



AGENDA

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
BOARD OF DIRECTORS MEETING
June 20, 2012 7:30 a.m.**

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 May 16, 2012
3. Program Status Report
Les Sterman, Chief Supervisor
4. Budget Update and Approval of Disbursements
Les Sterman, Chief Supervisor
5. Project Progress Report
Jay Martin, AMEC Environment & Infrastructure
6. Amendment to AMEC Work Order 6 – Section 408 Review
7. U.S. Army Corps of Engineers Request for Cost Share for Wood River Levee System Repair Project
8. Report by the U.S. Army Corps of Engineers
Joe Kellett, Deputy for Planning, Programs, and Project Management
9. Other Business

Executive Session (if necessary)
10. Adjournment

Next Meeting: July 18, 2012

MINUTES

SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL BOARD OF DIRECTORS MEETING

May 16, 2012

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 May 16, 2012.

Members in Attendance

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

Members Absent

Ronald Polka, Monroe County Flood Prevention District

Others in Attendance

Alan Dunstan, Madison County Board Chair
Delbert Wittenauer, Monroe County Board Chair
Les Sterman, SW Illinois FPD Council
Kathy Andria, American Bottoms Conservancy
David Baxmeyer, Baxmeyer Construction Inc.
James Barganier, Kuhlmann Design Group
Doug Campion, Campion Group
Rich Connor, Leadership Council SW Illinois
Darryl Elbe, Hoelscher Engineering
Walter Greathouse, Metro-East Sanitary District
Maggie Hales, East-West Gateway Council of Governments
Scott Harding, SCI Engineering
Mark Harms, SCI Engineering
Joe Kellett, U.S. Army Corps of Engineers
Tracy Kelsey, U.S. Army Corps of Engineers
Kevin Koenigstein, Monroe County Treasurer
Linda Lehr, Monroe County
Matt McAnarney, Sen. Durbin's Office
Jack Norman, Groundwater Advisory Council
David Oates, Oates Assoc.
Jon Omvig, AMEC
Joe Parente, Madison County

Kate Pawasarat, Washington University Environmental Law Clinic
Randy Pollard, Sen. Mark Kirk's Office
Adam Saltsgaver, The Bank of Edwardsville
Scott Schanuel, Leadership Council SW Illinois
Cas Sheppard, Sheppard, Morgan & Schwab
Dale Stewart, SW Illinois Building and Construction Trades
Chuck Unger, Bank of Edwardsville

Call to order

President John Conrad called the meeting to order.

Approval of minutes of April 20, 2012

A motion was made by Jim Pennekamp, seconded by Paul Bergkoetter, to approve the minutes of the April 20, 2012 meeting. Mr. Maher called the roll and the following votes were made on the motion:

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

The motion was approved unanimously.

Program Status Report

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

Last month the Board authorized us to advertise for bids for the first construction project. It is a small contract, less than one-tenth of one percent of the overall project cost. The Corps approved the Sec. 408 permission for this project on May 1 which may seem like a big deal, but it was a pretty easy call for them since the project did not involve any impacts on water quality or wetlands and is essentially a maintenance project. We received six bids on Monday May 14, which you will hear about later in the agenda. Approval by the county boards will be needed, so we expect to start construction on June 6, about two weeks later than originally scheduled, a small delay that will not have any effect on the overall project schedule.

The AMEC team will be responsible for managing all construction for the Council, and construction management is part of our contractual agreement with them. Accordingly, we will enter into a new work order for construction management services, which will be amended periodically as each construction package is advanced. The initial construction management

work order and budget for construction package #1 will be presented for approval later in the agenda.

We just came through a two-day session on May 14 and 15 that was conducted by representatives of their Risk Management Center, for the purpose of moving the debate on “graded filters” toward a conclusion. Our design team strongly believes in the safety and technical adequacy of their design and we will continue to press the case by whatever means necessary. This issue is of paramount importance because if the Corps insists on imposing their recommended underseepage measures on our design, we cannot do so within our available funds or schedule. It appears at this point like there is a path to move forward on this, but there has already been a significant schedule impact.

The budget for AMEC Work Order 6 for Sec. 408 review tasks is being consumed rapidly due to the protracted and unpredictable course of the review process. It is apparent that the budget for this work order will need to be revised upward and I expect to present a budget amendment to the Board at the June meeting.

We have responded to all Illinois Environmental Protection Agency comments on the application for a Section 401 water quality permit. Once IEPA is satisfied that they have all of the necessary information they will start a 30-day comment period. Our hope is that a permit can be issued soon thereafter. The issue of NPDES permits for relief wells still remains; we have provided information to IEPA that we hope will help resolve this matter, but we have not received any further feedback from the agency.

My meeting last month with the congressional delegation and Jo Ellen Darcy, the Assistant Secretary of the Army for Civil Works and various Corps leadership staff has generated some limited result. Congressman Costello’s office has reported that the Corps has agreed to pay for all external reviews and they will also pay to prepare all of the certification information requested by AMEC for the Chain of Rocks levee and Mel Price segment of the Wood River levee. While this is small comfort in providing some budget relief, it will still have an impact on our schedule. Our position is that the external review is not required and is simply a waste of public money, regardless of the source of that money. And the certification data by itself is not the same as FEMA certification, so our consultants will still need to do a careful review and prepare all of the necessary documentation to submit to FEMA. At my request, Husch Blackwell prepared a thorough and authoritative legal memorandum dealing with the external review and certification issues, which has been provided to the Corps.

On May 1, the Levee Issues Alliance conducted a press conference for the principal purpose of announcing a “countdown clock” posted on their website to highlight the deadline for completion construction and to create a measure of accountability by all parties for completion of the project. Also, Corps approval to proceed with the first construction package was announced. Unfortunately, the press conference, and subsequent releases by the Corps, seems to have led some to conclude that we now have approval for the project. News articles and editorials over the last couple of weeks clearly have created an inaccurate impression of the status of the project, which is troubling. In fact, we have approval in-hand for only a tiny portion of the project, and

we only have that because this work is essentially maintenance work that doesn't require any permits.

While the Corps has insisted that there have been no project deadlines missed and that the agency is fully committed to meeting our project schedule, those statements simply aren't credible. The next two bid packages are for pump stations, which are the linchpins of the project. Two 100% design packages for pump stations are scheduled to be submitted in early June. Until we reach agreement with the Corps on underseepage controls we cannot know the volume of water that will need to be discharged and consequently our design team will not be able to design and size pump stations. And until pump stations are built, we cannot build underseepage controls without risking interior flooding should a high water event occur. In summary, unless we get agreement on essential design features immediately, there will be a cascading series of missed deadlines.

Mr. Pennekamp asked if the Corps has received funding to do the external review and to prepare the certification data. Joe Kellett responded that the Corps has most of the funding to do this work, but will need additional funds in the next federal fiscal year. Mr. Sterman responded that the issue on the Mel Price goes beyond the provision of information but will require that AMEC agree that the Corps' interim plan will meet certification requirements, a conclusion that is not a given.

