.10 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 Field Activities and Look Ahead	7
3.2.8 QC/QA Activities	7
3.2.9 Considerations	7
3.2.10 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 Field Activities and Look Ahead	8
3.3.8 QC/QA Activities	8
3.3.9 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 Field Activities and Look Ahead	9
3.4.8 QC/QA Activities	9
3.4.9 Considerations.....	9
3.4.10 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	Field Activities and Look Ahead	10
3.5.8	QC/QA Activities	10
3.5.9	Considerations	10
3.5.10	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	Considerations	11
3.6.8	Payment Progress	11
3.7	BID PACKAGE 6	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	Field Activities and Look Ahead	12
3.7.8	QC/QA Activities	12
3.7.9	Considerations	12
3.7.10	Payment Progress	12
3.8	BID PACKAGE 7A	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	Field Activities	13
3.8.8	QC/QA Activities	13
3.8.9	Considerations	13
3.8.10	Payment Progress	13
3.9	BID PACKAGE 7B	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	Field Activities and Look Ahead	14
3.9.8	QC/QA Activities	14
3.9.9	Considerations	14
3.9.10	Payment Progress	14

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 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 jay.w.martin@amecfw.com
Project Manager	Jon Omvig, AICP, 636.200.5118 jon.omvig@amecfw.com
Resident Engineer	Jim Solari, PE, 314.478-9287 james.solari@amecfw.com
Construction QA Manager	Kevin Williams, PMP, 618.401.7226 kevin.williams@amecfw.com
Project Coordinator	Kendra Mitchom, 618.346.9120 kendra.mitchom@amecfw.com

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

2.1 HSSE Reports

Health/Safety		
The Contractors continues to conduct weekly toolbox safety talks.		
Security		
No issues during this reporting period.		
Environment (SWPPP)		
Forms submitted as required		
River Stage Restrictions		
The USACE 408 permit dictates that excavations shall cease when the Mississippi River Stage is:		
Bid Package	River Stage	River Elevation
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
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

- None

3.1.5 Submittals

- Complete

3.1.6 Change Orders

- Complete

3.1.7 Field Activities and Look Ahead

- Complete

3.1.8 QC/QA Activities

- Complete

3.1.9 Considerations

- None

3.1.10 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	September 30, 2016
Final Walk Through	
Final Acceptance	

3.2.2 Progress - Piping Change Order

- The high groundwater levels and the Mississippi River elevation have prevented work until July 13, 2016.
- On July 13, 2016, the Contactor started installing the erosion control at Site 16.

3.2.3 Property Acquisition

- All property is acquired

3.2.4 Levee Board Considerations

- None

3.2.5 Submittals

- Complete

3.2.6 Change Orders

- See attached log

3.2.7 Field Activities and Look Ahead

- None

3.2.8 QC/QA Activities

- None

3.2.9 Considerations

- None

3.2.10 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	
Final Acceptance	

3.3.2 Progress

- Contractor working on punch list items (silt fence removal remains)

3.3.3 Property Acquisition

- All property is acquired.

3.3.4 Levee Board Considerations

- None

3.3.5 Submittals

- Closeout submittals are pending.

3.3.6 Change Orders

- As noted on the Board Change Order Memo

3.3.7 Field Activities and Look Ahead

- No field activity.

3.3.8 QC/QA Activities

- Final QC/QA documents need to be reviewed and accepted.

3.3.9 Payment Progress

- See attached log.

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	Upper Wood River is substantially complete. Lower Wood River - September 30, 2016. <i>(Pending change orders will extend the final completion date)</i>
Final Walk Through	
Final Acceptance	

3.4.2 Progress

- The final installation of the Wagon Wheel pipe work is pending.
- Blanket Drain 4 change order work in progress.
- Contractor resumed placement at Random Fill 1 and Random Fill 2 areas and working as weather allows.

3.4.3 Property Acquisition

- All property is obtained.

3.4.4 Levee Board Considerations

- None other than previously mentioned.

3.4.5 Submittals

- As required.

3.4.6 Change Orders

- See change order log attached and Board Change Order Memo.

3.4.7 Field Activities and Look Ahead

- See above Progress

3.4.8 QC/QA Activities

- Testing as required.

3.4.9 Considerations

- None other than previously mentioned.

3.4.10 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	September 30, 2016
Final Walk Through	
Final Acceptance	

3.5.2 Progress

- Clay cap earthwork was started on August 17, 2015 and is about 80% complete. Clay cap work was put on hold until the pipeline issues are resolved.
- Site 09 pump station complete except the fencing and ground loop installation around the station.
- Five Piezometer of 13 are installed. The remaining piezometer installation is on hold until the collection pipe and clay cap are complete.

3.5.3 Property Acquisition

- All property acquired.

3.5.4 Levee Board Considerations

- None

3.5.5 Submittals

- On-going

3.5.6 Change Orders

- See Change Order Log attached and Board Change Order Memo.

3.5.7 Field Activities and Look Ahead

- No work this month

3.5.8 QC/QA Activities

- None

3.5.9 Considerations

- None

3.5.10 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>(Pending change orders will extend the final completion date)</i>
Final Walk Through	
Final Acceptance	

3.6.2 Progress

- This month, the Mississippi River elevation has prohibited starting construction associated with the pipe material change order.
- The hybrid clay cap work will initiate once an approved PCN is issued.

3.6.3 Property Acquisition

- All property is acquired

3.6.4 Levee Board Considerations

- None.

3.6.5 Submittals

- Complete

3.6.6 Change Orders

- See change order log attached and Board Change Order Memo.

3.6.7 Considerations

- None other than previously mentioned.

3.6.8 Payment Progress

- See Contract Invoice Log attached.

3.7 Bid Package 6

3.7.1 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 8, 2016.</i>
Final Walk Through	
Final Acceptance	

3.7.2 Progress

- Contractor working on punch list items.
- Contract on-hold for the Pulcher Change order until PCN approval. *(Once approved, this change orders will extend the final completion date)*
- Contractor to perform the clay cap change order work.

3.7.3 Property Acquisition

- None

3.7.4 Levee Board Considerations

- None.

3.7.5 Submittals

- On going

3.7.6 Change Orders

- See change order log attached.

3.7.7 Field Activities and Look Ahead

- Contractor is working on punch list items.

3.7.8 QC/QA Activities

- As required

3.7.9 Considerations

- None

3.7.10 Payment Progress

- See Contract Invoice Log attached.

3.8 Bid Package 7A

3.8.1 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.

3.8.2 Progress

- This project is complete.

3.8.3 Property Acquisition

- Not applicable.

3.8.4 Levee Board Considerations

- None.

3.8.5 Submittals

- Complete

3.8.6 Change Orders

- See change order log attached.

3.8.7 Field Activities

- This project is complete.

3.8.8 QC/QA Activities

- None.

3.8.9 Considerations

- None.

3.8.10 Payment Progress

- See Contract Invoice Log attached.

3.9 Bid Package 7B

3.9.1 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	June 4, 2016
Final Walk Through	
Final Acceptance	

3.9.2 Progress

- Clay Cap installation complete.
- Panel Installation is complete.
- Contractor has installed 2 of the 7 relief wells, but the work is stopped due to high groundwater. Contract to await groundwater elevation of 402 before finishing the 5 relief wells.

3.9.3 Property Acquisition

- Not applicable

3.9.4 Levee Board Considerations

- None

3.9.5 Submittals

- On-going.

3.9.6 Change Orders

- See change order log attached.

3.9.7 Field Activities and Look Ahead

- Relief Well construction began but is on hold pending low ground water stage.
- Work on the bike trail change order in progress.

3.9.8 QC/QA Activities

- Geotechnology as required.

3.9.9 Considerations

- None.

