



**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
BOARD OF DIRECTORS MEETING
January 18, 2017 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 December 21, 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
Jon Omgig, Amec Foster Wheeler
7. Commitment to Provide Cost-Share to the Corps of Engineers to continue Design Deficiency Project Activities for the Design of Levee System Improvements for the Authorized Level of Flood Protection in the East St. Louis And Wood River Drainage and levee Districts.
Chuck Etwert, Chief Supervisor
8. Change Orders – BP #3 & BP #4
AMEC Environment & Infrastructure
Chuck Etwert, Chief Supervisor
9. Update from Corps of Engineers
Tracey Kelsey, U.S. Army Corps of Engineers

AGENDA

10. Public Comment

Executive Session – Personnel

11. Extension of Chief Supervisor of Construction and the Works Contract
Ron Motil, President

12. Other Business

13. Adjournment

Next Meeting: February 15, 2017

MINUTES

SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL BOARD OF DIRECTORS MEETING December 21, 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 December 21, 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
Ronald Polka, Monroe County Flood Prevention District
Tom Long, Madison County Flood Prevention District
Debra Moore, (Chair, St. Clair County Flood Prevention District)

Members Absent

Alvin Parks, Jr., St. Clair County Flood Prevention District

Others in Attendance

Robert Elmore, Monroe County Board Chair
Mark Kern, St. Clair County Board Chair
Kurt Prenzler, Madison County Board Chair
Chuck Etwert, SW Illinois FPD Council
Randy Cook, Amec Foster Wheeler Environment & Infrastructure
Mike Feldmann, U.S. Army Corps of Engineers
David Human, Husch Blackwell LLP
Ronald S. Kaempfe, IUOE Local 520
Tracey Kelsey, U.S. Army Corps of Engineers
Kevin Koenigstein, Monroe County Treasurer
Lance D. Lunte, Lochmueller Group
Rick Mauch, SCI Engineering
Jay Martin, Amec Foster Wheeler Environment & Infrastructure
Blake Meinders, Sprague & Urban
Col. Anthony P. Mitchell, U.S. Army Corps of Engineers
Jack Norman, Illinois Groundwater Advisory Council
David Oates, Oates Associates
Jon Omvig, Amec Foster Wheeler Environment & Infrastructure
John Peukert, U.S. Army Corps of Engineers

Ken Slavens, Husch Blackwell LLP
Cas Sheppard, SMS Engineers
Dale Stewart, Southwestern Illinois Building Trades Council
Matt Vielhaber, U.S. Army Corps of Engineers
Delbert Wittenauer, Monroe County

Call to order

President Ron Motil noted the presence of a quorum and called the meeting to order at 7:31 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 - absent
Mr. Conrad - Present
Mr. Long – Present
Dr. Moore – absent
Mr. Motil – Present
Mr. Parks – absent

A quorum was present.

Approval of Minutes of November 16, 2016

A motion was made by Bruce Brinkman, seconded by Tom Long, to approve the minutes of the Board meeting held on November 16, 2016. Mr. Conrad called the roll and the following votes were made on the motion:

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

Mr. Bergkoetter arrived.

Program Status Report

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

He indicated, approximately 85% of the \$74.2 million of construction, involved in all ten current construction bid packages, including the 126 Inch Sewer Repair, has been completed thru November. The amount of work completed during the month was \$1,422,130. The total amount of construction completed is now \$63.5 million.

He explained that there was a brief spike in the elevation of the Mississippi River shortly after the last Board meeting but contractors were able to continue working. The current elevation is below five feet and is projected to remain below five feet for the next two weeks, which is good news.

Next, he reported that the Council's first certification package had been submitted to FEMA. On December 5th Amec Foster Wheeler submitted the levee certification package for the East and West Fork Levee System in Madison County. The certification package for the Upper Wood River Levee System in Madison County, which includes Mel Price, is anticipated to be submitted by the Corps of Engineers early next year.

Lastly, he informed the Board that FEMA held meetings in Madison, Monroe and St. Clair Counties in early December to discuss local flood-related issues, identify potential strategies or actions to reduce flood risk, and provide information regarding potential resources or programs designed to support the reduction of flood risk. The FEMA levee accreditation schedule handout provided at the meetings continues correlate with our schedule of submitting levee accreditation packages to them in 2017. A copy of the FEMA handout was included in the agenda package.

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

A motion was made by Mr. Polka, seconded by Mr. Bergkoetter, to accept the Program Status Report for December 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 - absent
Mr. Motil - Aye

Mr. Parks – 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 November 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 November 30, 2016, as compared to the fiscal year budget.

Accrued expenditures for the current fiscal year beginning on October 1, 2016 are \$6,618,042 while revenues amounted to \$2,010,994 resulting in a deficit of \$4,607,048. A total of \$27,642,608 is held by the counties in their respective FPD sales tax funds and is available for the Council's use on the project. This amount was verified by checking with each of the three counties this month. With the additional 2015 Bond Issue debt and the ongoing construction, there hasn't been any deposits to the county sales tax funds since April.

Monthly sales tax receipts of \$960,144 for September 2016 (the latest month reported by the Illinois Department of Revenue) were up 0.47% from last year. Total receipts for the year are up 0.43% from last year, which was our highest year.

The report included bank transactions for November 2016. Total disbursements for the month were \$1,824,575.84. The largest payments were to Keller Construction for BP #3 & BP #5, Haier Plumbing for BP #4, Lane Construction for BP #6, Amec Foster Wheeler, Husch Blackwell and Hill International.

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

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

Dr. Moore arrived during the presentation.

A motion was made by Mr. Long, seconded by Mr. Conrad, to accept the budget report and approve the disbursements for November 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

The motion was approved unanimously.

Design and Construction Update

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

Construction Status

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

- Pipe Replacement

Pump Station Site 05 – 90% Complete. Ameren reestablishing power the week of Dec 19

Pump Station Sites 10 & 12 – 0% Complete

Pump Station Site 16 – 75% Complete. Final backfill as weather allows.

Bid Package 3 – Wood River Seepage Improvements

- Nearly Complete
- Relief well abandonments still remain
- Manhole replacement work remains
- Punch list items remain

Bid Package 4 – MESD Seepage Improvements (Conoco Phillips)

- Pipe Replacement

Dewatering began on Dec 7 (requires 2-3 weeks to draw down groundwater)

Awaiting pipe delivery

Bid Package 5 – MESD Seepage Improvements

- Pipe Replacement –

Pump Station Sites 10 & 12 Collector System – 0% Complete

Pump Station Site 16 Collector System – 75% Complete

- Clay Cap

Clay placement will begin Spring 2017

Bid Package 5A – East St. Louis Sewer

- Contractor is under contract
- Submittal prep/review underway
- Corps has relayed no further permits are required
- CCTV of 126” sewer completed on Dec 7

No large holes or voids in the pipe

Infiltration of water/soil is the problem

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

- Only punch list items remain:

Cleaning & CCTV of a pipe system (scheduled for the week of Dec.26)

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

- Project is substantially complete.
- Installation of 5 relief wells is all that remains – awaiting groundwater levels to fall.

Construction Photos

Bid Package 2B – PdP – Site 05 Pipe Replacement Backfill

Bid Package 5 – MESD – Site 16 Collector System

Bid Package 5 – MESD – Site 16 Collector System

Bid Package 5 – MESD – Site 16 Collector System

He next discussed the FEMA Certification packages.

FEMA Certification Update

Upper Wood River

- Do not anticipate further action from FPD Council or Amec Foster Wheeler

Wood River East & West Forks

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

Lower Wood River

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

MESD

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

Prairie du Pont & Fish Lake

- Pending completion of Bid Packages 2B, 5A & 6
- Construction completion Q1 of 2017

- Efforts are underway preparing the package
- Submit to FEMA 2nd Quarter of 2017

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

Authorized Level (500-Year) Design

Wood River – Bid Packages 8, 9, and 10

- Bid Package 8 – an alternative was selected and we are working to complete the drilling program
- Bid Packages 9 & 10 require additional borings; on hold pending USACE funding.

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

- Bid Package 11 – Survey is underway; completing drilling program
- Bid Packages 12 & 13 – Drilling is underway in East St. Louis & Sauget
- Bid Package 14 – 35% Design submittal was sent to USACE on Dec 2. Expect comments this month.

PdP/FL – Bid Package 15

- Boring Plan submitted to USACE (November 10) awaiting approval.
- USACE has received funds to continue re-evaluation of remaining PdP improvements

Lastly, Mr. Martin discussed potential change orders, which may or may not materialize.

Potential Change Orders

Amec Foster Wheeler Work Order 14

- Removing 45 relief wells from project scope
- Adding Costs for Terminal Railroad flagging

Bid Package 3 – Drainage Improvements

- Cut an additional ditch to drain a farm field
- Soil replacement in area that continues to scour prior to established vegetation (replace sand with clay)

Bid Package 7 – Relief well 1038D abandonment

Bid Package 04 – Relief well modifications

- Credit for relief well casing support
- Plug relief well floor drains

Chairman Prenzler arrived during the presentation.

Mr. Motil asked for a motion to accept Mr. Martin’s Design and Construction Update report. A motion was made by Dr. Moore, with a second by Mr. Polka, 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

The motion was approved unanimously.

Mr. Motil welcomed newly elected County Board Chairs, Robert Elmore of Monroe County and Kurt Prenzler of Madison County.

Release of Executive Session Minutes

Mr. Motil asked Mr. Etwert to present the release of the executive session minutes.

Mr. Etwert explained pursuant to 5ILCS 120/2.06(d), the Board of Directors of the Southwestern Illinois Flood Prevention District Council has reviewed the subject matter and discussion of the following meetings and now report in open session that the minutes of these twenty-three

meetings no longer require confidential treatment and are available for public inspection at the Council's office:

July 9, 2009	September 18, 2013	August 20, 2014
January 20, 2010	October 16, 2013	September 17, 2014
February 17, 2010	November 20, 2013	October 15, 2014
May 19, 2010	December 18, 2013	November 19, 2014
February 16, 2011	February 19, 2014	January 21, 2015
July 18, 2012	April 16, 2014	October 21, 2015
July 17, 2013	May 21, 2014	November 3, 2015
August 21, 2013	July 16, 2014	

Furthermore, the need for confidentiality still exists as to all or part of the following fourteen meeting minutes:

February 18, 2015	July 15, 2015	August 17, 2016
March 18, 2015	November 18, 2015	September 21, 2016
April 15, 2015	February 17, 2016	October 14, 2016
May 20, 2015	June 15, 2016	November 16, 2016
June 17, 2015	July 20, 2016	

He noted, the Board of Directors of the Southwestern Illinois Flood Prevention District Council will semi-annually review the minutes of all closed meeting and acknowledge (1) if the need for confidentiality still exists as to all or part of the minutes or (2) that the minutes or portions thereof no longer require confidential treatment and are available for public inspection.

Minutes no longer requiring confidentiality will be released in June and December of each calendar year.

Mr. Motil asked for a motion to accept the public statement which identifies the minutes of the meetings which no longer require confidential treatment and can be released, and the meeting minutes where the need for confidentiality still exists as to all or part of the meeting minutes.

A motion was made by Mr. Bergkoetter, with a second by Mr. Long to accept the public statement which identifies the minutes of the meetings which no longer require confidential treatment and can be released, and the meeting minutes where the need for confidentiality still exists as to all or part of the meeting minutes. 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

The motion was approved.

Mr. Motil explained, the minutes for the twenty-three meetings, between July 9, 2009 and November 3, 2015 being released, were available for public review, however, there remained a need for confidentiality for minutes of fourteen meetings between February 18, 2015 and November 16, 2016.

Corps of Engineers Update

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

Ms. Kelsey provided an update of the current activities of the Corps using a PowerPoint® presentation to illustrate her remarks. Her presentation focused on FEMA Accreditation, SWIFPD WIK Efforts, and Project Status of projects in Wood River, East St. Louis, and Prairie du Pont/Fish Lake as follows:

USACE UPDATE

FEMA Accreditation

- Wood River LSER
 - Received information from AMECFW 01Dec16
 - Preliminary review indicates information is acceptable
 - Team is incorporating information and finalizing Report
- East St. Louis BCRA
 - Scheduled to present report to Levee Senior Oversight Group (LSOG) January 11, 2017 for approval. FPD and AMEC will be invited to the brief

SWIFPD WIK Efforts

- Both Wood River BP 8 and East St. Louis BP 14 are at the 35% review status
- Schedules will be updated

Project Status

- Wood River
 - Accounting for Changes in Project Conditions
 - Completed Re-analysis
 - Risk Assessment/Supplemental Report
 - PPA WIK Amendment
 - Continued WIK Efforts
 - NFS Cost Share/Capability

- East St. Louis
 - Accounting for Changes in Project Conditions
 - Re-analysis in progress
 - Update project costs
 - PPA WIK Amendment
 - Continued WIK Efforts
 - NFS Cost Share/Capability

- Prairie du Pont/Fish Lake
 - Reprogrammed Funds
 - Continue LRR re-analysis of final solution
 - Update total project costs

She noted that the lower portion of the Corps' construction contract for the Upper Wood River Shallow Cutoff Wall has been completed, and the contractor will continue to work on the upper portion.

She reported that the Corps has been looking at and reanalyzing the original solution identified for Wood River to reach the Authorized Level of Protection. The reanalysis is the result of accounting for changes in the project conditions, such as the construction that the FPDC has done for the 100-Year effort, changes in field conditions that have become knowledgeable between the time the report was finished, assumptions made in regard to permeability, and the existing topographic data available at the time.

Since that that time the FPDC has moved forward with actual construction and field work and the Corps has done more exploration. This has resulted in changes to previously made assumptions at the report level. There is an increase in permeabilities and there is more topographic data to work with.

These factors have required a reanalysis to redefine what the solution is for the Authorized Level of Protection (500-Year). As the reanalysis was being completed it became evident that there would be potentially a significant cost increase for the Wood River Authorized Level of Protection. Final numbers aren't available yet, but there is that potential.

As a result of this situation, the Corps is proceeding with a Risk Assessment and a Supplemental Report. The Risk Assessment will take a look at the system thru a tolerable risk view, to see if there are ways to find more effective solutions which could lower costs. The Risk Assessment process has already been started. The Supplemental Report will follow and identify the revised solutions required for the Authorized Level of Protection.

The schedule is currently being finalized, but currently a twenty-four month timeline is estimated for completion of the Risk Assessment and Corps approval of the Supplemental Report.

Mr. Motil asked what happens during this time period of twenty-four months.

Ms. Kelsey responded that the Corps' design of the Lower Wood River Deep Cutoff Wall and the Council's Wood River BP #8 would continue to move forward. They have already been looked at and they don't have to go thru the Risk Assessment /Supplemental Report process.

