



SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
BOARD OF DIRECTORS MEETING

May 17, 2023 7:30 am

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

1. Call to Order
Debra Moore, President
2. Roll Call
Max Merz, Secretary/Treasurer
3. Approval of Minutes of March 15, 2023
4. Public Comment on Pending Agenda Items
5. Program Status Report
Chuck Etwert, Chief Supervisor
6. Budget Update and Approval of Disbursements
Chuck Etwert, Chief Supervisor
7. Design and Construction Update
Jon Omgig, WSP USA Environment & Infrastructure Inc.
8. Amendments to WSP Work Orders #1, #14, #16, & #20
Authorized Level Services
Randy Cook, WSP USA Environment & Infrastructure Inc.
Chuck Etwert, Chief Supervisor
9. Release of Executive Session Minutes
Chuck Etwert, Chief Supervisor
10. Update from Corps of Engineers
Hal Graef, U.S. Army Corps of Engineers

AGENDA

11. Public Comment

Executive Session – (if necessary)

12. Other Business

13. Adjournment

Next Meeting: July 19, 2023

MINUTES

SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL BOARD OF DIRECTORS MEETING March 15, 2023

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 March 15, 2023.

Members in Attendance

Debra Moore, President (Chair, St. Clair County Flood Prevention District)
John Conrad, Vice-President (Chair, Monroe Flood Prevention District)
Bruce Brinkman, Monroe County Flood Prevention District
Aaron Metzger, Monroe County Flood Prevention District
Alvin Parks, Jr., St. Clair County Flood Prevention District
David Schwind, Madison County Flood Prevention District

Members Absent

Michael Andreas, Madison County Flood Prevention District
Isabelle Crockett, St. Clair County Flood Prevention District
Max Merz III, Secretary/Treasurer (Madison County Flood Prevention District)

Others in Attendance

Chuck Etwert, SW Illinois FPD Council
Matt Ahlers., Husch Blackwell LLP
Michael Brokering, Scheffel Boyle
Randy Cook, WSP USA Environment & Infrastructure Inc.
Jeremy Dressel, Juneau Associates Inc.
Mike Feldmann, U.S. Army Corps of Engineers
Hal Graef, U.S. Army Corps of Engineers
Jennifer Kengouskiy, U.S. Army Corps of Engineers
Jon Omvig, WSP USA Environment & Infrastructure Inc.
Kevin Williams, Wood River Drainage & Levee District

Call to order

President Debra Moore noted the presence of a quorum and called the meeting to order at 7:30 a.m.

Dr. Moore asked for a roll call to confirm that a quorum was present and the following indicated their attendance. Dr. Moore indicated with Mr. Merz's being absent, Mr. Conrad would be calling the roll for the meeting.

Mr. Brinkman – Present
Mr. Conrad – Present
Mr. Metzger – Present
Dr. Moore – Present
Mr. Parks - Present
Mr. Schwind – Present

A quorum was present.

Approval of Minutes of January 18, 2023

Dr. Moore asked for a motion to approve the minutes of the Board meeting held on January 18, 2023. A motion was made by Mr. Parks seconded by Mr. Schwind to approve the minutes of the Board meeting held on January 18, 2023. Mr. Conrad called the roll and the following votes were made on the motion:

Mr. Andreas - absent
Mr. Brinkman – Aye
Mr. Conrad – Aye
Ms. Crockett – absent
Mr. Merz - absent
Mr. Metzger – abstain
Dr. Moore – Aye
Mr. Parks – Aye
Mr. Schwind – Aye

The motion was approved.

Public Comment on Pending Agenda Items

Dr. Moore asked if there were any comments from the public on any agenda item on today’s agenda. There were no comments.

Program Status Report

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

He briefly highlighted recent changes to the status of the Authorized Level Projects.

500-Year Authorized Level Status

Wood River Levee System

In Bid Package 8 under construction by USACE, the Village of Roxanna has indicated the relocation costs would be higher than initially thought due to construction modifications.

Therefore, there is an amendment to the agreement approved by the Board in January. This will be discussed later in the meeting.

Finally a response has been received to our November 17, 2021 letter requesting approval for the FPD Council to construct another work-in-kind project (Bid Package 9). The Corps' engineering documentation report (EDR) regarding the change from a relief well/pump station solution to the seepage berm solution has recently been approved. However, the Integral Determination Report (IDR) must be revised to include this feature of work for the costs to be fully eligible for WIK credit under our Project Partnership Agreement (PPA). The IDR is largely a formality at this point, however it is expected to take about 6 months to be completed.

There will be a meeting with the Corps following today's meeting to determine exactly what needs to occur for everything to be work in-kind eligible.

MESD Levee System

Construction on Bid Package 11 finally began in late February. WSP and the general contractor, Keller Construction, continue to work through pre-construction submittals for later phases of work on the project.

Coordination with landowners along the Bid Package 14C area (north flank of MESD) has started in order to obtain right-of-entry agreements for cultural surveys for that project. USACE is designing the Bid Package 14C project and the FPD Council and MESD are responsible for LERRDs.

WSP is assisting MESD is finding suitable seepage berm material for use on Bid Package 14C, which USACE is going to construct. (Finding suitable borrow is a LERRDs requirement.) WSP has obtained samples of potential borrow source materials and awaiting lab results at this time.

Prairie Du Pont/Fish Lake Levee Systems

WSP is currently working on the next design submittal for Bid Package 15, which is anticipated to be submitted to USACE this summer. All the soil borings WSP was able to obtain access are now complete; however, a handful of relief well borings on one landowner's property remain uncompleted due to an impasse with the owner.

Lastly, he indicated with the construction of Bid Package 11 beginning, WSP's Monthly Construction Progress Report will again be provided in your Board packet and a hard copy provided at the meeting.

Dr. Moore asked for a motion to accept the Program Status Report for March 2023. A motion was made by Mr. Schwind to accept the Program Status Report for March 2023. Mr. Parks

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

Mr. Andreas – absent
Mr. Brinkman - Aye
Mr. Conrad – Aye
Ms. Crockett – absent
Mr. Merz - absent
Mr. Metzger - Aye
Dr. Moore – Aye
Mr. Parks – Aye
Mr. Schwind – Aye

The motion was approved unanimously.

Budget Update and Approval of Disbursements

Dr. Moore asked Mr. Etwert to provide a report.

He noted the financial statements for January and February 2023 prepared by our fiscal agent, CliftonLarsonAllen. The reports include an accounting of revenues and expenditures for the months ending January 31, 2023 and February 28, 2023, as compared to the according fiscal year budget.

Accrued expenditures for the fiscal year beginning on October 1, 2022 thru January 31, 2023 were \$8,144,964 while revenues amounted to \$5,785,164 resulting in a deficit of \$2,359,801.

Accrued expenditures for the fiscal year beginning on October 1, 2022 thru February 28, 2023 were \$8,806,399 while revenues amounted to \$7,352,169 resulting in a deficit of \$1,454,229.

A total of \$49,762,151 is held by the counties in their respective FPD sales tax funds and will be needed by the Council for the 500-Year Authorized Level of Protection.

Monthly sales tax receipts of \$1,488,941 for November were up 6.84% from last year. Receipts of \$1,647,973 for December were up 2.48% from last year. Receipts for the calendar year were \$16,971,845 up 6.67% from last year. Each county had the highest monthly receipts ever for the ninth consecutive month. Receipts for FY 2023 are 5.1% more than FY 2022, slightly less than the 6% budgeted.

He also provided the bank transactions for January 2023 and February 2023. Total disbursements for January were \$598,618.65, with the largest payment being to WSP. Total disbursements for February were \$661,434.76 with the largest payments being to Keller Construction Inc. and WSP.

Copies of each transaction were available for viewing.

Dr. Moore asked for a motion to accept Mr. Etwert's budget reports and disbursements for January & February 2023. A motion was made by Mr. Brinkman, seconded by Mr. Parks to accept the budget reports and approve the disbursements for January & February 2023.

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

Mr. Andreas - absent
Mr. Brinkman - Aye
Mr. Conrad – Aye
Ms. Crockett – absent
Mr. Merz - absent
Mr. Metzger - Aye
Dr. Moore – Aye
Mr. Parks – Aye
Mr. Schwind – Aye

The motion was approved unanimously.

Design and Construction Update

Dr. Moore called on Jon Omvig, WSP USA Environment & Infrastructure Inc., to provide an update report.

He discussed highlights from the PowerPoint® presentation, which was included in the agenda package. His presentation focused on the Authorized Level (500-Year) Design and Construction.

Authorized Level (~500-Year) Design

Wood River Bid Package 8 (Relief wells & a pump station)

- Final design has been approved by USACE
- USACE is constructing
- Continue to respond to RFIs as needed

Wood River Bid Package 9 (1 large seepage berm in Roxana)

- USACE has completed Engineering Documentation Report (EDR)\

- USACE is working on amendment to Integral Determination Report (IDR). Estimate 6 months
- Site surveying started in early March

MESD Bid Package 11 (Relief wells & a pump station)

- Contractor has mobilized and construction is underway
- Submittal review continues for future aspects of the project

There was a brief discussion regarding the recent rise in the river not affecting construction and the favorable outlook.

MESD Bid Package 14A (riverside clay cap and cutoff trench)

- USACE is reviewing closeout documentation

MESD Bid Package 14B (filter blanket under I-70 bridge)

- ROW Acquisition is underway

MESD Bid Package 18 (Relief wells, pipe & pump station modifications)

- USACE is reviewing closeout documentation

MESD Bid Package 18A (Pump station & pipe replacement)

- Report submitted to USACE on June 14, 2022
- Ultimately USACE will need to approve this as a WIK project

Prairie Du Pont & Fish Lake

- Drilling is complete

- Working on environmental permits and regulatory coordination with various state/federal agencies

- Bid Package 15

Working towards 65% design submittal to USACE

- Bid Package 16

Working on preliminary design

- Bid Package 17

Working on preliminary design

There was brief discussion regarding the new flood maps and the FPDC work that will be completed in the PDP/Fish Lake area, which will not affect properties in the high risk areas due to interior flooding. Followed by a brief discussion regarding the property owner who has refused to grant access for exploration drilling.

Dr. Moore asked for a motion to accept the Design and Construction Update. A motion was made by Mr. Schwind with a second by Mr. Parks, to accept the WSP USA Environment & Infrastructure Inc. Design and Construction Update.

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

Mr. Andreas - absent
Mr. Brinkman - Aye
Mr. Conrad –Aye
Ms. Crockett – absent
Mr. Merz - absent
Mr. Metzger - Aye
Dr. Moore – Aye
Mr. Parks – Aye
Mr. Schwind – Aye

The motion was approved unanimously.

Amendment to Utility Relocation Agreement – Village of Roxanna USACE BP #8

Dr. Moore asked Mr. Cook to explain this item.

Mr. Cook explained at the January meeting, the Board authorized a utility relocation agreement with the Village of Roxanna for the relocation of a utility pipeline, which was in conflict with the USACE Bid Package #8, pump station force main piping, at a cost not to exceed \$151,800.00 and subject to the USACE agreeing the relocation is eligible for LERRDs credit.

The Village had initially planned to directionally bore the relocation, but because of extended USACE review associated with that kind of construction, the Village changed their bid to be traditional open-cut construction. Therefore, there are additional construction costs now included the revised relocation cost, including flowable fill material for the backfill of a portion of excavation that was originally bid to be native soil, and for abandonment of the existing line. The Village's contractor, Kamadulski, will now grout the old pipeline and the USACE BP #8 contractor, Magruder, will remove the portion of the former line that is in the excavation extents of the new pump station force main piping to be installed.

In addition, the Village has presented costs that were not previously disclosed. These costs include the fees for both engineering and legal professional services, including initial engineering work, addressing USACE levee safety review comments (occurred after the bid), and preparing the relocation agreement (all of which are LERRDs-creditable).

USACE has approved Husch Blackwell's opinion of compensability, allowing for all of the costs mentioned above to be eligible for LERRDs credit with the proper documentation.

Authorization is now requested to cover the revised construction cost, engineering, and legal services:

Kamadulski Excavating & Grading Co., Inc.	\$163,235.00
10% Construction Contingency	16,323.00
Curry & Associates Engineers, Inc.	25,600.00
Sandberg Phoenix	<u>11,165.00</u>
Total	\$216,323.00

A copy of the relocation agreement and an intergovernmental agreement with the Village of Roxanna was provided.

Dr. Moore asked for a motion to authorize the Chief Supervisor to enter into a utility relocation agreement and an intergovernmental agreement with the Village of Roxanna for the relocation of a utility pipeline, which is in conflict with the USACE Bid Package #8 pump station force main piping, at a cost not to exceed \$216,323.00 and subject to the USACE agreeing the relocation is eligible for LERRDs credit.

A motion was made by Mr. Brinkman with a second by Mr. Parks, to authorize the Chief Supervisor to enter into a utility relocation agreement and an intergovernmental agreement with the Village of Roxanna for the relocation of a utility pipeline, which is in conflict with the

USACE Bid Package #8 pump station force main piping, at a cost not to exceed \$216,323.00 and subject to the USACE agreeing the relocation is eligible for LERRDs credit.

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

Mr. Andreas - absent
Mr. Brinkman - Aye
Mr. Conrad –Aye
Ms. Crockett – absent
Mr. Merz - absent
Mr. Metzger - Aye
Dr. Moore – Aye
Mr. Parks – Aye
Mr. Schwind – Aye

The motion was approved unanimously.

2022 Audit and Financial Report

Dr. Moore recognized Mr. Michael Brokering, representing Scheffel & Boyle, who prepared the 2022 Audit Report, to review the audited financial statements that were distributed to the Board with the agenda package. He explained the statements, tables and notes in detail.

He pointed out that the financial statements are the Board’s responsibility as management, and that Scheffel & Boyle’s responsibility is to issue an opinion on the statements. He stated that the Council financial statements for the year ended September 30, 2022 had been audited and were found to represent fairly in all material respects, the respective financial position of the governmental activities and major fund of the Southwestern Illinois Flood Prevention District Council and therefore, the Council received another clean opinion.

He provided an overview of the Management’s Discussion and Analysis, the Statement of Net Position, the Statement of Activities, the Governmental Fund Statements, the Notes to Financial Statements, and the Budgetary Comparison Schedule.

Two required communication letters from Scheffel to the Board accompanied the audit and were also discussed.

The first letter discussed weaknesses in internal controls. This comment, which is not new, is that due to the small size of the Council’s staff, there is some limitation in financial controls. There were no material weaknesses in the Council’s internal controls. Mr. Brokering noted that this is pretty common in very small organizations, and noted that it was important for the Board to continue to review disbursements and financial statements monthly. He noted that CliftonLarsonAllen does provide a level of oversight.

The second letter pointed out that there were no difficulties in performing the audit, but that several adjustments were made to the financial statements. These were mainly reclassification of journal entries. There are no audit findings to report.

He indicated everything went real smooth again this year and offered to answer any questions.

Dr. Moore thanked Mr. Brokering and Scheffel Boyle for the report.

Dr. Moore asked for a motion to accept the 2022 Audit and Financial Report. A motion was made by Mr. Schwind to accept the 2022 Audit and Financial Report with commendations to Scheffel Boyle and Mr. Etwert. Mr. Brinkman seconded the motion. Mr. Conrad called the roll and the following votes were made on the motion.

Mr. Andreas - absent
Mr. Brinkman - Aye
Mr. Conrad – Aye
Ms. Crockett – absent
Mr. Merz - absent
Mr. Metzger - Aye
Dr. Moore – Aye
Mr. Parks – Aye
Mr. Schwind – Aye

The motion was approved unanimously.

Corps of Engineers Update

Dr. Moore asked Mr. Graef to provide the report from the Corps.

Mr. Graef highlighted his PowerPoint® presentation, which was included in the agenda package to illustrate his remarks. His presentation focused on the status of the Metro East Projects.

METRO EAST LEVEE SYSTEM PROGRAM UPDATE

MEL PRICE SEGMENT OF UPPER WOOD RIVER

Reach 1 Relief Well

4 existing Relief Wells/55 new relief Wells – Awarded 3 June 21

All wells installed

Punch list items being addressed

Reach 2 Relief Well

16 existing Relief Wells/25 new relief Wells – Awarded 8Aug22

RW installation

RW development

Complete Mitigation

FY23

Mitigation credit purchase is complete

Will coordinate with USFWS and IDNR to review/document the mitigation requirements. Anticipate late summer 2023

OMRR&R Payment to WTDLD

Compensation to LD offset additional O&M expenses
Late FY24 or early FY25

Payment pending sufficient funds following completion of all construction and mitigation work

Possible use of project funds for Interim Operating Plan (IOP)

He indicated when questioned, if implemented, the IOP would cost approximately \$500,000.

