



SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL  
BOARD OF DIRECTORS MEETING  
May 20, 2015 7:30 am

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

1. Call to Order  
*John Conrad, President*
2. Approval of Minutes of April 15, 2015
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 Environment & Infrastructure*
7. Change Order – BP #6  
*Amec Foster Wheeler Environment & Infrastructure*  
*Chuck Etwert, Chief Supervisor*
8. Selection of Contractor to Perform Construction Activities  
In Bid Package #7B – Lower Wood River Deep Cutoff Wall  
*Amec Foster Wheeler Environment & Infrastructure*  
*Chuck Etwert, Chief Supervisor*
9. Bond Financing Schedule  
*Jeff White, Columbia Capital Management*  
*Chuck Etwert, Chief Supervisor*
10. Update from Corps of Engineers  
*Tracey Kelsey, U.S. Army Corps of Engineers*
11. Public Comment

AGENDA

12. Executive Session – Litigation
13. Other Business
14. Adjournment

**Next Meeting: June 17, 2015**

## MINUTES

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

April 15, 2015

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 15, 2015.

#### Members in Attendance

John Conrad, President (Chair, Monroe County Flood Prevention District)  
James Pennekamp, Vice President (Chair, Madison County Flood Prevention District)  
Dan Maher, Secretary/Treasurer (Chair, St. Clair County Flood Prevention District)  
Alvin Parks, Jr., St. Clair County Flood Prevention District  
Paul Bergkoetter, St. Clair County Flood Prevention District  
Tom Long, Madison County Flood Prevention District  
Bruce Brinkman, Monroe County Flood Prevention District

#### Members Absent

Ron Motil, Madison County Flood Prevention District  
Ronald Polka, Monroe County Flood Prevention District

#### Others in Attendance

Alan Dunstan, Madison County Board Chair  
Mark Kern, St. Clair County Board Chair  
Chuck Etwert, SW Illinois FPD Council  
Rich Conner, Levee Issues Alliance  
Kevin Engelke, Teamsters 525  
Chad Goldschmidt, IUOE Local 520  
Walter Greathouse, Metro-East Sanitary District  
Pam Hobbs, Geotechnology  
Gary Hoelscher, Millennia Professional Services  
David Human, Husch Blackwell LLP  
Phil Johnson, Phil Johnson Realtor  
Ronald S. Kaempfe, IUOE Local 520  
Tracey Kelsey, U.S. Army Corps of Engineers  
Steve Kochan, Wood River Levee & Drainage District  
Ellen Krohne, Leadership Council SW Illinois  
Jay Martin, Amec Foster Wheeler Environment & Infrastructure  
Rick Mauch, SCI Engineering  
Col. Anthony P. Mitchell, U.S. Army Corps of Engineers  
David Oates, Oates Associates  
Dan O'Sullivan, Ironworkers 392  
Jon Omvig, Amec Foster Wheeler Environment & Infrastructure  
Joe Parente, Madison County

Glyn Ramage, Southwestern Illinois Laborers District Council  
Matt Rice, Congressman Bost  
Rhonda Sauget, Validus Business Strategies  
Terry Shewmake, IBEW 649  
Ken Slavens Husch Blackwell LLP  
Brennen Soval, Husch Blackwell LLP  
Deanne Strauser, U.S. Army Corps of Engineers  
Dale Stewart, Southwestern Illinois Building Trades Council  
Steve Tyler, Laborers Local 397  
Brett Wessel, Teamster 525  
Jeff White, Columbia Capital  
Julie Ziino, U.S. Army Corps of Engineers

**Call to order**

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

**Approval of Minutes of March 18, 2015**

A motion was made by Dan Maher, seconded by Tom Long, to approve the minutes of the Board meeting held on March 18, 2015. Mr. Maher called the roll and the following votes were made on the motion:

Mr. Polka - absent  
Mr. Brinkman – Aye  
Mr. Bergkoetter - Aye  
Mr. Conrad - Aye  
Mr. Long – Aye  
Mr. Maher – Aye  
Mr. Motil – absent  
Mr. Parks – absent  
Mr. Pennekamp – Aye

The motion was approved.

**Public Comment on Pending Agenda Items**

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

**Program Status Report**

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

Mr. Etwert indicated Husch Blackwell continues to work with the attorneys for Union Pacific, regarding the 3 parcels needed on the BP #3 construction project. Final changes are being made to the forty page Stormwater Drainage Improvements Construction & Maintenance Agreement

required by Union Pacific. Hopefully, the obtainment of these easements will be completed very soon. As previously mention, the delay in obtaining these easements and others on the BP #7B project will have an effect on completion times and possible costs of these projects

Approximately 65% of the \$46.8 million of construction, involved in the eight current construction bid packages (not including BP 7B), has been completed thru March. With 2.7 million dollars' worth of construction completed in March, the total amount of construction completed is now \$30.2 million. Construction has been completed on the BP #2A and BP #2B projects.

He indicated that there was one one change order on this month's agenda, involving Handrail & Toe Wall Additions to Weirs 2, 3, and 4 on Bid Package #3 with Amec Foster Wheeler explaining it later in the meeting.

Next he indicated that he and Amec Foster Wheeler continue to meet bi-weekly with the Corps of Engineers regarding the process of the Council moving ahead with 500-year level of protection projects and on today's agenda there is a work order for Amec Foster Wheeler to start the process of analyzing and planning the USACE Authorized Level of protection.

On April 1<sup>st</sup>, there was a pre-bid meeting with site visit for the re-bid of Bid Package 7B – Wood River Lower Cutoff Wall Project. Attendance was good with over a dozen firms participating. The bid opening is scheduled for May 6<sup>th</sup>.

He indicated that he had attached Col. Mitchell's letter of March 16<sup>th</sup> (previously e-mailed to everyone) to the agenda requesting the Board to reconsider going forward with the Upper Wood River Shallow Cutoff Wall project, with bidders allowed to bid with a PLA, without a PLA, or both and the selection being the Lowest Price Technically Acceptable bid, which the Colonel feels will include a PLA. However, as previously, there is no PLA guarantee. He indicated that Col. Mitchell was in attendance and would make his request to the Board.

Mr. Etwert indicated that there would be an executive session on litigation and real estate at the end of the meeting.

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

A motion was made by Mr. Pennekamp, seconded by Mr. Brinkman to accept the Program Status Report for March 2015. Mr. Maher called the roll and the following votes were made on the motion:

Mr. Polka - absent  
Mr. Brinkman – Aye  
Mr. Bergkoetter - Aye  
Mr. Conrad - Aye  
Mr. Long – Aye

Mr. Maher – Aye  
Mr. Motil – absent  
Mr. Parks – absent  
Mr. Pennekamp – Aye

The motion was approved unanimously.

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

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

Mr. Etwert noted that financial statement for March 2015 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, 2015, as compared to the fiscal year budget.

Accrued expenditures for the current fiscal year beginning on October 1, 2014 are \$20,860,791 while revenues amounted to \$5,918,296 resulting in a deficit of \$14,942,495. A total of approximately \$23,015,535 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 January 2015 (the latest month reported by the Illinois Department of Revenue) were up by 6.64% from the previous year. Receipts for January were \$27,230 higher than the previous highest January of 2013.

The report included bank transactions for March 2015. Total disbursements for the month were \$1,643,461.74. . The largest payments were to Keller Construction for BP #3 and BP #5, Lane Construction for BP #6, Haier Plumbing for BP #4, Korte & Luitjohan Contractors for BP #2B, Kamadulski Excavating & Grading Co. for BP #7A, Amec Foster Wheeler and Husch Blackwell.

Also, for the Board's review, Mr. Etwert provided copies of each requisition, which was represented on the March 2015 Bank Transaction Schedule prepared by CliftonLarsonAllen. Mr. Conrad indicated that the requisitions were available for review by the Board and anyone else who was interested.

Mr. Etwert recommended that the Board accept the budget report and disbursements for March 2015.

A motion was made by Mr. Long, seconded by Mr. Bergkoetter, to accept the budget report and approve the disbursements for March 2015. Mr. Maher called the roll and the following votes were made on the motion:

Mr. Polka - absent  
Mr. Brinkman – Aye  
Mr. Bergkoetter - Aye

Mr. Conrad - Aye  
Mr. Long – Aye  
Mr. Maher – Aye  
Mr. Motil – absent  
Mr. Parks – absent  
Mr. Pennekamp – Aye

The motion was approved unanimously.

## **Design and Construction Update**

Mr. Conrad called on Jay Martin, Amec Foster Wheeler’s program manager, to provide a report. Prior to his presentation, Mr. Conrad pointed out that both Mr. Motil and Mr. Polka had indicated that they would not be able to attend today’s meeting due to schedule conflicts. Mr. Martin used a PowerPoint® presentation to illustrate his remarks. His presentation, including a few site photos, focused on the status of each bid package as follows:

### **Construction Status**

#### **BP #2A – Fish Lake Pump Station**

- The project is complete and the retainage has been released.
- Contractor/AMEC developing record documents.

#### **BP #2B – WR/MESD/PDP Pump Stations**

- Substantial Completion for all pump stations is complete.
- The Final Inspection is scheduled for this week.

#### **BP #2C – Site 12 Pump Station Force Mains**

- Work on this site will not begin until 15 October 15 in order to comply with 33 U.S.C. 408 (Section 408 alteration permit).
- NTP was issued on 05 March 15.
- The contractor is working on submittals.

#### **BP #03 – WR Seepage Improvements**

- Critical Delay: The railroad land acquisition delay is impacting full mobilization to Blanket Drain 6, Seepage Berms 1-4 and Random Fill Areas 1 & 2.
- Design revisions to Blanket Drain 4 pending. Construction costs impacts will be submitted when available.
- Piezometer installation continues – 37 of 51 PZs complete. Concrete seals and bollards also being installed.
- Relief well drilling began. 1 of 85 RWs have been completed.
- Blanket Drain 3 – 90% Complete.

- Blanket Drain 5 – 90% Complete.
- Weir 1 – 90% Complete.

**BP # 04 – MESD Seepage Improvements (Conoco Phillips)**

- Relief well drilling complete. RW manhole work remains.
- Site 09 Structures and Electrical complete.
- Relief Well collector system mainline nearly complete.
- Clay Cap and Random Fill work will begin as soon as the weather breaks.

**BP # 05 – MESD Seepage Improvements (MESD excluding Conoco Phillips)**

- Relief well drilling continues. Sixty-six of 70 RWs have been drilled.
- Relief well collector systems complete. Deflection testing remains.
- Piezometer installation complete. Transducers yet to be installed.
- Clay Cap and Random Fill work will begin as soon as weather breaks.
- Sluice Gate rehabilitation continues and construction of pump station.

**BP # 06 – PDP/FL Seepage Improvements**

- Relief well drilling continues. Fifty-four of 67 RWs have been drilled.
- Piezometer installation continues – 15 of 16 PZs complete
- Sluice Gate rehabilitation/replacement complete.
- Lining of the triple 84” culverts at Palmer Creek Pump Station complete.
- Relief well collector system – 35% Complete
- Seepage Berms – 81% Complete
- Clay Caps – 59% Complete
- Production on seepage berms and clay caps is progressing as weather allows.

**BP # 7A – Shallow Cut Off Wall**

- Levee backfill/clay cap has resumed and is progressing as weather allows.

**BP # 7B – Deep Cut Off Wall**

- Pre-Bid meeting held 01 April 15.
- Bids are due 06 May 15.

**Construction Photos**

**Bid Package 2B** – Pre-Final Inspections held at each site with representatives from the levee districts, AMEC, the Contractor, and USACE.

**Bid Package 03** – Blanket Drain 5 Nearing Completion

**Bid Package 04** – Site 09 Structure and Electrical Work Complete



**Bid Package 05** – Relief Well Drilling Nearing Completion  
**Bid Package 06** – Relief Well Collector System

**Bid Package 7A**– Clay Cap Work

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

Mr. Polka - absent  
Mr. Brinkman – Aye  
Mr. Bergkoetter - Aye  
Mr. Conrad - Aye  
Mr. Long – Aye  
Mr. Maher – Aye  
Mr. Motil – absent  
Mr. Parks – absent  
Mr. Pennekamp – Aye

The motion was approved unanimously.

**Agreement with Ameren Illinois for BP #7B Cutoff Wall**

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

Mr. Etwert explained that last June the Board approved the rerouting of an Ameren Illinois primary service line involving the permanent relocation of a pole to avoid proposed relief wells construction during the Wood River Levee Deep Cutoff Wall Project.

The thought at the time was that the pole would be relocated to a new location and a new easement would be granted by the Olin Corporation. Unfortunately, Ameren Illinois has not been able to work out an agreement with Olin Corporation for the relocated pole and the pole is will have to go back to its originally location.

The cost for moving the pole back to its original location, after the relief well construction is finished is \$35,793.00.

There was a brief discussion regarding the original cost of the pole relocation and the construction sequence of the pole relocation and the construction of the relief wells.

Mr. Etwert requested that the Chief Supervisor be authorized to enter into an agreement with Ameren Illinois to relocate a primary service line back to its original corner location after the construction of proposed relief wells in the Wood River Levee Deep Cutoff Wall Project at a cost not to exceed \$35,793.00.

A motion was made by Mr. Maher with a second by Mr. Pennekamp to authorize the Chief Supervisor to enter into an agreement with Ameren Illinois to relocate a primary service line back to its original corner location after the construction of proposed relief wells in the Wood River Levee Deep Cutoff Wall Project at a cost not to exceed \$35,793.00.

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

Mr. Polka - absent  
Mr. Brinkman – Aye  
Mr. Bergkoetter - Aye  
Mr. Conrad - Aye  
Mr. Long – Aye  
Mr. Maher – Aye  
Mr. Motil – absent  
Mr. Parks – absent  
Mr. Pennekamp – Aye

The motion was approved unanimously.

### **Change Order BP #3**

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

Mr. Etwert indicated as he mentioned in the Progress Report earlier that there was one change order on the agenda, which Amec Foster Wheeler would be explaining. It involves Handrail & Toe Wall Additions to Weirs 2, 3, and 4 on BP #3. He stated 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, which currently applies Bid Packages 3 & 6.

Mr. Omvig provided the following explanation:

### **Bid Package 03 – Change Order 13 - Handrail & Toe Wall Additions to Weirs 2, 3 and 4 \$60,362.00**

Three of the storm water control weirs planned for Bid Package 03 have been modified to include a toe wall for additional structural support due to the field conditions and soil types the weirs are being installed in. The initial assumptions made during the structural engineering calculations for the slopes on which the weirs are being installed in were found to be different than the actual field conditions; the field conditions exhibit a steeper slope, and therefore a greater chance for an overturning failure scenario. The toe walls were added to mitigate this potential failure.

Handrails were added to the weirs as a result of OSHA regulations; handrails are required for a structure where the vertical distance is to the area below is greater than 36". The weirs are being considered structures; therefore handrails were added for maintenance personnel safety during inspections and flood events.

Mr. Etwert requested that the Chief Supervisor be authorized to approve BP #3 - Change Order 13 – Handrail & Toe Wall Additions to Weirs 2, 3, and 4 with Keller Construction at a cost not to exceed \$60,362.00.

Mr. Conrad asked for a motion to accept the recommendation on the change order. A motion was made by Mr. Pennekamp with a second by Mr. Brinkman to authorize the Chief Supervisor to approve BP #3 - Change Order 13 – Handrail & Toe Wall Additions to Weirs 2, 3, and 4 with Keller Construction at a cost not to exceed \$60,362.00.

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

Mr. Polka - absent  
Mr. Brinkman – Aye  
Mr. Bergkoetter - Aye  
Mr. Conrad - Aye  
Mr. Long – Aye  
Mr. Maher – Aye  
Mr. Motil – absent  
Mr. Parks – absent  
Mr. Pennekamp – Aye

The motion was approved unanimously.

