



Memo to: Board of Directors

From: Chuck Etwert

Subject: Program Status Report for May, 2014

Date: May 19, 2014

We continue to work on the acquisition of easements needed to complete the projects that have been awarded. BP #3 involves 9 owners and 15 parcels, BP #5 involves 1 owner and 1 parcel, and BP #6 involves 2 owners and 3 parcels for a total of 12 owners involving 19 parcels. The twelve owners can be broken down as 4 individuals, 3 railroads, 3 corporations and 2 governmental units. As previously mention it is imperative that we reach agreements with these property owners as soon as possible before our contractors start requesting change orders due to delay of site access. There may be an executive session at the end of the meeting to discuss one or two situations.

With the better weather the last couple of months, approximately 18% of the \$39 million of construction involved in our six current construction bid packages has been completed thru April 30th.

At last month's meeting, the Corps' request for cost-share funding for three projects in the East St. Louis and Wood River Districts was tabled and I was instructed to negotiate a new agreement with Mr. Feldmann. The Corps has come back with a different approach to utilize the available funding within the FY14 timeframe, which will be discussed later in the meeting.

AMEC handed the Wood River cutoff walls plans to the Corps on Friday April 18, 2014. The four month "streamlined" Sec. 408 review which requires approval from the Corps Division and Headquarters offices has begun. Plans for the Corps Division and Headquarter offices have been requested, which is a good sign.

On April 23, 2014 representatives of Senator Durbin's office toured our construction sites with AMEC representatives and myself and have since offered their assistance regarding obtaining an easement.

I am pleased to inform you that the refunds from Ameren Illinois for the extension and modification of their system to serve the BP #2B Site 05 Gummersheimer Pump Station (\$649,979.38 originally) and BP #2B Site 16 Water Street Pump Station (\$170, 271.13

originally) have been received. The refund of the normal tax gross up amounted to \$114,274.49 for Site 05 and \$18,267.93 for Site 16 for a total refund of \$132,542.42. I will be coming back next month for a funding request involving the relocation of lines by Ameren Illinois in regards to BP #7B project. Ameren Illinois is currently finalizing the costs.

During the last two Program Status Reports, I have mentioned the possibility of receiving a state grant from the Illinois Capital Development Board for the BP #2A Project, which involves the construction of five pump stations in the Prairie Du Pont, MESD, and Wood River Districts. A \$100,000 grant has been received and is on today's agenda.

We have received the Corps schedule for the reconsideration of the utilization of Project Labor Agreements (PLA) on future projects involving FPD funds. The schedule indicates a decision by late July.

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



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

Monthly Project Progress Report May 2014

AMEC Project No. 563170001
Period Ending Date: May 11, 2014

Date of Issue: May 16, 2014

Table of Contents

1. OVERVIEW	3
1.1 PROJECT DESCRIPTION	3
1.2 AMEC SCOPE	3
1.3 KEY CONTACTS / PEOPLE	3
2. HEALTH, SAFETY, SECURITY, ENVIRONMENT (HSSE)	4
2.1 HSSE REPORTS	4
3. PROJECT STATUS UPDATE	5
3.1 BID PACKAGE 2A	5
3.1.1 Calendar	5
3.1.2 Progress	5
3.1.3 Property Acquisition	5
3.1.4 Levee Board Considerations	5
3.1.5 Submittals	5
3.1.6 Change Orders	5
3.1.7 Field Activities and Look Ahead	5
3.1.8 QC/QA Activities	5
3.1.9 Considerations	5
3.1.10 Payment Progress	5
3.2 BID PACKAGE 2B	6
3.2.1 Calendar	6
3.2.2 Progress	6
3.2.3 Property Acquisition	6
3.2.4 Levee Board Considerations	6
3.2.5 Submittals	6
3.2.6 Change Orders	6
3.2.7 Field Activities and Look Ahead	7
3.2.8 QC/QA Activities	7
3.2.9 Considerations	7
3.2.10 Payment Progress	7
3.3 BID PACKAGE 03	8
3.3.1 Calendar	8
3.3.2 Progress	8
3.3.3 Property Acquisition	8
3.3.4 Levee Board Considerations	8
3.3.5 Submittals	8
3.3.6 Change Orders	8
3.3.7 Field Activities and Look Ahead	8
3.3.8 QC/QA Activities	8
3.3.9 Considerations	8
3.3.10 Payment Progress	8
3.4 BID PACKAGE 4	9
3.4.1 Calendar	9
3.4.2 Progress	9
3.4.3 Property Acquisition	9
3.4.4 Levee Board Considerations	9
3.4.5 Submittals	9
3.4.6 Change Orders	9
3.4.7 Field Activities and Look Ahead	9
3.4.8 QC/QA Activities	9
3.4.9 Considerations	9
3.4.10 Payment Progress	9

