Region 2 Lower Red-Sulphur-Cypress Regional Flood Planning Group Meeting

March 2, 2023 2:00 pm

at

Northeast Texas Community College Community Room - (Hum 101), 2886 FM 1735, Chapel Hill Road, Mount Pleasant, TX 75455

OI

Via teleconference/webinar Use the following information to register for the meeting:

https://us06web.zoom.us/meeting/register/tZcpdO-gqzMuGNKTRwWBxO 0sE395PW4c1pd after registering, you will receive a confirmation email containing information about joining the meeting.

If you experience issues while registering or do not have access to a computer, please contact Paul Prange no less than two (2) workdays prior to the meeting at 903.255.3519 or pprange@atcog.org.

Agenda:

- 1. Call to Order
- 2. Welcome
- 3. Confirmation of attendees / determination of guorum
- 4. Public Comments limit 3 minutes per person
- 5. *Consider approval of minutes for the meeting held on December 15, 2022
- 6. *Consider approval of Invoices submitted by Halff Associates, Inc. and the Ark-Tex Council of Governments
- 7. *Discuss and Consider nominations for election of Region 2 RFPG Officers to include Chair, Vice Chair, Secretary, and Executive Committee per Article XII, Section 3 of the Bylaws

Presentations

- 8. Texas Water Development Board Update
- 9. Region 1 Canadian-Upper Red Regional Flood Planning Group Update

<u>Technical Consultant Update</u>

- 10. Technical Presentation by Halff Associates, Inc.
 - Update of RFPG Submittal
 - Task 12 Update
 - Schedule

Other Business

- 11. Update from Planning Group Sponsor
- 12. Consider date and agenda items for next meeting
- 13. Adjourn

^{*}Denotes Action Items

If you wish to provide written comments prior to or after the meeting, please email your comments to pprange@atcog.org and include "Region 2 RFPG Meeting" in the subject line of the email – OR – you may mail your comments to Region 2 RFPG, c/o ATCOG – Paul Prange, 4808 Elizabeth St, Texarkana, TX 75503.

If you wish to provide oral public comments at the meeting, please submit a request via email to pprange@atcog.org, include "Region 2 RFPG Meeting Public Comment Request" at least 2 hours prior to the meeting, and follow the registration instructions at top of page 1 of the Agenda.

Additional information may be obtained from: www.texasfloodregion2.org, or by contacting Paul Prange at pprange@atcog.org, 903-832-8636, -or- Region 2 RFPG, c/o ATCOG, 4808 Elizabeth St, Texarkana, TX 75503

All meeting agendas and notices will be posted on our website at www.texasfloodregion2.org. If you wish to be notified electronically of RFPG activities, please submit a request to pprange@atcog.org, include "Request for notification of Region 2 RFPG activities". This request will be honored via email only unless reasonable accommodations are needed.

Meeting Minutes

Region 2 Lower Red-Sulphur-Cypress Flood Planning Group Meeting December 15, 2022 2:00 p.m.

at

Northeast Texas Community College, Community Room – (Hum 101), 2886 FM 1735, Chapel Hill Road, Mount Pleasant, TX 75455 and Via Zoom Webinar/Teleconference

Roll Call:

| Voting Member | Interest Category | Present (x) /Absent () / Alternate Present (*) |
|--------------------------|-------------------------------|--|
| Preston Ingram (William) | Agricultural interests | X |
| Andy Endsley | Counties | X |
| W. Greg Carter | Electric generating utilities | X |
| Laura-Ashley Overdyke | Environmental interests | X |
| | | |
| Casey Johnson | Industries | X |
| Dustin Henslee | Municipalities | X |
| Troy Hudson | Public | |
| R. Reeves Hayter | River authorities | X |
| Kelly Mitchell | Small business | X |
| David Weidman | Water districts | X |
| Susan Whitfield | Water utilities | X |