Project Close Out

All documents archived; financial close out

WOOD RIVER

Bid Package 8 contract

1 Pump Station/22 Relief Wells – Awarded 4Nov21

Removed formwork from PS and installed pump tube brackets

Working on outlet structure

RWs using 3 step pump test as river levels allow

Relief Well #1 contract

24 Relief Wells – Awarded 2Dec21

All wells installed

Additional time needed for pump tests and turf establishment

Pump Stations contract

PS #2 and #3 along Canal Rd – Awarded 28Sep22

Contractor mobilizing

Relief Well #2/Ditch Work contract

55 Relief wells plus ditch work to convey the water to the WR PS - TBD

FPD/WRDL D “Alt Ditch” letter of 16Feb23 urges USACE to reconsider
19Dec22 betterment determination and questions the feasibility of the
original plan

All technical USACE work is paused pending resolution

Relief Well #3 contract

30 Relief Wells – TBD

Awaiting ROW Certification and additional funding

Pump Station Modification contract

Mods to WR and Hawthorne PSs – Sep 2023

Conducting pre-solicitation contracting activities

Scheduled for Sept 2023 contract award, pending sufficient funds

Berm

Vice PS/RW at Roxanna – TBD

FPD requested to design/construct via WIK

Engineering Documentation Report (EDR) completed 13Feb23

Mitigation

For BP-8 (maybe berm)

Plan is to purchase credits when berm is at 65% level of design

WIK #2

For BP-8 design, other

Revised submittal received Jan23 for multiple activities past 7 years

Total Project Cost

Update to TPC – 12Dec22

\$107,471,000 (Dec 2022); \$85,290,000 (Oct 2018)

Undergoing Change Control Board to seek Agency decision

EAST ST. LOUIS

Cutoff Wall/Jet Grout

MESD Stations 973+00 to 1020+00 – Awarded 14Nov19

Construction complete 4Oct22, substantially complete 23Nov22

Final completion expected Spring '23 – establishment of turf

USACE issuing final payment March '23

BP-12 Ph1

106 D-Type Relief Wells – Awarded 26Aug21

Well installation complete; Site grading, turf establishment, and pump testing of 36 RWs to be completed in Spring '23

USACE received request for materials surcharge – HQ to decide

BP-12 Ph2

43 T-Type Relief Wells (Ph2 and Ph3) – Award: 4th Qtr. FY 24

Approx. 65% design, delays securing A/E contract pushed out Award date to July 2025

In coordination with IDOT, TRRA, Veolia, Alton-Southern

BP-14C

North Flank Berms – Award: 4th Qtr. FY24

Approx. 65% design

USACE informed that previously-identified dredge material may Be unavailable and/or unsuitable. Need approx. 115k Y.

LERRDs*

Land, Easements, ROW, Relocations and Disposal
Requests No. 1 received 02Jun22

Response from Lynn Hoerner (USACE) sent on 02FEB23

WIK Credit Requests
BP-14A and 18

Additional information for requests No. 3-6 received 07Dec22
currently being reviewed

WIK BP-11*

Relief Wells

USACE response to RFI/Submittals complete

WIK BP 18A*

Phillips reach PS

USACE reviewing flow analysis to determine potential cost share

Total Project Cost

Update to TPC – Mar 2023

Not expected to exceed current estimate; hence, not expected to
Require higher echelons of review/certification

*Recommend WIK/LERRDs credit requests be submitted at regular intervals, vice waiting to the end of the project.

PRAIRIE DU PONT AND FISH LAKE

Bid Package 15 coordination

Pump Station and underseepage controls - TBD

Continue coordination with WSP on BP-15; complete with 30% design
and review

Reference 2017 Contributed Funds Agreement (BP-15)

Awaiting updated design schedule

Future Bid Package coordination

TBD

Anticipate future Contributed Funds Agreement for each BP

Environmental Assessment

Supplemental EA - TBD

The applicant is to submit a revised/supplemental/updated EA for the entire project on the modified design (at least 65% design or greater)

May need to have the area surveyed for T&E species, HTRW and or Cultural Resources

Need to specify source of borrow material

Supp EA to be reviewed within the Section 408 program

Dr. Moore thanked Mr. Graef and asked for a motion to accept the Corps of Engineers Update Report. A motion to accept the Corps of Engineers Update Report was made by Mr. Parks with second by Mr. Brinkman on the motion.

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

Mr. Andreas - absent
Mr. Brinkman - Aye
Mr. Conrad – Aye
Ms. Crockett –absent
Mr. Merz - absent
Mr. Metzger - Aye
Dr. Moore – Aye
Mr. Parks – Aye
Mr. Schwind – Aye

The motion was approved unanimously.

Public Comment

Dr. Moore asked if there was any public comment. There was none.

Other Business

Dr. Moore asked if there was any other business.

Mr. Etwert indicated that FY 2022 was the final audit year under the current contract with Scheffel Boyle, and previously the Board indicated upon completion of the current contract, it desired to request proposals from other auditing firms. He inquired if the Board would accept proposals from Scheffel Boyle for the upcoming three year engagement. The Board indicated Scheffel Boyle could propose on the upcoming engagement.

Mr. Schwind indicated, nothing against Scheffel Boyle, but most banks, by policy, change auditors every five years, as a matter of course.

Lastly, Mr. Parks inquired and asked Mr. Etwert to provide a summary of the Council's utilization of MBE/WBE entities and local construction contractors on the Authorized Level Projects. Mr. Etwert indicated Keller Construction from Madison County has been the contractor on all three of the Authorized Level projects bid to date. Mr. Cook, WSP, indicated he would provide Mr. Etwert with the MBE/WBE participation. Mr. Etwert indicated he would provide all the information to the Board.

Dr. Moore asked if there was any other business. There was none.

Adjournment

Dr. Moore asked to adjourn the meeting. A motion was made by Mr. Parks and seconded by Mr. Schwind.

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

Mr. Andreas - absent
Mr. Brinkman - Aye
Mr. Conrad – Aye
Ms. Crockett – absent
Mr. Merz - absent
Mr. Metzger - Aye
Dr. Moore – Aye
Mr. Parks – Aye
Mr. Schwind – Aye

The motion was approved unanimously.

Respectfully submitted,

Max Merz,
Secretary/Treasurer, Board of Directors



Memo to: Board of Directors
From: Chuck Ewert
Subject: Program Status Report for May 2023
Date: May 15, 2023

500-Year Authorized Level Status

Wood River Levee System

Bid Package 8 is under construction (by USACE). On the agenda is a WSP work order amendment for work associated with Bid Package 8 construction oversight that occurred at the end of 2022, for the utility relocation effort with Roxanna, and for estimated future construction involvement requested for Bid Package 8.

As reported last month, Bid Package 9 is on hold pending an update to the Integral Determination Report (IDR) and Project Partnership Agreement (PPA) amendment. It is anticipated that WSP can begin design by December 2023, if not before. The project has an estimated construction cost of \$2,400,000.

Land acquisition work in Wood River for USACE projects is still ongoing. The largest item of concern is the easement required from the City of Wood River, which the Council, Wood River Levee District, the Corps, and WSP will be meeting about soon to discuss. The City of Wood River has stated the area USACE intends to use for the project may developed at some point and is reluctant to give an easement. USACE has indicated that a workaround is possible but would be considered a “betterment,” meaning it would not be eligible for Work-In-Kind credit and would be 100% locally funded. Again, this is a matter which is still being discussed with all parties but has the potential to delay the project if not resolved in the next several months.

Relief Well Package 2 land acquisition coordination with landowners, USACE, and stakeholders is ongoing.

Relief Well Package 3 land acquisition continues with completion anticipated in mid-2023.

WSP submitted a revised WIK Request No. 2 on January 13, 2023, which addressed the USACE comments to the prior submittal. WIK Request No. 2 submittal is for \$1,980,961.47.

On October 17, 2022, USACE has approved our first LERRDs submittal in the amount of \$696,876.85.

Work In-Kind credit of \$16,041,496 has been approved to date for the Wood River Levee System.

MESD Levee System

Construction on Bid Package 11 is ongoing. Construction on the G.C.E.D. #1X pumping station in Granite City is in progress and relief well drilling has begun. The river stage continues to challenge our construction work, but the work has progressed well given that this is typically the flood season.

Land acquisition from Terminal Railroad Association (TRRA) is still ongoing; once complete, the FPD Council anticipates turning Bid Package 14B over to USACE to complete design and construction.

USACE issued a letter on May 9 informing us, after review of the Bid Package 18A relief well flow study submitted by WSP in June 2022, they agree with the need for Bid Package 18A. The project involves improvements to the pumping station capacity in Cahokia Heights, in order to maintain the authorized level of protection. A copy of the letter is attached.

WSP has a work order amendment on the agenda for design services associated with Bid Package 18A. If approved, design and further coordination with the Corps for Bid Package 18A will start right away. Preliminary estimated construction cost is \$8,800,000.

On February 2nd, USACE issued a letter approving \$1,261,422.83 of LERRDs credit, with comments regarding other LERRDs expenses. WSP is working with land acquisition partners to address the remaining LERRDs comments. The total LERRDs amount requested for credit was \$1,733,030.54.

Work In-Kind Credit Requests #3, #4, #5 & #6 submitted to USACE total \$12,023,679.85

Work In-Kind credit of \$12,415,405.70 has been approved to date for the MESD Levee System.

Prairie Du Pont/Fish Lake Levee Systems

WSP is currently working on the 65% design submittal for Bid Package 15, which is anticipated to be submitted to USACE this summer. Bid Package 15 is primarily relief well and conveyance

construction, with a new pump station in the northern elbow of the Prairie du Pont levee segment.

Design for Bid Package 16 and 17 has also begun and is in the preliminary phase.

Since WSP wasn't able to take advantage of the permitting that USACE had already completed for the PDP/FL project, WSP prepared a new Draft Environmental Assessment (EA) and submitted it to USACE on March 29. Additionally, coordination with the Illinois EPA has begun and they have requested ground water quality samples from numerous locations along the Prairie du Pont and Fish Lake levees. WSP is working to obtain the samples and have them tested in accordance with IEPA requirements.

As you may recall, we initially planned to construct the Pdp/FL Authorized Level improvements under the USACE permits that were prepared as part of LRR; however, WSP recently learned we are no longer able to proceed that way, and new permits must be obtained. WSP has a work order amendment on the agenda for the additional permitting work, testing, field investigations, and agency coordination that is now necessary.

Attached is WSP's Monthly Construction Progress Report.



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

May 9, 2023

Programs and Project Management Division
Project Management Branch

Southwestern Illinois Flood Prevention District Council
104 United Drive
Collinsville, Illinois 62234
Attn: Mr. Charles Etwert, Chief Supervisor of Construction and the Works

Re: East St. Louis Bid Package 18A – Federal Cost Share Determination

Dear Mr. Etwert,

In June of 2022, Wood PLC, as engineering consultant for the Southwestern Illinois Flood Prevention District (FPD), submitted an engineering assessment to the U.S. Army Corps of Engineers St. Louis District (USACE) in support of federal cost share determination for pump station modifications in the Metro East Sanitary District (MESD) levee system. At the request of USACE, Wood submitted further supporting data and documentation in December of 2022.

The report titled "Design Deficiency Corrections for East St. Louis, Illinois Flood Protection Project Bid Package 18A" details the history of the pump stations design and construction in 2015 and performance during the 2019 flood event on the Mississippi River. From eye-witness accounts and analysis of data collected by Wood from automated flow monitors, they conclude the Phillips Reach #2 Pump Station (Site #9 in report) pump capacity is not sufficient to meet the authorized level of protection design.

We have reviewed the assessment report and the supporting flow monitoring data and concur that the Phillips Reach #2 pump station requires additional capacity to perform as needed for the authorized level of protection.

The engineering assessment report also includes a project proposal for the required pump station modifications. USACE did not review this proposed plan for appropriateness and does not make a determination on the suitability. Further design consideration, analysis and a Value Engineering study should be pursued as design progresses.

The need for additional pumping capacity in this reach will be included as we develop the engineering plan for the final required features for the authorized level of protection.

If you have any questions, please contact me at (314) 331-8787 or email jennifer.r.kengovskiy@usace.army.mil.

Sincerely,

Jennifer Kengovskiy, P.E.
Project Manager

c: Randy Cook, WSP



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

**Southwestern Illinois Levees
Restoration of the Federally-Authorized Level of Flood Protection
Monthly Construction Progress Report
May 2023**

WSP Project No. 563170001
Period Ending Date: May 10, 2023

Date of Issue: May 17, 2023

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1. OVERVIEW

1.1 Project Description

In February 2015 the Southwestern Illinois Flood Prevention District Council (FPD Council) passed a resolution to restore the federally authorized level of flood protection to the Prairie du Pont and Fish Lake Flood Protection Project, the East St. Louis and Vicinity Flood Protection Project, and the Wood River Flood Protection Project. The FPD Council has entered into Project Partnership Agreements with the U.S. Army Corps of Engineers and the non-federal sponsors for each levee system to create a partnership whereby the FPD Council can design and construct certain improvements necessary to restore the federally authorized level of protection. The FPD Council is constructing certain work packages, or "Bid Packages", as described below:

Bid Package 11 is composed of the construction of underseepage controls in the Metro-East Sanitary District Levee System, from station 774+00 to 889+00. This includes modification of an existing levee pump station and outlet works, appurtenant erosion control, installation of relief wells, modification and abandonment of existing relief wells and collector systems, and drainage ditches or conduits of conveyance thereof.

Bid Package 14A was composed of the construction of underseepage controls in the Metro-East Sanitary District Levee System, from station 821+00 to 863+00. This included construction of a cut-off trench, placement of 2 riverside blankets/berms, construction of 2 piezometers, and placement of random fill in an old ditch on the landside of the levee.

Bid Package 18 was composed of the construction of underseepage controls in the Metro-East Sanitary District Levee System, from station 1207+00 to 1352+00. This included new relief well construction, pump station structural modifications, pump station forebay box culvert and fill, and amendments/additions to the relief well collector system.

1.2 Key Contacts / People

Program Manager	Jay Martin, PE, 615.957.2127 jay.martin@wsp.com
Project Manager	Jon Omgig, AICP, 636.795.7696 jon.omgig@wsp.com
Engineer of Record (Civil)	Randy Cook Jr., PE, 618.530.5658 randy.cook@wsp.com
Engineer of Record (Geotechnical)	Mary Knopf, PE, 502.333.4391 mary.knopf@wsp.com
Resident Project Representative	Trevor Coons, 314.496.3098 trevor.coons@wsp.com
Construction Coordinator	Dalton Brookshire, 618.401.7359 dalton.brookshire@wsp.com
Construction Inspector	Jeffery Johnson, 618.250.1670 jeffery.johnson@wsp.com

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

2.1 HSSE Reports

Health/Safety		
The Contractor(s) conducts daily toolbox safety talks.		
Security		
Nothing to report this month		
Environment (SWPPP)		
Forms submitted as required		
River Stage Restrictions		
The project specifications dictate that excavations shall cease when the Mississippi River Stage is:		
Bid Package	River Stage	River Elevation
11	14.6 / 25 (depending on work area)	404.58 (St. Louis)
NOTE: A modification for work restrictions was agreed upon to allow the contractor to work up to 18.5' on the St. Louis gauge. Furthermore, the contractor may work when the river exceeds 18.5' if they can demonstrate the ability to adequately monitor and control the groundwater in the GCED 1X Pump Station work area.		

3. PROJECT STATUS UPDATE

3.1 Bid Package 11

3.1.1 Calendar

Bid Date:	August 9, 2022
Contract executed	September 7, 2022
Schedule received	Not yet received
Anticipated start of field activities	December 2022
Start of field activities	February 22, 2023
Contract completion date	<i>Final completion December 12, 2023</i>
Final Walk Through	TBD
Final Acceptance	N/A

3.1.2 Progress

- USACE reviewing RFI's, PCN's, and submittals that have already been reviewed by CM team and Engineer(s) of Record.
- Contractor began to mobilize equipment on February 22, 2023.
- On April 11, Keller completed the excavation to the target elevation within the shoring for the GCED 1X Pump Station, the suitability of the subgrade was confirmed, and then the 1-ft thick mud mat was poured.
- From April 14 through April 19, the ironwork subcontractor (United Ironworkers Inc.) was working on the footing steel reinforcement installation.
- On April 20, Keller poured the new GCED 1X PS footing.
- On April 26, Keller completed the first phase of the GCED 1X PS exterior wall forms.
- From April 27 through May 10, the ironwork subcontractor (United Ironworkers Inc.) was working on the steel reinforcement installation for the new pump station walls.
- On April 26, the relief well subcontractor (Drilling Services Inc.) began setting surface casings along the Madison PS Reach.
- On May 2, Drilling Services began drilling relief wells. As of the end of day May 10, they have completed drilling and installing five (5) relief wells: RW-75XA, RW-74XB, RW-72X, RW-74XA, and RW-73X.
- WSP has identified relief well contract overlap between BP12 and BP11 pertaining to abandonments and installation. The currently recognized overlaps have been identified and sent to USACE for their confirmation. USACE had representatives on site on April 18 to discuss RW options. Since USACE didn't have BP12 setup to install T-type wells, they opted to implement D-type wells in adjacent ditch locations across from the Madison 408 PS at two locations and descope a third well. Since BP11 is setup for the installation of both D- and T-type wells, we are exploring the option to switch one of our planned wells from a D-type to a T-type well to avoid conflict with one of the BP12 D-types and adding back the T-type well that was descope from BP12. The design for these two relief wells is currently being scrutinized based upon the most recent DDR using existing pilot hole information. Additionally, the design team is analyzing the system that would need to be utilized to implement these wells for suitability as well as exploring other options. The changes in the scope will be documented with the first change order.
- The first change order will also include cost changes for a switch from medium-duty to heavy-duty on the four (4) Flap Gates at the GCED 1X outfall structure.

- There are some areas impacted by the work from BP12 where fence was removed and has not yet been re-installed. Some of these areas will also be impacted by BP11 and other areas have BP12 relief wells where access is still needed so that relief wells can be pump tested once the river and groundwater are up at the requisite level for a sustained period. As a result, a portion of fence replacement has been descoped from BP12 and will be added to the scope for BP11. The quantities and values are being settled between the respective general contractors for both bid packages, and then the change for BP11 will be also be documented with the first change order.

3.1.3 Property Acquisition

- No acquisition was necessary for this bid package

3.1.4 FPD Council Board of Directors Considerations

- None at this time

3.1.5 Submittals

- Submittals are in progress

3.1.6 Change Orders

- None currently. Awaiting USACE response on relief well overlaps to complete the first Change Order.

3.1.7 QC/QA Activities

- Complete to date

3.1.8 Other Considerations

- None at this time

3.1.9 Payment Progress

- Second Payment to the Contractor was made on April 24, 2023.
- See Contract Invoice Log attached

3.2 Bid Package 14A

3.2.1 Calendar

Bid Date:	January 6, 2019
Contract executed	February 18, 2020
Schedule received	Not yet received
Anticipated start of field activities	July 2020
Start of field activities	September 2, 2020
Contract completion date	<i>Final completion January 22, 2021</i>
Final Walk Through	December 18, 2020 Substantial Completion Meeting resulted in no issues that required further attention
Final Acceptance	December 18, 2020

3.2.2 Progress

- Final submission of project summary documentation for close-out with USACE completed on February 10, 2022.