### **Amec Foster Wheeler Work Order 12**

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

Mr. Etwert indicated at last month's meeting that Amec Foster Wheeler would be presenting a comprehensive Work Order involving the Analysis and Planning of the USACE Authorized Level of Protection for our region, to determine the most cost effective and highest priority projects in the Counties of Madison, Monroe, and St. Clair, Illinois.

Mr. Jon Omvig explained the Work Order.

Amec Foster Wheeler will review specific Authorized Level improvements identified by the Corps of Engineers, all supplemental reports, and additional pertinent documents, in order, to develop a schedule for the design and construction of Authorized Level improvements as quickly as possible.

He mentioned that Amec Foster Wheeler and Mr. Etwert had been meeting with the Corps every two weeks, and that Amec Foster Wheeler has developed a schedule based on the results of these

meetings. The schedule involve two different types of projects, those not impacted by the FEMA Improvements (Type 1 Projects) and those impacted by the FEMA projects (Type 2 Projects). The Corps will be reevaluating their proposed improvements based on the impact of the FEMA projects completed by the Council. Amec will evaluate the Type 1 Projects first.

The Corps has indicated that their review of the impacts of the FEMA projects would be complete in early August and at that point they would start developing solutions for new projects as a result of their reevaluation. Next Integral Determination Reports (IDRs) would be developed that would identify projects that would be eligible for Work-In-Kind Credit. It would be best to not start any construction until the IDRs are complete, in order, to assure future credit.

Once the IDRs are complete, the Corps will start the process to amend the Project Partnership Agreements (PPAs) to include In-Kind Credit provisions. Once projects are considered In-Kind, they are considered Corps projects and a 408 permit isn't required. This process is important since if a project wasn't considered a Corps project, a 408 permit would be required and the Corps review would only be to see if the project was injurious to the levee system and not necessary an authorized level improvement.

While all of this is going on Amec Foster Wheeler will be identifying projects and starting field investigations on Type 1 projects that will definitely be included in the IDRs.

Mr. Martin indicated that the scope of this work order is to develop an overall master plan and road map for implementation, maximizing available funds. It was noted that this work order only involves the Authorized Level and has no impact on the 100-Year projects.

There was a brief discussion concerning the cost and benefits of this effort. Benefits would be a clear identification that any projects that the Council would be building would count towards the Authorized Level of protection and be eligible for In-Kind Credit on future Corps projects.

It was indicated that Husch Blackwell would be utilized to ensure, conditions of the current Memorandum of Understandings for the three levee district, are incorporated into the amended PPAs.

This is the initial step of identifying projects and costs of the Authorized Level of protection.

It was restated that this action would not affect the 100-Year projects, would confirm that credit would be given for projects built for the Authorized Level, improvements would not be subject to a 408 review, and provide a mechanism for crediting in the Prairie Du Pont/Fish Lake system, which currently has a low Corps benefit cost ratio.

The cost of the work order is based on anticipated hours for geotechnical engineering, civil engineering, and project management. The results will provide the Council with a Master Plan on what can be accomplished.

It was confirmed that this is the first step of implementing the resolution that the Council passed in February Expressing the Official Intent to Restore the Federally Authorized Level of Mississippi Flood River Protection in the Metro-East. This will be the blueprint for identifying the most critical and cost-effective projects, maximizing the way the Council does business, and achieving the Authorized Level sooner than the original schedules dictated.

Once the Council has reviewed the deliverables of this work order, an additional scope of services work order will be prepared reflecting the Council's preferred sequence of design and construction.

It was noted that the schedule and cost information contained in this work order are dependent on the USACE providing information in a timely manner.

The Authorized Level Design Schedule Outlook was provided to the Board.

Mr. Parks arrived during the presentation.

Mr. Conrad asked for a motion to authorize the Chief Supervisor to execute Work Order 12 with Amec Foster Wheeler Environment & Infrastructure Inc. for the USACE Authorized Level of Protection Planning and Analysis in the amount of \$270,000.

A motion was made by Mr. Maher with a second by Mr. Long to authorize the Chief Supervisor to execute Work Order 12 with Amec Foster Wheeler Environment & Infrastructure Inc. for the USACE Authorized Level of Protection Planning and Analysis in the amount of \$270,000.

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

- Mr. Polka - absent
- Mr. Brinkman – Aye
- Mr. Bergkoetter - Aye
- Mr. Conrad - Aye
- Mr. Long – Aye
- Mr. Maher – Aye
- Mr. Motil – absent
- Mr. Parks – Aye
- Mr. Pennekamp – Aye

The motion was approved unanimously.

### **Project Labor Agreements Research Study**

Mr. Conrad welcomed Dr. Rhonda Sauget of Webster University to present her recent research study.

Dr. Sauget thanked everyone for allowing her to present and indicated that the yearlong study with Dr. Finkelstein was a volunteer research effort with no one being paid for the study.

The intent of the study was to bring clarity and understanding to the Southwest Illinois (SWIL) Project Management Process which includes Project Labor Agreements (PLAs) and Tripartite Approach Model for Construction Project Management Success.

She discussed the project management lessons learned – On-Time meeting Business Objectives, Within Budget meeting Financial Objectives, Teamwork enhancing Productivity, and Trust and Integrity achieving Strategic Management Mission, Vision, and Objectives.

The purpose of the study was twofold, one to provide a framework for understanding the historical context of labor management cooperation and collaboration in SWIL and to empirically document cases in the construction industry over the past decade which focused on PLAs and the tripartite approach/model.

She discussed the history of the SWIL Labor Management Committee and the SWIL Project Management Process.

Next she briefly discussed the case studies involved in the research project. Each case study was unique, with some being very large, some being public and some were private.

She concluded with the key research findings which indicated this model works:

- Model resulted in significant cost savings, improved quality, greater productivity, and higher level of safety.

- Produces both short-term and long term cost savings

- No evidence to suggest that PLAs contribute to higher costs and reduced competition

- All six projects were completed on-time and within budget

- Cooperative agreements can increase communication, trust, respect, and collaboration among all parties, and encourage swift problem solving, innovation, and flexibility

- Positive results may be attributed to an informed and committed labor management leadership who were able to successfully resist an adversarial past to learn, create, and maintain strong cooperative relationships

- Future success hinges on workforce and leadership awareness of cooperative agreements and practices

At the end of her presentation it was mention that she would find the same results for the Mid-America Airport project which included local, state, and federal funds. There was a brief discussion concerning the use of PLAs and the benefit of using the local workforce.

A copy of the research study was provided to each Board member and those in attendance.

Mr. Conrad asked for a motion to place the Project Labor Agreements Research Study on file. A motion was made by Mr. Pennekamp with a second by Mr. Brinkman to place the Project Labor Agreements Research Study on file.

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

- Mr. Polka - absent
- Mr. Brinkman – Aye
- Mr. Bergkoetter - Aye
- Mr. Conrad - Aye
- Mr. Long – Aye
- Mr. Maher – Aye
- Mr. Motil – absent
- Mr. Parks – Aye
- Mr. Pennekamp – Aye

The motion was approved unanimously.

### **Corps of Engineers Update**

Mr. Conrad asked Ms. Kelsey and Col. Mitchell to provide the report from the Corps.

Col. Mitchell indicated that he would let Ms. Kelsey speak first. Ms. Kelsey then used a PowerPoint® presentation to provide the Project Status of the Metro East Projects. She discussed the current efforts of the Corps which include the Wood River and ESTL Reconstruction projects that are on tract, the Upper Wood River Shallow Cutoff Wall which is ready to advertise pending sponsor cost share funds, the Lower Wood River and ESTL Cutoff Walls that are being reevaluated as a result of the recent FPD construction, and the continued discussions with AMEC and the FPD, previously mention, concerning the development of an implementation plan for the FPD authorized level of protection.

Next she discussed funding including carryover funds, the utilization of existing funds, the ability to obtain future funds which is impacted by the participation of the FPD and the preparation of the FY17 budget which is also impacted by the participation of the FPD.

The Corps is waiting on information from Amec Foster Wheeler, in order to complete the Wood River Upper LSER certification which is expected to be submitted to FEMA in August. The process of the exchange of information between the Corps and Amec Foster Wheeler on the Chain of Rocks certification is continuing.

Lastly, she discussed Work-In Kind Credit, including the WRRDA implementation guidelines which are anticipated in June or July, the preparation of the Integral Determination Reports (IDRs) with anticipated approval in September of this year, and the amendment of the project

Partnership Agreements (PPAs) to include Work-In Kind Credit. There is much work being done to make sure the FPD receives Work In-Kind Credit.

Next, Col. Mitchell addressed the Board and emphasized that the Corps, especially his District, isn't against the use of PLAs. PLAs are an approach that works. The Corps objection is to the mandate of the use of PLAs. Nothing in the Corps' market research, performed on two separate occasions, has indicated that PLAs should be mandated in Southwestern Illinois. PLAs are an effective means but nothing suggests that they be mandated.

PLAs occur and it's an inevitable practice that takes place here, but it isn't something that needs to be mandated. Of the more than \$100,000,000 worth of the work that has been done, seventy-five to eighty percent of that work has used of some form of a PLA.

The Corps suggests the use of PLAs in their pre-bid conferences as an effective approach but does not mandate it. The Corps is willing to invite bids with a PLA, without a PLA, or both with the lowest price technical acceptable being chosen.

He expressed his concern regarding the federal investment that wasn't being utilized, and the return of over forty two millions dollars in FY14 and FY15. He referred a map of the Metro East Levee System and indicated there was a large amount of work that could be done. He expressed his concern of a catastrophic event occurring during his watch due to lack of restoring the levees to the authorized level.

Since he took command of this District, it has been his desire to sustain and renew the joint partnership necessary to move this important project forward. He indicated his disappointment of losing funds due to the lack of a willing sponsor, and the potential lack of future funding.

He again stressed that the Corps isn't anti-union or anti-PLA but it cannot mandate the use of a PLA. However, he feels that it will occur based on the work that has been done. Corps contractors recognize what needs to be done in this area to finish on time and within budget and that requires a PLA, however, the Corps won't mandate a PLA.

He requested that the Board take this opportunity to reconsider funding the Wood River Shallow Cutoff Wall for less than \$1,000,000, using this project as a pilot project being bid with a PLA, without PLA, or both. He feels that the lowest price technical acceptable bid will include a PLA, but most important the work will be done.

Lastly, he expressed the importance of improving the safety, reducing the risk, and energizing the economy.

There was a brief discussion regarding cost savings achieved by the use of PLAs locally, the use of a mandatory PLA on the Mid America Airport project, the future use of Work In-Kind credits, and the construction and interim flood operation of the Mel Price Locks and Dam emergency design deficiency correction project.



A motion was made by Mr. Bergkoetter with a second by Mr. Parks to receive the Corps report. Mr. Maher called the roll and the following votes were made on the motion:

Mr. Polka - absent  
Mr. Brinkman – Aye  
Mr. Bergkoetter - Aye  
Mr. Conrad - Aye  
Mr. Long – Aye  
Mr. Maher - Aye  
Mr. Motil – absent  
Mr. Parks – Aye  
Mr. Pennekamp – Aye

The motion was approved unanimously.

**Public Comment**

Mr. Conrad asked if there is any public comment.

Mr. Dale Steward expressed that the building trades meet monthly at the Council’s office to discuss the Council’s project. There have been over 100 different trades working on the Council’s project, there have been no issues, and contractors are very satisfied with the skilled local labor that is available in our area.

Mr. Conrad asked to convene an executive session to address litigation and real estate matters.

Mr. Long made a motion at 9:04 am to convene a closed session under Open Meetings Act 5 ILCS 120.2 for the purpose of discussing the litigation and the purchase or lease of real property by a public agency. The motion was seconded by Mr. Pennekamp. Mr. Etwert indicated that all Board members and County Chairs should be present, along with Brennen Soval, David Human, Ken Slavens, Jon Omgig, Jay Martin, Phil Johnson and Joe Parente. Mr. Maher called the roll and the following votes were made on the motion

Mr. Polka - absent  
Mr. Brinkman – Aye  
Mr. Bergkoetter - Aye  
Mr. Conrad - Aye  
Mr. Long – Aye  
Mr. Maher - Aye  
Mr. Motil – absent  
Mr. Parks – Aye  
Mr. Pennekamp – Aye

The motion was approved unanimously.

Chairman Dunstan left prior to the start of the executive session.

Mr. Long made a motion to adjourn the executive session at 9:40 am and to go back into public session. Mr. Bergkoetter seconded the motion. Mr. Maher called the roll and the following votes were made on the motion:

Mr. Polka - absent  
Mr. Brinkman – Aye  
Mr. Bergkoetter - Aye  
Mr. Conrad - Aye  
Mr. Long – Aye  
Mr. Maher – Aye  
Mr. Motil – absent  
Mr. Parks – Aye  
Mr. Pennekamp – Aye

Mr. Conrad called the meeting to order.

Chairman Kern left immediately after the executive session.

### **Real Estate Transactions**

A motion was made by Mr. Parks, and seconded by Mr. Long to authorize the Chief Supervisor to negotiate the acquisition of properties as follows:

1. Acquire all necessary easements from Union Pacific for \$305,000.

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

Mr. Polka - absent  
Mr. Brinkman – Aye  
Mr. Bergkoetter - Aye  
Mr. Conrad - Aye  
Mr. Long – Aye  
Mr. Maher – Aye  
Mr. Motil – absent  
Mr. Parks – Aye  
Mr. Pennekamp – Aye

The motion was approved unanimously.

### **Other Business**

There was no other business.

## **Adjournment**

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

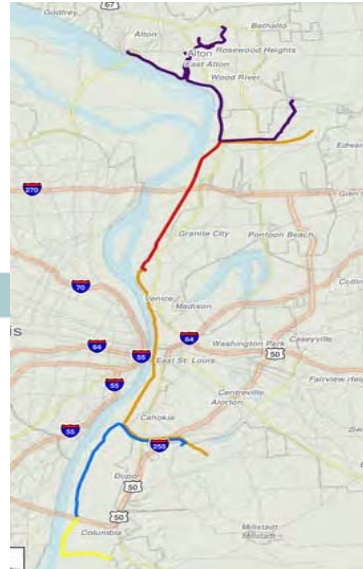
Respectfully submitted,

Dan Maher,  
Secretary/Treasurer, Board of Directors





**Progress Report**  
**April 15, 2015**  
**SW IL Levee System**  
By Jay Martin



**Construction Status**



- **BP #2A – Fish Lake Pump Station**
  - The project is complete and the retainage has been released.
  - Contractor/AMEC developing record documents.
  
- **BP #2B - WR/MESD/PDP Pump Stations**
  - Substantial Completion for all pump stations is complete.
  - The Final Inspection is scheduled for this week.
  
- **BP #2C – Site 12 Pump Station Force Mains**
  - Work on this site will not begin until 15 October 15 in order to comply with 33 U.S.C 408 (Section 408 alteration permit).
  - The NTP was issued on 05 March 15.
  - The contractor is working on submittals.

## Construction Status



- BP #03 – *WR Seepage Improvements*
  - Critical Delay: The railroad land acquisition delay is impacting full mobilization to Blanket Drain 6, Seepage Berms 1 - 4 and Random Fill Areas 1 & 2.
  - Design revisions to Blanket Drain 4 pending. Construction cost impacts will be submitted when available.
  - Piezometer installation continues - 37 of 51 PZs complete. Concrete seals and bollards also being installed.
  - Relief well drilling began. 1 of 85 RWs have been completed.
  - Blanket Drain 3 – 90% Complete.
  - Blanket Drain 5 – 90% Complete.
  - Weir 1 – 90% Complete.