A motion was made by Mr. Pennekamp, seconded by Mr. Long, to accept the Chief Supervisor's program status report for April 2012. At Mr. Conrad's request, Mr. Maher called the roll and the following votes were made on the motion:

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

The motion was approved unanimously.

Budget Update and Approval of Disbursements

You have the budget report for April 2012 prepared by our fiscal agent, LarsonAllen.

Accrued expenditures for the current fiscal year are \$12,461,787 while revenues amounted to \$7,116,953. Revenues include the interest rate subsidy of \$455,070 that was received from the IRS in April that has been remitted to the bond trustee as required by our indenture. Expenditures included a surplus held by the bond Trustee of \$2,982,832 through the end of April that was returned to the counties as required by the bond indenture.

Nearly all costs remain within budgeted amounts except for professional services. This budget category includes legal fees, which have been higher than expected because of unanticipated work required from the Sec. 408 and Sec. 404 permitting process.

Sales tax receipts for February 2012 were up by about 5.76% year over year and are up about 2.83% for the first two months of the year.

The list of bank transactions for April 2012 was included in your packet. Total disbursements for the month were \$67,640.50. Interest rate rebates from the IRS totaling \$455,069.89 were received during the month. The largest payments were to Husch Blackwell for legal services and to East-West Gateway for staff and other costs.

Mr. Maher asked if the state is holding any of our sales tax receipts. Mr. Sterman responded that it appears that there might be some delay, but as long as we get what we are owed it shouldn't cause a problem.

A motion was made by Mr. Long, seconded by Mr. Bergkoetter, to accept the budget report and approve the disbursements for March 2012. At Mr. Conrad's request, Mr. Maher called the roll and the following votes were made on the motion:

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

The motion was approved unanimously.

Project Progress Report

Mr. Conrad called on Jay Martin, AMEC's project manager, to provide a report.

Mr. Martin described the current status of the project and the basis for the meeting held at the Corps over the last two days. Two staff persons from the Corps' Risk Management Center conducted the meeting. The St. Louis District had some serious concerns with the potential performance of graded filters/trench drains during a 500-year flood event. There was extensive discussion of various failure scenarios. AMEC provided extensive design information to the group. In addition to Mr. Martin, the Council's design team was represented by Jo Tucker from AMEC, Tom Cooling and Richard Bird from URS and an independent expert on the team, Jim Talbot.

By the end of the session, we believe that the District was prepared to accept the construction of graded filters on the levee system, as long as a number of design conditions will be met. The design team will now have to go back and review some of the design parameters and assumptions in the 60% design. The Corps will also require us to redo certain design details and reexamine some construction methods. All of this is doable but will add costs to the job. Mr. Martin said that we should think of this as a “time-out” on the job, while we collect our thoughts and go back to our design. This will cost us some time. The design of pump stations will be delayed until the Corps signs off on our underseepage controls.

Mr. Martin responded to a number of questions from the Board members regarding the operation of pump stations. Mr. Long asked how long the project would be delayed as a result of the Corps’ requirements. Mr. Martin said that he didn’t yet know the answer to that question, but that AMEC would be working on figuring out how much additional work needed to be done.

Mr. Long asked whether the concept of graded filters is now acceptable to the Corps. Mr. Martin responded affirmatively.

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

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

The motion was approved unanimously.

AMEC Work Order 8 – Construction Management

Our agreement with AMEC Environment & Infrastructure provides for the firm to serve as the Council’s construction manager for the project. The adopted project budget includes a total of \$5,183,000 for this purpose. The role of the construction manager is to act as the Council’s representative in managing all phases of the construction process, including administration of construction contracts, assuring that all work meets the standards shown in contract documents, managing decisions in the field to interpret or clarify plans and specifications, and determining amounts to be paid to contractors. With the expected award of the construction contract for Construction Package #1 in late May or early June, we need to execute a Work Order with AMEC to define the scope and budget of construction management services for this work. I anticipate that we would adopt the Work Order that describes the scope in detail and then amend the budget from time to time as construction work is defined and bid.

A detailed scope of work and cost estimate for construction management services is shown as an attachment to this memo. The cost of construction management for Construction Package #1 is \$27,000.

A motion was made by Mr. Motil to authorize the Chief Supervisor to execute Work Order 8 with AMEC Environment & Infrastructure as shown in Attachment 1 for \$27,000 to provide construction management services for Construction Package #1. Mr. Parks seconded the motion. Mr. Maher called the roll and the following votes were made on the motion:

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

The motion was approved unanimously.

Selection of Contractor for Construction Package #1 (Gravity Drains and Toe Drain Reconstruction – MESD)

The bids were opened today as scheduled. For a variety of reasons the bidding process was compressed from what it will be in the future, so we were happy that we received six good bids on the project. The six bids ranged from a low of \$192,635 to a high of \$375,658.67. The apparent low bidder is Noeth Excavating Systems of Collinsville, IL. AMEC reviewed the bids for completeness and called references for the low bidder. Based on their review, AMEC concluded that based on good references and experience on past projects the Noeth Excavating Systems is qualified to perform the work and has recommended that the Council select this firm to perform Construction Package #1. A copy of AMEC’s analysis is shown as attachment 3 to your memo.

Mr. Omvig noted that five of the six bids were lower than AMEC’s estimate for the project.

A motion was made by Mr. Pennekamp to authorize the Chief Supervisor to request approval of the boards of St. Clair, Madison and Monroe counties and, subject to their approval, enter into contract with Noeth Excavating Systems to perform Construction Package #1 consisting of gravity drain/toe drain rehabilitation in the Metro-East Sanitary District at a total cost not to exceed \$192,635. Mr. Brinkman seconded the motion. Mr. Maher called the roll and the following votes were made on the motion:

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

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

The motion was approved unanimously.

Discussion of Project Labor Agreement Issues

Mr. Sterman noted that at the April meeting of the Board of Directors, he recommended the adoption of a project labor agreement (PLA) for all construction work done as part of the flood prevention project being undertaken by the Council. A number of questions arose in the discussion of the prototype PLA – questions that he could not answer authoritatively.

The questions that were raised at the last Board meeting were:

1. Which firms will be required to enter into the PLA? In particular how will the PLA apply to suppliers and firms making deliveries to the job site? Is there a problem for small firms to comply with the agreement?
2. Section 1.8 of the PLA provides for the possibility of exclusions from the agreement. What would be some typical exclusions, if any?
3. What is the process for executing the PLA with each contractor? Is there an appeal process if there are disputes about the interpretation of the PLA?
4. If a contractor executes the PLA, does that imply acceptance of any long-term liabilities of the signatory unions, such as for unfunded pension liabilities?

Bob Sprague, our legal counsel, and Dale Stewart, Executive Secretary-Treasurer, SW Illinois Building and Construction Trades Council, are here at the Board meeting to address PLA issues and they have agreed to attend and answer your questions.