3.2.3 Property Acquisition

- America's Central Port - Complete

3.2.4 Levee Board Considerations

- None at this time

3.2.5 Submittals

- Submittals are complete

3.2.6 Change Orders

- Change Order No. 1 to address the lost time and additional effort necessary to work around the unknown 10" gas line utility was approved on November 8, 2020.
- Change Order No. 2 for slag removal at the piezometer locations approved November 24, 2020.
- Change Order No. 3 for time extension was approved December 18, 2020.
- Change Order No. 4 for time extension in progress approved June 21, 2021.
- Change Order No. 5 for unit price and quantity adjustments approved June 21, 2021.
- See Change Order Log attached

3.2.7 QC/QA Activities

- Complete

3.2.8 Considerations

- None

3.2.9 Payment Progress

- Final Payment to the Contractor was made on May 25, 2021.
- See Contract Invoice Log attached

3.3 Bid Package 18

3.3.1 Calendar

Bid Date:	November 6, 2019
Contract executed	January 15, 2020
Schedule received	February 20, 2020
Anticipated start of field activities	March 2020
Start of field activities	March 20, 2020
Contract completion date	<i>Final completion September 30, 2021.</i>
Final Walk Through	October 6, 2021
Final Acceptance	October 6, 2021

3.3.2 Progress

- Final submission of project summary documentation for close-out with USACE completed on July 25, 2022.

3.3.3 Property Acquisition

- No acquisition was necessary for this bid package

3.3.4 Levee Board Considerations

- None

3.3.5 Submittals

- Complete

3.3.6 Change Orders

- Change Order No. 1 completed on April 21, 2020
- Change Order No. 2 approved by FPD Council Board on August 19, 2020
- Change Order No. 3 approved by FPD Council Board on November 9, 2020
- Change Order No. 4 approved by FPD Council Board on February 5, 2021.
- Change Order No. 5 approved on December 23, 2021.
- See Change Order Log attached

3.3.7 QC/QA Activities

- Complete

3.3.8 Considerations

- None

3.3.9 Payment Progress

- Final Payment to the Contractor was made on January 10, 2022.
- See attached Contract Invoice Log.

CONTRACT INVOICE LOG

Contractor:	Keller Construction, Inc. 22 Illini Drive Glen Carbon, IL 62034
Project:	Design Deficiency Corrections for East St. Louis, Illinois Flood Protection Project
Bid Package Number:	11
Bid Package Name:	Underseepage Controls from 774+00 to 889+00, GCED 1X Pump Station/Outfall

Original Contract Amount:	\$ 11,665,066.40
Total Change Order Amount:	\$ 0.00
Total Revised Contract Amount:	\$ 11,665,066.40

Payment Request No.	Pay Request Date	Pay Request Approval Date	Total Completed to Date (\$)	Amount Retained (10% to 50%) then (5% to 95%)	Total Earned Less Retained (\$)	Amount Invoiced (\$)	Date Paid by FPD	Estimate to Complete Including Retainage (\$)
1	2/15/2023	2/17/2023	\$355,768.14	\$35,576.81	\$320,191.33	\$320,191.33	2/28/2023	\$11,344,875.07
2	4/17/2023	4/21/2023	\$993,448.65	\$99,344.87	\$894,103.79	\$573,912.46	4/24/2023	\$10,770,962.62

CONTRACT INVOICE LOG

Contractor:	Keller Construction, Inc. 22 Illini Drive Glen Carbon, IL 62034
Project:	Design Deficiency Corrections for East St. Louis, Illinois Flood Protection Project
Bid Package Number:	14A
Bid Package Name:	Underseepage Controls from 821+00 to 863+00

Original Contract Amount:	\$ 905,000.00
Change Order #1:	\$ 56,869.66
Change Order #2:	\$ 4,872.00
Change Order #3:	-\$ 15,994.80
Total Change Order Amount:	\$ 45,746.86
Total Revised Contract Amount:	\$ 950,746.86

Payment Request No.	Pay Request Date	Pay Request Recommended Approval Date	Total Completed to Date (\$)	Amount Retained (10% to 50%) then (5% to 95%)	Total Earned Less Retained (\$)	Amount Invoiced (\$)	Date Paid by FPD	Estimate to Complete Included Retainage (\$)
1	4/30/2020	4/30/2020	\$22,000.00	\$2,200.00	\$19,800.00	\$19,800.00	5/6/2020	\$885,200.00
2	10/28/2020	10/30/2020	\$505,075.51	\$50,507.56	\$454,567.95	\$434,767.95	10/30/2020	\$450,432.05
3	11/13/2020	11/13/2020	\$835,845.80	\$83,584.59	\$752,261.21	\$297,693.26	11/18/2020	\$152,738.79
4	12/11/2020	12/14/2020	\$893,483.22	\$89,348.33	\$804,134.89	\$51,873.68	12/15/2020	\$146,611.97
5	5/20/2021	5/24/2021	\$950,746.86	\$0.00	\$950,746.86	\$146,611.97	5/25/2021	\$0.00

Change Request Log

Contractor:	Keller Construction, Inc. 22 Illini Drive Glen Carbon, IL 62034
Project:	Design Deficiency Corrections for East St. Louis, Illinois Flood Protection Project
Bid Package No.:	14A
Big Package Name:	Underseepage Controls from 821+00 to 863+00

Original Contract Amount:	\$ 905,000.00
Change Orders Total:	\$ 45,746.86
Total Revised Contract Amount:	\$ 950,746.86

(Includes Pending Change Orders)
(Assumes Approval of Pending Change Orders)

Change Request No.	PCN No.	Description	Change Type (Field, Design, Spec, Other)	Cost	As-Bid Line Item	Original Cost of Associated Line Item	% of Original Line Item	% of Original Contract	Date	Status	Comments
1	1	Ameren 10-inch Pipeline	Other	\$ 56,869.66	N/A	N/A	N/A	6.28%	11/8/2020	Approved	Address 10-inch unmarked Ameren pipeline.
2	2	Pizeometer Bollard Slag Removal	Field	\$ 4,872.00	14A.01 14A.09	\$44,000 \$22,000	6.3% 9.5%	0.54%	11/24/2020	Approved	Additional equipment and labor associated with addressing unforeseen slag encountered during installation of piezometer bollards. Time extension of 18 days.
3	3	Time Extension	Other	\$ -	N/A	\$ -	0.00%	0.00%	12/18/2020	Approved	Contract time extension due to unfavorable ground conditions and weather. Project completion is changed from 12/18/2020 to 1/22/2021.
4	4	Time Extension	Other	\$ -	N/A	\$ -	0.00%	0.00%	6/21/2021	Approved	Contract time extension due to unfavorable ground conditions and weather. Project completion is changed from 1/22/2021 to 5/21/2021.
5	5	Unit Price and Quantity Adjustments	Design, Field, and Other	(\$15,994.80)	14A.10 14A.11 14A.12 14A.13	\$ -	0.00%	-1.77%	6/21/2021	Approved	Contractor has requested quantity adjustments for various cuts/fills and a unit price adjustment for the south blanket.

CONTRACT INVOICE LOG

Contractor:	Keller Construction, Inc. 22 Illini Drive Glen Carbon, IL 62034
Project:	Design Deficiency Corrections for East St. Louis, Illinois Flood Protection Project
Bid Package Number:	18
Bid Package Name:	Underseepage Controls from 1207+00 to 1352+00

Original Contract Amount:	\$ 4,798,418.20
Change Order #1:	\$ 7,176.00 (2/1/2020)
Change Order #2:	\$ 170,529.06 (8/19/2020)
Change Order #3:	-\$ 97,883.84 (11/9/2020)
Change Order #5:	-\$ 114,898.58 (12/22/2021)
Total Change Order Amount:	-\$ 35,077.36
Total Revised Contract Amount:	\$ 4,763,340.84

Payment Request No.	Pay Request Date	Pay Request Approval Date	Total Completed to Date (\$)	Amount Retained (10% to 50%) then (5% to 95%)	Total Earned Less Retained (\$)	Amount Invoiced (\$)	Date Paid by FPD	Estimate to Complete Including Retainage (\$)
1	3/31/2020	4/9/2020	\$109,038.87	\$10,903.89	\$98,134.98	\$98,134.98	4/10/2020	\$4,707,459.22
2	5/7/2020	5/14/2020	\$281,792.87	\$28,179.29	\$253,613.58	\$155,478.60	5/14/2020	\$4,551,980.62
3	6/7/2020	7/22/2020	\$597,279.99	\$59,728.00	\$537,551.99	\$283,938.41	7/23/2020	\$4,268,042.21
4	7/15/2020	7/23/2020	\$776,708.35	\$77,670.85	\$699,037.51	\$161,485.51	7/23/2020	\$4,106,556.70
5	8/7/2020	8/14/2020	\$1,039,513.04	\$103,951.32	\$935,561.72	\$236,524.22	8/17/2020	\$3,870,032.48
6	9/8/2020	9/8/2020	\$1,346,980.73	\$134,698.07	\$1,212,282.66	\$276,720.92	9/9/2020	\$3,763,840.62
7	10/16/2020	10/26/2020	\$2,509,094.48	\$250,909.45	\$2,258,185.03	\$1,045,902.37	10/28/2020	\$2,717,938.26
8	11/12/2020	11/13/2020	\$3,132,599.92	\$313,260.01	\$2,819,339.91	\$561,154.88	11/18/2020	\$2,058,899.54
9	12/10/2020	12/14/2020	\$3,800,863.21	\$380,086.34	\$3,420,776.87	\$601,436.96	12/15/2020	\$1,457,462.58
10	1/28/2021	2/1/2021	\$4,381,672.73	\$438,167.29	\$3,943,505.44	\$522,728.57	2/2/2021	\$934,734.01
11	4/12/2021	4/21/2021	\$4,588,606.96	\$229,430.37	\$4,359,176.59	\$415,671.16	4/22/2021	\$404,164.28
12	5/4/2021	5/24/2021	\$4,605,550.74	\$230,277.56	\$4,375,273.18	\$16,096.59	5/25/2021	\$388,067.69
13	6/9/2021	6/16/2021	\$4,613,643.52	\$230,682.20	\$4,382,961.32	\$7,688.14	6/16/2021	\$380,379.55
14	7/7/2021	7/9/2021	\$4,642,077.53	\$232,103.90	\$4,409,973.64	\$27,012.32	7/12/2021	\$353,367.23
15	12/30/2021	1/9/2022	\$4,763,340.84	\$0.00	\$4,763,340.84	\$353,367.20	1/10/2022	\$0.00

Change Request Log

Contractor:	Keller Construction, Inc. 22 Illini Drive Glen Carbon, IL 62034
Project:	Design Deficiency Corrections for East St. Louis, Illinois Flood Protection Project
Bid Package No.:	18
Big Package Name:	Underseepage Controls from 1207+00 to 1352+00

Original Contract Amount:	\$ 4,798,418.20
Change Orders Total:	\$ 35,077.36
Total Revised Contract Amount:	\$ 4,783,340.84

(Includes Pending Change Orders)
(Assumes Approval of Pending Change Orders)

Change Request No.	PCN No.	Description	Change Type (Field, Design, Spec, Other)	Cost	As-Bid Line Item	Original Cost of Associated Line Item	% of Original Line Item	% of Original Contract	Date	Status	Comments
1	13	Add 2 feet to 8 T-Type Relief Well Manholes.	Field	\$ 7,176.00	N/A	N/A	N/A	0.15%	2/1/2020	Approved	RW-159X, RW-160X, RW-161X, RW-162X, RW-163X, RW-164X, RW-165X, RW-166X.
2	3	New Piezometers, Duckbill Check Valve, and Contract Time Extension	Design, Field, & Other	\$ 170,529.06	N/A	N/A	N/A	3.55%	8/19/2020	Approved	Add 13 piezometers (design change), new check valve (field change), & time extension for high river stage (other change).
3	4	Interior & Exterior 10'x10' Box Culvert Joint Sealants, Removal of 9 Piezometers, and Contract Time Extension	Design, Field, & Other	\$ (97,883.84)	N/A	N/A	N/A	-2.04%	11/9/2020	Approved	Install interior & exterior joint sealants on 10'x10 box culvert joints and dewatering to facilitate installation thereof. Removal of 9 piezometers from change order no. 2. Schedule extension for check valve lead time.
4	11	Contract Time Extension	Other	\$ -	N/A	N/A	N/A	0.00%	2/5/2021	Approved	Time extension (90-days) for critical delays caused by weather (other change)
5	1, 2, 8, 10, 15, 16, 17, 18, 19	Raising discharge of fill area 2 relief wells, Eliminate RW-227A, Descope 36 relief well abandonments, relief well footage reconciliation, Abandonment of old manhole in Forebay, Cahokia Pump Station and Driveway Extras, Contract Time Extensions, and Fill Quantity Reconciliation	Design, Field, & Other	\$ (114,898.58)	N/A	N/A	N/A	-2.39%	12/23/2021	Approved	Adding a total of 20.1-LF of relief well footage for Fill Area 2 Wells (design/field change). Eliminate 75.7-LF of T-Type well for RW-227A. (design change). Descope 36 relief well abandonments (design/field change) and relief well footage reconciliation for D/T-Type wells and obstructed drilling (field change). Extra CLSM to abandon an old manhole encountered in the Forebay fill. (field change). Extra fence to accommodate grade around the Cahokia Pump Station, as well as extra rock and fabric for within the fenced area and to facilitate driveway/access improvements for the Pump Station (design/field). Time extension (177-days) for critical delays caused by weather and groundwater conditions (other change). Fill Quantity Reconciliation (field change).



Memo to: Board of Directors
From: Chuck Ewert
Subject: Budget and Disbursement Reports for March & April 2023
Date: May 15, 2023

Current Budget Highlights

Attached are the financial statements for March 2023 and April 2023 prepared by our fiscal agent, CliftonLarsonAllen. The reports include an accounting of revenues and expenditures for the months ending March 31, 2023 and April 30, 2023, as compared to the according fiscal year budget.

Accrued expenditures for the fiscal year beginning on October 1, 2022 thru March 31, 2023 were \$9,455,758 while revenues amounted to \$9,072,886 resulting in a deficit of \$382,872.

Accrued expenditures for the fiscal year beginning on October 1, 2022 thru April 30, 2023 were \$20,313,815 while revenues amounted to \$10,446,927 resulting in a deficit of \$9,866,888.

A total of \$53,267,843 is held by the counties in their respective FPD sales tax funds and will be needed by the Council for the 500-Year Authorized Level of Protection.

Monthly sales tax receipts of \$1,260,197 for January were up 7.35% from last year. Receipts of \$1,225,328 for February were up 11.56% from last year. Receipts for the year are up 9.38% from last year. Each county had the highest monthly receipts ever for the eleventh consecutive month.

Monthly Disbursements

Attached are bank transactions for March 2023 and April 2023. Total disbursements for March were \$629,700.75, with the largest payments being to Village of Roxanna and WSP. Total disbursements for April were \$1,030,846.17 with the largest payments being to Keller Construction Inc. and WSP.

Recommendation: Accept the budget and disbursement reports for March & April 2023.

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION
DISTRICT COUNCIL**

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

SIX MONTHS ENDED MARCH 31, 2023 AND 2022



Board Members
Southwestern Illinois Flood Prevention District Council
Collinsville, Illinois

Management is responsible for the accompanying General Fund Statement of Revenues and Expenditures of Southwestern Illinois Flood Prevention District Council (the "Council") for the six months ended March 31, 2023 and 2022, in accordance with accounting principles generally accepted in the United States of America. Management is also responsible for the accompanying financial forecast of Southwestern Illinois Flood Prevention District Council, which comprises the forecasted statements of revenues and expenditures for the year ending September 30, 2023, and the related summary of significant assumptions in accordance with guidelines for the presentation of financial forecast established by the American Institute of Certified Public Accountants (AICPA). We have performed compilation engagements in accordance with Statements on Standards for Accounting and Review services promulgated by the Accounting and Review Services Committee of the American Institute of certified Public Accountants. We did not audit or review the historical financial statements or the financial forecast nor were we required to perform any procedures to verify the accuracy or completeness of information provided by management. Accordingly, we do not express an opinion a conclusion, nor provide any form of assurances on these historical financial statements and this financial forecast.

The forecasted results may not be achieved as there will usually be differences between the forecasted and actual results, because events and circumstances frequently do not occur as expected, and these differences may be material. We assume no responsibility to update this report for events and circumstances occurring after the date of this report.