AMEC Environment & Infrastructure – Construction Engineering and Inspection

3.5	BID PACKAGE 5.....	10
3.5.1	Calendar	10
3.5.2	Progress	10
3.5.3	Property Acquisition.....	10
3.5.4	Levee Board Considerations	10
3.5.5	Submittals	10
3.5.6	Change Orders	10
3.5.7	Field Activities and Look Ahead	10
3.5.8	QC/QA Activities	10
3.5.9	Considerations	10
3.5.10	Payment Progress.....	10
3.6	BID PACKAGE 6.....	11
3.6.1	Calendar	11
3.6.2	Progress	11
3.6.3	Property Acquisition.....	11
3.6.4	Levee Board Considerations	11
3.6.5	Submittals	11
3.6.6	Change Orders	11
3.6.7	Field Activities and Look Ahead	11
3.6.8	QC/QA Activities	11
3.6.9	Considerations	11
3.6.10	Payment Progress.....	11

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 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.

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@amec.com
Project Manager	Jon Omvig, AICP, 636.200.5118 jon.omvig@amec.com
Resident Engineer/QA Manager	Kurt Wengert, PE, 314.288.7661 kurt.wengert@amec.com
Construction Inspector	Kevin Williams, 618.401.7226 kevin.m.williams@amec.com
Project Coordinator	Kendra Mitchom, 618.346.9120 kendra.mitchom@amec.com

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

2.1 HSSE Reports

Health/Safety
No issues during this reporting period.
Security
No issues during this reporting period.
Environment (SWPPP)
No issues during this reporting period.

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	May 30, 2014 (see 3.1.9 below)
Final Walk Through	
Final Acceptance	

3.1.2 Progress

ID	Description	Target	Actual	Comments
A	Construct Site 1 Pump Station	June 2014 ?	57.1%	Work progressing slowly due to delivery times and high river levels; long lead items (formed suction inlets, pump tubes, and Limitorque actuator) have been delivered.

3.1.3 Property Acquisition

All property is acquired.

3.1.4 Levee Board Considerations

None at this time.

3.1.5 Submittals

Submittals complete.

3.1.6 Change Orders

See Change Order Log attached.

3.1.7 Field Activities and Look Ahead

Contractor has completed all of the intake structure concrete construction, and still has discharge forcemains and earthwork to complete. Earthwork is delayed by river levels over 17.0.

3.1.8 QC/QA Activities

Juneau/SCI onsite performing testing activities.

3.1.9 Considerations

Extra time to complete project expected due to high river impacts. Amount of time will be based on number of days of high water.

3.1.10 Payment Progress

See Contract Invoice Log attached.

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	August 27, 2014
Final Walk Through	
Final Acceptance	

3.2.2 Progress

ID	Description	Target	Actual	Comments
A	Construct Site 10 Pump Station	July 2014	15.5%	Outfall structure and valve box complete; forcemains connected from valve box to outfall structure
B	Construct Site 16 Pump Station	July 2014	46.0%	Outfall structure and valve box complete; intake structure foundation and walls placed; forcemains connected from valve box to outfall structure
C	Construct Site 5 Pump Station	July 2014	7.1%	Outfall structure complete; intake structure foundation and walls placed
D	Construct Site 12 Pump Station	November 2014	5.3%	Testing of existing force main discharge pipes delayed due to river levels
E	Construct Site 15 Pump Station	August 2014	4.5%	Initial staking and layout only

3.2.3 Property Acquisition

All property is acquired.

3.2.4 Levee Board Considerations

Possible time extension to allow for Site 12 construction in October.

3.2.5 Submittals

Submittal process ongoing.