Mr. Sprague noted that there is a state statute that requires the payment of prevailing wage, so the PLA will not cost the Council any money. What the PLA will do is assure that jobs will go to local people. Mr. Long asked Mr. Stewart how the PLA would apply to small businesses, particularly suppliers. Mr. Stewart responded that the agreement only applied to on-site work, and that suppliers are not affected. Mr. Long asked about the provision of the agreement that allowed for exceptions, specifically what might be some examples of those exceptions. Mr. Stewart said that those exceptions are rare but he gave some examples. Mr. Long then asked about whether contractors would be responsible for any unfunded pension liabilities of any union. Mr. Stewart replied that they would not.

Mr. Parks asked about opportunities for MBE's or WBE's to do work on the project. Mr. Sterman indicated that he was putting together a meeting of local experts to get some ideas on the best ways to do that as we approach the first major contracts in the fall. Mr. Parks noted that

there are two issues that need to be addressed: involvement by minority businesses and participation of minority workers.

A motion was made by Mr. Motil with a second by Mr. Long to require the use of project labor agreements on all construction done as part of the Southwestern Illinois Flood Prevention Project. Mr. Maher called the roll and the following votes were made on the motion:

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

The motion was approved unanimously.

A motion was made by Mr. Motil with a second by Mr. Parks to adopt the resolution concerning the use of a project labor agreement on all construction done as part of the Southwestern Illinois Flood Prevention Project.

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

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

The motion was approved unanimously.

Other Business

Mr. Conrad asked if there were any comments from the public. Ms. Andria said that she wanted to apologize to any Board members that might have been offended by her remarks at the meeting last month. She simply wanted to point out that the perspective on the issues might be different for those who live in the American Bottom.

Adjournment

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

Respectfully submitted,

Dan Maher,
Secretary/Treasurer, Board of Directors



Memo to: Board of Directors
From: Les Sterman
Subject: Program Status Report for June, 2012
Date: June 18, 2012

After the apparent low bidder, Noeth Excavating Systems was selected by the Board for Construction Package #1 at the May meeting, the contract was approved by each of the three county boards. A pre-construction meeting was held on June 7 involving the contractor and representatives of other affected parties such as MESD and the Terminal Railroad. No major issues were identified and general coordination activities were discussed. The Council executed the contract on June 11; work on the contract is either imminent or has already started.

Work Order 8 for construction management services was executed with AMEC on June 8.

Discussions with the Corps continue on the “graded filter” design, which is a critical part of the 60% design submission. About three weeks following the two-day facilitated technical session that focused primarily on this design feature, representatives of the Corps’ Risk Management Center submitted a draft report describing the outcomes and documenting the decisions made at the meeting. The District staff also produced a design review “checklist” based on those decisions. A subsequent meeting was held with AMEC and District staff on June 7 that resulted in general agreement on the path forward toward approval of designs for graded filters.

The good news about the resolution of the graded filter issue is that we now have acceptance in principle of this design feature, and AMEC has a clear understanding of the assumptions and parameters that will be used to produce acceptable designs. The bad news is that the Corps’ requirements impose a significant schedule and cost burden on the project. Additional data will be required to gain more confidence in subsurface conditions and careful modeling using more conservative assumptions will have to be done on each graded filter to satisfy the Corps. Perhaps more significantly, the use of more conservative assumptions, design methods and construction details will add to construction costs. The overall budget impact has not yet been determined.

Until the design of underseepage controls is reasonably complete it will not be possible to submit the 100% design for the next major construction package involving pump stations to the Corps.

The budget for AMEC Work Order 6 for Sec. 408 review tasks has been consumed due to the protracted and unpredictable course of the review process. A proposal to revise the costs of this Work Order substantially upward will be considered at the June Board meeting.

Discussions with the Illinois Environmental Protection Agency continue on the contents and approach of the Sec. 401 water quality permit. Unless a resolution of this issue happens soon, there is an increasing likelihood that it will affect the project schedule. On a positive note, IEPA staff is now fully engaged in seeking workable solutions and I remain cautiously optimistic that agreement will occur in the near future.

On May 24, I met with Gen. John Peabody, Commander of the Mississippi Valley Division of the Corps of Engineers. Also in attendance were Dan Maher, Jim Pennekamp, Rich Connor (representing the Leadership Council), Col. Chris Hall and Joe Kellett. We had a candid discussion with Gen. Peabody about the status of the project and our various concerns and frustrations with the slow pace of progress. The Division will play a key role in the Sec. 408 review process so it was a good opportunity for us to get acquainted with Gen. Peabody. The response was generally sympathetic and constructive, with Gen. Peabody offering some useful suggestions. No specific actions resulted from the meeting, however.

One of the matters to be resolved before major construction on the project begins is the Council policy on the involvement on minority firms. In order to gain some insight on strategies and tactics that might be effective, I convened a brainstorming session on June 7 involving representatives from labor, several minority contractors, design consultants, and others agencies and individuals with experience in this area. A number of good suggestions came out of the discussion and I hope to have some specific proposals for Board consideration over the next couple of months. It should be noted that there are no federal funds being used on the project, so our policy is determined solely by the Board of Directors.

Based on news of the letting of the first construction contract, there have been several news articles and editorials that convey an inaccurate impression of the status of the project. As described above there are still many uncertainties affecting the schedule and cost of the project. Our schedule has clearly been delayed by an undetermined amount, although we don't yet know if the completion date of the project is affected. Until the 100% design is submitted and approved by the Corps, we cannot be confident that we have an affordable project that can be completed in accordance with the committed schedule.

My biggest current concern is the status of our project budget. While there was some headroom between the project cost and available revenue because of savings identified in the 60% design, that potentially available revenue is rapidly being consumed by increased design costs, cost-share contributions to ongoing Corps construction projects on the levee system, and by the biggest unknown cost – the cost of complying with Corps design requirements for graded filters and other design features. Over the next month, I will be putting together a revised project budget so the Board can better understand our financial position.



Memo to: Board of Directors
From: Les Sterman
Subject: Budget and Disbursement Report for April 2012
Date: June 18, 2012

Budget Highlights

Attached is the budget report for May 2012 prepared by our fiscal agent, LarsonAllen. The report includes an accounting of revenues and expenditures for the month ending April 30, 2012, as compared to our fiscal year budget for the year ending on September 30, 2012.

Accrued expenditures for the current fiscal year are \$12,941,844 while revenues amounted to \$8,331,695. Revenues include the interest rate subsidy of \$455,070 that was received from the IRS in April that has been remitted to the bond trustee as required by our indenture. Expenditures included a surplus held by the bond Trustee of \$2,982,832 through the end of May that was returned to the counties as required by the bond indenture. We did not budget for the return of surplus, so it contributes to negative budget variance.

Nearly all costs remain within budgeted amounts except for professional services. This budget category includes legal fees, which have been higher than expected because of unanticipated work required from the Sec. 408 and Sec. 404 permitting process.

