



SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
BOARD OF DIRECTORS MEETING
January 21, 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 December 17, 2014
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 Environment & Infrastructure
7. Change Orders - BP #4, BP #5, & BP #6
AMEC Environment & Infrastructure
Chuck Etwert, Chief Supervisor
8. 500-Year (Authorized Level) Flood Protection Update
Chuck Etwert, Chief Supervisor
9. Update from Corps of Engineers
Tracey Kelsey, U.S. Army Corps of Engineers
10. Public Comment

Executive Session (if necessary)
11. Real Estate Transactions
Chuck Etwert, Chief Supervisor
12. Other Business
13. Adjournment

AGENDA

Next Meeting: February 18, 2015

MINUTES

SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL BOARD OF DIRECTORS MEETING

December 17, 2014

The regular meeting of the Board of Directors was held at the Metro-East Park and Recreation District Office, 104 United Drive, Collinsville, Illinois at 7:30 a.m. on Wednesday December 17, 2014.

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)
Paul Bergkoetter, St. Clair County Flood Prevention District
Alvin Parks, Jr., St. Clair County Flood Prevention District
Tom Long, Madison County Flood Prevention District
Bruce Brinkman, Monroe County Flood Prevention District
Ronald Polka, Monroe County Flood Prevention District

Members Absent

Ron Motil, Madison County Flood Prevention District

Others in Attendance

Alan Dunstan, Madison County Board Chair
Mark Kern, St. Clair County Board Chair
Terry Liefer, Monroe County Board Chair
Chuck Etwert, SW Illinois FPD Council
Rich Conner, Levee Issues Alliance
Mike Feldmann, U.S. Army Corps of Engineers
Pam Hobbs, Geotechnology
Gary Hoelscher, Millennia Professional Services
David Human, Husch Blackwell LLP
Phil Johnson, Phil Johnson Realtor
Charles Juneau, Juneau Associates
Ronald S. Kaempfe, IUOE Local 520
Tracey Kelsey, U.S. Army Corps of Engineers
Erika Kennett, City of Collinsville
Steve Kochan, Wood River Levee & Drainage District
Kevin Koenigstein, Monroe County Treasurer
Ellen Krohne, Leadership Council SW Illinois
Jay Martin, AMEC Environment & Infrastructure
Alex Maggos, Senator Mark Kirk's Office
Rick Mauch, SCI Engineering
Col. Anthony P. Mitchell, U.S. Army Corps of Engineers
Jon Omvig, AMEC Environment & Infrastructure

Joe Parente, Madison County
Brennen Soval, Husch Blackwell LLP
Dale Stewart, Southwestern Illinois Building Trades Council
Denny Weber, Wood River Levee & Drainage District
Dan Wilson, KdG
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 November 19, 2014

A motion was made by Tom Long, seconded by Dan Maher, to approve the minutes of the Board meeting held on November 19, 2014. Mr. Maher called the roll and the following votes were made on the motion:

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

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.

Mr. Conrad welcomed Mr. Terry Liefer, the new Chairman of the Monroe County Board, who will be attending meetings in place of Mr. Delbert Wittenauer, who remains on the Monroe County Board.

Program Status Report

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

Mr. Etwert indicated that work continues on the acquisition of easements needed to complete the projects that have been awarded, and that the easements required from the Olin Corporation have finally been obtained. There are some conditions that the contractor has to work out with Olin, but the easements needed are in hand. Easements are still required from 3 owners involving 6 parcels on the BP #3 construction project. The easements involve the Union Pacific Railroad,

American Oil Company, and one individual. As previously mention, the delay in obtaining these easements will have an effect on costs and completion times. He indicated AMEC would be discussing this in their presentations at the meeting, and that an executive session at the end of the meeting to discuss real estate would not be needed.

Approximately 46% of the \$45.0 million of construction, involved in the seven construction bid packages that have started, has been completed thru November 30th. There was 2.85 million dollars' worth of construction completed in November.

He indicated that there was only one change order on this month's agenda, involving BP #7A. AMEC would be explaining it and also discussing project schedules.

On November 24th, the FPD received from the Corps of Engineers the Executive Summary and the Response Summary from the Market Survey Data Report regarding the use of Project Labor Agreements (PLAs) on the FY15 Cutoff Wall Construction Contracts. Unfortunately, the two summaries only provided the approach taken and the responses received, and did not provide adequate justification for the Corps final decision.

Lacking was the review of FPD bid line items to bid line items on previous Corps projects. The FPD was led to believe that this would occur and quickly provided the Corps all of the FPD's bid results, promptly after our meeting with them in mid-July. A general comparison of existing bid results on pump stations, relief wells, clay caps, etc. could have provided valuable information on the utilization of PLAs and cost effectiveness. The Corps has indicated that they did receive a limited amount of data regarding bids solicited with and without a PLA, and in those circumstances, the non-PLA bids were lower. Mr. Etwert indicated that he had requested a copy of this data on December 2nd and was supposed to receive it after the meeting.

Also, confusing was the Response Summary where responses from each entity were given an indication rating of either Pro, Neutral, or Con. On one, it was summarized as "PLA brought additional contracting competition on future projects", Mr. Etwert thought this would be a good result of using a PLA and be marked as a Pro PLA response, yet it was indicated as Neutral. Copies of the Corps' Executive Summary and Response Summary from the Market Survey Data Report (previously e-mailed to each Board member) was provided at the meeting.

On November 26th, the FPD requested that as the Southwestern Illinois Flood Prevention District Council waits for the US Army Corps of Engineers' final determination of our June 19, 2014 request for consolidation of the separately authorized levee projects located in Madison, Monroe, and St. Clair Counties as allowed in the Water Resources Reform and Development Act (WRRDA) of 2014 that the Corps also consider the levee projects within these Counties for the Water Infrastructure Public-Private Partnership Pilot Program also established by the WRRDA 2014. Under the Pilot Program, the non-federal sponsor and the Corps switch roles with the non-federal sponsor taking the lead and the Corps providing funds to the non-federal sponsor. The cost sharing remains the same 65% federal/35% non-federal. The goal is to get projects built quicker and reduce the Corps' backlog of projects. No response has been received from the Corp as of today, but the FPD expects the standard response of no decision can be provided until

implementation guidelines for WRRDA 2014 are developed. However, at least the FPD request will be on record. A copy of the FPD request (again previously e-mailed to each board member) was provided at the meeting.

On December 2nd, Mr. Etwert indicated that he met with Jon Omvig and Tracey Kelsey to discuss the 500-Year (Authorized) Level Flood Protection and how the FPD utilizing PLAs can work with the Corps and move forward towards obtaining the authorized level. He indicated that would be presenting preliminary approaches, which were discussed, at the meeting today. These approaches appear to have potential benefits to both the FPD and the Corps.

To date, there hasn't been any response to Senator Durbin's letter to President Obama requesting the override of the Corps' decision to not require Project Labor Agreements (PLAs) on contracts pertaining to federal levee improvement projects in the East St. Louis, Prairie Du Pont/Fish Lake, and Wood River areas of Illinois.

The Board was provided copies of the AMEC's Monthly Progress Report for November.

A motion was made by Mr. Polka, seconded by Mr. Brinkman, to accept the Program Status Report for December 2014. Mr. Maher called the roll and the following votes were made on the motion:

Mr. Polka - Aye
Mr. Brinkman – Aye
Mr. Bergkoetter - Aye
Mr. Conrad - Aye
Mr. Long – Aye
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 November 2014 prepared by our fiscal agent, CliftonLarsonAllen was included in the materials sent for the meeting. The report included an accounting of revenues and expenditures for the month ending November 30, 2014, as compared to the fiscal year budget.

Accrued expenditures for the current fiscal year beginning on October 1, 2014 are \$8,004,866 while revenues amounted to \$1,936,796 resulting in a deficit of \$6,068,070. A total of

approximately \$21,058,171 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 September 2014 (the latest month reported by the Illinois Department of Revenue) were up by 3.64% from the previous year. In general, receipts are up 2.67% from last year and are slightly above the 2012 level, which is the highest year of receipts

The report included bank transactions for November 2014. Total disbursements for the month were \$3,440,731.36. The largest payments were to Kamadulski Excavating & Grading Co for BP #7A, Keller Construction for BP #3 and BP #5, Lane Construction for BP #6, Haier Plumbing for BP #4, Korte & Luitjohan Contractors for BP #2B and AMEC.

Mr. Etwert recommended that the Board accept the budget report and disbursements for November 2014.

With the numerous change orders presented to the Board the last few months, Mr. Long asked if the anticipated surplus of funds was still tracking at the approximate level previously presented to the Board, to which Mr. Etwert answered affirmative. The Board requested that it be notified if the anticipated surplus starts to be cut into due to change orders.

A motion was made by Mr. Long, seconded by Mr. Bergkoetter, to accept the budget report and approve the disbursements for November 2014. Mr. Maher called the roll and the following votes were made on the motion:

Mr. Polka - Aye
Mr. Brinkman – Aye
Mr. Bergkoetter - Aye
Mr. Conrad - Aye
Mr. Long – Aye
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's program manager, to provide a report. Mr. Martin used a PowerPoint® presentation to illustrate his remarks. His presentation, including a few site photos, focused on the status of each bid package as follows:

Construction Status

BP #2A – Fish Lake Pump Station

- Final walk through was held on November 25, 2014.
- AMEC determined a few items on the final punch list were not complete. Corrections in progress
- Contractor has invoiced for 100% of the contract value less retainage
- Contractor/AMEC developing record documents.

BP #2B – WR/MESD/PDP Pump Stations

- Site 5 – Structures, Force Mains, Earthwork, and Electrical Complete. Force main testing and setting of pumps will be completed in December.
- Site 10 – Structures, Force Mains, and Earthwork Complete. Pumps Installed. Electrical rough-in is in progress and will be complete in December.
- Site 12 – Intake Structure 75% complete. Electrical work to begin late January
- Site 15 – Pump Station is complete. Ready for Pre-final inspection
- Site 16 – Pump station is complete except for startup and testing. Awaiting primary power hookup from Ameren scheduled for mid to late December

BP #2C – Site 12 Pump Station Force Mains

- Haier Plumbing is the low bidder out of the two bidders for this project. Awaiting December 17, 2014 County Board Meeting for final approval
- Contractor plans to mobilize January 2015

BP #03 – WR Seepage Improvements

- Critical Delay: Land acquisition still impacting full mobilization; Project duration is approximately 7 months minimum (weather dependent) after land acquisition is complete
- Piezometer installation continues.
- Rip Rap in Creek at the Cahokia Creek Diversion Channel is complete.
- RW Collector System piping 50% complete at Blanket Drain #3
- Design changes complete associated with IDOT drainage system impacting Blanket Drains #3 & #4. These will be submitted to contractor this month

BP # 04 – MESD Seepage Improvements (Conoco Phillips)

- Valve vault and outfall structures complete. Intake structure to be complete by late December
- Force Mains on riverside between outfall and valve vault structures are complete
- Relief well work continues.
- RW collector system work to begin late December
- Clay Cap work is delayed until Summer 2015

- AMEC working with Contractors on negotiating cost impacts from construction obstruction and change in RW design

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

- Relief well drilling continues. 40 of 72 RWs have been drilled. Drilling production has been impacted greatly by groundwater elevations.
- Relief well collector system on south flank of MESD by Site 10 and Site 16 in progress. Contractor setting RW manholes and tying into previously constructed collector system.
- Relief well collector system on south flank of MESD by Site 10 and Site 16 set to begin mid-November
- Clay cap work is delayed until Summer 2015
- AMEC working with Contractors on negotiating cost impacts from construction obstruction and change in RW design

BP # 06 – PDP/FL Seepage Improvements

- Relief well drilling continues. 24 of 67 RWs have been drilled.
- Seepage berm construction continues.
- Clay cap work resumes. Weather impacting production.
- Sluice Gate rehabilitation/replacement in progress at Palmer Creek Pump Station.
- Lining of the triple 84” culverts at Palmer Creek Pump Station has resumed.
- AMEC working with Contractors on negotiating cost impacts from construction obstruction and change in RW design

BP # 7A – Shallow Cut Off Wall

- Slurry Wall construction anticipated to be complete next week. Levee backfill may be delayed until weather conditions are suitable to obtain the proper compaction.
- SAR Team site visit for initial wall construction went well. Minor comments addressed in their report.
- Piezometers have been installed; monitoring is ongoing

BP # 7B – Deep Cut Off Wall

- Notice of Award issued September 9, 2014
- Contract Executed September 12, 2014
- Olin signed the land agreement the week of December 5, 2014
- SWILDC and AMEC met with Kiewit to discuss the delayed NTP issues.