3.9.10 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

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
	Total of Project Change Orders		\$1,471,535.92	\$8,570.00						Total	\$ 1,480,105.92
	Original Contract Amount										
	Revised Contract Amount		5,345,510.92								
				% Change from Original Amount							
								38.29%			

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%	5/18/2016	Approved	Flood Damages caused by Dec. 2015 flood; approved in 5/18/16 Board meeting
3											
4											
5											
6											
7											
8											
9											
10											
Total of Project Change Orders			\$3,390.00	\$0.00						Total	\$ 3,390.00
Original Contract Amount			285,022.00	% Change from Original Amount		1.20%					
Original Contract Amount			\$281,632.00								
											Approved

*Board approval required

CONTRACT INVOICE LOG

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

Project: SWILCD
Construction Package: BP03

Original Contract Amount:	\$ 10,082,345.00	
Change Order 1	\$ 1,000.00	IDOT Permit
Change Order 2	\$ 16,600.00	PZ 39 Relocate
Change Order 3	\$ 11,361.00	Russell Commons Fence R&R
Change Order 4	\$ 2,245.60	Hydro Excavating
Change Order 5	\$ 3,071.25	Additional RW Permits
Change Order 6	\$ 278,694.99	RR3 for Blanket Drains
Change Order 7	\$ 57,436.00	Indian Creek Extra Rip Rap
Change Order 8	\$ (5,820.00)	Credit to Remove Vacuum Testing of Manholes
Change Order 9	\$ 558,086.80	Hawthorne Changes North & South including Ameren
Change Order 10	\$ 477,917.72	Blanket Drain 2 Revisions
Change Order 11	\$ (59.97)	Credit for Blanket Drain 1 Revisions
Change Order 12	\$ 60,362.00	Toe Wall and Handrails Wiers 2, 3, and 4
Change Order 13	\$ 6,825.00	Additional Pollution Coverage UPRR
Change Order 14	\$ 28,950.00	Pilot Hole Drilling
Change Order 15	\$ (9,729.58)	Hawthorne Pipe Changes
Change Order 16	\$ 132,710.00	Russell Commons Buried Waste Part A & B
Change Order 17	\$ 257,694.47	Relief Well Construction Obstructions
Change Order 18	\$ 17,403.75	Tree Mitigation
Change Order 19	\$ 15,620.78	Relief Well 1016 1064 1065 Modifications
Change Order 20	\$ 111,256.88	Relief Well Construction Obstructions
Change Order 21	\$ 108,620.79	Relief Well Construction Obstructions
Change Order 22	\$ 40,618.82	Russell Commons Buried Waste Part A Deduct & Part C
Change Order 23	\$ (35,779.00)	Credit for Delete PZs_Add Bollards
Change Order 24	\$ 103,824.76	Relief Well Construction Obstructions RW 1069-1073 Weir 4 Handrail; Wagon Wheel Bore Shoring, Excavation, and Removal of Abandoned Line;
Change Order 25	\$ 113,188.00	Hawthorne impacted material near Weir 3
Change Order 26	\$ (135,402.86)	Credit Farm Ditch Revision and Random Fill 1
Change Order 27	\$ 493,474.58	Blanket Drain 4 Revisions
Change Order 28	\$ 125,536.21	Relief Well Construction Obstruction RW 1069-1073
Change Order 29	\$ (29,887.27)	Wagon Wheel Bore
Change Order 30	\$ (8,793.84)	Credit Relief Well Floor Drain Elimination/Plugging
Total Change Order Amount:	\$2,797,026.88	
Total Revised Contract Amount:	\$12,879,371.88	

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	\$826,913.54	\$7,442,100.00	\$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
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		\$1,280,389.14

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	3.02 3.04 3.06 3.07 3.29 3.32	\$ 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	3.02 3.09 3.09 3.16 3.23 3.25 3.26 3.29 3.36 3.37			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 3.26	\$ 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

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	
17*	Relief Well Construction Obstruction	Other	\$257,694.47	\$0.00	3.38	\$ 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	\$ 3,507,071.90	0.45%	0.15%	10/22/2015	Approved	Relief Well 1016, 1064, 1065 Modifications	
20*	Relief Well Construction Obstruction	Other	\$111,256.88	\$0.00	3.38	\$ 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 Obstruction	Other	\$108,620.79	\$0.00	3.38	\$ 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	
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	\$ 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	\$ 3,507,073.90	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	\$ 3,507,073.90	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	\$ 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)	\$1.00	3.38	\$ 3,507,073.90	-0.25%	-0.09%	6/15/2016	Approved	Credit for deletion of relief well floor drains	
Total											\$	2,797,026.88

Original Contract Amount \$10,082,345.00

Revised Contract Amount 12,879,371.88

% Change from Original Amount 27.74%

*Board approval required

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)
Total											\$ 3,177,752.60

Total of Project Change Orders \$3,167,153.90 \$10,598.70

Original Contract Amount **\$3,190,232.45** Revised Contract Amount **6,367,965.05** % Change from Original Amount **99.61%**

*Board approval required

CONTRACT INVOICE LOG

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

Project: SWILCD
Construction Package: BP05

Original Contract Amount:	\$	8,256,481.84	
Change Order #1:	\$	19,698.78	Locking Sewer Lids per MESD
Change Order #2:	\$	2,815.00	Gravity Drain Cleanout
Change Order #3:	\$	1,224.14	Rip Rap Survey
Change Order #4:	\$	683.99	Manhole Extension
Change Order #5:	\$	1,863.75	Additional Permits
Change Order #6:	\$	103,690.00	5 RW Rehabs
Change Order #7:	\$	31,680.00	PZ Seal Modification
Change Order #8:	\$	45,199.00	Install 10" Relief Wells instead of 8"
Change Order #9:	\$	107,201.00	Relief Well Construction Obstruction
Change Order #10:	\$	(5,095.00)	Credit to Remove Vacuum Testing of Manholes
Change Order #11:	\$	-	Contract Time Extension to September 30, 2015
Change Order #12:	\$	(31,680.00)	Delete - PZ Seal Modifications
Change Order #13:	\$	9,056.25	Remaining Relief Well Permits
Change Order #14:	\$	110,334.93	60 Slot Relief Well Redesign
Change Order #15:	\$	83,011.64	Relief Well Construction Obstruction
Change Order #16:	\$	3,622.38	PZ 875L Alignment Test and Repair
Change Order #17:	\$	90,000.00	HDPE to RCP Pipe Change-Early Draw for Materials
Change Order #18:	\$	5,158,639.93	Pipe Material Change to RCP (less CO17)
Change Order #19:	\$	310,153.93	Flood Event Emergency Pumping at Pump Stations Site 5 & 10
Change Order #20:	\$	23,178.10	RW Rehab Clean & Test; PZ 875 L
Change Order #21:	\$	(17,715.53)	Credit MOPAC Gates
Total Change Order Amount:		\$6,047,562.29	
Total Revised Contract Amount:		\$14,304,044.13	

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
25	3/31/2016	4/4/2016	\$6,697,823.07	\$338,187.33	\$6,359,635.74	\$94,357.08	4/20/2016	\$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	5/17/2016	\$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	6/16/2016	\$7,897,282.26

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		Credit change Mopac Sluice Gate

Total of Project Change Orders \$6,027,863.51 \$19,698.78
 Original Contract Amount Revised Contract Amount
 \$8,256,481.84 14,304,044.13
 % Change from Original Amount 73.25%