3.2.6 Change Orders

See Change Order Log attached

AMEC Environment & Infrastructure – Construction Engineering and Inspection

3.2.7 Field Activities and Look Ahead

- Site 5 - work on intake structure including formed suction inlets and sluice gates
- Site 10 - excavation of intake structure to begin within next week
- Site 12 - force main pipe testing still ongoing, but Contractor needs lower river levels
- Site 15 - none
- Site 16 - delivery of pumps and piping for inside of pump station, then constructing the top slab

3.2.8 QC/QA Activities

Juneau/SCI onsite performing testing activities.

3.2.9 Considerations

Site 12 Pump Station construction is delayed until October 16, 2014 per USACE 408 permit requirements.

3.2.10 Payment Progress

See Contract Invoice Log attached.

3.3 Bid Package 03

3.3.1 Calendar

Bid Date:	December 3, 2013
Contract executed	January 27, 2014
Schedule received	December 3, 2013
Anticipated start of field activities	Pending property acquisition
Start of field activities	
Anticipated completion date	<i>September 29, 2014 (see 3.3.9 below)</i>
Final Walk Through	
Final Acceptance	

3.3.2 Progress

ID	Description	Target	Actual	Comments
A	Blanket Drains, Seepage Berms and Stream Banks	September 2014	TBD	Inactive due to land acquisition
B	Relief Wells and Piezometers	September 2014	TBD	Inactive due to land acquisition

3.3.3 Property Acquisition

Major parcels are still needed for project to progress. Partial NTP issued March 13, 2014.

3.3.4 Levee Board Considerations

The slow progress of land acquisition is affecting the levee certification schedule. Property acquisition needs to be expedited.

3.3.5 Submittals

Submittal process ongoing.

3.3.6 Change Orders

See Change Order Log attached.

3.3.7 Field Activities and Look Ahead

Project is inactive. Field activities pending property acquisition.

3.3.8 QC/QA Activities

None at this time.

3.3.9 Considerations

Property acquisition has been critical and is affecting the Bid Package 03 project schedule and overall levee improvements project and certification schedule. Time extension is expected.

3.3.10 Payment Progress

See Contract Invoice Log attached.

3.4 Bid Package 4

3.4.1 Calendar

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

3.4.2 Progress

ID	Description	Target	Actual	Comments
A	Earthwork	June 2014	0	Dependent on fence relocation
B	Piezometers	July 2014	0	Dependent on fence relocation
C	Pipe Conveyance System	July 2014	0	Dependent on fence relocation
D	Relief Wells (new and converted)	August 2014	8.1%	Relocation of safety fence only, no actual relief well work has occurred
E	Construct Site 9 Pump Station	August 2014	0	Dependent on fence relocation

3.4.3 Property Acquisition

All property is acquired.

3.4.4 Levee Board Considerations

None at this time.

3.4.5 Submittals

Submittal process underway

3.4.6 Change Orders

See Change Order Log attached.

3.4.7 Field Activities and Look Ahead

Contractor working on new security fence installation; removing old fence and drilling new relief wells once new fencing is complete.

3.4.8 QC/QA Activities

No current material testing needs.

3.4.9 Considerations

None at this time.

3.4.10 Payment Progress

See Contract Invoice Log attached.

3.5 Bid Package 5

3.5.1 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	October 31, 2014
Final Walk Through	
Final Acceptance	

3.5.2 Progress

ID	Description	Target	Actual	Comments
A	Sluice Gates	June 2014	0	Need lower river levels
B	Relief Wells and Piezometers	October 2014	10.6%	Manholes and collection systems have been installed in southern portion of project; conversion of relief wells has started
C	Earthwork	September 2014	0	Clearing of clay cap area has begun
D	Rip Rap repairs	October 2014	20.0%	Need lower river levels; started work but left in place due to higher water

3.5.3 Property Acquisition

One parcel, Illinois Historic Preservation Society, is outstanding. Property acquisition needs to be expedited.

3.5.4 Levee Board Considerations

The slow progress of land acquisition is affecting the project schedule.

3.5.5 Submittals

Submittal process underway

3.5.6 Change Orders

See Change Order Log attached.