| Non-voting Member | Agency | <pre>Present(x)/Absent()/ Alternate Present (*)</pre> |
|---------------------|--|---|
| James (Clay) Shipes | Texas Parks and Wildlife Department | |
| Andrea Sanders | Texas Division of Emergency Management | Х |
| Darrell Dean | Texas Department of Agriculture | |
| Tony Resendez | Texas State Soil and Water Conservation Board | X |
| Trey Bahm | General Land Office | |
| Anita Machiavello | Texas Water Development Board (TWDB) | Х |
| Michelle Havelka | Texas Commission on Environmental | Х |
| | Quality | |
| Lisa M. Mairs | USACE, Galveston District | |
| Travis Wilsey | USACE, Tulsa District | |
| Randy Whiteman | RFPG 1 Liaison | |
| Richard Brontoli | Red River Valley Association | Х |
| Jason Dupree | TxDOT – Atlanta District | X |
| Dan Perry | TxDOT – Paris District | |

Quorum:

Quorum: Yes

Number of voting members or alternates representing voting members present: 10

Number required for quorum per current voting membership of 10: 6

Other Meeting Attendees: **

Kathy McCollum - ATCOG
Paul Prange – ATCOG
Joshua McClure – Halff Associates Team
David Rivera – Halff Associates Team
James Bronikowski – TWDB
Chris Hartung - SRBA

**Meeting attendee names were gathered from those who entered information for joining the Zoom meeting.

All meeting materials are available for the public at:

http://www.twdb.texas.gov/flood/planning/regions/schedule.asp.

AGENDA ITEM NO. 1: Call to Order

Reeves Hayter called the meeting to order at 2:04 p.m.

AGENDA ITEM NO. 2: Welcome

Reeves Hayter welcomed members and attendees to the Region 2 Lower Red-Sulphur-Cypress Flood Planning Group meeting.

AGENDA ITEM NO. 3: Confirmation of attendees / determination of a quorum

Reeves Hayter asked ATCOG staff member, Paul Prange, to conduct a roll call of attendees. Each present voting and non-voting member of the Region 2 Lower Red-Sulphur-Cypress RFPG introduced themselves, establishing that a quorum had been met. Ten voting members were present along with six non-voting members.

AGENDA ITEM NO. 4: Public comments – limit 3 minutes per person

Reeves Hayter opened the floor for public comments. No public comments were received.

AGENDA ITEM NO. 5: *Consider approval of minutes for the meetings held Thursday, November 3, 2022

Reeves Hayter opened the floor for discussion and approval of the minutes from the previous meetings. A motion was made by Andy Endsley and was seconded by Greg Carter to approve the minutes as presented. The motion carried unanimously.

PRESENTATIONS

AGENDA ITEM NO. 6: Texas Water Development Board Update:

Reeves Hayter turned the floor over to Anita Machiavello, who announced that the TWDB provided an email to the group regarding Task 12 guidance and encouraged everyone to review it. Ms. Machiavello also stated that TDDB sent out submission requirements for the regional flood plan on December 6, 2022 and mentioned that bylaws require a 30 day notice for officer elections. This notice is intended for the planning group members, not the general public, and can be submitted via email.

AGENDA ITEM NO. 7: Region 1 Canadian-Upper Red Regional Flood Planning Group Updates:

Reeves Hayter asked for any updates relating to Region 1 flood planning activities. Region 1 liaison, Randy Whiteman, was not present so Joshua McClure and David Rivera announced that Region 1 met on December 7, 2022 and approved their final flood plan. Region 1 continues to discuss Task 12, as well, and 3 FMEs will be elevated to FMP status. Reeves Hayter asked if any conflicts have arisen between Region 1 and 2. Mr. Rivera stated that there are some overlaps with the Trinity Region and these issues will be updated and addressed in the amended flood plan as coordination continues between regions. The primary concern relates to cost estimates and preventing double-counting of FMXs. Mr. Hayter asked if it would be beneficial in the second round of flood planning to designate liaisons with the Trinity and Sabine Regions and Mr. McClure stated that it would be helpful, especially if the regions are not utilizing the same groups of consultants.

TECHNICAL CONSULTANT UPDATE

AGENDA ITEM NO. 8: Technical Presentation by Halff Associates, Inc.