\$6,047,562.29

*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
Change Order #1: \$0.00 Spiral Wound Slip Lining
Change Order #2: \$1,870.00 Bronze Survey Markers
Change Order #3: \$132,809.60 Red Flint Filter Pack Material
Change Order #4: \$12,040.40 Air Testing of HDPE Storm Sewer Pipe 12" 18" and 24"
Change Order #5: \$29,566.29 SaniTite pipe upgrade and air testing on 30"-42" pipe
Change Order #6: \$26,950.00 Vacuum testing manholes
Change Order #7: \$205,863.75 Additional Pilot Hole Drilling & Additional Pilot Hole Sampling
Change Order #8: \$4,210.00 Raise to Grade Piezometer
Change Order #9: \$9,504.00 Modify Piezometer
Change Order #10: \$18,339.63 12" Surface Aggregate
Change Order #11: \$1,282,932.15 Relief Well Quantity Changes
Change Order #12: \$37,935.66 Various Changes for Board Approval
Change Order #13: \$43,664.49 Various Changes for Board Approval
Change Order #14: \$177,854.69 Relief Well Construction Obstruction
Change Order #15: \$0.00 Contract Time Extension to September 30, 2015
Change Order #16: \$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
Change Order #17: (\$10,106.25) Credit-Remove Vacuum Testing of Manholes
Change Order #18: \$63,230.97 60 Slot Relief Well Redesign
Change Order #19: \$20,923.32 Relief Well Construction Obstruction
Change Order #20: \$17,910.08 Abandon Existing PZ P37 12" Agg Surface Abandon Existing PZ 239L and install new PZ
Change Order #21: \$4,562.64 Relief Well Construction Obstruction
Change Order #22: \$83,071.89 RCP at Pulcher's Driveway and Increase in Relief Well Quantities
Change Order #23: \$38,213.76 Emergency T&M Work - Flood Event June 2015; Modifications to PDP/FL Piezometers 204L, 537L, and 679L
Change Order #24: \$14,496.25 Collection Pipe P 145X
Change Order #25: \$0.00 Contract Time Extension to December 31, 2015
Change Order #26: \$3,770.53 Right of Way Monuments Resetting @ stations 338+00 and 533+00
Change Order #27: \$0.00 Contract Time Extension
Change Order #28: \$123,507.94 Pipeline Repair
Change Order #29: \$0.00 Contract Time Extension to September 8, 2016
Total Change Order Amount: **\$2,353,125.83**
Total Revised Contract Amount: **\$15,210,253.58**

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	12/20/2013	\$12,780,177.75
2	1/1/2014	2/10/2014	\$302,624.00	\$30,262.40	\$272,361.60	\$195,411.60	2/20/2014	\$12,584,766.15
3	2/3/2014	2/10/2014	\$1,082,723.00	\$108,272.30	\$974,450.70	\$702,089.10	2/20/2014	\$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	3/25/2014	\$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	4/22/2014	\$10,321,184.14

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 (\$)
6	5/1/2014	5/13/2014	\$3,912,098.90	\$391,209.89	\$3,520,889.01	\$983,075.40	5/22/2014	\$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	6/19/2014	\$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	7/17/2014	\$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	8/19/2014	\$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	9/15/2014	\$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	10/16/2014	\$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	11/18/2014	\$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	12/18/2014	\$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	1/26/2015	\$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	2/18/2015	\$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	3/19/2015	\$4,249,455.94
17	4/1/2015	4/10/2015	\$12,128,575.99	\$606,428.80	\$11,522,147.19	\$920,930.68	4/16/2015	\$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	5/18/2015	\$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	6/16/2015	\$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	7/14/2015	\$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	8/20/2015	\$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	9/16/2015	\$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	10/21/2015	\$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	11/17/2015	\$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	12/17/2015	\$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	1/20/2016	\$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	2/17/2016	\$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	4/20/2016	\$772,981.15
29	4/30/2016	5/12/2016	\$14,890,787.97	\$429,290.09	\$14,461,497.88	\$147,733.40	5/17/2016	\$748,755.70
30	5/31/2016	6/10/2016	\$15,014,310.95	\$486,735.97	\$14,527,574.98	\$66,077.10	6/16/2016	\$682,678.60
31	6/30/2016	7/7/2016	\$15,070,725.18	\$371,548.01	\$14,699,177.17	\$171,602.19		\$511,076.41

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*	Sanitary 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	Field	\$ (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*	Pulcher Drainage Improvements	Other	\$79,992.22	\$0.00	NA	NA	NA	0.62%	3/19/2016	Pending	Pulcher Drainage Improvements; Pending PCN approval
Total											\$ 2,353,125.83
Total of Project Change Orders			\$2,353,125.83	\$0.00	Total of Project Change Orders Revised Contract Amount			\$15,210,253.58			
Original Contract Amount			\$12,857,127.75	\$18.30%	% Change from Original Amount						

*Board approval required

TITLE: CONSTRUCTION CHANGE ORDER LOG

CLIENT: Southwestern Illinois Flood Prevention District Council
PROJECT: Bid Package 7A

PROJECT NUMBER: SIFPDC-BP7A

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	Temporary Boat Launch Access Road	Design	\$13,850.00	\$0.00	NA	NA	NA	0.45%	10/17/2014	Approved	C-105 & C-504 Drawing revision to include a temporary boat launch road
2*	Utility Conflicts	Field	\$108,897.50	\$0.00	0016	\$225,000.00	48.40%	3.54%	11/19/2014	Approved	Electrical and telephone utility conflicts; Board approval required
3*	Excavation Levee Slope and Crown Quantity Adjustment	Other	\$98,660.80	\$0.00	0009	\$ 89,503.20	110.23%	3.21%	12/17/2014	Approved	Excavation Levee Slope and Crown Quantity Adjustment. Board approval required (see memo for detail)
4	Slurry Trench Cutoff Wall Quantity Settlement	Other	\$66,693.00	\$0.00	0010 0011	\$669,584.00	9.96%	2.17%	3/10/2015	Approved	Slurry Trench Cutoff Wall Quantity Settlement
5	Contract Time Extension to June 26, 2015	Other	\$0.00	\$0.00	0	\$ -	0.00%	0.00%	3/10/2015	Approved	Contract Time Extension to June 26, 2015 due to weather needed for clay placement
6	Site demolition and restoration as required by City of Alton	Other	\$7,500.00	\$0.00	0007	\$315,818.00	2.37%	0.24%	5/15/2015	Approved	Crack fill, seal, and stripe the entire Alton Marina Parking lot, as required by the City of Alton.
7	Clay Cap Volume Change	Field	\$3,540.25	\$0.00	0013	\$860,370.00	0.41%	0.12%	7/9/2015	Approved	Clay Cap Volume Change
Total of Project Change Orders			\$299,141.55	\$0.00						Approved	\$ 299,141.55
Original Contract Amount			\$3,076,208.70	\$3,375,350.25				9.72%			

*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
Total Change Order Amount: \$392,685.00
Total Revised Contract Amount: \$14,383,685.00

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	7/20/2015	\$13,676,000.00
2	7/31/2015	8/12/2015	\$616,339.20	\$61,633.92	\$554,705.28	\$239,705.28	8/20/2015	\$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	9/16/2015	\$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	10/21/2015	\$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	11/17/2015	\$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	12/17/2015	\$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	1/20/2016	\$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	2/17/2016	\$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	3/17/2016	\$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	4/20/2016	\$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	5/17/2016	\$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	6/16/2016	\$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		\$1,893,524.93



Memo to: Board of Directors
From: Chuck Ewert
Subject: Budget and Disbursement Report for June 2016
Date: July 18, 2016

Current Budget Highlights

Attached is the financial statement for June 2016 prepared by our fiscal agent, CliftonLarsonAllen. The report includes an accounting of revenues and expenditures for the month ending June 30, 2016, as compared to our fiscal year budget.

Accrued expenditures for the current fiscal year beginning on October 1, 2015 are \$38,178,246 while revenues amounted to \$9,045,741 resulting in a deficit of \$29,132,505. A total of approximately \$27,531,855 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 for April 2016 (the latest month reported by the Illinois Department of Revenue) were down .96% from last year. Total receipts for the year are up 1.74% from last year, which was our highest year.

Monthly Disbursements

Attached is the list of bank transactions for June 2016. Total disbursements for the month were \$1,181,809.27. The largest payments were TREVIICOS South for BP #7B, Keller Construction for BP #3 and BP #5, Lane Construction for BP #6, Amec Foster Wheeler, and Husch Blackwell.