Sales tax receipts for March 2012 were up by about 3.21% year over year and are up about 2.98% for the first two months of the year, trends that match our finance plan projections.

Disbursements

Attached are lists of bank transactions for April 2012. Total disbursements for the month were \$147,291.33. Interest rate rebates from the IRS totaling \$455,069.89 were remitted to UMB during the month. The largest payments were to AMEC for design and pre-construction services and to Husch Blackwell for legal consulting.

Design costs are paid from funds held in the Construction Account by the bond Trustee. Legal and administrative costs are paid from the Administration Account held by the Trustee.

Recommendation:

Accept the budget report and disbursements for May 2012.

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION
DISTRICT COUNCIL**

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

EIGHT MONTHS ENDING MAY 2012 AND 2011



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 eight months ended May 2012 and 2011. 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, 2012 and 2011, 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.


CliftonLarsonAllen LLP

St. Louis, Missouri
June 14, 2012

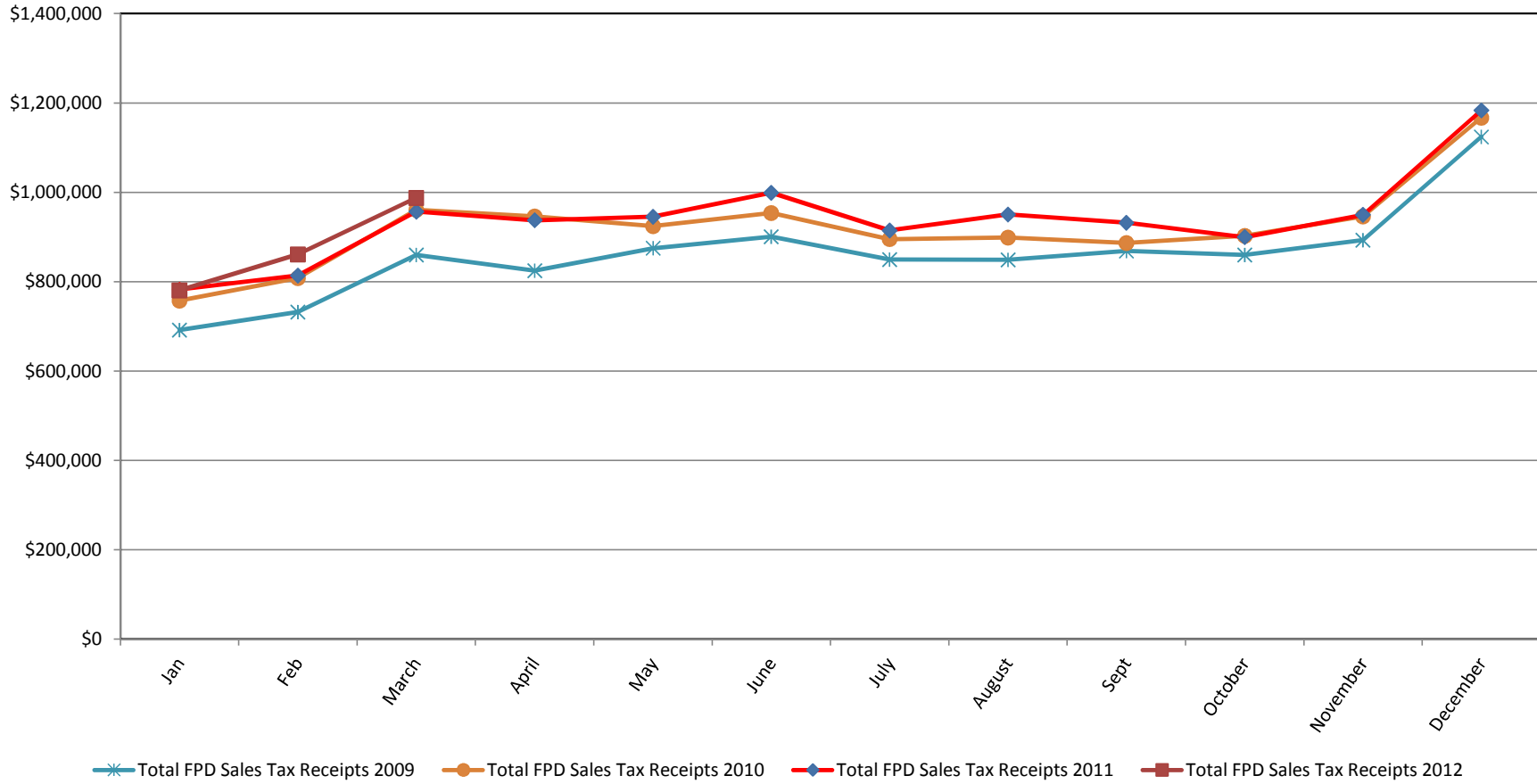
**SOUTHWESTERN ILLINOIS FLOOD PROTECTION DISTRICT COUNCIL
GENERAL FUND
STATEMENT OF REVENUES AND EXPENDITURES - BUDGET AND ACTUAL
EIGHT MONTHS ENDED MAY 31, 2012 (Actual)
FISCAL YEAR ENDING SEPTEMBER 30, 2012 (Budget)**

	BUDGET		ACTUAL	VARIANCE WITH
	ORIGINAL	FINAL		FINAL BUDGET
				POSITIVE (NEGATIVE)
REVENUES				
Sales Tax Proceeds From Districts	\$ 11,000,000	\$ 11,000,000	\$ 7,471,342	\$ 3,528,658
Interest Income	878,365	878,365	860,353	18,012
Other Contributions	-	-	-	-
Total Revenues	11,878,365	11,878,365	8,331,695	3,546,670
EXPENDITURES				
Current				
Design and Construction				
Engineering Design & Construction Management	6,000,000	6,000,000	2,465,438	3,534,562
Construction	20,000,000	20,000,000	758,430	19,241,570
Construction and design by US ACE	1,100,000	1,100,000	-	1,100,000
Federal Cost-Share	-	-	-	-
Total Design and Construction	27,100,000	27,100,000	3,223,868	23,876,132
Professional Services				
Legal & Legislative Consulting	126,000	126,000	47,587	78,413
Construction Oversight	160,000	160,000	40,147	119,853
Impact Analysis/Research	1,000	1,000	-	1,000
Financial Advisor	20,000	20,000	941	19,059
Bond Underwriter/Conduit Issuer	93,529	93,529	-	93,529
Total Design and Construction	400,529	400,529	88,675	311,854
Refund of Surplus Funds to County FPD Accounts				
Madison County	-	-	1,410,045	(1,410,045)
Monroe County	-	-	138,224	(138,224)
St. Clair County	-	-	1,434,563	(1,434,563)
Total Refund of Surplus Funds to County	-	-	2,982,832	(2,982,832)
Debt Service				
Principal and Interest	6,197,300	6,197,300	7,101,539	(904,239)
Federal Interest Subsidy	-	-	(455,070)	455,070
Total Debt Service	6,197,300	6,197,300	6,646,469	(449,169)
Total Operating Expenses	33,697,829	33,697,829	12,941,844	20,755,985
General and Administrative Costs				
Salaries, Benefits	189,365	189,365	122,874	66,491
Advertising	2,500	2,500	-	2,500
Bank Service Charges	420	420	441	(21)
Conference Registration	700	700	336	364
Equipment and Software	2,300	2,300	-	2,300
Fiscal Agency Services	20,000	20,000	27,562	(7,562)
Furniture	300	300	-	300
Meeting Expenses	1,000	1,000	186	814
Miscellaneous Startup Expenses	-	-	-	-
Office Rental	-	-	-	-
Postage/Delivery	600	600	195	405
Printing/Photocopies	2,500	2,500	351	2,149
Professional Services	18,000	18,000	48,688	(30,688)
Publications/Subscriptions	200	200	-	200
Supplies	1,350	1,350	1,002	348
Telecommunications/Internet	3,500	3,500	2,390	1,110
Travel	12,500	12,500	6,654	5,846
Other Business Expenses	-	-	-	-
Insurance	3,000	3,000	990	2,010
Total General & Administrative Costs	258,235	258,235	211,669	46,566
Total Expenditures	33,956,064	33,956,064	13,153,513	20,802,551
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES				
	(22,077,699)	(22,077,699)	(4,821,818)	17,255,881
OTHER FINANCING SOURCES				
Proceeds From Borrowing	-	-	-	-
NET CHANGE IN FUND BALANCE	\$ (22,077,699)	\$ (22,077,699)	\$ (4,821,818)	\$ 17,255,881