- Final Regional Flood Plan (RFP) The draft of the Final RFP, including text, tables, and figures, is available here Final RFP Files.zip. In the Word documents we have left tracked changes enabled. This will allow the RFPG and the public to focus their review only on items that changes since the Draft Regional Flood Plan was submitted in August. The appendices also changed as follows: Maps were updated to reflect final data and cosmetic changes requested by TWDB; tables were updated to reflect the final FMXs; and a new appendix was included that covers public comments.
 - I. Present
 - II. Discuss comments
 - III. *Consider adoption for submission of Final Regional Flood Plan to TWDB before January 10, 2023.
- Task 12 Conduct FME status update.
- Schedule

Reeves Hayter turned the floor over to Joshua McClure who discussed the agenda for the meeting which included: Task 12 Update; Summary of Final RFP; Discussion of Changes; Comments; Consider adoption of the Regional Flood Plan for submittal to TWDB; and the upcoming Schedule of deliverables. Mr. McClure began discussion of the Task 12 table which included the FMEs that were selected by the flood planning group for inclusion in the Regional Flood Plan. Mr. McClure then presented the Summary of Changes to the RFP which included minor wording changes per TWDB, updated FME exposures and costs, and additional public comments/responses to Chapter 10 and Appendix 3. Brief discussion took place among the group. Greg Carter asked if any additional comments have been received. Mr. McClure stated that no additional comments were received after the public comment period ended. Mr. Hayter asked Mr. McClure about the proposed responses to the comments received from TWDB and asked if all the required responses to the TWDB have been addressed. Mr. McClure stated yes, the required comments have been addressed in various ways. James Bronikowski responded by stating the TWDB has just finalized their review of the responses and the comments have been adequately addressed. Mr. McClure asked the Region 2 Flood Planning Group to consider adoption of the Regional Flood Plan for submittal to TWDB. Mr. Hayter asked for a motion to adopt the RFP. A motion was made by Greg Carter and was seconded by Dustin Henslee. The motion carried unanimously.

Joshua McClure announced the schedule of upcoming deliverables which included: January 5, 2023 – No RFPG2 Meeting; January 10, 2023 – Submit Final RFP to TWDB; February 2, 2023 – Next RFPG2 Meeting; January-March 2023 – Complete FMEs and make FMP recommendations; April-May 2023 – Prepare Amended RFP; June 2023 – Approve Amended FP; July 14, 2023 – Amended RFP Due to TWDB. Mr. McClure asked Anita Machiavello about the timeline for completing the amendment and Ms. Machiavello stated that TWDB is currently working on the newsletter which will contain the process for the amendment, which should be available for viewing by the end of the week. Mr. McClure asked Ms.

Machiavello for confirmation that July 2023 marks the end of the first-round of flood planning. Ms. Machiavello stated yes that the first-round ends once the amended flood plans have been submitted to TWDB for approval. James Bronikowski elaborated by stating that July 14, 2023 marks the end of the First-round of regional flood planning while allowing some additional time for submission of any outstanding invoices. Mr. Bronikowski also mentioned that TWDB will update their rules after July 2023 and any proposed changes will be submitted for approval during August or September 2023. The second-round of regional flood planning will begin in October 2023. Mr. McClure thanked the flood planning group and TWDB staff for their time and effort during this process and stated that he looks forward to continuing this process during the next round.

OTHER BUSINESS

AGENDA ITEM NO. 9: Update from Planning Group Sponsor

Reeves Hayter turned the floor over to Chris Brown who announced that the ATCOG is currently working on a schedule of events relating to board member terms and bylaws which will need to be addressed early next year by the flood planning group.

AGENDA ITEM NO. 10: Consider date and agenda items for next meeting

Reeves Hayter opened the floor for discussion. The Region 2 RFPG board members agreed to conduct the next Region 2 Flood Planning Group Board of Directors Meeting on Thursday, March 2, 2023, at 2:00 p.m. at a location to be determined and via webinar/teleconference.