3

## Construction Status



- BP #04 – *MESD Seepage Improvements (Conoco Phillips)*
  - Relief well drilling complete. RW manhole work remains.
  - Site 09 Structures and Electrical complete.
  - Relief well collector system mainline nearly complete.
  - Clay Cap and Random Fill work will begin as soon as the weather breaks.
  
- BP #05 – *MESD Seepage Improvements (MESD excluding Conoco Phillips)*
  - Relief well drilling continues. Sixty-six of 70 RWs have been drilled.
  - Relief well collector systems complete. Deflection testing remains.
  - Piezometer installation complete. Transducers yet to be installed.
  - Clay Cap and Random Fill work will begin as soon as the weather breaks.
  - Sluice Gate rehabilitation continues and construction of pump station.

4

## Construction Status



- BP #06 – *PDP/FL Seepage Improvements*
  - Relief well drilling continues. Fifty-four of 67 RWs have been drilled.
  - Piezometer installation continues - 15 of 16 PZs complete.
  - Sluice Gate rehabilitation/replacement complete.
  - Lining of the triple 84" culverts at Palmer Creek Pump Station complete.
  - Relief well collector system – 35% Complete
  - Seepage Berms – 81% Complete
  - Clay Caps – 59 % Complete
  - Production on seepage berms and clay caps is progressing as weather allows.
  
- BP #7A – *Shallow Cut Off Wall*
  - Levee backfill/clay cap has resumed and is progressing as weather allows.
  
- BP #7B – *Deep Cut Off Wall*
  - Pre-Bid meeting held 01 April 15.
  - Bids are due 06 May 15.

5

## Bid Package 2B



Pre-Final Inspections held at each site with representatives from the levee districts, AMEC, the Contractor, and USACE.



6

**Bid Package 03**



**Blanket Drain 5 Nearing Completion**



**Bid Package 04**



**Site 09 Structure and Electrical Work Complete**





**Bid Package 05**



**Relief Well Drilling Nearing Completion**



**Bid Package 06**



**Relief Well Collector System**

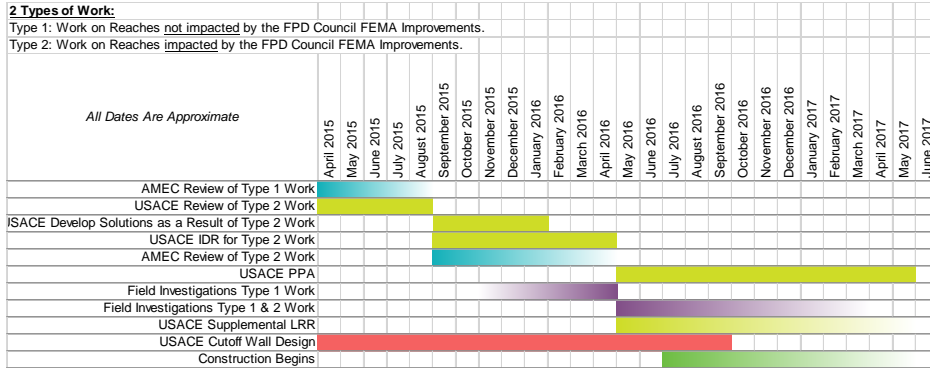


Clay Cap work



Questions?

# Authorized Level Design Schedule Outlook





# SWIL Project Management Process

Project Labor Agreements (PLAs) and Tripartite Approach Model  
for

Construction Project Management Success



Independent Applied Research  
Conducted by  
Ronda Sauget, D.Mgt, MBA - Webster University  
Marv Finkelstein, Ph.D. - Southern Illinois University Edwardsville

February 2015  
Southwestern Illinois



## Business Perspective

Project Management Lessons Learned

- On-Time meets Business Objectives
  - No work stoppages
  - Jurisdictional disputes resolved quickly
- Within Budget meets Financial Objectives
  - Innovation, Flexibility, and Cost Efficiencies
  - Lower lost time
- Teamwork enhances Productivity
  - Cooperative Agreements
  - Positive Work Environment
  - Higher Productivity with Lower Rework and Improved Quality
  - Excellent Safety Records
- Trust and Integrity achieves Strategic Management Mission, Vision, and Objectives
  - Open Communications – Informed and Committed Stakeholders
  - Relaxed Titles with all Key Stakeholders at the Table
  - Accountability, Responsibility, Integrity, and Ownership

## PURPOSE

- To provide a framework for understanding the historical context of labor management cooperation and collaboration in SWIL
- To empirically document six business cases in the construction industry over the past decade which focus on PLAs and the Tripartite approach/model

## SWIL LABOR MANAGEMENT COMMITTEE HISTORY

### LMC

- Established 1983 – One of the oldest labor management committee in the US
- Legacy of adversarial and contentious relations plagued the region for decades
- Emergence of global economy meant American Industry could no longer afford in-fighting and antagonistic labor management relations

### LMC voluntary group consisting of both labor and management representatives

- Open lines of communication and share information
- Address crucial issues promptly
- Promote positive work and construction atmosphere
- Promote awareness, respect, and mutual trust
- Focus on common interests: workforce training and preparedness, safety, quality and cost effectiveness

### New Era of Cooperation and Collaboration – 30 years in development!

SWIL Project Management Process (PLAs and Tripartite Approach Model)

# SWIL Project Management Process

## PLAs and Tripartite Approach Model

### Project Management Agreements (i.e., PLAs) - 527

- Established in the 1930's and used all over the State of Illinois on a wide variety of public & private projects as well as throughout the US providing a level playing field
- Created jointly prepared preplanned framework for labor and management that specify the terms and conditions for a particular project – fair wages and agreeable working conditions
- Designed to provide pre-job planning to improve a project's organization and operational activities
- Both union and non-union employees and construction companies abide
- Strikes, work stoppages, job actions, or lockouts of any kind are prohibited
- Jurisdictional disputes resolved quickly
- Project-based agreement – not all PLAs created the same

### Key Stakeholder Engagement (i.e., Tripartite Approach/Model)

- Creates regular, monthly meetings with all key stakeholders – owners, contractors, and labor representatives
- Relaxes titles and everyone at the same table
- Opens lines of communication and share information
- Addresses crucial issues promptly
- Promotes positive work and construction atmosphere
- Establishes highest levels of workforce training and preparedness, safety, and quality
- Promotes awareness, respect, and mutual trust
- Focuses on cost effectiveness, high productivity, and reduced project rework

## Six Business Case Studies

Construction Case Study Projects	Prime Contractor(s)	Project Investment	Site Work Hours Completed	Labor Force
Prairie State Generating Company	Bechtel Power Corp.	\$4+ Billion Dollars	24 Million Site Work Hours	Over 4,000 Skilled Labor
Phillips 66 Refinery	Bechtel Oil, Gas, & Chemicals, Inc. Cherne Contracting Corp URS (Washington Division) Fluor Daniel Illinois, Inc.	\$3.8 Billion Dollars	22 Million Site Work Hours	Over 4,600 Skilled Labor
Abengoa BioEngery Company Ethanol Plant	Alberici Constructors	\$74 Million Dollars	700,000 Site Work Hours	Over 800 Skilled Labor
Edwardsville School District	Multiple Contractors over 8 projects managed by Superintendent directly	\$68 Million Dollars	N/A	Hundreds of Skilled Labor Worked on Multiple Projects
SIUE Success Center Project	Bruce Unterbrink Construction	\$11 Million Dollars	Approx. 99,000 Site Work Hours	Approx. 100 Skilled Labor
West Washington School District	Holland Construction Services	\$29 Million Dollars	165,798 Site Work Hours	Over 100 Skilled Labor

## Phillips 66



### Private Investment

- \$3.8B Mega Project
- Over 4,600 Skilled Labor
- 22 M Site Work Hours
  - Bechtel Oil, Gas, & Chemicals, Inc.
  - Cherne Contracting Corp.
  - URS (Washington Division)
  - Fluor Daniel Illinois, Inc.
  - Regional and Local Contractors



## Prairie State Generating Company



### Private/Public Investment

- \$4+ Billion Project
- Over 4,000 Skilled Labor
- 24 M Site Work Hours
  - Bechtel Power Co.
  - Regional and Local Contractors





## The Edwardsville School District



### Public Investment

- \$68M Dollars
- Hundreds of Skilled Labor
- Multiple Projects and Contractors
- Transparency and accountability with all stakeholder groups
- Building Trust and Integrity



## SWIL Building Trades Council Dale Stewart, Executive Secretary



### PLAs and Tripartite Approach/Model

- Hundreds of public & private construction projects
- Billions of dollars new investment
- Thousands of skilled labor
- Millions of site work hours
- All size projects
- National/Regional/Local Contractors
- Bringing Stakeholders Together



**Building America!**

## Key Research Findings

### This model works!

- Model resulted in significant cost savings, improved quality, greater productivity, and higher levels of safety

- Produces both short-term and long term cost savings

- No evidence to suggest that PLAs contribute to higher costs and reduced competition

- All six projects were completed on-time and within budget

- Cooperative agreements can increase communication, trust, respect, and collaboration among all parties, and encourage swift problems solving, innovation, and flexibility

- Positive results may be attributed to an informed and committed labor management leadership who were able to successfully resist an adversarial past to learn, create, and maintain strong cooperative relationships

- Future success hinges on workforce and leadership awareness of cooperative agreements and practices

## Q & A

### Questions?

## Metro East Projects, IL

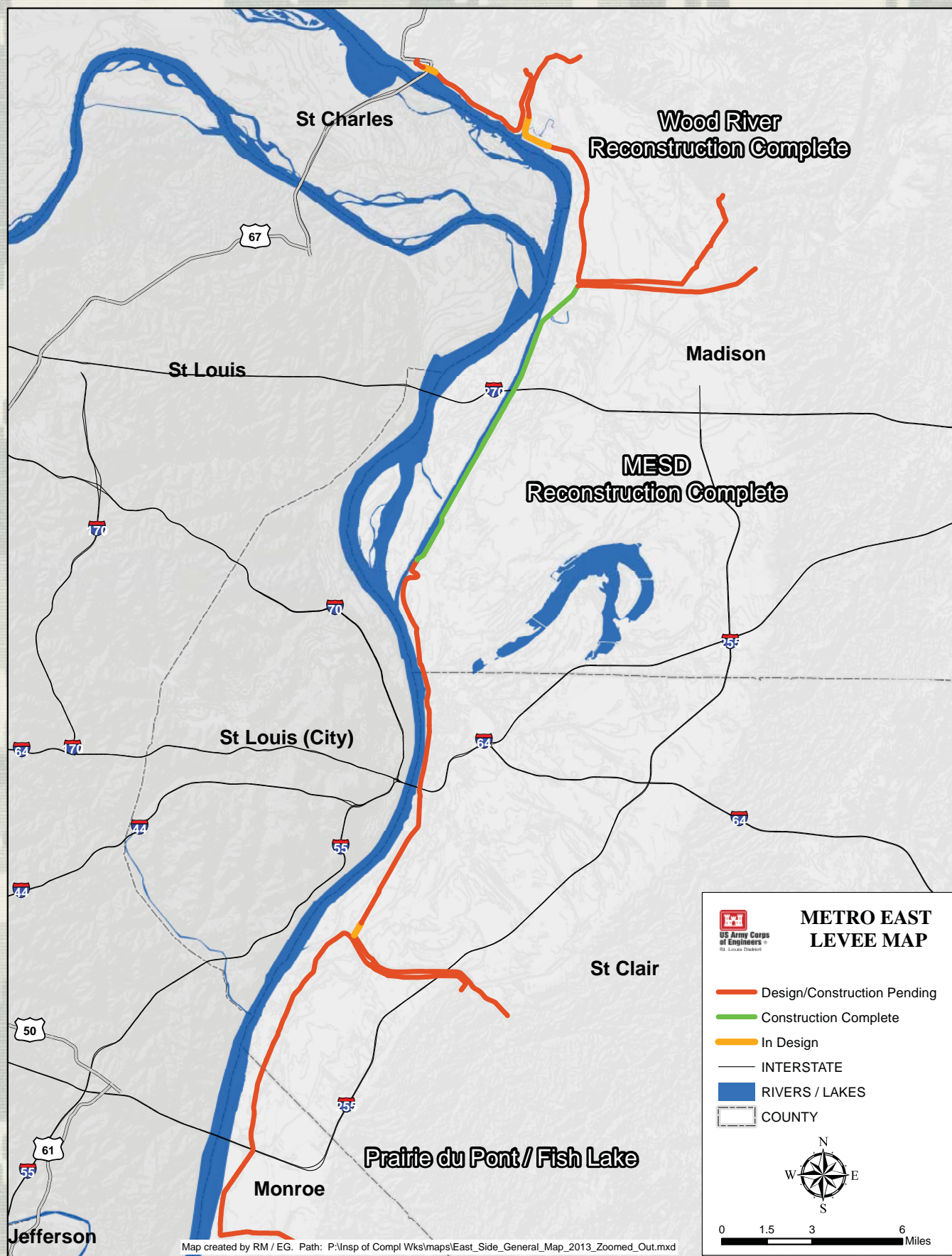
### PROJECT STATUS

- Current Efforts
  - Wood River and ESTL Reconstruction projects
  - Wood River Upper - ready to advertise contract pending sponsor cost share funds
  - Wood River Lower and ESTL cutoff walls – evaluating impact of recent FPD construction
  - Working with AMEC on development of implementation plan for FPD authorized level of protection
- Funding
  - Carryover Funds
  - Ability to utilize existing funds impacts future FY budgets
  - Adequate Federal funds are available to award Upper WR shallow cutoff wall using LPTA w/ voluntary PLA and contribution of sponsor funds. Upper cutoff wall construction will complete the federal project in Upper WR.
  - Additional design deficiency projects can be initiated
- WR Upper LSER/COR certification information
  - LSER - AMEC trying to meet the May 2015 schedule
  - COR – Waiting on letter request from AMEC
- Work-in-Kind Credit
  - Implementation Guidance
  - Integral Determination Report (IDR)
  - Amend Project Partnership Agreements



**BUILDING STRONG®**

U.S. Army Corps of Engineers  
**Metro East Levee System**



Metro East Levee System Cost Summary

	Wood River	Mel Price Segment Wood River	East St. Louis (MESD)	Chain of Rocks	Prairie du Pont/ Fish Lake	TOTAL
Total Project Cost	\$96,775,000	\$34,000,000	\$212,935,000	\$60,131,000	\$53,167,000	\$457,008,000
Federal Share	\$63,281,000	\$34,000,000	\$129,145,000	\$60,131,000	\$34,779,000	\$321,336,000
Non-Federal Share	\$33,494,000	\$0	\$83,790,000	\$0	\$18,388,000	\$135,672,000
Total Federal Allocation	\$30,767,000	\$12,395,000	\$48,467,000	\$60,315,000	\$2,175,000	\$154,119,000
Balance to Complete	\$32,514,000	\$21,605,000	\$80,678,000	\$0	\$32,604,000	\$167,401,000

The Metro East Levee System consists of five levee projects located in Madison, St. Clair and Monroe Counties in Illinois. The levees included are:

**Wood River Levee, Chain of Rocks Levee, Metro East Sanitary District, Prairie du Pont and Fish Lake Levees.**

The total length of the levees is 75.8 miles. Combined, the Metro East Levee projects protects **111,700 acres, 288,000 residents and employees, and \$7.2 billion in property and critical infrastructure.**

The levees were authorized to a height equal to 54 feet on the St. Louis gage. The Metro East Levees do not have a height issue. They are at the authorized height.