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, the historical financial statements and the financial forecast 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, 2023 and 2022, 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
April 3, 2023

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
GENERAL FUND
STATEMENT OF REVENUES AND EXPENDITURES - BUDGET AND ACTUAL
SIX MONTHS ENDED MARCH 31, 2023 (Actual)
FISCAL YEAR ENDING SEPTEMBER 30, 2023 (Budget)**

	BUDGET		ACTUAL	VARIANCE WITH FINAL BUDGET POSITIVE (NEGATIVE)
	ORIGINAL	FINAL		
REVENUES				
Sales Tax Proceeds From Districts	\$ 17,491,333	\$ 17,491,333	\$ 8,777,507	\$ 8,713,826
Interest Income	100,000	100,000	295,379	(195,379)
Other Contributions	-	-	-	-
Total Revenues	<u>17,591,333</u>	<u>17,591,333</u>	<u>9,072,886</u>	<u>8,518,447</u>
EXPENDITURES				
Current				
Design and Construction				
Engineering Design & Construction	5,223,000	5,223,000	2,460,686	2,762,314
Management				
Construction	23,550,000	23,550,000	392,186	23,157,814
Construction and design by US ACE	500,000	500,000	-	500,000
Total Design and Construction	<u>29,273,000</u>	<u>29,273,000</u>	<u>2,852,872</u>	<u>26,420,128</u>
Professional Services				
Legal & Legislative Consulting	190,000	190,000	-	190,000
Financial Advisor	65,000	65,000	7,350	57,650
Bond Underwriter/Conduit Issuer	12,000	12,000	6,890	5,110
Total Professional Services	<u>267,000</u>	<u>267,000</u>	<u>14,240</u>	<u>252,760</u>
Refund of Surplus Funds to County FPD Accounts				
Madison County	1,848,700	1,848,700	1,464,201	384,499
Monroe County	167,650	167,650	132,789	34,861
St. Clair County	1,483,650	1,483,650	1,175,225	308,425
Total Refund of Surplus Funds to County	<u>3,500,000</u>	<u>3,500,000</u>	<u>2,772,215</u>	<u>727,785</u>
Debt Service				
Principal and Interest	9,549,731	9,549,731	3,690,666	5,859,065
Total Debt Service	<u>9,549,731</u>	<u>9,549,731</u>	<u>3,690,666</u>	<u>5,859,065</u>
Total Operating Expenses	<u>42,589,731</u>	<u>42,589,731</u>	<u>9,329,993</u>	<u>33,259,738</u>
General and Administrative Costs				
Salaries, Benefits	251,000	251,000	94,975	156,025
Bank Service Charges	1,000	1,000	273	727
Equipment and Software	2,000	2,000	397	1,603
Fiscal Agency Services	38,500	38,500	19,778	18,722
Audit Services	19,500	19,500	-	19,500
Meeting Expenses	1,000	1,000	98	902
Postage/Delivery	1,000	1,000	203	797
Printing/Photocopies	2,000	2,000	869	1,131
Professional Services	10,000	10,000	350	9,650
Memberships and Dues	-	-	43	(43)
Supplies	3,000	3,000	278	2,722
Telecommunications/Internet	3,000	3,000	1,810	1,190
Travel	5,000	5,000	200	4,800
Insurance	8,000	8,000	6,175	1,825
Business Expenses	-	-	315	(315)
Total General & Administrative Costs	<u>345,000</u>	<u>345,000</u>	<u>125,765</u>	<u>219,235</u>
Total Expenditures	<u>42,934,731</u>	<u>42,934,731</u>	<u>9,455,758</u>	<u>33,478,973</u>
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	<u>(25,343,398)</u>	<u>(25,343,398)</u>	<u>(382,872)</u>	<u>(24,960,526)</u>
NET CHANGE IN FUND BALANCE	<u>\$ (25,343,398)</u>	<u>\$ (25,343,398)</u>	<u>\$ (382,872)</u>	<u>\$ (24,960,526)</u>

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
GENERAL FUND
STATEMENT OF REVENUES AND EXPENDITURES - BUDGET AND ACTUAL
SIX MONTHS ENDED MARCH 31, 2022 (ACTUAL)
FISCAL YEAR ENDING SEPTEMBER 30, 2022 (Budget)**

	BUDGET		ACTUAL	VARIANCE WITH FINAL BUDGET POSITIVE (NEGATIVE)
	ORIGINAL	FINAL		
REVENUES				
Sales Tax Proceeds From Districts	\$ 14,000,000	\$ 14,000,000	\$ 8,330,758	\$ 5,669,242
Interest Income	50,000	50,000	57,914	(7,914)
Other Contributions	-	-	-	-
Total Revenues	<u>14,050,000</u>	<u>14,050,000</u>	<u>8,388,672</u>	<u>5,661,328</u>
EXPENDITURES				
Current				
Design and Construction				
Engineering Design & Construction Management	5,198,000	5,198,000	1,061,214	4,136,786
Construction	12,601,700	12,601,700	492,620	12,109,080
Construction and design by US ACE	500,000	500,000	-	500,000
Total Design and Construction	<u>18,299,700</u>	<u>18,299,700</u>	<u>1,553,834</u>	<u>16,745,866</u>
Professional Services				
Legal & Legislative Consulting	190,000	190,000	30,795	159,205
Financial Advisor	65,000	65,000	6,450	58,550
Bond Underwriter/Conduit Issuer	12,000	12,000	7,017	4,983
Total Professional Services	<u>267,000</u>	<u>267,000</u>	<u>44,262</u>	<u>222,738</u>
Refund of Surplus Funds to County FPD Accounts				
Madison County	528,170	528,170	1,295,379	(767,209)
Monroe County	47,900	47,900	122,883	(74,983)
St. Clair County	423,930	423,930	1,155,203	(731,273)
Total Refund of Surplus Funds to County	<u>1,000,000</u>	<u>1,000,000</u>	<u>2,573,465</u>	<u>(1,573,465)</u>
Debt Service				
Principal and Interest	9,474,781	9,474,781	3,651,016	5,823,765
Federal Interest Subsidy	-	-	-	-
Total Debt Service	<u>9,474,781</u>	<u>9,474,781</u>	<u>3,651,016</u>	<u>5,823,765</u>
Total Operating Expenses	<u>29,041,481</u>	<u>29,041,481</u>	<u>7,822,577</u>	<u>21,218,904</u>
General and Administrative Costs				
Salaries, Benefits	240,000	240,000	102,678	137,322
Bank Service Charges	1,000	1,000	273	727
Equipment and Software	2,000	2,000	502	1,498
Fiscal Agency Services	37,000	37,000	20,024	16,976
Audit Services	19,000	19,000	-	19,000
Meeting Expenses	1,000	1,000	150	850
Postage/Delivery	1,000	1,000	77	923
Printing/Photocopies	2,000	2,000	563	1,437
Professional Services	10,000	10,000	350	9,650
Supplies	3,000	3,000	152	2,848
Telecommunications/Internet	3,000	3,000	850	2,150
Travel	5,000	5,000	-	5,000
Insurance	1,000	1,000	6,098	(5,098)
Total General & Administrative Costs	<u>325,000</u>	<u>325,000</u>	<u>131,717</u>	<u>193,283</u>
Total Expenditures	<u>29,366,481</u>	<u>29,366,481</u>	<u>7,954,294</u>	<u>21,412,187</u>
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	<u>(15,316,481)</u>	<u>(15,316,481)</u>	<u>434,378</u>	<u>15,750,859</u>
NET CHANGE IN FUND BALANCE	<u>\$ (15,316,481)</u>	<u>\$ (15,316,481)</u>	<u>\$ 434,378</u>	<u>\$ 15,750,859</u>

SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
GENERAL FUND
HISTORICAL AND BUDGETED FINANCIAL STATEMENTS
SUMMARY OF SIGNIFICANT ASSUMPTIONS
For the Six Months Ended March 31, 2023 and 2022, and the year ending September 30, 2023

Summary of Significant Assumptions

These financial forecasts present, to the best of management's knowledge and belief, the Council's expected financial position and results of operations for the forecast periods. Accordingly, the forecasts reflect its judgment as of October 1, 2022, the date of these forecasts, of the expected conditions and its expected course of action. The assumptions disclosed hereon are those that management believes are significant to the forecasts. There will be usually be differences between the forecasted and actual results, because events and circumstances frequently do not occur as expected, and those differences may be material.

Statements of Activities Assumptions

- | | |
|--|-----|
| 1. Sales tax proceeds from districts are expected to grow at a rate of based on prior year | 4% |
| 2. Design and Construction based on engineers plans for the year | 57% |
| 3. Professional Services based on expected needs to purchase easements and other costs | 56% |
| 4. Salaries, benefits and taxes based on annual salary increase | 3% |

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION
DISTRICT COUNCIL**

**GENERAL FUND
STATEMENT OF REVENUES AND EXPENDITURES – BUDGET AND ACTUAL
SEVEN MONTHS ENDED APRIL 30, 2023 AND 2022**



Board Members
Southwestern Illinois Flood Prevention District Council
Collinsville, Illinois

Management is responsible for the accompanying General Fund Statement of Revenues and Expenditures of Southwestern Illinois Flood Prevention District Council (the "Council") for the seven months ended April 30, 2023 and 2022, in accordance with accounting principles generally accepted in the United States of America. Management is also responsible for the accompanying financial forecast of Southwestern Illinois Flood Prevention District Council, which comprises the forecasted statements of revenues and expenditures for the year ending September 30, 2023, and the related summary of significant assumptions in accordance with guidelines for the presentation of financial forecast established by the American Institute of Certified Public Accountants (AICPA). We have performed compilation engagements in accordance with Statements on Standards for Accounting and Review services promulgated by the Accounting and Review Services Committee of the American Institute of certified Public Accountants. We did not audit or review the historical financial statements or the financial forecast nor were we required to perform any procedures to verify the accuracy or completeness of information provided by management. Accordingly, we do not express an opinion a conclusion, nor provide any form of assurances on these historical financial statements and this financial forecast.

The forecasted results may not be achieved as there will usually be differences between the forecasted and actual results, because events and circumstances frequently do not occur as expected, and these differences may be material. We assume no responsibility to update this report for events and circumstances occurring after the date of this report.

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, the historical financial statements and the financial forecast 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, 2023 and 2022, 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 "CliftonLarsonAllen LLP".

CliftonLarsonAllen LLP

St. Louis, Missouri
May 2, 2023

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
GENERAL FUND
STATEMENT OF REVENUES AND EXPENDITURES - BUDGET AND ACTUAL
SEVEN MONTHS ENDED APRIL 30, 2023 (Actual)
FISCAL YEAR ENDING SEPTEMBER 30, 2023 (Budget)**

	BUDGET		ACTUAL	VARIANCE WITH
	ORIGINAL	FINAL		FINAL BUDGET
				POSITIVE (NEGATIVE)
REVENUES				
Sales Tax Proceeds From Districts	\$ 17,491,333	\$ 17,491,333	\$ 10,037,703	\$ 7,453,630
Interest Income	100,000	100,000	409,224	(309,224)
Other Contributions	-	-	-	-
Total Revenues	<u>17,591,333</u>	<u>17,591,333</u>	<u>10,446,927</u>	<u>7,144,406</u>
EXPENDITURES				
Current				
Design and Construction				
Engineering Design & Construction Management	5,223,000	5,223,000	2,867,156	2,355,844
Construction	23,550,000	23,550,000	899,542	22,650,458
Construction and design by US ACE	500,000	500,000	-	500,000
Total Design and Construction	<u>29,273,000</u>	<u>29,273,000</u>	<u>3,766,698</u>	<u>25,506,302</u>
Professional Services				
Legal & Legislative Consulting	190,000	190,000	-	190,000
Financial Advisor	65,000	65,000	8,250	56,750
Bond Underwriter/Conduit Issuer	12,000	12,000	6,890	5,110
Total Professional Services	<u>267,000</u>	<u>267,000</u>	<u>15,140</u>	<u>251,860</u>
Refund of Surplus Funds to County FPD Accounts				
Madison County	1,848,700	1,848,700	3,611,051	(1,762,351)
Monroe County	167,650	167,650	327,488	(159,838)
St. Clair County	1,483,650	1,483,650	2,898,371	(1,414,721)
Total Refund of Surplus Funds to County	<u>3,500,000</u>	<u>3,500,000</u>	<u>6,836,910</u>	<u>(3,336,910)</u>
Debt Service				
Principal and Interest	9,549,731	9,549,731	9,549,731	-
Total Debt Service	<u>9,549,731</u>	<u>9,549,731</u>	<u>9,549,731</u>	<u>-</u>
Total Operating Expenses	<u>42,589,731</u>	<u>42,589,731</u>	<u>20,168,479</u>	<u>22,421,252</u>
General and Administrative Costs				
Salaries, Benefits	251,000	251,000	111,452	139,548
Bank Service Charges	1,000	1,000	319	681
Equipment and Software	2,000	2,000	517	1,483
Fiscal Agency Services	38,500	38,500	22,571	15,929
Audit Services	19,500	19,500	-	19,500
Meeting Expenses	1,000	1,000	98	902
Postage/Delivery	1,000	1,000	213	787
Printing/Photocopies	2,000	2,000	869	1,131
Professional Services	10,000	10,000	350	9,650
Memberships and Dues	-	-	43	(43)
Supplies	3,000	3,000	278	2,722
Telecommunications/Internet	3,000	3,000	1,936	1,064
Travel	5,000	5,000	200	4,800
Insurance	8,000	8,000	6,175	1,825
Business Expenses	-	-	315	(315)
Total General & Administrative Costs	<u>345,000</u>	<u>345,000</u>	<u>145,336</u>	<u>199,663</u>
Total Expenditures	<u>42,934,731</u>	<u>42,934,731</u>	<u>20,313,815</u>	<u>22,620,915</u>
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	(25,343,398)	(25,343,398)	(9,866,888)	(15,476,510)
NET CHANGE IN FUND BALANCE	<u>\$ (25,343,398)</u>	<u>\$ (25,343,398)</u>	<u>\$ (9,866,888)</u>	<u>\$ (15,476,510)</u>

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
GENERAL FUND
STATEMENT OF REVENUES AND EXPENDITURES - BUDGET AND ACTUAL
SEVEN MONTHS ENDED APRIL 30, 2022 (ACTUAL)
FISCAL YEAR ENDING SEPTEMBER 30, 2022 (Budget)**

	BUDGET		ACTUAL	VARIANCE WITH FINAL BUDGET
	ORIGINAL	FINAL		POSITIVE (NEGATIVE)
REVENUES				
Sales Tax Proceeds From Districts	\$ 14,000,000	\$ 14,000,000	\$ 9,504,664	\$ 4,495,336
Interest Income	50,000	50,000	76,132	(26,132)
Other Contributions	-	-	-	-
Total Revenues	<u>14,050,000</u>	<u>14,050,000</u>	<u>9,580,796</u>	<u>4,469,204</u>
EXPENDITURES				
Current				
Design and Construction				
Engineering Design & Construction	5,198,000	5,198,000	1,264,968	3,933,032
Management				
Construction	12,601,700	12,601,700	534,504	12,067,196
Construction and design by US ACE	500,000	500,000	-	500,000
Total Design and Construction	<u>18,299,700</u>	<u>18,299,700</u>	<u>1,799,472</u>	<u>16,500,228</u>
Professional Services				
Legal & Legislative Consulting	190,000	190,000	21,598	168,402
Financial Advisor	65,000	65,000	8,250	56,750
Bond Underwriter/Conduit Issuer	12,000	12,000	7,017	4,983
Total Professional Services	<u>267,000</u>	<u>267,000</u>	<u>36,865</u>	<u>230,135</u>
Refund of Surplus Funds to County FPD Accounts				
Madison County	528,170	528,170	3,129,588	(2,601,418)
Monroe County	47,900	47,900	289,228	(241,328)
St. Clair County	423,930	423,930	2,627,411	(2,203,481)
Total Refund of Surplus Funds to County	<u>1,000,000</u>	<u>1,000,000</u>	<u>6,046,227</u>	<u>(5,046,227)</u>
Debt Service				
Principal and Interest	9,474,781	9,474,781	9,474,781	-
Federal Interest Subsidy	-	-	-	-
Total Debt Service	<u>9,474,781</u>	<u>9,474,781</u>	<u>9,474,781</u>	<u>-</u>
Total Operating Expenses	<u>29,041,481</u>	<u>29,041,481</u>	<u>17,357,346</u>	<u>11,684,136</u>
General and Administrative Costs				
Salaries, Benefits	240,000	240,000	118,495	121,505
Bank Service Charges	1,000	1,000	317	683
Equipment and Software	2,000	2,000	598	1,402
Fiscal Agency Services	37,000	37,000	22,733	14,267
Audit Services	19,000	19,000	-	19,000
Meeting Expenses	1,000	1,000	150	850
Postage/Delivery	1,000	1,000	97	903
Printing/Photocopies	2,000	2,000	563	1,437
Professional Services	10,000	10,000	350	9,650
Supplies	3,000	3,000	152	2,848
Telecommunications/Internet	3,000	3,000	950	2,050
Travel	5,000	5,000	-	5,000
Insurance	1,000	1,000	6,098	(5,098)
Total General & Administrative Costs	<u>325,000</u>	<u>325,000</u>	<u>150,505</u>	<u>174,497</u>
Total Expenditures	<u>29,366,481</u>	<u>29,366,481</u>	<u>17,507,851</u>	<u>11,858,633</u>
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	<u>(15,316,481)</u>	<u>(15,316,481)</u>	<u>(7,927,055)</u>	<u>7,389,426</u>
NET CHANGE IN FUND BALANCE	<u>\$ (15,316,481)</u>	<u>\$ (15,316,481)</u>	<u>\$ (7,927,055)</u>	<u>\$ 7,389,426</u>

SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
GENERAL FUND
HISTORICAL AND BUDGETED FINANCIAL STATEMENTS
SUMMARY OF SIGNIFICANT ASSUMPTIONS
For the Seven Months Ended April 30, 2023 and 2022, and the year ending September 30, 2023