AGENDA ITEM NO. 11: Adjourn

Reeves Hayter called for the meeting to be adjourned. The meeting was adjourned at 2:35 p.m. Approved by the Region 2 Lower Red-Sulphur-Cypress RFPG at a meeting held on 3/02/2023.

| Reeves | Hayter, (| CHAIR | |
|--------|-----------|-------|--|



Ark-Tex Council of Governments

4808 Elizabeth St Texarkana, TX 75503 Invoice Date: 11/11/2022

Invoice #:

10084043 Project: 43790.001

Invoice: 12

Attention: Chris Brown

Project Name:

Ark-Tex/Lower Red-Sulphur-Cypress RFPG/State Flood Plan

For Professional Services Rendered through October 30, 2022

Re:

Ark-Tex/Lower Red-Sulphur-Cypress RFPG/State Flood Plan

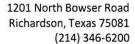
| | Description | Hours | | | Ho | urly Rate | | Amount |
|--------------|-----------------------------------|------------|-----|-------|----|-----------|----|-----------|
| Direct Labor | | | | | | | | |
| | Engineer Level 2 | 12.50 | | | \$ | 40.00 | \$ | 500.00 |
| | Senior Engineer Level 4 | 20.50 | | | \$ | 70.25 | \$ | 1,440.13 |
| | GIS Level 1 | 4.00 | | | \$ | 30.00 | \$ | 120.00 |
| | Senior GIS Level 4 | 5.50 | | | \$ | 60.00 | \$ | 330.00 |
| | Administrative Senior | 1.50 | | | \$ | 20.72 | \$ | 31.08 |
| | Subtotal Direct Labor | 44.00 | | | | 1000 | \$ | 2,421.21 |
| | Direct Labor | | | | | | \$ | 2,421.21 |
| | Overhead on Direct Labor (Fringe) | | | | | 76.20% | \$ | 1,844.96 |
| | General & Administrative Overhead | | | | | 137.50% | \$ | 3,329.16 |
| | Subtotal Direct Labor + OH & GA | | | | | | \$ | 7,595.33 |
| | Profit or Fee | | | | | 10.00% | \$ | 759.53 |
| | Subtotal Total Labor | | | | | | \$ | 8,354.86 |
| | Delivery | x | (| 1.00 | | | \$ | |
| | Other Expenses | X | (| 1.00 | | | \$ | - |
| | Mileage | X | ((| 0.585 | | | \$ | |
| | Subtotal Direct Cost | | | | | | \$ | |
| | Subconsultants | 5,442.00 x | (| 1.00 | | | \$ | 5,442.00 |
| | Current Invoice Amount | | | | | | \$ | 13,796.86 |
| | Amount Due this Invoice | | | | | | \$ | 13,796.86 |

Amounts Billed to Date:

| Contract Amount | \$ 1,399,000.00 |
|-----------------------------|--------------------|
| Prior Billings | \$ 828,876.28 |
| This Invoice | \$ 13,796.86 |
| Total Amount Billed to Date | \$ 842,673.14 |

Remit payment to P.O. Box 4897, Dept 331, Houston, TX 77210 Reference Halff Associates Project 043790.001 and Invoice 10084043

Contact Alison Reigel at areigel@halff.com with any billings questions.





PROGRESS REPORT REGION #2 LOWER RED, SULPHUR, AND CYPRESS REGIONAL FLOOD PLAN

TO:

Chris Brown

DATE:

11/9/2022

FROM:

Joshua McClure

AVO:

43790.001

EMAIL:

jmcclure@halff.com

BILLING DATE:

10/9/2022

SUBJECT: Region 2 Lower Red, Sulphur, and Cypress Regional

October 1, 2022 through October 31, 2022 Effort

PROJECT UPDATES:

Task 1 – Planning Area Description

Reviewed TWDB comments.

Task 2A – Existing Condition Flood Risk Analyses

- Reviewed TWDB comments.
- Preparing exhibits for Final RFP submittal

Task 2B – Future Condition Flood Risk Analyses

- Reviewed TWDB comments.
- Preparing exhibits for Final RFP submittal

Task 3A - Evaluation and Recommendations on Floodplain Management Practices

Reviewed TWDB comments.