Mr. Motil asked, if during this twenty-four month period if additional information would become available and again change the requirements to achieve the Authorized Level of Protection. Ms. Kelsey indicated that she didn't anticipate that happening, based on the additional information (topographic data) already available. The original report used 2009-2011 data.

Mr. Motil confirmed that this situation wasn't the fault of the Council or anyone, but a change in how the Corps analyses the situation. Ms. Kelsey indicated that more updated information has come to the Corps' attention, and when that is taken into account it has resulted in significant changes to the solution that had been proposed in the report in 2011. These changes involve the number of relief wells, the number of pump stations, size of berms, etc.

She indicated that most of work would occur in the Lower Wood River area.

Mr. Etwert asked Ms. Kelsey to confirm that the Corps was looking at a cost increase of more than twenty percent, and Corps policy requires that an increase of more than twenty percent of the overall cost of a project requires that a Risk Assessment and a Supplemental Report be performed. Ms. Kelsey confirmed.

Mr. Etwert also indicated from his meeting with the Corps the previous week, the Corps had indicated that the overall cost of the Wood River project currently was around \$52 million dollars and the increase would definitely be much more than the twenty percent level. Corps comments and facial expressions lead him to believe it could be more in the thirty percent range.

He related that a twenty to thirty percent increase in the overall cost of \$52 million, could mean an increase in the non-federal share in the neighborhood of five million dollars.

His biggest concern was with the timeframe presented which indicated twenty four months for Risk Assessment and Supplemental Report approval with a minimum of three more months for approval of the amendment of the Project Partnership Agreement (PPA), for a total of at least twenty seven months.

He stated prior to this reanalysis, Project Partnership Agreement approval was expected next month in January, per Mr. Feldmann. The Council is proceeding doing everything it can to utilize Work In-Kind credit for our thirty-five percent local share. Until the PPA is approved, Work In-Kind credit can only be accumulated, it cannot be utilized.

The plan before this sudden requirement change was that the Council had sufficient five percent cash contribution and there was enough Work In-Kind credit accumulated, whether it was Amec Foster Wheeler's design costs or the \$14 million dollars spent on the Deep Cutoff Wall. If the Corps was fortunate to receive reallocated funds in 2017 or 2018 funds, the Council had its' share that was required and the Corps could build the Deep Cutoff Wall project. Now, if the Corps is fortunate to receive funds, the Council will not be able to use Work In-Kind credit and the Corps will be asking for a 35% cash contribution, which the Council has previously indicated it will not provide (for a project that doesn't have a mandated project labor agreement).

The path forward had been agreed upon, it allowed the Council to move forward and build the projects the Council was designing one hundred percent, and allowed the Corps to build projects they were designing utilizing the Council's previous cash contributions and the Council's Work In-Kind for the nonfederal thirty-five share.

This has changed everything in the Wood River area. It's not because of anything that the Council did or didn't do, it's because of the rules of the Corps of Engineers. He wanted the Board to be aware that this was happening, because six to twelve months from now, he didn't want the Council to be blamed that the Corps lost funding due to lack of a match from the Council. The Plan was establish but this requirement changed the rules.

Mr. Motil asked where the change in the rules came from, if there was any chance of grandfathering the previous analysis, and expressed his concern about another reanalysis in the future. Ms. Kelsey indicated that the rules hadn't changed but the substantial increase in the estimated cost required that these steps be taken. She also indicated, that the previous analysis couldn't be grandfathered to allow these steps to be by-passed and again that she didn't think that there would be any further reanalysis after this one.

It was confirmed that this new Risk Assessment and Supplemental Report only involved the 500-Year level of Protection and had no effect on the 100-Year Level of Protection or FEMA accreditation.

Mr. Feldmann asked to speak and thanked Mr. Etwert for his articulation of the situation, which he felt reflected effective communication between the Corps and the Council's staff and

engineers. He stressed as Ms. Kelsey indicated that the Corps was trying to ensure that the best solutions are being implemented and they are the right and most cost effective solutions. The 2011 fifty-two million dollar decision document was based on the best available information at that time. A lot of new information has shown that the original assumptions made were not all accurate in all locations. The Corps is seeing significant changes which will exceed the twenty percent threshold.

The Corps wants to make sure what they are seeing for the solution is the right thing to do. They want to make sure that there isn't a very large increase that would make the project unaffordable for the federal government or the FPDC, since both entities have limited funds.

The amendment to the PPA caught the Corps off guard internally. The agreement is a legal document, which identifies the project scope and project cost. Today, we are attempting to amend the agreement which has the \$52 million cost in it. The Corps' counsel advised that the agreement couldn't be amended when the new cost hasn't been established.

The timing of the scope change and cost change overlapped the attempt to amend the PPA. Therefore, the amendment of the PPA has to wait for the costs to be finalized so the correct cost is in the agreement. He acknowledged that the impact of approval of the amendment to the PPA taking another 24 months was extremely frustrating.

Mr. Etwert asked Mr. Feldmann if anything in particular had happened during the last month that caused this to happen, since last month Ms. Kelsey had indicated that the Council would receive the update 500-Year Level of Protection costs in a few weeks. There was no hint of a reanalysis, a twenty percent increase, or a twenty-seven month time frame for PPA approval.

He indicated that the Corps awareness of the change had been growing over the last two months. The main issue was that the Corps couldn't find a way to execute the PPA once the significant cost increase was determined. The Corps (including Headquarters and the ASA office in D.C.) was looking at alternatives and didn't want to present its' final answer to the Council until there was a final answer that the entire agency agreed upon.

It was asked how the Corps, if they receive funding in 2018, was going to avoid coming to the Council and asking for thirty-five percent cash funding, when the Corps knows the Councils' stand and answer.

Mr. Feldmann indicated that the Corps was going to meet with Mr. Etwert later in the day to discuss to several alternatives to avoid that situation. The discussion will concentrate on developing the Corps' capability based on the Councils' willingness to provide future cost share. The last thing the Corps wants to happen, is to have federal appropriations come to this area that cannot be used, which reduces the ability to receive future funding.

There was a brief discussion regarding the Chain of Rocks, which the Corps indicated was at the 500-year level.

There was a brief discussion regarding funding for the Risk Assessment and the need for the Council to provide thirty-five percent funding. These funds would count as part of the Councils' five percent cash contribution. The Corps acknowledged the Council position agreeing to provide cost share funds for Corps labor for oversight and design, but not for construction. All funds provided by the Council count as part of the thirty-five percent requirement.

Ms. Kelsey complimented Mr. Etwert on his explanation and Mr. Feldmann on his additional details, which took away her thunder, but she still had more to talk about. She indicated that once the cost estimate amount is determined, the process of revising the Integral Determination Report (IDR) and amending the PPA will begin, to determine the amount of Work In-Kind credit the Council will be eligible for. Unfortunately, the process of determining the estimated cost will take twenty-four months and Work In-Kind credit will only be allowed to be accumulated and not used until PPA approval. In the meantime, cash will be required against available federal dollars. She indicated that she would be meeting with Mr. Etwert later in the day to discuss what amounts the Corps would be able to use out of the federal budget or work plan dollars and the Council's willingness of cost share dollars. In order, to avoid turning funds back. She next discussed East St. Louis, where a similar situation exists, but it is slightly different. The Corps is continuing their reanalysis process in East St. Louis to determine if the difference in cost is going to be greater than twenty percent and if a report process is going to be necessary. She indicated she anticipates having the information in the May 2017 timeframe. Again Work In-Kind credit will only be allowed to be accumulated and not used until the PPA approval.

Mr. Etwert asked and Ms. Kelsey confirmed that the reanalysis in both Wood River and East St. Louis would not have any effect on the two bid packages that Amec Foster Wheeler was currently designing in Wood River and East St. Louis. He indicated that the Council will have to provide funds to the Corps for oversight, but those funds will count towards the Corps' five percent cash requirement.

Should a report process be required in East St. Louis, the risk assessment currently being completed in East St. Louis would shorten the length of time to complete the process.

Mr. Etwert pointed out that the twenty percent being referred to in East St. Louis was a decrease of more than twenty percent. Ms. Kelsey confirmed and indicated reanalysis was required when there was more than a twenty percent increase or decrease from the original total project cost.

Lastly, she provided an update on Prairie Du Pont/Fish Lake, where reprogrammed funds \$49,900 were received to complete the re-analysis of the final solution and update the total project costs. This will provide Amec Foster Wheeler, the Corps' identified solutions needed to achieve the 500-Year Level of Protection.

A Mr. Motil asked for a motion to accept the Corps report. A motion was made by Mr. Long, 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 – 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 pending litigation, probable or imminent litigation. He indicated that action would be taken upon reconvening the public session, and the public was welcomed to stay for when the public session was reconvened.

Mr. Bergkoetter made a motion at 8:19 a.m. to convene a closed session under Open Meetings Act 5 ILCS 120/2 (c) (11) for the purpose of discussing pending litigation, probable or imminent litigation. The motion was seconded by Mr. Brinkman. It was indicated that all Board members and County Board Chairs should be present, along with Chuck Etwert, Ken Slavens, David Human, Jay Martin, Jon Omvig, and Randy Cook. 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

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

Mr. Motil asked for a motion to adjourn the executive session and reconvene the public session.

Mr. Long made a motion to adjourn the executive session and reconvene the public session at 8:50 a.m. Mr. Bergkoetter 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 – Aye
Mr. Motil – Aye
Mr. Parks – absent

Mr. Motil called the meeting to order.

Settlement of Kiewit Infrastructure Co. Lawsuit

Mr. Motil, on behalf of the Southwestern Illinois Flood Prevention District Council, made a motion to approve the Settlement and Mutual Release Agreement, in a matter involving the Council as a defendant and Kiewit Infrastructure Co. as the plaintiff, in Case No. 3:15-CV-00680-NJR-PMF, currently pending in the Southern District of Illinois. Settlement is for \$565,000.00 to be paid to Kiewit Infrastructure Co. Mr. Long 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 – Aye
Mr. Motil – Aye
Mr. Parks – absent

Other Business

There was no other business.

Adjournment

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

Respectfully submitted,

John Conrad,
Secretary/Treasurer, Board of Directors



Progress Report December 21, 2016

Southwestern Illinois Levee Systems

By Jay Martin



Construction Status



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

► Pipe Replacement

- Pump Station Site 05 – 90% Complete. Ameren reestablishing power the week of Dec 19.
- Pump Station Site 10 & 12 – 0% Complete.
- Pump Station Site 16 – 75% Complete. Final backfill as weather allows.

► Bid Package 3 – Wood River Seepage Improvements

- Nearly Complete
- Relief well abandonments still remain.
- Manhole replacement work remains
- Punch list items remain



Construction Status

- ▶ Bid Package 4 – MESD Seepage Improvements (Conoco Phillips)
 - ▶ Pipe Replacement
 - ▶ Dewatering began on Dec 7 (requires 2-3 weeks to draw down groundwater)
 - ▶ Awaiting pipe delivery

- ▶ Bid Package 5 – MESD Seepage Improvements
 - ▶ Pipe Replacement
 - ▶ Pump Station Site 10 & 12 Collector System – 0% Complete
 - ▶ Pump Station Site 16 Collector System – 75% Complete
 - ▶ Clay Cap
 - ▶ Clay placement will begin Spring 2017.



Construction Status

- ▶ Bid Package 5A – East St. Louis Sewer
 - ▶ Contractor is under contract
 - ▶ Submittal prep/review underway.
 - ▶ Corps has relayed no further permits are required.
 - ▶ CCTV of 126" sewer completed on Dec 7
 - ▶ No Large holes or voids in the pipe
 - ▶ Infiltration of water/soil is the concern

- ▶ Bid Package 6 – Prairie du Pont / Fish Lake Seepage Improvements
 - ▶ Only punch list items remain:
 - ▶ Cleaning & CCTV of a pipe system (scheduled for the week of Dec. 26)

- ▶ Bid Package 7B – Wood River Lower (Deep) Cut-off Wall
 - ▶ Project is substantially complete
 - ▶ Installation of 5 relief wells is all that remains - awaiting groundwater levels to fall

Bid Package 2B – PdP



Site 05 Pipe Replacement Backfill

2016/12/03

Bid Package 5 – MESD



Site 16 Collector System

11/22/2016 08:22

Bid Package 5 – MESD



Site 16
Collector
System

12/06/2016 09:07

Bid Package 5 – MESD



Site 16
Collector
System

12/09/2016 11:38



FEMA Certification Update

- ▶ Upper Wood River
 - ▶ Do not anticipate further action from FPD Council or Amec Foster Wheeler

- ▶ Wood River East & West Forks
 - ▶ Certification package was submitted to FEMA on Dec 5, 2016

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



FEMA Certification Update

- ▶ MESD
 - ▶ Pending completion of Bid Packages 2B, 4, 5, & 5A
 - ▶ Construction Completion 3rd Quarter 2017

- ▶ Prairie du Pont & Fish Lake
 - ▶ Pending completion of Bid Packages 2B, 5A & 6.
 - ▶ Construction completion Q1 of 2017
 - ▶ Efforts are underway preparing the package
 - ▶ Submit to FEMA 2nd Quarter of 2017



Authorized Level (500-Year) Design

Wood River – Bid Packages 8, 9 and 10

- Bid Package – an alternative was selected and we are working to complete the drilling program
- Bid Packages 9 and 10 require additional borings; on hold pending USACE funding.

MESD – Bid Packages 11, 12, 13 and 14

- Bid Package 11 – Survey is underway; completing drilling program
- Bid Packages 12 & 13 – Drilling is underway in East St. Louis & Sauget.
- Bid Package 14 – 35% Design submittal was sent to USACE on Dec 2. Expect comments this month.

PdP/FL – Bid Package 15

- Boring Plan submitted to USACE (November 10) awaiting approval.
- USACE has received funds to continue re-evaluation of remaining PdP improvements.

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Potential Changes Orders...

- ▶ Amec Foster Wheeler Work Order 14
 - ▶ Removing 45 relief wells from project scope
 - ▶ Adding Costs for Terminal Railroad flagging
- ▶ Bid Package 3 - Drainage Improvements
 - ▶ Cut an additional ditch to drain a farm field
 - ▶ Soil replacement in area that continues to scour prior to established vegetation (replace sand with clay)
- ▶ Bid Package 7B – Relief well 1038D abandonment
- ▶ Bid Package 04 – Relief well modifications
 - ▶ Credit for relief well casing support
 - ▶ Plug relief well floor drains

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Questions?



Metro East Projects, IL USACE UPDATE

FEMA Accreditation

- Wood River LSER
 - Received information from AMECFW 01Dec16
 - Preliminary review indicates information is acceptable
 - Team is incorporating information and finalizing Report

- East St. Louis BCRA
 - Scheduled to present report to Levee Senior Oversight Group (LSOG) January 11, 2017 for approval. FPD and AMEC will be invited to the brief.