Recommendation:

Accept the budget report and disbursements for June 2016



**SOUTHWESTERN ILLINOIS FLOOD PREVENTION
DISTRICT COUNCIL**

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

NINE MONTHS ENDING JUNE 30, 2016 AND 2015



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 nine months ended June 30, 2016 and 2015, 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, 2016 and 2015, 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
July 6, 2016

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

	BUDGET		ACTUAL	VARIANCE WITH
	ORIGINAL	FINAL		FINAL BUDGET
				POSITIVE (NEGATIVE)
REVENUES				
Sales Tax Proceeds From Districts	\$ 11,500,000	\$ 11,500,000	\$ 8,606,054	\$ 2,893,946
Interest Income	75,000	75,000	439,682	(364,682)
Other Contributions	-	-	5	(5)
Total Revenues	<u>11,575,000</u>	<u>11,575,000</u>	<u>9,045,741</u>	<u>2,529,259</u>
EXPENDITURES				
Current				
Design and Construction				
Engineering Design & Construction Management	13,939,900	14,933,787	3,498,508	11,435,279
Construction	26,597,316	44,674,432	19,176,694	25,497,738
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>25,114,820</u>	<u>37,232,644</u>
Professional Services				
Legal & Legislative Consulting	391,000	391,000	344,506	46,494
Diversity Program Manager	25,130	25,130	16,155	8,975
Financial Advisor	83,200	83,200	92,849	(9,649)
Bond Underwriter/Conduit Issuer	10,000	10,000	3,627	6,373
Total Professional Services	<u>509,330</u>	<u>509,330</u>	<u>457,137</u>	<u>52,193</u>
Refund of Surplus Funds to County FPD Accounts				
Madison County	1,911,400	1,911,400	1,597,538	313,862
Monroe County	202,080	202,080	168,498	33,582
St. Clair County	1,886,520	1,886,520	1,589,585	296,935
Total Refund of Surplus Funds to County	<u>4,000,000</u>	<u>4,000,000</u>	<u>3,355,621</u>	<u>644,379</u>
Debt Service				
Principal and Interest	7,103,089	7,103,089	9,483,278	(2,380,189)
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>9,059,153</u>	<u>(2,799,764)</u>
Total Operating Expenses	<u>54,045,180</u>	<u>73,116,183</u>	<u>37,986,731</u>	<u>35,129,452</u>
General and Administrative Costs				
Salaries, Benefits	196,500	196,500	144,262	52,238
Bank Service Charges	1,500	1,500	1,025	475
Conference Registration	350	350	307	43
Equipment and Software	2,000	2,000	433	1,567
Fiscal Agency Services	29,000	29,000	21,800	7,200
Audit Services	15,000	15,000	15,000	-
Meeting Expenses	1,000	1,000	-	1,000
Postage/Delivery	400	400	244	156
Printing/Photocopies	2,500	2,500	2,599	(99)
Professional Services	10,000	10,000	257	9,743
Publications/Subscriptions	250	250	115	135
Supplies	3,000	3,000	2,241	759
Telecommunications/Internet	3,000	3,000	1,891	1,109
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>191,515</u>	<u>78,985</u>
Total Expenditures	<u>54,315,680</u>	<u>73,386,683</u>	<u>38,178,246</u>	<u>35,208,437</u>
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	(42,740,680)	(61,811,683)	(29,132,505)	32,679,178
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>\$ 54,702,495</u>	<u>\$ 38,968,942</u>

**SOUTHWESTERN ILLINOIS FLOOD PROTECTION DISTRICT COUNCIL
GENERAL FUND
STATEMENT OF REVENUES AND EXPENDITURES - BUDGET AND ACTUAL
NINE MONTHS ENDED JUNE 30, 2015 (Actual)
FISCAL YEAR ENDING SEPTEMBER 30, 2015 (Budget)**

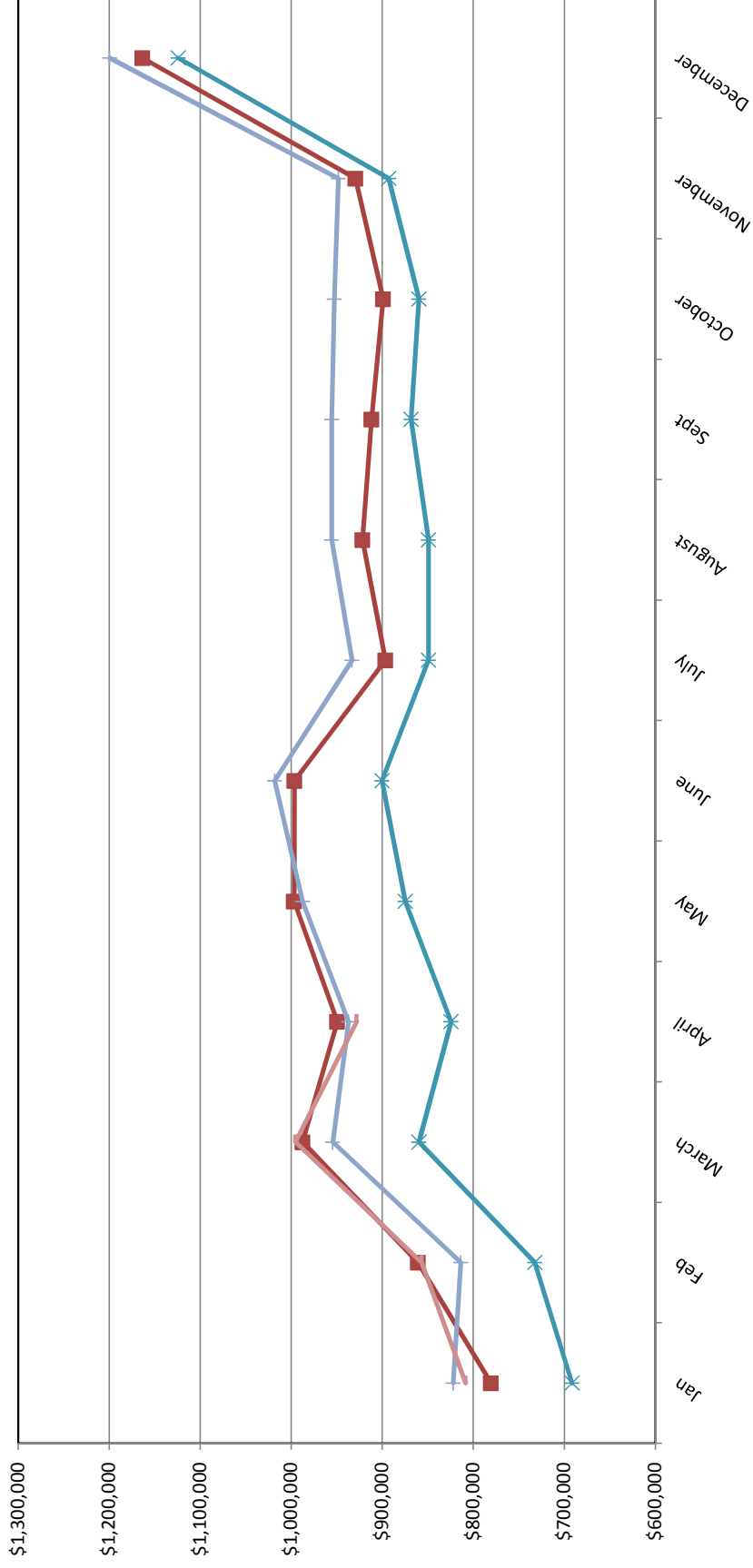
	BUDGET		ACTUAL	VARIANCE WITH
	ORIGINAL	FINAL		FINAL BUDGET
				POSITIVE (NEGATIVE)
REVENUES				
Sales Tax Proceeds From Districts	\$ 11,195,000	\$ 11,195,000	\$ 8,435,626	\$ 2,759,374
Interest Income	60,000	60,000	255,788	(195,788)
Total Revenues	<u>11,255,000</u>	<u>11,255,000</u>	<u>8,691,414</u>	<u>2,563,586</u>
EXPENDITURES				
Current				
Design and Construction				
Engineering Design & Construction Management	8,131,050	8,131,050	2,099,627	6,031,423
Construction	45,791,362	45,791,362	23,126,668	22,664,694
Construction and design by US ACE	-	-	-	-
Total Design and Construction	<u>53,922,412</u>	<u>53,922,412</u>	<u>25,226,295</u>	<u>28,696,117</u>
Professional Services				
Legal & Legislative Consulting	216,000	216,000	210,425	5,575
Diversity Program Manager	64,140	64,140	50,020	14,120
Financial Advisor	120,000	120,000	7,350	112,650
Bond Underwriter/Conduit Issuer	-	-	9,778	(9,778)
Total Professional Services	<u>400,140</u>	<u>400,140</u>	<u>277,573</u>	<u>122,567</u>
Refund of Surplus Funds to County FPD Accounts				
Madison County	1,882,480	1,882,480	1,190,443	692,037
Monroe County	197,080	197,080	124,630	72,450
St. Clair County	1,920,440	1,920,440	1,214,448	705,992
Total Refund of Surplus Funds to County	<u>4,000,000</u>	<u>4,000,000</u>	<u>2,529,521</u>	<u>1,470,479</u>
Debt Service				
Principal and Interest	7,101,239	7,101,239	7,101,239	-
Federal Interest Subsidy	(844,610)	(844,610)	(421,850)	(422,760)
Total Debt Service	<u>6,256,629</u>	<u>6,256,629</u>	<u>6,679,389</u>	<u>(422,760)</u>
Total Operating Expenses	<u>64,579,181</u>	<u>64,579,181</u>	<u>34,712,778</u>	<u>29,866,403</u>
General and Administrative Costs				
Salaries, Benefits	206,000	206,000	139,754	66,246
Bank Service Charges	1,500	1,500	1,127	373
Conference Registration	500	500	311	189
Equipment and Software	2,000	2,000	-	2,000
Fiscal Agency Services	26,500	26,500	20,900	5,600
Audit Services	15,000	15,000	-	15,000
Meeting Expenses	1,000	1,000	-	1,000
Postage/Delivery	400	400	273	127
Printing/Photocopies	2,500	2,500	1,866	634
Professional Services	20,000	20,000	191	19,809
Publications/Subscriptions	250	250	114	136
Supplies	1,500	1,500	2,213	(713)
Telecommunications/Internet	2,500	2,500	1,748	752
Travel	7,500	7,500	165	7,335
Insurance	1,000	1,000	968	32
Total General & Administrative Costs	<u>288,150</u>	<u>288,150</u>	<u>169,630</u>	<u>118,520</u>
Total Expenditures	<u>64,867,331</u>	<u>64,867,331</u>	<u>34,882,408</u>	<u>29,984,923</u>
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	(53,612,331)	(53,612,331)	(26,190,994)	27,421,337
OTHER FINANCING SOURCES				
Proceeds From Borrowing	-	-	-	-
NET CHANGE IN FUND BALANCE	<u>\$ (53,612,331)</u>	<u>\$ (53,612,331)</u>	<u>\$ (26,190,994)</u>	<u>\$ 27,421,337</u>

