



**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
BOARD OF DIRECTORS MEETING
May 18, 2016 7:30 am**

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

1. Call to Order
Ron Motil, President
2. Approval of Minutes of April 20, 2016
3. Public Comment on Pending Agenda Items
4. Program Status Report
Chuck Etwert, Chief Supervisor
5. Budget Update and Approval of Disbursements
Chuck Etwert, Chief Supervisor
6. Design and Construction Update
Jay Martin, Amec Foster Wheeler
7. Change Orders BP #2C, BP #3, BP #4, & BP #6
Amec Foster Wheeler Environment & Infrastructure
Chuck Etwert, Chief Supervisor
8. Update from Corps of Engineers
Michael Feldmann, U.S. Army Corps of Engineers
9. Public Comment

Executive Session (if necessary)
10. Other Business
11. Adjournment

AGENDA

Next Meeting: June 15, 2016

MINUTES

SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL BOARD OF DIRECTORS MEETING

April 20, 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 April 20, 2016.

Members in Attendance

Ron Motil, President (Chair, Madison County Flood Prevention District)
John Conrad, Secretary/Treasurer (Chair, Monroe County Flood Prevention District)
Bruce Brinkman, Monroe County Flood Prevention District
John Hamm, Madison County Flood Prevention District
Tom Long, Madison County Flood Prevention District
Alvin Parks, Jr., St. Clair County Flood Prevention District

Members Absent

Paul Bergkoetter, Vice President (St. Clair County Flood Prevention District)
Debra Moore, (Chair, St. Clair County Flood Prevention District)
Ronald Polka, Monroe County Flood Prevention District

Others in Attendance

Alan Dunstan, Madison County Board Chair
Terry Liefer, Monroe County Board Chair
Chuck Etwert, SW Illinois FPD Council
Ray Bailey, ABNA Engineering
Rich Conner, Levee Issues Alliance
Randy Cook, Amec Foster Wheeler Environment & Infrastructure
Mike Feldmann, U.S. Army Corps of Engineers
Walter Greathouse, Metro-East Sanitary District
Gary Hoelscher, Millennia Professional Services
Larry Hofstetter, Prairie Du Pont Levee and Sanitary District
David Human, Husch Blackwell LLP
Ronald S. Kaempfe, IUOE Local 520
Tracey Kelsey, U.S. Army Corps of Engineers
Jay Martin, Amec Foster Wheeler Environment & Infrastructure
Jack Norman, Southern Illinois Groundwater Advisory Council
David Oates, Oates Associates
Jon Omvig, Amec Foster Wheeler Environment & Infrastructure

Joe Parente, Madison County
Dale Stewart, Southwestern Illinois Building Trades Council
Mike Sullivan, Prairie Du Pont Levee and Sanitary District
Matt Vielhaber, U.S. Army Corps of Engineers

Call to order

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

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

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

A quorum was present.

Approval of Minutes of March 16, 2016

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

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

The motion was approved.

Public Comment on Pending Agenda Items

Mr. Motil asked if there were any comments from the public on any agenda item on today's agenda.

Mr. Ronald Kaempfe of IUOE Local 520, stated that they previously had reported that TREVIICOS South was behind in payments to them, however, a payment was received on April 18th, which paid a lot of what was owed. They still owe back damages for late fees and will have payments from April. He requested that whatever the Council is withholding from them, to make sure that everything is paid, if so possible. Mr. Motil agreed and thanked Mr. Kaempfe for his comment.

Program Status Report

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

He indicated approximately 76% of the \$72.6 million of construction, involved in all nine current construction bid packages, has been completed thru March. The amount of work completed during the month was just over \$4.3 million, which is the largest monthly amount spent to date. The total amount of construction completed is \$55.1 million.

As reported last month, FEMA has denied the request for the Presidential Declaration regarding the December flooding based on the preliminary damage assessment being just over 16 million which is below the 18 million dollar state required loss level. The state has come up with another million in costs and resubmitted on April 8th. FEMA has thirty days to respond.

He stated Amec Foster Wheeler and he continue to meet with the Corps of Engineers regarding, how the limited available federal funds could be utilized in the best interest of the Council.

In East St. Louis and Wood River finalization of which projects Amec Foster Wheeler will design and the Corps will have funds to provide oversight on should be completed this week.

In East St. Louis, we are looking at the BP #11, BP #14, or the Cahokia area where the deep cutoff wall is being replaced with relief wells and a collection system as potential Bid Packages where design could be completed in 2016. In Wood River, we are looking at BP #8 or possibly the deep cutoff wall extension that the Corps will have designed by July.

In Prairie Du Pont and Fish Lake, the Corps has identified Authorized Level projects in areas where there weren't any 100-Year Level projects or where only seepage berms were installed. Their re-analysis of these areas should be complete by June 17th. The Corps hopes, with reprogrammed funds, to complete identification of the remaining Authorized Level projects in by the end of the year.

We have received the Integral Determination Reports (IDRs) for East St. Louis and Wood River, and should receive the draft amended Project Partnership Agreements (PPAs) in a couple of

weeks. Once the amended PPAs are finalized, the approval process is estimated to take twelve months. PPA approval is required in order to receive Work In-Kind credit.

The Corps has informed us that bids for the Wood River Shallow Cutoff Wall utilizing the Best Value Tradeoff Approach are due on May 2nd with an award scheduled for June 1st.

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

A motion was made by Mr. Hamm, seconded by Mr. Long, to accept the Program Status Report for April 2016. Mr. Conrad called the roll and the following votes were made on the motion:

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

The motion was approved unanimously.

Budget Update and Approval of Disbursements

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

Mr. Etwert noted that the financial statement for March 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 March 31, 2016, as compared to the fiscal year budget.

Accrued expenditures for the current fiscal year beginning on October 1, 2015 are \$21,618,437 while revenues amounted to \$6,092,971 resulting in a deficit of \$15,525,466. A total of approximately \$25,433,719 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 hasn't increased the least few months due to higher monthly construction project expenditures.

Monthly sales tax receipts for January 2016 (the latest month reported by the Illinois Department of Revenue) were down 1.67% from last year which was our highest January. Receipts this year were \$13,706 lower.

The report included bank transactions for March 2016. Total disbursements for the month were \$5,701,950.45. The largest payments were to the Corps for Engineers for Cost-Share to continue

Design Deficiency Project Activities, TREVIICOS South for BP #7B, Keller Construction for BP #3 and BP #5, Amec Foster Wheeler, and Husch Blackwell.

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

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

A motion was made by Mr. Conrad, seconded by Mr. Brinkman, to accept the budget report and approve the disbursements for March 2016. Mr. Conrad called the roll and the following votes were made on the motion:

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

The motion was approved unanimously.

Design and Construction Update

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

Construction Status

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

- Pipe replacement is pending river and groundwater levels.
- Erosion Repair work in progress.
 - Site 09 complete
 - Site 10 in progress

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

- Contractor to complete punch list items (seeding and straw)
- As-Built and closeout documentation is currently being complied.

Bid Package 3 – Wood River Seepage Improvements

- Lower Wood River Relief well drilling complete.
- Seepage Berm activity continues; good progress
- Weir 3 concrete placement is in progress. Bottom slab complete, walls formed.

Bid Package 4 – MESD Seepage Improvements (Conoco Phillips)

- Clay Cap approximately 80% complete. Husch-Blackwell working to resolve existing utilities issues with clay cap
- Pipe replacement is pending river and groundwater levels.

Bid Package 5 – MESD Seepage Improvements

- MOPAC Gate(s) rehab complete.
- Pipe replacement is pending river and groundwater levels.

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

- Contractor continues seepage berm placement, nearly complete.

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

- Panel installation in progress. 128 of 136 panels are complete.
- Wood River Flank estimated completion by end of April.
- Clay Cap work has resumed.

Construction Photos

Bid Package 3 – Wood River – Seepage Berm 4 In Progress

Bid Package 3 – Wood River – Seepage Berm 4 Nearing Completion

Bid Package 5 – MESD – MOPAC Gates Rehab

Bid Package 6 – Prairie Du Pont – Seepage berm Work Resumes

Bid Package 7B – Wood River – Beginning Work on Wood River Flank

He next discussed the FEMA Certification packages.

FEMA Certification Update

Upper Wood River

- Amec Foster Wheeler has submitted documentation to USACE. Working to address comments regarding O&M plans.
- Corps to submit package to FEMA

Wood River East & West Forks

- Certification efforts are underway

Lower Wood River

- Deep cut-off wall

MESD

- Pending completion of Bid Packages 2B, 4, & 5.
- 10.5' diameter sewer rehabilitation design continues
- Construction Completion 3rd Quarter 2016

Prairie du Pont & Fish Lake

- Pending completion of Bid Packages 2B & 6.
- Construction completion pushed to April/May of 2016
- Submit to FEMA by 3rd Quarter of 2016.

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

Authorized Level (500-Year) Design

Wood River

- Analysis of Council improvements by USACE on going and will modify the approved plan.
- Additional drilling is required before all the Authorized Level improvements can be designed

MESD

- Drilling ongoing

- Corps continues to provide additional boring locations as re-evaluation is completed

PdP/FL

- Currently being reviewed by the USACE against FEMA improvements. (Corps review progressing but completion driven by funding)

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

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

The motion was approved unanimously.

ABNA Engineering, Inc. Work Order No. 3 for Quality Assurance Testing for BP #2B, BP #4, & BP #5 Pipe Material Change

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

He indicated in September 2015, the Board approved change orders for BP #2B, BP #4, and BP #5 pipe material change. The proposed additional work is for the Quality Assurance required for the BP #2B, BP #4 and BP #5 pipe material change order work to be performed by ABNA.

ABNA’s proposals for additional Quality Assurance Testing on the BP #2B, BP #4 and BP #5 pipe material change order work were provided in the agenda materials. ABNA based their proposal on the contractor’s proposed schedule, additions to the scope of work testing and additional effort to support the contractor’s schedule. This is a not-to-exceed proposal.

ABNA’s estimate is:

BP 2B- \$18,000.00
 BP 4 - \$19,892.50
 BP 5 - \$30,451.00
 Sum = \$68,343.50

He stated high river levels have prevented the installation of the concrete pipe to date, however, it is anticipated to begin around May 1st.

AMEC Foster Wheeler has recommended using ABNA Engineering, Inc. for Quality Assurance Testing for the pipe material replacement in Bid Packages #2B, #4, and #5.