Metro East Projects, IL

SWIFPD WIK Efforts

- Both Wood River BP 8 and East St. Louis BP 14 are at the 35% review status

- Schedules will be updated



Metro East Projects, IL

Project Status

- Wood River
 - Accounting for Changes in Project Conditions
 - Completed Re-analysis
 - Risk Assessment/Supplemental Report
 - PPA WIK Amendment
 - Continued WIK Efforts
 - NFS Cost Share/Capability

- East St. Louis
 - Accounting for Changes in Project Conditions
 - Re-analysis in progress
 - Update project costs
 - PPA WIK Amendment
 - Continued WIK Efforts
 - NFS Cost Share/Capability



Metro East Projects, IL

- Prairie du Pont/Fish Lake
 - Reprogrammed Funds
 - Continue LRR re-analysis of final solution
 - Update total project costs



SETTLEMENT AND MUTUAL RELEASE AGREEMENT
[SUBJECT TO MUTUALLY AGREEABLY TERM REGARDING DATE OF
EXECUTION]

This Settlement and Mutual Release Agreement (“Agreement”) is made and entered this _____ day of _____, 2016, by and between **KIEWIT INFRASTRUCTURE CO. (“Kiewit”), SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL (“SIFPDC”), MADISON COUNTY FLOOD PREVENTION DISTRICT (“Madison FPD”), MONROE COUNTY FLOOD PREVENTION DISTRICT (“Monroe FPD”),** and **ST. CLAIR COUNTY FLOOD PREVENTION DISTRICT (“Monroe FPD”).** Kiewit, SIFPDC, Madison FPD, Monroe FPD, and St. Clair FPD are individually referred to as “Party” and collectively referred to as the “Parties” in this Agreement. SIFPDC, Madison FPD, Monroe FPD, and St. Clair FPD are collectively referred to as the “FPDs” in this Agreement.

WHEREAS, in 2014, the SIFPDC solicited bids for a project known as the Levee Certification Design Project (Bid Package 7B). The project known as the Levee Certification Design Project (Bid Package 7B) is referred to in this Agreement as the “Project”; and

WHEREAS, in August of 2014, Kiewit submitted its bid to the SIFPDC to perform the work called for on the Project; and

WHEREAS, on or about September 9, 2014, the SIFPDC advised Kiewit it was the successful bidder for the Project; and

WHEREAS, Kiewit and the SIFPDC entered a contract on or about September 23, 2014 in which Kiewit agreed to be the general contractor on the Project in consideration of payment by the SIFPDC (“the Contract”). A copy of the Contract, excluding technical portions, was attached to Kiewit’s complaint, discussed below, marked as Exhibit A; and

WHEREAS, following execution of the Contract, multiple disputes arose between the Parties; and

WHEREAS, because of multiple disputes between the Parties, Kiewit believed it was justified in terminating the Contract and it asserts it terminated the Contract on February 18, 2015; and

WHEREAS, after Kiewit’s termination, the SIFPDC re-bid the Project and entered into a contract with a replacement contractor to complete the Project (the “Replacement Contract”); and

WHEREAS, on May 22, 2015, the SIFPDC filed suit in Third Judicial Circuit, Madison County, State of Illinois against Kiewit. The SIFPDC’s suit in Madison County was assigned Case No. Case Number 2015L 000667; and

WHEREAS, the SIFPDC's lawsuit filed in Madison County was removed to the United States District Court for the Southern District of Illinois and assigned Case No. 3:15-CV-00680-NJR-PMF ("SIFPDC's Lawsuit"); and

WHEREAS, on May 26, 2015, Kiewit filed suit in the United States District Court for the Southern District of Illinois against the FPDs and that suit was assigned Case No. 3:15-cv-00581-JPG-DGW ("Kiewit's Lawsuit"); and

WHEREAS, on or about August 18, 2015, SIFPDC's Lawsuit and Kiewit's Lawsuit were consolidated; and

WHEREAS, each Party to this Agreement has denied all claims asserted against it by any other Party to this Agreement whether the claims were made in the SIFPDC's Lawsuit, Kiewit's Lawsuit, or otherwise; and

WHEREAS, the Parties have participated in settlement negotiations, including mediation, which resulted in an agreement to compromise their respective claims as set forth in the terms and conditions described in this Agreement; and

WHEREAS, the Parties acknowledge and agree this Agreement is made without duress and upon the advice of each Party's respective counsel; and

WHEREAS, the Parties further agree and acknowledge that each has contributed to the final form of this Agreement and that it shall be considered as having been jointly drafted by the Parties; and

WHEREAS, the Parties desire to enter this Agreement in order to avoid the risk and expense of litigation.

NOW, THEREFORE, for and in consideration of the promises, the mutual covenants, payments, releases, rights, and obligations set forth, the sufficiency and receipt of which are acknowledged by each Party, the Parties agree on the above recitals and as follows:

1. Payments. Kiewit agrees to accept and SIFPDC agrees to pay the sum of Five Hundred Sixty-Five Thousand and 00/100 Dollars (\$565,000.00). The payment will be delivered within 7 calendar days after the date the last of the Parties executes this Agreement ("Final Execution").

2. Release. Kiewit and the FPDs mutually release, acquit, and forever discharge each other, any other entity which may be derivatively responsible for the acts of the Parties, and each entities' past and present agents, consultant, servants, employees, officers, directors, attorneys, insurers, sureties, subcontractors, parent companies, subsidiaries, successors, and assigns, from all past, current and future claims, whether known or unknown, liquidated or unliquidated, arising in common law, by contract, by statute or otherwise which arise out of or relate to the Contract, the Replacement Contract, the Project, Kiewit's Lawsuit, and /or SIFPDC's Lawsuit.

3. **Dismissal with Prejudice.** Kiewit will dismiss all pending claims in Kiewit's Lawsuit with prejudice within a reasonable time, not to exceed ten (10) days, following Final Execution. SIFPDC will dismiss all pending claims in the SIFPDC's Lawsuit with prejudice within a reasonable time, not to exceed ten (10) days, following Final Execution. Each Party shall bear its own costs associated with such dismissals.

4. **Compromise of Disputed Claim.** The Parties acknowledge this is a compromise of a disputed claim. This Agreement will not be construed as an admission by any Party, as all Parties deny liability to each other and deny the nature and extent of any damages claimed by the other Parties.

5. **Binding Effect.** The Parties agree and acknowledge this Agreement will bind and inure to the benefit of the Parties to this Agreement or released by this Agreement, and also their respective heirs, administrators, executors, assigns, shareholders, officers, directors, members, attorneys, servants, insurers, sureties, subcontractors, subsidiaries, divisions, affiliates, employees, agents, representatives, and predecessors and successors in interest, and related entities.

6. **Reliance.** The Parties acknowledge and warrant that, except for the terms of this Agreement, no promises or inducements have been made or offered by the Parties for this Agreement and this Agreement is executed by the Parties without reliance upon any other statements or representations concerning the nature or merits of any claims they might have against each other. The Parties assume the risk that the facts or law may be otherwise than the Parties believe.

7. **Modification and Waiver.** No modification or waiver of any provision of this Agreement nor consent to any departure therefrom, will be effective, unless the same is in writing and signed by the Party to be charged therewith and then such modification, waiver, or consent will be effective only in the specific instance and for the specific purpose for which it is given.

8. **Counterparts.** This Agreement may be executed in counterparts and by different parties in separate counterparts, each of which when so executed will be deemed to be an original and each of which will constitute but one Agreement.

9. **Construction.** This Agreement was reached after thorough bargaining and negotiations with attorneys advising each Party. The language of this Agreement is a product of the mutual effort of the Parties. This Agreement will be construed fairly to all Parties and it will not be construed for or against any Party on the basis of the extent to which that Party participated in drafting the Agreement.

10. **Severability.** In the event that any provision of the Agreement is held invalid, illegal or unenforceable, such invalidity, illegality or unenforceability will not affect any other parts of this Agreement. In that event, the Agreement will be reformed and construed as if such

invalid, illegal, or unenforceable provision had never been contained and the provision will be reformed so it will be valid, legal, and enforceable to the maximum extent permitted in such jurisdiction as long as the Agreement will continue to serve its fundamental purposes.

11. Future Cooperation. The Parties agree to fully cooperate, to execute all supplementary documents and to take all additional actions that may be necessary or appropriate to give full force and effect to the terms and intent of this Agreement which are not inconsistent with its terms.

12. Entire Agreement. The Parties state this Agreement contains the entire agreement between the Parties, and there are no other oral, written, express or implied promises, agreements, representations or inducements not specified in this Agreement. The Parties also agree that all terms of this Agreement are contractual and not a mere recital.

13. Governing Law. This Agreement will be interpreted under and governed by the laws of the State of Illinois.

14. Authority to Execute. Each individual executing this Agreement on behalf of a Party represents and warrants that all actions to authorize its execution on behalf of that Party have been duly performed; that such individual has authority to execute this Agreement on behalf of such Party; and that such Party will be legally bound.

15. Non-Disparagement. Kiewit shall not at any time hereafter, say, write, or otherwise communicate to any third party anything of a derogatory, defamatory, disparaging or negative nature about SIFPDC, Madison FPD, St. Clair FPD or Monroe FPD relating to any facts or matters, alleged or not alleged, arising out of or relating to the Project, the Contract, Kiewit's Lawsuit or SIFPDC's Lawsuit. SIFPDC, Madison FPD, St. Clair FPD and Monroe FPD shall not at any time hereafter say, write or otherwise communicate to any third party anything of a derogatory, defamatory, disparaging or negative nature about Kiewit relating to any facts or matters, alleged or not alleged, arising out of or relating to the Project, the Contract, Kiewit's Lawsuit or SIFPDC's Lawsuit.

IN WITNESS WHEREOF, the Parties have subscribed their names on the day and year written below.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

KIEWIT INFRASTRUCTURE CO.

By: _____

Name (Printed): _____

Title: _____

STATE OF _____)

)

COUNTY OF _____)

On this _____ day of _____, 2016, before me, the undersigned, a Notary Public within and for said County and State, personally appeared _____, to me personally known who being by me duly sworn, did say that he/she is the _____ of Kiewit Infrastructure Co., and that he/she has been and is duly authorized to execute this Agreement on its behalf.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal at my office in _____, the day and year last above written.

Notary Public in and for said
County and State

(Type, print or stamp the Notary's
name below his or her signature)

My Commission Expires:

MADISON COUNTY FLOOD PREVENTION DISTRICT

By: _____

Name (Printed): _____

Title: _____

STATE OF _____)

)

COUNTY OF _____)

On this _____ day of _____, 2016, before me, the undersigned, a Notary Public within and for said County and State, personally appeared _____, to me personally known who being by me duly sworn, did say that he/she is the _____ of Madison County Flood Prevention District, and that he/she has been and is duly authorized to execute this Agreement on its behalf; that such instrument was signed on behalf of said corporation by authority of its Board of Directors, and acknowledged said instrument to be the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal at my office in _____, the day and year last above written.

Notary Public in and for said
County and State

(Type, print or stamp the Notary's
name below his or her signature)

My Commission Expires:

**MONROE COUNTY FLOOD PREVENTION
DISTRICT**

By: _____

Name (Printed): _____

Title: _____

STATE OF _____)

)

COUNTY OF _____)

On this _____ day of _____, 2016, before me, the undersigned, a Notary Public within and for said County and State, personally appeared _____, to me personally known who being by me duly sworn, did say that he/she is the _____ of Monroe County Flood Prevention District, and that he/she has been and is duly authorized to execute this Agreement on its behalf.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal at my office in _____, the day and year last above written.

Notary Public in and for said
County and State

(Type, print or stamp the Notary's
name below his or her signature)

My Commission Expires:

ST. CLAIR COUNTY FLOOD PREVENTION DISTRICT

By: _____

Name (Printed): _____

Title: _____

STATE OF _____)
)
COUNTY OF _____)

On this ____ day of _____, 2016, before me, the undersigned, a Notary Public within and for said County and State, personally appeared _____, to me personally known who being by me duly sworn, did say that he/she is the _____ of St. Clair County Flood Prevention District, and that he/she has been and is duly authorized to execute this Agreement on its behalf; that such instrument was signed on behalf of said corporation by authority of its Board of Directors, and acknowledged said instrument to be the free act and deed of said corporation.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal at my office in _____, the day and year last above written.

Notary Public in and for said
County and State

(Type, print or stamp the Notary's
name below his or her signature)

My Commission Expires:



Memo to: Board of Directors
From: Chuck Etwert
Subject: Program Status Report for January 2017
Date: January 13, 2017

Approximately 87% of the \$74.2 million of construction, involved in all ten current construction bid packages, has been completed thru December. The amount of work completed during the month was \$1,015,305. The total amount of construction completed is \$64.5 million.

Similar to last month, there was a brief spike in the elevation of the Mississippi River shortly after the last Board meeting. The river is below the ten foot elevation and is projected to remain below the five foot elevation for the next two weeks, which is good news.

At this months' meeting, the Corps of Engineers will be informing us of their intended submittal date for the certification package for the Upper Wood River Levee System in Madison County, which includes Mel Price.

I have included in your Board packet, a copy of Amec Foster Wheeler's Monthly Progress Report for January and a recent article from the Belleville News-Democrat regarding the 100-Year Level of Protection.





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

Monthly Project Progress Report January 2017

AMEC FOSTER WHEELER Project No. 563170001
Period Ending Date: January 9, 2017

Date of Issue: January 11, 2017

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1. OVERVIEW

1.1 Project Description

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

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

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

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

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

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

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

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

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

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

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

1.2 Amec Foster Wheeler Scope

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

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

1.3 Key Contacts / People

Program Manager	Jay Martin, PE, 615.333.0630 jay.w.martin@amecfw.com
Project Manager	Jon Omgig, AICP, 636.200.5118 jon.omvig@amecfw.com
Engineer of Record (Civil)	Randy Cook Jr., PE, 636.200.5125 randy.cook@amecfw.com
Engineer of Record (Geotechnical)	Jo C. Tucker, PE, 502.442.4317 jo.tucker@amecfw.com
Resident Project Representative	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		
Nothing to report this month		
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
5A	6.0	385.94
6	25.0	404.94
7A	21.52	417.0 (Mel Price)
7B	21.52	417.0 (Mel Price)

3. PROJECT STATUS UPDATE

3.1 Bid Package 2A

3.1.1 Calendar

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

3.1.2 Progress

- Complete

3.1.3 Property Acquisition

- Complete

3.1.4 Levee Board Considerations

- Complete

3.1.5 Submittals

- Complete

3.1.6 Change Orders

- Complete

3.1.7 QC/QA Activities

- Complete

3.1.8 Considerations

- Complete

3.1.9 Payment Progress

- Complete

3.2 Bid Package 2B

3.2.1 Calendar

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

3.2.2 Progress - Piping Change Order

- Pump Station Site 05 – 98% Complete. Pump Station is fully operational. Contractor will re-seed the site in the spring.
- Pump Station Site 10 – 0% Complete.
- Pump Station Site 12 – 0% Complete.
- Pump Station Site 16 – 75% Complete. Final backfill as weather allows.