Flood Prevention District Sales Tax Trends 2009-2016

2009												County Share		
	Jan	Feb	March	April	May	June	July	August	Sept	October	November	December	Total	
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		
% change/month	9.51%	10.36%	11.74%	14.8%	5.7%	5.9%	5.4%	5.8%	2.1%	5.0%	6.0%	3.8%		
% change/total	9.51%	9.95%	10.62%	11.72%	10.39%	9.56%	8.95%	8.54%	7.79%	7.50%	7.35%	6.96%	6.96%	
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		
% change/month	3.29%	0.71%	-0.40%	-0.94%	2.26%	4.77%	2.20%	5.77%	5.10%	-0.32%	0.34%	1.39%		
% change/total	3.29%	1.96%	1.06%	0.52%	0.88%	1.58%	1.67%	2.18%	2.50%	2.22%	2.04%	1.97%	1.97%	
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		
% change/month	-0.21%	5.76%	3.21%	1.29%	5.48%	-0.27%	-2.01%	-3.02%	-2.13%	-0.07%	-2.11%	-1.68%		
% change/total	-0.21%	2.83%	2.98%	2.52%	3.15%	2.52%	1.87%	1.23%	0.85%	0.76%	0.49%	0.26%	0.26%	

Flood Prevention District Sales Tax Trends 2009-2016

Monthly Receipts 2009-2012-2015-2016



SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
SUPPLEMENTARY SUPPORTING SCHEDULE
BANK TRANSACTIONS
June 30, 2016

Beginning Bank Balance June 1,			\$	692,840.70
Receipts				
UMB	06/15/2016	Funds transfer/ Construction		1,166,071.00
UMB	06/15/2016	Funds transfer/ Admin		16,737.46
The Bank of Edwardsville	06/30/2016	June Interest		153.99
			\$	1,182,962.45
Disbursements				
Dorgan, McPike & Assoc, LTD	06/01/2016	Legal & Legislative		3,000.00
Smith Dawson & Andrews	06/01/2016	Government Relations		5,000.00
Microsoft Office	06/02/2016	Subscription		0.99
ABNA	06/02/2016	Design & Construction		9,228.05
ABNA	06/07/2016	Design & Construction		5,148.75
Sprague & Urban Attorneys at Law	06/08/2016	Legal & Legislative		825.00
Amec Foster Wheeler Environment & Infracore	06/08/2016	Design & Construction		378,921.54
Endica	06/08/2016	Postage		50.00
Walmart	06/08/2016	Office Supplies		17.93
Office Depot	06/09/2016	Office Supplies		9.07
Walmart	06/09/2016	Office Supplies		22.69
Walmart	06/09/2016	Office Supplies		7.18
AT & T	06/13/2016	Telephone		52.16
CliftonLarsonAllen LLP	06/13/2016	Fiscal Agent		2,200.00
Columbia Capital	06/13/2016	Financial Advisor		1,500.00
Husch Blackwell	06/14/2016	Legal & Legislative		40,530.90
Cost Less Copy Center	06/15/2016	Board Meeting Materials		168.00
The Bank of Edwardsville	06/15/2016	Wire Fee		10.00
The Bank of Edwardsville	06/16/2016	Wire Fee		10.00
Keller Construction Inc	06/16/2016	Construction		233,279.88
Keller Construction Inc	06/16/2016	Construction		4,721.50
The Lane Construction Corporation	06/16/2016	Construction		66,077.10
TREVIIICOS South	06/16/2016	Construction		412,268.28
The Bank of Edwardsville	06/16/2016	Wire Fee		15.00
The Bank of Edwardsville	06/16/2016	Wire Fee		15.00
The Bank of Edwardsville	06/16/2016	Wire Fee		15.00
Walmart	06/20/2016	Office Supplies		21.41
The Bank of Edwardsville	06/22/2016	Wire Fee		15.00
Hill International, Inc	06/22/2016	Legal Construction		1,797.50
East-West Gateway Council of Governments	06/30/2016	Supervisory Mgt Services		16,864.26
The Bank of Edwardsville	06/30/2016	Bank Service Charge		17.08
			\$	1,181,809.27
			\$	693,993.88



Memo to: Board of Directors
From: Chuck Etwert
Subject: FY 2017 Annual Budget
Date: July 18, 2016

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

The FY 2017 budget focuses on the completion of all construction needed to achieve FEMA accreditation. Unfortunately, during FY2016 we experienced delays due to high river conditions, the Corps of Engineers offering a cost saving construction alternative not previously mentioned, and the East St. Louis 126-inch Sewer Project being added the certification process. This has pushed the accreditation schedule back an additional eight to ten months to August/October 2017.