Mr. Motil requested a motion authorizing the Chief Supervisor to execute Work Order No. 3 with ABNA Engineering, Inc. for Quality Assurance Testing Services for BP #2B, BP #4, and BP #5 at an additional cost not to exceed \$68,343.50.

Mr. Long made the motion to authorize the Chief Supervisor to execute Work Order No. 3 with ABNA Engineering, Inc. for Quality Assurance Testing Services for BP #2B, BP #4, and BP #5 at an additional cost not to exceed \$68,343.50. Mr. Hamm seconded the motion.

It was clarified that ABNA had performed these services previously and their services were needed now because of the installation of the concrete pipe instead of the plastic pipe.

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

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

The motion was approved.

Change Orders BP #5 and BP #7B

Mr. Motil asked Mr. Etwert to explain this item. Mr. Etwert asked Mr. Randy Cook of Amec Foster Wheeler to explain the following change orders:

Bid Package 05 – Sluice Gate Rehab (MOPAC) Credit (\$17,715.53)

During inspection of the sluice gates at MESD Station 1384+50, commonly referred to as the “MOPAC Gates”, the contractor found that the sluice gates are in good working order and need no rehabilitation or replacement as the construction documents call for. Subsequently, Amec Foster Wheeler and MESD inspected the gates and confirmed the contractor’s assessment. The gates and frames are in good condition; therefore, their removal and replacement would be counterproductive.

During inspection, the gate stems were found to be bent; the contractor will therefore replace only the stems and guides, and install the electric actuators as planned.

The original bid for this line item was \$89,237.00; the removal of the gate and guide rehab scope of work results in a credit of \$17,715.53.

Bid Package 7B – CB Slurry Trench Cutoff Wall (Rock) Quantity Rectification - \$24,000.00

The lower cutoff wall (deep cutoff wall) project required a 2-foot 'key' into the bedrock at the bottom of the rock trench. The square footage of rock quantity was estimated during design based on the subsurface information that had been obtained. During construction, the rock elevation was found to be irregular and therefore required additional rock excavation in some areas in order to maintain a 2 foot key throughout the length of each wall panel. This item was bid at a unit price of \$50 per square foot, and the additional excavation totaled 480 square feet.

Bid Package 7B – Slurry Wall Panel Coring Quantity Rectification - \$126,900.00

The contractor is required to perform Slurry Wall Panel Coring for verification of the cutoff wall conformance with the specifications. The specifications call for the contractor to core 5% of the panels and the cores shall be to the bottom of the panel. The bid tab estimated the quantity of coring based on an estimated number of panels and estimated depth of each panel. At the time bid documents were issued, the plans allowed panel lengths of up to 40 feet along the Mississippi River, and the actual panel length and total number of panels depended on contractor means and methods. The contractor's panel lengths range from approximately 9 to 23 feet, resulting in a greater number of panels, and thereby resulting in a greater number of cores (7 actual vs 5 bid). This item was bid at a unit price of \$470 per linear foot, and the additional coring totaled 270 linear feet.

Mr. Etwert indicated that these were the first two change orders to occur on BP #7B, to which Mr. Cook concurred. They were being brought due to exceeding a line item amounts and not due to the total change orders on a project exceeding ten percent. BP # 7B is a fourteen million dollar project.

It was questioned and confirmed that Amec Foster Wheeler has personnel on sight checking and confirming on all pay quantities

Mr. Motil requested a motion to authorize the Chief Supervisor to approve requested change orders for BP #5 for a credit for Sluice Gate Rehab (MOPAC) in the amount of (\$17,715.53) with Keller Construction; for BP #7B CB Slurry Trench Cutoff Wall (Rock) Quantity Rectification in the amount of \$24,000.00 with TREVIICOS South; and BP #7B Slurry Wall Panel Coring Quantity Rectification in the amount of \$126,900.00, with TREVIICOS South for a total not to exceed \$133,184.47.

A motion was made by Mr. Brinkman, with a second by Mr. Long to authorize the Chief Supervisor to approve requested change orders for BP #5 for a credit for Sluice Gate Rehab (MOPAC) in the amount of (\$17,715.53) with Keller Construction; for BP #7B CB Slurry Trench Cutoff Wall (Rock) Quantity Rectification in the amount of \$24,000.00 with TREVIICOS South; and BP #7B Slurry Wall Panel Coring Quantity Rectification in the amount of \$126,900.00, with TREVIICOS South for a total not to exceed \$133,184.47. Mr. Conrad called the roll and the following votes were made on the motion:

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

The motion was approved.

Corps of Engineers Update

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

Ms. Kelsey first provided an update of what was happening at the Corps.

The Corps anticipates the Mel Price design to initiate upon approval of the Supplemental Report by MVD in June. Relief well construction continues.

Regarding the NFIP Certification in Wood River Upper LSER, the FEMA submittal is pending receipt of O & M manuals and as built drawings. In East St. Louis the Base Condition Risk Assessment (BCRA) is waiting on the design solution for the 10.5 foot sewer.

Next she discussed the following:

East St. Louis Design Deficiency Project

Design of relief well solution complete Sept 2016

Ongoing analysis of system solution

Coordinating with FPD/AMEC on path forward for bid package
P & S completion

Draft PPA WIK amendment in review

Wood River Design Deficiency Project

Design of deep cutoff wall Phase 2 complete July 2016

Ongoing analysis of system solution

Coordinating with FPD/AMEC on path forward for bid package
P & S completion

Draft PPA WIK amendment in review

Lastly, she discussed the Flood Recovery efforts in East St. Louis and Wood River.

In East St. Louis there were three levee slides plus erosion at the North Pump Station. Project Information Report (PIR) approval is imminent with construction anticipated this summer pending availability of funds.

In Wood River there was one levee slide. Project Information Report (PIR) approval is imminent with construction anticipated this summer pending availability of funds.

Mr. Parks arrived during the presentation.

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

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

The motion was approved unanimously.

Public Comment

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

Other Business

There was no other business.

Adjournment

At 7:56 a.m. a motion was made by Mr. Parks, seconded by Mr. Hamm 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 April 20, 2016

Southwestern Illinois Levee Systems

By Jay Martin



Construction Status



- ▶ Bid Package 2B – WR/MESD/PdP Pump Stations
 - ▶ Pipe replacement is pending river and groundwater levels.
 - ▶ Erosion Repair work in progress.
 - Site 09 complete.
 - Site 10 in progress.

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



Construction Status

- ▶ Bid Package 3 – Wood River Seepage Improvements
 - ▶ Lower Wood River Relief well drilling complete.
 - ▶ Seepage Berm activity continues; good progress.
 - ▶ Weir 3 concrete placement is in progress. Bottom slab complete, walls formed.



Construction Status

- ▶ Bid Package 4 – MESD Seepage Improvements (Conoco Phillips)
 - ▶ Clay Cap approximately 80% complete. Husch-Blackwell working to resolve existing utilities issues with the clay cap.
 - ▶ Pipe replacement is pending river and groundwater levels.

- ▶ Bid Package 5 – MESD Seepage Improvements
 - ▶ MOPAC Gate(s) rehab complete.
 - ▶ Pipe replacement is pending river and groundwater levels.

Construction Status

- ▶ Bid Package 6 – Prairie du Pont / Fish Lake Seepage Improvements
 - ▶ Contractor continues seepage berm placement, nearly complete.

- ▶ Bid Package 7B – Wood River Lower (Deep) Cut-off Wall
 - ▶ Panel installation in progress. 128 of 136 panels are complete.
 - ▶ Wood River Flank estimated completion by end of April.
 - ▶ Clay Cap work has resumed.

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Bid Package 3 – Wood River



Bid Package 3 – Wood River



Seepage
Berm 4 Nearing
Completion

04/08/2016 12:06

Bid Package 5 – MESD – MOPAC Gates Rehab



03/26/2016 13:57



03/26/2016 13:57

Bid Package 6 – Prairie Du Pont



Seepage Berm
Work Resumes



Bid Package 7B – Wood River



Beginning Work
on Wood River
Flank





FEMA Certification Update

- ▶ Upper Wood River
 - ▶ Amec Foster Wheeler has submitted documentation to USACE. Working to address comments regrading O&M plans.
 - ▶ Corps to submit to package to FEMA.

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

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

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FEMA Certification Update

- ▶ MESD
 - ▶ Pending completion of Bid Packages 2B, 4, & 5
 - ▶ 10.5' diameter sewer rehabilitation design continues
 - ▶ Construction Completion 3rd Quarter 2016

- ▶ Prairie du Pont & Fish Lake
 - ▶ Pending completion of Bid Packages 2B & 6
 - ▶ Construction completion pushed to April/May of 2016
 - ▶ Submit to FEMA by 3rd Quarter of 2016

12

Authorized Level (500-Year) Design

Wood River

- Analysis of Council improvements by USACE ongoing and could modify the approved plan.
- Additional drilling is required before all of the Authorized Level improvements can be designed.

MESD

- Drilling ongoing
- Corps continues to provide additional boring locations as re-evaluation is completed.

PdP/FL

- Currently being reviewed by the USACE against FEMA improvements. (Corps review progressing but completion driven by funding)

Questions?

USACE UPDATE

- Mel Price
 - Report - Submitted to MVD April 8, 2016. On schedule for June 2016 approval.
 - Design to initiate upon report approval
 - Relief Well Construction contract continues

- NFIP Certification
 - Wood River Upper LSER - FEMA submittal pending receipt of O&M manuals and as built drawings
 - East St. Louis BCRA - Waiting on design solution for 10.5' sewer



BUILDING STRONG®

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

- Wood River Design Deficiency Project
 - Design of deep cutoff wall Phase 2 complete July 2016
 - Ongoing analysis of system solution
 - Coordinating with FPD/AMEC on path forward for bid package P&S completion
 - Draft PPA WIK amendment in review



BUILDING STRONG®

Metro East Projects, IL

■ Flood Recovery

- East St. Louis

- Flood Damages

- * 3 levee slides plus erosion at North PS
- * PIR approval is imminent
- * Construction anticipated this summer pending funds availability

- Wood River

- Flood Damages

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



BUILDING STRONG®



Memo to: Board of Directors
From: Chuck Etwert
Subject: Program Status Report for May 2016
Date: May 16, 2016

Approximately 78% of the \$72.8 million of construction, involved in all nine current construction bid packages, has been completed thru April. The amount of work completed during the month was just over \$1.7 million. The total amount of construction completed is \$56.8 million.