Construction Photos

- Bid Package 2B** – Site 5 – Fencing Around Intake Structure
 - Site 10 – Installing Force Main Support Brackets
 - Site 12 – Tying Rebar for Bottom Slab of Intake Structure
 - Site 15 - Complete
 - Site 16 – Fencing Around Intake Structure
- Bid Package 03** – Collector System Piping at Blanket Drain #3
- Bid Package 04** – Site 09 Intake Structure
- Bid Package 05** – Setting RW Manholes and Tying in Laterals
- Bid Package 06** – New Sluice Gate for Palmer Creek Pump Station 84” Gravity Drains
- Bid package 7A** – Excavation for Slurry Wall

Other Activities

- **Land acquisition** – Weekly calls with team. Process moving forward. Timing has impacted schedules.
 - BP #3 is past critical path date for submittal of information to the Corps by May 2015
 - BP #7B request by contractor for CO due to scheduling issues
- **Potential Change Orders from Contractors**
 - As indicated earlier in presentation:
 - Obstructions encountered during drilling – impacting BP #4, 5, 6
 - RW re-design for 60 slot BP #4, 5, 6
 - Blanket drain modifications BP #3

There was a brief discussion regarding the obstructions that are being encountered during the relief well construction process. Mr. Martin described the debris, wood and cobbles in excess of five and one inches in diameter that is being encountered and the full time inspection being performed by AMEC during the drilling process.

He also indicated that BP #3 Change Order No. 7 Indian Creek Rip Rap, discussed last month and which concern about cost was expressed, had actually turned out to be about forty percent of the anticipated cost.

Mr. Parks arrived during the presentation.

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. Pennekamp to accept the AMEC progress report. Mr. Maher called the roll and the following votes were made on the motion:

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

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

The motion was approved unanimously.

Change Order BP #7A

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

Mr. Etwert indicated as he mentioned in the Progress Report earlier that there was only one change order on the agenda today, which AMEC would be explaining. 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.

Mr. Jon Omvig provided a brief explanation of the change order process and how at times it isn't practical to stop the contractor when a field decision needs to be made quickly and there isn't time to wait for the next Board meeting for approval without incurring additional costs for delay or remobilization. He then explained Change Order No. 3 of Bid Package 7A, which is that type of a change order.

Bid Package 7A – Change Order 3 Excavation Quantity Adjustment \$98,660.80

On 11/27/2014 Kamadulski (the Contractor) submitted a change order request for \$98,660.80, citing an increase in quantity for the Bid Line Item #0009 (Excavation – Levee Slope and Crown; b. – All over 12,030 CY). The planned quantity for excavation was 16,040 Cubic Yards (CY). The Contractor submitted the change order request stating that they excavated approximately 28,296 CY, resulting in a difference of 12,256 CY at a unit bid price of \$8.05 / CY.

AMEC requested all surveyed points from the Contractor's surveyor and reviewed each set of points to compare against the planned quantities. The point files received from the Contractor contained a sufficient number of ground elevation points to determine a representative excavation volume.

Approximately 1,860 CY of the difference was due to the difference in existing grade elevations. The original design was based on LiDAR survey data obtained from the U.S. Army Corps of Engineers St. Louis District. The survey points obtained from the Contractor are from a ground topographic survey. On average, the elevation discrepancy between the LiDAR survey and the actual ground survey was approximately 0.27 ft. (3.3 in.). This is within the generally accepted tolerance level for a LiDAR survey (< 0.5 ft., or 6 in.).

The remaining 10,396 CY was due to the Contractor cutting deeper than planned in certain areas. The planned excavation quantity was based on a 5 ft. thick cut under existing grade. These additional cuts are a result of irregularities in the levee face that are were not reasonably feasible to avoid. For instance, where there are utility crossings and road crossings, the levee is mounded up to accommodate the additional material needed to cover the utilities and properly grade out the roads. To accommodate the aggressive schedule required to meet the certification deadline for Upper Wood River Levee, the contractor used a Dozer with GPS to grade out the bottom of the excavation cut, which generally requires a flat working surface; therefore was not able to cut exactly 5 ft. down from existing grade at the areas of irregularities.

Cutting exactly (or closer to) 5 ft. from existing grade would have required substantial staking and survey during the cut, resulting in an increased schedule and increased possibility of missing the window of time this past fall to construct the shallow cutoff wall. AMEC has reviewed all the points and grading surfaces in both AutoCAD Civil 3D and InRoads (a MicroStation Add-In) to verify the volume is accurate.

AMEC agrees with the Contractor that this change order is warranted; AMEC recommends Change Order 3 to Bid Package 7A in the amount of \$98,660.80.

There was a discussion regarding the use of LiDAR information instead of actual ground survey on other projects and Mr. Omvig stated that there is a potential for a similar situation on the deep cutoff wall project. He stated that LiDAR was used to avoid possible changes in surface elevations which would be considered a significant change in the plan and affect the 408 review which has to go to headquarters for approval. Also, the additional cost would have still occurred if ground surveying had been utilized and that based on other bid packages the additional volume did not affect the unit cost.

Mr. Etwert requested that the Chief Supervisor be authorized to approve BP #7A - Change Order 3 – Excavation Quantity Adjustment at a cost not to exceed \$98,660.80.

Mr. Conrad asked for a motion to accept the recommendation on the change orders. A motion was made by Mr. Parks with a second by Mr. Pennekamp to authorize the Chief Supervisor to approve BP #7A - Change Order 3 – Excavation Quantity Adjustment at a cost not to exceed \$98,660.80. Mr. Maher called the roll and the following votes were made on the motion.

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

The motion was approved unanimously.

500-Year (Authorized) Level Flood Protection

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

Mr. Etwert explained that with the Corps of Engineers' decision on the utilization of Project Labor Agreements, the FPD must now look at alternatives for achieving the authorized 500-year flood level of protection.

At last month's Board meeting Mike Feldmann requested that the Corps and the FPD get together and form a partnership to develop a clear long term plan for the 500-year authorized level of protection for the area.

On December 2nd, Mr. Etwert indicated, he met with Jon Omvig and Tracey Kelsey, to start the process.

As Mr. Feldmann indicated in his presentation last month, there are a number of conditions that need to be satisfied, before work can be eligible for the In-Kind Credit.

While the implementation guidelines for the recently passed Water Resources and Development Act (WRRDA) are being developed, the Corps is using Memorandums of Understanding to achieve eligibility of projects on an interim basis. The Board has authorized the Chief Supervisor to enter into these MOUs.

There is still the issue of the Integral Determination Report (IDR) which describes the work that is to be or was constructed is integral to the Design Deficiency Project and what portion would be eligible for credit.

Also, In-Kind Credit requires the amendment of the Project Partnership Agreements, which will identify what will exactly be eligible and is the final step.

Mr. Etwert indicated that the traditional approach of providing the 35% non-federal cost share to the Corps and the Corps handling the total design and construction will not be utilized due to the Corps' lack of PLAs in their construction contracts.

However, there were still possible venues that can be taken to utilize federal funding.

He said he wanted to generally explain a couple of scenarios on how to proceed to the Board today, and next month provide details and costs estimates and expectations of achievement. These would be based on the utilization of the \$95 million, currently estimated, to be available after completion of the 100-year projects and the issuance of additional bonds as presented in Columbia Capital's Scenario No. 2 in August of this year.

He presented two scenarios to the Board, and indicated there may be others as the FPD continues to look other possible alternatives.

Scenario No. 1

AMEC would be responsible for all the design (including field work) and construction management. The Corps will continue to be involved in construction observation. All construction would include the utilization of PLAs. Projects to be completed would be determined by coordinating with the Corps to determine complexity of permitting and approval (408 process), but most likely would be the relief well/pump station type and not deep cutoff wall type. The FPD would be financially responsible for all design, construction, mitigation, property acquisition, hazardous material removal, etc. As indicated in the MOUs, all work, including mitigation, ROW acquisition, HTRW, and utilities would be executed per federal regulations.

AMEC is currently determining what their cost of design would be for the projects that the Corps recently requested non-federal cost share funds. In addition, they are working on a proposal to review the Corps priority list and develop a game plan on how the FPD can be most effective with the funds that we will have available after completing the 100-year projects.

The goal is to ensure that all funds spent (subject to MOU, IDR, and PPA conditions) would be considered for In-Kind Credit, which in turn, could be used part of the FPD's 30% towards other projects completely designed and constructed by the Corps, such as the deep cutoff walls. The FPD would also have to contribute 5% cash (a Corps requirement) towards the total cost of the Design Deficiency Projects, for the normal total non-federal share contribution of 35%.

Projects would probably get designed quicker with this approach, but Corps approval of the 408 etc. will take longer since the design is by others and not the Corps. It may be possible to have the Corps involved during the design process, in order, to speed up Corps review and approval. This would probably require some additional FPD funding by the FPD to the Corps, but it would be justified with a quicker schedule and probability that these funds could be counted as part of the 5% cash requirement. It would also provide a mechanism for continued request of federal funds in future fiscal years.

Scenario No. 2

This would be very similar to the first scenario, except in this case, the Corps would be responsible for an initial partial design of projects (percent to be determined), with AMEC taking over and completing the design. Having the Corps involved in the initial design phase would assist in the Corps approval of the 408 reviews etc. and allow for greater execution of federal funds. All field exploration required for the design would be handled by AMEC with the inclusion of a PLA. The non-federal share of the cost of the Corps providing the initial design would be considered part of the 5% cash requirement.

The goal of this approach is to determine the optimum balance of Corps and AMEC design that results in the least overall cost, including 408 submittal/review/approval process.

These scenarios allow for the area to take advantage of available matching federal funds and achieve a greater utilization of funds spent utilizing PLAs. He indicated that he had received further clarifications regarding the use of In-Kind Credits since the agenda had been distributed, therefore, changing the possible overall percentage of PLA utilization. The percentage is dependent on the involvement of the Corps in the design process and the amount of credit the FPD is given for previous cash contributions towards design of Design Deficiency Projects. The FPD has provided \$2,155,250 towards design during the last year.