3.2.3 Property Acquisition

- None

3.2.4 Levee Board Considerations

- None

3.2.5 Submittals

- Complete

3.2.6 Change Orders

- None

3.2.7 QC/QA Activities

- None

3.2.8 Considerations

- None

3.2.9 Payment Progress

- See Contract Invoice Log attached

3.3 Bid Package 2C

3.3.1 Calendar

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

3.3.2 Progress

- Complete.

3.3.3 Property Acquisition

- Complete

3.3.4 Levee Board Considerations

- Complete

3.3.5 Submittals

- Complete

3.3.6 Change Orders

- Complete

3.3.7 QC/QA Activities

- Complete.

3.3.8 Payment Progress

- Complete.

3.4 Bid Package 3

3.4.1 Calendar

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

3.4.2 Progress

- Project work is mostly complete with the exception of change orders.
 - The Hartford Manhole replacement change order is projected to be completed in spring 2017.
 - Re-grading for positive drainage at Losch Ditch and Random Fill 2
- Relief well abandonments are awaiting Bid Package 7B relief well installation.

3.4.3 Property Acquisition

- Complete.

3.4.4 Levee Board Considerations

- Complete.

3.4.5 Submittals

- Complete

3.4.6 Change Orders

- Complete

3.4.7 QC/QA Activities

- Complete

3.4.8 Considerations

- Complete.

3.4.9 Payment Progress

- See attached Contract invoice log

3.5 Bid Package 4

3.5.1 Calendar

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

3.5.2 Progress

- Five of 13 piezometer are installed. The remaining piezometer installation is on hold until the collection pipe and clay cap are complete.
- Efforts have begun to replace the HDPE Pipe with Reinforced Concrete Pipe for the Relief Well Collector System.

3.5.3 Property Acquisition

- Complete.

3.5.4 Levee Board Considerations

- None

3.5.5 Submittals

- Complete

3.5.6 Change Orders

- Complete

3.5.7 QC/QA Activities

- None

3.5.8 Considerations

- None

3.5.9 Payment Progress

- See Contract Invoice Log attached.

3.6 Bid Package 5

3.6.1 Calendar

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

3.6.2 Progress

- Efforts continue to replace the HDPE Pipe with Reinforced Concrete Pipe for Relief Well Collector Systems.
- Site 16 collector system is 90% complete.
- Dewatering will continue 24/7 until each system is complete.
- Clay Cap work will resume in spring 2017, weather dependent.

3.6.3 Property Acquisition

- Complete

3.6.4 Levee Board Considerations

- None.

3.6.5 Submittals

- Complete

3.6.6 Change Orders

- Complete

3.6.7 QC/QA Activities

- Ongoing

3.6.8 Considerations

- None

3.6.9 Payment Progress

- See Contract Invoice Log attached.

3.7 Bid Package 5A

3.7.1 Calendar

Bid Date:	November 08, 2016
Contract executed	December 08, 2016
Schedule received	January 09, 2017
Anticipated start of field activities	January 02, 2017
Start of field activities	February 06, 2017
Contract completion date	March 17, 2017
Final Walk Through	
Final Acceptance	

3.7.2 Progress

- Pre-Construction submittal prep/review continues.

3.7.3 Property Acquisition

- None.

3.7.4 Levee Board Considerations

- None.

3.7.5 Submittals

- Submittal process on-going

3.7.6 Change Orders

- None.

3.7.7 QC/QA Activities

- None.

3.7.8 Considerations

- None

3.7.9 Payment Progress

- None.

3.8 Bid Package 6

3.8.1 Calendar

Bid Date:	June 11, 2013
Contract executed	October 3, 2013
Schedule received	October 31, 2013
Anticipated start of field activities	November 11, 2013
Start of field activities	November 19, 2013
Contract completion date	<i>Substantial completion July 26, 2016;</i> The contract final completion date is contingent upon bid package 2B contractor completing Site 5 Pump Station change order work. Also contingent upon Ameren providing primary power to Pump Station Site 5. Lane is allowed 10 working days (Monday - Friday) upon notification that Pump Station Site 5 is operational.
Final Walk Through	September 6, 2016
Final Acceptance	Awaiting Lane to complete the pipe cleaning and repair.

3.8.2 Progress

- All project work is complete. Pending one change order to clean portions of the Site 05 relief well collector system that silted in during Winter 2015/2016 high river event.

3.8.3 Property Acquisition

- None

3.8.4 Levee Board Considerations

- None.

3.8.5 Submittals

- Complete

3.8.6 Change Orders

- Complete

3.8.7 QC/QA Activities

- Complete

3.8.8 Considerations

- None

3.8.9 Payment Progress

- See Contract Invoice Log attached.

3.9 Bid Package 7A

3.9.1 Calendar

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

3.9.2 Progress

- This project is complete.

3.9.3 Property Acquisition

- Complete

3.9.4 Levee Board Considerations

- None.

3.9.5 Submittals

- Complete

3.9.6 Change Orders

- Complete

3.9.7 QC/QA Activities

- Complete

3.9.8 Considerations

- None.

3.9.9 Payment Progress

- Complete

3.10 Bid Package 7B

3.10.1 Calendar

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

3.10.2 Progress

- Project complete except for the relief well installations.
- Contractor has installed 2 of the 7 relief wells. Work will resume when piezoemetric levels are at elevation 402 and falling.

3.10.3 Property Acquisition

- Complete

3.10.4 Levee Board Considerations

- None

3.10.5 Submittals

- Complete

3.10.6 Change Orders

- Complete

3.10.7 QC/QA Activities

- Complete

3.10.8 Considerations

- None.

3.10.9 Payment Progress

- See Contract Invoice Log attached.

CONTRACT INVOICE LOG

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

Project: SWILCD
Construction Package: BP2B

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

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

TITLE: CONSTRUCTION CHANGE ORDER LOG

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

PROJECT NUMBER: SIFPDC-BP2C

Change Request Number	Description	Change Type (Field, Design, Spec, Other)	Cost to FPD	Cost to Others	As Bid Line Item #	Original Cost of Associated Line Item	% of Original Line Item	% of Original Contract	Date	Status	Comments
1	Flood Damages	Other	\$3,390.00	\$0.00	NA	NA	NA	1.20%	6/7/2016	Approved	December 2015 flood event
2	Clay Fill Material Overage	Field	\$26,670.00	\$0.00	2C.26	\$ 10,800.00	246.94%	9.47%	8/17/2016	Approved	Clay Fill Material Overage; Board approval required
3											
4											
5											
6											
7											
8											
9											
10											
	Total of Project Change Orders		\$30,060.00	\$0.00						Total	\$ 30,060.00
	Original Contract Amount										
	\$281,632.00	Revised Contract Amount	311,692.00								
				% Change from Original Amount							
				10.67%							
											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
Change Order 31	\$ 149,482.00	Hartford Sluice Gate and Manhole Replacement
Change Order 32	\$ 11,268.24	Flood Prevention Efforts June 2015; Russell Commons Park Imported Fill
Change Order 33	\$ (11,273.20)	Blanket Drain 4 End Section Credit
Change Order 34	\$ (138,005.38)	Credit Relief Well Quantity Adjustments
Change Order 35	\$ -	Time Extension for weather/river delay & Hawthorne Manhole
Change Order 36	\$ 12,140.80	Additional Grading Work - Losch Farm
Change Order 37	\$ (7,776.02)	Credit Balancing Quantities Pilot Holes, PZ, 12in CMP
Total Change Order Amount:	\$2,812,863.32	
Total Revised Contract Amount:	\$12,895,208.32	

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

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 (\$)
22	1/31/2016	2/8/2016	\$9,002,576.95	\$508,695.88	\$8,493,881.07	\$104,049.20	2/17/2016	\$3,723,551.23
23	2/29/2016	3/10/2016	\$9,690,470.24	\$502,088.79	\$9,188,381.45	\$694,500.38	3/17/2016	\$3,132,875.61
24	3/31/2016	4/14/2016	\$10,753,362.39	\$554,699.89	\$10,198,662.50	\$1,010,281.05	4/20/2016	\$2,719,390.49
25	4/30/2016	5/12/2016	\$11,194,941.66	\$570,893.11	\$10,624,048.55	\$425,386.05	5/17/2016	\$2,294,004.44
26	5/31/2016	6/10/2016	\$11,448,599.71	\$591,271.28	\$10,857,328.43	\$233,279.88	6/16/2016	\$2,030,837.29
27	6/30/2016	7/7/2016	\$12,210,826.40	\$611,843.66	\$11,598,982.74	\$741,654.31	7/15/2016	\$1,280,389.14
28	7/31/2016	8/2/2016	\$12,293,289.38	\$615,296.07	\$11,677,993.31	\$79,010.57	8/15/2016	\$1,350,855.61
29	8/31/2016	9/9/2016	\$12,602,657.72	\$630,132.87	\$11,972,524.85	\$294,531.54	9/20/2016	\$918,318.69
30	9/30/2016	10/6/2016	\$12,624,277.76	\$631,213.87	\$11,993,063.89	\$20,539.04	10/11/2016	\$909,920.45
31	10/31/2016	11/9/2016	\$12,644,262.82	\$19,191.40	\$12,625,071.42	\$632,007.53	11/16/2016	\$270,136.90

TITLE: CONSTRUCTION CHANGE ORDER LOG

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

PROJECT NUMBER: SIFPDC-BP03

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

TITLE: CONSTRUCTION CHANGE ORDER LOG

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

PROJECT NUMBER: SIFPDC-BP03

Change Request Number	Description	Change Type (Field, Design, Spec, Other)	Cost to FPD	Cost to Others	As Bid Line Item #	Original Cost of Associated Line Item	% of Original Line Item	% of Original Contract	Date	Status	Comments
22*	Russell Commons Buried Waste Part A Deduct & Part C	Field	\$40,618.82	\$0.00	NA	NA	NA	0.40%	11/19/2015	Approved	Russell Commons Buried Waste removal (part of ROM estimate given at the 9/16/15 Board meeting)
23	Delete Duplicate PZ's Per PCN-044 (Credit)	Field	\$ (35,779.00)	\$0.00	3.30 3.31	\$ 506,016.00	-7.07%	-0.35%	12/16/2015	Approved	Credit for deletion of duplicate piezometers
24	Relief Well Construction Obstruction RW 1069-1073	Other	\$ 103,824.76	\$0.00	3.38 3.39	\$ 3,507,073.90	2.96%	1.03%	3/4/2016	Approved	RW Construction Obstruction due to Cobble Layer; Board approval required; 1/20/16 Board approved budget
25*	Weir 4 Handrail; Wagon Wheel Bore Shoring, Excavation, and Removal of Abandoned Line; Hawthorne impacted material near Weir 3	Field	\$ 113,188.00	\$0.00	NA	NA	NA	1.12%	3/16/2016	Approved	Weir 4 Handrail; Wagon Wheel Bore Shoring, Excavation, and Removal of Abandoned Line; Hawthorne impacted material near Weir 3; Contract Time Extended to 9/30/16
26*	Farm Ditch Revision and Random Fill 1	Field	\$ (135,402.86)	\$0.00	3.33	\$ 433,434.89	-31.24%	-1.34%	3/16/2016	Approved	Farm Ditch Revision and Random Fill 1
27*	Blanket Drain 4 revisions	Other	\$ 493,474.58	\$0.00	3.44	\$ 350,747.77	140.69%	4.89%	3/16/2016	Approved	Blanket Drain 4 revisions
28	Relief Well Construction Obstruction RW 1069-1073	Field	\$ 125,536.21	\$0.00	3.38 3.39	\$ 3,507,073.90	3.58%	1.25%	3/31/2016	Approved	RW Construction Obstruction due to Cobble Layer; Board approval required; 1/20/16 Board approved budget
29	Wagon Wheel Road Tunnel	Field	\$ (29,887.27)	\$0.00	3.16 3.24 3.25 3.28	\$ 107,253.77	-27.87%	-0.30%	4/1/2016	Approved	Credit for Wagon Wheel Road Tunnel revisions
30	Credit Relief Well Floor Drain Elimination/Plugging	Field	\$ (8,793.84)	\$0.00	3.38 3.39	\$ 3,507,073.90	-0.25%	-0.09%	6/15/2016	Approved	Credit for deletion of relief well floor drains
31*	Hartford Sluice Gate and Manhole Replacement	Other	\$ 149,482.00	\$0.00	NA	NA	NA	1.48%	7/20/2016	Approved	Hartford Sluice Gate and Manhole Replacement; Board approval required
32*	Flood Prevention Efforts June 2015; Russell Commons Park Imported Fill	Field	\$ 11,268.24	\$0.00	NA	NA	NA	0.11%	7/20/2016	Approved	Flood Prevention Efforts June 2015; Russell Commons Park Imported Fill; Board approval required
33*	Blanket Drain 4 End Section Credit	Field	\$ (11,273.20)	\$0.00	3.11	\$ 94,800.00	-11.89%	-0.11%	7/20/2016	Approved	Blanket Drain 4 End Section Credit
34*	Credit Relief Well Quantity Adjustments	Field	\$ (138,005.38)	\$0.00	3.38 3.39	\$ 3,507,073.90	-3.94%	-1.37%	8/17/2016	Approved	Credit Relief Well Quantity Adjustments
35	Time Extension for weather/river delay & Hawthorne Manhole	Other	\$ -	-\$0.00	NA	NA	NA	0.00%	9/9/2016	Approved	Time Extension to 12/31/16 for weather/river delay & Hawthorne Manhole time extension to 2/28/17
36*	Additional Grading Work - Losch Farm	Field	\$ 12,140.80	\$0.00	NA	NA	NA	0.12%	9/21/2016	Approved	Additional Grading Work - Losch Farm
37	Credit Balancing Quantities Pilot Holes, PZ, 12in CMP	Other	\$ (7,776.02)	\$0.00	NA	NA	NA	-0.08%	10/26/2016	Approved	Credit Balancing Quantities Pilot Holes, PZ, 12in CMP
Total											\$ 2,812,863.32

Original Contract Amount \$10,082,345.00
Revised Contract Amount 12,895,208.32
% Change from Original Amount 27.90%