To date, we haven't been informed of any response to the state's resubmittal to FEMA regarding the December flooding.

The Mississippi River stage hasn't receded enough to allow for the installation of the reinforced concrete pipe which the Council approved last fall. It is hoped, that the required low ground water elevations will be occur in early June.

Amec Foster Wheeler and I continue to meet with the Corps of Engineers regarding, how the limited available federal funds could be utilized in the best interest of the Council. At this time it appears that there will be a Bid Package #8 in Wood River and a Bid Package #14 in East St. Louis. Final scoping of each of the packages continues to be determined.

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

We expect to receive the draft amended Project Partnership Agreements (PPAs) for East St. Louis and Wood River very soon. Once the amended PPAs are finalized, the Corps approval process is estimated to take up to twelve months. Work In-Kind credit can be accumulated but cannot be utilized until the amended PPAs have been approved.

Bids for the Wood River Shallow Cutoff Wall utilizing the Best Value Tradeoff Approach were due on May 2nd with an award scheduled for June 1st. The Corps has informed us that they are unable to discuss any details with us at this time. The award is now scheduled to be some time before June 30th.

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



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

Monthly Project Progress Report May 2016

AMEC FOSTER WHEELER Project No. 563170001
Period Ending Date: May 6, 2016

Date of Issue: May 13, 2016

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

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

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

1.2 Amec Foster Wheeler Scope

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

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

1.3 Key Contacts / People

Program Manager	Jay Martin, PE, 615.333.0630 jay.w.martin@amecfw.com
Project Manager	Jon Omvig, AICP, 636.200.5118 jon.omvig@amecfw.com
Resident Engineer	Jim Solari, PE, 314.478-9287 james.solari@amecfw.com
Construction QA Manager	Kevin Williams, PMP, 618.401.7226 kevin.williams@amecfw.com
Project Coordinator	Kendra Mitchom, 618.346.9120 kendra.mitchom@amecfw.com

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

2.1 HSSE Reports

Health/Safety		
The Contractors continues to conduct weekly toolbox safety talks.		
Security		
No issues during this reporting period.		
Environment (SWPPP)		
Forms submitted as required		
River Stage Restrictions		
The USACE 408 permit dictates that excavations shall cease when the Mississippi River Stage is:		
Bid Package	River Stage	River Elevation
2A	17.0	396.94
2B	27.06	407.00
2C	15.03	394.97 (Mel Price)
3	16.0	411.48 (Mel Price)
4	25.0	404.94
5	25.0	404.94
6	25.0	404.94
7A	21.52	417.0 (Mel Price)
7B	21.52	417.0 (Mel Price)

3. PROJECT STATUS UPDATE

3.1 Bid Package 2A

3.1.1 Calendar

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

3.1.2 Progress

- Complete

3.1.3 Property Acquisition

- Complete

3.1.4 Levee Board Considerations

- None

3.1.5 Submittals

- Complete

3.1.6 Change Orders

- Complete

3.1.7 Field Activities and Look Ahead

- Complete

3.1.8 QC/QA Activities

- Complete

3.1.9 Considerations

- None

3.1.10 Payment Progress

- Complete

3.2 Bid Package 2B

3.2.1 Calendar

Bid Date:	October 1, 2013
Contract executed	December 16, 2013
Schedule received	December 17, 2013
Anticipated start of field activities	February 17, 2014
Start of field activities	March 2016
Anticipated completion date	September 30, 2016 (Contract completion date)
Final Walk Through	
Final Acceptance	

3.2.2 Progress - Piping Change Order

- The high groundwater levels and the Mississippi River elevation have prevented work this month.

3.2.3 Property Acquisition

- All property is acquired

3.2.4 Levee Board Considerations

- None

3.2.5 Submittals

- Complete

3.2.6 Change Orders

- See attached log

3.2.7 Field Activities and Look Ahead

- See above

3.2.8 QC/QA Activities

- None

3.2.9 Considerations

- None

3.2.10 Payment Progress

- See Contract Invoice Log attached

3.3 Bid Package 2C

3.3.1 Calendar

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

3.3.2 Progress

- Contractor working on punch list items (silt fence, seed and straw)

3.3.3 Property Acquisition

- All property is acquired.

3.3.4 Levee Board Considerations

- None

3.3.5 Submittals

- Closeout submittals are pending.

3.3.6 Change Orders

- See attached log and Memo to the Board
- Potential change orders:
 - Clay material quantity adjustment: Review of this Change Order is in progress and will be completed once the Contractor submits the required information.
 - Flood Damage Repairs: The initial estimate was reviewed and is submitted for approval.

3.3.7 Field Activities and Look Ahead

- No field activity.

3.3.8 QC/QA Activities

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

3.3.9 Payment Progress

- See attached log.

3.4 Bid Package 3

3.4.1 Calendar

Bid Date:	December 3, 2013
Contract executed	January 27, 2014
Schedule received	December 3, 2013
Anticipated start of field activities	As noted below.
Start of field activities	Varied
Anticipated completion date	Upper Wood River is substantially complete. Lower Wood River - September 30, 2016.
Final Walk Through	
Final Acceptance	

3.4.2 Progress

- Contractor completed Weir 3 installation.
- Contractor completed seepage berm 1 thru 4 installation. (minimum work on Seepage Berm 1 remaining).
- Contractor completed the Old St. Louis Rd. collector system in Hartford.

3.4.3 Property Acquisition

- All property is obtained.

3.4.4 Levee Board Considerations

- None other than previously mentioned.

3.4.5 Submittals

- As required.

3.4.6 Change Orders

- See change order log attached.

3.4.7 Field Activities and Look Ahead

- See above Progress

3.4.8 QC/QA Activities

- Testing as required.

3.4.9 Considerations

- None other than previously mentioned.

3.4.10 Payment Progress

- See attached Contract invoice log

3.5 Bid Package 4

3.5.1 Calendar

Bid Date:	December 3, 2013
Contract executed	February 6, 2014
Schedule received	December 3, 2013
Anticipated start of field activities	February 24, 2014
Start of field activities	March 17, 2014
Anticipated completion date	September 30, 2016 (Contract completion date)
Final Walk Through	
Final Acceptance	

3.5.2 Progress

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

3.5.3 Property Acquisition

- All property acquired.

3.5.4 Levee Board Considerations

- None

3.5.5 Submittals

- On-going

3.5.6 Change Orders

- See Change Order Log attached.

3.5.7 Field Activities and Look Ahead

- No work this month

3.5.8 QC/QA Activities

- None

3.5.9 Considerations

- None

3.5.10 Payment Progress

- See Contract Invoice Log attached.

3.6 Bid Package 5

3.6.1 Calendar

Bid Date:	December 3, 2013
Contract executed	January 27, 2014
Schedule received	December 3, 2013
Anticipated start of field activities	February 17, 2014
Start of field activities	February 17, 2014
Anticipated completion date	September 30, 2016 (Contract completion date)
Final Walk Through	
Final Acceptance	

3.6.2 Progress

- This month, the Mississippi River elevation has prohibited starting construction associated with the pipe material change order.

3.6.3 Property Acquisition

- All property is acquired

3.6.4 Levee Board Considerations

- None.

3.6.5 Submittals

- Complete

3.6.6 Change Orders

- See change order log attached.

3.6.7 Considerations

- None other than previously mentioned.

3.6.8 Payment Progress

- See Contract Invoice Log attached.

3.7 Bid Package 6

3.7.1 Calendar

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

3.7.2 Progress

- Contractor continues seepage berm and top soil placement as river and weather conditions allow.

3.7.3 Property Acquisition

- None

3.7.4 Levee Board Considerations

- None.

3.7.5 Submittals

- On going

3.7.6 Change Orders

- See change order log attached.

3.7.7 Field Activities and Look Ahead

- Contractor continues seepage berm and top soil placement as river and weather conditions allow.

3.7.8 QC/QA Activities

- As required

3.7.9 Considerations

- None

3.7.10 Payment Progress

- See Contract Invoice Log attached.

3.8 Bid Package 7A

3.8.1 Calendar

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

3.8.2 Progress

- This project is complete.

3.8.3 Property Acquisition

- Not applicable.

3.8.4 Levee Board Considerations

- None.

3.8.5 Submittals

- Complete

3.8.6 Change Orders

- See change order log attached.

3.8.7 Field Activities

- This project is complete.

3.8.8 QC/QA Activities

- None.

3.8.9 Considerations

- None.

3.8.10 Payment Progress

- See Contract Invoice Log attached.

3.9 Bid Package 7B

3.9.1 Calendar

Bid Date:	August 13, 2014
Contract executed	September 12, 2014
Schedule received	June 19, 2015
Anticipated start of field activities	August 2015
Start of field activities	July 2015
Anticipated completion date	August 2016
Final Walk Through	
Final Acceptance	

3.9.2 Progress

- Clay Cap installation 25% complete.
- Panel Installation is complete.

3.9.3 Property Acquisition

- Not applicable

3.9.4 Levee Board Considerations

- None

3.9.5 Submittals

- On-going.

3.9.6 Change Orders

- See change order log attached.

3.9.7 Field Activities and Look Ahead

- Panels along the Wood River Creek are complete.
- Relief Well construction began this month

3.9.8 QC/QA Activities

- Geotechnology as required.

3.9.9 Considerations

- None.

3.9.10 Payment Progress

- See Contract Invoice Log attached.