**SOUTHWESTERN ILLINOIS FLOOD PROTECTION DISTRICT COUNCIL
GENERAL FUND
STATEMENT OF REVENUES AND EXPENDITURES - BUDGET AND ACTUAL
EIGHT MONTHS ENDED MAY 31, 2011 (Actual)
FISCAL YEAR ENDING SEPTEMBER 30, 2011 (Budget)**

	BUDGET		ACTUAL	VARIANCE WITH
	ORIGINAL	FINAL		FINAL BUDGET
				POSITIVE (NEGATIVE)
REVENUES				
Sales Tax Proceeds From Districts	\$ 10,510,886	\$ 10,510,886	\$ 4,497,950	\$ 6,012,936
Interest Income	335,060	335,060	4,345	330,715
Other Contributions	-	-	-	-
Total Revenues	<u>10,845,946</u>	<u>10,845,946</u>	<u>4,502,295</u>	<u>6,343,651</u>
EXPENDITURES				
Current				
Design and Construction				
Engineering Design & Construction Management	6,598,265	6,598,265	2,973,604	3,624,661
Construction	50,000,000	50,000,000	3,238,533	46,761,467
Construction and design by US ACE	1,650,000	1,650,000	1,137,564	512,436
Federal Cost-Share	-	-	-	-
Total Design and Construction	<u>58,248,265</u>	<u>58,248,265</u>	<u>7,349,701</u>	<u>50,898,564</u>
Professional Services				
Legal & Legislative Consulting	126,000	126,000	56,865	69,135
Construction Oversight	140,833	140,833	-	140,833
Impact Analysis/Research	20,000	20,000	-	20,000
Financial Advisor	-	-	19,524	(19,524)
Bond Underwriter/Conduit Issuer	-	-	-	-
Total Design and Construction	<u>286,833</u>	<u>286,833</u>	<u>76,389</u>	<u>210,444</u>
Bond Issuance Costs	<u>1,152,000</u>	<u>1,152,000</u>	<u>1,359,116</u>	<u>(207,116)</u>
Reimbursement of Advance Funding	<u>3,501,778</u>	<u>3,501,778</u>	<u>3,241,072</u>	<u>260,706</u>
Debt Service				
Supplemental Bond Reserve Fund	5,731,238	5,731,238	-	5,731,238
Principal and Interest	4,987,151	4,987,151	(359,000)	5,346,151
Total Debt Service	<u>10,718,389</u>	<u>10,718,389</u>	<u>(359,000)</u>	<u>11,077,389</u>
Total Operating Expenses	<u>73,907,265</u>	<u>73,907,265</u>	<u>11,667,278</u>	<u>62,239,987</u>
General and Administrative Costs				
Salaries, Benefits	183,885	183,885	117,124	66,761
Advertising	2,500	2,500	-	2,500
Bank Service Charges	420	420	383	37
Conference Registration	700	700	-	700
Equipment and Software	3,800	3,800	5,124	(1,324)
Fiscal Agency Services (EWG)	16,500	16,500	13,265	3,235
Furniture	1,000	1,000	641	359
Meeting Expenses	400	400	701	(301)
Miscellaneous Startup Expenses	-	-	-	-
Office Rental	7,200	7,200	-	7,200
Postage/Delivery	500	500	208	292
Printing/Photocopies	1,350	1,350	-	1,350
Professional Services	12,500	12,500	15,225	(2,725)
Publications/Subscriptions	200	200	-	200
Supplies	1,260	1,260	1,020	240
Telecommunications/Internet	3,190	3,190	1,925	1,265
Travel	8,200	8,200	4,872	3,328
Other Business Expenses	1,750	1,750	472	1,278
Insurance	3,000	3,000	978	2,022
Total General & Administrative Costs	<u>248,355</u>	<u>248,355</u>	<u>161,938</u>	<u>86,417</u>
Total Expenditures	<u>74,155,620</u>	<u>74,155,620</u>	<u>11,829,216</u>	<u>62,326,404</u>
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	(63,309,674)	(63,309,674)	(7,326,921)	55,982,753
OTHER FINANCING SOURCES				
Proceeds From Borrowing	84,268,762	84,268,762	95,863,994	11,595,232
NET CHANGE IN FUND BALANCE	<u>\$ 20,959,088</u>	<u>\$ 20,959,088</u>	<u>\$ 88,537,073</u>	<u>\$ 67,577,985</u>