Both scenarios eliminate the duplicate process that was utilized in the recent Wood River Cutoff Walls. Of course, the Corps utilization of the FPD's In-Kind Credits would be subject to their allocated funding in future years, but at least the FPD's In-Kind Credit portion and cash portion would be available.

It is probable that the earliest the FPD would have any In-Kind Credits available would be at the end of 2015, when BP #7B is completed. At this point in time, BP #7B is the only project the Corps feels is eligible for In-Kind Credit.

He indicated his intent to work with AMEC and the Corps of Engineers to finalize details of these approaches and possibly others and make a joint presentation to the Board in January.

It was confirmed, that the Corps only proceeds on bidding a project after the funds have been directly committed by the non-federal partner. Per Corps regulations, the Corps cannot bid a project on the basis that it would only award, if the low bid includes a PLA.

There was a brief discussion regarding the maintenance and operations of the facilities being built for the 100-year level of protection. Mr. Etwert indicated that it is the FPD's intention to meet with the Levee Districts and discuss these needs, and with the assistance of HuschBlackwell, offer alternatives for increasing revenues to provide additional funding for O & M if needed. The FPD wants to ensure the projects are properly operated and maintained by the Levee Districts.

Mr. was asked if he had a preference between the two scenarios, and he indicated that he leaned towards scenario number two involving the Corps in the initial design with AMEC completing the design, which would then allow for quicker reviews and projects could be built quicker. Also, funds spent with the Corps could be used towards part of the 5% cash requirement on future projects.

However, either scenario is a way to utilize available federal funds and satisfy the Board's policy regarding the use of PLAs. He didn't see a downside to either approach since each would move towards accomplishing the 500-year level of protection, utilize federal funds and get the needed projects built. He reminded the Board that the earliest that In-Kind Credits would be available would be at the end of 2015.

Each scenario allows for projects to be built by the FPD in the next few years and build up In-Kind Credits for future Corps projects.

There was a brief discussion on the status of the designs that the FPD provided funds to the Corps in 2014. It was explained that the designs would be completed soon and be available for bidding in the spring. However, these are the two projects that the FPD did not commit to construction funding due to the Corps' PLA decision.

Mr. Feldmann suggested that the FPD consider utilizing both scenarios. It may advantage for the Corps to start the design of some projects and for AMEC to do the total design on others. He also indicated that during the course of the design of the 100-year projects the Corps and AMEC have developed an efficient team working relationship. Mr. Martin confirmed this relationship between AMEC and Corps designers.

Mr. Etwert emphasized that the scenarios presented were the result of a joint effort between the FPD, AMEC and the Corps.

A motion was made by Mr. Pennekamp with a second by Mr. Polka to accept Mr. Etwert's report.

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

- Mr. Polka - Aye
- Mr. Brinkman – Aye
- Mr. Bergkoetter - Aye
- Mr. Conrad - Aye
- Mr. Long – Aye
- 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 to provide the report from the Corps.

Ms. Kelsey then used a PowerPoint® presentation to provide the Project Status of the Metro East Projects. She discussed the status of the current design of the Upper Wood River Shallow Cutoff Wall (ready for bid in early 2015), the Lower Wood River Deep Cutoff Wall (contract award September 2015), and the East St. Louis Deep Cutoff Wall (contract award September 2015). All are on schedule and moving forward with the ability to bid and award pending funding in 2015.

Next she discussed the In-Kind Credit Memorandums of Understanding (MOUs), which are the result of WRRDA 2014 becoming law back in June. The law requires that some sort of agreement has to be in place prior to work starting for credit to be eligible. The Wood River MOU has been executed, the East St. Louis is in review, and the Prairie Du Pont/Fish Lake is being prepared

Once the MOUs are completed the Corps will move forward with the Integral Determination Reports (IDRs), which describes the work that is to be or was constructed and what portion would be pursued for credit. These reports are approved at the ASA level.

Next would be the amendment of the existing Project Partnership Agreements in Wood River and East St. Louis to include In-Kind Credits and the inclusion of In-Kind Credits in the Prairie Du Pont/Fish Lake Project Partnership Agreement when it is initially executed.

She again stress that the Corps doesn't have WRRDA implementation guidelines yet, and they are working with what information they currently know and expect to come out of the guidance.

She indicated that there is the opportunity to initiate additional design for three pump stations and forty-six relief wells in the Wood River area and three segments of the deep cutoff wall in the East St. Louis area. There are still fund available from FY2014 for this design and this is one option for the Board to consider.

Lastly, she mentioned the recent meeting with AMEC and the FPD which discussed the possible paths forward to keep the project moving and achieving the 500-year level of protection.

Mr. Long left at the beginning of the presentation.

A motion was made by Mr. Maher 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 - Aye
Mr. Brinkman – Aye
Mr. Bergkoetter - Aye
Mr. Conrad - Aye
Mr. Long – absent
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. There were none.

The was a brief Board discussion thanking Commissioner Delbert Wittenauer for his service to the FPD and the Board requested that Mr. Etwert prepare and send a letter to Mr. Wittenauer reflecting their feelings.

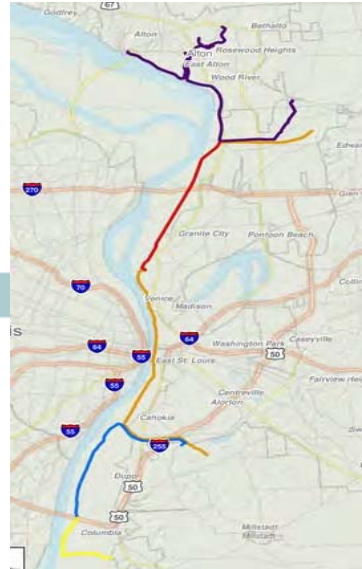
Adjournment

A motion was made by Mr. Parks, seconded by Mr. Brinkman 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
December 17, 2014
SW IL Levee System
By Jay Martin**



Construction Status

- **BP #2A – Fish Lake Pump Station**
 - Final walk through was held on November 25, 2014.
 - AMEC determined a few items on the final punch list were not complete. Corrections in progress.
 - Contractor has invoiced for 100% of the contract value less retainage.
 - Contractor/AMEC developing record documents.

- **BP #2B - WR/MESD/PDP Pump Stations**
 - Site 5 – Structures, Force Mains, Earthwork, and Electrical Complete. Force main testing and setting of pumps will be complete in December.
 - Site 10 – Structures, Force Mains, and Earthwork Complete. Pumps Installed. Electrical rough-in is in progress and will be complete in December.
 - Site 12 – Intake Structure 75% complete. Electrical work to begin late January.
 - Site 15 – Pump station is complete. Ready for Pre-final inspection.
 - Site 16 – Pump station is complete except for startup and testing. Awaiting primary power hookup from Ameren scheduled for mid to late December.

Construction Status



- **BP #2C – Site 12 Pump Station Force Mains**
 - Haier Plumbing is the low bidder out of the two bidders for this project. Awaiting December 17, 2014 County Board Meeting for final approval
 - Contractor plans to mobilize January 2015.

- **BP #03 – WR Seepage Improvements**
 - Critical Delay: Land acquisition still impacting full mobilization; Project duration is approximately 7 months minimum (weather dependant) after land acquisition is complete.
 - Piezometer installation continues.
 - Rip Rap in Creek at the Cahokia Creek Diversion Channel is complete.
 - RW Collector System piping 50% complete at Blanket Drain #3.
 - Design changes complete associated with IDOT drainage system impacting Blanket Drain #3 & #4 These will be submitted to contractor this month.

3

Construction Status



- **BP #04 – MESD Seepage Improvements (Conoco Phillips)**
 - Valve vault and outfall structures complete. Intake structure to be complete by late December.
 - Force Mains on riverside between outfall and valve vault structures are complete.
 - Relief well work continues.
 - RW collector system work to begin late December.
 - Clay Cap work is delayed until Summer 2015.
 - Amec working with Contractors on negotiating cost impacts from construction obstruction and change in RW design.

- **BP #05 – MESD Seepage Improvements (MESD excluding Conoco Phillips)**
 - Relief well drilling continues. 40 of 72 RWs have been drilled. Drilling production has been impacted greatly by groundwater elevations.
 - Relief well collector system on south flank of MESD by Site 10 and Site 16 in progress. Contractor setting RW manholes and tying into previously constructed collector system
 - Clay Cap work is delayed until Summer 2015
 - Amec working with Contractors on negotiating cost impacts from construction obstruction and change in RW design.

4

Construction Status



- **BP #06 – PDP/FL Seepage Improvements**
 - Relief well drilling continues. 24 of 67 RWs have been drilled.
 - Seepage berm construction continues.
 - Clay Cap work resumes. Weather impacting production.
 - Sluice Gate rehabilitation/replacement in progress at Palmer Creek Pump Station.
 - Lining of the triple 84" culverts at Palmer Creek Pump Station has resumed.
 - Amec working with Contractors on negotiating cost impacts from construction obstruction and change in RW design.

- **BP #7A – Shallow Cut Off Wall**
 - Slurry Wall construction anticipated to be complete next week. Levee backfill may be delayed until weather conditions are suitable to obtain the proper compaction.
 - SAR Team site visit for initial wall construction went well. Minor comments addressed in their report
 - Piezometers have been installed; monitoring is ongoing.

5

Construction Status



- **BP #7B – Deep Cut Off Wall**
 - Notice of Award issued September 9, 2014
 - Contract Executed September 12, 2014
 - Olin signed the land agreement the week of December 5, 2014.
 - SWILCD and Amec met with Kiewit to discuss the delayed NTP issues.

6

Bid Package 2B



Site 5 Fencing Around Intake Structure



Bid Package 2B



Site 10 Installing Force Main Support Brackets



Bid Package 2B



Site 12 Tying Rebar for Bottom Slab of Intake Structure



Bid Package 2B



Site 15 Complete



Bid Package 2B



Site 16 Fencing Around Intake Structure



Bid Package 3



Collector System Piping at Blanket Drain #3



Bid Package 04



Site 09 Intake Structure



13

Bid Package 05



Setting RW Manholes and Tying in Laterals



14

Bid Package 06



New Sluice Gate for Palmer Creek Pump Station 84" Gravity Drains

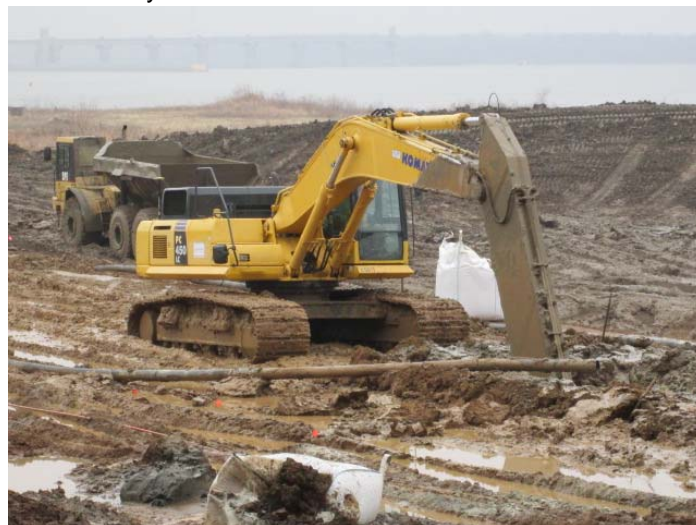


15

Bid Package 7A



Excavation for Slurry Wall



16

- Land acquisition – Weekly calls with the team. Process moving forward. Timing has impacted schedules.
 - BP 3 is past critical path date for submittal of information to the Corps by May 2015.
 - BP 7B request by contractor for CO due to scheduling issues.