CONTRACT INVOICE LOG

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

Project: SWILCD
Construction Package: BP2A

Original Contract Amount: \$747,500.00
Change Order #1: \$2,245.00 Limitorque Actuator
Change Order #2: \$7,730.00 Additional Road Aggregate
Change Order #3: \$434.00 Monroe County Building Permit
Change Order #4: \$0.00 Contract Time Extension
Change Order #5: \$0.00 Contract Time Extension 2
Change Order #6: \$0.00 Contract Time Extension 3
Change Order #7: \$5,189.21 Additional Rock and Testing
Change Order #8: \$34,501.32 Stumpf Property Pipe Extension
Total Change Order Amount: \$50,099.53
Total Revised Contract Amount: \$797,599.53

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	Current Payment Invoice	Date Paid by FPD	Estimate to Complete Including Retainage (\$)
<u>1</u>	11/15/2013	11/27/2013	\$11,000.00	\$1,100.00	\$9,900.00	\$9,900.00	11/1/2013	\$737,600.00
<u>2</u>	2/5/2014	2/10/2014	\$76,000.00	\$7,600.00	\$68,400.00	\$58,500.00	2/18/2014	\$679,100.00
<u>3</u>	3/6/2014	3/13/2014	\$228,500.00	\$22,850.00	\$205,650.00	\$137,250.00	3/25/2014	\$541,850.00
<u>4</u>	3/31/2014	4/15/2014	\$372,400.00	\$37,240.00	\$335,160.00	\$129,510.00	4/22/2014	\$420,504.00
<u>5</u>	4/30/2014	5/13/2014	\$432,500.00	\$43,250.00	\$389,250.00	\$54,090.00	5/22/2014	\$366,414.00
<u>6</u>	5/31/2014	6/10/2014	\$635,890.00	\$50,742.00	\$585,148.00	\$195,898.00	6/19/2014	\$170,516.00
<u>7</u>	6/30/2014	7/14/2014	\$684,000.00	\$53,147.00	\$630,853.00	\$45,705.00	7/17/2014	\$124,811.00
<u>8</u>	7/31/2014	8/12/2014	\$753,929.00	\$37,895.45	\$716,033.55	\$85,180.55	8/19/2014	\$39,630.45
<u>9</u>	8/31/2014	9/9/2014	\$759,118.21	\$37,895.45	\$721,222.76	\$5,189.21	9/15/2014	\$41,875.45
<u>10</u>	11/30/2014	12/12/2014	\$797,599.53	\$38,094.45	\$759,505.08	\$38,282.32	12/18/2014	\$38,094.45
<u>11</u>	12/31/2014	1/15/2015	\$797,599.53	\$1,800.00	\$795,799.53	\$36,294.45	1/26/2015	\$1,800.00
<u>12</u>	3/31/2015	4/10/2015	\$797,599.53	\$0.00	\$797,599.53	\$1,800.00	4/16/2015	\$0.00

CONTRACT INVOICE LOG

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

Project: SWILCD
Construction Package: BP2B

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

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

TITLE: CONSTRUCTION CHANGE ORDER LOG

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

PROJECT NUMBER: SIFPDC-BP2B

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

Approved

*Board approval required

TITLE: CONSTRUCTION CHANGE ORDER LOG

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

PROJECT NUMBER: SIFPDC-BP2C

Change Request Number	Description	Change Type (Field, Design, Spec, Other)	Cost to FPD	Cost to Others	As Bid Line Item #	Original Cost of Associated Line Item	% of Original Line Item	% of Original Contract	Date	Status	Comments
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
Total of Project Change Orders			\$0.00	\$0.00						Total	\$ -
Original Contract Amount			281,632.00	% Change from Original Amount							
\$281,632.00			281,632.00	0.00%							

Approved

*Board approval required

CONTRACT INVOICE LOG

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

Project: SWILCD
Construction Package: BP03

Original Contract Amount:	\$ 10,082,345.00	
Change Order 1	\$ 1,000.00	IDOT Permit
Change Order 2	\$ 16,600.00	PZ 39 Relocate
Change Order 3	\$ 11,361.00	Russell Commons Fence R&R
Change Order 4	\$ 2,245.60	Hydro Excavating
Change Order 5	\$ 3,071.25	Additional RW Permits
Change Order 6	\$ 278,694.99	RR3 for Blanket Drains
Change Order 7	\$ 57,436.00	Indian Creek Extra Rip Rap
Change Order 8	\$ (5,820.00)	Credit to Remove Vacuum Testing of Manholes
Change Order 9	\$ 558,086.80	Hawthorne Changes North & South including Ameren
Change Order 10	\$ 477,917.72	Blanket Drain 2 Revisions
Change Order 11	\$ (59.97)	Credit for Blanket Drain 1 Revisions
Change Order 12	\$ 60,362.00	Toe Wall and Handrails Wiers 2, 3, and 4
Change Order 13	\$ 6,825.00	Additional Pollution Coverage UPRR
Change Order 14	\$ 28,950.00	Pilot Hole Drilling
Change Order 15	\$ (9,729.58)	Hawthorne Pipe Changes
Change Order 16	\$ 132,710.00	Russell Commons Buried Waste Part A & B
Change Order 17	\$ 257,694.47	Relief Well Construction Obstructions
Change Order 18	\$ 17,403.75	Tree Mitigation
Change Order 19	\$ 15,620.78	Relief Well 1016 1064 1065 Modifications
Change Order 20	\$ 111,256.88	Relief Well Construction Obstructions
Change Order 21	\$ 108,620.79	Relief Well Construction Obstructions
Change Order 22	\$ 40,618.82	Russell Commons Buried Waste Part A Deduct & Part C
Change Order 23	\$ (35,779.00)	Credit for Delete PZs ,Add Bollards
Change Order 24	\$ 103,824.76	Relief Well Construction Obstructions RW 1069-1073
Change Order 25	\$ 113,188.00	Weir 4 Handrail; Wagon Wheel Bore Shoring, Excavation, and Removal of Abandoned Line; 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
Total Change Order Amount:	\$2,835,707.99	
Total Revised Contract Amount:	\$12,918,052.99	

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
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		\$2,294,004.44

TITLE: CONSTRUCTION CHANGE ORDER LOG

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

PROJECT NUMBER: SIFPDC-BP03

Change Request Number	Description	Change Type (Field, Design, Spec, Other)	Cost to FPD	Cost to Others	As Bid Line Item #	Original Cost of Associated Line Item	% of Original Line Item	% of Original Contract	Date	Status	Comments
1	IDOT Permit	Other	\$1,000.00	\$0.00	3.01	\$ 498,000.00	0.20%	0.01%	5/21/2014	Approved	IDOT Required Permit
2	Piezometer 39 Relocate	Field	\$16,600.00	\$0.00	3.30	\$ 307,224.00	5.40%	0.16%	9/18/2014	Approved	Post bid design change to enable more effective operability
3	Russell Commons Fence Remove and Replace	Field	\$11,361.00	\$0.00	NA	NA	NA	0.11%	10/2/2014	Approved	Remove and replace fence installed by property owner post bid
4	Additional Hydro Excavating	Field	\$2,245.60	\$0.00	3.39	\$ 1,884,009.24	0.12%	0.02%	10/8/2014	Approved	Due to the relocation of RW's 1077 to 1080; added costs for hydro excavation
5	Permits for relief well conversions due to change with IL Public Health Dept	Other	\$3,071.25	\$0.00	3.37	\$ 82,812.00	3.71%	0.03%	10/22/2014	Approved	Permits for relief well conversions due to change with IL Public Health Dept
6*	RR3 Material for Blanket Drains-pending verifying material	Field	\$278,694.99	\$0.00	3.08-3.14	\$ 2,034,478.00	13.70%	2.76%	11/19/2014	Approved	Blanket Drains material change from CA1 to RR3 to improve effectiveness; Change requires Board approval
7*	Indian Creek Rip Rap	Field	\$57,436.00	\$0.00	3.40	\$ 193,713.36	29.65%	0.57%	11/19/2014	Approved	Due to the extreme scour of the banks and creek bed since the time of the original design, in order for the per plan design to be constructed, it is going to require a substantial amount of additional rip rap RR4 to be placed. Board approval required
8	Credit-Remove Vacuum Testing of Manholes	Other	\$ (5,820.00)	\$0.00	3.29	\$ 37,896.00	-15.36%	-0.06%	2/2/2015	Approved	PCN approved to remove the requirements for ASTM C1244 Standard Test Method for Concrete Sewer
9*	Hawthorne Changes North & South including Ameren	Other	\$558,086.80	\$0.00	3.02 3.04 3.06 3.07 3.29 3.32	\$ 1,884,009.24	29.62%	5.54%	2/18/2015	Approved	Change Description submitted in change order memo for Board approval 2/18/15
10*	Blanket Drain 2 Revisions & RW 1077 to 1080 Changes	Other	\$477,917.72	\$0.00	3.02 3.09 3.09 3.16 3.23 3.25 3.26 3.29 3.36 3.37			4.74%	2/18/2015	Approved	Change Description submitted in change order memo for Board approval 2/18/15; change order pending credit before processing
11	Blanket Drain 1 Revisions	Other	\$ (59.97)	\$0.00	3.08	\$ 15,160.00	-0.40%	0.00%	2/26/2015	Approved	Revised limits of Blanket Drain 1 and change surface aggregate material
12*	Toe Wall and Handrails Wiers 2, 3, and 4	Field	\$ 60,362.00	\$0.00	3.48 3.49 3.50	\$ 381,000.00	15.84%	0.60%	4/15/2015	Approved	Toe wall for additional structural support due to the field conditions and soil types the weirs are being installed in. The toe walls were added to mitigate this potential failure. Handrails were added to the weirs as a result of OSHA regulations and for added maintenance personnel safety during inspections and flood events.
13*	Additional Pollution Coverage UPRR	Other	\$ 6,825.00	\$0.00	3.01	\$ 498,000.00	1.37%	0.07%	8/19/2015	Approved	Additional Pollution Coverage required by Union Pacific Railroad
14*	Pilot Hole Drilling	Other	\$ 28,950.00	\$0.00	3.32	\$ 147,604.20	19.61%	0.29%	8/19/2015	Approved	Actual field conditions may vary and it is recommended by the project geotechnical lead to add to this number for potential field variations. Therefore the anticipated pilot hole increase is for an additional 300 feet. Board approval required
15*	Hawthorne Pipe Changes	Field	\$ (9,729.58)	\$0.00	3.18 3.20 3.23 3.25 3.26	\$ 414,895.57	-2.35%	-0.10%	9/16/2015	Approved	Hawthorne Pipe Changes; Board approval required
16*	Russell Commons Buried Waste Part A & B	Field	\$ 132,710.00	\$0.00	NA	NA	NA	1.32%	9/16/2015	Approved	Russell Commons Buried Waste backfill, testing, material handling; Board approval required