**Underseepage is the major issue with this system.**

Sandboils have developed along the levees, indicative of significant underseepage problems, which increases risk of failure. The Corps is addressing this problem through rehabilitation of the levees and correction of design deficiencies.

**The safety of the residents living and working behind the Metro East Levee System is the U.S. Army Corps of Engineers' top priority.**

Rehabilitation construction will be complete in FY 15 on the Metro East Levee System and includes:

- 57 closure structures
- 618 relief wells
- 99 gravity drains (gatewells)
- 16,000 feet of floodwall
- 35,085 linear ft. of seepage berms
- 20 closure structure
- 40 pump stations



**US Army Corps of Engineers**  
 St. Louis District



Memo to: Board of Directors  
From: Chuck Etwert  
Subject: Program Status Report for May 2015  
Date: May 18, 2015

Husch Blackwell continues to work with the attorneys for Union Pacific, we are in the process of executing Union Pacific's forty page Stormwater Drainage Improvements Construction & Maintenance Agreement and should have the remaining easements needed for the BP #3 construction project any day now. This will complete the easement obtainment process for the 100-Year Level of Protection Projects.

Approximately 69% of the \$46.9 million of construction, involved in the eight current construction bid packages (not including BP 7B), has been completed thru April. With 2.4 million dollars' worth of construction completed in April, the total amount of construction completed is now \$32.6 million.

We have one change order on this month's agenda, involving Bid Package #6. Amec Foster Wheeler will be explaining the order at the meeting.

AMEC Foster Wheeler and I continue to meet bi-weekly with the Corps of Engineers regarding the process of the Council moving ahead with 500-year level of protection projects and ensuring that work the Council does is eligible for future Work In-Kind Credit.

On May 6th, there was a bid opening for the re-bid of Bid Package 7B – Wood River Lower Cutoff Wall Project. Two bids were received with both bids being within five percent of the engineer's estimate. Amec Foster Wheeler will be explaining the results and their recommendation.

On May 8th, I gave a project overview presentation to the Illinois Society of Professional Engineers at the Seventh Annual Metro East Mini Conference. A majority of the attendees indicated that they were familiar with the Council's project.

Mr. Jeff White of Columbia Capital Management will be at this month's meeting to discuss bond financing scheduling.

I mentioned in March that Senator Durbin had met with the Secretary of the Army and the Army Chief of Staff regarding the Corps' rejection of mandating Project Labor Agreements (PLAs). The Senator's office indicated to me last week that they expect to receive a response from the Corps in the very near future reflecting the results of a new review of the issue by Army Logistics.

There will be an executive session on litigation at the end of the meeting.

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 2015**

---

AMEC FOSTER WHEELER Project No. 563170001  
Period Ending Date: May 8, 2015

*Date of Issue: May 15, 2015*

# Table of Contents

<b>1. OVERVIEW .....</b>	<b>4</b>
1.1 PROJECT DESCRIPTION .....	4
1.2 AMEC FOSTER WHEELER SCOPE .....	4
1.3 KEY CONTACTS / PEOPLE .....	4
<b>2. HEALTH, SAFETY, SECURITY, ENVIRONMENT (HSSE) .....</b>	<b>5</b>
2.1 HSSE REPORTS .....	5
<b>3. PROJECT STATUS UPDATE .....</b>	<b>6</b>
3.1 BID PACKAGE 2A .....	6
3.1.1 Calendar .....	6
3.1.2 Progress .....	6
3.1.3 Property Acquisition.....	6
3.1.4 Levee Board Considerations .....	6
3.1.5 Submittals .....	6
3.1.6 Change Orders .....	6
3.1.7 Field Activities and Look Ahead .....	6
3.1.8 QC/QA Activities .....	6
3.1.9 Considerations .....	6
3.1.10 Payment Progress.....	6
3.2 BID PACKAGE 2B .....	7
3.2.1 Calendar .....	7
3.2.2 Progress .....	7
3.2.3 Property Acquisition – All property is acquired.....	7
3.2.4 Levee Board Considerations – None .....	7
3.2.5 Submittals .....	7
3.2.6 Change Orders – See Change Order Log attached .....	7
3.2.7 Field Activities and Look Ahead .....	7
3.2.8 QC/QA Activities .....	7
3.2.9 Considerations .....	7
3.2.10 Payment Progress.....	7
3.3 BID PACKAGE 2C .....	8
3.3.1 Calendar .....	8
3.3.2 Progress .....	8
3.3.3 Property Acquisition.....	8
3.3.4 Levee Board Considerations .....	8
3.3.5 Submittals .....	8
3.3.6 Change Orders .....	8
3.3.7 Field Activities and Look Ahead .....	8
3.3.8 QC/QA Activities .....	8
3.3.9 Considerations .....	8
3.3.10 Payment Progress.....	8
3.4 BID PACKAGE 3.....	9
3.4.1 Calendar .....	9
3.4.2 Progress .....	9
3.4.3 Property Acquisition.....	9
3.4.4 Levee Board Considerations .....	10
3.4.5 Submittals .....	10
3.4.6 Change Orders .....	10
3.4.7 Field Activities and Look Ahead .....	10
3.4.8 QC/QA Activities .....	10
3.4.9 Considerations .....	10
3.4.10 Payment Progress.....	10
3.5 BID PACKAGE 4.....	11
3.5.1 Calendar .....	11
3.5.2 Progress .....	11
3.5.3 Property Acquisition – All property is acquired.....	11



3.5.4	Levee Board Considerations .....	11
3.5.5	Submittals – on-going .....	11
3.5.6	Change Orders .....	11
3.5.7	Field Activities and Look Ahead .....	11
3.5.8	QC/QA Activities .....	11
3.5.9	Considerations .....	11
3.5.10	Payment Progress .....	11
3.6	BID PACKAGE 5 .....	12
3.6.1	Calendar .....	12
3.6.2	Progress .....	12
3.6.3	Property Acquisition .....	12
3.6.4	Levee Board Considerations .....	12
3.6.5	Submittals .....	12
3.6.6	Change Orders .....	12
3.6.7	Field Activities and Look Ahead .....	12
3.6.8	QC/QA Activities .....	12
3.6.9	Considerations .....	12
3.6.10	Payment Progress .....	12
3.7	BID PACKAGE 6 .....	13
3.7.1	Calendar .....	13
3.7.2	Progress .....	13
3.7.3	Property Acquisition .....	13
3.7.4	Levee Board Considerations - None .....	13
3.7.5	Submittals – on-going .....	13
3.7.6	Change Orders – See Change Order Log attached .....	13
3.7.7	Field Activities and Look Ahead – See table above .....	13
3.7.8	QC/QA Activities - ABNA is testing material; Geotechnology performing QA testing .....	13
3.7.9	Considerations - None .....	13
3.7.10	Payment Progress - See Contract Invoice Log attached .....	13
3.8	BID PACKAGE 7A .....	14
3.8.1	Calendar .....	14
3.8.2	Progress .....	14
3.8.3	Property Acquisition – Not applicable .....	14
3.8.4	Levee Board Considerations - None .....	14
3.8.5	Submittals – on-going .....	14
3.8.6	Change Orders - None .....	14
3.8.7	Field Activities and Look Ahead .....	14
3.8.8	QC/QA Activities – on-going .....	14
3.8.9	Considerations - None .....	14
3.8.10	Payment Progress – See Contract Invoice Log attached .....	14
3.9	BID PACKAGE 7B .....	15
3.9.1	Calendar .....	15
3.9.2	Progress .....	15
•	Project out for bid. Bids are due May 6, 2015. Two bids received. Contract to be awarded .....	15
3.9.3	Property Acquisition .....	15
3.9.4	Levee Board Considerations .....	15
3.9.5	Submittals – Once contract is signed .....	15
3.9.6	Change Orders - None .....	15
3.9.7	Field Activities and Look Ahead .....	15
3.9.8	QC/QA Activities .....	15
3.9.9	Considerations .....	15
3.9.10	Payment Progress .....	15

# 1. OVERVIEW

## 1.1 Project Description

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

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

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

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

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

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

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

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

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

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

## 1.2 Amec Foster Wheeler Scope

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

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

## 1.3 Key Contacts / People

Program Manager	Jay Martin, PE, 615.333.0630 <a href="mailto:jay.w.martin@amecfw.com">jay.w.martin@amecfw.com</a>
Project Manager	Jon Omvig, AICP, 636.200.5118 <a href="mailto:jon.omvig@amecfw.com">jon.omvig@amecfw.com</a>
Resident Engineer	Jim Solari, PE, 314.478-9287 <a href="mailto:james.solari@amecfw.com">james.solari@amecfw.com</a>
Construction QA Manager	Kevin Williams, 618.401.7226 <a href="mailto:kevin.m.williams@amecfw.com">kevin.m.williams@amecfw.com</a>
Project Coordinator	Kendra Mitchom, 618.346.9120 <a href="mailto:kendra.mitchom@amecfw.com">kendra.mitchom@amecfw.com</a>

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

2.1 HSSE Reports

<b>Health/Safety</b>
<p>The Contractors continue to conduct daily toolbox safety talks.</p> <p>Amec Foster Wheeler continues to conduct monthly safety meetings with the contractors every third Tuesday.</p>
<b>Security</b>
<p>No issues during this reporting period.</p>
<b>Environment (SWPPP)</b>
<p>An Amec Foster Wheeler environmental representative is inspecting the dewatering efforts on a weekly basis.</p>

### 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

- Pump Station 1 construction contractor is complete.

##### 3.1.3 Property Acquisition

- The construction portion of the project is complete.

##### 3.1.4 Levee Board Considerations

- None

##### 3.1.5 Submittals

- Amec Foster Wheeler to provide additional information to the O&M manuals.

##### 3.1.6 Change Orders

- See Change Order Log attached.

##### 3.1.7 Field Activities and Look Ahead

- The construction portion of the project is complete.

##### 3.1.8 QC/QA Activities

- The construction portion of the project is complete.

##### 3.1.9 Considerations

- The project is complete.

##### 3.1.10 Payment Progress

- See Contract Invoice Log attached. The project is complete and the retainage is released.

## 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	February 24, 2014
Anticipated completion date	<i>April 15, 2015 (Contract Completion Date)</i>
Final Walk Through	April 15, 2015 (not complete, continuing punch list items)
Final Acceptance	

### 3.2.2 Progress

ID	Description	Target	Actual	Comments
A	Construct Site 10 Pump Station	April 2015	99%	The construction portion of the project is complete. Close-out paperwork being processed.
B	Construct Site 16 Pump Station	April 2015	99%	The construction portion of the project is complete. Close-out paperwork being processed.
C	Construct Site 5 Pump Station	April 2015	99%	The construction portion of the project is complete. Close-out paperwork being processed.
D	Construct Site 12 Pump Station	April 2015	99%	The construction portion of the project is complete. Close-out paperwork being processed.
E	Construct Site 15 Pump Station	April 2015	99%	The construction portion of the project is complete. Close-out paperwork being processed.

3.2.3 Property Acquisition – All property is acquired.

3.2.4 Levee Board Considerations – None

3.2.5 Submittals

- Final project closeout submittals to be submitted. Amec Foster Wheeler to provide additional information to the O&M manuals.

3.2.6 Change Orders – See Change Order Log attached.

- Modification to construct guardrail at Site 12 remains.

3.2.7 Field Activities and Look Ahead

- Contractor working on a few minor punch list items.
- Turf establishment is in progress.

3.2.8 QC/QA Activities

- The construction is complete.

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	
Anticipated start of field activities	
Start of field activities	
Anticipated completion date	<i>December 15, 2015 (Contract Completion Date)</i>
Final Walk Through	
Final Acceptance	

#### 3.3.2 Progress

1. The contract was executed on February 9, 2015.
2. The Notice-to-Proceed was issued on March 5, 2015

#### 3.3.3 Property Acquisition

- All property is acquired.

#### 3.3.4 Levee Board Considerations

- None

#### 3.3.5 Submittals

- AMEC reviewing submittals.

#### 3.3.6 Change Orders

- None

#### 3.3.7 Field Activities and Look Ahead

- None until October 15, 2015 per 408 permit.

#### 3.3.8 QC/QA Activities

- None

#### 3.3.9 Considerations

- None

#### 3.3.10 Payment Progress

- None

### 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	Various field activities have started
Start of field activities	
Anticipated completion date	<i>This completion date is delayed due to design modifications and RR land acquisition.</i>
Final Walk Through	
Final Acceptance	

#### 3.4.2 Progress

Description	Target	Actual	Comments
Blanket Drain 6, Seepage Berms 1-4, and random fill areas 1 & 2.			Critical Delay – Railroad Land acquisition delays these tasks.
Blanket Drain 2	July 2015	5%	Approved by the board in late February. Material delivery will finish this week and work to begin once weather breaks.
Blanket Drain 4			Critical Delay - Amec Foster Wheeler Engineering revising the scope of work.
Piezometers	June 2015	72%	Piezometer installation continues (39 out of 51 installed)
Relief Wells	June 2015	8%	Contractor installing relief wells. (8 of 85 have been installed). Contractor is working 7 days a week, weather dependent.
Blanket Drain 3 construction and Weir 1	May 2015	95%	Substantial Completion on May 13, 2015.
Blanket Drain 5 construction	May 2015	95%	Substantial Completion on May 13, 2015.
Hawthorne RW to east side of ditch (CO 9)	Contractor evaluating utility conflicts	5 %	Change order processed

#### 3.4.3 Property Acquisition

- A partial NTP was issued March 13, 2014 and rejected by the Contractor. All land acquisition has been obtained except for the MOPAC / UP railroad parcels which encompass 6 sites. Due to recent land acquisition, an additional partial NTP was issued January 14, 2015.

#### 3.4.4 Levee Board Considerations

- Critical Delay: The slow progress of land acquisition has critically affected the levee certification schedule. The project is scheduled to take 7 months (weather dependent) to complete once the railroad land acquisition is obtained. The delayed railroad acquisition affects: Blanket Drain 6, Seepage Berms 1-4 and Random Fill areas 1&2.
- The temporary construction easements have expired and are being renegotiated.
- Design changes at Blanket Drains 4 are forthcoming. Construction costs and schedule will be affected.

#### 3.4.5 Submittals

- Submittal process ongoing.

#### 3.4.6 Change Orders

- Major Upcoming Change Orders:
  - Modifications to Blanket Drain 4. Contractor to provide schedule for completion once the modifications have been approved.
  - Modifications dependent on RR land acquisition (Contractor to provide schedule for completion once the modifications have been approved):
    - Modifications to Blanked Drain 6
    - Random Fill areas 1 & 2
    - Seepage Berms 1-4
- See Change Order Log attached.

#### 3.4.7 Field Activities and Look Ahead

- Land acquisition still impacting full mobilization; Current contract completion date of September 1, 2014 cannot be met due to land acquisition delays.
- See above table

#### 3.4.8 QC/QA Activities

None at this time.

#### 3.4.9 Considerations

- Critical Delay: Current contract completion date cannot be met due to land acquisition delays. Work is expected to take seven months. A time extension is expected once work can begin. Property acquisition has been critical and is affecting the Bid Package 03 project schedule and overall levee improvements project and certification schedule.

#### 3.4.10 Payment Progress

- See Contract Invoice Log attached.



### 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	<i>June 30, 2015 (Contract Completion Date)</i>
Final Walk Through	
Final Acceptance	

#### 3.5.2 Progress

ID	Description	Target	Actual	Comments
A	Earthwork	June 2015	10%	No earthwork has been performed. Contractor due to weather.
B	Relief Wells (new and converted)			Relief Wells and manholes complete.
C	Site 09 Intake Structure	June	95%	Misc. work in pump station. Awaiting Ameren.
D	RW collector system			The 24 inch diameter pipe did not pass the deflection or the mandrel tests. Contractor submitted RFI.
E	Clay cap	June 2015	0%	Clay cap work delayed until weather permits.
F	Force Main	May 2015		Ductile Iron Force Mains complete. Backfill ongoing.