- Potential Change Orders from Contractors
 - As indicated earlier in presentation:
 - Obstructions encountered during drilling – impacting BP #4, 5, 6
 - RW re-design for 60 slot BP #4, 5, 6
 - Blanket drain modifications BP #3

Thanks for your
attention

Metro East Projects, IL

PROJECT STATUS

- Cutoff Wall Design
- Next Increment of Design – Wood River and East St. Louis
- Work-in-Kind Credit
 - Design/Construction
 - Memorandum of Understanding (MOU)
 - Wood River – executed
 - ESTL – MVD Review
 - PdP/FL – preparing draft
 - Implementation Guidance
 - Integral Determination Report (IDR)
 - Wood River and East St. Louis
 - Amend Project Partnership Agreements



BUILDING STRONG®



Memo to: Board of Directors
From: Chuck Etwert
Subject: Program Status Report for January 2015
Date: January 19, 2015

We continue to work on the acquisition of easements needed to complete the projects that have been awarded. I am pleased to report that the easement required from the American Oil Company and the remaining individual have finally been obtained. We are now down to one owner, Union Pacific, involving 3 parcels on the BP #3 construction project. As previously mentioned, 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 52% of the \$45.0 million of construction, involved in the seven construction bid packages that have started, has been completed thru December 31st. With 2.66 million dollars' worth of construction completed in December, the total amount of construction completed is now \$23.3 million.

We have three change orders on this month's agenda, all involving construction obstructions being encountered during Relief Well construction on Bid Packages #4, #5, and #6. AMEC will be explaining them later in the meeting.

On December 23rd, we received a request from the Corps of Engineers to resend our request for In-Kind Credit for the Non-Federal Design and Construction of Supplemental Design Deficiency Corrections for East St. Louis, Illinois Flood Protection Project and the Prairie Du Pont – Fish Lake Flood Protection System in Southwestern Illinois. The Corps wanted an updated letter that included a brief description of the work to be considered for credit. It also requested, that the request be separated into two requests, one for each project. Revised requests (previously e-mailed to each Board member) were sent to the Corps the same day. Copies will be provided at the meeting.

On January 13th, I attended by phone, a debriefing by the Corps, on their recent PLA decision, to the area's elected delegation in Washington, DC. Senator Durbin's office had requested the debriefing by the Corps, which was attended by representatives from his staff and the staff of Senator Kirk, and Congressman Davis, Shimkus, and Bost. Colonel Mitchell with the assistance of other Corps representatives provided the debriefing.

I was able to provide the same concerns that I expressed at last month's board meeting regarding the Corps Response Summary and the lack of reviewing FPD bid line items to bid line items on previous Corps projects. Even the additional information, I received from the Corps after our December meeting, doesn't provide a comparison of bids with or without a PLA.

Unfortunately, after all was said and done, the best the Corps could offer was to allow bidders to submit proposals with a PLA, without a PLA, or both, with the lowest technically acceptable price being selected with or without a PLA. There would be guarantee of the utilization of a PLA. This is the same offer that Colonel Hall made to the Board last June.

To date, there hasn't been any response to Senator Durbin's November 17, 2014 letter to President Obama requesting the override of the Corps' decision to not require Project Labor Agreements (PLAs) on contracts pertaining to federal levee improvement projects in the East St. Louis, Prairie Du Pont/Fish Lake, and Wood River areas of Illinois.

The FPD is also still waiting for responses to our requests to the Corps for consolidation of the separately authorized levee projects located in Madison, Monroe, and St. Clair counties and the consideration that the levee projects within these Counties be considered for the Water Infrastructure Public-Private Partnership Pilot Program. Decisions on these requests are dependent on the Water Resources Reform and Development Act (WRRDA) of 2014 implementation guidelines that are currently being developed.

Last month I provided you some preliminary approaches on how the FPD utilizing PLAs might be able to work with the Corps and move forward towards obtaining the 500-Year (Authorized) Level Flood Protection. I will discuss this more, later in the meeting.

I have included in your Board packet a copy of AMEC's Monthly Progress Report for December and a copy of the appreciation letter sent to Commissioner Wittenauer for service to the Council.



**Southwestern
Illinois
Flood Prevention
District Council**

104 United Drive
Collinsville, IL 62234

618-343-9120
Fax 618-343-9132

www.floodpreventiondistrict.org

December 23, 2014

Board of Directors

John Conrad
President

Jim Pennekamp
Vice President

Dan Maher
Secretary-Treasurer

Paul Bergkoetter

Bruce Brinkman

Thomas Long

Ron Motil

Alvin L. Parks Jr.

Ronald Polka

Charles M. Etwert
Chief Supervisor of
Construction and the Works

Ms. Tracey Kelsey
St. Louis District
U.S. Army Corps of Engineers
1222 Spruce Street
St. Louis, MO 63103-2833

**RE: In-Kind Credit for Non-Federal Design and Construction
Of Design Deficiency Corrections for the East St. Louis,
Illinois Flood Protection Project**

Dear Ms. Kelsey:

This letter is to request In-Kind Credit for the Non-Federal Design and Construction of Design Deficiency Corrections for the East St. Louis, Illinois Flood Protection Project in Southwestern Illinois. As with our recent request for the Wood River Levee System, we respectfully ask for an expeditious review and prompt reply to our request.

The Southwestern Illinois Flood Prevention District Council (Council) desires to receive in-kind credit for work provided or performed and deemed by the Corps of Engineers as integral to the Project. This work generally consists of new relief wells, filling existing wood stave relief wells, ditching and pipe collector systems, pump stations, a lift station, seepage berms, and cutoff walls, and all appurtenant works. The Council desires to receive all of the non federal credit that it may be eligible to receive for the significant financial investment that it is being made in our region. Your assistance in the endeavor is appreciated.

Sincerely,

Mr. Charles M. Etwert
Chief Supervisor of Construction and the Works
Southwestern Illinois Flood Prevention District Council

a regional partnership to rebuild Mississippi River flood protection



cc: FPD Board Members
Alan Dunstan, Madison County Board Chairman
Mark Kern, St. Clair County Board Chairman
Terry Liefer, Monroe County Board Chairman
Robert Shipley, Metro East Sanitary District
David Human, Husch Blackwell, LLP
Jon Omgig, AMEC



**Southwestern
Illinois
Flood Prevention
District Council**

104 United Drive
Collinsville, IL 62234

618-343-9120
Fax 618-343-9132

www.floodpreventiondistrict.org

December 23, 2014

Ms. Tracey Kelsey
St. Louis District
U.S. Army Corps of Engineers
1222 Spruce Street
St. Louis, MO 63103-2833

Board of Directors

John Conrad
President

Jim Pennekamp
Vice President

Dan Maher
Secretary-Treasurer

Paul Bergkoetter

Bruce Brinkman

Thomas Long

Ron Motil

Alvin L. Parks Jr.

Ronald Polka

**RE: In-Kind Credit for Non-Federal Design and Construction
Of Design Deficiency Corrections for the Prairie Du Pont
And Fish Lake Flood Risk Reduction Project**

Dear Ms. Kelsey:

Charles M. Etwert
Chief Supervisor of
Construction and the Works

This letter is to request In-Kind Credit for the Non-Federal Design and Construction of Design Deficiency Corrections for the Prairie Du Pont – Fish Lake Flood Protection System in Southwestern Illinois. As with our recent request for the Wood River Levee System, we respectfully ask for an expeditious review and prompt reply to our request.

The Southwestern Illinois Flood Prevention District Council (Council) desires to receive in-kind credit for work provided or performed and deemed by the Corps of Engineers as integral to the Project. This work generally consists of new relief wells, filling existing wood stave relief wells, ditching and pipe collector systems, pump stations, seepage berms, and all appurtenant works. The Council desires to receive all of the non federal credit that it may be eligible to receive for the significant financial investment that it is being made in our region. Your assistance in the endeavor is appreciated.

Sincerely,

Mr. Charles M. Etwert
Chief Supervisor of Construction and the Works
Southwestern Illinois Flood Prevention District Council

a regional partnership to rebuild Mississippi River flood protection



cc: FPD Board Members
Alan Dunstan, Madison County Board Chairman
Mark Kern, St. Clair County Board Chairman
Terry Liefer, Monroe County Board Chairman
Michael Sullivan, Prairie Du Pont Levee and Sanitary District
Gary Stumpf, Fish Lake Drainage and Levee District
David Human, Husch Blackwell, LLP
Jon Omvig, AMEC



**Southwestern
Illinois
Flood Prevention
District Council**

104 United Drive
Collinsville, IL 62234

618-343-9120
Fax 618-343-9132

www.floodpreventiondistrict.org

December 22, 2014

Hon. Delbert Wittenauer, Commissioner
Monroe County Board
100 South Main Street
Waterloo, IL 62298

Board of Directors

John Conrad
President

Jim Pennekamp
Vice President

Dan Maher
Secretary-Treasurer

Paul Bergkoetter
Bruce Brinkman
Thomas Long
Ron Motil

Alvin L. Parks Jr.
Ronald Polka

Charles M. Etwert
Chief Supervisor of
Construction and the Works

Dear Commissioner Wittenauer:

The Southwestern Illinois Flood Prevention District Council would like to express its appreciation for your years of services to the Council. With your assistance, utilizing only the revenues available from the dedicated FPD sales tax, the Council will achieve compliance with FEMA accreditations requirements in the near future. Thus avoiding significant economic consequences to the American Bottom area.

Your commitment to preventing de-accreditation has resulted in the issuance of ninety four million dollars in bonds, the design of the 100-year level of protection project and the award of over fifty-five million dollars in construction contracts.

Again, on behalf of the Council thank you for all the time and effort you have put forth and best wishes in the future.