TITLE: CONSTRUCTION CHANGE ORDER LOG

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

PROJECT NUMBER: SIFPDC-BP03

Change Request Number	Description	Change Type (Field, Design, Spec, Other)	Cost to FPD	Cost to Others	As Bid Line Item #	Original Cost of Associated Line Item	% of Original Line Item	% of Original Contract	Date	Status	Comments
17*	Relief Well Construction Obstruction	Other	\$257,694.47	\$0.00	3.38	\$ 3,507,071.90	7.35%	2.56%	10/9/2015	Approved	RW Construction Obstruction due to Cobble Layer; Board approval required; 3/18/15 Board approved budget
18*	Tree Mitigation	Other	\$17,403.75	\$0.00	NA	NA	NA	0.17%	10/22/2015	Approved	Tree Replacement Plan for Trees Removed Within the IDOT ROW
19*	Relief Well 1016, 1064, 1065 Modifications	Field	\$15,620.78	\$0.00	3.38	\$ 3,507,071.90	0.45%	0.15%	10/22/2015	Approved	Relief Well 1016, 1064, 1065 Modifications
20*	Relief Well Construction Obstruction	Other	\$111,256.88	\$0.00	3.38	\$ 3,507,071.90	3.17%	1.10%	10/27/2015	Approved	RW Construction Obstruction due to Cobble Layer; Board approval required; 3/18/15 Board approved budget
21*	Relief Well Construction Obstruction	Other	\$108,620.79	\$0.00	3.38	\$ 3,507,073.90	3.10%	1.08%	11/13/2015	Approved	RW Construction Obstruction due to Cobble Layer; Board approval required; 3/18/15 Board approved budget
22*	Russell Commons Buried Waste Part A Deduct & Part C	Field	\$40,618.82	\$0.00	NA	NA	NA	0.40%	11/19/2015	Approved	Russell Commons Buried Waste removal (part of ROM estimate given at the 9/16/15 Board meeting)
23	Delete Duplicate PZ's Per PCN-044 (Credit)	Field	\$ (35,779.00)	\$0.00	3.30	\$ 506,016.00	-7.07%	-0.35%	12/16/2015	Approved	Credit for deletion of duplicate piezometers
24	Relief Well Construction Obstruction RW 1069-1073	Other	\$ 103,824.76	\$0.00	3.38	\$ 3,507,073.90	2.96%	1.03%	3/4/2016	Approved	RW Construction Obstruction due to Cobble Layer; Board approval required; 1/20/16 Board approved budget
25*	Weir 4 Handrail; Wagon Wheel Bore Shoring, Excavation, and Removal of Abandoned Line; Hawthorne impacted material near Weir 3	Field	\$ 113,188.00	\$0.00	NA	NA	NA	1.12%	3/16/2016	Approved	Weir 4 Handrail; Wagon Wheel Bore Shoring, Excavation, and Removal of Abandoned Line; Hawthorne impacted material near Weir 3
26*	Farm Ditch Revision and Random Fill 1	Field	\$ (135,402.86)	\$0.00	3.33	\$ 433,434.89	-31.24%	-1.34%	3/16/2016	Approved	Farm Ditch Revision and Random Fill 1
27*	Blanket Drain 4 revisions	Other	\$ 493,474.58	\$0.00	3.44	\$ 350,747.77	140.69%	4.89%	3/16/2016	Approved	Blanket Drain 4 revisions
28	Relief Well Construction Obstruction RW 1069-1073	Field	\$ 125,536.21	\$0.00	3.38	\$ 3,507,073.90	3.58%	1.25%	3/31/2016	Approved	RW Construction Obstruction due to Cobble Layer; Board approval required; 1/20/16 Board approved budget
Total of Project Change Orders			\$2,835,707.99	\$0.00						Total	\$ 2,835,707.99

Original Contract Amount \$10,082,345.00

Revised Contract Amount 12,918,052.99

% Change from Original Amount 28.13%

*Board approval required

TITLE: CONSTRUCTION CHANGE ORDER LOG

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

PROJECT NUMBER: SIFPDC-BF04

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
Total											\$ 3,183,105.21

Total of Project Change Orders \$3,172,506.51

Original Contract Amount **\$3,190,232.45**
 Revised Contract Amount **6,373,337.66**
 % Change from Original Amount **99.78%**

*Board approval required

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 appro
16	PZ 875L Alignment Test and Repair	Field	\$3,622.38	\$0.00	NA	NA	NA	0.04%	7/7/2015	Approved	Alignment test and repairs
17	HDPE to RCP Pipe Change-Early Draw	Other	\$90,000.00	\$0.00	NA	NA	NA	1.09%	10/16/2015	Approved	HDPE to RCP Pipe Change; Early draw to order materials
18*	Pipe Material Change	Other	\$5,158,639.93	\$0.00	NA	NA	NA	62.48%	12/16/2015	Approved	HDPE to RCP Pipe Change
19*	Flood Event Emergency Pumping at Pump Stations Site 5 & 10	Other	\$310,153.93	\$0.00	NA	NA	NA	3.76%	1/20/2016	Approved	Flood Event Emergency Pumping at Pump Stations Site 5 & 10
20*	RW Rehab Clean & Test; PZ 875 L	Other	\$23,178.10	\$0.00	5.22 5.23 NA	\$ 181,620.00	0.28%	0.16%	3/18/2016	Approved	RW Rehab Clean & Test; PZ 875 L
21	Credit change Mopac Sluice Gate	Other	-\$17,715.53	\$0.00	5.30 5.32	\$ 157,587.00	-11.24%	-0.21%	3/31/2016		Credit change Mopac Sluice Gate

Total of Project Change Orders \$6,027,863.51 \$19,698.78

Original Contract Amount Revised Contract Amount

\$8,256,481.84 14,304,044.13

% Change from Original Amount

73.25%

\$6,047,562.29

*Board approval required

CONTRACT INVOICE LOG

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

Project: SWILCD 56317001.008.0017
Construction Package: BP06
Original Contract Amount: \$12,857,127.75
Change Order #1: \$0.00 Spiral Wound Slip Lining
Change Order #2: \$1,870.00 Bronze Survey Markers
Change Order #3: \$132,809.60 Red Flint Filter Pack Material
Change Order #4: \$12,040.40 Air Testing of HDPE Storm Sewer Pipe 12" 18" and 24"
Change Order #5: \$29,566.29 SaniTite pipe upgrade and air testing on 30"-42" pipe
Change Order #6: \$26,950.00 Vacuum testing manholes
Change Order #7: \$205,863.75 Additional Pilot Hole Drilling & Additional Pilot Hole Sampling
Change Order #8: \$4,210.00 Raise to Grade Piezometer
Change Order #9: \$9,504.00 Modify Piezometer
Change Order #10: \$18,339.63 12" Surface Aggregate
Change Order #11: \$1,282,932.15 Relief Well Quantity Changes
Change Order #12: \$37,935.66 Various Changes for Board Approval
Change Order #13: \$43,664.49 Various Changes for Board Approval
Change Order #14: \$177,854.69 Relief Well Construction Obstruction
Change Order #15: \$0.00 Contract Time Extension to September 30, 2015
Change Order #16: \$10,004.04 Concrete Headwall and Flap Gate at RW-200X; HDPE pipe 12 inch added to P-200X; HDPE pipe 12 inch added to 70-C; Manhole – 48 inch deleted JN-70 C; HDPE pipe 12 inch
Change Order #17: (\$10,106.25) Credit-Remove Vacuum Testing of Manholes
Change Order #18: \$63,230.97 60 Slot Relief Well Redesign
Change Order #19: \$20,923.32 Relief Well Construction Obstruction
Change Order #20: \$17,910.08 Abandon Existing PZ P37 12" Agg Surface Abandon Existing PZ 239L and install new PZ
Change Order #21: \$4,562.64 Relief Well Construction Obstruction
Change Order #22: \$83,071.89 RCP at Pulcher's Driveway and Increase in Relief Well Quantities
Change Order #23: \$38,213.76 Emergency T&M Work - Flood Event June 2015; Modifications to PDP/FL Piezometers 204L, 537L, and 679L
Change Order #24: \$14,496.25 Collection Pipe P 145X
Change Order #25: \$0.00 Contract Time Extension to December 31, 2015
Change Order #26: \$3,770.53 Right of Way Monuments Resetting @ stations 338+00 and 533+00
Change Order #27: \$0.00 Contract Time Extension
Change Order #28: \$123,507.94 Pipeline Repair
Total Change Order Amount: **\$2,353,125.83**
Total Revised Contract Amount: **\$15,210,253.58**

Payment Request No.	Pay Request Date	Pay Request Recommended Approval Date	Total Completed to Date (\$)	Amount Retained (10% to 50%) then (5% to 95%)	Total Earned Less Retainage	Amount Invoiced (\$)	Date Paid by FPD	Estimate to Complete Including Retainage (\$)
1	12/1/2013	12/9/2013	\$85,500.00	\$8,550.00	\$76,950.00	\$76,950.00	12/20/2013	\$12,780,177.75
2	1/1/2014	2/10/2014	\$302,624.00	\$30,262.40	\$272,361.60	\$195,411.60	2/20/2014	\$12,584,766.15
3	2/3/2014	2/10/2014	\$1,082,723.00	\$108,272.30	\$974,450.70	\$702,089.10	2/20/2014	\$11,882,677.05
4	3/1/2014	3/14/2014	\$1,486,548.00	\$148,654.80	\$1,337,893.20	\$363,442.50	3/25/2014	\$11,519,234.55
5	4/1/2014	4/16/2014	\$2,819,792.90	\$281,979.29	\$2,537,813.61	\$1,199,920.41	4/22/2014	\$10,321,184.14
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