3.5.3 Property Acquisition – All property is 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

- See table above

3.5.8 QC/QA Activities

- No current material testing needs.

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	<i>September 30, 2015 (Contract Completion Date)</i>
Final Walk Through	
Final Acceptance	

#### 3.6.2 Progress

ID	Description	Target	Actual	Comments
A	Relief Wells and Piezometers		93%	Relief Well and Piezometer work complete. Transducers to be installed in the Piezometers.
B	Earthwork	Sept 2015	15%	Clay Cap work delayed until weather permits.
C	RW collector system			Portions of the collector pipe did not pass the deflection or the mandrel tests. Contractor submitted RFI.
D	Sluice Gate rehabilitation at MoPac and 408PS in progress.			

#### 3.6.3 Property Acquisition

- All property is acquired.

#### 3.6.4 Levee Board Considerations

- Keller is in the process of obtaining the 150,000 cubic yard clay source.

#### 3.6.5 Submittals

- Submittal process underway.

#### 3.6.6 Change Orders

- See Change Order Log attached.

#### 3.6.7 Field Activities and Look Ahead

- See above table

#### 3.6.8 QC/QA Activities

- Juneau/SCI on site for QC testing as needed.

#### 3.6.9 Considerations

- None other than previously mentioned.

#### 3.6.10 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>September 30, 2015 (Contract Completion Date)</i>
Final Walk Through	
Final Acceptance	

#### 3.7.2 Progress

ID	Description	Target	Actual	Comments
	Seepage Berms	July 2014	89%	Work continues.
	Clay Caps	July 2015	59%	Clay Cap work has begun. Clay is being stockpiled on slopes. Clay Cap construction will be delayed until Summer 2015
	Relief Wells and Piezometers	June 2014	80%	Relief well drilling continues. 64 of 67 RWs have been drilled. 15 of 16 PZs are complete.
	Pipe Conveyance	October 2014	35%	Moniger installing piping.
	Lining of the triple 84" culverts at Palmer Creek Pump Station will resume upon completion of sluice gate rehabilitations	April 2015	99%	Complete

#### 3.7.3 Property Acquisition

- All property is acquired.

#### 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 – See table above

#### 3.7.8 QC/QA Activities - ABNA is testing material; Geotechnology performing QA testing

#### 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	<i>June 26, 2015 (contract completion date)</i>
Final Walk Through	
Final Acceptance	

#### 3.8.2 Progress

Description	Target	Actual	Comments
Clay Cap	June 2015		Clay, topsoil and seed placed. Substantial Completion to be scheduled shortly.

3.8.3 Property Acquisition – Not applicable

3.8.4 Levee Board Considerations - None

3.8.5 Submittals – on-going

3.8.6 Change Orders - None

3.8.7 Field Activities and Look Ahead

- Notice of Award issued September 9, 2014
- Contract Executed September 17, 2014
- Notice to Proceed issued September 22, 2014
- Work began onsite on October 6, 2014 – Site clearing, removal of asphalt pavement, etc.
- Complete work platform and lower portion of clay cap below finished grade.
- SAR Team site visit for initial wall construction, addressed comments in their report.
- Initial quality Control testing results exceeding minimum permeability requirements by two orders of magnitude.
- Geo-Solutions finished the Slurry Wall construction.
- See above table.

3.8.8 QC/QA Activities – on-going

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	
Anticipated start of field activities	
Start of field activities	
Anticipated completion date	
Final Walk Through	
Final Acceptance	

#### 3.9.2 Progress

- Project out for bid. Bids are due May 6, 2015. Two bids received. Contract to be awarded.

#### 3.9.3 Property Acquisition

#### 3.9.4 Levee Board Considerations

#### 3.9.5 Submittals – Once contract is signed.

#### 3.9.6 Change Orders - None

#### 3.9.7 Field Activities and Look Ahead

#### 3.9.8 QC/QA Activities

#### 3.9.9 Considerations

#### 3.9.10 Payment Progress - None

**CONTRACT INVOICE LOG**

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

**Project:** SWILCD  
**Construction Package:** BP2A

**Original Contract Amount:** \$747,500.00  
**Change Order #1:** \$2,245.00      Limatorque 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  
**Total Change Order Amount:** \$156,805.92  
**Total Revised Contract Amount:** \$4,022,210.92

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	<a href="#">2/18/2014</a>	\$3,818,830.00
2	3/6/2014	3/13/2014	\$132,450.00	\$13,245.00	\$119,205.00	\$72,630.00	<a href="#">3/25/2014</a>	\$3,746,634.00
3	3/31/2014	4/15/2014	\$504,300.00	\$50,430.00	\$453,870.00	\$334,665.00	<a href="#">4/22/2014</a>	\$3,419,934.00
4	4/30/2014	5/13/2014	\$846,000.00	\$84,600.00	\$761,400.00	\$307,530.00	<a href="#">5/22/2014</a>	\$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	<a href="#">6/19/2014</a>	\$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	<a href="#">7/17/2014</a>	\$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	<a href="#">8/19/2014</a>	\$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	<a href="#">9/15/2014</a>	\$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	<a href="#">10/16/2014</a>	\$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	<a href="#">11/18/2014</a>	\$787,058.00
11	11/30/2014	12/12/2014	\$3,648,600.00	\$282,764.00	\$3,365,836.00	\$215,160.00	<a href="#">12/18/2014</a>	\$646,098.00
12	12/31/2014	1/12/2015	\$3,840,000.00	\$292,334.00	\$3,547,666.00	\$181,830.00	<a href="#">1/26/2015</a>	\$464,268.00
13	1/31/2015	2/9/2015	\$3,897,320.00	\$295,200.00	\$3,602,120.00	\$54,454.00	<a href="#">2/18/2015</a>	\$409,814.00
14	2/28/2015	3/10/2015	\$3,968,238.00	\$298,710.00	\$3,669,528.00	\$67,408.00	<a href="#">3/19/2015</a>	\$342,406.00
15	3/31/2015	4/10/2015	\$4,011,934.00	\$200,596.00	\$3,811,338.00	\$141,810.00	<a href="#">4/16/2015</a>	\$200,596.00
16	4/30/2015	5/12/2015	\$4,011,934.00	\$10,000.00	\$4,001,934.00	\$190,596.00		\$20,276.92



**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
<b>Total of Project Change Orders</b>			<b>\$148,235.92</b>	<b>\$8,570.00</b>						<b>Total</b>	<b>\$ 156,805.92</b>
<b>Original Contract Amount</b>			<b>Revised Contract Amount</b>		<b>% Change from Original Amount</b>						
<b>\$3,865,405.00</b>			<b>4,022,210.92</b>		<b>4.06%</b>						

Approved

\*Board approval required

**CONTRACT INVOICE LOG**

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

**Project:** SWILCD  
**Construction Package:** BP2C

**Original Contract Amount:** \$281,632.00  
**Change Order #1:**  
**Change Order #2:**  
**Change Order #3:**  
**Total Change Order Amount:** \$0.00  
**Total Revised Contract Amount:** \$281,632.00

Payment Request No.	Pay Request Date	Pay Request Recommended Approval Date	Total Completed to Date (\$)	Amount Retained (10% to 50%) then (5% to 95%)	Total Earned Less Retained (\$)	Amount Invoiced (\$)	Date Paid by FPD	Estimate to Complete Including Retainage (\$)

**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											
<b>Total of Project Change Orders</b>			<b>\$0.00</b>	<b>\$0.00</b>						<b>Total</b>	<b>\$ -</b>
<b>Original Contract Amount</b>			<b>281,632.00</b>	<b>% Change from Original Amount</b>							
<b>\$281,632.00</b>			<b>281,632.00</b>	<b>0.00%</b>							

Approved

\*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
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	\$558,066.80	\$0.00	3.02 3.04 3.06 3.07 3.29 3.32 3.02 3.09 3.16 3.23 3.25 3.26 3.29 3.36 3.37	\$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				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.
	Relief Well Construction Obstruction Budget	Other	\$500,000.00	\$0.00	3.38 3.39	\$3,507,071.90	14.26%	4.96%	3/18/2015	Budget Approved	RW Construction Obstruction due to Cobble Layer; Board approval required; 3/18/15 Board approved budget; to process change orders as needed

**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
	Time Extension	Other								Pending	Anticipated change order to extend contract time due to land acquisition impact on construction
<b>Total of Project Change Orders</b>			<b>\$1,460,895.39</b>	<b>\$0.00</b>						<b>Total</b>	<b>\$ 1,460,895.39</b>

Original Contract Amount Revised Contract Amount % Change from Original Amount  
**\$10,082,345.00** 11,543,240.39 14.49%

\*Board approval required

### CONTRACT INVOICE LOG

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

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

<b>Original Contract Amount:</b>	\$3,190,232.45	
<b>Change Order #1:</b>	\$8,196.30	Flyght Pump & Locking Sewer Lids per MESD
<b>Change Order #2:</b>	\$949.90	Fence Polycarbonate
<b>Change Order #3:</b>	\$10,488.00	Fence Grounding per Ameren
<b>Change Order #4:</b>	\$1,533.00	2 Additional Posts in Concrete per Phillips 66 Request
<b>Change Order #5:</b>	\$2,127.35	Time and material for new fence grounding
<b>Change Order #6:</b>	\$2,402.40	Per MESD Request
<b>Change Order #7:</b>	\$0.00	Contract Time Extension
<b>Change Order #8:</b>	\$1,656.00	2" Well Point SS Pipe
<b>Change Order #9:</b>	\$54,680.20	Site 9 Electrical Changes
<b>Change Order #10:</b>	\$35,602.21	Work Stoppage due to Soil Testing
<b>Change Order #11:</b>	\$80,046.18	Relief Well Construction Obstruction due to Cobble
<b>Change Order #12:</b>	\$0.00	Contract Time Extension to June 30, 2015
<b>Change Order #13:</b>	\$8,981.67	Relief Well 141XB Re-Design
<b>Change Order #14:</b>	\$948.75	Offset Oufall Line of RW 153X
<b>Total Change Order Amount:</b>	\$207,611.96	
<b>Total Revised Contract Amount:</b>	<b>\$3,397,844.41</b>	

Payment Request No.	Pay Request Date	Pay Request Recommended Approval Date	Total Completed to Date (\$)	Amount Retained (10% to 50%) then (5% to 95%)	Total Earned Less Retained (\$)	Amount Invoiced (\$)	Date Paid by FPD	Estimate to Complete Including Retainage (\$)
1	4/11/2014	4/15/2014	\$259,243.33	\$25,924.33	\$233,319.00	\$233,319.00	4/22/2014	\$2,965,109.75
2	6/11/2014	6/12/2014	\$269,731.33	\$26,973.13	\$242,758.20	\$9,439.20	6/19/2014	\$2,967,108.45
3	8/5/2014	8/11/2014	\$325,641.68	\$32,564.17	\$293,077.51	\$50,319.32	8/14/2014	\$2,920,449.49
4	10/1/2014	10/9/2014	\$970,413.05	\$97,041.31	\$873,371.75	\$580,294.24	10/13/2014	\$2,344,213.65
5	11/10/2014	11/11/2014	\$1,576,916.93	\$157,691.69	\$1,419,225.24	\$545,853.49	11/14/2014	\$1,798,360.16
6	12/9/2014	12/11/2014	\$1,805,617.83	\$180,561.78	\$1,625,056.05	\$205,830.81	12/18/2014	\$1,647,209.55
7	1/7/2015	1/13/2015	\$1,981,951.82	\$198,195.18	\$1,783,756.65	\$158,700.59	1/26/2015	\$1,488,508.95
8	1/31/2015	2/6/2015	\$2,353,390.85	\$235,339.09	\$2,118,051.77	\$334,295.13	2/13/2015	\$1,269,862.22
9	2/27/2015	3/9/2015	\$2,402,889.49	\$240,288.95	\$2,162,600.54	\$44,548.77	3/19/2015	\$1,225,313.45
10	3/31/2015	4/10/2015	\$2,512,569.69	\$251,256.97	\$2,261,312.72	\$98,712.18	4/16/2015	\$1,136,531.69
11	4/30/2015	5/12/2015	\$2,599,540.09	\$259,954.01	\$2,339,586.08	\$78,273.36		\$1,058,258.33

**TITLE: CONSTRUCTION CHANGE ORDER LOG**

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

**PROJECT NUMBER:** SIFPDC-BP04

Change Request Number	Description	Change Type (Field, Design, Spec, Other)	Cost to FPD	Cost to Others	As Bid Line Item #	Original Cost of Associated Line Item	% of Original Line Item	% of Original Contract	Date	Status	Comments
1	Flight Pump and Locking Sewer Lids	Other	\$0.00	\$8,196.30	4.27	\$ 222,500.00	3.68%	0.26%	3/11/2014	Approved	To be paid by MESD Levee District
2	PVC Fence Panel Fillers	Field	\$949.90	\$0.00	4.22	\$ 140,360.00	0.68%	0.03%	4/4/2014	Approved	To accommodate field condition
3	Furnish and Install Fence Grounding	Field	\$10,488.00	\$0.00	4.22	\$ 140,360.00	7.47%	0.33%	4/17/2014	Approved	Ameren required fence to be grounded; grounding to be every 200ft with 20ft ground rod
4	2 Additional Posts in Concrete per Phillips 66 Request	Field	\$1,533.00	\$0.00	4.22	\$ 140,360.00	1.09%	0.05%	6/17/2014	Approved	2 Additional posts per P66 request
5	Time and material for new fence grounding	Field	\$2,127.35	\$0.00	4.22	\$ 140,360.00	1.52%	0.07%	7/17/2014	Approved	Change order for additional grounding needed as requested by Phillips 66; Time and material
6	Razor Wire on Fence	Other	\$0.00	\$2,402.40	NA	NA	NA	0.08%	8/20/2014	Approved	Razor wire on fence at pump station per MESD Levee District request; to be paid by MESD Levee District
7	Time Extension Request for Fence Delay and High River	Other	\$0.00	\$0.00	NA	NA	NA	0.00%	8/27/2014	Approved	Contract time extension of 43 working days due to security fence approval delay and high river level days that impeded construction
8	Well Point Stainless Steel Pipe diameter change 1-1/4" to 2"	Field	\$1,656.00	\$0.00	4.16	\$ 878,900.00	0.19%	0.05%	9/15/2014	Approved	Well point stainless steel pipe diameter change from 1-1/4" to 2" to improve operability/constructability.
9*	Site 9 Electrical Changes	Other	\$54,680.20	\$0.00	4.28	\$ 222,500.00	24.58%	1.71%	11/19/2014	Approved	Ameren requires upgrades to the existing pump station at Site 9. Board approval required
10	Work stoppage for impacted soil	Other	\$35,602.21	\$0.00	NA	NA	NA	1.12%	1/8/2015	Approved	Work stopped to perform testing due to encountering hydrocarbon odor
11	RW Construction Obstruction	Field	\$80,046.18	\$0.00	4.16	\$ 878,900.00	9.11%	2.51%	1/15/2015	Approved	RW Construction Obstruction due to Cobble Layer during drilling
12	Contract Time Extension	Other	\$0.00	\$0.00	NA	NA	NA	0.00%	2/10/2015	Approved	Contract time extension to June 30, 2015
13	RW 141XB Re-design	Field	\$8,981.67	\$0.00	4.16	\$ 878,900.00	1.02%	0.28%	2/17/2015	Approved	60-slot RW re-design to 40-slot
14	Off-setting Outfall Line of RW 153X	Field	\$948.75	\$0.00	4.16	\$ 878,900.00	0.11%	0.03%	3/6/2015	Approved	Off-setting Outfall Line of RW 153X
15	Credit-Remove Vacuum Testing of Manholes	Other								pending	PCN approved to remove the requirements for ASTM C1244 Standard Test Method for Concrete Sewer
<b>Total of Project Change Orders</b>										<b>Total</b>	<b>\$ 207,611.96</b>