*Board approval required

CONTRACT INVOICE LOG

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

Project: SWILCD
Construction Package: BP04

Original Contract Amount:	\$3,190,232.45	
Change Order #1:	\$8,196.30	Flyght Pump & Locking Sewer Lids per MESD
Change Order #2:	\$949.90	Fence Polycarbonate
Change Order #3:	\$10,488.00	Fence Grounding per Ameren
Change Order #4:	\$1,533.00	2 Additional Posts in Concrete per Phillips 66 Request
Change Order #5:	\$2,127.35	Time and material for new fence grounding
Change Order #6:	\$2,402.40	Per MESD Request
Change Order #7:	\$0.00	Contract Time Extension
Change Order #8:	\$1,656.00	2" Well Point SS Pipe
Change Order #9:	\$54,680.20	Site 9 Electrical Changes
Change Order #10:	\$35,602.21	Work Stoppage due to Soil Testing
Change Order #11:	\$80,046.18	Relief Well Construction Obstruction due to Cobble
Change Order #12:	\$0.00	Contract Time Extension to June 30, 2015
Change Order #13:	\$8,981.67	Relief Well 141XB Re-Design
Change Order #14:	\$948.75	Offset Oufall Line of RW 153X
Change Order #15:	\$79,051.00	Clay Cap Benching and Key Volume (3,437 CY)
Change Order #17:	\$2,882,782.25	Pipe Material Change
Change Order #18:	\$13,660.00	Flood Event Emergency Pumping at Site 9
Change Order #19:	-\$29,295.61	Relief Well Quantity Rectification Credit
Change Order #20:	\$23,943.00	CA06 Rock Placement; Clay Cap Blanket and Loss Time
Change Order #21:	\$108,620.00	Clay Cap Bridge; Contract Time Extension to 3/31/17
Total Change Order Amount:	\$3,286,372.60	
Total Revised Contract Amount:	\$6,476,605.05	

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

TITLE: CONSTRUCTION CHANGE ORDER LOG

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

PROJECT NUMBER: SIFPDC-BP04

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

Change Request Number	Description	Change Type (Field, Design, Spec, Other)	Cost to FPD	Cost to Others	As Bid Line Item #	Original Cost of Associated Line Item	% of Original Line Item	% of Original Contract	Date	Status	Comments
19*	Relief Well Quantity Rectification Credit	Other	-\$29,295.61	\$0.00	4.16	\$ 878,900.00	-3.33%	-0.92%	5/18/2016	Approved	Relief Well Quantity Rectification Credit
20*	CA06 Rock Placement; Clay Cap Blanket and Loss Time	Field	\$23,943.00	\$0.00	NA	NA	NA	0.75%	5/18/2016	Approved	CA06 Rock Placement (\$9,553); Clay Cap Blanket and Loss Time (\$14,390)
21*	Clay Cap Bridge	Field	\$108,620.00	\$0.00	NA	NA	NA	3.40%	8/17/2016	Approved	Clay Cap Bridge
Total of Project Change Orders \$3,275,773.90 \$10,598.70											\$ 3,286,372.60

Original Contract Amount Revised Contract Amount % Change from Original Amount

\$3,190,232.45 6,476,605.05 103.01%

*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
Change Order #22:	\$ 3,850.10	RW Floor Drain Plugging & Deletion
Change Order #23:	\$ (207,274.33)	Credit Relief Well Quantity Adjustments
Change Order #24:	\$ (714.50)	Credit Delete Casing Pipe Supports
Total Change Order Amount:	\$5,843,423.56	
Total Revised Contract Amount:	\$14,099,905.40	

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
28	7/31/2016	8/2/2016	\$6,762,439.93	\$343,580.30	\$6,418,859.63	\$12,097.76	8/15/2016	\$7,889,034.60
29	8/31/2016	9/9/2016	\$6,805,013.50	\$342,120.96	\$6,462,892.54	\$44,032.91	9/20/2016	\$7,637,727.36
30	9/30/2016	10/6/2016	\$6,918,376.86	\$347,789.14	\$6,570,587.72	\$107,695.18	10/11/2016	\$7,530,032.18
31	10/31/2016	11/9/2016	\$7,426,077.72	\$398,134.94	\$7,027,942.78	\$457,355.06	11/16/2016	\$7,071,962.62
32	11/30/2016	12/5/2016	\$8,356,329.18	\$490,688.02	\$7,865,641.16	\$837,698.38	12/23/2016	\$6,234,264.24
33	12/31/2016	1/5/2017	\$9,064,873.28	\$342,820.60	\$8,722,052.68	\$856,411.52		\$5,377,852.72

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 of 10" Relief Wells instead of 8" Wells	Design	\$45,199.00	\$0.00	5.28	\$ 2,156,379.63	2.10%	0.55%	2/2/2015	Approved	Based on site-specific designs performed after pilot hole drilling, ten wells were final-designed with 10" diameter screens and risers to optimize well length and/or meet the USACE entrance velocity standard.
9*	RW Construction Obstruction	Field	\$107,201.00	\$0.00	5.27 5.28	\$ 3,204,234.48	3.35%	1.30%	1/15/2015	Approved	RW Construction Obstruction due to Cobble Layer during drilling; submitted January 21, 2015 for Board approval
10	Credit-Remove Vacuum Testing of Manholes	Other	\$ (5,095.00)	\$0.00	5.18-5.21	\$ 113,685.00	-4.48%	-0.06%	2/2/2015	Approved	PCN approved to remove the requirements for ASTM C1244 Standard Test Method for Concrete Sewer
11	Contract Time Extension	Other	\$0.00	\$0.00	NA	NA	NA	0.00%	2/10/2015	Approved	Contract Time Extension to September 30, 2015
12	Delete - PZ Seal Modifications	Other	\$ (31,680.00)	\$0.00	5.22	\$ 171,680.00	-18.45%	-0.38%	4/16/2015	Approved	Delete piezometer seal modifications
13	Remaining Relief Well Permits	Other	\$9,056.25	\$0.00	NA	NA	NA	0.11%	4/16/2015	Approved	Per spec sec 00 800 par 6.4-Owner will be responsible for all permits and fees
14	60 Slot Relief Well Redesign	Field	\$110,334.93	\$0.00	5.27 5.28	\$ 3,204,234.48	3.44%	1.34%	4/16/2015	Approved	60 Slot Relief Well Redesign

TITLE: CONSTRUCTION CHANGE ORDER LOG

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

PROJECT NUMBER: SIFPDC-BP05

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

*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
Change Order #30:	\$218,282.42	Remob for RWs; Quantity Adjustments for Berms and Clay Cap
Change Order #31:	\$79,992.22	Pulcher Drainage Improvements
Change Order #32:	-\$72,271.08	Credit Various Work Items Pipe Casing, Pipe Repair, Fernco, Pulcher

Total Change Order Amount: \$2,579,129.39
Total Revised Contract Amount: \$15,436,257.14

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 (\$)
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
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

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 (\$)
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	7/15/2016	\$511,076.41
32	7/31/2016	8/2/2016	\$15,295,183.00	\$373,143.70	\$14,922,039.30	\$222,862.13	8/15/2016	\$506,496.70
33	8/31/2016	9/9/2016	\$15,319,884.59	\$373,143.70	\$14,946,740.89	\$24,701.59	9/20/2016	\$481,795.11
34	10/31/2016	11/9/2016	\$15,383,878.36	\$373,143.69	\$15,010,734.67	\$63,993.78	11/16/2016	\$497,793.55
35	11/30/2016	12/5/2016	\$15,427,757.16	\$366,735.97	\$15,061,021.19	\$50,286.52	12/23/2016	\$375,235.95

TITLE: CONSTRUCTION CHANGE ORDER LOG

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

PROJECT NUMBER: SIFPDC-BP06

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

TITLE: CONSTRUCTION CHANGE ORDER LOG

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

PROJECT NUMBER: SIFPDC-BP06

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

TITLE: CONSTRUCTION CHANGE ORDER LOG

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

PROJECT NUMBER: SIFPDC-BP06

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

*Board approval required

CONTRACT INVOICE LOG

Contractor: Kamadulski Excavating & Grading Co., Inc.
 4336 State Route 162
 Granite City, IL 62040

Project: SWILCD 56317001.010.001
Construction Package: BP7A
Original Contract Amount: \$3,076,208.70
Change Order #1: \$13,850.00 Boat Access Ramp
Change Order #2: \$108,897.50 Utility Conflicts
Change Order #3: \$98,660.80 Excavation Levee Slope and Crown Quantity Adjustment
Change Order #4: \$66,693.00 Slurry Wall Quantity Settlement
Change Order #5: \$0.00 Contract Time Extension to June 26, 2015
Change Order #6: \$7,500.00 Site demolition and restoration as required by City of Alton
Change Order #7: \$3,540.25 Clay Cap Volume Change
Total Change Order Amount: \$299,141.55
Total Revised Contract Amount: **\$3,375,350.25**

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	10/31/2014	11/3/2014	\$886,675.70	\$88,667.57	\$798,008.13	\$798,008.13	11/18/2014	\$2,292,050.57
2	11/30/2014	12/8/2014	\$1,824,863.95	\$182,486.40	\$1,642,377.55	\$844,369.42	12/18/2014	\$1,556,578.65
3	12/31/2015	1/9/2015	\$2,520,707.13	\$126,035.37	\$2,394,671.76	\$752,294.21	1/26/2015	\$902,945.24
4	2/28/2015	3/10/2015	\$2,587,400.13	\$129,370.02	\$2,458,030.11	\$63,358.35	3/19/2015	\$906,279.89
5	3/31/2015	4/10/2015	\$2,727,400.13	\$136,370.02	\$2,591,030.11	\$133,000.00	4/16/2015	\$773,279.89
6	5/4/2015	5/10/2015	\$3,278,416.10	\$163,920.82	\$3,114,495.28	\$523,465.17	5/18/2015	\$249,814.72
7	6/5/2015	6/12/2015	\$3,371,810.00	\$67,436.20	\$3,304,373.80	\$189,878.52	6/16/2015	\$67,436.20
7	7/8/2015	7/8/2015	\$3,375,350.25	\$0.00	\$3,375,350.25	\$70,976.45	7/14/2015	\$0.00

CONTRACT INVOICE LOG

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

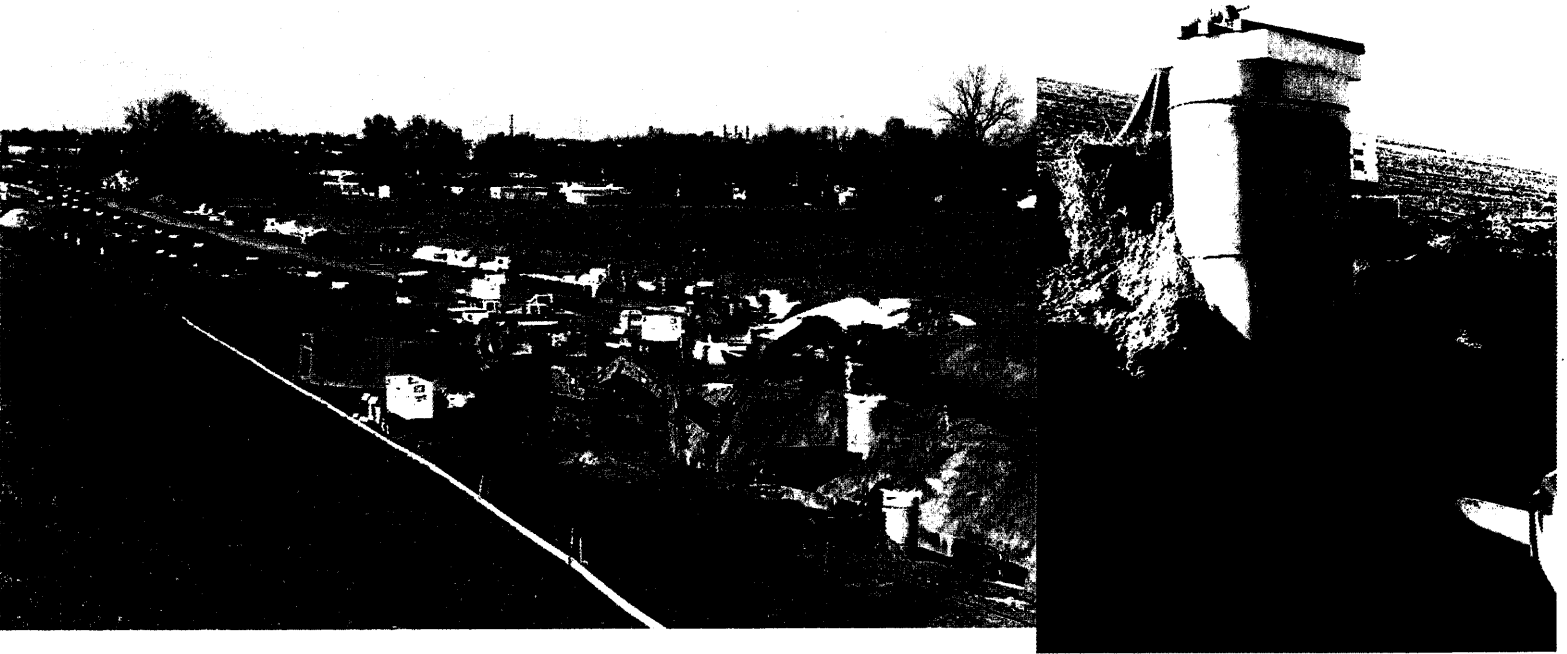
Project: SWILCD
Construction Package: BP7B (Re-Bid)

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

Payment Request No.	Pay Request Date (Period To:)	Pay Request Recommended Approval Date	Total Completed to Date (\$)	Amount Retained (10% to 50%) then (5% to 95%)	Total Earned Less Retained (\$)	Amount Invoiced (\$)	Date Paid by FPD	Estimate to Complete Including Retainage (\$)
1	6/30/2015	7/16/2015	\$350,000.00	\$35,000.00	\$315,000.00	\$315,000.00	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	7/15/2016	\$1,893,524.93
14	7/31/2016	8/3/2016	\$13,901,247.73	\$695,062.39	\$13,206,185.34	\$716,025.27	8/15/2016	\$1,606,077.92
15	8/31/2016	8/31/2016	\$14,200,035.60	\$46,578.61	\$14,153,456.99	\$947,271.65	9/20/2016	\$658,806.27
16	9/30/2016	10/6/2016	\$14,297,251.87	\$9,939.42	\$14,287,312.45	\$133,855.46	10/11/2016	\$524,950.81
17	10/31/2016	11/10/2016	\$14,307,743.77	\$10,464.02	\$14,297,279.75	\$9,967.31	11/16/2016	\$514,983.50

METRO-EAST NEWS DECEMBER 21, 2016 7:00 AM

Levee work progressing toward 100-year flood protection level



BY JOSEPH BUSTOS
jbustos@bnd.com

Outside of Cahokia, south of Levin Drive, workers using heavy equipment meticulously lower and seal into place 8-foot-long pieces, 36-inch in diameter, concrete pipes 25 feet below the surface.