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 (\$)
7	6/1/2014	6/10/2014	\$4,741,611.90	\$474,161.19	\$4,267,450.71	\$746,561.70	6/19/2014	\$8,591,547.04
8	7/1/2014	7/14/2014	\$5,406,637.90	\$540,663.79	\$4,865,974.11	\$598,523.40	7/17/2014	\$8,125,833.24
9	8/1/2014	8/8/2014	\$5,785,001.65	\$578,500.17	\$5,206,501.49	\$340,527.38	8/19/2014	\$8,073,440.31
10	9/3/2014	9/5/2014	\$6,053,869.33	\$605,386.93	\$5,448,482.40	\$241,980.91	9/15/2014	\$7,849,799.02
11	10/1/2014	10/3/2014	\$6,752,179.87	\$675,217.99	\$6,076,961.88	\$628,479.49	10/16/2014	\$8,504,251.69
12	11/1/2014	11/10/2014	\$7,466,202.56	\$746,620.26	\$6,719,582.30	\$642,620.41	11/18/2014	\$7,899,566.94
13	12/1/2014	12/8/2014	\$8,071,969.19	\$807,196.92	\$7,264,772.27	\$545,189.97	12/18/2014	\$7,398,041.46
14	1/1/2015	1/13/2015	\$9,086,036.15	\$454,301.81	\$8,631,734.33	\$1,366,962.07	1/26/2015	\$6,031,079.39
15	2/1/2015	2/6/2015	\$10,631,046.43	\$531,552.32	\$10,099,494.11	\$1,467,759.77	2/18/2015	\$4,741,174.30
16	3/1/2015	3/9/2015	\$11,159,175.28	\$557,958.76	\$10,601,216.51	\$501,722.40	3/19/2015	\$4,249,455.94
17	4/1/2015	4/10/2015	\$12,128,575.99	\$606,428.80	\$11,522,147.19	\$920,930.68	4/16/2015	\$3,381,649.98
18	5/1/2015	5/8/2015	\$13,089,041.43	\$654,452.07	\$12,434,589.36	\$912,442.17	5/18/2015	\$2,490,131.13
19	6/1/2015	6/5/2015	\$13,723,208.55	\$686,160.43	\$13,037,048.13	\$602,458.77	6/16/2015	\$1,910,145.08
20	7/1/2015	7/6/2015	\$14,005,443.45	\$700,272.17	\$13,305,171.28	\$268,123.15	7/14/2015	\$1,725,093.82
21	8/1/2015	8/7/2015	\$14,045,434.28	\$702,271.71	\$13,343,162.57	\$37,991.28	8/20/2015	\$1,725,316.29
22	9/1/2015	9/11/2015	\$14,070,459.28	\$703,522.96	\$13,366,936.32	\$23,773.75	9/16/2015	\$1,716,038.79
23	10/1/2015	10/9/2015	\$14,194,301.91	\$654,204.74	\$13,540,097.17	\$173,158.86	10/21/2015	\$1,542,877.94
24	11/1/2015	11/13/2015	\$14,466,220.84	\$667,802.68	\$13,798,418.16	\$258,322.99	11/17/2015	\$1,284,556.95
25	12/1/2015	12/8/2015	\$14,586,512.09	\$673,817.24	\$13,912,694.85	\$114,276.68	12/17/2015	\$1,170,280.26
26	1/1/2016	1/8/2016	\$14,671,739.09	\$678,078.59	\$13,993,660.50	\$80,965.65	1/20/2016	\$1,093,085.14
27	2/1/2016	2/5/2016	\$14,690,989.09	\$679,041.09	\$14,011,948.00	\$18,287.50	2/17/2016	\$1,074,797.64
28	3/31/2016	4/14/2016	\$14,734,532.27	\$420,767.79	\$14,313,764.48	\$301,816.49	4/20/2016	\$772,981.15
29	4/30/2016	5/12/2016	\$14,890,787.97	\$429,290.09	\$14,461,497.88	\$147,733.40		\$748,755.70

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.)
Total										\$	2,353,125.83
			Total of Project Change Orders	\$2,353,125.83	\$0.00						
			Original Contract Amount	\$12,857,127.75	18.30%	% Change from Original Amount					
			Revised Contract Amount	\$15,210,253.58							

*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: TREVICOS 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
Total Change Order Amount: \$267,495.64
Total Revised Contract Amount: \$14,258,495.64

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	4/1/1931	5/12/2016	\$12,233,884.46	\$960,241.68	\$11,273,642.78	\$875,647.01		\$2,984,852.86



Memo to: Board of Directors
From: Chuck Ewert
Subject: Budget and Disbursement Report for April 2016
Date: May 16, 2016

Current Budget Highlights

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

Accrued expenditures for the current fiscal year beginning on October 1, 2015 are \$34,602,950 while revenues amounted to \$7,121,192 resulting in a deficit of \$27,481,758. A total of approximately \$27,531,855 is held by the counties in their respective FPD sales tax funds and is available for the Council's use on the project.

Monthly sales tax receipts for February 2016 (the latest month reported by the Illinois Department of Revenue) were up 5.29% from last year. Receipts are up 1.79% from last year, which was our highest year.

Monthly Disbursements

Attached is the list of bank transactions for April 2016. Total disbursements for the month were \$5,458,610.18. The largest payments were TREVIICOS South for BP #7B, Keller Construction for BP #3 and BP #5, Lane Construction for BP #6, Korte & Luitjohan Contractors for BP #2B, Amec Foster Wheeler, and Husch Blackwell.

Recommendation:

Accept the budget report and disbursements for April 2016



**SOUTHWESTERN ILLINOIS FLOOD PREVENTION
DISTRICT COUNCIL**

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

SEVEN MONTHS ENDING APRIL 30, 2016 AND 2015



CliftonLarsonAllen

CliftonLarsonAllen LLP
www.cliftonlarsonallen.com

Board Members
Southwestern Illinois Flood Prevention District Council
Collinsville, Illinois

Management is responsible for the accompanying General Fund Statement of Revenues and Expenditures of Southwestern Illinois Flood Prevention District Council (the "Council") for the seven months ended April 30, 2016 and 2015, in accordance with accounting principles generally accepted in the United States of America. We have performed compilation engagements in accordance with Statements on Standards for Accounting and Review services promulgated by the Accounting and Review Services Committee of the American Institute of certified Public Accountants. We did not audit or review the financial statements nor were we required to perform any procedures to verify the accuracy or completeness of information provided by management. Accordingly, we do not express an opinion a conclusion, nor provide any form of assurances on these financial statements.

Management has omitted the management discussion and analysis. Such missing information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context.

Management has not presented government-wide financial statements to display the financial position and changes in financial position of its governmental activity. Accounting principles generally accepted in the United States of America require the presentation of government-wide financial statements. The change in fund balance for the Council's governmental activity is not reasonably determinable.

Management has not presented a balance sheet for the general fund. Accounting principles generally accepted in the United States of America require the presentation of a balance sheet for each fund contained in the financial statements. The amounts that would be reported in a balance sheet of the general fund for the Council are not reasonably determinable.

Management has not presented a change in fund balance on the Statement of Revenues and Expenditures – Budget and Actual. Accounting principles generally accepted in the United States of America require the Statement of Revenues, Expenditures and Changes in Fund Balance include a presentation of changes in fund balance. The amounts that would be reported in government-wide financial statements for the Council's governmental activity is not reasonably determinable.

Management has also elected to omit substantially all of the disclosures required by generally accepted accounting principles. If the omitted disclosures were included with the financial statements, they might influence the user's conclusions about the Council's results of operations. Accordingly, these financial statements are not designed for those who are not informed about such matters.

The accompanying original and final budget amounts presented on the General Fund Statement of Revenues and Expenditures – Budget and Actual presented for the year ending September 30, 2016 and 2015, have not been compiled or examined by us, and, accordingly, we do not express an opinion or any other form of assurance on them.

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

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

CliftonLarsonAllen LLP

St. Louis, Missouri
May 5, 2016

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

	BUDGET		ACTUAL	VARIANCE WITH
	ORIGINAL	FINAL		FINAL BUDGET
				POSITIVE (NEGATIVE)
REVENUES				
Sales Tax Proceeds From Districts	\$ 11,500,000	\$ 11,500,000	\$ 6,753,844	\$ 4,746,156
Interest Income	75,000	75,000	367,343	(292,343)
Other Contributions	-	-	5	(5)
Total Revenues	<u>11,575,000</u>	<u>11,575,000</u>	<u>7,121,192</u>	<u>4,453,808</u>
EXPENDITURES				
Current				
Design and Construction				
Engineering Design & Construction Management	13,939,900	14,933,787	2,513,119	12,420,668
Construction	26,597,316	44,674,432	16,665,563	28,008,869
Construction and design by US ACE	2,739,245	2,739,245	2,439,618	299,627
Total Design and Construction	<u>43,276,461</u>	<u>62,347,464</u>	<u>21,618,300</u>	<u>40,729,164</u>
Professional Services				
Legal & Legislative Consulting	391,000	391,000	322,381	68,619
Diversity Program Manager	25,130	25,130	16,155	8,975
Financial Advisor	83,200	83,200	89,481	(6,281)
Bond Underwriter/Conduit Issuer	10,000	10,000	2,244	7,756
Total Professional Services	<u>509,330</u>	<u>509,330</u>	<u>430,261</u>	<u>79,069</u>
Refund of Surplus Funds to County FPD Accounts				
Madison County	1,911,400	1,911,400	1,597,538	313,862
Monroe County	202,080	202,080	168,498	33,582
St. Clair County	1,886,520	1,886,520	1,589,585	296,935
Total Refund of Surplus Funds to County	<u>4,000,000</u>	<u>4,000,000</u>	<u>3,355,621</u>	<u>644,379</u>
Debt Service				
Principal and Interest	7,103,089	7,103,089	9,483,278	(2,380,189)
Federal Interest Subsidy	(843,700)	(843,700)	(424,125)	(419,575)
Total Debt Service	<u>6,259,389</u>	<u>6,259,389</u>	<u>9,059,153</u>	<u>(2,799,764)</u>
Total Operating Expenses	<u>54,045,180</u>	<u>73,116,183</u>	<u>34,463,335</u>	<u>38,652,848</u>
General and Administrative Costs				
Salaries, Benefits	196,500	196,500	113,348	83,152
Bank Service Charges	1,500	1,500	819	681
Conference Registration	350	350	307	43
Equipment and Software	2,000	2,000	433	1,567
Fiscal Agency Services	29,000	29,000	16,793	12,207
Audit Services	15,000	15,000	608	14,392
Meeting Expenses	1,000	1,000	-	1,000
Postage/Delivery	400	400	194	206
Printing/Photocopies	2,500	2,500	2,082	418
Professional Services	10,000	10,000	257	9,743
Publications/Subscriptions	250	250	113	137
Supplies	3,000	3,000	1,598	1,402
Telecommunications/Internet	3,000	3,000	1,722	1,278
Travel	5,000	5,000	399	4,601
Insurance	1,000	1,000	942	58
Total General & Administrative Costs	<u>270,500</u>	<u>270,500</u>	<u>139,615</u>	<u>130,885</u>
Total Expenditures	<u>54,315,680</u>	<u>73,386,683</u>	<u>34,602,950</u>	<u>38,783,733</u>
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	(42,740,680)	(61,811,683)	(27,481,758)	34,329,925
OTHER FINANCING SOURCES				
Proceeds From Borrowing	65,000,000	77,545,236	83,835,000	6,289,764
NET CHANGE IN FUND BALANCE	<u>\$ 22,259,320</u>	<u>\$ 15,733,553</u>	<u>\$ 56,353,242</u>	<u>\$ 40,619,689</u>