Sincerely,

Charles M. Etwert
Chief Supervisor of Construction and the Works

cc: FPD Board





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

Monthly Project Progress Report January 2015

AMEC Project No. 563170001
Period Ending Date: January 12, 2014

Date of Issue: January 15, 2014

Table of Contents

1. OVERVIEW	4
1.1 PROJECT DESCRIPTION	4
1.2 AMEC SCOPE	4
1.3 KEY CONTACTS / PEOPLE	4
2. HEALTH, SAFETY, SECURITY, ENVIRONMENT (HSSE)	5
2.1 HSSE REPORTS	5
3. PROJECT STATUS UPDATE	6
3.1 BID PACKAGE 2A	6
3.1.1 Calendar	6
3.1.2 Progress	6
3.1.3 Property Acquisition.....	6
3.1.4 Levee Board Considerations	6
3.1.5 Submittals	6
3.1.6 Change Orders	6
3.1.7 Field Activities and Look Ahead	6
3.1.8 QC/QA Activities	6
3.1.9 Considerations	6
3.1.10 Payment Progress.....	6
3.2 BID PACKAGE 2B	7
3.2.1 Calendar	7
3.2.2 Progress	7
3.2.3 Property Acquisition.....	7
3.2.4 Levee Board Considerations	7
3.2.5 Submittals	7
3.2.6 Change Orders	7
3.2.7 Field Activities and Look Ahead	7
3.2.8 QC/QA Activities	7
3.2.9 Considerations	8
3.2.10 Payment Progress.....	8
3.3 BID PACKAGE 2C	9
3.3.1 Calendar	9
3.3.2 Progress	9
3.3.3 Property Acquisition.....	9
3.3.4 Levee Board Considerations	9
3.3.5 Submittals	9
3.3.6 Change Orders	9
3.3.7 Field Activities and Look Ahead	9
3.3.8 QC/QA Activities	9
3.3.9 Considerations	9
3.3.10 Payment Progress.....	9
3.4 BID PACKAGE 3.....	10
3.4.1 Calendar	10
3.4.2 Progress	10
3.4.3 Property Acquisition.....	10
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	11
3.4.8 QC/QA Activities	11
3.4.9 Considerations	11
3.4.10 Payment Progress.....	11
3.5 BID PACKAGE 4.....	12
3.5.1 Calendar	12
3.5.2 Progress	12
3.5.3 Property Acquisition.....	12

3.5.4	Levee Board Considerations	12
3.5.5	Submittals	12
3.5.6	Change Orders	12
3.5.7	Field Activities and Look Ahead	12
3.5.8	QC/QA Activities	12
3.5.9	Considerations	12
3.5.10	Payment Progress	12
3.6	BID PACKAGE 5	13
3.6.1	Calendar	13
3.6.2	Progress	13
3.6.3	Property Acquisition	13
3.6.4	Levee Board Considerations	13
3.6.5	Submittals	13
3.6.6	Change Orders	13
3.6.7	Field Activities and Look Ahead	13
3.6.8	QC/QA Activities	13
3.6.9	Considerations	13
3.6.10	Payment Progress	13
3.7	BID PACKAGE 6	14
3.7.1	Calendar	14
3.7.2	Progress	14
3.7.3	Property Acquisition	14
3.7.4	Levee Board Considerations	14
3.7.5	Submittals	15
3.7.6	Change Orders	15
3.7.7	Field Activities and Look Ahead	15
3.7.8	QC/QA Activities	15
3.7.9	Considerations	15
3.7.10	Payment Progress	15
3.8	BID PACKAGE 7A	16
3.8.1	Calendar	16
3.8.2	Progress	16
3.8.3	Property Acquisition	16
3.8.4	Levee Board Considerations	16
3.8.5	Submittals	16
3.8.6	Change Orders	16
3.8.7	Field Activities and Look Ahead	16
3.8.8	QC/QA Activities	16
3.8.9	Considerations	17
3.8.10	Payment Progress	17
3.9	BID PACKAGE 7B	18
3.9.1	Calendar	18
3.9.2	Progress	18
3.9.3	Property Acquisition	18
3.9.4	Levee Board Considerations	18
3.9.5	Submittals	18
3.9.6	Change Orders	18
3.9.7	Field Activities and Look Ahead	18
3.9.8	QC/QA Activities	18
3.9.9	Considerations	18
3.9.10	Payment Progress	18

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 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 Scope

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

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

1.3 Key Contacts / People

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

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

2.1 HSSE Reports

Health/Safety
<p>The Contractors continue to conduct daily toolbox safety talks.</p> <p>Amec continues to conduct monthly safety meetings with the contractors every third Tuesday.</p> <p>Amec construction inspector fractured ankle walking down levee embankment on December 30, 2014.</p>
Security
<p>No issues during this reporting period.</p>
Environment (SWPPP)
<p>Amec Environmental representative checking dewatering efforts on a weekly basis. There are no reported issues.</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

ID	Description	Target	Actual	Comments
A	Site 1 Pump Station	December 1, 2014	Complete	Complete but holding \$1800 retainage for turf establishment.

3.1.3 Property Acquisition

- The project is complete.

3.1.4 Levee Board Considerations

- The project is complete.

3.1.5 Submittals

- Final project closeout submittals.

3.1.6 Change Orders

- See Change Order Log attached.

3.1.7 Field Activities and Look Ahead

- The project is complete.

3.1.8 QC/QA Activities

- 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 released (except for \$1800 retainage for turf establishment).

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	June 2015
Final Walk Through	
Final Acceptance	

3.2.2 Progress

ID	Description	Target	Actual	Comments
A	Construct Site 10 Pump Station	Jan 2014	90%	The pump station is complete except for start-up and testing.
B	Construct Site 16 Pump Station	Jan 2014	92%	The pump station is complete except for start-up and testing. Awaiting primary power hookup from Ameren.
C	Construct Site 5 Pump Station	Jan 2014	95%	The pump station is complete except for start-up and testing.
D	Construct Site 12 Pump Station	April 2015	75%	The intake structure is complete except for start-up and testing. Awaiting power hookup from Ameren.
E	Construct Site 15 Pump Station	Jan 2014	95%	The pump station is complete. Pre-final inspection to be scheduled.

3.2.3 Property Acquisition

- All property is acquired.

3.2.4 Levee Board Considerations

- None

3.2.5 Submittals

- Submittal process ongoing.

3.2.6 Change Orders

- See Change Order Log attached

3.2.7 Field Activities and Look Ahead

- See above table

3.2.8 QC/QA Activities

- Juneau/SCI onsite performing testing activities.

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	Awaiting contractor signature.
Schedule received	
Anticipated start of field activities	
Start of field activities	
Anticipated completion date	
Final Walk Through	
Final Acceptance	

3.3.2 Progress

ID	Description	Target	Actual	Comments
A	Contract			Contract sent to Contractor for signature.
B	Notice to Proceed			Work on this site will not begin until October 15, 2015 in order to comply with the 408 permit (work only permitted from October 15 to March 15). The NTP will be issued mid-year to enable the contractor to order long lead delivery items.

3.3.3 Property Acquisition

- All property is acquired.

3.3.4 Levee Board Considerations

- The 408 permit, limits the work on this station to be performed from October 15 to March 15. The final approve for the 2C Contract was on December 17, 2014. The awarded contractor cannot complete the project by March 1, 2015, due to long lead check valve delivery item and soil moisture/compaction issues. Verbally, Hair Plumbing indicated they would perform the work at the same cost when it can be awarded later this year. Amec recommends time extension of the contract for a completion date of December 31, 2015.

3.3.5 Submittals

- None

3.3.6 Change Orders

- None

3.3.7 Field Activities and Look Ahead

- None

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 land acquisition. The project will take 7 months to complete once the land acquisition is obtained.</i>
Final Walk Through	
Final Acceptance	

3.4.2 Progress

ID	Description	Target	Actual	Comments
B	Relief Wells and Piezometers	TBD	50%	Piezometer installation continues (35 of 51 PZs complete)
D	Blanket Drain 3 construction	Jan 2015	20%	RW collector system complete.
F	Blanket Drain 5 to begin Feb.	April 2015	0	Recent land acquisition has allowed the contractor to perform work on Blanket Drain 5.

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 railroad parcels which encompass 6 sites. Another partial NTP has been issued to cover the updated property acquisition.
- Due to recent land acquisition, a 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 will have to be renegotiated.
- Design changes at Blanket Drains 1, 2 and 4, relief well relocations at Hawthorne are forthcoming. Construction costs and schedule will be affected.

3.4.5 Submittals

- Submittal process ongoing.

3.4.6 Change Orders

- 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. Project duration is approximately 7 months minimum (weather dependant) after land acquisition.
- 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	June 2015
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 searching for clay.
B	Relief Wells (new and converted)	Dec 2014	95%	Relief Wells completed. Development and pump tests remaining.
C	Site 09 Intake Structure	Feb 2015	75%	Pump station construction approximately 75% complete.
D	RW collector system	Feb 2015	50%	
E	Clay cap	June 2015		Clay cap work delayed until Summer.

3.5.3 Property Acquisition

- All property is acquired.

3.5.4 Levee Board Considerations

- None

3.5.5 Submittals

- Submittal process is on-going.

3.5.6 Change Orders

- See Change Order Log attached.
- Amec is working negating a Construction Obstruction Rate.
- Amec working with Contractor on Time Extension.

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 2015</i>
Final Walk Through	
Final Acceptance	

3.6.2 Progress

ID	Description	Target	Actual	Comments
A	Relief Wells and Piezometers	Feb 2015	35%	Relief Well drilling on hold due to high ground water and Construction Obstruction resolution (40 of 72 RWs have been drilled).
B	Earthwork	May 2015	45%	Clay Cap work delayed until Summer of 2015.
C	Relief well conversions and collector system by Granite City Pump Station (Site 12, BP #2B)	Feb 2015	0 %	

3.6.3 Property Acquisition

- All property is acquired.
- Temporary Construction Easements are expiring and will have to be renewed.

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.
- Amec Foster Wheeler is working with the Contractor on negotiating a RW Construction Obstruction Rate.
- Amec working with Contractor on time extension.

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	July 2015
Final Walk Through	
Final Acceptance	

3.7.2 Progress

ID	Description	Target	Actual	Comments
A	Seepage Berms	August 2014	75%	Work continues.
B	Clay Caps	April 2014	10%	Clay Cap work has begun. Clay is being stockpiled on slopes. Clay Cap construction will be delayed until Summer 2015
C	Relief Wells and Piezometers	June 2014	41%	Relief well drilling continues. 28 of 67 RWs have been drilled.
D	Pipe Conveyance	October 2014	0%	None
E	Sluice Gate rehabilitation/replacement set to begin Nov/Dec.	Jan 2015	5%	Sluice Gate rehabilitation/replacement in progress at Palmer Creek, PdP East, and Falling Springs Pump Stations. (2 of 3 complete at Palmer Creek, 1 of 1 complete at PdP East, and 1 of 2 complete at Falling Springs).
F	Lining of the triple 84" culverts at Palmer Creek Pump Station will resume upon completion of sluice gate rehabilitations	Feb 2015	5%	Lining of the triple 84" culverts at Palmer Creek Pump Station is on hold until the third gate is complete. (1.5 of 3 culverts have been lined – awaiting warmer temperatures to grout).

3.7.3 Property Acquisition

- All property is acquired.
- Temporary Construction Easements are expiring and will have to be renewed.

3.7.4 Levee Board Considerations

- None

3.7.5 Submittals

- Submittal process ongoing.

3.7.6 Change Orders

- See Change Order Log attached and the Change Order Memo.
- Amec is working with the Contractor on negotiating a Construction Obstruction Rate.
- Amec working with Contractor on time extension.

3.7.7 Field Activities and Look Ahead

- See table above

3.7.8 QC/QA Activities

- ABNA is testing material as it is blended; AMEC and Geotechnology performing QA testing.

3.7.9 Considerations

- River and weather delays.

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	April 2015
Final Walk Through	
Final Acceptance	

3.8.2 Progress

Description	Target	Actual	Comments
2 Piezometers have been installed	Jan 2015	90%	Monitoring is ongoing.
Geo-Solution has demobilized.	Dec 19, 2015	95%	Awaiting final lab results.
Clay Cap	Summer 2015		The levee is degraded. Contractor plans to come back when the weather allows proper compaction/moisture of the clay. The EAP plan is in effect in case of flood.

3.8.3 Property Acquisition

- Not applicable

3.8.4 Levee Board Considerations

- Change order review

3.8.5 Submittals

- On-going

3.8.6 Change Orders

- Contractor has a change order claim for ~ \$140k for the slurry wall face payment. Amec does not agree but will meet to understand the Contractors viewpoint.