It's a long process that is repeated more than 900 times as workers install a 2,000-foot long pipe that will be used to move water into the adjacent Dead Creek that flows into the Mississippi River, while keeping water away from properties.

"We have great operators. ... We've had great support from the labor unions and craftsmen they've sent out to do the work," said Kevin Williams, construction manager for Amec Foster Wheeler, the engineering firm overseeing the projects for the Southwestern Illinois Flood Prevention District Council.

So far the district council has completed about 85 percent of the construction work needed to bring the levees to a 100-year flood protection level. That work is expected to be completed in 2017.

"The vast majority of levee improvements we're doing are for under seepage," said Randy Cook, engineer for Amec Foster Wheeler. "A lot of people here the word levy and think we're raising the levees. That's not the case here ... Once we cover (the improvements) up, we're hoping we'll never see them and they're out of the way."

Madison, Monroe and St. Clair counties, which make up the Southwestern Illinois Flood Prevention District Council, set out to make these improvements and ultimately work toward a 500-year-flood protection level when Federal Emergency Management Agency was planning to de-certify the levees, which would have led to higher flood insurance rates.

To help pay for these levee improvements, the county boards in St. Clair, Madison and Monroe counties passed a quarter-cent sales tax.

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THE VAST MAJORITY OF LEVEE IMPROVEMENTS WE'RE DOING ARE FOR UNDER SEEPAGE. A LOT OF PEOPLE HERE THE WORD LEVY AND THINK WE'RE RAISING THE LEVEES. THAT'S NOT THE CASE HERE... ONCE WE COVER (THE IMPROVEMENTS) UP, WE'RE HOPING WE'LL NEVER SEE THEM AND THEY'RE OUT OF THE WAY.

Randy Cook, engineer for Amec Foster Wheeler

At the Cahokia-area work location, sandy soil is prevalent and water has an easier time flowing through, Cook said.

“Sandy soil is a problem,” Cook said. “Water moves faster through sandy soil than through clay.”

This particular project is expected to be completed in the spring, but if spring floods become an issue, the work may continue into the summer, Cook said.

But the work is mainly taking place in the winter, when the temperatures have dropped.

“There’s only certain times of the year we could work because of the river. If the ground water is too high, we can’t excavate here,” Cook said. “Winter is the ideal time. Historically, it’s when the river is low. Last winter was abnormally high. Last year we had floods in December, so that delayed a lot of construction.”

Cook said a lot of the work that is going on now was originally planned for last winter.

“It’s just taken that long for the river to come down,” Cook said.

Cook said the relief wells and the pipe being installed to carry water back to the creek are important to the entire system.

“It’s meant to protect the whole levee system. If there’s a break right here, it affects all the way to Granite City,” Cook said. “A breach here would have affects all the way to East St. Louis, Madison, Venice, (and) obviously Cahokia here.”

THE DISTRICT COUNCIL ALSO JUST RECENTLY APPROVED STORM SEWER WORK IN EAST ST. LOUIS AND TWO NEW SLUICE GATES, WHICH HELP CONTROL WATER FLOW, IN PRAIRIE DUPONT AREA, FOR JUST UNDER \$700,000. THE WORK IS PART OF THE DISTRICT COUNCIL'S EFFORTS TO REACH THE 100-YEAR FLOOD PROTECTION LEVEL.

The district council also just recently approved storm sewer work in East St. Louis and the installation of two new gates to help control water flow in Prairie DuPont area, for just under \$700,000, Cook said. The work is part of the district council’s efforts to reach the 100-year flood protection level.

In East St. Louis there is a concrete sewer that runs under a levee that has leaks and needs to be rehabilitated. The 126-inch in diameter sewer, which was built before the 1950s, has outlived its life span, Cook said.

“The typical life span that we design for is a 50-year life,” Cook said.

The two gates that are being replaced are from the 1950s or ’60s and are malfunctioning, Cook said.

A lot of the corps of engineers design criteria for these levies was dated back to the 1950s, Cook said. That design criteria has changed and has improved over the years, he added.

“We don’t think they provide adequate protection anymore under the new criteria. Not necessarily because of failed maintenance or anything, but we know more about engineering, geotechnical engineering now, than we did in the 1950s. With the new criteria, we don’t think they’ll protect,” Cook said.

With the 100-year flood protection level nearly complete, work on the 500-year flood protection level is in the planning stages.

“
WE HOPE TO EXPEND THE MONEY WE HAVE AND HOPE THE CORPS GETS SUFFICIENT FUNDS OVER THE NEXT SEVERAL YEARS.
Chuck Etwert, chief supervisor of Construction and the Works for the Southwestern Illinois Flood Prevention District Council

Engineering and design work for the 500-year-flood protection is underway, and is expected to be completed in late summer or early fall, said Chuck Etwert, chief supervisor of construction and the works for the district council. Actual construction projects on bringing levees to a 500-year flood protection level could be under contract by early 2018, he added.

The Flood Prevention District Council will pay for 35 percent of the costs of bringing the levees to a 500-year level through work-in-kind credit; the U.S. Army Corps of Engineers will pay for 65 percent of the work, when it has projects funded, Etwert said.

He said if everything goes perfectly where the river stayed low enough and the Corps of Engineers receives enough funding from Congress, the projects to bring the levees to the 500-year flood protection level could be completed in 2024.

“We hope to (spend) the money we have and hope the corps gets sufficient funds over the next several years,” Etwert said.



Memo to: Board of Directors
From: Chuck Etwert
Subject: Budget and Disbursement Report for December 2016
Date: January 13, 2017

Current Budget Highlights

Attached is the financial statement for December 2016 prepared by our fiscal agent, CliftonLarsonAllen. The report includes an accounting of revenues and expenditures for the month ending December 31, 2016, as compared to our fiscal year budget.

Accrued expenditures for the current fiscal year beginning on October 1, 2016 are \$9,767,529 while revenues amounted to \$2,972,547 resulting in a deficit of \$6,794,982. A total of approximately \$28,302,217 is now held by the counties in their respective FPD sales tax funds and is available for the Council's use on the project.

Monthly sales tax receipts of \$949,471 for October 2016 (the latest month reported by the Illinois Department of Revenue) were down .35% from last year. Total receipts for the year are up 0.35% from last year, which was our highest year.

Monthly Disbursements

Attached is the list of bank transactions for December 2016. Total disbursements for the month were \$1,915,439.36. The largest payments were to Keller Construction for BP #5, Korte & Luitjohan for BP #2B, Lane Construction for BP #6, Amec Foster Wheeler, Husch Blackwell and Hill International.

Recommendation:

Accept the budget report and disbursements for December 2016.



**SOUTHWESTERN ILLINOIS FLOOD PREVENTION
DISTRICT COUNCIL**

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

THREE MONTHS ENDING DECEMBER 31, 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 three months ended December 31, 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, 2017 and 2016, have not been compiled or examined by us, and, accordingly, we do not express an opinion or any other form of assurance on them.

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

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

CliftonLarsonAllen LLP

St. Louis, Missouri
January 5, 2017

**SOUTHWESTERN ILLINOIS FLOOD PROTECTION DISTRICT COUNCIL
GENERAL FUND
STATEMENT OF REVENUES AND EXPENDITURES - BUDGET AND ACTUAL
THREE MONTHS ENDED DECEMBER 31, 2016 (Actual)
FISCAL YEAR ENDING SEPTEMBER 30, 2017 (Budget)**

	BUDGET		ACTUAL	VARIANCE WITH
	ORIGINAL	FINAL		FINAL BUDGET
				POSITIVE (NEGATIVE)
REVENUES				
Sales Tax Proceeds From Districts	\$ 11,750,000	\$ 11,750,000	\$ 2,830,042	\$ 8,919,958
Interest Income	640,000	640,000	142,505	497,495
Other Contributions	-	-	-	-
Total Revenues	<u>12,390,000</u>	<u>12,390,000</u>	<u>2,972,547</u>	<u>9,417,453</u>
EXPENDITURES				
Current				
Design and Construction				
Engineering Design & Construction Management	9,197,055	9,197,055	647,282	8,549,773
Construction	22,840,515	22,840,515	4,213,436	18,627,079
Construction and design by US ACE	5,760,115	5,760,115	-	5,760,115
Total Design and Construction	<u>37,797,685</u>	<u>37,797,685</u>	<u>4,860,718</u>	<u>32,936,967</u>
Professional Services				
Legal & Legislative Consulting	458,500	458,500	91,678	366,822
Diversity Program Manager	25,000	25,000	-	25,000
Financial Advisor	65,000	65,000	7,053	57,947
Bond Underwriter/Conduit Issuer	12,000	12,000	1,298	10,702
Total Professional Services	<u>560,500</u>	<u>560,500</u>	<u>100,029</u>	<u>460,471</u>
Refund of Surplus Funds to County FPD Accounts				
Madison County	1,911,400	1,911,400	315,194	1,596,206
Monroe County	202,080	202,080	33,324	168,756
St. Clair County	1,886,520	1,886,520	311,091	1,575,429
Total Refund of Surplus Funds to County	<u>4,000,000</u>	<u>4,000,000</u>	<u>659,609</u>	<u>3,340,391</u>
Debt Service				
Principal and Interest	10,725,020	10,725,020	4,086,335	6,638,685
Federal Interest Subsidy	(848,250)	(848,250)	-	(848,250)
Total Debt Service	<u>9,876,770</u>	<u>9,876,770</u>	<u>4,086,335</u>	<u>5,790,435</u>
Total Operating Expenses	<u>52,234,955</u>	<u>52,234,955</u>	<u>9,706,691</u>	<u>42,528,264</u>
General and Administrative Costs				
Salaries, Benefits	203,000	203,000	49,916	153,084
Bank Service Charges	1,500	1,500	253	1,247
Conference Registration	350	350	-	350
Equipment and Software	2,000	2,000	-	2,000
Fiscal Agency Services	30,000	30,000	7,620	22,380
Audit Services	15,500	15,500	-	15,500
Meeting Expenses	1,000	1,000	338	662
Postage/Delivery	400	400	192	208
Printing/Photocopies	3,500	3,500	528	2,972
Professional Services	10,000	10,000	349	9,651
Publications/Subscriptions	250	250	3	247
Supplies	3,300	3,300	669	2,631
Telecommunications/Internet	3,000	3,000	485	2,515
Travel	5,000	5,000	-	5,000
Insurance	1,000	1,000	485	515
Total General & Administrative Costs	<u>279,800</u>	<u>279,800</u>	<u>60,838</u>	<u>218,962</u>
Total Expenditures	<u>52,514,755</u>	<u>52,514,755</u>	<u>9,767,529</u>	<u>42,747,226</u>
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	(40,124,755)	(40,124,755)	(6,794,982)	33,329,773
OTHER FINANCING SOURCES				
Proceeds From Borrowing	-	-	-	-
NET CHANGE IN FUND BALANCE	<u>\$ (40,124,755)</u>	<u>\$ (40,124,755)</u>	<u>\$ (6,794,982)</u>	<u>\$ 33,329,773</u>

**SOUTHWESTERN ILLINOIS FLOOD PROTECTION DISTRICT COUNCIL
GENERAL FUND
STATEMENT OF REVENUES AND EXPENDITURES - BUDGET AND ACTUAL
THREE MONTHS ENDED DECEMBER 31, 2015 (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	\$ 2,844,695	\$ 8,655,305
Interest Income	75,000	75,000	88,407	(13,407)
Total Revenues	<u>11,575,000</u>	<u>11,575,000</u>	<u>2,933,102</u>	<u>8,641,898</u>
EXPENDITURES				
Current				
Design and Construction				
Engineering Design & Construction Management	13,939,900	14,933,787	1,041,190	13,892,597
Construction	26,597,316	44,674,432	6,200,641	38,473,791
Construction and design by US ACE	2,739,245	2,739,245	-	2,739,245
Total Design and Construction	<u>43,276,461</u>	<u>62,347,464</u>	<u>7,241,831</u>	<u>55,105,633</u>
Professional Services				
Legal & Legislative Consulting	391,000	391,000	155,517	235,483
Diversity Program Manager	25,130	25,130	12,565	12,565
Financial Advisor	83,200	83,200	51,113	32,087
Bond Unserwriter/Conduit Issuer	10,000	10,000	1,744	8,256
Total Professional Services	<u>509,330</u>	<u>509,330</u>	<u>220,939</u>	<u>288,391</u>
Refund of Surplus Funds to County FPD Accounts				
Madison County	1,911,400	1,911,400	594,944	1,316,456
Monroe County	202,080	202,080	62,500	139,580
St. Clair County	1,886,520	1,886,520	600,041	1,286,479
Total Refund of Surplus Funds to County	<u>4,000,000</u>	<u>4,000,000</u>	<u>1,257,485</u>	<u>2,742,515</u>
Debt Service				
Principal and Interest	7,103,089	7,103,089	2,411,790	4,691,299
Federal Interest Subsidy	(843,700)	(843,700)	-	(843,700)
Total Debt Service	<u>6,259,389</u>	<u>6,259,389</u>	<u>2,411,790</u>	<u>3,847,599</u>
Total Operating Expenses	<u>54,045,180</u>	<u>73,116,183</u>	<u>11,132,045</u>	<u>61,984,138</u>
General and Administrative Costs				
Salaries, Benefits	196,500	196,500	41,467	155,033
Bank Service Charges	1,500	1,500	358	1,142
Conference Registration	350	350	-	350
Equipment and Software	2,000	2,000	-	2,000
Fiscal Agency Services	29,000	29,000	6,500	22,500
Audit Services	15,000	15,000	608	14,392
Meeting Expenses	1,000	1,000	-	1,000
Postage/Delivery	400	400	55	345
Printing/Photocopies	2,500	2,500	1,206	1,294
Professional Services	10,000	10,000	256	9,744
Publications/Subscriptions	250	250	3	247
Supplies	3,000	3,000	818	2,182
Telecommunications/Internet	3,000	3,000	1,241	1,759
Travel	5,000	5,000	-	5,000
Insurance	1,000	1,000	942	58
Total General & Administrative Costs	<u>270,500</u>	<u>270,500</u>	<u>53,454</u>	<u>217,046</u>
Total Expenditures	<u>54,315,680</u>	<u>73,386,683</u>	<u>11,185,499</u>	<u>62,201,184</u>
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	(42,740,680)	(61,811,683)	(8,252,397)	53,559,286
OTHER FINANCING SOURCES				
Proceeds From Borrowing	65,000,000	77,545,236	27,705,000	49,840,236
NET CHANGE IN FUND BALANCE	<u>\$ 22,259,320</u>	<u>\$ 15,733,553</u>	<u>\$ 19,452,603</u>	<u>\$ (3,719,050)</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