Summary of Significant Assumptions

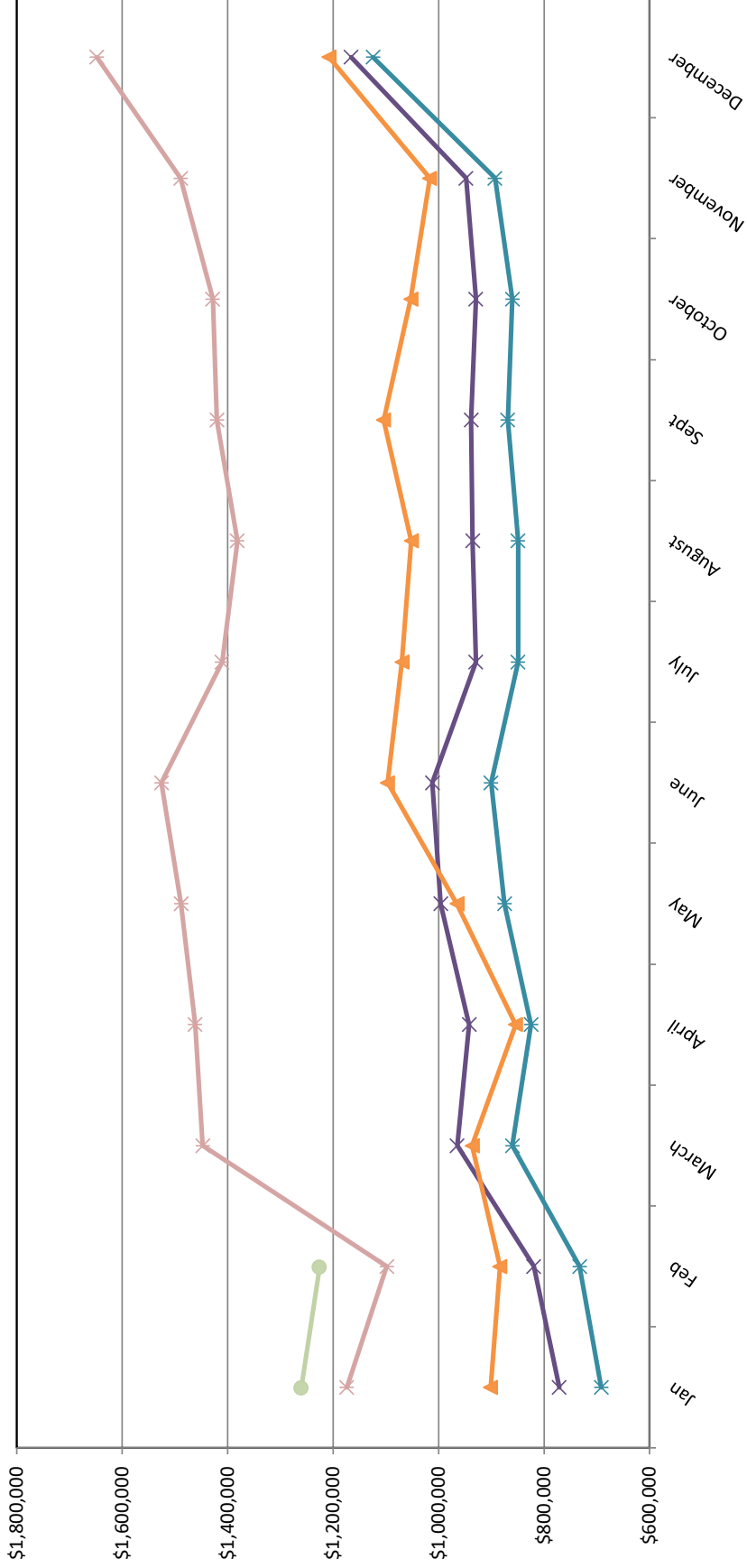
These financial forecasts present, to the best of management's knowledge and belief, the Council's expected financial position and results of operations for the forecast periods. Accordingly, the forecasts reflect its judgment as of October 1, 2022, the date of these forecasts, of the expected conditions and its expected course of action. The assumptions disclosed hereon are those that management believes are significant to the forecasts. There will be usually be differences between the forecasted and actual results, because events and circumstances frequently do not occur as expected, and those differences may be material.

Statements of Activities Assumptions

- | | |
|--|-----|
| 1. Sales tax proceeds from districts are expected to grow at a rate of based on prior year | 4% |
| 2. Design and Construction based on engineers plans for the year | 57% |
| 3. Professional Services based on expected needs to purchase easements and other costs | 56% |
| 4. Salaries, benefits and taxes based on annual salary increase | 3% |

Flood Prevention District Sales Tax Trends 2009-2023

Monthly Receipts 2009-2014-2020-2022-2023



**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
SUPPLEMENTARY SUPPORTING SCHEDULE
BANK TRANSACTIONS
March 31, 2023**

Beginning Bank Balance as of March 1, 2023			\$ 945,273.18
Receipts			
Busey Bank	03/15/2023	Admin Transfer	22,542.59
Busey Bank	03/15/2023	Construction Transfer	744,967.72
Busey Bank	03/31/2023	Interest	36.08
			\$ 767,546.39
Disbursements			
CliftonLarsonAllen LLP	03/07/2023	Fiscal Agent	1,396.50
WSP Global, Inc.	03/09/2023	Construction	411,456.69
CliftonLarsonAllen LLP	03/16/2023	Fiscal Agent	1,396.50
Husch Blackwell	03/16/2023	Legal	13,319.70
USPS	03/09/2023	Postage	18.70
Busey Bank	03/20/2023	Wire Fee	15.00
Busey Bank	03/20/2023	Wire Fee	15.00
Columbia Capital	03/23/2023	Financial Advisor	900.00
Busey Bank	03/31/2023	Bank Fee	15.60
Cost Less Copy Center	03/15/2023	Printing & Copying	261.60
USPS	03/16/2023	Postage	37.40
AT&T	03/14/2023	Telephone/Tablet	121.25
Village of Roxana	03/23/2023	Construction	200,000.00
Charles Etwert	03/16/2023	Business Expenses & Travel	514.64
MOW Printing	03/23/2023	Printing & Copying	232.17
			\$ 629,700.75
			\$ 1,083,118.82

**SOUTHWESTERN ILLINOIS FLOOD PREVENTION DISTRICT COUNCIL
SUPPLEMENTARY SUPPORTING SCHEDULE
BANK TRANSACTIONS
April 30, 2023**

Beginning Bank Balance as of April 1, 2023 **\$ 1,083,118.82**

Receipts

Busey Bank	04/15/2023	Admin Transfer	22,818.09
Busey Bank	04/15/2023	Construction Transfer	1,191,617.14
City of East St. Louis	04/17/2023	Construction	76,890.00
Busey Bank	04/30/2023	Interest	38.64
			\$ 1,291,363.87

Disbursements

East West Gateway	04/03/2023	Supervisor Management Services	19,657.56
CliftonLarsonAllen LLP	04/06/2023	Fiscal Agent	1,396.50
AT&T	04/11/2023	Telephone/Tablet	126.01
WSP Global, Inc.	04/12/2023	Construction	406,470.38
Husch Blackwell	04/12/2023	Legal	10,334.30
USPS	04/20/2023	Postage	9.35
CliftonLarsonAllen LLP	04/24/2023	Fiscal Agent	1,396.50
Columbia Capital	04/24/2023	Financial Advisor	900.00
Keller Construction	04/24/2023	Construction	573,912.46
Busey Bank	04/25/2023	Wire Fee	15.00
Busey Bank	04/25/2023	Wire Fee	15.00
East West Gateway	04/26/2023	Supervisor Management Services	16,477.66
DropBox	04/27/2023	Equipment & Software	119.88
Busey Bank	04/30/2023	Bank Fee	15.57
			\$ 1,030,846.17
			\$ 1,343,636.52



Memo to: Board of Directors
From: Chuck Ewert
Subject: Design and Construction Update
Date: May 15, 2023

Attached is WSP's Design and Construction Update, which Jon Omvig will present at the meeting.

Recommendation: Accept the May Design and Construction Update by WSP USA Environment & Infrastructure Inc.

Southwestern Illinois Levee Systems

Progress Report
May 17, 2023

Jon Omvig

Authorized Level (~500-Year) Design

Wood River

- Bid Package 8 (Relief wells & a pump station)
 - USACE is constructing
 - Continue to respond to RFIs as needed
 - WSP work order amendment on agenda today for construction phase services.

Authorized Level (~500-Year) Design

Wood River

- Bid Package 9 (1 large seepage berm in Roxanna)
 - **May 2023:** Anticipated date the Total Project Cost (TPC) will be approved by USACE.
 - **Aug./Sep. 2023:** Anticipated date the Integral Determination Report (IDR) will be approved by USACE.
 - **Oct./Nov. 2023:** Anticipated date the Project Partnership Agreement (PPA) will be approved by USACE.
 - **Dec. 2023:** Anticipated date that design work for Bid Package 9 will begin (and design/construction schedule updated accordingly).

Authorized Level (~500-Year) Design

MESD

- Bid Package 11 (Relief wells & a pump station)
 - Contractor has mobilized and construction is underway
 - Submittal review continues for future aspects of the project

Authorized Level (~500-Year) Design

MESD

- Bid Package 14A (riverside clay cap and cutoff trench)
 - USACE is reviewing closeout documentation
- Bid Package 14B (filter blanket under I-70 bridge)
 - ROW Acquisition is underway
 - Project will be shifted to USACE to bid and construct.

Authorized Level (~500-Year) Design

MESD

- Bid Package 18 (Relief wells, pipe & pump station modifications)
 - USACE is reviewing closeout documentation
- Bid Package 18A (Pump station & pipe replacement)
 - Report submitted to USACE on June 14, 2022.
 - USACE approved project as WIK on May 9, 2023
 - WSP work order amendment on agenda today for detailed design of this project



Authorized Level (~500-Year) Design

Prairie du Pont & Fish Lake

- Bid Package 15
 - Working towards 65% design submittal to USACE
- Bid Package 16
 - In preliminary design phase
- Bid Package 17
 - In preliminary design phase



Authorized Level (~500-Year) Design

Prairie du Pont & Fish Lake

- Environmental Permitting
 - Draft Waters of the United States (WOTUS) Report (wetland report) was submitted to USACE on March 23
 - Draft Environmental Assessment (EA) was submitted to USACE on March 29
 - Conference call with Illinois EPA was held on April 25
 - IEPA water quality sampling is being coordinated
 - WSP work order amendment on agenda today for environmental permitting services



Thank you

wsp.com

9



Memo to: Board of Directors
From: Chuck Etwert
Subject: Amendments to WSP Orders #1, #14, #16 & #20
Authorized Level Services
Date: May 15, 2023

Additional funding for several WSP USA Environment & Infrastructure Inc. Work Orders for Authorized Level Services are needed for extending Program Management Services and scope changes. Board action is required on additional funding and extension of period of performance.

WSP will be explaining the additional funding requirements at the meeting.

Work Orders Requiring Additional Funding:

Work Order #1 – Program Management Services - Amendment 6 –

Extends the Period of Performance from August 18, 2010 to December 31, 2025 and increases funding by \$420,000 from \$2,900,000 to \$3,320,000. The last funding increase for Program Management Services was in January 2021. Details of all of the services being provided were provided in the agenda package.

Work Order #14 – Metro East Sanitary District Authorized Level Field Investigation and Design – Amendment #8

Extends the Period of Performance from September 16, 2015 to December 31, 2025 and increases funding by \$494,000 from \$7,868,000 to \$8,362,000.

Bid Package 18A has been approved as a WIK project by USACE; therefore, final design can be started. Prior design efforts included preparation of the report which USACE reviewed to evaluate the necessity of the Bid Package 18A project. This amendment adds the preparation of construction documents, including survey, design reports, drawings, specifications, as well as all of the necessary coordination with stakeholders and vendors. USACE requested a Value Engineering (VE) Study as part of the Bid Package 18A design; therefore, costs for the VE workshop and report are included in this amendment. Subsurface borings are required at the new outfall locations for each pump station impacted; therefore, drilling, lab work, and report preparation are included. Finally, bid phase services are included in this amendment. The current construction cost estimate for Bid Package 18A is \$8.8M. The total estimate for design services is \$741,000; however, there is approximately \$247,000 remaining in this work order; therefore, the amendment total is \$494,000.

Work Order #16 – Prairie Du Pont/Fish Lake Authorized Level Field
Investigation and Design – Amendment #3

Extends the Period of Performance from September 21, 2016 to December 31, 2025 and increase funding by \$298,000 from \$6,467,000 to \$6,765,000.

Environmental permitting associated with Bid Packages 15, 16, and 17. When this project was scoped in 2016 (Original Work Order Authorization) and 2017 (Amendment 1), there was an understanding that the PdP/FL Authorized Level work by the FPD Council would need little to no permitting effort, as USACE had already completed the environmental due diligence work as part of their 2011 Limited Reevaluation Report (LRR). Recently, USACE has informed the FPD Council and WSP that the old USACE permitting effort is no longer able to be used and the FPD Council will need to prepare a new Draft Environmental Assessment, Joint Permit Application, and obtain new Section 106 (cultural) clearance. Additionally, since a new Section 404 Permit will be necessary, coordination with the Illinois EPA will be required again for a Section 401 permit from the State of Illinois. The estimate for this additional effort, sampling, testing, and field work is \$298,000.

Work Order #20 – Construction Phase Services – Amendment #3

Increases funding by \$77,000 from \$3,240,000 to \$3,317,000.

This amendment adds construction management scope for Bid Package 08. Although USACE is constructing Bid Package 08; WSP designed the project and has been requested to provide input on certain matters over the course of construction. WSP has performed relief well construction oversight, coordination with stakeholders for utility conflicts, and routine review of RFIs and construction submittals as requested by USACE. Future work is anticipated to include response to RFIs, construction submittal review, and routine coordination with USACE during construction. The estimated cost for this amendment is \$77,000.

Copies of each Work Order Amendments are attached, and WSP will be available to answer any questions regarding the amendments.

Recommendation:

Authorize the Chief Supervisor to execute Work Order Amendments with WSP USA Environment & Infrastructure Inc. for:

Work Order #1 – Program Management Services - Amendment 6 –

Extends the Period of Performance from August 18, 2010 to December 31, 2025 and increases funding by \$420,000 from \$2,900,000 to \$3,320,000.

Work Order #14 – Metro East Sanitary District Authorized Level Field Investigation and Design – Amendment #8

Extends the Period of Performance from September 16, 2015 to December 31, 2025 and increases funding by \$494,000 from \$7,868,000 to \$8,362,000.

Work Order #16 – Prairie Du Pont/Fish Lake Authorized Level Field
Investigation and Design – Amendment #3

Extends the Period of Performance from September 21, 2016 to
December 31, 2025 and increase funding by \$298,000 from \$6,467,000
to \$6,765,000.

Work Order #20 – Construction Phase Services – Amendment #3

Increases funding by \$77,000 from \$3,240,000 to \$3,317,000.



WORK ORDER NO: MSA01-WO01 – Amendment #6

PROGRAM MANAGEMENT SERVICES

Issued Pursuant to Master Services Agreement Effective November 1, 2011
and Change of Name Notifications dated April 16, 2018 and September 23, 2022

By and Between

WSP USA Environment & Infrastructure Inc. (WSP)

and

Southwestern Illinois Flood Prevention District Council (CLIENT)

CLIENT Office:	<u>104 United Drive</u> <u>Collinsville, IL 62234</u>	WSP Project No:	<u>563170001</u>
CLIENT Contact:	<u>Charles Etwert</u>	Work Order Type: (Check One)	
WSP Office:	<u>15933 Clayton Road</u> <u>Suite 110</u> <u>Ballwin, MO 63011</u>	Time and Materials	<u>X</u>
		Fixed Price	<u> </u>
WSP Contact:	<u>Randy Cook Jr.</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 Levee and Sanitary District, and Fish Lake Drainage and Levee District.
3. PERIOD OF PERFORMANCE: August 18, 2010 through December 31, 2025
4. ADDITIONAL AUTHORIZED FUNDING: \$420,000

Southwestern Illinois Flood Prevention District Council

WSP USA Environment & Infrastructure Inc.

By: _____
Date: _____
Name: Charles Etwert
Title: Chief Supervisor of Construction and the Works
Address: 104 United Drive
Collinsville, IL 62234

By: _____
Date: _____
Name: Jon Omvig
Title: Senior Vice President
Address: 15933 Clayton Road Suite 110
Ballwin, MO 63011

**Attachment A
Scope of Work**

**WORK ORDER NO: MSA01-WO01
Program Management Services**

Amendment #6

Services to be provided by WSP under this Work Order include Program Management Services in support of the design, construction and certification of the levee systems. Program Management Services to be provided by WSP under this Work Order include:

1. PROGRAM MANAGEMENT PLAN DEVELOPMENT AND MAINTENANCE

In accordance with WSP Management System policies and procedures, develop and maintain a Program Management Plan (PMP) to facilitate quality and effective program delivery. The PMP functions as an instrument to document and disseminate critical program information to the project team. The PMP also functions as a tool to communicate to the client, WSP understands of the program objectives and approach. The PMP will be updated and re-distributed on an as-needed basis. The PMP will include development and documentation of the following:

Program Objectives

- scope of services and program deliverables
- safety, health and environment guidelines and training requirements
- program task milestone summary (initial investigations thru re-accreditation)
- capital funding milestone summary
- program cost milestone summary
- program schedule milestone summary (initial investigations thru re-accreditation)

Program Management System

- project roles, responsibilities and authorities
- internal communication and decision-making protocol
- external communication procedures
- progress and status reporting guidelines and schedules
- internal program review, audit and corrective action procedures
- external program review and corrective action procedures
- project change management system procedures
- administrative work instructions and forms
- computer hardware and software requirements and support systems
- security and confidentiality requirements

Document and Data Management

- drawing and document numbering and file naming conventions and systems
- filing and archiving systems and procedures
- signatory authority
- professional seal authority
- document owners and controllers

Design Control

- design procedures and work instructions
- design standards
- design criteria
- design reviews
- design checking and verification

Program Management Services

- planning and scheduling
- program cost estimating
- program controls
- sub-consultant contract administration
- coordination with USACE and development of a MOU
- coordination with FEMA and development of a MOU
- coordination with the levee districts
- community outreach
- QA manager oversight
- safety officer oversight
- dispute resolution services
- attendance at monthly council meetings
- preparation of presentation materials for monthly council meetings
- coordination meetings with client

2. **PLANNING AND SCHEDULING**

Develop a program implementation and delivery strategy.

- 2.1. Based on currently available information and work completed to date, develop a preliminary program implementation and delivery strategy
 - identify design tasks/packages
 - identify permitting tasks/packages
 - identify land/right-of-way acquisition tasks/packages
 - identify construction packages
 - identify certification packages
 - develop construction cost estimates for each package
 - develop a detailed program schedule
 - identify funding requirements (amounts and timelines)
 - document the program implementation and delivery strategy in the PMP
- 2.2. As the program progresses, periodically update the program implementation and delivery strategy documented in the PMP.