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

- Weather delays

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	June 2016
Final Walk Through	
Final Acceptance	

3.9.2 Progress

ID	Description	Target	Actual	Comments
A	NTP			The Olin easement has delayed the NTP.

3.9.3 Property Acquisition

- All property acquired

3.9.4 Levee Board Considerations

- Kiewit has some issues with the Olin License agreement. Amec and Kiewit met to discuss on December 10, 2014.
- Kiewit has requested additional monies due to the Olin Land acquisition delay.

3.9.5 Submittals

- On going

3.9.6 Change Orders

- Kiewit has requested additional monies due to the Olin Land acquisition delay.

3.9.7 Field Activities and Look Ahead

- Notice of Award was September 9, 2014
- The Contract executed September 12, 2014

3.9.8 QC/QA Activities

- Work has not begun.

3.9.9 Considerations

- Notice to Proceed (NTP) was delayed due to the Olin Deed agreement and negotiations are in progress.

3.9.10 Payment Progress

- Although Kiewit has submitted an invoice, Amec will not recommend for payment.

CONTRACT INVOICE LOG

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

Project: SWILCD
Construction Package: BP2A

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

Payment Request No.	Pay Request Date	Pay Request Recommended Approval Date	Total Completed to Date (\$)	Amount Retained (10% to 50%) then (5% to 95%)	Total Earned Less Retained	Current Payment Invoice	Date Paid by FPD	Estimate to Complete Including Retainage (\$)
1	11/15/2013	11/27/2013	\$11,000.00	\$1,100.00	\$9,900.00	\$9,900.00	11/1/2013	\$737,600.00
2	2/5/2014	2/10/2014	\$76,000.00	\$7,600.00	\$68,400.00	\$58,500.00	2/18/2014	\$679,100.00
3	3/6/2014	3/13/2014	\$228,500.00	\$22,850.00	\$205,650.00	\$137,250.00	3/25/2014	\$541,850.00
4	3/31/2014	4/15/2014	\$372,400.00	\$37,240.00	\$335,160.00	\$129,510.00	4/22/2014	\$420,504.00
5	4/30/2014	5/13/2014	\$432,500.00	\$43,250.00	\$389,250.00	\$54,090.00	5/22/2014	\$366,414.00
6	5/31/2014	6/10/2014	\$635,890.00	\$50,742.00	\$585,148.00	\$195,898.00	6/19/2014	\$170,516.00
7	6/30/2014	7/14/2014	\$684,000.00	\$53,147.00	\$630,853.00	\$45,705.00	7/17/2014	\$124,811.00
8	7/31/2014	8/12/2014	\$753,929.00	\$37,895.45	\$716,033.55	\$85,180.55	8/19/2014	\$39,630.45
9	8/31/2014	9/9/2014	\$759,118.21	\$37,895.45	\$721,222.76	\$5,189.21	9/15/2014	\$41,875.45
10	11/30/2014	12/12/2014	\$797,599.53	\$38,094.45	\$759,505.08	\$38,282.32	12/18/2014	\$38,094.45
11	12/31/2015	1/15/2015	\$797,599.53	\$1,800.00	\$795,799.53	\$36,294.45		\$1,800.00

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
Total Change Order Amount: \$146,529.00
Total Revised Contract Amount: **\$4,011,934.00**

Payment Request No.	Pay Request Date	Pay Request Recommended Approval Date	Total Completed and Store to Date	Cumulative Retained (10% to 50%) then (5% to 95%)	Total Earned Less Retained	Current Payment Invoice	Date Paid by FPD	Estimate to Complete Including Retainage(\$)
1	2/5/2014	2/10/2014	\$51,750.00	\$5,175.00	\$46,575.00	\$46,575.00	2/18/2014	\$3,818,830.00
2	3/6/2014	3/13/2014	\$132,450.00	\$13,245.00	\$119,205.00	\$72,630.00	3/25/2014	\$3,746,634.00
3	3/31/2014	4/15/2014	\$504,300.00	\$50,430.00	\$453,870.00	\$334,665.00	4/22/2014	\$3,419,934.00
4	4/30/2014	5/13/2014	\$846,000.00	\$84,600.00	\$761,400.00	\$307,530.00	5/22/2014	\$3,112,404.00
5	5/31/2014	6/12/2014	\$1,295,000.00	\$129,500.00	\$1,165,500.00	\$404,100.00	6/19/2014	\$2,708,304.00
6	6/30/2014	7/14/2014	\$1,736,000.00	\$173,600.00	\$1,562,400.00	\$396,900.00	7/17/2014	\$2,311,404.00
7	7/31/2014	8/11/2014	\$2,180,100.00	\$205,850.00	\$1,974,250.00	\$411,850.00	8/19/2014	\$1,899,554.00
8	8/31/2014	9/8/2014	\$2,927,440.00	\$243,217.00	\$2,684,223.00	\$709,973.00	9/15/2014	\$1,198,151.00
9	9/30/2014	10/9/2014	\$3,144,000.00	\$255,524.00	\$2,888,476.00	\$204,253.00	10/16/2014	\$1,044,498.00
10	10/31/2014	11/7/2014	\$3,420,000.00	\$269,324.00	\$3,150,676.00	\$262,200.00	11/18/2014	\$787,058.00
11	11/30/2014	12/12/2014	\$3,648,600.00	\$282,764.00	\$3,365,836.00	\$215,160.00	12/18/2014	\$647,553.00
12	12/31/2015	1/12/2015	\$3,840,000.00	\$292,334.00	\$3,547,666.00	\$181,830.00		\$464,268.00

TITLE: CONSTRUCTION CHANGE ORDER LOG

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

PROJECT NUMBER: SIFPDC-BP2B

Change Request Number	Description	Change Type (Field, Design, Spec, Other)	Cost to FPD	Cost to Others	As Bid Line Item #	Original Cost of Associated Line Item	% of Original Line Item	% of Original Contract	Date	Status	Comments
1	Building Permit	Field	\$434.00	\$0.00	2B.1	\$ 32,720.00	1.33%	0.01%	2/24/2014	Approved	Required by Monroe County
2	Additional Roadway Aggregate	Field	\$7,965.00	\$0.00	2B.3	\$ 171,825.00	4.64%	0.21%	3/18/2014	Approved	Required by Monroe County
3	Site 10, 12, 15 fence and aggregate changes	Field	\$0.00	\$0.00	NA	NA	0.00%	0.00%	8/12/2014	Approved	Field changes to enable constructability and provide maintenance ease
4	Razor Wire on Fence	Other	\$0.00	\$8,570.00	NA	NA	NA	0.22%	8/19/2014	Approved	Razor wire on fence at Site 10, 12, & 16 per MESD Levee District request; To be paid by MESD
5	Time Extension	Other	\$0.00	\$0.00	NA	NA	0.00%	0.00%	8/19/2014	Approved	Time extension for July 2014 weather/high river days that impeded construction
6*	Site 16 Duct Bank	Field	\$50,600.00	\$0.00	2B.55	\$ 23,990.00	210.92%	1.31%	9/29/2014	Approved	USACE required underground electrical service to pump station per Ameren; Ameren to credit FPD amount paid to Ameren for overhead lines; Board approval required
7	Site 15 Grating and Supports	Field	\$4,760.00	\$0.00		\$ 352,645.00	1.35%	0.12%	10/17/2014	Approved	Grating and support for Site 15 to enable functionality of the system
8*	Site 10 Electric Change	Field	\$74,200.00	\$0.00	2B.27	\$ 17,705.00	419.09%	1.92%	11/19/2014	Approved	Ameren requires upgrades to the existing pump station at Site 10. Board approval required
9	Time Extension	Other	\$0.00	\$0.00	NA	NA	0.00%	0.00%	12/2/2014	Approved	Request for Time Extension to move our completion date to 4/15/15 due to the contract documents for Bid Package 2B contractor is only allowed to work at Site 12 between October 15th to March 15th.
Total of Project Change Orders			\$137,959.00	\$8,570.00						Total	\$ 146,529.00
Original Contract Amount											
\$3,865,405.00											
Revised Contract Amount											
4,011,934.00											
			% Change from Original Amount								
			3.79%								

*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
			Total of Project Change Orders			\$370,408.84				Total	\$ 370,408.84

Original Contract Amount **\$10,082,345.00**
 Revised Contract Amount **10,452,753.84**
 % Change from Original Amount **3.67%**

*Board approval required

TITLE: CONSTRUCTION CHANGE ORDER LOG

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

PROJECT NUMBER: SIFPDC-BP04

Change Request Number	Description	Change Type (Field, 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	Pending	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	Pending	RW Construction Obstruction due to Cobble Layer during drilling
Total of Project Change Orders			\$71,434.45	\$10,598.70						Total	\$ 82,033.15

Original Contract Amount **\$3,190,232.45** Revised Contract Amount **3,272,265.60** % Change from Original Amount **2.57%**

*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
Total Change Order Amount: **\$1,805,685.97**
Total Revised Contract Amount: **\$14,662,813.72**

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

TITLE: CONSTRUCTION CHANGE ORDER LOG

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

PROJECT NUMBER: SIFDC-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 quantizes result in increase of 10% above original line item, Board approval required
4	Air Testing of HDPE Storm Sewer Pipe 12" 18" and 24"	Spec	\$12,040.40	\$0.00	NA	NA	NA	0.09%	7/17/2014	Approved	Specification change to make consistent with other bid packages.
5*	SaniTite pipe upgrade and air testing on 30"-42" pipe	Spec	\$29,566.29	\$0.00	6.25 6.26 6.27	\$ 149,797.00	19.74%	0.23%	7/17/2014	Approved	Specification change to make consistent with other bid packages. Board approval required
6	Vacuum testing manholes	Spec	\$26,950.00	\$0.00	NA	NA	NA	0.21%	7/17/2014	Approved	Specification change to make consistent with other bid packages. Board approval required
7*	Additional Pilot Hole Drilling & Additional Pilot Hole Sampling	Design	\$205,863.75	\$0.00	6.38	\$ 251,775.00	81.76%	1.60%	7/17/2014	Approved	Design change to accommodate actually quantities. Bid quantities were very preliminary since no pilot holes were drilled at the time and Amec had not received the USACE design template for relief wells. Board approval required
8*	Raise to Grade Piezometer	Field	\$4,210.00	\$0.00	6.45	\$ 21,050.00	20.00%	0.03%	7/17/2014	Approved	PZ 689L to be raised to grade to accommodate field conditions. Board approval required
9	Modify Piezometer	Field	\$9,504.00	\$0.00	6.43	\$ 132,960.00	7.15%	0.07%	7/18/2014	Approved	Modify piezometers seal to provide additional concrete
10	Surface Aggregate	Design	\$18,339.63	\$0.00	NA	NA	NA	0.14%	8/25/2014	Approved	12 inch Aggregate Surface Course, Type A' item for driveways and field access roads. This was not included in the original proposal and was added per detail on sheet CC-C513 and various plan sheets showing the locations.
11*	Relief Well Quantity Change	Design	\$1,282,932.15	\$0.00	6.39 6.40	\$ 1,806,432.00	71.02%	9.98%	9/12/2014	Approved	Additional quantities required due to deeper pilot holes required to achieve necessary penetration. Board approval required.
12*	Additional 50VF of Pilot Hole Drilling; Decrease RW Add Riser 1 EA; Add RW Abandonment 1 EA; PZ 679R Convert to Below Grade Piezometer; T&M 2 Clay Cap Undercut	Field	\$37,935.66	\$0.00	6.09 6.38 6.42 6.46 6.32	\$ 575,290.00	6.59%	0.30%	10/10/2014	Approved	See change order summary presented to Board for review and approval in the October 15, 2014 Board Meeting
13*	Hydraulic structure painting of the 84" bulkhead; T&M 3 Clay Cap Undercut; Modify PZ Raise to Grade to PZ Raise to Grade Special	Field	\$43,664.49	\$0.00				0.34%	11/19/2014	Approved	Board approval required
14*	RW Construction Obstruction	Field	\$500,000.00	\$0.00	6.39 6.40	\$ 1,806,432.00	27.68%	3.89%		Pending	RW Construction Obstruction due to Cobble Layer during drilling. Board approval required.
Total											\$ 1,805,685.97

Total of Project Change Orders \$1,805,685.97
 Revised Contract Amount \$14,662,813.72
 % Change from Original Amount 14.04%

*Board approval required



Memo to: Board of Directors
From: Chuck Etwert
Subject: Budget and Disbursement Report for December 2014
Date: January 16, 2015

Current Budget Highlights

Attached is the financial statement for December 2014 prepared by our fiscal agent, CliftonLarsonAllen. The report includes an accounting of revenues and expenditures for the month ending December 31, 2014, as compared to our fiscal year budget.