2013

	Jan	Feb	March	April	May	June	July	August	Sept	October	November	December	Total	
Madison	\$375,398	\$383,170	\$424,507	\$425,469	\$457,212	\$451,494	\$436,686	\$442,449	\$430,541	\$429,499	\$432,541	\$500,233	\$5,189,199	47.062%
St. Clair	\$381,645	\$395,527	\$449,397	\$434,001	\$457,942	\$462,603	\$422,892	\$432,195	\$430,014	\$419,350	\$448,076	\$560,165	\$5,293,807	48.011%
Monroe	\$37,888	\$39,679	\$45,689	\$45,913	\$48,212	\$47,694	\$42,672	\$45,143	\$44,733	\$44,723	\$47,111	\$53,853	\$543,310	4.927%
Total Month	\$794,931	\$818,376	\$919,593	\$905,383	\$963,366	\$961,791	\$902,250	\$919,787	\$905,288	\$893,572	\$927,728	\$1,114,251	\$11,026,316	
Cumulative Total	\$794,931	\$1,613,307	\$2,532,900	\$3,438,283	\$4,401,649	\$5,363,440	\$6,265,690	\$7,185,477	\$8,090,765	\$8,984,337	\$9,912,065	\$11,026,316		
% change/month	1.83%	-4.94%	-6.89%	-4.64%	-3.37%	-3.48%	0.64%	-0.21%	-0.74%	-0.61%	-0.19%	-4.23%		
% change/total	1.83%	-1.72%	-3.66%	-3.92%	-3.80%	-3.74%	-3.14%	-2.77%	-2.55%	-2.36%	-2.16%	-2.37%	-2.37%	

2014

	Jan	Feb	March	April	May	June	July	August	Sept	October	November	December	Total	
Madison	\$373,895	\$383,909	\$456,964	\$457,729	\$484,657	\$491,911	\$455,629	\$454,995	\$442,808	\$447,128	\$452,169	\$521,522	\$5,423,317	47.785%
St. Clair	\$354,762	\$395,885	\$460,143	\$436,379	\$458,819	\$470,546	\$426,263	\$434,064	\$445,419	\$433,077	\$446,001	\$591,387	\$5,352,747	47.163%
Monroe	\$42,321	\$39,665	\$47,587	\$47,796	\$52,206	\$49,022	\$47,357	\$46,167	\$50,056	\$48,920	\$49,552	\$52,714	\$573,362	5.052%
Total Month	\$770,978	\$819,459	\$964,694	\$941,905	\$995,682	\$1,011,479	\$929,249	\$935,226	\$938,283	\$929,126	\$947,722	\$1,165,623	\$11,349,426	
Cumulative Total	\$770,978	\$1,590,437	\$2,555,131	\$3,497,036	\$4,492,718	\$5,504,197	\$6,433,446	\$7,368,671	\$8,306,955	\$9,236,081	\$10,183,803	\$11,349,426		
% change/month	-3.01%	0.13%	4.90%	4.03%	3.35%	5.17%	2.99%	1.68%	3.64%	3.98%	2.16%	4.61%		
% change/total	-3.01%	-1.42%	0.88%	1.71%	2.07%	2.62%	2.68%	2.55%	2.67%	2.80%	2.74%	2.93%	2.93%	

2015

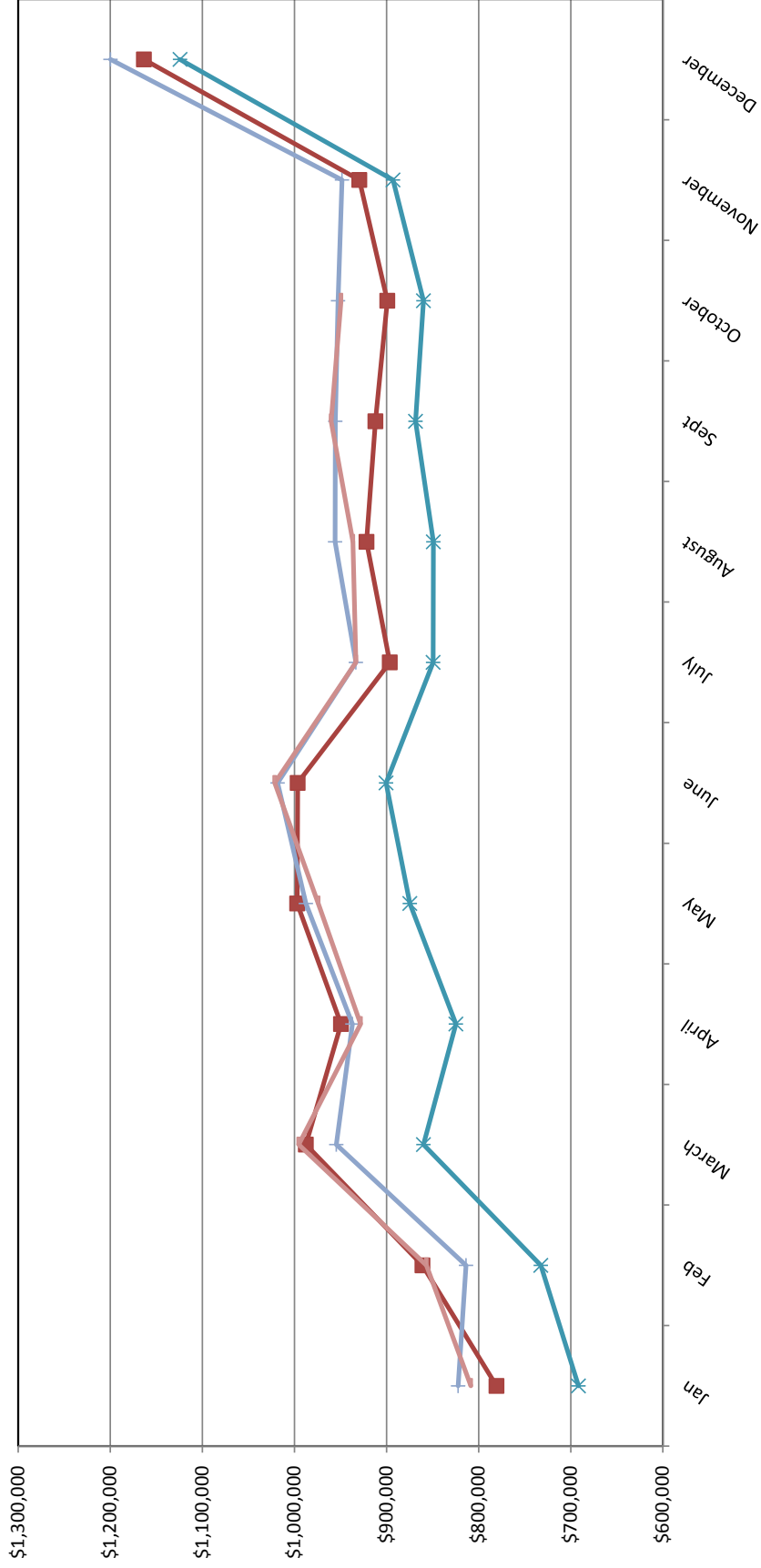
	Jan	Feb	March	April	May	June	July	August	Sept	October	November	December	Total	
Madison	\$399,500	\$390,593	\$446,269	\$464,703	\$481,304	\$486,423	\$453,262	\$461,408	\$460,379	\$462,462	\$452,448	\$543,239	\$5,501,990	47.932%
St. Clair	\$379,901	\$383,206	\$462,400	\$425,254	\$455,740	\$483,020	\$432,378	\$448,558	\$448,981	\$443,474	\$449,738	\$604,257	\$5,416,905	47.191%
Monroe	\$42,760	\$39,903	\$45,866	\$47,189	\$50,546	\$48,723	\$47,636	\$45,837	\$46,257	\$46,831	\$46,048	\$52,198	\$559,793	4.877%
Total Month	\$822,161	\$813,702	\$954,534	\$937,146	\$987,590	\$1,018,166	\$933,276	\$955,803	\$955,617	\$952,766	\$948,234	\$1,199,694	\$11,478,688	
Cumulative Total	\$822,161	\$1,635,863	\$2,590,397	\$3,527,543	\$4,515,133	\$5,533,299	\$6,466,575	\$7,422,377	\$8,377,994	\$9,330,760	\$10,278,994	\$11,478,688		
% change/month	6.64%	-0.70%	-1.05%	-0.51%	-0.81%	0.66%	0.43%	2.20%	1.85%	2.54%	0.05%	2.92%		
% change/total	6.64%	2.86%	1.38%	0.87%	0.50%	0.53%	0.51%	0.73%	0.86%	1.03%	0.93%	1.14%	1.14%	

2016

	Jan	Feb	March	April	May	June	July	August	Sept	October	November	December	Total	
Madison	\$395,852	\$411,203	\$475,278	\$456,249	\$478,524	\$494,024	\$452,132	\$458,210	\$470,096	\$475,402			\$4,566,968	48.772%
St. Clair	\$372,259	\$406,919	\$474,256	\$423,758	\$448,782	\$480,827	\$436,971	\$434,488	\$445,274	\$426,875			\$4,350,408	46.459%
Monroe	\$40,343	\$38,630	\$45,925	\$48,147	\$46,862	\$46,530	\$44,151	\$43,946	\$44,775	\$47,195			\$446,502	4.768%
Total Month	\$808,455	\$856,751	\$995,459	\$928,154	\$974,167	\$1,021,380	\$933,254	\$936,644	\$960,144	\$949,471			\$9,363,879	
Cumulative Total	\$808,455	\$1,665,206	\$2,660,665	\$3,588,818	\$4,562,986	\$5,584,366	\$6,517,619	\$7,454,264	\$8,414,408	\$9,363,879				
% change/month	-1.67%	5.29%	4.29%	-0.96%	-1.36%	0.32%	0.00%	-2.00%	0.47%	-0.35%				
% change/total	-1.67%	1.79%	2.71%	1.74%	1.06%	0.92%	0.79%	0.43%	0.43%	0.35%				

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
DECEMBER 31, 2016**

Beginning Bank Balance December 1, \$ 722,995.17
Receipts

UMB Bank	12/20/2016 Transfer / Admin	24,150.80	
UMB Bank	12/20/2016 Transfer / Construction	2,412,365.03	
The Bank of Edwardsville	12/31/2016 Interest Income	357.81	
			\$ 2,436,873.64

Disbursements

AT&T	12/01/2016 Tablet Service	32.12	
Dorgan, McPike & Assoc, LTD	12/01/2016 Legal Legislative	3,000.00	
ABNA	12/01/2016 Construction	316.80	
Smith Dawson & Andrews	12/01/2016 Government Relations	5,000.00	
CDW Government	12/01/2016 Supplies	359.76	
Webroot Software	12/02/2016 Virus Protection	86.48	
Microsoft Office	12/02/2016 Subscription	0.99	
Sprague & Urban, Attorneys at Law	12/05/2016 Legal & Legislative	6,075.00	
CliftonLarsonAllen LLP	12/06/2016 Fiscal Agent	3,144.78	
Husch Blackwell	12/06/2016 Legal & Legislative	64,553.92	
Staples	12/09/2016 Supplies	117.29	
Cahokia Acres LLC	12/12/2016 Easement	5,500.00	
Columbia Capital	12/12/2016 Financial Advisor	3,250.00	
Haier Plumbing	12/12/2016 Construction	27,000.00	
Village of Cahokia	12/12/2016 Easement	1,200.00	
Columbia Capital	12/12/2016 Financial Advisor	900.00	
AT&T	12/12/2016 Telephone	52.85	
LogMeln, Inc	12/13/2016 Annual Subscription	349.00	
Amec Foster Wheeler Environment & Infracore	12/19/2016 Construction	438,578.41	
Hill International, Inc	12/19/2016 Construction	59,686.25	
Cost Less Copy Center	12/20/2016 Board Meeting Materials	190.00	
The Bank of Edwardsville	12/20/2016 Wire Fee	10.00	
The Bank of Edwardsville	12/20/2016 Wire Fee	10.00	
ABNA	12/23/2016 Construction	8,827.95	
Sprague & Urban, Attorneys at Law	12/23/2016 Legal & Legislative	1,200.00	
ABNA	12/23/2016 Construction	850.30	
The Bank of Edwardsville	12/23/2016 Wire Fee	15.00	
The Bank of Edwardsville	12/23/2016 Wire Fee	15.00	
The Bank of Edwardsville	12/23/2016 Wire Fee	15.00	
Keller Construction Inc	12/29/2016 Construction	837,698.38	
Korte & Luitjohan Contractors Inc	12/29/2016 Construction	397,100.00	
The Lane Construction Corporation	12/29/2016 Construction	50,286.52	
The Bank of Edwardsville	12/31/2016 Bank Service Fee	17.56	
			\$ 1,915,439.36
			\$ 1,244,429.45



Memo to: Board of Directors

From: Chuck Etwert

Subject: Commitment to Provide Cost-Share to the Corps of Engineers to continue Design Deficiency Project Activities for the Design and Oversight of Levee System Improvements for the Authorized Level of Flood Protection in East St. Louis and Wood River Drainage and Levee Districts.

Date: January 13, 2017

After last months' Council meeting, Amec Foster Wheeler and I met with the Corps to discuss the financing of future Authorized Level Projects.

The Corps of Engineers is very much aware of the Council's stand on not providing 35% cash cost share funding on Corps construction projects that do not have a mandated PLA. However, the Corps needs cost share funds to continue Corps design and provide oversight on Council design and construction.

Therefore, the Corps has requested cost share funding as follows:

In the Wood River area, where Work In-Kind Credit can only be accumulated until the Project Partnership Agreement is approved (an estimated 24 to 30 months):

- The Corps is requesting \$5,000,000 in cost share funds to allow the Corps to construct the next phase of the Wood River Deep Cutoff Wall with 100 % Corps funds (similar to the Wood River Shallow Cutoff Wall currently under construction), and provide oversight on the Council's design and construction of Authorized Level Projects.
- The Corps is requesting \$400,000 in cost share funds needed for the Corps to complete the risk assessment/solution report that was discussed at last month's meeting.
- The Corps is requesting \$455,000 in cost share funds to match funds transferred to the Wood River Design Deficiency project due to the closeout of the Wood River Reconstruction project and the Grassy Lake Pump Station project.

This is a very large request, but it will allow the Authorized Level Projects to proceed. The Corps will build projects with their funds and the Council will build projects with our funds. With this cost share commitment, the Council will satisfy the 5% cash requirement and

with the construction of Authorized Level Project BP #8 will be able to satisfy the 30% Work In-Kind requirement. In the future, when additional Corps funds become available the Corps would utilize the 5% cash and 30% Work In-Kind to match their funds. The Corps has indicated, any construction that they complete, would assist them in getting future funding.