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

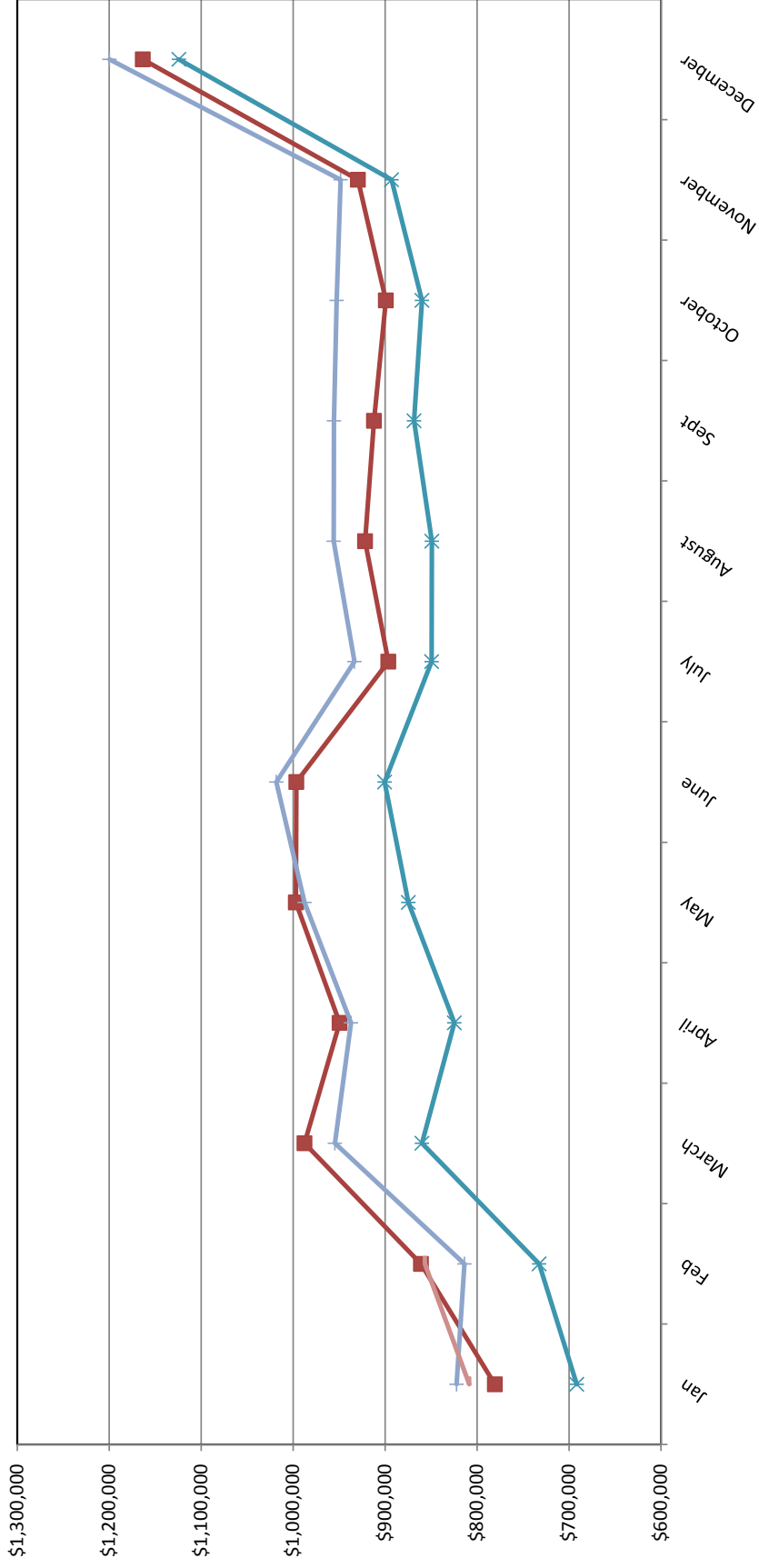
	BUDGET		ACTUAL	VARIANCE WITH
	ORIGINAL	FINAL		FINAL BUDGET
				POSITIVE (NEGATIVE)
REVENUES				
Sales Tax Proceeds From Districts	\$ 11,195,000	\$ 11,195,000	\$ 6,667,390	\$ 4,527,610
Interest Income	60,000	60,000	225,841	(165,841)
Total Revenues	<u>11,255,000</u>	<u>11,255,000</u>	<u>6,893,231</u>	<u>4,361,769</u>
EXPENDITURES				
Current				
Design and Construction				
Engineering Design & Construction Management	8,131,050	8,131,050	1,498,525	6,632,525
Construction	45,791,362	45,791,362	18,171,827	27,619,535
Construction and design by US ACE	-	-	-	-
Total Design and Construction	<u>53,922,412</u>	<u>53,922,412</u>	<u>19,670,352</u>	<u>34,252,060</u>
Professional Services				
Legal & Legislative Consulting	216,000	216,000	158,810	57,190
Diversity Program Manager	64,140	64,140	42,840	21,300
Financial Advisor	120,000	120,000	4,706	115,294
Bond Underwriter/Conduit Issuer	-	-	6,705	(6,705)
Total Professional Services	<u>400,140</u>	<u>400,140</u>	<u>213,061</u>	<u>187,079</u>
Refund of Surplus Funds to County FPD Accounts				
Madison County	1,882,480	1,882,480	977,515	904,965
Monroe County	197,080	197,080	102,338	94,742
St. Clair County	1,920,440	1,920,440	997,226	923,214
Total Refund of Surplus Funds to County	<u>4,000,000</u>	<u>4,000,000</u>	<u>2,077,079</u>	<u>1,922,921</u>
Debt Service				
Principal and Interest	7,101,239	7,101,239	7,101,239	-
Federal Interest Subsidy	(844,610)	(844,610)	(421,850)	(422,760)
Total Debt Service	<u>6,256,629</u>	<u>6,256,629</u>	<u>6,679,389</u>	<u>(422,760)</u>
Total Operating Expenses	<u>64,579,181</u>	<u>64,579,181</u>	<u>28,639,881</u>	<u>35,939,300</u>
General and Administrative Costs				
Salaries, Benefits	206,000	206,000	107,587	98,413
Bank Service Charges	1,500	1,500	875	625
Conference Registration	500	500	311	189
Equipment and Software	2,000	2,000	-	2,000
Fiscal Agency Services	26,500	26,500	16,700	9,800
Audit Services	15,000	15,000	-	15,000
Meeting Expenses	1,000	1,000	-	1,000
Postage/Delivery	400	400	223	177
Printing/Photocopies	2,500	2,500	1,424	1,076
Professional Services	20,000	20,000	192	19,808
Publications/Subscriptions	250	250	112	138
Supplies	1,500	1,500	1,543	(43)
Telecommunications/Internet	2,500	2,500	1,564	936
Travel	7,500	7,500	165	7,335
Insurance	1,000	1,000	968	32
Total General & Administrative Costs	<u>288,150</u>	<u>288,150</u>	<u>131,664</u>	<u>156,486</u>
Total Expenditures	<u>64,867,331</u>	<u>64,867,331</u>	<u>28,771,545</u>	<u>36,095,786</u>
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	(53,612,331)	(53,612,331)	(21,878,314)	31,734,017
OTHER FINANCING SOURCES				
Proceeds From Borrowing	-	-	-	-
NET CHANGE IN FUND BALANCE	<u>\$ (53,612,331)</u>	<u>\$ (53,612,331)</u>	<u>\$ (21,878,314)</u>	<u>\$ 31,734,017</u>