FPD Sales Tax Trends Actual Receipts 2009-2011



**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
SUPPLEMENTARY SUPPORTING SCHEDULE
BANK TRANSACTIONS
05/31/12**

Beginning Bank Balance May 1				576,090.73
Receipts				
UMB Bank	05/11/2012	Funds Transfer	47,823.09	
UMB Bank	05/11/2012	Funds Transfer	314,862.41	
Bank of Edwardsville	05/31/2012	Interest Income	101.61	
	Total Receipts			362,787.11
AMEC Earth & Environmental, Inc.	05/09/2012	Construction Fees	311,862.41	
Husch Blackwell Sanders	05/09/2012	Services	21,446.31	
CliftonLarsonAllen LLP	05/09/2012	Services	1,800.00	
Sprague & Urban, Attorneys at Law	05/09/2012	Services	600.00	
Les Sterman	05/10/2012	Reimbursement for Expenses	209.00	
UMB Bank	05/10/2012	Wire Transfer to UMB for Checks From US Treasury	455,069.89	
Wire Transfer Fee	05/10/2012	Wire Transfer Fee	15.00	
Wire Transfer Fee	05/11/2012	Wire Transfer Fee	10.00	
Wire Transfer Fee	05/11/2012	Wire Transfer Fee	10.00	
Monthly Bank Charges	05/31/2012	Bank Fees	16.44	
Walmart	05/16/2012	Office Supplies	17.11	
Provantage Corporation	05/23/2012	Office Supplies	237.00	
Panera Bread	05/25/2012	Lunch for Meeting	102.99	
AT&T	05/29/2012	Telephone	151.99	
T-Mobile	05/31/2012	Telephone	38.37	
	Total Disbursements			791,586.51
Ending Bank Balance May 31				147,291.33



Memo to: Board of Directors

From: Les Sterman

Subject: Amendment to AMEC Work Order 6 – Consulting Services for Section 408 Project Review

Date: June 18, 2012

The Corps has imposed on our project an extensive review process under the authority provided to them by 33 USC Section 408. The review process imposes added costs in the form of extensive additional documentation that must be prepared and submitted, attending meetings with the Corps review teams, formally responding to Corps comments and questions on the design, and developing a series of individual permit application packages.

Recognizing that the extent of effort required to respond to the Corps' review process was not adequately anticipated in our design budget or in the existing design work orders with AMEC, we entered into a separate Work Order 6 to accommodate the Sec. 408 review. The purpose of this work order is to provide AMEC with the resources to engage the Corps in the review process and to allow us to separately account for the cost of the review.

As I indicated when Work Order 6 was approved by the Board in December 2011, the level of effort required was unpredictable, given the Corps' inability to confirm a specific review process, making the amount of this work order subject to revision in the future. As the review process unfolded and the technical debate over various design features expanded and escalated in recent months, AMEC has been asked to expend significant resources on additional analysis and data collection. Now, given the Corps' latest expectations for design submittals for graded filters/trench drains in particular, it has become apparent that AMEC will be incurring substantial costs for providing additional data and analysis and, in some cases, redesigning features included in the 60% design submission.

The original budget for Work Order 6 was \$181,000. The proposed amendment increases the budget by an additional \$466,940. About half of this amount will be incurred by AMEC, with the remainder by subconsultants and other specialists. This amount will cover the reviews for graded filters and pump stations, but additional amounts may be needed in the future for other design features, most notably any cutoff walls, or if there is significant preparation for external reviews.

The budget impact of this additional work will not be noticeable at this point, since we have already included \$500,000 in the budget (see Table 1) for the external review, which may not be needed because the Corps has agreed to pay those costs. The more likely budget implication will come in actual construction costs that are expected to increase as a result of Corps design requirements.

As I did in December, I am making the following recommendation reluctantly, and only because it seems that we have little choice but to comply with the Corps' requirements. There should be little doubt, however, that the funds expended on this review process would have otherwise been better spent on levee improvements that would actually reduce risk to the public.

Recommendation: Authorize the Chief Supervisor to execute an amendment to Work Order #6 – USACE 408 Reviews with AMEC Environment & Infrastructure. The cost of the amendment to provide the services described in the work order will not exceed \$466,940 and cover a period through March 30, 2013.

Table 1
Revised Project Cost Estimate
(12.21.2011)

	<i>7.2011 Estimate (30% Design)</i>	%	<i>12.2011 Estimate (60% Design)</i>	%	<i>Change from 7.2011 Estimate</i>
<u>Construction</u>					
Wood River	\$52,170,000	34.6%	\$48,156,000	34.3%	(\$4,014,000.00)
MESD	\$59,698,000	39.6%	\$40,108,000	28.6%	(\$19,590,000.00)
PdP/FL	\$17,612,000	11.7%	\$28,916,000	20.6%	\$11,304,000.00
COR/Mel Price		0.0%	\$500,000	0.4%	\$500,000.00
Construction Testing	\$5,668,000	3.8%	\$5,668,000	4.0%	\$0.00
Subtotal-Construction	\$135,148,000	89.7%	\$123,348,000	87.9%	(\$11,800,000.00)
<u>Professional Services</u>					
Program Management	\$2,200,000	1.5%	\$2,200,000	1.6%	\$0.00
Design	\$7,799,000	5.2%	\$8,501,374	6.1%	\$702,373.88
Construction Management	\$5,183,000	3.4%	\$5,183,000	3.7%	\$0.00
Corps Review Support		0.0%	\$681,000	0.5%	\$681,000.00
Certification	\$325,000	0.2%	\$480,000	0.3%	\$155,000.00
Subtotal-Prof. Services	\$15,507,000	10.3%	\$17,045,374	12.1%	\$1,538,373.88
Total Project Cost	\$150,655,000		\$140,393,374		(\$10,261,626.12)

Notes:

1. All construction costs are in year of expenditure dollars and include a contingency of approximately 20%, except for cutoff walls where contingency is 30%.
2. Design features included in the 60% phase resulted in reduced capital costs but increased certain design costs, particularly for additional pump stations.
3. Corps review support includes additional AMEC consulting fees (\$181,000) and the cost (\$500,000) of a potential independent external peer review (Safety Assurance Review).
4. Additional certification inspection, documentation and construction costs will be incurred by the FPD to develop needed documentation for levee reaches and improvements that are Corps responsibility.
5. Operations/Administration (Council staffing, project management oversight consultant and Corps of Engineers liaison) estimated at \$3,186,000 during the period of construction is not included in this total, but is deducted from sales tax prior to payment of interest and principal on Series 2010 bonds .



WORK ORDER NO: MSA01-WO06-AMD01

USACE 408 Review – Amendment #1

Issued Pursuant to Master Services Agreement Effective **August 18, 2010**,

By and Between

AMEC Earth & Environmental, Inc. (AMEC)

and

Southwestern Illinois Flood Prevention District Council (CLIENT)

CLIENT Office:	<u>104 United Drive</u> <u>Collinsville, IL 62234</u>	AMEC Project No:	<u>563170001</u>
CLIENT Contact:	<u>Les Sterman</u>	Work Order Type: (Check One)	
AMEC Office:	<u>15933 Clayton Road</u> <u>Suite 215</u> <u>Ballwin, MO 63011</u>	Time and Materials (rates attached)	<u>X</u>
		Fixed Price	
AMEC Contact:	<u>Jon Omvig</u>	CLIENT Reference No:	<u>n/a</u>

1. SCOPE OF WORK: See Attachment A (incorporated herein by reference)

2. LOCATION/CLIENT FACILITY INVOLVED: Wood River Drainage and Levee District, Metro - East Sanitary District, Prairie du Pont Drainage and Levee District and Fish Lake Drainage and Levee District

3. PERIOD OF PERFORMANCE: December 1, 2011 through March 30, 2013

4. AUTHORIZED FUNDING: \$466,940

5. SPECIAL PROVISIONS: n/a

**Southwestern
Illinois Flood Prevention District Council**

AMEC Earth & Environmental, Inc.