We will enter FY 2017 with the nine current construction contract packages being over eighty percent complete, and all of them being completed before the end of the year. The East St. Louis 126-inch Sewer Project should be completed by the end of March 2017.

Certification reports will be submitted to FEMA, approximately four months after each levee system is completed. Amec Foster Wheeler will be preparing reports for Lower Wood River, Wood River East/West Forks, and Prairie Du Pont/Fish Lake.

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

The FEMA accreditation process is anticipated to take four months.

A draft FY 2017 budget is shown in Table 1.

Table 1

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
PROPOSED BUDGET
OCTOBER 1, 2016 THRU SEPTEMBER 30, 2017**

	ACTUAL EXPENDITURES		ADOPTED BUDGET		PROJECTED EXPENDITURES		PROPOSED BUDGET	
	OCTOBER 1, 2014 THRU SEPTEMBER 30, 2015		OCTOBER 1, 2015 THRU SEPTEMBER 30, 2016		OCTOBER 1, 2015 THRU SEPTEMBER 30, 2016		OCTOBER 1, 2016 THRU SEPTEMBER 30, 2017	
REVENUES								
Sales Tax Proceeds From Districts	\$	11,378,530	\$	11,500,000	\$	11,596,054	\$	11,750,000
Interest Income		273,556		75,000		639,682		640,000
Other Contributions						5		-
Total Revenues	\$	11,652,086	\$	11,575,000	\$	12,235,741	\$	12,390,000
EXPENDITURES								
Design and Construction								
Engineering Design & Construction		2,912,215		14,933,787		7,087,879		9,197,055
Management								
Construction		26,860,281		44,674,432		25,295,713		21,340,515
USACE Authorized Level Costs				2,739,245	\$	2,439,618		5,760,115
Total Design and Construction	\$	29,772,496	\$	62,347,464	\$	34,823,210	\$	36,297,685
Professional Services								
Legal & Legislative Consulting		287,219		391,000		457,006		458,500
Diversity Program Manager		64,380		25,130		27,680		25,000
Financial Advisor		28,801		83,200		110,849		65,000
Bond Trustee Fee		9,778		10,000		11,127		12,000
Total Professional Services	\$	390,178	\$	509,330	\$	606,662	\$	560,500
Refund of Surplus Funds to County FPD Accounts								
Total Refund of Surplus Funds to County	\$	3,237,778	\$	4,000,000	\$	4,000,000	\$	4,000,000
Debt Service								
Principal and Interest		7,101,239		7,103,089		9,483,278		10,725,020
Federal Interest Subsidy		(843,700)		(843,700)		(848,250)		(848,250)
Total Debt Service	\$	6,257,539	\$	6,259,389	\$	8,635,028	\$	9,876,770
Total Design & Construction Expenses	\$	39,657,991	\$	73,116,183	\$	48,064,900	\$	50,734,955
General and Administrative Costs								
Salaries, Benefits		193,656		196,500		196,912		203,000
Advertising		-		-		-		-
Bank Service Charges		1,472		1,500		1,536		1,500
Annual IL Lobbyist Registration		311		350		307		350
Equipment and Software		25		2,000		577		2,000
Fiscal Agency Services		27,200		29,000		26,200		30,000
Audit Services		14,500		15,000		15,000		15,500
Meeting Expenses		-		1,000		-		1,000
Postage/Delivery		358		400		369		400
Printing/Photocopies		2,890		2,500		3,999		3,500
Professional Services		191		10,000		257		10,000
Publications/Subscriptions		117		250		118		250
Supplies		2,982		3,000		3,548		3,300
Telecommunications/Internet		2,507		3,000		2,541		3,000
Travel		458		5,000		799		5,000
Insurance		968		1,000		942		1,000
Total General & Administrative Costs		247,635	\$	270,500	\$	253,105		279,800
Total Expenditures		39,905,626	\$	73,386,683	\$	48,318,005		51,014,755
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES		(28,253,540)	\$	(61,811,683)	\$	(36,082,264)	\$	(38,624,755)
OTHER FINANCING SOURCES								
Proceeds From Borrowing		-	\$	77,545,236		83,835,000	\$	-
NET CHANGE IN FUND BALANCE	\$	(28,253,540)	\$	15,733,553	\$	47,752,736	\$	(38,624,755)

The construction of the project did not progress as fast as expected in the FY2016. After completing \$14.5 million of construction FY 2014 and \$26.7 million in FY2015, it appears that approximately \$25 million will be completed in FY 2016, leaving a balance of \$11.2 million to be completed in FY 2017. However, construction of all of the 100-Year Projects will be completed in FY 2017. Administrative expenditures, which are a relatively small portion of our costs, remain virtually unchanged for the next year.

In general, expenditures for next year's budget are based on completion of the 100 Year Level of Protection Projects, and the continuation of the 500-Year Authorized Level Projects. I have continued the past practice of making conservative revenue and expenditure assumptions.

Key assumptions are:

1. All 100-Year Level project construction will be completed by March 31, 2017 and FEMA certification will be achieved by late summer or fall of 2017.
2. The level of Council staffing does not change in FY 2017, and general and administrative costs continue to remain a very small portion of the project expenditures (less than 1%). Staff resources continue to be supplemented by the significant use of consulting and professional services.
3. In accordance with the bond indenture, all sales tax receipts are intercepted by the Trustee and any surpluses after payment of debt service and Council administrative costs will be transferred back to the county FPD funds for use in future project financing. These transfers are shown as expenditures in the budget.
4. A 10% construction cost contingency is included for all remaining construction on all projects currently being built or to be built.
5. Sales tax revenue is estimated to increase by 1.00% over last year, our highest level of receipts. Our current increase level thru June of this year is 1.74%. Interest income is based on information received from our financial advisor
6. Funding for Corps of Engineers' oversight on FPD design and construction has been included. These funds will satisfy the Corps of Engineers' five percent cash requirement on future projects constructed by the Corps.
7. The Council will continue to work with levee districts in establishing funding sources, where and if needed, for the maintenance and operations of the 100-Year improvements being built.
8. With the sale of additional revenue bonds in FY 2016, current Authorized Level funding is anticipated to be about \$86 million.
9. County FPD sales tax funds will be used for the 500-Year Authorized Level Projects, after all of the Council's funds have been utilized.

I have also put together a two year expenditure chart, in addition to our regular proposed budget, which goes through fiscal year 2017 and includes all costs for the completion of the 100-Year Projects and initial costs for the 500-Year Authorized Level Projects. This chart provides an additional breakdown of expected design and construction costs.

Table 2 shows estimated Council project expenditures for design, construction and operations.

Table 3 compares expenses to revenues between 7/1/2016 and 9/30/2017. The table illustrates, as of July 1, 2016, all 2010 Bond Issue construction funds have been spent, the amount of available 2015 Bond Issue construction funds is \$70,216,710, and total amount of individual County FPD funds is \$27,531,855.

Table 4 illustrates that currently anticipated Authorized Level funding is approximately \$86 million.

These tables and the draft budget illustrate that the Council will meet its goal of achieving FEMA certification with the revenue available from the dedicated FPD sales tax and have sufficient funds available for Authorized Level improvements. Easements, high river stages, and construction delays have push accreditation back but we are well on our way to achieving accreditation in 2017.

After considering any comments or suggestions over the next month, a final FY 2017 budget will be presented at the August Board meeting for adoption and forwarding to the county boards for their approval.