Original Contract Amount **\$3,190,232.45**      Revised Contract Amount **3,397,844.41**      % Change from Original Amount **6.51%**

\*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 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

**\$479,683.48**

**Total of Project Change Orders**  
 Original Contract Amount **\$8,256,481.84**  
 Revised Contract Amount **8,736,165.32**  
 Cost to FPD **\$459,984.70**  
 Cost to Others **\$19,698.78**  
 % Change from Original Amount **5.81%**

\*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  
**Total Change Order Amount:** **\$2,067,592.74**  
**Total Revised Contract Amount:** **\$14,924,720.49**

Payment Request No.	Pay Request Date	Pay Request Recommended Approval Date	Total Completed to Date (\$)	Amount Retained (10% to 50%) then (5% to 95%)	Total Earned Less Retainage	Amount Invoiced (\$)	Date Paid by FPD	Estimate to Complete Including Retainage (\$)
1	12/1/2013	12/9/2013	\$85,500.00	\$8,550.00	\$76,950.00	\$76,950.00	<a href="#">12/20/2013</a>	\$12,780,177.75
2	1/1/2014	2/10/2014	\$302,624.00	\$30,262.40	\$272,361.60	\$195,411.60	<a href="#">2/20/2014</a>	\$12,584,766.15
3	2/3/2014	2/10/2014	\$1,082,723.00	\$108,272.30	\$974,450.70	\$702,089.10	<a href="#">2/20/2014</a>	\$11,882,677.05
4	3/1/2014	3/14/2014	\$1,486,548.00	\$148,654.80	\$1,337,893.20	\$363,442.50	<a href="#">3/25/2014</a>	\$11,519,234.55
5	4/1/2014	4/16/2014	\$2,819,792.90	\$281,979.29	\$2,537,813.61	\$1,199,920.41	<a href="#">4/22/2014</a>	\$10,321,184.14
6	5/1/2014	5/13/2014	\$3,912,098.90	\$391,209.89	\$3,520,889.01	\$983,075.40	<a href="#">5/22/2014</a>	\$9,338,108.74
7	6/1/2014	6/10/2014	\$4,741,611.90	\$474,161.19	\$4,267,450.71	\$746,561.70	<a href="#">6/19/2014</a>	\$8,591,547.04
8	7/1/2014	7/14/2014	\$5,406,637.90	\$540,663.79	\$4,865,974.11	\$598,523.40	<a href="#">7/17/2014</a>	\$8,125,833.24
9	8/1/2014	8/8/2014	\$5,785,001.65	\$578,500.17	\$5,206,501.49	\$340,527.38	<a href="#">8/19/2014</a>	\$8,073,440.31
10	9/3/2014	9/5/2014	\$6,053,869.33	\$605,386.93	\$5,448,482.40	\$241,980.91	<a href="#">9/15/2014</a>	\$7,849,799.02
11	10/1/2014	10/3/2014	\$6,752,179.87	\$675,217.99	\$6,076,961.88	\$628,479.49	<a href="#">10/16/2014</a>	\$8,504,251.69
12	11/1/2014	11/10/2014	\$7,466,202.56	\$746,620.26	\$6,719,582.30	\$642,620.41	<a href="#">11/18/2014</a>	\$7,899,566.94
13	12/1/2014	12/8/2014	\$8,071,969.19	\$807,196.92	\$7,264,772.27	\$545,189.97	<a href="#">12/18/2014</a>	\$7,398,041.46
14	1/1/2015	1/13/2015	\$9,086,036.15	\$454,301.81	\$8,631,734.33	\$1,366,962.07	<a href="#">1/26/2015</a>	\$6,031,079.39
15	2/1/2015	2/6/2015	\$10,631,046.43	\$531,552.32	\$10,099,494.11	\$1,467,759.77	<a href="#">2/18/2015</a>	\$4,741,174.30
16	3/1/2015	3/9/2015	\$11,159,175.28	\$557,958.76	\$10,601,216.51	\$501,722.40	<a href="#">3/19/2015</a>	\$4,249,455.94
17	4/1/2015	4/10/2015	\$12,128,575.99	\$606,428.80	\$11,522,147.19	\$920,930.68	<a href="#">4/16/2015</a>	\$3,381,649.98
18	5/1/2015	5/8/2015	\$13,089,041.43	\$654,452.07	\$12,434,589.36	\$912,442.17		\$2,490,131.13

**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	NA	NA	NA	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	Pending Board Approval	Changes proposed to accommodate field conditions. Board approval required.
<b>Total</b>			<b>\$2,067,592.74</b>	<b>\$0.00</b>						<b>\$</b>	<b>2,067,592.74</b>

**Total of Project Change Orders Revised Contract Amount** \$2,067,592.74  
**Original Contract Amount** \$12,857,127.75  
**% Change from Original Amount** 16.08%

\*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  
**Total Change Order Amount:** \$288,101.30  
**Total Revised Contract Amount:** **\$3,364,310.00**

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	<a href="#">11/18/2014</a>	\$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	<a href="#">12/18/2014</a>	\$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	<a href="#">1/26/2015</a>	\$902,945.24
4	2/28/2015	3/10/2015	\$2,587,400.13	\$129,370.02	\$2,458,030.11	\$63,358.35	<a href="#">3/19/2015</a>	\$906,279.89
5	3/31/2015	4/10/2015	\$2,727,400.13	\$136,370.02	\$2,591,030.11	\$133,000.00	<a href="#">4/16/2015</a>	\$773,279.89
6	5/4/2015	5/10/2015	\$3,278,416.10	\$163,920.82	\$3,114,495.28	\$523,465.17		\$249,814.72

**TITLE: CONSTRUCTION CHANGE ORDER LOG**

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

**PROJECT NUMBER:** SIFPDC-BP7A

Change Request Number	Description	Change Type (Field, Design, Spec, Other)	Cost to FPD	Cost to Others	As Bid Line Item #	Original Cost of Associated Line Item	% of Original Line Item	% of Original Contract	Date	Status	Comments
1	Temporary Boat Launch Access Road	Design	\$13,850.00	\$0.00	NA	NA	NA	0.45%	10/17/2014	Approved	C-105 & C-504 Drawing revision to include a temporary boat launch road
2*	Utility Conflicts	Field	\$108,897.50	\$0.00	0016	\$225,000.00	48.40%	3.54%	11/19/2014	Approved	Electrical and telephone utility conflicts; Board approval required
3*	Excavation Levee Slope and Crown Quantity Adjustment	Other	\$98,660.80	\$0.00	0009	\$ 89,503.20	110.23%	3.21%	12/17/2014	Approved	Excavation Levee Slope and Crown Quantity Adjustment. Board approval required (see memo for detail)
4	Slurry Trench Cutoff Wall Quantity Settlement	Other	\$66,693.00	\$0.00	0010 0011	\$669,584.00	9.96%	2.17%	3/10/2015	Approved	Slurry Trench Cutoff Wall Quantity Settlement
5	Contract Time Extension to June 26, 2015	Other	\$0.00	\$0.00	0	\$ -	0.00%	0.00%	3/10/2015	Approved	Contract Time Extension to June 26, 2015 due to weather needed for clay placement
6	Site demolition and restoration as required by City of Alton	Other	\$7,500.00	\$0.00	0007	\$315,818.00	2.37%	0.24%	5/15/2015	Pending	Crack fill, seal, and stripe the entire Alton Marina Parking lot, as required by the City of Alton.
<b>Total of Project Change Orders</b>			<b>\$288,101.30</b>	<b>\$0.00</b>						Approved	<b>\$ 288,101.30</b>
<b>Original Contract Amount</b>			<b>\$3,076,208.70</b>								
<b>Revised Contract Amount</b>			<b>\$3,364,310.00</b>								
				<b>% Change from Original Amount</b>				<b>9.37%</b>			

\*Board approval required





Memo to: Board of Directors  
From: Chuck Ewert  
Subject: Budget and Disbursement Report for April 2015  
Date: May 18, 2015

Current Budget Highlights

Attached is the financial statement for April 2015 prepared by our fiscal agent, CliftonLarsonAllen. The report includes an accounting of revenues and expenditures for the month ending April 30, 2015, as compared to our fiscal year budget.

Accrued expenditures for the current fiscal year beginning on October 1, 2014 are \$28,771,545 while revenues amounted to \$6,893,231 resulting in a deficit of \$21,878,314. A total of approximately \$23,015,535 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 2015 (the latest month reported by the Illinois Department of Revenue) were down by .70% from the previous year. In general, receipts are up 2.86% from last year, which was our highest year.

Monthly Disbursements

Attached is the list of bank transactions for April 2015. Total disbursements for the month were \$3,521,943.74. The largest payments were to Keller Construction for BP #3 and BP #5, Lane Construction for BP #6, Korte & Luitjohan Contractors for BP #2B, Kamadulski Excavating & Grading Co. for BP #7A, Haier Plumbing for BP #4, Amec Foster Wheeler and Husch Blackwell.

Recommendation:

Accept the budget report and disbursements for April 2015.

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION  
DISTRICT COUNCIL**

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

**SEVEN MONTHS ENDING APRIL 2015 AND 2014**



**CliftonLarsonAllen**

CliftonLarsonAllen LLP  
www.cliftonlarsonallen.com

Board Members  
Southwestern Illinois Flood Prevention District Council  
Collinsville, Illinois

We have compiled the accompanying General Fund Statement of Revenues and Expenditures – Budget and Actual of Southwestern Illinois Flood Prevention District Council (the “Council”) for the seven months ended April 2015 and 2014. We have not audited or reviewed the accompanying financial statements and, accordingly, do not express an opinion or provide any assurance about whether the financial statements are in accordance with accounting principles generally accepted in the United States of America.

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America and for designing, implementing, and maintaining internal control relevant to the preparation and fair presentation of the financial statements.

Our responsibility is to conduct the compilation in accordance with Statement on Standards for Accounting and Review Services issued by the American Institute of Certified Public Accountants. The objective of a compilation is to assist management in presenting financial information in the form of financial statements without undertaking to obtain or provide assurance that there are no material modifications that should be made to the financial statements. During our compilation we did become aware of departures from accounting principles generally accepted in the United States of America that are described in the following paragraph.

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, 2015 and 2014, 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 cursive script that reads "Clifton Larson Allen LLP".

CliftonLarsonAllen LLP

St. Louis, Missouri  
May 13, 2015

**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 FINAL BUDGET POSITIVE (NEGATIVE)
	ORIGINAL	FINAL		
<b>REVENUES</b>				
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)
Other Contributions	-	-	-	-
Total Revenues	<u>11,255,000</u>	<u>11,255,000</u>	<u>6,893,231</u>	<u>4,361,769</u>
<b>EXPENDITURES</b>				
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	-	-	-	-
Federal Cost-Share	-	-	-	-
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
Construction Oversight	-	-	-	-
Other	-	-	-	-
Impact Analysis/Research	-	-	-	-
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
Advertising	-	-	-	-
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
Furniture	-	-	-	-
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>

**SOUTHWESTERN ILLINOIS FLOOD PROTECTION DISTRICT COUNCIL  
GENERAL FUND  
STATEMENT OF REVENUES AND EXPENDITURES - BUDGET AND ACTUAL  
SEVEN MONTHS ENDED APRIL 30, 2014 (Actual)  
FISCAL YEAR ENDING SEPTEMBER 30, 2014 (Budget)**

	BUDGET		ACTUAL	VARIANCE WITH FINAL BUDGET
	ORIGINAL	FINAL		POSITIVE (NEGATIVE)
<b>REVENUES</b>				
Sales Tax Proceeds From Districts	\$ 11,237,000	\$ 11,237,000	\$ 6,433,854	\$ 4,803,146
Interest Income	650,000	650,000	730,091	(80,091)
Other Contributions	-	-	-	-
Total Revenues	<u>11,887,000</u>	<u>11,887,000</u>	<u>7,163,945</u>	<u>4,723,055</u>
<b>EXPENDITURES</b>				
Current				
Design and Construction				
Engineering Design & Construction Management	4,000,000	4,000,000	1,349,566	2,650,434
Construction	60,000,000	60,000,000	8,529,506	51,470,494
Construction and design by US ACE	1,000,000	1,000,000	2,477,634	(1,477,634)
Federal Cost-Share	-	-	-	-
Total Design and Construction	<u>65,000,000</u>	<u>65,000,000</u>	<u>12,356,706</u>	<u>52,643,294</u>
Professional Services				
Legal & Legislative Consulting	210,000	210,000	64,567	145,433
Construction Oversight	210,000	210,000	106,769	103,231
Other	-	-	-	-
Impact Analysis/Research	-	-	2,150	(2,150)
Financial Advisor	40,000	40,000	1,320	38,680
Bond Underwriter/Conduit Issuer	100,000	100,000	-	100,000
Total Professional Services	<u>560,000</u>	<u>560,000</u>	<u>174,806</u>	<u>385,194</u>
Refund of Surplus Funds to County FPD Accounts				
Madison County	2,270,400	2,270,400	1,140,311	1,130,089
Monroe County	220,800	220,800	113,271	107,529
St. Clair County	2,308,800	2,308,800	1,143,149	1,165,651
Total Refund of Surplus Funds to County	<u>4,800,000</u>	<u>4,800,000</u>	<u>2,396,731</u>	<u>2,403,269</u>
Debt Service				
Principal and Interest	7,107,440	7,107,440	7,102,339	5,101
Federal Interest Subsidy	(910,140)	(910,140)	(422,305)	(487,835)
Total Debt Service	<u>6,197,300</u>	<u>6,197,300</u>	<u>6,680,034</u>	<u>(482,734)</u>
Total Operating Expenses	<u>76,557,300</u>	<u>76,557,300</u>	<u>21,608,277</u>	<u>54,949,023</u>
General and Administrative Costs				
Salaries, Benefits	192,331	192,331	124,093	68,238
Advertising	-	-	-	-
Bank Service Charges	600	600	843	(243)
Conference Registration	500	500	372	128
Equipment and Software	4,000	4,000	1,768	2,232
Fiscal Agency Services	23,000	23,000	15,550	7,450
Furniture	-	-	-	-
Meeting Expenses	1,000	1,000	28	972
Postage/Delivery	400	400	218	182
Printing/Photocopies	2,500	2,500	1,369	1,131
Professional Services	20,000	20,000	8,510	11,490
Publications/Subscriptions	250	250	2,125	(1,875)
Supplies	1,500	1,500	1,275	225
Telecommunications/Internet	2,000	2,000	1,914	86
Travel	15,000	15,000	2,100	12,900
Insurance	1,000	1,000	981	19
Total General & Administrative Costs	<u>264,081</u>	<u>264,081</u>	<u>161,146</u>	<u>102,935</u>
Total Expenditures	<u>76,821,381</u>	<u>76,821,381</u>	<u>21,769,423</u>	<u>55,051,958</u>
<b>EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES</b>				
	(64,934,381)	(64,934,381)	(14,605,478)	50,328,903
<b>OTHER FINANCING SOURCES</b>				
Proceeds From Borrowing	10,000,000	10,000,000	-	10,000,000
<b>NET CHANGE IN FUND BALANCE</b>	<u>\$ (54,934,381)</u>	<u>\$ (54,934,381)</u>	<u>\$ (14,605,478)</u>	<u>\$ 40,328,903</u>