By: _____
Name: Les Sterman
Title: Chief Supervisor of
Construction and the Works

By: _____
Name: Jim Shepard
Title: Senior Vice President

Date: _____
Address: 104 United Drive
Collinsville, IL 62234

Date: _____
Address: 15933 Clayton Road, Suite 215
Ballwin, MO 63011

**Attachment A
Scope of Work**

**WORK ORDER NO: MSA01-WO06
USACE 408 Reviews**

AMEC Project No: 56317001

Services to be provided by AMEC under this Work Order include meeting preparation, meeting attendance, permit application, response to Corps comments, and consolidation of technical data and technical analysis. The Scope of Services for this task order covers those activities not initially identified or anticipated in the proposal for levee design services.

Prior to completion of services included in Work Order MSA01-WO06, AMEC will solicit the concurrence of the Chief of the Works before proceeding to any additional investigations and analysis. Services to be provided by AMEC under this Work Order include:

1. MEETING PREPARATION AND ATTENDANCE

- 1.1. In order to identify Corps submittal requirements for the 408 process, prepare summaries of design criteria for design solutions and present at meetings with USACE. ***(Ongoing)***
- 1.2. Prepare meeting summaries, and compile additional info for submittal to USACE as a follow up to meetings ***(Ongoing)***

2. DATA COLLECTION AND CONSOLIDATION FOR 60% SUBMITTAL

- 2.1. Once USACE determines 408 submittal requirements, format existing data and design information into a format appropriate for review by USACE. ***(Completed)***

3. 408 ENVIRONMENTAL ASSESSMENT SUPPORT

- 3.1. Collect additional information and provide to USACE for inclusion in the Environmental Assessment they will prepare as part of the 408 process. This excludes data/analysis that is part of the 404 submittal package. ***(Completed)***

4. RESPOND TO USACE 60 % COMMENTS AT INFORMAL MEETING WITH THE CORPS

- 4.1. Have Discipline Leads for each levee attend an informal review meeting with USACE prior to entering formal comments into Dr. Checks to ensure that review is centered on 408 review rather than conformance with USACE Design Criteria. ***(Completed)***

5. RESPOND TO USACE 60 % COMMENTS USING Dr. Checks REVIEW

- 5.1. Compile list of reviewers, with appropriate contact information and provide to USACE for inclusion in Dr. Checks, register and load access for Dr. Checks. ***(Completed)***
- 5.2. Review USACE comments and provide response in Dr. Checks. ***(Ongoing)***

6. TECHNICAL ANALYSIS AND ADEQUACY OF DESIGN

- 6.1. Meet with Corps to determine submittal requirements for documentation of adequacy of design. ***(Ongoing)***
- 6.2. Analyze for PDPFL whether the proposed berms provide as great a safety factor as the existing relief wells. ***(In Progress)***

- 6.3. Prepare additional slope stability analyses for cutoff walls (more than the one section that is done to date), including calculations and adequate subsurface information that can be provided to COE. **(Completed)**
- 6.4. Analyze the gravel size specified on the filter details, with regard to erosion. **(Completed)**
- 6.5. Review constructability issues (biopolymer slurry). **(Not Yet Completed)**
- 6.6. Provide flow analyses for 100% free draining trench/filter, 50% clogged and 100% clogged scenarios, and translate results into O&M program. **(Completed except for O&M program)**
- 6.7. Model Conroy-proposed trench design with flow piped upward through risers **(In Progress)**

7. PERMIT APPLICATION

- 7.1. Complete eight Bid Packages, and upon determination of Permit Application format and submittal requirements, prepare individual permit applications for each bid package. **(In Progress)**

8. REAL ESTATE ANALYSIS

- 8.1. Provide surveys made during final design, showing limits of construction, property ownership, and fee simple acquisition or easements. **(In Progress)**

9. RISK ANALYSIS

- 9.1. Prepare short narrative describing the fact that the proposed improvements are reducing flood risks. **(Not Yet Completed)**

10. RESPONSE TO USACE COMMENTS

- 10.1. Upon USACE completion of initial Technical Review, prepare response to USACE comments. This response may be in the form of formal written documentation, or may be accomplished during informal meetings with the USACE. **(Not Yet Completed)**
- 10.2. Upon completion of USACE 408 application review, respond to comments using DRChecks. **(Not Yet Completed)**
- 10.3. In response to USACE request for additional analysis or documentation, conduct additional analysis. **(Not Yet Completed)**

AMEC 408 Activities to Date:

March 6 meeting with COE
March 6 teleconference with COE for MESD relief wells
March 21 meeting at COE office, including prep
April 16 meeting at COE office, including prep
May 14-15 meeting at COE office, including prep
Evaluation of gradients for 0/50/100% clogging, modeling, QA, to address COE DrCheck filter comments prior to March 6 meeting; vary blanket thickness; evaluate design using COE E-2; demonstrate that drains are effective at reducing gradients
Reviewed all proposed relief well locations to find overlap with COE, which would provide opportunity for matching funds
Where AMEC/COE disagree on well locations, review AMEC's proposed well to see if they can be adjusted to COE location/outlet
Evaluate converting relief well manifolds to straight riser to address USACE comment for PDPFL
Discussions, teleconferences with AMEC team regarding COE responses
Review first round DrChecks comments and prepare partial responses
Review Re-Evaluation DrChecks comments and prepare partial responses
Review Station 138 DrChecks comments and prepare responses
Additional Analysis of well pump test data to calculate and lower permeability / transmissivity
Calibrations re-run with thick blanket or silty sand in the channel
Re-analyzed formation grain size data in response the Corps comments
Trench Drain Design Modification
Trench Drain Design Modification after initial webex with COE
Subconsultant: Talbot review of COE filter concerns, prepare response
Teleconferences AMEC-URS to evaluate responses
Research/evaluation of "velocity" criteria
Letters, correspondence, meeting minutes and summaries
Evaluate COE "what-if" concerns, prepare sensitivity analyses
Review meeting minutes and summary memo
Prepare design steps and scope for modifying drain design to meet COE criteria
Responded to Bid Package 1 100% 408 Comments

Amendment #1 – Scope of Work

11. GRADED FILTER INTERIM SUBMITTALS (FOR BID PACKAGES 2B, 3, 4,& 5)

- 11.1. *Evaluate existing conditions using USACE criteria for drain gradient and aquifer permeability, as per May 14-15 meeting*
- 11.2. *Conduct sensitivity analyses for aquifer permeability and/or boundary conditions at selected cross sections, as per May 14-15 meeting*
- 11.3. *Develop cross sections and profiles as per USACE review checklist, provided after May 14-15 meeting*
- 11.4. *Select/design filter and (as needed) piping*
- 11.5. *DrChecks review and responses*
- 11.6. *Prepare submittal packages as per USACE review checklist*
- 11.7. *Review DrChecks comments and respond in writing*
- 11.8. *Attend up to two meetings at SLD office to discuss questions/designs*