Table 2
Estimated Project Expenditures 10.1.2015 -9.30.2017

Design & Construction Management	FY 2016	FY 2017	TOTAL 2 YEAR COST
Engineering Design			
<i>W. O. #1 Program Mgmt.</i>	\$212,772	\$239,853	\$452,625
<i>W. O. #3 Preconstruction Activities</i>	\$56,412	\$100,000	\$156,412
<i>W. O. #7 Final Design</i>	\$17,000	\$2,485	\$19,485
<i>W. O. #9 Wood River Cutoff Walls</i>	\$37,412	\$25,000	\$62,412
<i>W. O. #11 FEMA Certification Services</i>	\$71,473	\$224,481	\$295,954
<i>W. O. #12 Authorized Level Planning Services</i>	\$141,999	\$44,577	\$186,576
<i>W.O. #15 East St. Louis Combined Sewer</i>	\$145,014	\$20,000	\$165,014
Authorized Level Work Orders			
<i>W.O. #13 Wood River Field & Design Activities BP #8, #9, & #10</i>	\$546,982	\$175,000	\$721,982
<i>W.O. #13 Wood River Additional (if Corps obtains review funds)</i>	\$185,000	\$1,200,000	\$1,385,000
<i>W.O. #14 MESD Field & Design Activities</i>	\$2,600,449	\$3,000,000	\$5,600,449
<i>Prairie Du Pont/Fish Lake Field Activities</i>	\$0	\$2,400,000	\$2,400,000
<i>Prairie Du Pont/Fish Lake Design</i>	\$50,000	\$600,000	\$650,000
Construction Management.			
<i>W. O. #8 Construction Management BP #1 - #6 & Amendment #4</i>	\$1,748,815	\$600,864	\$2,349,679
<i>W. O. #10 Construction Management BP #7A & #7B</i>	\$1,047,149	\$100,000	\$1,147,149
<i>W.O # ? Construction Management BP #8 & BP #14</i>	\$0	\$50,000	\$50,000
<i>WO#16 Construction Management BP5A (ESTL Sewer)</i>	\$0	\$250,000	\$250,000
<i>QC/Materials Testing</i>	\$227,402	\$164,795	\$392,197
TOTAL ENGINEERING DESIGN & CONSTRUCTION MGMT.	\$7,087,879	\$9,197,055	\$16,284,934
Construction			
<i>Bid Package #2B</i>	\$776,470	\$556,830	\$1,333,300
<i>Bid Package #2C</i>	\$281,632	\$3,390	\$285,022
<i>Bid Package #3</i>	\$6,752,613	\$1,024,311	\$7,776,924
<i>Bid Package #4</i>	\$1,165,306	\$2,668,709	\$3,834,015
<i>Bid Package #5</i>	\$2,154,091	\$6,317,826	\$8,471,917
<i>Bid Package #6</i>	\$1,264,920	\$340,717	\$1,605,637
<i>Bid Package #7B</i>	\$11,715,663	\$1,262,349	\$12,978,012
<i>East St. Louis Combined Sewer</i>	\$0	\$4,000,000	\$4,000,000
<i>Bid Package # 8</i>	\$0	\$400,000	\$400,000
<i>Bid Package #14</i>	\$0	\$400,000	\$400,000
<i>Contingency (10% FPD Construction)</i>	\$0	\$1,697,413	\$1,697,413
<i>Property Acquisition 100-Year Projects</i>	\$123,909	\$0	\$123,909
<i>Property Acquisition Authorized Level - Wood River</i>	\$0	\$125,000	\$125,000
<i>Property Acquisition Authorized Level - East St. Louis</i>	\$0	\$300,000	\$300,000
<i>Property Acquisition Authorized Level - Prairie Du Pont/Fish Lake</i>	\$0	\$175,000	\$175,000
<i>Wetland Mitigation</i>	\$27,970	\$27,970	\$55,940
<i>HazMat Mitigation</i>	\$251,792	\$1,500,000	\$1,751,792
<i>Legal</i>	\$781,347	\$541,000	\$1,322,347
<i>Corps of Eng. Authorized Level Costs (Oversight)</i>	\$2,439,618	\$5,760,115	\$8,199,733
TOTAL CONSTRUCTION	\$27,735,331	\$27,100,630	\$54,835,961
TOTAL ENGINEERING DESIGN & CONSTRUCTION	\$34,823,210	\$36,297,685	\$71,120,895
REFUND OF SURPLUS FUNDS TO COUNTY FPD ACCOUNTS	\$4,000,000	\$4,000,000	\$8,000,000

Operations & Financing			
<i>General & Administrative</i>	\$253,105	\$279,800	\$532,905
<i>Debt Service</i>	\$9,483,278	\$10,725,020	\$20,208,298
<i>Interest Rate Subsidy</i>	(\$848,250)	(\$848,250)	(\$1,696,500)
Professional Services			
<i>Legal</i>	\$361,006	\$362,500	\$723,506
<i>Legislative</i>	\$96,000	\$96,000	\$192,000
<i>Financial Advisor</i>	\$110,849	\$65,000	\$175,849
<i>Diversity Program Mgr.</i>	\$27,680	\$25,000	\$52,680
<i>Bond Trustee</i>	\$11,127	\$12,000	\$23,127
	TOTAL OPERATIONS	\$9,494,795	\$10,717,070
	TOTAL EXPENSES	\$48,318,005	\$51,014,755
		\$20,211,865	\$99,332,760

Table 3

Estimated Revenues 7.1.2016 - 9.30.2017

Fund Sources	
<i>Cash on hand (6/30/16)</i>	\$712,058
<i>2010 Bond Project Funds (6/30/2016)</i>	\$0
<i>2015 Bond Project Funds (6/30/2016)</i>	\$70,216,710
<i>County FPD Tax Bal. (6/30/2016)</i>	\$27,531,855
<i>Sales Tax Revenue (7/1/2016-9/30/2016)</i>	\$2,990,000
<i>Interest Income (7/1/2016-9/30/2016)</i>	\$200,000
<i>Sales Tax Revenue (10/1/2016-9/30/2017)</i>	\$11,750,000
<i>Interest Income (10/1/2016-9/30/2017)</i>	\$640,000
Total Available Funds	\$114,040,623

Estimated Expenditures 7.1.2016 - 9.30.2017

Expenditures	
<i>Engineering Design and Construction Mgmt. (7/1/2016-9/30/2016)</i>	\$2,729,724
<i>Construction (7/1/2016-9/30/2016)</i>	\$6,119,019
<i>Professional Services (7/1/2016-9/30/2016)</i>	\$149,525
<i>General & Administrative (7/1/2016-9/30/2016)</i>	\$61,590
<i>Federal Interest Subsidy</i>	(\$424,125)
<i>Engineering Design and Construction Mgmt. (10/1/2016-9/30/2017)</i>	\$9,197,055
<i>Construction (10/1/2016-9/30/2017)</i>	\$27,100,630
<i>Professional Services (10/1/2016-9/30/2017)</i>	\$560,500
<i>Debt Service (10/1/2016-9/30/2017)</i>	\$9,876,770
<i>General & Administrative (10/1/2016-9/30/2017)</i>	\$279,800
Estimated Expenditures	\$55,650,488
Net Available Funds	\$58,390,135

Table 4

Current Anticipated Authorized Level Funding

<i>Design FY2016 & FY 2017</i>	\$10,994,007
<i>Concrete Pipe Change Orders</i>	\$9,446,022
<i>FPD Construction FY2017</i>	\$1,400,000
<i>Corps of Engineers (Oversight)</i>	\$5,760,115
<i>Construction Contingencies</i>	\$80,000
<i>Net Available Funds (9/30/2017)</i>	\$58,390,135
Total Estimated Available Authorized Level Funds	\$86,070,279



Memo to: Board of Directors

From: Chuck Etwert

Subject: Change Orders BP #3, BP #5, BP #6, and BP #7B

Date: July 18, 2016

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 change orders on Bid Packages #3, #5, #6, and #7B, which Amec Foster Wheeler will be explaining at the meeting.