3.5.7 Field Activities and Look Ahead

Contractor working on conversion of existing relief wells to connect to collection system; cleaning 8'x8' box culverts when water subsides; clearing has begun for the clay cap area.

3.5.8 QC/QA Activities

Juneau/SCI on site for QC testing as needed.

3.5.9 Considerations

None at this time.

3.5.10 Payment Progress

See Contract Invoice Log attached.

3.6 Bid Package 6

3.6.1 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	January 22, 2015
Final Walk Through	
Final Acceptance	

3.6.2 Progress

ID	Description	Target	Actual	Comments
A	Seepage Berms	August 2014	55.9%	Work continues, and will increase as weather gets better.
B	Clay Caps	April 2014	0	None
C	Relief Wells and Piezometers	June 2014	15.0%	Pilot hole drilling ongoing
D	Pipe Conveyance	October 2014	0	None

3.6.3 Property Acquisition

Terminal Railroad and Norfolk Southern are still outstanding.

3.6.4 Levee Board Considerations

The slow progress of land acquisition is affecting the levee project schedule

3.6.5 Submittals

Submittal process ongoing.

3.6.6 Change Orders

See Change Order Log attached

3.6.7 Field Activities and Look Ahead

Construction of seepage berms north of East Carondelet; drilling of pilot holes ongoing; slip lining of 84" gravity drains to begin soon.

3.6.8 QC/QA Activities

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

3.6.9 Considerations

None at this time.

3.6.10 Payment Progress

See Contract Invoice Log attached.

CONTRACT INVOICE LOG

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

Project: SWILCD
Construction Package: BP2A

Original Contract Amount:	\$747,500.00	
Change Order #1:	\$2,245.00	Limitorque Actuator
Change Order #2:	\$7,730.00	Additional Road Aggregate
Change Order #3:	\$434.00	Monroe County Building Permit
Total Change Order Amount:	\$10,409.00	
Total Revised Contract Amount:	\$757,909.00	

[illegible]

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

PROJECT Bid Package 2A

Original Contract Amour	Revised Contract Amount	% Change from Original Amount
\$747,500.00	\$757,909.00	1.39%

CONTRACT INVOICE LOG

Contractor:

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

Project:
Construction Package:

SWILCD
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

Total Change Order Amount:

\$8,399.00

Total Revised Contract Amount:

\$3,873,804.00

[illegible]

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

PROJECT Bid Package 2B

Original Contract Amour	Revised Contract Amot	% Change from Original Amount
\$3,865,405.00	3,873,804.00	0.22%

CONTRACT INVOICE LOG

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

Project: SWILCD
Construction Package: BP03

Original Contract Amount: \$10,082,345.00

Total Change Order Amount:	\$0.00
Total Revised Contract Amount:	\$10,082,345.00

[illegible]

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

PROJECT Bid Package 03

Original Contract Amou	Revised Contract Amou	% Change from Original Amount
\$10,082,345.00	10,082,345.00	0.00%

CONTRACT INVOICE LOG

Contractor: Haier Plumbing
22 Illini Drive
Glen Carbon, IL 62034

Project: SWILCD
Construction Package: BP04

Original Contract Amount:	\$3,190,232.45	
Change Order #1:	\$8,196.30	Flyght Pump & Locking Sewer Lids per MESD
Change Order #2:	\$949.90	Fence Polycarbonate
Change Order #3:	\$10,488.00	Fence Grounding per Ameren
Total Change Order Amount:	\$19,634.20	
Total Revised Contract Amount:	\$3,209,866.65	

[illegible]

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

PROJECT Bid Package 04

Original Contract Amour	Revised Contract Amou	% Change from Original Amount
\$3,190,232.45	3,209,866.65	0.62%

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

Original Contract Amount:	\$8,256,481.84	
Change Order #1:	\$19,698.78	Locking Sewer Lids per MESD
Change Order #2:	\$2,815.00	Gravity Drain Cleanout

[illegible]

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

PROJECT Bid Package 05

Original Contract Amour	Revised Contract Amou	% Change from Original Amount
\$8,256,481.84	8,278,995.62	0.27%

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

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

[illegible]

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

PROJECT Bid Package 06

Original Contract Amour	Revised Contract Amoi	% Change from Original Amount
\$12,857,127.75	\$12,858,997.75	0.01%