Task 3B – Flood Mitigation and Floodplain Management Goals

Reviewed TWDB comments.

Task 4A - Flood Mitigation Needs Analysis

Reviewed TWDB comments.

Task 4B - Identification and Evaluation of Potential Flood Management Evaluations and Potentially Feasible Flood Management Strategies and Flood Mitigation Projects

Coordinating with municipalities to obtain additional FMPs

Task 4C - Prepare and Submit Technical Memorandum

Completed

Task 5 - Recommendation of Flood Management Evaluations and Flood Management Strategies and **Associated Flood Mitigation Projects**



Reviewed TWDB comments.

Task 6A - Impacts of Regional Flood Plan

No activity

Task 6B - Contributions to and Impacts on Water Supply Development and the State Water Plan

No activity.

Task 7 – Flood Response Information and Activities

No activity

Task 8 - Administrative, Regulatory, and Legislative Recommendations

No activity.

Task 9 - Flood Infrastructure Financing Analysis

Reviewed TWDB comments.

Task 10 - Public Participation and Plan Adoption

- Consultant team meetings
- Reviewed TWDB comments.
- Conducted meeting to evaluate and consider public comments at October 6, 2022 RFPG meeting.
- Coordination of and participation in RFPG meetings October 6 and November 3, 2022

Task 11 – Additional Outreach and Data Collection

Reviewed TWDB comments.

Task 12 - Perform FMEs and Identify FMSs and FMEs

- Coordinated with Sulphur Springs for additional FMPs and FMEs
- Working with FME sponsors (Bonham, Paris, Nash, and Texarkana) to verify desire to develop FMPs

Task 13 - Prepare Amended Regional Flood Plan

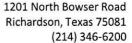
Activity has not started yet

UPCOMING ACTIVITIES:

- Weekly consultant meetings
- Finalize RFP
- Conducting FMEs
- Prepare for upcoming RFPG meeting on December 15

PROJECT SCHEDULE:

· Project is currently on schedule





SPECIAL SITUATIONS/CONCERNS ENCOUNTERED OR ANTICIPATED:

None at this time.

This concludes the progress report. Halff's goal is to provide items and the current status of relevant subject matter to satisfy the project requirements. Items and/or current status prepared by Halff are believed to be true and accurate at the time this progress report was prepared. Halff cannot be responsible for the accuracy of items and/or current status reports prepared by others.

Ark-Tex Council of Governments
Regional Flood Planning
Region 2 - Lower Red, Sulptur, and Cypress Bosins
Printe Summary: Halff Associates Inc.