3. **PROGRAM COST ESTIMATING**

3.1. Based on currently available information and work completed to date develop preliminary program cost estimates. As the program progresses, periodically update the program cost estimates for:

- Professional Fees
- Real Estate Acquisition Costs
- Utility Relocation Costs
- Permit Fees
- Mitigation Costs
- Construction Costs
- Certification Costs

Deliverables:

- Updated Program Cost Estimates

4. **PROGRAM CONTROLS**

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
- schedule and cost variance management and corrective action plans

Deliverables:

MONTHLY PROGRAM REPORT (AS APPLICABLE)

- safety, health and environment
- program management services completed this month
- program management services to be completed next month
- professional services completed this month
- professional services to be completed next month
- construction completed this month
- construction to be completed next month
- certification services completed this month
- certification services to be completed next month
- status of deliverables
- schedule updates
- technical decision memo status update
- change notice status update
- key issues
- program action list

5. **SUB-CONSULTANT CONTRACT ADMINISTRATION**

- 5.1. Enter into sub-consultant agreements with proposed consultants providing professional services, including companies providing drilling/subsurface exploration services, geophysical services and well testing. Administer the sub-consultant contracts and manage the sub-consultant.
- 5.2. Evaluate expertise and capacity of proposed sub-consultants
 - obtain and review resumes and project experience
 - obtain and review current backlog and projected backlog estimates
 - obtain and review certified overhead rate data
- 5.3. Identify scope of work for each sub-consultant
- 5.4. Negotiate scope, schedule and fee with each sub-consultant and enter into a sub-consulting agreement
- 5.5. Administer the sub-consultant agreements
 - provide PMP training
 - obtain insurance certificates
 - review quality assurance documentation
 - record document management
 - archive document management
 - obtain, review and process PMP performance metrics reporting
 - review progress reports and invoices
 - process invoices
- 5.6. Manage sub-consultant professional services
 - coordinate schedules
 - conduct coordination meetings
 - review progress submittals
 - review final work product deliverables
- 5.7. As the program progresses, periodically update the Implementation and Delivery Plan and PMP.

6.

7. **COORDINATION WITH USACE AND DEVELOPMENT OF A MOU**

- 7.1. Coordinate program efforts with the USACE and work to establish an MOU with the USACE to address:
 - maximizing eligibility of the proposed deficiency repairs for federal funding
 - establishment of a USACE scope of review for the proposed deficiency repairs
 - verify that the USACE will not consider the proposed deficiency repairs to be a detriment to the authorized level of protection.

8. **COORDINATION WITH FEMA**

- 8.1. Coordinate certification efforts with FEMA.

9. COORDINATION WITH THE LEVEE DISTRICTS

- 9.1. Coordinate with the levee districts, to include:
- Review of design concepts
 - Evaluation of proposed O&M procedures
 - Land Acquisition activities

10. COMMUNITY OUTREACH PROGRAM

- 10.1. Support community outreach programs developed by others.

11. QA MANAGER OVERSIGHT

- 11.1. The QA Manager will monitor design activities for compliance with the required QC reviews are being completed. The QA Manager will also conduct periodic audits to verify QC reviews are being completed in accordance with the PMP requirements.

12. SAFETY OFFICER OVERSIGHT

The Safety Officer will assist with the development of the safety, health and environment guidelines and assist with training. The Safety Officer will monitor program activities for compliance with the required safety, health and environment guidelines are implemented and that ongoing training is provided.

13. ATTENDANCE AT MONTHLY COUNCIL MEETINGS

- 13.1. WSP representative to attend monthly Council meetings in support of the Chief of the Works reporting of program status to the Council.

14. PREPARATION OF PRESENTATION MATERIALS FOR MONTHLY COUNCIL MEETINGS

- 14.1. Prepare presentation materials in support of the Chief of the Works reporting of program status to the Council.

15. COORDINATION MEETINGS WITH CLIENT

- 15.1. WSP representative will attend meetings with the Chief of Works to discuss program status on an as needed/requested basis.

WORK ORDER 01 SUMMARY:

Total for Original Agreement	= \$1,469,000
Total for Amendment #1	= N/A
Total for Amendment #2	= \$ 700,600
Total for Amendment #3	= N/A
Total for Amendment #4	= \$ 400,000
Total for Amendment #5	= \$ 330,400
Total for Amendment #6	= \$ 420,000
Total for Work Order 01	= \$3,320,000



WORK ORDER NO: MSA01-WO14 - AMENDMENT #8

Metro East Sanitary District Authorized Level Field Investigation and Design

Issued Pursuant to Master Services Agreement Effective November 1, 2011
and Change of Name Notifications dated April 16, 2018 and September 23, 2022

By and Between

WSP USA Environment & Infrastructure Inc. (WSP)

and

Southwestern Illinois Flood Prevention District Council (CLIENT)

CLIENT Office:	<u>104 United Drive</u> <u>Collinsville, IL 62234</u>	WSP Project No:	<u>563170001</u>
CLIENT Contact:	<u>Charles Etwert</u>	Work Order Type: (Check One)	
WSP Office:	<u>15933 Clayton Road</u> <u>Suite 110</u> <u>Ballwin, MO 63011</u>	Time and Materials	<u>X</u>
		Fixed Price	<u> </u>
WSP Contact:	<u>Randy Cook Jr.</u>	CLIENT Reference No:	<u>n/a</u>

1. SCOPE OF WORK: See Attachment A

2. LOCATION/CLIENT FACILITY INVOLVED: Metro East Sanitary District Levee System

3. PERIOD OF PERFORMANCE: September 16, 2015 through December 31, 2025

4. ADDITIONAL AUTHORIZED FUNDING: \$494,000

**Southwestern
Illinois Flood Prevention District Council**

**WSP USA Environment &
Infrastructure Inc.**

By: _____
Date: _____
Name: Charles Etwert
Title: Chief Supervisor of
Construction and the Works
Address: 104 United Drive
Collinsville, IL 62234

By: _____
Date: _____
Name: Jon Omvig
Title: Senior Vice President
Address: 15933 Clayton Road, Suite 110
Ballwin, MO 63011

**Attachment A
Scope of Work**

**WORK ORDER NO: MSA01-WO14
Metro East Sanitary District Authorized Level Field Investigation and Design
Amendment #8**

WSP's services will include review of the specific Authorized Level improvements identified by the U.S. Army Corps of Engineers (USACE) in the *Limited Reevaluation Report, Design Deficiency Corrections, East St. Louis, Illinois Flood Protection Project, Madison County, IL*, dated August, 2010. WSP will also review supplemental reports and additional pertinent documents (if any are available) prepared after the reevaluation reports, if provided by USACE. WSP's review of the reports is for the purpose of proposing a schedule to the Southwestern Illinois Flood Protection District Council (SIFPDC) for the design and construction of Authorized Level improvements identified by USACE. WSP's services do not include an analysis of the existing condition of the levees or an analysis of whether the improvements recommended in the Reports provide the level of protection indicated and/or desired by USACE. WSP is relying upon the Reports for such recommendations and identification.

Services to be provided by WSP under this Work Order include complete Construction Documents and associated Design Services in support of the design and construction of levee improvements throughout the Metro East Sanitary District (MESD) Levee system to protect against the Authorized Level Flood Event, as defined by the Corps of Engineers. Services to be provided by WSP under this Work Order include:

1. LAND SURVEYS

- 1.1. Prepare land-based topographic surveys to locate limits of physical features, ground elevations and improvements to supplement aerial photos and Lidar survey data.
- 1.2. Prepare boundary surveys for those properties that will require fee simple ROW acquisition, to include:
 - obtain a title commitment (in anticipation of the purchase of title insurance)
 - prepare a property boundary survey meeting the minimum standards of an "Urban Class Boundary Survey" or ALTA/ASCM land title survey
- 1.3. Prepare strip map surveys for those properties that will require an easement for ROW acquisition, to include:
 - obtain an informational title commitment (no title insurance)

- prepare a property boundary survey meeting the minimum standards of an “Urban Class Boundary Survey” or ALTA/ASCM land title survey

1.4. Prepare permanent easement and temporary construction easement (TCE) acquisition documents, to include:

- recordable exhibit
- legal description
- permanent easement language
- TCE language
- calculate area to be acquired

2. ASSIST USACE WITH UNDERSEEPAGE ANALYSIS

2.1. Support The U.S. Army Corps of Engineers St. Louis District with information needed for underseepage analysis. Much work has been completed by WSP, on behalf of the FPD Council, in MESD; WSP will use its expertise, experience, and data to ensure the St. Louis District is basing their underseepage solutions for the Authorized Level Flood Event on not only Corps-obtained data and analyses, but also on FPD Council-obtained data.

3. SEEPAGE BERM / CLAY CAP / FILL SOLUTIONS

3.1. The design solutions proposed by the St. Louis District will be reviewed in conjunction with the other underseepage solutions planned and the through-seepage alternative solutions will be evaluated to provide a constructible and efficient approach

3.2. Prepare utility relocation construction documents for non-utility company relocated utilities, to include:

- construction drawings
- specifications
- construction cost estimate

3.3. Coordinate utility relocations for utility company relocated utilities, to include:

- coordinate conflict resolution
- coordinate schedule
- coordinate relocation cost

3.4. Drill Seepage Berm Soil Borings

- sub-contract with driller(s) to perform soil borings according to approved Drilling Plan
- conduct soil borings at each proposed seepage berm location in accordance with the approved Drilling Plan.
- provide drilling oversight and coordination, health and safety plans, and procurement
- provide a qualified on-site drill rig monitor to supervise the work and log samples

Note:

All laboratory testing associated with seepage berm soil borings will be conducted by USACE, including determination of grain size at various aquifer depths and classification of soils; furthermore, USACE will be preparing the soil borings for use in Bentley gINT software. The aforementioned items are specifically excluded from the WSP scope of work.

- 3.5. Prepare complete seepage berm / clay cap / gravel ditch fill construction drawings, to include:
 - limits of existing right-of-way
 - limits of new right-of-way
 - limits of temporary construction easements
 - limits of wetlands and limits of assumed wetland disturbance
 - aerial photo background
 - topographic information (existing contours and utilities)
 - length, width, depth and location of seepage berms
 - length, height and location of clay blankets
 - length and location of gravel ditch fill
 - appurtenant ditching, road relocation, etc.
- 3.6. Prepare complete seepage berm / clay cap / fill specifications.
- 3.7. Prepare a construction cost estimate.
- 3.8. Prepare Hydrologic and Hydraulic (H&H) modeling for interior drainage impacts associated with design improvements for submittal to regulatory agencies as needed.
- 3.9. All designs will be in accordance with USACE practices and procedures to ensure Work-in-kind credit is obtained.

4. RELIEF WELL SOLUTIONS (NEW & REHABILITATED)

- 4.1. GEOTECHNICAL ANALYSIS AND DESIGN
- 4.2. Confirm re-use or abandonment of existing Relief Wells with the St. Louis District.
- 4.3. Prepare complete utility relocation construction documents, to include:
 - construction drawings
 - specifications
 - construction cost estimate
- 4.4. Prepare complete utility relocation construction documents for non-utility company relocated utilities, to include:
 - construction drawings
 - specifications
 - construction cost estimate
- 4.5. Coordinate utility relocations for utility company relocated utilities, to include:

- coordinate conflict resolution
- coordinate schedule
- coordinate relocation cost

4.6. Drill Pilot Holes

- sub-contract with driller(s) to perform pilot holes according to approved Drilling Plan
- conduct a pilot hole at each proposed relief well location that does not already have an associated pilot hole
- each pilot hole will be an SPT soil boring to a depth approximately 10 feet below the estimated bottom of the new relief well
- provide drilling oversight and coordination, health and safety plans, and procurement
- provide a qualified on-site drill rig monitor to supervise the work and log samples

Note:

All laboratory testing associated with relief well pilot holes will be conducted by USACE, including determination of grain size at various aquifer depths and classification of soils; furthermore, USACE will be preparing the soil borings (pilot holes) for use in Bentley gINT software. The aforementioned items are specifically excluded from the WSP scope of work.

4.7. Prepare complete relief well construction drawings, to include:

- limits of existing right-of-way
- limits of new right-of-way
- limits of temporary construction easements
- limits of wetlands and limits of assumed wetland disturbance
- aerial photo background
- topographic information (existing contours and utilities)
- existing relief wells to be abandoned
- existing relief wells to be rehabilitated
- existing relief wells to be rehabilitated and converted from D type to T type
- new D type and new T type relief wells
- appurtenant relief well discharge ditching, conveyance, storage, etc.

4.8. Prepare specification for abandonment of unneeded or deficient relief wells.

4.9. Prepare specification for installation of new relief wells.

4.10. Prepare a construction cost estimate.

4.11. All designs will be in accordance with USACE practices and procedures to ensure Work-in-kind credit is obtained.

5. GENERAL CIVIL IMPROVEMENTS (NEW PUMP STATIONS, CONVEYANCE SYSTEMS, ROADS)

- 5.1. Complete full design of 2 pump stations, including geotechnical analysis, mechanical design, electrical design, plumbing design, structural design, and general civil design.
- 5.2. All designs will be in accordance with USACE practices and procedures to ensure Work-in-kind credit is obtained.
- 5.3. Coordinate with pump station appurtenances suppliers to design 3 new pump stations.
- 5.4. Drill Pump Station Soil Borings
 - sub-contract with driller(s) to perform soil borings according to approved Drilling Plan
 - conduct soil borings at each proposed pump station location in accordance with the approved Drilling Plan.
 - provide drilling oversight and coordination, health and safety plans, and procurement
 - provide a qualified on-site drill rig monitor to supervise the work and log samples

Note:

All laboratory testing associated with pump station soil borings will be conducted by USACE, including determination of grain size at various aquifer depths and classification of soils; furthermore, USACE will be preparing the soil borings for use in Bentley gINT software. The aforementioned items are specifically excluded from the WSP scope of work.

- 5.5. Prepare complete civil construction drawings, to include:
 - limits of existing right-of-way
 - limits of new right-of-way
 - limits of temporary construction easements
 - limits of wetlands and limits of assumed wetland disturbance
 - aerial photo background
 - topographic information (existing contours and utilities)
 - new pump stations
 - gravity drain rehabilitation
 - appurtenant ditching, road relocation, etc.

5.6. Prepare complete specifications.

5.7. Prepare a construction cost estimate.

6. STAKEHOLDER COORDINATION

- 6.1. Meet with the Council as needed to present and discuss design progress.
- 6.2. Attend public meetings as needed to present design progress.
- 6.3. Attend meetings as needed with MESD to discuss design solutions.
- 6.4. Attend coordination meetings with the USACE as needed.

7. BID PHASE SERVICES

- 7.1. Provide bid procurement services for each bid package, to include:
- Advertisement
 - Pre-Bid Meeting
 - Respond to question regarding the clarity or intent of the contract documents.
 - Prepare and issue addenda.
 - Receive and open bids in public forum
- 7.2. Coordinate with construction management team to review bids and recommend contractor selection for each bid package.

AMENDMENT 1 – (03/11/2016)

51 Additional Borings

Perform up to 51 additional borings in accordance with the scope of work listed in Work Order 14, Attachment A. Includes Coordination with USACE, preparing exhibits, staking out points, field walk(s) with USACE, drilling, logging, and final survey of the “as-drilled” location”. Does not include lab work associated with the borings.

AMENDMENT 2 – (03/15/2017)

Removal of 45 Borings from Scope of Work

Remove Borings 16-MESD-1386 through 16-MESD-1430 from the original scope of work (45 Borings). Credit costs associated with drilling and drilling oversight.

Credit for Removal of 45 Borings = (\$420,000)

Terminal Railroad Association Right of Entry Agreement Costs

Costs associated with accessing property owned by Terminal Railroad Association (TRRA).

Amount for TRRA Right of Entry Agreements = \$50,000

AMENDMENT 3 – (08/16/2017)**Addition of 35 MESD Deep Cutoff Wall Borings to Scope of Work**

Add 35 Borings (including drilling, oversight & logging, lab work, railroad fees) to the original scope of work:

1. 16-MESDCW-101
2. 16-MESDCW-103
3. 16-MESDCW-105
4. 16-MESDCW-107
5. 16-MESDCW-109
6. 16-MESDCW-111
7. 16-MESDCW-111DMT
8. 16-MESDCW-113
9. 16-MESDCW-115
10. 16-MESDCW-116DMT
11. 16-MESDCW-117
12. 16-MESDCW-119
13. 16-MESDCW-121
14. 16-MESDCW-301
15. 16-MESDCW-303
16. 16-MESDCW-305
17. 16-MESDCW-309
18. 16-MESDCW-311
19. 16-MESDCW-311DMT
20. 16-MESDCW-313
21. 16-MESDCW-315
22. 16-MESDCW-316
23. 16-MESDCW-316DMT
24. 16-MESDCW-318
25. 16-MESDCW-320
26. 16-MESDCW-508
27. 16-MESDCW-513
28. 16-MESDCW-517
29. 16-MESDCW-518
30. 16-MESD-LS03
31. 16-MESD-LS05
32. 16-MESD-LS07
33. 16-MESD-LS09
34. 16-MESD-LS11
35. 16-MESD-LS13

Lab Work Associated with 35 MESD Deep Cutoff Wall Borings:

Perform necessary lab work associated with the 35 MESD deep cut off wall borings

Land Access & Railroad Fees:

Cost for obtaining right of entry agreements (fees), costs for required railroad flaggers during boring work, and labor to obtain all necessary site access.