12. PUMP STATION – BID PACKAGE 2A

- 12.1. *Review comments from USACE via DR CHECKS*
- 12.2. *Evaluate comments and determine response to comments*
- 12.3. *Revise pump station calculations as deemed necessary by AMEC in response to USACE Comments*
- 12.4. *Revise pump station construction drawings as deemed necessary by AMEC in response to USACE comments*
- 12.5. *Revise pump station specification and operation and maintenance manuals as deemed necessary by AMEC in response to USACE comments*
- 12.6. *Resubmit Bid Package 2A to USACE for final review and issuance of permit*

MAN-HOUR ESTIMATE



408 Review - Amendment #1

Task	Project Manager	Disp. Leads	Project Engineers	CADD Support	Proj Assistant	Total Hours	Labor Cost	Direct Cost	Subconsultant Cost	Total Cost
Task 7 Permit Application										
7.1 408 Applications for Bid Package 2A	2	16	4	0	4	26	\$4,500	\$300	\$0	\$4,800
Task 7 Permit Application - Subtotal	2	16	4	0	4	26	\$4,500	\$300	\$0	\$4,800
Task 11 - Graded Filter Interim Review										
11.1 Reviewing Comments	2	4	4	0	4	14	\$2,160	\$200	\$0	\$2,360
11.2 Responding to Comments	2	8	8	0	4	22	\$3,460	\$300	\$0	\$3,760
11.4 Analysis Design	12	300	370	400	16	1,098	\$154,920	\$10,000	\$196,000	\$360,920
11.5 Resubmit to USACE	0	1	104	150	14	269	\$31,685	\$2,000	\$0	\$33,685
Task 11 - Graded Filter Interim Review - Subtotal	16	313	486	550	38	1,403	\$192,225	\$12,500	\$196,000	\$400,725
Task 12 - Pump Station Pkg 2A										
12.1 Reviewing Comments	2	4	4	0	4	14	\$2,160	\$200	\$1,200	\$3,560
12.2 Responding to Comments	2	8	8	0	4	22	\$3,460	\$200	\$1,200	\$4,860
12.3 Revisions to Calculations & QA/QC	2	4	16	0	4	26	\$3,720	\$200	\$1,800	\$5,720
12.4 Revisions to Construction Drawings & QA/QC	2	16	26	48	8	100	\$13,060	\$800	\$15,000	\$28,860
12.5 Revisions to Specifications / O&M Manual & QA/QC	2	16	28	0	12	58	\$8,460	\$500	\$8,000	\$16,960
12.6 Resubmit to USACE	1	1	4	0	4	10	\$1,355	\$100	\$0	\$1,455
Task 12 - Pump Station Pkg 2A - Subtotal	11	49	86	48	36	230	\$32,215	\$2,000	\$27,200	\$61,415
Total 408 mod	29	378	576	598	78	1,659	228,940	14,800	223,200	466,940



Memo to: Board of Directors

From: Les Sterman

Subject: USACE Request for Pump Station Repairs in the Wood River Levee District

Date: June 18, 2012

The USACE has requested local cost-share to match federal funding from Federal FY2012 for pump station repairs in the Wood River Drainage and Levee District. The Corps has determined that the roof structures in four pump stations are in need of repair or replacement. The cost-share would be provided in accordance with the existing Project Partnership Agreement between the USACE and the WRDLD. The total request is \$88,846.15, which will match \$165,000 in Federal funds. Because there is a \$11,583 credit relating to earlier cost-share the amount requested from the Council is \$77,263.09. A copy of the USACE requests is attached.

Funding Commitments to the Wood River Levee Project

Date	Local	ARRA	Approp	Total
Aug-09	\$1,886,692	\$1,311,692	\$575,000	\$3,773,384
Sep-09	\$1,461,923	\$831,923	\$630,000	\$2,923,846
Jan-10	\$2,200,000	\$4,085,714		\$6,285,714
Apr-10	\$1,615,385	\$3,000,000		\$4,615,385
May-10	\$2,251,461	\$4,183,141		\$6,434,602
Nov-10	\$591,231		\$1,098,000	\$1,689,231
Aug-11	\$727,300		\$2,078,000	\$2,805,300
12-Jun	\$77,263		\$165,000	\$242,263
Total	\$10,811,255	\$13,412,470	\$4,381,000	\$28,769,725

The Corps' proposed expenditures on this project contribute to achieving the 100-year level of protection needed for FEMA accreditation.

If approved by the Board, the Council will pay these costs from the construction fund of the series 2010 bonds.

Recommendation: Authorize the Chief Supervisor to pay the U.S. Army Corps of Engineers \$77,263.09 to serve as cost-share for pump station repairs in the Wood River Drainage and Levee District.



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

REPLY TO
ATTENTION OF:

Planning, Programs and Project Management Division
Project Management Branch

21 MAY 2012

Mr. Les Sterman
Southwestern Illinois Flood Prevention District Council
104 United Drive
Collinsville, IL 62234

Dear Mr. Sterman:

In support of the Wood River Levee System repair project, the Saint Louis District of the U.S. ARMY Corps of Engineers in coordination with Wood River Levee District personnel have identified that the roof structures at East Alton #2, Wood River, Rand Avenue and Hawthorne Street Pump Stations are in dire need of repair or replacement. The total estimated cost of this project is \$253,846.16. The Saint Louis District of the U.S. ARMY Corps of Engineers has requested and received additional Federal Funding in the amount of \$165,000.00, for this effort and this funding represents the Federal Government's 65% share of the total cost. Based on this amount, the corresponding non Federal sponsor share match of 35% is \$88,846.15. However, our records indicate that your cost share account balance is currently carrying a credit balance of \$11,583.06.

Per the Project Partnership Agreement, I am writing to request the remaining amount of \$77,263.09. If payment is made by check, the check should be made payable to "FAO-USAED St. Louis" and should be mailed to the U.S. Army Corps of Engineers, St. Louis District, Attention : CEMVS-PM-N (Kerr), 1222 Spruce Street, St. Louis, Missouri 63103-2833. If another method of payment will be used, please contact me in order that the transaction information can be set up. The requested funds are due in the St. Louis District by 15 July 2012. If paying by check, allow an additional two weeks processing time.

The U.S. Army Corps of Engineers thanks you for your continued support and partnership in this endeavor.

If you have any questions, please contact me at (314) 331-8780 or e-mail Timothy.J.Kerr@usace.army.mil.

Sincerely,

Timothy J. Kerr, PMP
Project Manager

Wood River Levee System Reconstruction Project

CF: Mr. Leroy Emerick, President of the Wood River Drainage & Levee District Council
Mr. Joe Parente, Madison County Government (electronic copy)