# Flood Prevention District Sales Tax Trends 2009-2015

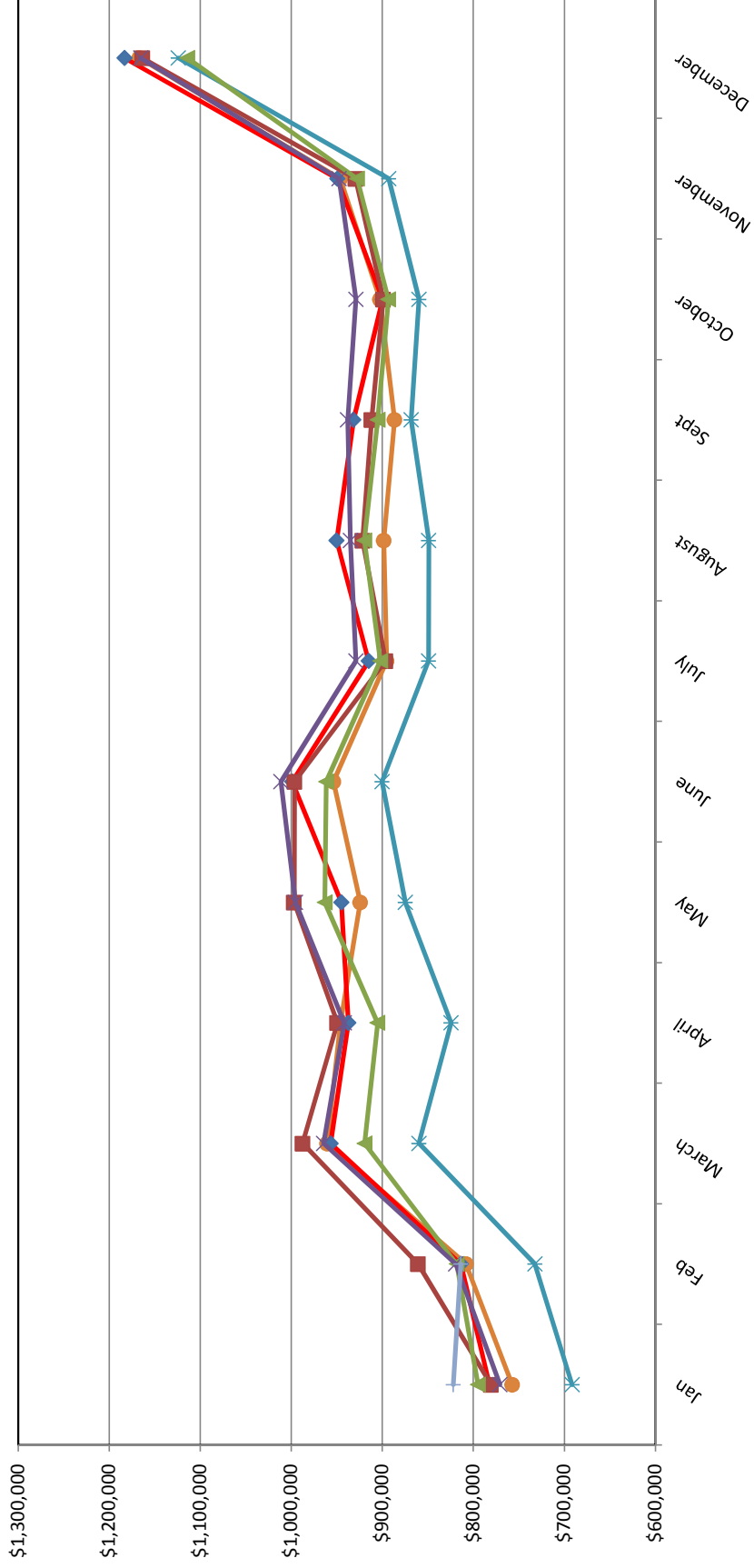
2009												County Share		
	Jan	Feb	March	April	May	June	July	August	Sept	October	November	December	Total	
Madison	\$321,968	\$336,765	\$397,425	\$387,385	\$414,350	\$421,402	\$399,616	\$401,188	\$400,090	\$404,847	\$405,930	\$492,814	\$4,783,780	46.319%
St. Clair	\$337,979	\$362,696	\$424,556	\$398,395	\$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		
<b>2010</b>														
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	587067	\$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%	
<b>2011</b>														
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%	
<b>2012</b>														
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 2009-2015

## Actual Receipts 2009-2014



**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL  
SUPPLEMENTARY SUPPORTING SCHEDULE  
BANK TRANSACTIONS  
April 30, 2015**

Beginning Bank Balance April 1		<b>\$ 895,869.58</b>
Receipts		
The Bank of Edwardsville	04/30/2015 April Interest	87.72
UMB	04/14/2015 Funds Transfer/Admin	8,416.65
UMB	04/14/2015 Funds Transfer/ construction	2,922,287.91
		<b>2,930,792.28</b>
Disbursements		
UMB	04/01/2015 Funds Transfer Federal Interest Reb	318,639.81
UMB	04/01/2015 Funds Transfer Federal Interest Res	103,209.97
The Bank of Edwardsville	04/01/2015 Wire Fee	15.00
The Bank of Edwardsville	04/01/2015 Wire Fee	15.00
Microsoft Office	04/01/2015 Subscription	0.99
CDW Government	04/02/2015 Office Supplies	214.76
Endicia	04/02/2015 Postage	50.00
CDW Government	04/10/2015 Office Supplies	141.86
ABNA	04/13/2015 Design & Construction	2,054.90
Amec Foster Wheeler Environment & Infrast	04/13/2015 Construction	241,079.59
CliftonLarsonAllen LLP	04/13/2015 Fiscal Agent	2,103.36
Columbia Capital	04/13/2015 Financial Advisor	600.00
Haier Plumbing	04/13/2015 Construction	98,712.18
Marks & Associates	04/13/2015 Construction	3,590.00
Phillip L. Johnson	04/13/2015 Construction	13,200.00
Smith Dawson & Andrews	04/13/2015 Professional Services	5,000.00
Juneau Associates	04/13/2015 Construction	7,099.10
Juneau Associates	04/13/2015 Construction	1,403.00
Juneau Associates	04/13/2015 Construction	1,107.42
Cost Less Copy Center	04/14/2015 Board Meeting Materials	174.00
The Bank-Service Fees	04/14/2015 Wire Fee	10.00
The Bank-Service Fees	04/14/2015 Wire Fee	10.00
Kamadulski Excavating & Grading CO, Inc	04/16/2015 Construction	133,000.00
Keller Construcion Inc	04/16/2015 Construction	602,289.26
Keller Construcion Inc	04/16/2015 Construction	748,611.78
Korte & Luitjohan Contractors Inc	04/16/2015 Construction	1,800.00
Korte & Luitjohan Contractors Inc	04/16/2015 Construction	141,810.00
The Lane Construction Corporation	04/16/2015 Construction	920,930.68
East-West Gateway Council of Governments	04/16/2015 Supervisor Mgt Services	47,095.12
Ameren Illinois	04/16/2015 Construction	35,793.00
Cahokia Acres LLC	04/16/2015 Construction	5,500.00
David V. Gummersheimer Trust	04/16/2015 Construction	5,000.00
Earl J Gummersheimer Trust	04/16/2015 Construction	2,200.00
J & M Two Rivers Farm Corporation	04/16/2015 Construction	2,100.00
K & E Stumpf Farms LP	04/16/2015 Construction	1,500.00
Spare Tire, LLC	04/16/2015 Construction	4,000.00
Virgil R Gummersheimer	04/16/2015 Construction	1,200.00
Earl J Gummersheimer Trust	04/16/2015 Construction	3,300.00
Earl J Gummersheimer Trust	04/16/2015 Construction	742.50
Virgil R Gummersheimer	04/16/2015 Construction	247.50
The Bank of Edwardsville	04/16/2015 Wire Fee	15.00
The Bank of Edwardsville	04/16/2015 Wire Fee	15.00
The Bank of Edwardsville	04/16/2015 Wire Fee	15.00
The Bank of Edwardsville	04/16/2015 Wire Fee	15.00
The Bank of Edwardsville	04/16/2015 Wire Fee	15.00
The Bank of Edwardsville	04/16/2015 Wire Fee	15.00
AT&T	04/16/2015 Telephone	91.86
Eugene Pulcher Trust	04/17/2015 Construction	4,950.00
Eugene Pulcher Trust	04/17/2015 Construction	110.00
Eugene Pulcher Trust	04/17/2015 Construction	165.00
Lloyd Pulcher Trust	04/17/2015 Construction	330.00
Mary Pulcher Trust	04/17/2015 Construction	4,950.00
Mary Pulcher Trust	04/17/2015 Construction	110.00
Mary Pulcher Trust	04/17/2015 Construction	165.00
Dorgan, McPike & Assoc, LTD	04/20/2015 Construction	3,000.00
Husch Blackwell	04/20/2015 Legal & Legislative Consulting	25,485.75
Husch Blackwell	04/20/2015 Construction	10,111.79
Husch Blackwell	04/20/2015 Construction	16,613.00
DropBox	04/23/2015 Office Supplies	99.00
Wood River Drainage and Levee District	04/27/2015 Construction	100.00
The Bank of Edwardsville	04/30/2015 Apail Bank Charges	6.56
The Bank of Edwardsville	04/30/2015 Apail Bank Charges	15.00
		<b>3,521,943.74</b>
		<b>\$ 304,718.12</b>



Memo to: Board of Directors  
From: Chuck Etwert  
Subject: Change Order BP #6  
Date: May 18, 2015

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, which currently applies Bid Packages 3 & 6.

We have one change order on Bid Package 6 which Amec Foster Wheeler will be explaining at the meeting.

#### **Bid Package 06 – Change Order 20**

##### **Existing Piezometer P37 \$1,440.00**

Cost for abandoning piezometer P37, which was found in the field to be broken at the bottom of the concrete backfill. This piezometer was not shown on the plans. This change order is an increase to the abandon piezometer pay item and will increase the cost as shown below.

##### **12" Aggregate Surface Course, Type A for driveways and field access roads \$6,720.08**

Providing and installing the 12" Aggregate surface course, type A for the field access/driveway at roughly station 628+00 due to the seepage berm earthwork in this area expanding over the existing access road. These dimensions were accepted in RFI # 42. This pay item was previously added under Change Order 10, this revision will increase the quantity and cost.

##### **Piezometer 239L Abandonment & Install New Piezometer \$9,750.00**

Existing PZ 239L is within a seepage berm and is kinked, slightly tilted and concrete cracked. A transducer will not fit into the existing piezometer to bring it up with the berm. It is proposed that PZ 239L be abandonment and a new piezometer be installed.

Recommendation: Authorize the Chief Supervisor to approve BP #6 - Change Order 20 – Existing Piezometer P37, 12" Aggregate Surface Course, Type A for driveways and field access roads, and Piezometer 239L Abandonment & Install New Piezometer with Lane Construction at a cost not to exceed 17,910.08.





Memo to: Board of Directors

From: Chuck Etwert

Subject: Selection of Contractor for Construction Package #7B – Construction of the Lower Wood River Deep (100 ft. – 140 ft. in depth) Cutoff Wall, Clay Cap, Piezometers, Relief Wells and Inclinometers in the Wood River District

Date: May 18, 2015

As you are aware the original contractor on the BP 7B project, terminated their contract with the Southwestern Illinois Flood Prevention District (FPD) Council. Therefore, the Council issued an advertisement for construction bids for Bid Package 7B on March 16, 2015. Bid Package 7B is for construction of a cement-bentonite cutoff wall, constructed in panels, approximately 100 ft. – 140 ft. in depth, as well as a protruding clay cap along the riverside of the levee system along the cutoff wall, relief wells, piezometers, and other instrumentation. A copy of the invitation is included as an attachment.

An advertisement for bid was published in the following newspapers the week of March 15, 2015: the St. Louis Post Dispatch, Edwardsville Intelligencer, Belleville News Democrat, and the Republic Times.

A pre-bid meeting was held on Wednesday, April 1, 2015 at the council offices. The meeting was attended by 29 individuals, including Amec Foster Wheeler staff.

On May 6, 2015, bids were received from two (2) companies and read aloud. Results are as follows:

TREVIICOS South Corporation in the amount of:	\$13,991,000.00
Brasfond USA Corporation in the amount of:	\$14,793,622.80

The Engineer's estimate was \$14,559,583.00.

The apparent low bid was TREVIICOS South Corporation from Charlestown, Massachusetts. Due to the specialty nature of this work, none of the bidders were local; however, each bidder has included a list of subcontractors, some of which are well known local companies. Brasfond USA Corporation is from Wooster, Ohio.

Amec Foster Wheeler reviewed/confirmed the following:

- prequalification status as stated on the bid form
- addendums were acknowledged
- arithmetic on the schedule of values
- bid form was signed and attested
- bid bond
- schedules provided
- references
- utilization of M/D/WBE subcontractors
- qualifications of each both cutoff wall contractors
- resumes of key construction personnel

Amec Foster Wheeler further reviewed the specifications, bonding requirements, QA/QC material testing procedures and payment procedures to verify the FPD Council is protected during construction and quality construction is provided.

The high bidder, Brasfond USA, was \$802,085.62 (6%) higher than the low bidder, TREVIICOS South, Inc. Amec Foster Wheeler reviewed the bids for the primary differences between the three bidders; the prices for the bid items varied between bidders, but the major variations were:

<b>Line Item</b>	<b>Description</b>	<b>Difference Between Low Bid and Next Highest Bid</b>
0002	Bonds & Insurance	\$139,358.20
0011	Cement Bentonite Slurry Trench Cutoff Wall (80+ ft.)	\$619,097.80
0013	Geotechnical Instrumentation Installation	\$190,914.02

The detailed schedule of values are attached.

Neither of the bidders met the full requirement of the specification with respect to previous cutoff wall project experience and/or resume qualifications for the Slurry Trench Specialist (STS) and/or the Project Field Superintendent (PFS). This extremely stringent specification requirement was imposed to ensure that only the most qualified construction firms would bid this important specialty work; each firm that bid was very close in meeting the quantity, years of experience, and previous project details that were required in the project specifications. Given the specialty nature of this work, and the demonstrated competence of the contractors who bid this project, the intent of the specification, with respect to previous cutoff wall project experience, STS experience, and PFS experience, has been fulfilled.

TREVIICOS South Corporation has proposed to use Wissehr Electric in Belleville, IL for electrical line work; Wissehr is an MBE, certified with IDOT. TREVIICOS South Corporation has proposed to use Brewster Companies in Maryville, IL for landscaping and environmental work; Brewster is an MBE, certified with IDOT. TREVIICOS South Corporation has also indicated on their MBE Utilization Statement that A Strong Hauling, LLC (Waterloo, IL) and

D.W. Mertzke Trucking (Troy, IL) trucking/hauling will be utilized; Both A Strong and D.W. Mertzke are an MBE, certified with IDOT.

TREVIICOS South Corporation's schedule shows a completion date of May 1, 2016 and the specification references completion by the same date. Additionally, their schedule shows a completion date for the cutoff wall, clay cap and relief wells by December 18, 2015. With cooperative weather and river levels, Amec Foster Wheeler has no reason to believe these dates will not be met.

Based on their review, Amec Foster Wheeler concludes that TREVIICOS South Corporation is qualified to perform the work and, therefore, recommends that the FPD Council selects this company to perform the construction of Bid Package 7B.