AMENDMENT 4 – (05/16/2018)

Design and Bid Phase Services for Cahokia Relief Well Project:

Background: USACE designed a relief well and box culvert project titled “Underseepage Controls Sta 1207+00 to 1352+00” (the “Cahokia Relief Well Project”). Due to USACE funding limitations and the FPD Council’s desire to provide cost share as work-in-kind, the FPD Council, WSP, and USACE have agreed that the larger East St. Louis Flood Protection Project (The MESD Authorized Level Project) is best served if the FPD Council bids and constructs the Cahokia Relief Well Project. The FPD Council cannot issue USACE designs for bid; therefore, WSP will again serve as engineer of record and will review and complete the USACE design, then sign and seal the bid documents.

Services to be provided by WSP under this Work Order include 100% complete Construction Documents and associated Design Services in support of the design of the Cahokia Relief Well Project, which will be called “Southwestern Illinois Levee Authorized Level Design – Bid Package 18 – Cahokia Relief Wells”. Additional services to be provided by WSP under this Work Order include:

Task List:

1. Develop schedule.
2. Coordination with USACE throughout design and bidding.
3. Obtain the following items from USACE:
 - Recent/revised models and calculations
 - Recent survey work (none provided)
 - CAD Files/Line work (Microstation)
 - Electronic copies of plans and specs (SpecsIntact version to be included)
 - Records of meeting with utility companies
 - Copy of ATR report
 - Permits (none provided)
4. Implement process to track changes to USACE Plans and Specifications.
5. 100% Complete Construction Document Preparation
 - Prepare 100% complete and Issue for Bid construction drawings for the Cahokia Relief Well Project.
6. Prepare 100% complete and Issue for Bid project specifications for the Cahokia Relief Well Project.
7. Prepare 100% complete and Issue for Bid construction cost estimate for the Cahokia Relief Well Project.
8. Utility Coordination for Cahokia Relief Well Project.
 - Submit sealed construction drawings and required documentation for each bid package to affected utility companies for verification of public utility conflicts.

- Coordinate with affected utility companies for utility relocations.
 - Obtain estimated cost for utility company relocated facilities.
9. Permitting
- Submit sealed construction documents and required documentation for the Cahokia Relief Well Project to applicable regulatory agencies:
 - Coordinate with regulatory agencies, revise plans as required and pursue approvals.
 - Obtain estimated cost for utility company relocated facilities.
10. Bid Phase Services
- Provide bid procurement services for the Cahokia Relief Well Project, to include:
 - Advertisement
 - Pre-Bid Meeting
 - Respond to questions regarding the clarity or intent of the contract documents.
 - Prepare and issue addenda.
 - Receive and open bids in public forum.

AMENDMENT 5 – (03/20/2019)

Relief Well Flow Monitoring Services:

WSP will conduct flow monitoring on relief wells as needed to design the Design Deficiency Corrections for East St. Louis, Illinois Flood Protection Project (The MESD Authorized Level Project). WSP will use available funds in this work order to complete any necessary flow monitoring.

AMENDMENT 6 – (01/20/2021)

Bid Package 18A:

Design and USACE coordination associated with the project Bid Package 18A, which is anticipated to include replacement and modification to existing pump stations and collection system(s) in Cahokia, Illinois.

AMENDMENT 7 – (05/18/2022)

Additional Scope for Bid Packages 11:

Bid Package 11 was initially scoped and designed for relief well and collection pipe improvements between approximately levee stations 774+00 to 861+00 (8,700 feet). Shortly before the 65% design submittal, USACE requested that Bid Package 11 incorporate the relief well and collection pipe improvements between approximately 861+00 and 891+00 as well, which is an additional 3,000 feet of improvements. (\$300,000)

Additional Scope for Bid Packages 14B:

Bid Package 14 Initially included three relatively distinct areas of improvements along the MESD levee system:

1. the north flank seepage berms (45+60 to 255+90);
2. granite city area (821+00 to 863+00);
3. and the I-70 bridge area (961+00 to 977+00).

In mid-2017, after our 65% complete design drawings were submitted to USACE for review, they informed us that the north flank seepage berms should be removed from the scope and completed only if funding allowed after other, more critical, aspects of the design deficiency project were completed. Then, after our 95% complete design was submitted to USACE for review, they asked that we again separate the project and remove the I-70 bridge area from the scope, as it conflicted with the staging area for their cutoff wall project. The remaining Bid Package 14 project was only the granite city area; it was renamed Bid Package 14A and construction is now complete.

The I-70 bridge area is now a standalone project named Bid Package 14B. Similarly, the north flank seepage berms are a standalone project named Bid Package 14C, although whether this project will be constructed or not is still unknown at this time. Since Bid Package 14B is now a standalone project that is anticipated to be bid in late summer 2022, minor design and survey updates are needed due to the 3 years that have passed since the project underwent 95% design review. (\$43,000)

Bid Package 18/18A Relief Well Flow Monitoring:

Amendment 5 to this work order, approved in March 2019, added relief well flow monitoring to the scope of services, but did not include any increase in cost, as the cost was unknown at that time. This amendment adds the cost for that effort. (\$130,000)

(Note: \$32 was subtracted from the sub-total of \$473,000 to round off the total work order amount.)

AMENDMENT 8 – (05/17/2023)

Design of Bid Package 18A:

Bid Package 18A has been approved as a WIK project by USACE; therefore, final design can be started. Prior design efforts included preparation of the report which USACE reviewed to evaluate the necessity of the Bid Package 18A project. This amendment adds the preparation of construction documents, including survey, design reports, drawings, specifications, as well as all of the necessary coordination with stakeholders and vendors. USACE requested a Value Engineering (VE) Study as part of the Bid Package 18A design; therefore, costs for the VE workshop and report are included in this amendment. Subsurface borings are required at the new outfall locations for each pump station impacted; therefore, drilling, lab work, and report preparation are included. Finally, bid phase services are included in this amendment. The current construction cost estimate for Bid Package 18A is \$8.8M. The total estimate for design services is \$741,000; however, there is approximately \$247,000 remaining in this work order; therefore, **the amendment total is \$494,000.**

WORK ORDER 14 SUMMARY:

Total for Original Agreement	=\$5,972,432
Total for Amendment 1	=\$ 475,000
Total for Amendment 2	=(\$ 370,000)
Total for Amendment 3	=\$ 851,600
Total for Amendment 4	=\$ 245,000
Total for Amendment 5	=\$ 0
Total for Amendment 6	=\$ 221,000
Total for Amendment 7	=\$ 472,968
<u>Total for Amendment 8</u>	<u>=\$ 494,000</u>
Total for Work Order 14	=\$8,362,000



WORK ORDER NO: MSA01-WO16 – Amendment #3

Prairie du Pont / Fish Lake Authorized Level Field Investigation and Design

Issued Pursuant to Master Services Agreement Effective November 1, 2011
and Change of Name Notifications dated April 16, 2018 and September 23, 2022

By and Between

WSP USA Environment & Infrastructure Inc. (WSP)

and

Southwestern Illinois Flood Prevention District Council (CLIENT)

CLIENT Office:	<u>104 United Drive</u> <u>Collinsville, IL 62234</u>	WSP Project No:	<u>563170001</u>
CLIENT Contact:	<u>Charles Etwert</u>	Work Order Type: (Check One)	
WSP Office:	<u>15933 Clayton Road</u> <u>Suite 110</u> <u>Ballwin, MO 63011</u>	Time and Materials	<u>X</u>
		Fixed Price	<u> </u>
WSP Contact:	<u>Randy Cook Jr.</u>	CLIENT Reference No:	<u>n/a</u>

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

2. LOCATION/CLIENT FACILITY INVOLVED: Prairie du Pont Levee and Sanitary District, and Fish Lake Drainage and Levee District.

3. PERIOD OF PERFORMANCE: September 21, 2016 through December 31, 2025

4. ADDITIONAL AUTHORIZED FUNDING: \$298,000

Southwestern Illinois Flood Prevention District Council

WSP USA Environment & Infrastructure Inc.

By: _____
Date: _____
Name: Charles Etwert
Title: Chief Supervisor of Construction and the Works
Address: 104 United Drive
Collinsville, IL 62234

By: _____
Date: _____
Name: Jon Omvig
Title: Senior Vice President
Address: 15933 Clayton Road Suite 110
Ballwin, MO 63011



**Attachment A
Scope of Work**

**WORK ORDER NO: MSA01-WO16
Prairie du Pont / Fish Lake Authorized Level Field Investigation and Design**

Amendment #3

WSP's services will include review of the specific Authorized Level improvements identified, herein referred to as Phase I, by the U.S. Army Corps of Engineers (USACE) in the *Limited Reevaluation Report for Design Deficiency Corrections, East St. Louis, Illinois Flood Protection Project, Prairie du Pont and Fish Lake Flood Risk Reduction Project, St. Clair and Monroe Counties, Illinois*, dated August, 2011 (2011 LRR). The 2011 LRR has since been supplemented with three memoranda that supersede their respective reaches in the 2011 LRR. Each memo discusses specific reaches (decision segments), although it is important to note that the supplemental memoranda do not cover the entire Prairie du Pont (PdP) and Fish Lake (FL) levee systems. The three memoranda provided (dated 3/15/2016, 4/11/2016, and 6/16/2016) only analyze reaches where the FPD Council either constructed seepage berms or did not construct *any* improvements as part of its FEMA certification design projects.

WSP's services include an analysis to estimate underseepage gradients at the authorized level flood and evaluations of relief well and seepage berm solutions to mitigate the problems and provide the level of protection indicated and/or desired by USACE. For relief well solutions, after appropriate evaluations to select the spacing, discharge elevations, and predicted flows, WSP will design the relief wells based on pilot hole drilling. For seepage berm solutions, berm dimensions will be provided after appropriate analyses.

Services to be provided by WSP under this Work Order include complete Construction Documents and associated Design Services in support of the design and construction of levee improvements identified in the Prairie du Pont/Fish Lake Authorized Level Project Summary Report – Phase I, prepared for the FPD Council, dated August 12, 2016. Services to be provided by WSP under this Work Order include:

1. PREPARE DRILLING PLAN

- 1.1. Prepare narrative plan describing purpose, procedures and method.
- 1.2. Prepare exhibits (maps and table of proposed borings)
- 1.3. Coordinate with drilling sub-contractor for information needed for drilling plan, and coordinate with USACE for submittal and review of plan.

2. EVALUATIONS

- 2.1. Meet with USACE to discuss and affirm design criteria.
- 2.2. Collect and review piezometer data from recent flood event and use available information in BP-15 area to check hydraulic grade lines and entry point assumptions.

- 2.3. Review and update geologic, historic, flood fight, and geotechnical information.
- 2.4. Update topography and design reach cross sections with new LIDAR.
- 2.5. Prepare authorized level leaky blanket sheet to reflect new LIDAR and FEMA borings, update design reach cross sections, identify problem areas and compare to USACE memo; delineate design reaches.
- 2.6. Conduct Seep/W analyses for selected design reaches.
- 2.7. Select solutions for each design reach; design spacing, location, discharge elevation and flow for relief wells; design height and length for berms.
- 2.8. Conduct progress meeting with USACE.

3. **LAND SURVEYS**

- 3.1. Prepare land-based topographic surveys to locate limits of physical features, ground elevations and improvements to supplement aerial photos and Lidar survey data.
- 3.2. Prepare boundary surveys for those properties that will require fee simple ROW acquisition, to include:
 - obtain a title commitment (in anticipation of the purchase of title insurance)
 - prepare a property boundary survey meeting the minimum standards of an “Urban Class Boundary Survey” or ALTA/ASCM land title survey.
- 3.3. Prepare strip map surveys for those properties that will require an easement for ROW acquisition, to include:
 - obtain an informational title commitment (no title insurance)
 - prepare a property boundary survey meeting the minimum standards of an “Urban Class Boundary Survey” or ALTA/ASCM land title survey.
- 3.4. Prepare permanent easement and temporary construction easement (TCE) acquisition documents, to include:
 - recordable exhibit
 - legal description
 - permanent easement language
 - TCE language
 - calculate area to be acquired.

4. **SEEPAGE BERM SOLUTIONS**

- 4.1. The design solutions proposed by the St. Louis District will be reviewed in conjunction with the other planned underseepage design analyses, and evaluated to provide a constructible and efficient approach.
- 4.2. Prepare utility relocation construction documents for non-utility company relocated utilities, to include:
 - construction drawings

- specifications
 - construction cost estimate
- 4.3. Coordinate utility relocations for utility company relocated utilities, to include:
- coordinate conflict resolution.
 - coordinate schedule.
 - coordinate relocation cost.
- 4.4. Drill Seepage Berm Soil Borings:
- sub-contract with driller(s) to perform soil borings according to approved Drilling Plan prepared by WSP in conjunction with USACE.
 - conduct soil borings at each proposed seepage berm location in accordance with the approved Drilling Plan (one boring to a depth of 50 feet is planned for each berm reach)
 - provide drilling oversight and coordination, health and safety plans, and provide a qualified on-site drill rig monitor to supervise the work and log samples.
 - conduct soil laboratory tests as appropriate for design.
 - prepare gINT boring logs containing classifications and test results.
 - Compare stratigraphy with design assumptions.
- 4.5. Prepare complete seepage berm construction drawings, to include:
- limits of existing right-of-way
 - limits of new right-of-way
 - limits of temporary construction easements
 - limits of wetlands and limits of assumed wetland disturbance.
 - aerial photo background
 - topographic information (existing contours and utilities)
 - length, width, depth and location of seepage berms
 - appurtenant ditching, road relocation, etc.
- 4.6. Prepare complete seepage berm specifications.
- 4.7. Prepare a construction cost estimate.
- 4.8. Prepare Hydrologic and Hydraulic (H&H) modeling for interior drainage impacts associated with design improvements for submittal to regulatory agencies as needed.

5. **RELIEF WELL SOLUTIONS**

- 5.1. Compare pilot hole borings with stratigraphy on which spacing and location of wells were based, and make necessary revisions (if any)
- 5.2. Prepare individual design for each relief well; submit to USACE for review.
- 5.3. Prepare complete utility relocation construction documents, to include:
- construction drawings
 - specifications
 - construction cost estimate

- 5.4. Prepare complete utility relocation construction documents for non-utility company relocated utilities, to include:
 - construction drawings
 - specifications
 - construction cost estimate

- 5.5. Coordinate utility relocations for utility company relocated utilities, to include:
 - coordinate conflict resolution.
 - coordinate schedule.
 - coordinate relocation cost.

- 5.6. Drill Pilot Holes
 - sub-contract with driller(s) to perform pilot holes according to approved Drilling Plan prepared by WSP in conjunction with USACE.
 - conduct a pilot hole at each proposed relief well location that does not already have an associated pilot hole.
 - each pilot hole will be an SPT soil boring to a depth approximately 10 feet below the estimated bottom of the new relief well.
 - provide drilling oversight and coordination, health and safety plans, and procurement.
 - provide a qualified on-site drill rig monitor to supervise the work and log samples.
 - conduct soil laboratory tests as appropriate for design.
 - prepare gINT boring logs containing classifications and test results.

- 5.7. Prepare complete relief well construction drawings, to include:
 - limits of existing right-of-way
 - limits of new right-of-way
 - limits of temporary construction easements
 - limits of wetlands and limits of assumed wetland disturbance.
 - aerial photo background
 - topographic information (existing contours and utilities)
 - existing relief wells to be abandoned.
 - existing relief wells to be rehabilitated.
 - existing relief wells to be rehabilitated and converted from D type to T type.
 - new D type and new T type relief wells
 - appurtenant relief well discharge ditching, conveyance, storage, etc.

- 5.8. Prepare specification for abandonment of unneeded or deficient relief wells.

- 5.9. Prepare specification for installation of new relief wells.

- 5.10. Prepare a construction cost estimate.

6. **GENERAL CIVIL IMPROVEMENTS (CONVEYANCE SYSTEMS & ROADS)**

- 6.1. Prepare complete civil construction drawings, to include:
 - limits of existing right-of-way

- limits of new right-of-way
- limits of temporary construction easements
- aerial photo background as necessary
- topographic information (existing contours and utilities)
- appurtenant ditching, road relocation, etc.

6.2. Prepare complete specifications.

6.3. Prepare a construction cost estimate.

7. **408 SUBMITTAL**

7.1. Conduct pre-coordination meetings and submittals with USACE as needed to facilitate a streamlined formal Section 408 review process.

7.2. Prepare USACE Section 408 Request in accordance with the current applicable guidance.

7.3. Prepare Geotechnical Design Report

7.4. Review Dr. Checks/Projnet comments and respond in writing.

7.5. Revise specifications to address USACE questions.

7.6. Revise procurement documents to address USACE questions.

7.7. Revise plans to address USACE questions.

8. **STAKEHOLDER COORDINATION**

8.1. Meet with the Council as needed to present and discuss design progress.

8.2. Attend public meetings as needed to present design progress.

8.3. Attend meetings, and engage with, personnel from the Prairie du Pont Levee and Sanitary District to discuss and obtain feedback on design solutions.

9. **BID PHASE SERVICES**

9.1. Provide bid procurement services for each bid package, to include:

- Advertisement
- Pre-Bid Meeting
- Respond to question regarding the clarity or intent of the contract documents.
- Prepare and issue addenda.
- Receive and open bids in public forum.

9.2. Coordinate with construction management team to review bids and recommend contractor selection for each bid package.

10. **KEY ASSUMPTIONS**

- 10.1. No value engineering report is required.
- 10.2. Key design criteria are accepted or stipulated by USACE prior to design.
- 10.3. One 50' or two 25' borings are sufficient to define berm stratigraphy in each design reach.
- 10.4. No contaminated cuttings or water is produced from soil borings.

AMENDMENT 1 – (09/20/2017)

In addition to the initial scope of work per Work Order 16, WSP's services for Amendment #1 include review of underseepage designs provided by USACE, subsurface investigation and lab analyses associated with Phase II solutions, stakeholder coordination, topographic and strip map survey, engineering design, environmental permitting, preparation of construction documents (construction drawings and specifications), preparation of Section 408 requests, and bid phase services for improvements outlined in the Prairie du Pont/Fish Lake Authorized Level Project Summary Report, Dated August 16, 2017, and accepted by the Southwestern Illinois Flood Prevention District Council on August 16, 2017.