Flood Prevention District Sales Tax Trends 2009-2016

2009												County Share		
	Jan	Feb	March	April	May	June	July	August	Sept	October	November	December	Total	
Madison	\$321,968	\$336,765	\$397,425	\$387,385	\$414,350	\$421,402	\$399,616	\$401,188	\$400,090	\$404,847	\$405,930	\$492,814	\$4,783,780	46.319%
St. Clair	\$337,979	\$362,696	\$424,556	\$398,395	\$419,126	\$438,230	\$411,968	\$410,484	\$429,852	\$412,637	\$446,806	\$581,721	\$5,074,450	49.134%
Monroe	\$31,641	\$32,903	\$37,830	\$38,757	\$41,326	\$40,847	\$37,817	\$37,497	\$38,652	\$42,270	\$40,332	\$49,755	\$469,627	4.547%
Total Month	\$691,588	\$732,364	\$859,811	\$824,537	\$874,802	\$900,479	\$849,401	\$849,169	\$868,594	\$859,754	\$893,068	\$1,124,290	\$10,327,857	
Cumulative Total	\$691,588	\$1,423,952	\$2,283,763	\$3,108,300	\$3,983,102	\$4,883,581	\$5,732,982	\$6,582,151	\$7,450,745	\$8,310,499	\$9,203,567	\$10,327,857		
2010														
Madison	\$353,146	\$374,416	\$456,795	\$462,697	\$440,815	\$452,308	\$427,329	\$433,047	\$419,455	430,210	\$442,904	\$529,069	\$5,222,191	47.272%
St. Clair	\$367,458	\$399,480	\$464,089	\$439,748	\$439,139	\$458,299	\$421,447	\$423,718	\$424,971	\$429,581	\$457,927	587,067	\$5,312,924	48.094%
Monroe	\$36,770	\$34,324	\$39,884	\$43,769	\$44,358	\$43,102	\$46,499	\$41,816	\$42,207	\$42,746	\$45,411	\$51,004	\$511,890	4.634%
Total Month	\$757,374	\$808,220	\$960,768	\$946,214	\$924,312	\$953,709	\$895,275	\$898,581	\$886,633	\$902,537	\$946,242	\$1,167,140	\$11,047,005	
Cumulative Total	\$757,374	\$1,565,594	\$2,526,362	\$3,472,576	\$4,396,888	\$5,350,597	\$6,245,872	\$7,144,453	\$8,031,086	\$8,933,623	\$9,879,865	\$11,047,005		
% change/month	9.51%	10.36%	11.74%	14.8%	5.7%	5.9%	5.4%	5.8%	2.1%	5.0%	6.0%	3.8%		
% change/total	9.51%	9.95%	10.62%	11.72%	10.39%	9.56%	8.95%	8.54%	7.79%	7.50%	7.35%	6.96%	6.96%	
2011														
Madison	\$380,021	\$383,976	\$460,129	\$454,562	\$466,904	\$477,396	\$436,637	\$473,303	\$448,256	\$444,204	\$455,842	\$538,000	\$5,419,230	48.108%
St. Clair	\$363,984	\$395,231	\$455,562	\$437,820	\$436,490	\$475,972	\$433,460	\$433,777	\$441,030	\$412,793	\$451,390	\$594,129	\$5,331,638	47.330%
Monroe	\$38,315	\$34,759	\$41,192	\$44,975	\$41,786	\$45,836	\$44,887	\$43,323	\$42,564	\$42,690	\$42,252	\$51,266	\$513,845	4.562%
Total Month	\$782,320	\$813,966	\$956,883	\$937,357	\$945,180	\$999,204	\$914,984	\$950,403	\$931,850	\$899,687	\$949,484	\$1,183,395	\$11,264,713	
Cumulative Total	\$782,320	\$1,596,286	\$2,553,169	\$3,490,526	\$4,435,706	\$5,434,910	\$6,349,894	\$7,300,297	\$8,232,147	\$9,131,834	\$10,081,318	\$11,264,713		
% change/month	3.29%	0.71%	-0.40%	-0.94%	2.26%	4.77%	2.20%	5.77%	5.10%	-0.32%	0.34%	1.39%		
% change/total	3.29%	1.96%	1.06%	0.52%	0.88%	1.58%	1.67%	2.18%	2.50%	2.22%	2.04%	1.97%	1.97%	
2012														
Madison	\$381,470	\$406,476	\$473,049	\$471,191	\$481,989	\$477,254	\$427,562	\$434,603	\$428,193	\$428,521	\$429,127	\$523,240	\$5,362,675	47.481%
St. Clair	\$361,727	\$415,491	\$468,490	\$432,173	\$468,782	\$473,567	\$425,923	\$441,838	\$438,184	\$424,289	\$454,916	\$589,183	\$5,394,563	47.763%
Monroe	\$37,471	\$38,904	\$46,086	\$46,051	\$46,231	\$45,671	\$43,063	\$45,307	\$45,641	\$46,230	\$45,429	\$51,062	\$537,146	4.756%
Total Month	\$780,668	\$860,871	\$987,625	\$949,415	\$997,002	\$996,492	\$896,548	\$921,748	\$912,018	\$899,040	\$929,472	\$1,163,485	\$11,294,384	
Cumulative Total	\$780,668	\$1,641,539	\$2,629,164	\$3,578,579	\$4,575,581	\$5,572,073	\$6,468,621	\$7,390,369	\$8,302,387	\$9,201,427	\$10,130,899	\$11,294,384		
% change/month	-0.21%	5.76%	3.21%	1.29%	5.48%	-0.27%	-2.01%	-3.02%	-2.13%	-0.07%	-2.11%	-1.68%		
% change/total	-0.21%	2.83%	2.98%	2.52%	3.15%	2.52%	1.87%	1.23%	0.85%	0.76%	0.49%	0.26%	0.26%	

Flood Prevention District Sales Tax Trends 2009-2016

Monthly Receipts 2009-2012-2015-2016



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

Beginning Bank Balance April 1, \$ 1,138,235.37
Receipts

UMB	04/19/2016 Funds transfer/ Construction	5,008,234.99
UMB	04/19/2016 Funds transfer/Admin	8,289.60
The Bank of Edwardsville	04/30/2016 April Interest	249.81

\$ 5,016,774.40

Disbursements

Cahokia Acres LLC	04/01/2016 Easements	40,500.00
Cahokia Acres LLC	04/01/2016 Easements	5,500.00
ABNA	04/01/2016 Design & Construction	3,124.60
Smith Dawson & Andrews	04/01/2016 Government Relations	5,000.00
ABNA	04/01/2016 Design & Construction	1,236.10
AT&T	04/01/2016 Telephone	31.94
Microsoft Office	04/02/2016 Subscription	0.99
USPS	04/11/2016 Postage	13.15
UMB	04/11/2016 Federal Bond Subsidy	320,358.48
UMB	04/11/2016 Federal Bond Subsidy	103,766.66
The Bank of Edwardsville	04/11/2016 Wire Fee	15.00
The Bank of Edwardsville	04/11/2016 Wire Fee	15.00
CliftonLarsonAllen LLP	04/12/2016 Fiscal Agent	2,200.00
Columbia Capital	04/12/2016 Financial Advisor	1,500.00
Dorgan, McPike & Assoc, LTD	04/12/2016 Legal & Legislative	3,000.00
Sprague & Urban, Attorneys at Law	04/12/2016 Legal & Legislative	150.00
AT & T	04/13/2016 Telephone	41.33
Amec Foster Wheeler Environment & Infracore	04/14/2016 Design & Construction	457,073.41
Computerease	04/18/2016 Equipment Repair	433.19
Husch Blackwell	04/18/2016 Legal & Legislative	113,166.11
Cost Less Copy Center	04/19/2016 Board Meeting Materials	212.00
The Bank of Edwardsville	04/19/2016 Wire Fee	10.00
The Bank of Edwardsville	04/19/2016 Wire Fee	10.00
Keller Construction Inc	04/20/2016 Construction	1,010,281.05
Keller Construction Inc	04/20/2016 Construction	94,357.08
Korte & Luitjohan Contractors Inc	04/20/2016 Construction	165,870.00
The Lane Construction Corporation	04/20/2016 Construction	301,816.49
TREVIICOS South	04/20/2016 Construction	2,810,660.15
The Bank of Edwardsville	04/20/2016 Wire Fee	15.00
The Bank of Edwardsville	04/20/2016 Wire Fee	15.00
The Bank of Edwardsville	04/20/2016 Wire Fee	15.00
The Bank of Edwardsville	04/20/2016 Wire Fee	15.00
The Bank of Edwardsville	04/20/2016 Wire Fee	15.00
DropBox	04/23/2016 Cloud Storage	99.00
Label Value	04/26/2016 Office Supplies	14.72
East-West Gateway Council of Governments	04/26/2016 Supervisory Mgt Services	18,061.33
The Bank of Edwardsville	04/30/2016 Wire Fee	17.40

\$ 5,458,610.18

\$ 696,399.59



Memo to: Board of Directors

From: Chuck Etwert

Subject: Change Orders BP #2C, BP #3, BP #4 & BP #6

Date: May 16, 2016

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

We have change orders on the agenda involving Bid Packages #2C, #3, #4, and #6, which Amec Foster Wheeler will be explaining at the meeting.

Bid Package #2C – Flood Damage Expenses \$3,390.00

During the December 2015 flood event, flood waters caused minor damage on the riverside slope within the project limits of Bid Package 2C. Such damage includes washing out of top soil, and seed/straw that was placed a few weeks prior. The costs included in this change order are for re-grading of the riverside slope and re-seeding/strawing.

Bid Package #3 – Wagon Wheel Road Tunnel – (\$29,887.27)

An 8-inch steel pipeline was unexpectedly encountered during the tunnel operation under Wagon Wheel Road in Roxanna, IL. The pipe is believed to be an abandoned gas line, but ownership could not be determined after substantial effort. As a result the culvert connecting the north and south sides of Wagon Wheel Road was raised to avoid the utility conflict. Since the culvert was raised, a catch basin structure was eliminated. Additionally, a previously approved change order to shore the road and cut out the gas main cannot be completed due to Ameren's outright reversal on direction that was given to both the Contractor and Amec Foster Wheeler regarding the pipeline.

Description	Price
Credit a Portion of Previously Approved Change Order #25 (AUP26)	(\$62,525.00)
Credit Original Bid Tab Item 3.25	(\$2,983.75)
Credit Original Bid Tab Item 3.16	(\$5,326.00)
Credit Original Bid Tab Item 3.24	(\$6,019.37)
Add to Original Bid Tab Item 3.28	\$4,740.16
Add For Additional Work at the Wagon Wheel Bore	\$42,226.69
Net Change to Contract	(\$29,887.27)

Bid Package #4- Relief Well Quantity Rectification – (\$29,295.61)

Balancing change order for final quantities on relief wells that were shortened and additional fixed costs for outlet works.

Description	As Bid QTY	As Built QTY	Unit Price	Value
4.16 Relief Well – Type T	1,598.00	1,459.65	\$550.00	(76,092.50)
Add for Fixed Costs Associated with Outlet Works	0	138.35	\$338.25	46,796.89
Net Change to Contract				(\$29,295.61)

Bid Package #4 – CA06 Rock Placement \$9,553.00

The pipe cover was shown on the design drawing to be random fill. At the property owners requested, the roadway was re-established with aggregate (IDOT CA-6 gradation) instead of random fill. This change order includes the cost between aggregate and the random fill.

Bid Package #4 – Clay Cap Blanket and Loss Time \$14,390.00

The contractor was beginning construction of the clay cap when the thickness and slope of the clay cap were checked during a prep meeting; a misunderstanding about the thickness and grade of the clay cap was revealed and the contractor was forced to send his crew home until the issue could be resolved in the coming days. This change order is associated with the lost time for that day.

Bid Package #6 – Pulcher Drainage Improvements - \$79,992.22

These improvements were requested by the land owner to aid in management of relief well water on his property. They include a sluice gate to allow the land owner to control seepage flow through his field during non-flood times, as well as a ditch crossing (with culvert) to allow the owner to farm atop a newly constructed seepage berm. These improvements are the solution to several months of complaints by the owner regarding the levee improvements constructed on his property.

Recommendation:

Authorize the Chief Supervisor to approve the requested change orders for:

Bid Package #2C – Flood Damage Expenses in the amount of \$3,390.00 with Korte & Luitjohan; for

Bid Package #3 – Wagon Wheel Road Tunnel for a credit of \$29,887.27 with Keller Construction; for

Bid Package #4 - Relief Well Quantity Rectification for a credit of \$29,295.61 with Haier Plumbing;
for

Bid Package #4 - CA06 Rock Placement in the amount of \$9,553.00 with Haier Plumbing; for

Bid Package #4 – Clay Cap Blanket and Lost Time in the amount of \$14,390.00 with Haier
Plumbing; and for

Bid Package #6 - Pulcher Drainage Improvements in the amount of \$79,992.22 with Lane
Construction

for a total not to exceed **\$48,142.34**.