Accrued expenditures for the current fiscal year beginning on October 1, 2014 are \$14,113,789 while revenues amounted to \$2,875,307 resulting in a deficit of \$11,238,482. A total of approximately \$21,748,255 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 October 2014 (the latest month reported by the Illinois Department of Revenue) were up by 3.98% from the previous year. In general, receipts are up 2.80% from last year and are slightly above the 2012 level, which is the highest year of receipts.

Monthly Disbursements

Attached is the list of bank transactions for December 2014. Total disbursements for the month were \$2,990,652. The largest payments were to Kamadulski Excavating & Grading Co for BP #7A, Keller Construction for BP #3 and BP #5, Lane Construction for BP #6, Haier Plumbing for BP #4, Korte & Luitjohan Contractors for BP #2B and AMEC.

As of December 31, 2014, the anticipated surplus upon the completion of the 100-Year Projects was \$19,001,642 with a contingency of \$3,247,576 for additional costs.

Recommendation:

Accept the budget report and disbursements for December 2014.

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION
DISTRICT COUNCIL**

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

THREE MONTHS ENDING DECEMBER 2014 AND 2013



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 three months ended December 2014 and 2013. 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
January 14, 2015

**SOUTHWESTERN ILLINOIS FLOOD PROTECTION DISTRICT COUNCIL
GENERAL FUND
STATEMENT OF REVENUES AND EXPENDITURES - BUDGET AND ACTUAL
THREE MONTHS ENDED DECEMBER 31, 2014 (Actual)
FISCAL YEAR ENDING SEPTEMBER 30, 2015 (Budget)**

	BUDGET		ACTUAL	VARIANCE WITH FINAL BUDGET POSITIVE (NEGATIVE)
	ORIGINAL	FINAL		
REVENUES				
Sales Tax Proceeds From Districts	\$ 11,195,000	\$ 11,195,000	\$ 2,802,758	\$ 8,392,242
Interest Income	60,000	60,000	72,549	(12,549)
Other Contributions	-	-	-	-
Total Revenues	<u>11,255,000</u>	<u>11,255,000</u>	<u>2,875,307</u>	<u>8,379,693</u>
EXPENDITURES				
Current				
Design and Construction				
Engineering Design & Construction Management	8,131,050	8,131,050	870,201	7,260,849
Construction	45,791,362	45,791,362	10,037,885	35,753,477
Construction and design by US ACE	-	-	-	-
Federal Cost-Share	-	-	-	-
Total Design and Construction	<u>53,922,412</u>	<u>53,922,412</u>	<u>10,908,086</u>	<u>43,014,326</u>
Professional Services				
Legal & Legislative Consulting	216,000	216,000	49,456	166,544
Diversity Program Manager	64,140	64,140	24,890	39,250
Construction Oversight	-	-	-	-
Other	-	-	-	-
Impact Analysis/Research	-	-	-	-
Financial Advisor	120,000	120,000	1,800	118,200
Bond Underwriter/Conduit Issuer	-	-	6,704	(6,704)
Total Professional Services	<u>400,140</u>	<u>400,140</u>	<u>82,850</u>	<u>317,290</u>
Refund of Surplus Funds to County FPD Accounts				
Madison County	1,882,480	1,882,480	381,108	1,501,372
Monroe County	197,080	197,080	39,899	157,181
St. Clair County	1,920,440	1,920,440	388,792	1,531,648
Total Refund of Surplus Funds to County	<u>4,000,000</u>	<u>4,000,000</u>	<u>809,799</u>	<u>3,190,201</u>
Debt Service				
Principal and Interest	7,101,239	7,101,239	2,248,120	4,853,119
Federal Interest Subsidy	(844,610)	(844,610)	-	(844,610)
Total Debt Service	<u>6,256,629</u>	<u>6,256,629</u>	<u>2,248,120</u>	<u>4,008,509</u>
Total Operating Expenses	<u>64,579,181</u>	<u>64,579,181</u>	<u>14,048,855</u>	<u>50,530,326</u>
General and Administrative Costs				
Salaries, Benefits	206,000	206,000	54,308	151,692
Advertising	-	-	-	-
Bank Service Charges	1,500	1,500	349	1,151
Conference Registration	500	500	-	500
Equipment and Software	2,000	2,000	-	2,000
Fiscal Agency Services	26,500	26,500	6,300	20,200
Audit Services	15,000	15,000	-	15,000
Furniture	-	-	-	-
Meeting Expenses	1,000	1,000	-	1,000
Postage/Delivery	400	400	66	334
Printing/Photocopies	2,500	2,500	658	1,842
Professional Services	20,000	20,000	192	19,808
Publications/Subscriptions	250	250	93	157
Supplies	1,500	1,500	639	861
Telecommunications/Internet	2,500	2,500	1,196	1,304
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>64,934</u>	<u>223,216</u>
Total Expenditures	<u>64,867,331</u>	<u>64,867,331</u>	<u>14,113,789</u>	<u>50,753,542</u>
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	(53,612,331)	(53,612,331)	(11,238,482)	42,373,849
OTHER FINANCING SOURCES				
Proceeds From Borrowing	-	-	-	-
NET CHANGE IN FUND BALANCE	<u>\$ (53,612,331)</u>	<u>\$ (53,612,331)</u>	<u>\$ (11,238,482)</u>	<u>\$ 42,373,849</u>

**SOUTHWESTERN ILLINOIS FLOOD PROTECTION DISTRICT COUNCIL
GENERAL FUND
STATEMENT OF REVENUES AND EXPENDITURES - BUDGET AND ACTUAL
THREE MONTHS ENDED DECEMBER 31, 2013 (Actual)
FISCAL YEAR ENDING SEPTEMBER 30, 2014 (Budget)**

	BUDGET		ACTUAL	VARIANCE WITH FINAL BUDGET POSITIVE (NEGATIVE)
	ORIGINAL	FINAL		
REVENUES				
Sales Tax Proceeds From Districts	\$ 11,237,000	\$ 11,237,000	\$ 2,727,326	\$ 8,509,674
Interest Income	650,000	650,000	387,672	262,328
Other Contributions	-	-	-	-
Total Revenues	<u>11,887,000</u>	<u>11,887,000</u>	<u>3,114,998</u>	<u>8,772,002</u>
EXPENDITURES				
Current				
Design and Construction				
Engineering Design & Construction Management	4,000,000	4,000,000	2,474,845	1,525,155
Construction	60,000,000	60,000,000	820,411	59,179,589
Construction and design by US ACE	1,000,000	1,000,000	1,562,250	(562,250)
Federal Cost-Share	-	-	-	-
Total Design and Construction	<u>65,000,000</u>	<u>65,000,000</u>	<u>4,857,506</u>	<u>60,142,494</u>
Professional Services				
Legal & Legislative Consulting	210,000	210,000	114,494	95,506
Construction Oversight	210,000	210,000	43,409	166,591
Other	-	-	-	-
Impact Analysis/Research	-	-	-	-
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>159,223</u>	<u>400,777</u>
Refund of Surplus Funds to County FPD Accounts				
Madison County	2,270,400	2,270,400	504,496	1,765,904
Monroe County	220,800	220,800	49,584	171,216
St. Clair County	2,308,800	2,308,800	503,557	1,805,243
Total Refund of Surplus Funds to County	<u>4,800,000</u>	<u>4,800,000</u>	<u>1,057,637</u>	<u>3,742,363</u>
Debt Service				
Principal and Interest	7,107,440	7,107,440	2,273,670	4,833,770
Federal Interest Subsidy	(910,140)	(910,140)	-	(910,140)
Total Debt Service	<u>6,197,300</u>	<u>6,197,300</u>	<u>2,273,670</u>	<u>3,923,630</u>
Total Operating Expenses	<u>76,557,300</u>	<u>76,557,300</u>	<u>8,348,036</u>	<u>68,209,264</u>
General and Administrative Costs				
Salaries, Benefits	192,331	192,331	59,560	132,771
Advertising	-	-	-	-
Bank Service Charges	600	600	174	426
Conference Registration	500	500	61	439
Equipment and Software	4,000	4,000	1,726	2,274
Fiscal Agency Services	23,000	23,000	5,750	17,250
Furniture	-	-	-	-
Meeting Expenses	1,000	1,000	28	972
Postage/Delivery	400	400	38	362
Printing/Photocopies	2,500	2,500	426	2,074
Professional Services	20,000	20,000	18,121	1,879
Publications/Subscriptions	250	250	1,713	(1,463)
Supplies	1,500	1,500	369	1,131
Telecommunications/Internet	2,000	2,000	1,230	770
Travel	15,000	15,000	1,800	13,200
Insurance	1,000	1,000	981	19
Total General & Administrative Costs	<u>264,081</u>	<u>264,081</u>	<u>91,977</u>	<u>172,104</u>
Total Expenditures	<u>76,821,381</u>	<u>76,821,381</u>	<u>8,440,013</u>	<u>68,381,368</u>
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES				
	(64,934,381)	(64,934,381)	(5,325,015)	59,609,366
OTHER FINANCING SOURCES				
Proceeds From Borrowing	10,000,000	10,000,000	-	10,000,000
NET CHANGE IN FUND BALANCE	<u>\$ (54,934,381)</u>	<u>\$ (54,934,381)</u>	<u>\$ (5,325,015)</u>	<u>\$ 49,609,366</u>