Phase II Drilling & Design

Perform up to 148 additional borings and design of underseepage solutions in accordance with the scope of work listed in Work Order 16, Attachment A, as amended herein.

Amount for additional Field Activities, Design and Permitting = \$2,981,000

AMENDMENT 2 – (01/20/2021)

Schedule change.

AMENDMENT 3 – (05/17/2023)

Environmental permitting associated with Bid Packages 15, 16, and 17. When this project was scoped in 2016 (Original Work Order Authorization) and 2017 (Amendment 1), there was an understanding that the PdP/FL Authorized Level work by the FPD Council would need little to no permitting effort, as USACE had already completed the environmental due diligence work as part of their 2011 Limited Reevaluation Report (LRR). Recently, USACE has informed the FPD Council and WSP that the old USACE permitting effort is no longer able to be used and the FPD Council will need to prepare a new Draft Environmental Assessment, Joint Permit Application, and obtain new Section 106 (cultural) clearance. Additionally, since a new Section 404 Permit will be necessary, coordination with the Illinois EPA will be required again for a Section 401 permit from the State of Illinois. The estimate for this additional effort, sampling, testing, and field work is \$298,000.

WORK ORDER 16 SUMMARY:

Total for Original Agreement	= \$3,486,000
Total for Amendment #1	= \$2,981,000
Total for Amendment #2	= N/A
<u>Total for Amendment #3</u>	<u>= \$ 298,000</u>

Total for Work Order 16 **= \$6,765,000**



WORK ORDER NO: MSA01-WO20 – Amendment #3

CONSTRUCTION PHASE SERVICES

Issued Pursuant to Master Services Agreement Effective November 1, 2011
and Change of Name Notifications dated April 16, 2018 and September 23, 2022

By and Between

WSP USA Environment & Infrastructure Inc. (WSP)

and

Southwestern Illinois Flood Prevention District Council (CLIENT)

CLIENT Office:	<u>104 United Drive</u> <u>Collinsville, IL 62234</u>	WSP Project No:	<u>563170001</u>
CLIENT Contact:	<u>Charles Etwert</u>	Work Order Type: (Check One)	
WSP Office:	<u>15933 Clayton Road</u> <u>Suite 110</u> <u>Ballwin, MO 63011</u>	Time and Materials	<u>X</u>
		Fixed Price	<u> </u>
WSP Contact:	<u>Randy Cook Jr.</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 Levee and Sanitary District, and Fish Lake Drainage and Levee District.
3. PERIOD OF PERFORMANCE: December 18, 2019 through December 31, 2024
4. ADDITIONAL AUTHORIZED FUNDING: \$77,000

Southwestern Illinois Flood Prevention District Council

WSP USA Environment & Infrastructure Inc.

By: _____
Date: _____
Name: Charles Etwert
Title: Chief Supervisor of Construction and the Works
Address: 104 United Drive
Collinsville, IL 62234

By: _____
Date: _____
Name: Jon Omvig
Title: Senior Vice President
Address: 15933 Clayton Road, Suite 110
Ballwin, MO 63011



**Attachment A
Scope of Work**

**WORK ORDER NO: MSA01-WO20
Program Management Services**

Amendment #3

I. Services Provided by the Engineer (WSP) during the Construction Phase

- A. Upon successful completion of the Bidding and Negotiating Phase, and upon written authorization from Owner, Engineer shall:
1. Conduct general administration of construction contracts: Consult with owner and act as owner's representative as provided in the construction contract.
 2. Act as Resident Project Representative (RPR): Provide the services of an RPR at the Site to assist the Engineer and to provide observation of Contractor's work.
 3. Provide management of independent testing laboratory: Select an independent testing laboratory to perform Quality Assurance (QA) testing as required. Manage all QA testing and documentation thereof.
 4. Conduct pre-construction conferences: Conduct pre-construction conferences prior to commencement of major portions of work at the site.
 5. Manage construction schedules: Receive, review, and determine the acceptability of any and all schedules that Contractor is required to submit to Engineer, including the Progress Schedule, Schedule of Submittals, and Schedule of Values.
 6. Establish baselines and benchmarks: As appropriate, establish baselines and benchmarks for locating the work which in engineer's judgment are necessary to enable contractor to proceed.
 7. Perform construction site visits: Make visits to the site at intervals appropriate to the various stages of construction, as engineer deems necessary.
 - a. Address defective work: Reject work if, on the basis of engineer's observations, engineer believes that such work (a) is defective under the standards set forth in the contract documents, (b) will not produce a completed project that conforms to the contract documents, or (c) will imperil the integrity of the design concept of the completed project as a functioning whole as indicated by the contract documents.
 8. Issue clarifications and interpretations: Issue necessary clarifications and interpretations of the contract documents as appropriate to the orderly completion of Contractor's work.

9. Issue change orders and work change directives: Recommend change orders and work change directives to owner, as appropriate, and prepare change orders and work change directives as required.
10. Review submittals: Review, approve or take other appropriate action in respect to shop drawings, work plans, product data and samples and other data which contractor is required to submit, for conformance the Contract Documents.
11. Review substitutes and "or-equal": Evaluate and determine the acceptability of substitute or "or-equal" materials and equipment proposed by contractor as required.
12. Manage inspections and tests: Require such special inspections or tests of contractor's work as deemed reasonably necessary, and receive and review all certificates of inspections, tests, and approvals required by Laws and Regulations or the Contract Documents.
13. Participation in disagreements between owner and contractor: Render formal written decisions on all duly submitted issues relating to the acceptability of contractor's work or the interpretation of the requirements of the contract documents pertaining to the execution, performance, or progress of contractor's work; review each duly submitted claim by owner or contractor, and in writing either deny such claim in whole or in part, approve such claim, or decline to resolve such claim if engineer in its discretion concludes that to do so would be inappropriate. In rendering such decisions, engineer shall be fair and not show partiality to owner or contractor and shall not be liable in connection with any decision rendered in good faith in such capacity.
14. Review applications for payment: After receipt of each application for payment, review said application and recommend the amount that contractor shall be paid. Such recommendations of payment shall be in writing and will constitute engineer's representation to owner, based on such observations and review, to the best of the engineer's knowledge. In the case of unit price work, engineer's recommendations of payment will include final determinations of quantities and classifications of contractor's work (subject to any subsequent adjustments allowed by the contract documents).
15. Review contractor's completion documents: Receive, review, and transmit to owner maintenance and operating instructions, schedules, guarantees, bonds, certificates or other evidence of insurance required by the contract documents, certificates of inspection, tests and approvals, shop drawings, samples and other data approved as provided above, and transmit the annotated record documents which are to be assembled by contractor in accordance with the contract documents to obtain final payment.
16. Address substantial completion: Promptly after notice from contractor that contractor considers the entire work ready for its intended use, in company with owner,

contractor, and any other applicable stakeholders, visit the project to determine if the work is substantially complete. If after considering any objections of owner, and other stakeholders, engineer considers the work substantially complete, engineer shall deliver a certificate of substantial completion to owner and contractor.

17. Issue final notice of acceptability of the work: Conduct a final visit to the Project to determine if the completed Work of Contractor is acceptable so that Engineer may recommend, in writing, final payment to Contractor.
18. Perform flood monitoring: During times when work is pending shut down due to river level restrictions, engineer shall routinely observe the site for damage as a result of river stage on an uncompleted project and take steps to notify appropriate parties when concerns arise.
19. Coordinate with stakeholders: Hold and/or participate in meetings as necessary with project stakeholders such as levee district personnel, members of the public, residents, businesses, and utility companies.
20. Provide construction job trailer(s): Construction trailer(s) will be provided by the engineer near each project site to facilitate daily observations and inspections.

B. The bid packages covered by this work order are:

1. Bid Package 11
2. Bid Package 14A
3. Bid Package 18

AMENDMENT 2 – (08/17/2022)

Additional Scope for Bid Packages 11, 14A, and 18:

This amendment adds construction management scope for Bid Package 11. Additionally, extra effort was needed to address an unknown utility on Bid Package 14A (now completed) and several unforeseen conditions during the construction of Bid Package 18 (now completed).

AMENDMENT 3 – (05/17/2023)

Additional Scope for Bid Packages 08:

This amendment adds construction management scope for Bid Package 08. Although USACE is constructing Bid Package 08; WSP designed the project and has been requested to provide input on certain matters over the course of construction. WSP has performed relief well construction oversight, coordination with stakeholders for utility conflicts, and routine review of RFIs and construction submittals as requested by USACE. Future work is anticipated to include



response to RFIs, construction submittal review, and routine coordination with USACE during construction. The estimated cost for this amendment is \$77,000.

WORK ORDER 20 SUMMARY:

Total for Original Agreement	= \$2,500,000.00
Total for Amendment #1	= N/A
Total for Amendment #2	= \$ 740,000.00
Total for Amendment #3	= \$ 77,000.00

Total for Work Order 20 = \$3,317,000.00



Memo to: Board of Directors
From: Chuck Ewert
Subject: Release of Executive Session Minutes
Date: May 15, 2023

Pursuant to the Open Meeting Act section 5ILCS 120/2.06(d), it is the policy of the Board of Directors of the Southwestern Illinois Flood Prevention District Council to semi-annually review the minutes of all closed meeting and acknowledge (1) if the need for confidentiality still exists as to all or part of the minutes or (2) that the minutes or portions thereof no longer require confidential treatment and are available for public inspection.

At the December 2017 Board meeting, the Board established a revised schedule of reviewing and releasing minutes no longer requiring confidentiality in May and November of each calendar year.

You have been previously provided the executive session minutes of January 18, 2023, which no longer require confidential treatment. A Public Statement identifying the minutes of January 18, 2023 can be released and those meeting minutes that must remain confidential is attached.

All minutes released will be available for public inspection at the Council's office.

Recommendation:

Accept the Public Statement identifying minutes that can be released and those that must remain confidential.



PUBLIC STATEMENT

Pursuant to 5ILCS 120/2.06(d), the Board of Directors of the Southwestern Illinois Flood Prevention District Council reviewed the subject matter and discussion of the following meetings and now report in open session that the minutes of these meetings no longer require confidential treatment and are available for public inspection at the Council's office:

January 18, 2023

Furthermore, the need for confidentiality still exists as to all or part of the following meeting minutes:

February 18, 2015*	July 20, 2016*	March 15, 2017
March 18, 2015*	August 17, 2016*	May 17, 2017
April 15, 2015*	September 21, 2016*	March 15, 2017
May 20, 2015*	October 14, 2016*	December 20, 2017
June 17, 2015*	September 21, 2016*	May 15, 2019
November 18, 2015*	October 14, 2016*	July 17, 2019
February 17, 2016*	November 16, 2016*	August 21, 2019
June 15, 2016*	December 21, 2016*	August 19, 2020
		September 16, 2020

* The necessity of keeping some information closed still exists, meeting minutes with redactions were released June 21, 2017



Memo to: Board of Directors
From: Chuck Ewert
Subject: Corps of Engineers Update
Date: May 15, 2023

Attached is Hal Graef's Corps of Engineers Update, which Hal will present at the meeting.

Recommendation: Accept the May Corps of Engineers Update by Hal Graef.

METRO EAST LEVEE SYSTEM PROGRAM UPDATE

Hal Graef
May 17, 2023



US Army Corps of Engineers



MEL PRICE SEGMENT OF UPPER WOOD RIVER



Feature/Task	Description	Estimated Date	Actual Date	Notes
Reach 1 Relief Well contract	4 existing Relief Wells; 55 new Relief Wells		Awarded 3Jun21	<ul style="list-style-type: none"> All wells installed Punch list items being addressed
Reach 2 Relief Well contract	16 existing Relief Wells; 25 new Relief Wells		Awarded 8Aug22	<ul style="list-style-type: none"> RW installation and development Collector channel and piezometer installation
Complete Mitigation		FY23		<ul style="list-style-type: none"> Mitigation credit purchase is complete. Will coordinate with USFWS and IDNR to review/document the mitigation requirements. Anticipate late summer 2023.
OMRR&R Payment to WRDLD	Compensation to LD to offset additional O&M expenses	Late FY24 or early FY25		<ul style="list-style-type: none"> Payment pending sufficient funds following completion of all construction and mitigation work. Possible use of project funds for Interim Operating Plan (IOP)
Project Close Out	All documents archived; financial close out			



WOOD RIVER



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Feature/Task	Description	Estimated Date	Actual Date	Notes
Bid Package 8 contract	1 Pump Station/22 Relief Wells		Awarded 4Nov21	<ul style="list-style-type: none"> Pump Station – removed and plugged dewatering wells, installing precast box culverts; next is to start paved ditch Force Main Pipe – all pipe installed and backfilled
Relief Well #1 contract	24 Relief Wells		Awarded 2Dec21	<ul style="list-style-type: none"> All wells installed and tested
Pump Stations contract	PS #2 and #3 along Canal Rd		Awarded 28Sep22	<ul style="list-style-type: none"> Temporary shoring installed Next is to excavate inside the shoring and start forming base slab
Relief Well #2/Ditch Work contract	55 Relief Wells plus ditch work to convey the water to the WR PS	TBD		<ul style="list-style-type: none"> FPD/WRDL "Alt Ditch" letter of 16Feb23 urges USACE to reconsider 19Dec22 betterment determination and questions the feasibility of the original plan All technical USACE work is paused pending resolution
Relief Well #3 contract	30 Relief Wells	TBD		<ul style="list-style-type: none"> Awaiting ROW Certification and additional funding
Pump Station Modification contract	Mods to WR and Hawthorne PSs	TBD		<ul style="list-style-type: none"> Insufficient funds to award contract this FY No FY23 PresBud or Work Plan funds received
Berm	Vice PS/RW at Roxana	TBD		<ul style="list-style-type: none"> FPD requested to design/construct via WIK Engineering Documentation Report (EDR) completed 13Feb23
Mitigation	For BP-8 (maybe berm)			<ul style="list-style-type: none"> Plan is to purchase credits when berm is at 65% level of design
WIK #2	For BP-8 design, other			<ul style="list-style-type: none"> Revised submittal received Jan23 for multiple activities last 7 yrs
Total Project Cost	Update to TPC		12Dec22	<ul style="list-style-type: none"> \$107,471,000 (Dec 2022); \$85,290,000 (Oct 2018) Change Control Board to seek Agency decision completed 27Mar



EAST ST. LOUIS



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Feature/Task	Description	Est. Date	Actual Date	Notes
Cutoff Wall/Jet Grout	MESD Stations 973+00 to 1020+00		Awarded 14Nov19	<ul style="list-style-type: none"> Construction complete October 2022; Final completion and final payment issued March 2023; Final closeout procedures ongoing
BP-12 Ph1	106 D-Type Relief Wells		Awarded 26Aug21	<ul style="list-style-type: none"> Well installation and punchlist items complete; pump testing of 36 RWs delayed due to low river levels USACE received request for materials surcharge – HQ to decide
BP-12 Ph2	43 T-Type Relief Wells (Ph2 and Ph3)	Award: 4 th Qtr FY25		<ul style="list-style-type: none"> Approx. 65% design, with A/E design firm HDR continuing progress on railway shoring design for collector system In coordination with IDOT, TRRA, Veolia, Alton-Southern.
BP-14C	North Flank Berms	Eliminated from Scope		<ul style="list-style-type: none"> Review of previous risk assessment indicates the North Flank Berms are not required for the authorized level of protection. Design and construction will not be completed.
LERRDs*	Land, Easements, ROW, Relocations and Disposal			<ul style="list-style-type: none"> Request No. 1 received 02Jun22 Response from Lynn Hoerner (USACE) sent on 02FEB23
WIK Credit Requests	BP-14A and 18			<ul style="list-style-type: none"> Additional information for requests No. 3-6 received 07Dec22, currently being reviewed
WIK BP-11*	Relief Wells			<ul style="list-style-type: none"> USACE coordination with WSP/Keller during construction
WIK BP 18A*	Phillips Reach PS			<ul style="list-style-type: none"> USACE has reviewed flow study and concurs additional capacity is needed
BP14B	Filter Blanket	TBD		<ul style="list-style-type: none"> With inclusion of BP18A, USACE may need to construct 14B to avoid excess WIK costs
Total Project Cost	Update to TPC			<ul style="list-style-type: none"> Recent scope changes (BP14C, BP18A), update is still ongoing

*Recommend WIK/LERRDs credit requests be submitted at regular intervals, vice waiting to the end of the project.



PRAIRIE du PONT AND FISH LAKE



Feature/Task	Description	Estimated Date	Actual Date	Notes
Bid Package 15 coordination	Pump Station and underseepage controls	TBD		<ul style="list-style-type: none">• Continue coordination with WSP on BP-15; complete with 30% design and review• Reference 2017 Contributed Funds Agreement (BP-15)• USACE received WSP's revised design schedule<ul style="list-style-type: none">• 65% submittal scheduled for 19 June• 95% submittal scheduled for 30 Aug
Future Bid Package coordination		TBD		<ul style="list-style-type: none">• Anticipate future Contributed Funds Agreement for each BP
Environmental Assessment	Supplemental EA	TBD		<ul style="list-style-type: none">• The applicant is to submit a revised/supplemental/updated EA for the entire project on the modified design (at least 65% design or greater)• May need to have the area surveyed for T&E species, HTRW and/or Cultural Resources• Need to specify source of borrow material• Supp EA to be reviewed within the Section 408 program• USACE has received recent WSP request for USACE to take the lead on Section 106 Coordination with SHPO and tribes• WSP Archeologist has confirmed that recommendations of the 2009 Ph 1 survey had not been implemented. Ten archaeological sites had been recommended for a Ph 2 investigation as well as additional studies for a number of historic structures.• WSP to notify USACE of their planned course of action.