Bid Package 03 – Hartford Sluice Gate and Manhole Replacement - \$149,482.00

The Wood River Drainage & Levee District has notified Amec Foster Wheeler that a sluice gate adjacent to the existing Hawthorne Pump Station is in need of repair, rehabilitation, or replacement. Amec Foster Wheeler's underseepage control design relies on the operation of this sluice gate for the operational control in this area; therefore, replacement of this sluice gate has been added to the project. Replacement of the sluice gate was selected over rehabilitation after a condition assessment of the gate by Amec Foster Wheeler and initial cost estimates which indicated that replacement was more cost effective than rehabilitation in this instance.

In the same area, the original plans called for installation of a 48" check valve in the Village of Hartford sewer. In order to install that check valve, there is an existing weir in the upstream manhole that will need to be removed and replaced. A recent field investigation of the manhole showed that the existing brick and mortar manhole has too much structural deterioration to support the new weir. A new, precast concrete, structure will be installed in order to expedite construction and minimize risk to the new weir structure and check valve. The weir structure diverts sanitary sewer flow,

therefore, a failure of the weir would cause sanitary sewer to flow into the roadside ditch adjacent to IL-3, and potentially to the Mississippi River.

Bid Package 03 – Flood Prevention Efforts June 2015 - \$6,668.24

During an audit of costs incurred during the flood fight of June 2015, the contractor found costs billed by their subcontractors that had not been submitted to SIFPDC. During the flood fight, the contractor was directed by Amec Foster Wheeler and USACE to fill in all temporary relief well casings that had been pre-drilled with filter pack and/or sand to prevent an uncontrolled seepage path.

Bid Package 03 – Russell Commons Park Imported Fill - \$4,600.00

As discussed at the September 2015 board meeting, in Upper Wood River (UWR), at Russell Commons Park, there were seven manhole excavations that produced material that consisted of trash/debris. This discovered trash/debris was considered a differing site condition. During an internal audit, the contractor discovered an error in the deductive change order that reduced the original ROM estimate from \$780,000.00 to \$173,328.82. Part A of this change order included removing waste onsite and then replacing with clean imported fill. The contractor discovered an error in their load count totals, thus revising their total load count of imported fill from 415 to 461 loads (46 additional loads). Amec Foster Wheeler has confirmed that the contractor's new load count is accurate and should be compensated at \$100/Load as originally agreed. (46 Loads x \$100/Load = \$4,600.00).

Bid Package 03 – Blanket Drain 4 End Section Credit – (\$11,273.20)

The end section in the original scope of work included a 42" Proco 730 Check valve but was replaced with a standard IDOT 42" precast flared end section. This price includes credit for the full cost of the check valve and an additional cost for the flared end section.

Bid Package 03 – Credit Relief Well Floor Drain Deletion – (\$8,793.84)

Prior to work beginning on BP03, the levee districts voiced their concern with the increased flow coming up through the manhole structure "drains" prior to the river/ground water levels being high enough for the relief wells to flow. This price includes a credit for not installing/purchasing 25 floor drains, salvage value for 8 floor drains that had already been purchased, and an additive cost for plugging 8 floor drains that were installed prior to receiving direction to not install.

- Delete relief well floor drains – 25 @ \$350.00/ea. = (\$8,750)
- Delete relief well floor drains less salvage value – 8 @ \$115.00/ea. = (\$920.00)
- Plug relief well floor drains – 8 @ \$109.52/ea. = \$876.16
- Net Change Order: (\$8,793.84)

Bid Package 05 – RW Floor Drain Plugging & Deletion - \$3,850.10

After completion of all RWs and the HDPE collector systems on BP05, the pump stations constructed under a previous contract were commissioned and put into service. After a few weeks of operating the stations it was noted by the MESD operators that the pump stations were frequently cycling due to the low flow coming up through the manhole structure “drains” at river levels that would not normally warrant operation. As requested by the End User, the contractor submitted a plan to remove the floor drain cap, plug with a 2” mechanical plug, and then cap with grout. This price includes plugging 37 relief well manhole floor drains and a credit for 2 floor drains that were not installed.

- Delete relief well floor drains less salvage value – 2 @ \$101.07/ea. = (\$202.14)
- Plug relief well floor drain – 37 @ \$109.52/ea. = \$4,052.24
- Net Change Order: \$3,850.10

Bid Package 06 - Remobilization Charge for RW 70A, 70B, and 70C - \$22,130.00

The contractor has requested 16 hours of time for ‘remobilization’ due to the unexpected moving their relief well driller in order to avoid areas where temporary construction easements had expired and land owner farm equipment was blocking the area to be drilled. Amec Foster Wheeler has disputed this change order request for over a year, and felt that if anything is owed, then it should be for no more than 8 hours of time associated with remobilization. On June 22, 2016 the contractor sent a letter requesting mediation to resolve this claim. On June 25, 2016 the contractor offered to settle for 12 hours of time for remobilization, totaling \$22,130.00. The choice is to settle by issuing a change order in the amount of \$22,130.00, or enter into mediation and become susceptible to the complete cost in dispute, which is \$29,506.67. Amec Foster Wheeler is confident that a strong case against the contractor can be made, but the costs for professional services would certainly outweigh the difference between \$29,506.67 and \$22,130.00, and could very well exceed even the total requested amount of \$29,506.67. After discussions with the Chief Supervisor, it was determined, it would be best financially, to proceed with a change order for \$22,130.00.

Bid Package 06 – Quantity Rectification for Seepage Berms and Clay Caps - \$196,152.42

Throughout the duration of this bid package, the quantity over/under rectifications for earthwork operations on seepage berms and clay caps have been held until all of the work was complete and completed surveys were performed. Over the past several months Amec Foster Wheeler has worked with the contractor, Lane Construction, to determine any additional costs owed to the contractor for unit price earthwork operations. The total additional costs associated with earthwork are \$196,152.42, which is based on the unit prices originally bid by Lane Construction. The bid price for these earthwork items was \$6.07 Million, thereby making this change order approximately 3.2% of the initial bid quantity.

Bid Package 7B – December 2015 and January 2016 Flood Costs - \$428,578.26

During the December 2015/January 2016 flood event the contractor for Bid Package 7B (TREVIIICOS), and their sub-consultants, performed various tasks associated with flood fighting and protection of ongoing work associated with the flood waters. Additionally, TREVIIICOS had costs associated with demobilizing certain equipment in order to avoid inundation by flood waters, as well as costs associated with remobilization. Amec Foster Wheeler and Husch Blackwell reviewed the “Request for Equitable Adjustment #1” submitted by TREVIIICOS, which totaled approximately \$825,000. After a review of the contract and daily reports, as well as several discussions with TREVIIICOS, it was determined that only a portion of the costs requested by TREVIIICOS were allowed/owed by the terms of the contract. The allowable/owed costs amount to \$428,578.26. In addition to the costs, the TREVIIICOS completion schedule was extended; however, this time extension does not impact the overall certification timeline for the Lower Wood River levee section.

Recommendation:

Authorize the Chief Supervisor to approve the requested change orders:

For BP #3 with Keller Construction:

Bid Package #3 – Hartford Sluice Gate and Manhole Replacement \$149,482.00;

Bid Package #3 – Flood Prevention Efforts June 2015 \$6,668.24;

Bid Package #3 – Russell Commons Park Imported Fill \$4,600.00;

Bid Package #3 – Blanket Drain 4 End Section Credit (11,273.20);

Bid Package #3 – Credit Relief Well Floor Drain Deletion (\$8,793.84);

For BP #5 with Keller Construction:

Bid Package #5 – RW Floor Drain Plugging & Deletion \$3,850.10;

For BP #6 with Lane Construction:

Bid Package #6 – Remobilization Charge for RW 70A, 70B, and 70C \$22,130.00;

Bid Package #6 – Quantity Rectification for Seepage Berms and Clay Caps \$196,152.42; and

For BP #7B with TREVIIICOS South:

Bid Package #7B – December 2015 and January 2016 Flood Costs \$428,578.26

for a total not to exceed **\$791,393.98**.