In the East St. Louis area, where approval of the Project Partnership Agreement is anticipated by the end of the year (allowing the utilization of Work In-Kind credit):

- The Corps is requesting \$5,700,000 in cost share funds to allow the Corps to design and construct Authorized Level Projects (such as the Cahokia Relief Wells, which replaced the Deep Cutoff Wall) with 100% Corps funds and provide oversight on the Council's design and construction of Authorized Level Projects.

Again, this is a very large request, but as in Wood River, it will allow the Authorized Level Projects to proceed. The Corps will build projects with their funds and the Council will build projects with Council funds. With this cost share commitment, the Council will satisfy the 5% cash requirement and with the construction of Authorized Level Project BP #14 will be able to satisfy a portion of the 30% Work In-Kind requirement. In the future, when additional Corps funds become available the Corps would utilize the 5% cash and 30% Work In-Kind to match their funds.

Cost share funds provided to the Corps in Wood River and East St. Louis would be utilized on Corps labor for design or oversight of Council activities, not Corps construction contracts.

To date, no federal allocations have been made for either Wood River or East St. Louis, the requests for funding are based on potential Work Plan opportunities in FY17. The request for authorization of funds would be subject to funds being allocated to the Corps. If the Corps doesn't receive FY17 Work Plan funding, the same request will be made for FY18 funding.

Sufficient funds from budgeted funds for the Corps, the reduction of costs for the 126 inch sewer repair, the reduction in anticipated Hazardous Material Mitigation, and the reduction of anticipated design costs are available to satisfy the Corps' request.

Authorization of the Corps' requests will allow the Authorized Level Projects to proceed, even though the Project Partnership Agreements will not be approved this month as originally indicated.

Copies of the Corps' request are attached.

Recommendation: Authorize the Chief Supervisor to provide a total of \$11,555,000 as cost-share for Corps of Engineers design deficiency project activities in accordance with the existing Design Agreements in the East St. Louis and Wood River Drainage and Levee Districts in FY17 or FY18,



DEPARTMENT OF THE ARMY
ST. LOUIS DISTRICT CORPS OF ENGINEERS
1222 SPRUCE STREET
ST. LOUIS, MISSOURI 63103-2833

REPLY TO

Programs and Project Management Division
Project Development Branch

JAN 12 2017

Mr. Charles Etwert, Chief Supervisor of Construction and the Works
Southwestern Illinois Flood Prevention District Council
104 United Drive
Collinsville, Illinois 62234

Dear Mr. Etwert:

At the Southwestern Illinois Flood Prevention District Council Board meeting held on December 21, 2016, the St. Louis District COE provided a brief regarding the status of the Metro East projects. As requested, I am providing a summary of the information presented with respect to the Wood River Drainage and Levee District design deficiency correction project.

The Wood River Design Deficiency Limited Revaluation Report (LRR), approved in 2011, was based on the best available data at the time. Through recent USACE and FPD efforts, additional information has been obtained and changes have occurred to the base project conditions. These changes include the construction completed by the FPD for FEMA accreditation and updates to actual field parameters such as permeability and topographic data. These changes necessitated a re-analysis of the project solution identified in the LRR. Completion of the re-analysis indicates an increase of the total project costs. Due to the potential magnitude of the increase in total cost, a risk analysis and supplemental report will be prepared.

There is a large amount of uncertainty associated with complex infrastructure projects. Risk analysis is the method utilized to make better informed decisions by identifying, estimating and characterizing the uncertainty by evaluating all possible hazards that could affect the levee system, how the system will perform in response to these hazards and the consequences if the system does not perform as intended. The results of the risk assessment will help determine the most appropriate design criteria that are aligned with the current level of life safety risk and help make informed infrastructure investment decisions in order to most effectively reduce risk. It is estimated that the risk analysis and supplemental report will take approximately 24 months to complete. The report will result in an updated approved total project cost.

The St. Louis District acknowledges the FPD's request that project labor agreements be mandated for construction contracts in the geographic area. The Army and the Corps delivered on an alternative acquisition strategy to address the PLA issue; however, the outcome did not meet FPD expectations. We also acknowledge the FPD's desire to provide cost share funds as Work in Kind (WIK) credit. Development of an Integral Determination Report (IDR) and an amendment to the Project Partnership Agreement (PPA) are required to afford WIK credit to the FPD. The PPA amendment requires an accurate project cost estimate and ASA(CW) approval. As a result the PPA amendment will not be executed until the supplemental report is complete and updated total project costs are determined. Therefore, until such time that WIK credit can be afforded, the FPD will be required to provide cost share contributions in cash.

In accordance with Article II B of the Project Partnership Agreement executed between the Southwestern Illinois Flood Prevention District Council (FPD) and the U.S. Army Corps of Engineers (Corps) for the Design Deficiency Corrections for Wood River, Illinois Flood Protection Project, I am requesting cost share funds to continue MVS design deficiency project activities. This project is cost shared at a rate of 65% Federal funds and 35% sponsor cost share funds. Although no funds allocations have been made for the Wood River Project in FY17 to date, there are potential future opportunities in FY17 for allocation of funds. Depending upon the actual allocation, I anticipate requesting the FPD provide cost share funds in the amount

of up to approximately \$5,400,000. In addition to the potential funding opportunities in FY17, Federal funds were transferred to the Wood River Design Deficiency project from the Wood River Reconstruction project and the Grassy Lake Pump Station project when these projects closed. I am requesting \$455,000 in cost share funds based on these transferred Federal funds. The potential total request for cost share funds is estimated in the amount of up to \$5,855,000.

The FY17 potential activities include Corps construction of the deep cutoff wall with the intent to utilize only Federal funds, Corps design activities for the risk assessment/supplemental report, Corps oversight of design activities for FPD WIK bid packages and Corps construction observation associated with both the WIK bid packages and the Corps construction contract.

These cost share funds are required for the Corps to be able to execute Federal allocations received in FY17. Provision of cost share funds will allow the Corps to proceed with construction contracts without mandatory PLA language (as done for the Wood River Shallow Cutoff Wall contract), indicates that there are no cost share issues and helps identify the project as creditable for future funds requests, and allows the Corps to provide oversight to the Council on the design and construction of WIK projects with PLAs, such as BP #8 and BP #14. MVS will provide monthly reports documenting the status of the Non-Federal cost share funds.

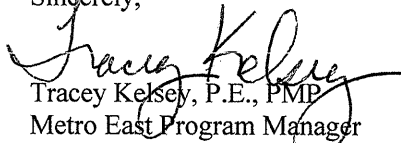
Please be prepared to provide up to \$5,855,000 in cost share funds for FY17 project activities. When an actual allocation, if any, is made known, that amount, along with the corresponding cost share requirements, will be communicated immediately.

The check should be made payable to "FAO, USAED, St. Louis (B3)" and should be mailed to:
U.S. Army Corps of Engineers
St. Louis District
Attention: CEMVS-PM-N (Kelsey)
1222 Spruce Street
St. Louis, Missouri 63103-2833.

If preferred, funds may be provided to the St. Louis District by Electronic Funds Transfer. Verna Meyer, Chief of Finance and Accounting Branch (314-331-8085) will be happy to assist you and your bank to facilitate the funds transfer.

If you have any questions, please contact me at (314) 331-8477 or e-mail tracey.b.kelsey@usace.army.mil.

Sincerely,


Tracey Kelsey, P.E., PMP
Metro East Program Manager
Programs and Project Management

c: Mr. Steve Kochan, Wood River Drainage and Levee District



**DEPARTMENT OF THE ARMY
ST. LOUIS DISTRICT CORPS OF ENGINEERS
1222 SPRUCE STREET
ST. LOUIS, MISSOURI 63103-2833**

REPLY TO

Programs and Project Management Division
Project Development Branch

JAN 12 2017

Mr. Charles Etwert, Chief Supervisor of Construction and the Works
Southwestern Illinois Flood Prevention District Council
104 United Drive
Collinsville, Illinois 62234

Dear Mr. Etwert:

At the Southwestern Illinois Flood Prevention District Council Board meeting held on December 21, 2016, the St. Louis District COE provided a brief regarding the status of the Metro East projects. As requested, I am providing a summary of the information presented with respect to the East St. Louis, Illinois Flood Protection design deficiency correction project.

The East St. Louis Design Deficiency Supplemental Limited Revaluation Report (LRR), approved in 2011, was based on the best available data at the time. Through recent USACE and FPD efforts, additional information has been obtained and changes have occurred to the base project conditions. These changes include the construction completed by the FPD for FEMA accreditation and updates to actual field parameters such as permeability and topographic data. These changes necessitated a re-analysis of the project solution identified in the LRR. Completion of the re-analysis and the resulting update to total project cost is anticipated to be complete in May, 2017. The magnitude of the change in total project costs will determine whether updates to the LRR are required.

There is a large amount of uncertainty associated with complex infrastructure projects. Risk analysis is the method utilized to make better informed decisions by identifying, estimating and characterizing the uncertainty by evaluating all possible hazards that could affect the levee system, how the system will perform in response to these hazards and the consequences if the system does not perform as intended. The results of the risk assessment will help determine the most appropriate design criteria that are aligned with the current level of life safety risk and help make informed infrastructure investment decisions in order to most effectively reduce risk. The East St. Louis Levee System was selected to be part of a COE wide pilot study for developing a risk assessment. The risk assessment is expected to be complete in 2017.

The St. Louis District acknowledges the FPD's request that project labor agreements be mandated for construction contracts in the geographic area. The Army and the Corps delivered on an alternative acquisition strategy to address the PLA issue; however, the outcome did not meet FPD expectations. We also acknowledge the FPD's desire to provide cost share funds as Work in Kind (WIK) credit. Development of an Integral Determination Report (IDR) and an amendment to the Project Partnership Agreement (PPA) are required to afford WIK credit to the FPD. The PPA amendment requires an accurate project cost estimate and ASA(CW) approval. As a result the PPA amendment will not be executed until the re-analysis is complete and updated total project costs are determined. Therefore, until such time that WIK credit can be afforded, the FPD will be required to provide cost share contributions in cash.

In accordance with Article II B of the Project Partnership Agreement executed between the Southwestern Illinois Flood Prevention District Council (FPD) and the U.S. Army Corps of Engineers (Corps) for the Design Deficiency Corrections for East St. Louis, Illinois Flood Protection Project, I am requesting cost share funds to continue MVS design deficiency project activities. This project is cost shared at a rate of 65% Federal funds and 35% sponsor cost share funds. Although no funds allocations have been made for the East St Louis Project in FY17 to date, there are potential future opportunities in FY17 for allocation of funds. Depending upon the actual allocation, I anticipate requesting the FPD provide cost share funds in the amount of up to approximately \$5,700,000.

The FY17 potential activities include Corps construction of relief wells/pump station modifications with the intent to utilize only Federal funds, Corps design activities for underseepage control, Corps oversight of design activities for FPD WIK bid packages and construction observation associated with WIK bid packages and the Corps construction contract.

These cost share funds are required for the Corps to be able to execute Federal allocations received in FY17. Provision of cost share funds will allow the Corps to proceed with construction contracts without mandatory PLA language (as done for the Wood River Shallow Cutoff Wall contract), indicates that there are no cost share issues and helps identify the project as creditable for future funds requests, and allows the Corps to provide oversight to the Council on the design and construction of WIK projects with PLAs, such as BP #8 and BP #14. MVS will provide monthly reports documenting the status of the Non-Federal cost share funds.

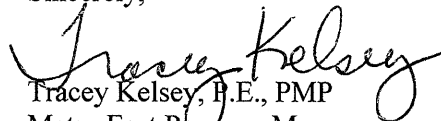
Please be prepared to provide up to \$5,700,000 in cost share funds for FY17 project activities. When an actual allocation, if any, is made known, that amount, along with the corresponding cost share requirements, will be communicated immediately.

The check should be made payable to "FAO, USAED, St. Louis (B3)" and should be mailed to:
U.S. Army Corps of Engineers
St. Louis District
Attention: CEMVS-PM-N (Kelsey)
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If you have any questions, please contact me at (314) 331-8477 or e-mail tracey.b.kelsey@usace.army.mil.

Sincerely,


Tracey Kelsey, P.E., PMP
Metro East Program Manager
Programs and Project Management

c: Mr. Bob Shipley, Metro East Sanitary District



Memo to: Board of Directors

From: Chuck Etwert

Subject: Change Order BP #3

Date: January 13, 2017

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

We have two change orders on Bid Packages #3 and one change order on Bid Package #4, which Amec Foster Wheeler will be explaining at the meeting.

Bid Package 03 – Random Fill #2 Ditch Work - \$39,475.68

This change order includes ditch work near Random Fill #2. During construction of the fill, it was noticed that water was unexpectedly ponding on an area adjacent to the levee improvements. After investigation and discussions with the contractor, it was agreed upon that a small ditch to drain off the remaining water was needed to complete this portion of work. The total for this change order is \$39,475.68.

Bid Package 03 – Losch Pond Ditch Imported Clay Material - \$49,486.44

This change order includes removal and disposal of existing sand material on the bank of a ditch that has not yet had vegetation established. Heavy rains since completion of the grading work last fall have prohibited vegetation to grow, thereby causing excessive scour. Due to the current winter season, this change order is to import clay material on the bank of the ditch which is much less likely to scour out during the turf establishment period. The area in question will be planted and farmed in the spring; therefore, there is urgency to have the work complete and vegetation established quickly.

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This change order also includes a credit for the seeding costs of the previous grading work since vegetation was never established (in the amount of \$7,440.80). The net total for this change order is \$49,486.44.

Bid Package 04 – Relief Well Floor Drains and Casing Pipe Supports Credit– (\$10,656.00)

As requested by the end user, MESD, the project team opted to revise the T-Type relief well detail to plug the floor drains and eliminate the casing pipe supports inside the relief well manholes, to better facilitate access for basic operation and maintenance. This change resulted in a net credit for material and installation time, in the amount of \$10,656.00.

- Plug 18 Relief Well Floor Drains - \$2,214.00
- Elimination of 18 casing pipe supports – (\$12,870.00)

Recommendation:

Authorize the Chief Supervisor to approve the requested change orders for Bid Package 03 – Random Fill #2 Ditch Work in the amount of \$39,475.68 and Losch Pond Ditch Imported Clay Material in the amount of \$49,486.44 with Keller Construction and Bid Package 04 – Relief Well Floor Drains and Casing Pipe Supports Credit in the amount of \$10,656.00 with Haier Plumbing for a total not to exceed \$78,306.12.

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

Pending Change Orders:

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

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

Bid Package 7B – Relief Well 1038D Abandonment

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