Flood Prevention District Sales Tax Trends 2009-2014

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

Flood Prevention District Sales Tax Trends 2009-2014

2013

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

2014

	Jan	Feb	March	April	May	June	July	August	Sept	October	November	December	Total
Madison	\$373,895	\$383,909	\$456,964	\$457,729	\$484,657	\$491,911	\$455,629	\$454,995	\$442,808	\$447,128			\$4,449,626
St. Clair	\$354,762	\$395,885	\$460,143	\$436,379	\$458,819	\$470,546	\$426,263	\$434,064	\$445,419	\$433,077			\$4,315,358
Monroe	\$42,321	\$39,665	\$47,587	\$47,796	\$52,206	\$49,022	\$47,357	\$46,167	\$50,056	\$48,920			\$471,097
Total Month	\$770,978	\$819,459	\$964,694	\$941,905	\$995,682	\$1,011,479	\$929,249	\$935,226	\$938,283	\$929,126			\$9,236,081
Cumulative Total	\$770,978	\$1,590,437	\$2,555,131	\$3,497,036	\$4,492,718	\$5,504,197	\$6,433,446	\$7,368,671	\$8,306,955	\$9,236,081			
% change/month	-3.01%	0.13%	4.90%	4.03%	3.35%	5.17%	2.99%	1.68%	3.64%	3.98%			
% change/total	-3.01%	-1.42%	0.88%	1.71%	2.07%	2.62%	2.68%	2.55%	2.67%	2.80%			

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
SUPPLEMENTARY SUPPORTING SCHEDULE
BANK TRANSACTIONS
December 31, 2014**

Beginning Bank Balance December 1		\$	413,313.67
Receipts			
UMB	12/15/2014 Funds Transfer Construction		2,787,066.93
UMB	12/15/2014 Funds Transfer Admin		13,487.45
UMB	12/17/2014 Funds Transfer Construction		219,274.77
The Bank of Edwardsville	12/31/2014 Interest December		112.76
Void Arthur & Patricia Tite	12/31/2014 Easement		50,000.00
			3,069,941.91
Disbursements			
Miscrosoft Office	12/07/2014 Membership & Dues		0.99
CDW Government	12/08/2014 Office Supplies		150.50
LogMeIn, Inc	12/09/2014 Computer & Internet Fees		191.48
A G&P A.Tite&Town&Country Banc Mortg Srv	12/15/2014 Design & Construction		39,667.00
ABNA	12/15/2014 Design & Construction		2,798.80
CliftonLarsonAllen LLP	12/15/2014 Fiscal Agent		2,116.50
Columbia Capital	12/15/2014 Financial Advisor		600.00
Husch Blackwell Sanders	12/15/2014 Construction		18,015.32
Juneau Associates	12/15/2014 Design & Construction		37,561.34
Olin Corp succc Olin Brass-Winchester, Inc	12/15/2014 Design & Construction		58,800.00
Smith Dawson & Andrews	12/15/2014 Professional Services		10,000.00
The Bank-Service Fees	12/15/2014 Wire Fee		10.00
The Bank-Service Fees	12/15/2014 Wire Fee		10.00
UMB Bank, NA	12/15/2014 Bond Issuance Fee		6,704.50
M. Joseph Hill	12/15/2014 Design & Construction		10,333.00
AMEC Earth & Environmental, Inc.	12/16/2014 Construction		216,274.77
Cost Less Copy Center	12/16/2014 Boarding Meeting Materials		194.00
Dorgan, McPike & Assoc, LTD	12/16/2014 Professional Services		3,000.00
Haier Plumbing	12/16/2014 Construction		205,830.31
Marks & Associates	12/16/2014 Professional Services		7,180.00
Kamadulski Excavating & Grading CO, Inc	12/17/2014 Construction		844,369.42
Keller Construction Inc	12/17/2014 Construction		273,771.58
Keller Construction Inc	12/17/2014 Construction		453,836.27
Korte & Luitjohan Contractors Inc	12/17/2014 Construction		38,282.32
Korte & Luitjohan Contractors Inc	12/17/2014 Construction		215,160.00
The Lane Construction Corp	12/17/2014 Construction		545,189.97
Press Plus	12/17/2014 Publications		89.95
AT & T	12/17/2014 Telephone		91.71
Charles Etwert	12/18/2014 Reimbursement Mileage & Cellular		304.64
The Bank-Service Fees	12/18/2014 Wire Fee		10.00
The Bank-Service Fees	12/18/2014 Wire Fee		15.00
The Bank-Service Fees	12/18/2014 Wire Fee		15.00
The Bank-Service Fees	12/18/2014 Wire Fee		15.00
The Bank-Service Fees	12/18/2014 Wire Fee		15.00
The Bank-Service Fees	12/18/2014 Wire Fee		15.00
The Bank-Service Fees	12/18/2014 Wire Fee		15.00
The Bank-Service Fees	12/31/2014 Bank service charge		18.04
			2,990,652.41
		\$	492,603.17



Memo to: Board of Directors
From: Chuck Etwert
Subject: Change Orders BP #4, BP #5, and BP #6
Date: January 16, 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 is the case in BP #6.

We have three change orders, all involving construction obstructions being encountered during Relief Well construction on three different bid packages, which AMEC will be explaining at the meeting. You may recall Mr. Martin discussed these obstructions at last month's meeting.

For completeness, similar change orders this month for BP #4 & #5 are included in the following discussion. These two Change Orders do not exceed the ten percent line item limit.

BPs #4, #5 and #6 - Relief Well Construction Obstructions Change Orders

Relief well drilling depths varies throughout the bid package projects and may be over 100 feet deep. Once a relief well hole is initiated, the drillers continue the installation until the well is completed, otherwise the well hole will collapse and installation would start over. During relief well drilling, the drillers are at times encounter layers that contain large diameter (greater than 5 ½ inches) cobbles. These layers range in thickness from a few feet to over 10 feet.

The Contract requires that the contractors provide and use drills and equipment capable of drilling through and removing cobbles up to 5 ½ inches in diameter. This requirement is met with all the relief well drilling contractors. A construction obstruction is determined to exist if the contractor is required to drill through a layer with cobbles greater than 5 ½ inch in diameter.

AMEC has a full time construction inspector on site observing the entire well installation and drilling operations. AMEC determines when further efforts to advance the drill hole are impracticable. Per the Contract, such demonstration includes continuing drilling operations when no gain in depth is being made for a minimum of 30 minutes. When this is the case, the

Contractor must change his drilling operations, and this would be considered to be above the contract requirements (change order).

When these construction obstructions are encountered AMEC engineers evaluate the situation and determine whether to continue the drilling efforts and to what depth. Instead of abandoning the well, which is not cost effective, the AMEC engineers review the new aquifer penetration and calculated screen entrance velocities, review other adjacent well depths and review the design requirements. When feasible, the wells are terminated shorter than the design depth. The reduced depth is a cost savings to the contract but, there is a cost associated with drilling the construction obstruction layer. AMEC has negotiated a time and material cost rate with each contractor for drilling through construction obstruction layers. The table below indicates the 2014 status and an anticipated 2015 potential costs (Since the exact subsurface conditions are not known with precision, the 2015 costs are estimated based on a projection of the existing elevation of cobble layers).

	BP 3 (MSI)	BP 4 (Deep Foundation)	BP 5 (Pensoneau)	BP 6 (MSI)	BP 7 B (potentially Brotke)	Summary
Total RWs Planned	84	19	72	67	7	249
RW Completed December 2014	Not started	19	40	27	Not started	
Construction Obstructions encountered	Not started	13	20	12	Not started	
T&M as of December 2014	Not started	\$80,046	\$107,201	\$172,963	Not started	
Estimated T&M for 2015 with	Not started	Well drilling is complete	\$167,799	\$327,037		
Total for 2014 and 2015	Not started	\$80,046.18	\$275,000	\$500,000		

Bid Package 04 – Change Order 11 Construction Obstruction **\$80,046.18** for relief wells: 154x, 153x, 155x, 140x, 141xa, 142x, 143x, 145x, 147x, 148x, 149x, 150x, 141xb

Bid Package 05 – Change Order 9 Construction Obstruction **\$275,000.00** for relief wells: 227x, 224a, 226a, 225a, 254a, 252a, 251a, 250a, 249a, 248a, 246a, 245a, 244b, 243b, 257x, 258b, 257a, 246x, 247x, 255a for a total change order cost of \$107,201. Please note that we anticipate additional anticipated costs of \$167,799 for 2015. In addition, AMEC estimates that the

remaining relief wells may be an additional cost as indicated above. AMEC recommends approving \$ 275,000.

Bid Package 06 – Change Order 14 Construction Obstruction **\$500,000.00** for relief wells: 22a,22b,30x,48x,51x,52a,53a,60a,61a,61b,62a and 67a for a total change order of \$173,472.00. Please note that we anticipate additional anticipated costs of \$327,037 for 2015. In addition, AMEC estimates that the remaining relief wells may be an additional cost as indicated above. AMEC recommends approving \$500,000.

I have reviewed these change orders and recommend approval.

Recommendation: Authorize the Chief Supervisor to approve BP #4 - Change Order 11 \$80,046.18, BP#05 – Change Order 9 \$275,000.00, and BP#06 Change Order 14 \$500,000.000 – Total cost of all of these change orders not to exceed **\$855,046.18**.



Memo to: Board of Directors
From: Chuck Etwert
Subject: 500-Year (Authorized) Level Flood Protection Update
Date: January 16, 2015

At last month's meeting, I briefly described two possible approaches that could be taken to develop a long term plan for the 500-year authorized level of protection for the area.

AMEC, the Corps and I continue to look more closely at what was presented as Approach No. 2 last month. This was where the Corps would be responsible for the initial partial design of the projects (percent to be determined), with AMEC taking over and completing the design. Having the Corps involved in the initial design phase would assist in the Corps approval of the 408 reviews etc. All field exploration required for the design would be handled by AMEC with the inclusion of a PLA. The non-federal share of the cost of the Corps providing the initial design would be considered part of the 5% cash requirement. The goal of this approach is to determine the optimum balance of Corps and AMEC design that results in the least overall cost, including 408 submittal/review/approval process.

Of course, in order to move forward with this approach several tasks would need to be accomplished:

1. AMEC and Husch Blackwell would work with the Council and the Corps to identify:
 - a. Total project costs remaining,
 - b. Council/Levee District contributions to date,
 - c. Probable value of in-kind improvements made to date or under construction.
2. Husch Blackwell/ AMEC would work with the Corps to determine whether a procedure can be developed that would allow the Council to issue for bid Corps designs for the Cutoff Wall designs in Wood River and East St. Louis scheduled for completion by the Corps in early 2015.
3. AMEC would work with the Corps to evaluate current Corps designs or concepts, taking into consideration improvements that are currently under construction.

A regional partnership to rebuild Mississippi River flood protection

4. AMEC would perform a preliminary review/cost estimate of Corps designs
5. AMEC would review Corps concepts to determine potential design/construction schedule based on:
 - a. Corps review requirements
 - b. Land Acquisition
 - c. Permitting/mitigation
 - d. Funding constraints
6. AMEC would concentrate on non-cutoff wall projects and let the design of future deep cutoff wall projects be performed by the Corps, with In-Kind Credits being used for the FPD's funding share.
7. AMEC would develop scope for Bid Packages and prepare Cost Estimates for construction identified based on the review conducted in item 5.

AMEC is in the process of preparing a Work Order to initiate the start of this effort and we plan on presenting it at the February Board meeting for your consideration.

I am still gathering costs, but I also hope to provide a brief presentation at the meeting on what might be accomplished with the funds that we anticipate to be available at the end of the 100-year projects, the funds available from additional bonding, and the In-Kind Credit funds as a result of the FPD paying 100% of some projects.