Brasfond's schedule of values contained arithmetic errors. The stated sum on Brasfond's schedule of values is \$14,793,622.80; however, the product of the Estimated Quantity and the each respective unit price sums to \$14,793,085.62. By correcting Brasfond's arithmetic, the Brasfond bid actually totals \$537.18 lower than that read aloud at the bid opening. This error is believed to be a result of Brasfond using a spreadsheet program to back-calculate their unit costs and, therefore, the unit costs were calculated out past the hundredth of a dollar. Since Brasfond was the high bidder, this discrepancy was not discussed with Brasfond, as rectifying it would not have changed the result of this recommendation.

#### Recommendation

Authorize the Chief Supervisor to execute a \$13,991,000.00 contract with TREVIICOS South Corporation to perform construction of Bid Package 7B with a total cost not to exceed \$15,390,100.00 (\$13,991,000.00. plus a 10% contingency).

**Southwestern Illinois Flood Prevention District Council  
LEVEE CERTIFICATION DESIGN PROJECT (BID PACKAGE 7B) - BID TAB**

				TREVICOS Corporation		Brasfond USA Corporation	
				Unit Cost	Extended Cost	Unit Cost	Extended Cost
		Qty					
0001	Mobilization & Demobilization	1	LS	\$ 696,964.00	\$ 696,964.00	\$ 738,634.98	\$ 738,634.98
0002	Bonds & Insurance	1	LS	\$ 350,000.00	\$ 350,000.00	\$ 489,358.20	\$ 489,358.20
0003	Construction Staking	1	LS	\$ 155,000.00	\$ 155,000.00	\$ 62,584.10	\$ 62,584.10
0004	Environmental Protection	1	LS	\$ 175,000.00	\$ 175,000.00	\$ 183,808.93	\$ 183,808.93
0005	Establishment of Turf	1	LS	\$ 175,000.00	\$ 175,000.00	\$ 120,473.56	\$ 120,473.56
0006	Dewatering	1	LS	\$ 50,000.00	\$ 50,000.00	\$ 69,058.57	\$ 69,058.57
0007	Stripping	1	LS	\$ 160,000.00	\$ 160,000.00	\$ 50,290.94	\$ 50,290.94
0008	Clearing & Grubbing	6	AC	\$ 7,000.00	\$ 42,000.00	\$ 15,191.05	\$ 91,146.30
0009	Material Disposal	1	LS	\$ 1,250,000.00	\$ 1,250,000.00	\$ 1,188,037.24	\$ 1,188,037.24
0010	Cement Bentonite Slurry Trench Cutoff Wall (0-80 ft)	152,522	SF	\$ 35.00	\$ 5,338,270.00	\$ 35.46	\$ 5,408,430.12
0011	Cement Bentonite Slurry Trench Cutoff Wall (80+ ft)						
	a. First 58,800 SF	58,800	SF	\$ 26.00	\$ 1,528,800.00	\$ 32.55	\$ 1,913,940.00
	b. All over 58,800 SF	14,076	SF	\$ 16.00	\$ 225,216.00	\$ 32.55	\$ 458,173.80
0012	Cement Bentonite Slurry Trench Cutoff Wall (ROCK)						
	a. First 820 SF	820	SF	\$ 100.00	\$ 82,000.00	\$ 80.62	\$ 66,108.40
	b. All over 820 SF	820	SF	\$ 50.00	\$ 41,000.00	\$ 80.62	\$ 66,108.40
0013	Geotechnical Instrumentation Installation	1	LS	\$ 1,150,000.00	\$ 1,150,000.00	\$ 1,340,914.02	\$ 1,340,914.02
0014	Impervious Clay Fill	11,700	CY	\$ 60.00	\$ 702,000.00	\$ 50.92	\$ 595,764.00
0015	Waterline Removal & Replacement	1	LS	\$ 100,000.00	\$ 100,000.00	\$ 33,702.93	\$ 33,702.93
0016	Temporary Electrical Line	1	LS	\$ 50,000.00	\$ 50,000.00	\$ 42,429.90	\$ 42,429.90
0017	Slurry Wall Panel Coring	600	LF	\$ 470.00	\$ 282,000.00	\$ 311.62	\$ 186,972.00
0018	Pilot Holes	630	VF	\$ 165.00	\$ 103,950.00	\$ 126.58	\$ 79,745.40
0019	Relief Wells	560	VF	\$ 1,230.00	\$ 688,800.00	\$ 1,041.74	\$ 583,374.40
0020	Site Demolition and Restoration	1	LS	\$ 170,000.00	\$ 170,000.00	\$ 180,788.65	\$ 180,788.65
0021	Drilling Obstructions	125	VF	\$ 200.00	\$ 25,000.00	\$ 805.74	\$ 100,717.50
0022	Olin Utility Protection	1	LS	\$ 150,000.00	\$ 150,000.00	\$ 222,756.98	\$ 222,756.98
0023	Bicycle Trail Relocation	1	LS	\$ 300,000.00	\$ 300,000.00	\$ 273,672.87	\$ 273,672.87
0024	Cost to Execute Olin's Temporary License	1	LS	\$ -	\$ -	\$ 84,859.80	\$ 84,859.80
0025	Cost to Obtain Insurance Required by Olin	1	LS	\$ -	\$ -	\$ 161,233.63	\$ 161,233.63
<b>GRAND TOTAL - BID PACKAGE 7B</b>					<b>\$ 13,991,000.00</b>		<b>\$ 14,793,085.62</b>



## INVITATION TO BID (RE-BID)

Notice is hereby given that the Southwestern Illinois Flood Prevention District Council (SIFPDC), the OWNER, will receive sealed Bids delivered to Mr. Charles Ewert at the SIFPDC Office, 104 United Drive, Collinsville, Illinois 62234 until **2:00 p.m.** local time on **Wednesday, May 6, 2015**, for the construction of Southwestern Illinois Flood Prevention District Council Project (BID PACKAGE 7B – LOWER CUTOFF WALL). Bids will be publicly opened and read at the SIFPDC Office at **2:01 p.m.** local time on **Wednesday, May 6, 2015**.

A pre-bid conference will be held at **9:30 a.m.** on **Wednesday, April 1, 2015**, at the SIFPDC Office, 104 United Drive, Collinsville, Illinois 62234. Representatives of OWNER (ENGINEER) will be present to discuss the Project. **Bidders are required to attend the pre-bid conference.** The ENGINEER will transmit to all prospective Bidders of Record such Addenda as ENGINEER considers necessary in response to questions arising at the conference. Oral statements may not be relied upon and will not be binding or legally effective.

A site visit will be held shortly after the pre-bid meeting with representatives of OWNER (ENGINEER) to leave the SIFPDC Office, 104 United Drive, Collinsville, Illinois 62234 at approximately **10:15 a.m.** on **Wednesday, April 1, 2015**. The site is approximately 20-minutes from the SIFPDC Office. The site visit is expected to last 30-60 minutes.

The project consists of improvements to the Wood River Levee system including construction of:

- Cutoff wall, cement-bentonite wall constructed in panels (100 ft. - 140 ft. in depth)
- Clay cap
- Piezometers
- Relief Wells
- Inclinometers
- Bicycle Trail (removal and relocation)
- Sheet Pile (Possibly, but not in lieu of cutoff wall – See Specifications)

The improvements are along the Lower Wood River Levee system, between the intersection of IL-143 / Enviroway and IL-143 / Wood River Creek, in East Alton, Illinois.

All Bidders are required to submit with their bid, qualification information as described in Document 00 200, Instructions to Bidders.

Bidding Documents may be obtained after **12:00 p.m. (noon time)** on **Friday, March 20, 2015**, by submitting the following contact information to Kendra Mitchom (kendra.mitchom@amecfw.com) (618) 346-9120.

Contact Name:  
Company Name:  
Company Address:  
Company Phone:  
Cell Phone:  
E-mail Address:  
Contractor Type:

**PROJECT # SIFPDC-BP7B**

All Bids will remain subject to acceptance for ninety days after the day of Bid opening, but OWNER may, in its sole discretion, release any Bid and return the Bid security prior to that date.

A Bid security in the amount of five percent of the Bidder's maximum Bid Price, including all optional work items, is required. The OWNER reserves the right to reject any or all Bids and to waive all informalities not involving price, time, or changes in the Work.



Memo to: Board of Directors  
From: Chuck Ewert  
Subject: Bond Financing Schedule  
Date: May 18, 2015

As I mentioned in the Program Status Report, Mr. Jeff White of Columbia Capital Management will attend this month's meeting and present a proposed bond financing schedule (copy attached) for the Board's consideration.

It currently appears that a bond sale could be accomplished before the end of the year. However, the schedule is dependent on the determination of the highest priority and cost effective projects by Amec Foster Wheeler and the completion of the Integral Determination Reports (IDRs), which identifies the projects which will be eligible to receive Work In-Kind Credit.

Recommendation:

Accept Mr. White's schedule as a guideline for future funding of additional flood prevention projects in the Metro East region.





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

## **M E M O R A N D U M**

0 5 . 1 5 . 1 5

Chuck Ewert  
Southwestern Illinois FPD Council

The purpose of this memorandum is to provide a high-level roadmap of activities leading to a financing in furtherance of the Board of Director's recent decision to pursue 500-year protection in the Metro-East region. Many of these steps will be familiar to your board members who participated in the Council's 2010 financing.

### **MAY 2015 MEETING**

At the May regular meeting of the Board, I will provide a quick overview of the financing calendar and will seek Board authorization to engage bond and disclosure counsel for the financing. On behalf of the Council, we solicited proposals from three law firms active in the region; those proposals are due to us by the end of business on May 18. We will provide a brief summary and recommendation to you by mid-day on May 19 with the hopes that you can distribute that memorandum to the Board in advance of the meeting on May 20.

### **JUNE 2015 MEETING**

At the June regular meeting of the Board, we will seek Board approval of a resolution authorizing staff, counsel and consultants to begin work on a financing in earnest, including soliciting proposals from bond underwriters, bank trustees and other required professionals. This action will also allow bond counsel to begin in-depth work on the creation of the necessary bond and disclosure documents to effect the financing.

### **AUGUST 2015 MEETING**

At the August regular meeting of the Board, we will seek Board action to appoint the underwriting team based upon our analysis of underwriting proposals received. We also expect to seek Board appointment of a bank trustee and other professionals required to effect the financing.

### **OCTOBER 2015 MEETING**

At the October regular meeting of the Board, we expect Amec Foster Wheeler to deliver its recommended project priority list for Board action. This information will provide guidance to us about the timing of the bond financing and the demand for bond moneys to finance projects.

At this same meeting, we contemplate seeking Board approval of a bond resolution permitting issuance of the bonds subject to certain parameters. Typically, these parameters would set upper limits on the amount of bonds to be issued, the maximum permitted borrowing costs, etc. From and after Board adoption of the bond resolution, staff would

have the authority to execute the financing when prudent to do so. Based upon the guidance from Amec Foster Wheeler and then-current market conditions, we anticipate the financing could take place as early as early- to mid-November 2015.

### **SUBSEQUENT BOARD MEETINGS**

At the first regular Board meeting following the sale of the bonds, we would provide a brief presentation to the Board on the outcome of the sale. This could occur as quickly as the November 2015 regular meeting.

### **APPROACH PENDING AMEC FOSTER WHEELER'S PROJECT LIST**

Until Amec Foster Wheeler is able to complete its prioritized project list (largely dependent upon the USACE completing its own internal review over the summer), our approach is to assume that the Council will need every dollar we can generate from this initial sale to implement 500-year protection projects.

As we presented to the Board during the summer of 2014, we do not expect the current borrowing capacity of the Council to be sufficient to accomplish all 500-year level project goals immediately. As such, we will be pursuing a path that will allow us to prudently maximize the initial borrowing while ensuring that the Council's path to additional future financings is maintained.

Our August 2014 report contemplated the issuance of \$70 to \$75 million in bonds across two series: (1) a series with an equal lien to ("on a parity with") the Council's 2010 Bonds; and (2) a series of bonds issued under a new subordinate lien tier. The actual amount to be raised may vary from this estimate based upon market conditions, rating agency cooperation, investor appetite for bonds under the new lien tier and other factors, but we continue to believe this is a reasonable estimate. One component of our underwriting RFP will be to seek input from respondents on this planned approach and to seek other competing ideas and strategies to maximize bond issuance in this financing.

If, given Amec Foster Wheeler's project guidance this fall, a lesser amount of bond proceeds is required, we will easily be able to amend our course to accommodate a smaller financing at that time.

We remain hopeful that the very advantageous interest rates currently available in the municipal market will persist; one component of our analysis will be evaluating the potential costs and benefits of moving more quickly on the financing than the project schedule might require in order to take advantage of historically low rates.

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

# DRAFT

## TRANSACTION CALENDAR



**Southwestern Illinois Flood Prevention District Council**  
Sales Tax Revenue Bonds  
Senior Series 2015-A & Subordinate Series 2015-1

### MAY

5/18 (week of)	Small Group Kick-Off Call (following May Board meeting)	BC, FA, SWIL, AFW
5/25	<b>Memorial Day</b>	HOLIDAY

### JUN

6/1	Bond Sale Resolution: Draft Circulated	BC
6/8	Bond Sale Resolution: Comments Due	ALL
6/10	Bond Sale Resolution: Provided to SWIL For Inclusion in Board Packet	BC
6/17	SWIL Board Meeting: Approve Bond Sale Resolution	SWIL

### JUL

7/4	<b>Independence Day</b>	HOLIDAY
7/6	Underwriting RFP: Draft Circulated For Working Group Comment	FA
7/13	Underwriting RFP: Comments Due	ALL
7/17	Underwriting RFP: Distribution to Market	FA
7/31	Underwriting RFP: Responses Due	UW

### AUG

8/5	Underwriting RFP: Summarize & Evaluate Responses	FA
8/17	Legal Documents & POS: Draft I Circulated	BC
8/19	SWIL Board Meeting: Underwriting Team Selected	SWIL
8/31	Legal Documents & POS: Draft I Comments Due	ALL

### SEP

9/7	<b>Labor Day</b>	HOLIDAY
9/8	Legal Documents & POS: Circulate Draft II	BC
9/16	SWIL Board Meeting	SWIL
9/21	Legal Documents & POS: Draft II Comments Due	ALL
9/30	U.S. Army Corps of Engineers Releases IDR	USACE

### OCT

10/5	Legal Documents & POS: Circulate Draft III	BC
10/19	Legal Documents & POS: Draft III Comments Due	ALL
10/21	SWIL Board Meeting: Decision to Proceed with Projects Included in IDR & Adoption of Parameters Resolution	SWIL
10/30	Provide Pre-Pricing Cash Flows For Preliminary Official Statement	FA

### NOV

11/2	POS: Circulate Final Draft	BC
11/9	POS: Final Draft Comments Due	ALL
11/9	Bond Rating Deadline	S&P
11/10	POS: Posted	BC
11/11	<b>Veterans Day</b>	HOLIDAY
11/17	<b>Negotiated Bond Sale</b>	SWIL, FA, UW
11/18	SWIL Board Meeting	SWIL
11/19	OS: Draft Circulated	BC
11/23	OS: Comments Due	ALL
11/24	OS: Posted	BC
11/26	<b>Thanksgiving Day</b>	HOLIDAY

### DEC

12/15	<b>Bond Closing</b>	SWIL, BC, FA, UW
-------	---------------------	------------------

#### Responsible Parties

SWIL: Southwestern Illinois Flood Prevention District Council  
FA: Financial Advisor (Columbia Capital Management)  
BC: Bond Counsel (TBD)  
UW: Underwriter (TBD)  
USACE: U.S. Army Corps of Engineers  
S&P: Rating Agency (Standard and Poor's)  
AFW: Engineer (Amec Foster Wheeler)

#### KEY

Docs/OS Circulated For Comment ●  
SWIL Board Meeting ●  
Bond Pricing/Closing ●  
Federal Holiday ●