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| Task 48 Identify FME, FMS, FMP | \$136,560.00 | | 0 | 6540.00 | 53,100.00 | | - 1 | 3657.71 | | ľ | | | | | 30.00 | 0 \$0.00 | | | | \$0.00 | | \$27,312.00 | \$0.00 |
| Task 4C Tech Memo | \$18,208.00 | L | | | | 1 | 54,172.00 | 528,960.36 | 5491.50 | 2 | 534,6 | ~ | \$4,8 | Sc | | | 00.00 | | | \$0.00 | \$0.00 | \$132,735.90 | \$3,824.10 |
| Task 5 Evaluate/Recommend FME, FMS, FMP | \$182,080.00 | | | | | L | ı | 67.474.00 | 1 | ŀ | - | | | | | | | | | \$0.00 | | \$17,371.20 | \$836.80 |
| Task 6A Impacts of Regional Plan | \$36.416.00 | | | | | | 20.00 | 20.00 | 1 | 1 | 58,5 | | | \$4,3 | | \$2,5 | \$6,0 | 54,7 | | \$0.00 | | 5143,586.56 | \$38,493.44 |
| Task 68 Contribution/Impacts of Water Supply | \$9.104.00 | | | | 20.00 | 30.00 | 20.00 | 20.00 | 20.00 | 20.00 | | \$0.00 \$18,787.07 | ^ | | | 00:00 | | | 00:05 | \$0.00 | | \$34,461.10 | \$1,954.90 |
| Task 7 Flood Response Information & Activities | CO 104 00 | | | | 20.00 | | \$0.00 | 20.00 | 20.00 | \$0.00 | | | | 8.50 \$1,395.00 | 30 \$2,095.00 | | 00:0\$ | 00.00 | | \$0.00 | | \$8,158.50 | \$945.50 |
| Task 8 Admin, Regulatory & Leg Recommendations | 59 104 00 | | 00.00 | | 20.00 | | \$0.00 | 20.00 | 20.00 | \$0.00 | | | | 1.00 \$0.00 | | | | | | \$0.00 | \$0.00 | \$5,681.00 | \$3,423.0 |
| Tack 9 Flood Infracturature Finance | 00,000,000 | | 30.00 | | 20.00 | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 100000 | \$0.00 \$3,801.58 | 33,936.42 | | 30 \$438.00 | 00:00 | | | | \$0.00 | | \$8,176,00 | \$928 |
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| TOTAL | 1 \$1,399,000.00 | \$262.50 | \$105,476.58 | \$67,575.24 | \$58,784.32 \$ | \$52,943.63 | \$72,976.34 \$75, | \$75,776.24 \$2, | \$2,426.00 \$71,6 | \$71,624.87 \$74,353.26 | 3.26 \$49,159.54 | 3.54 \$82,226.45 | 45 \$35,709.88 | \$14.959.75 | \$17.365.75 | C19.372 RD | 66 783 00 | 45.442.00 | 00 03 | 90.00 | 60.00 | 29 29 210 6963 | 26 180 35 |
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| Other Expenses | | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | | | | | | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Subcontractor Services | | 30.00 | 30.00 | 20.00 | 20.00 | | - 1 | | | | A 100 A | | | | 00:00 | 00:00 | 00:00 | 00:00 | | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
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| TOTAL | 20.00 | \$262.50 | \$105,476.58 | \$67,575.24 | \$58,784.32 \$ | \$52,943.63 \$21 | \$21,976.34 \$75, | 575,776.24 \$2,4 | \$2,426.00 \$71,6 | \$71,624.87 \$74,353.26 | 3.26 \$49,159.54 | 1.54 \$82,226.45 | 45 \$35,709.88 | 18 \$14,959.75 | \$17,265.25 | \$80,031.71 | \$18,324.72 | \$13.796.86 | 80.00 | \$0.00 | | S. 41 573 14 .S. | 5847 673 14 |
| Retainage | 0% | 00.02 | 20.00 | 80.00 | 80.00 | 80.00 | \$0.00 | 00.02 | 00.00 | 00.00 | 0000 | 0000 | 00 00 | | | | | | | | ı | ŀ | |
| TOTAL | 00'0\$ | \$262.50 | \$105.476.58 | \$67.575.74 | \$105.476.58 \$67.575.74 \$58.784.33 \$59.036.3 | C3 043 63 63 | | The second second | 1 | | - | _ | | 30.00 | 20.00 | 20.00 | _ | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 | 20.00 |

Halff Associates, Inc. P.O. Box 4897, Dept 331 Houston, TX 77210

Chris Brown
Ark-Tex Council of Governments ,
4808 Elizabeth St
Texarkana, TX 75503

November 11, 2022

Project No:

043790.001

Invoice No: Invoice Total: 10084043 \$13,796.86

043790.001

Ark-Tex/Lower Red-Sulphur-Cypress RFPG/State Flood Plan

| Phase | 000100 | Planning Area De | scription | | 66 23 | |
|-----------------------|--------|--------------------|------------------|-----------|-----------|------|
| Billing Limits | | | Current | Prior | To-Date | |
| Total Billings | | | 0.00 | 35,342.00 | 35,342.00 | |
| Limit | | | | | 35,342.00 | |
| Phase | 000210 | Existing Condition | Flood Risk | | | 3 |
| Billing Limits | | | Current | Prior | To-Date | |
| Total Billings | | | 0.00 | 81,936.00 | 81,936.00 | |
| Limit | | | | | 81,936.00 | |
| Phase | 000220 | Future Condition | Flood Risk | | | 9.0 |
| Billing Limits | | | Current | Prior | To-Date | |
| Total Billings | | | 0.00 | 77,384.00 | 77,384.00 | |
| Limit | | | | | 77,384.00 | |
| Phase | 000310 | Floodplain Manag | ement Practices | | | 8 10 |
| Billing Limits | | | Current | Prior | To-Date | |
| Total Billings | | | 0.00 | 2,731.00 | 2,731.00 | |
| Limit | | | | | 2,731.00 | |
| Phase | 000320 | Mitigation & Mana | gement Goals | | | |
| Billing Limits | | | Current | Prior | To-Date | |
| Total Billings | | | 0.00 | 1,366.00 | 1,366.00 | |
| Limit | | | | | 1,366.00 | |
| Phase | 000410 | Needs Analysis | | | | |
| Billing Limits | | | Current | Prior | To-Date | |
| Total Billings | | | 0.00 | 6,828.00 | 6,828.00 | |
| Limit | | | | | 6,828.00 | |
| Phase | 000420 | Identify FME, FMS | , FMP | | | |
| Billing Limits | | | Current | Prior | To-Date | |
| Total Billings | | | 0.00 | 20,483.58 | 20,483.58 | |
| Limit | | | | | 20,484.00 | |
| Remaining | | | | | .42 | |
| Phase | 000430 | Tech Memo | | | | |
| Billing Limits | | | Current | Prior | To-Date | |
| Total Billings | | | 0.00 | 13,656.00 | 13,656.00 | |
| Limit | | <u> </u> | R = | | 13,656.00 | |
| Phase | 000500 | Evaluate/Recomm | end FME, FMS, FM | P | | |
| Billing Limits | | | Current | Prior | To-Date | |
| Total Billings | | | 0.00 | 80,114.91 | 80,114.91 | |
| Limit | | | | | 80,115.00 | |
| Remaining | | | | | .09 | |

| Project | | Arle Tavell access Dad D | FDC/Ctata Flags | Diam | | Laure Laure |
|--|---|---|---|---|--|-------------|
| <u> </u> | 043790.001 | Ark-Tex/Lower Red R | | ı Plan | | Invoice |
| Phase | 000610 | Impacts of Regional Pla | | | | |
| Billing Limits | | , | Current | Prior | To-Date | |
| Total Billing | S | | 0.00 | 30,954.00 | 30,954.00 | |
| Limit | | | | | 30,954.00 | |
| Phase | 000620 | Contribution/Impacts of | Water Supply | | | |
| Billing Limits | | | Current | Prior | To-Date | |
| Total Billing | S | | 0.00 | 910.00 | 910.00 | |
| Limit | | | 0.00 | 010.00 | 910.00 | |
| - | | | | | | |
| Phase | 000700 | Flood Response Informa | |) | | |
| Billing Limits | | (| Current | Prior | To-Date | |
| Total Billing | S | | 0.00 | 1,366.00 | 1,366.00 | |
| Limit | | | | | 1,366.00 | |
| Phase | 000800 | Admin, Reg & Leg Reco | mmendations | | | |
| Billing Limits | | | Current | Prior | To-Date | |
| Total Billing | s | | 0.00 | 7,738.00 | #5.6E(0.57**526.E*) | |
| Limit | 3 | | 0.00 | 7,730.00 | 7,738.00 7,738.00 | |
| | | | | | 7,730.00 | |
| Phase | 000900 | Flood Infrastructure Fina | ince | | | |
| Billing Limits | | C | urrent | Prior | To-Date | |
| Total Billing | S | | 0.00 | 1,821.00 | 1,821.00 | |
| Limit | | | | | 1,821.00 | |
| Phase | 001000 | Dublic Louis LA DI | 2.7 | | | |
| | 001000 | Public Involvement & Pla | 858 | | P= 11 = 20.000 | |
| Billing Limits | | Ç | urrent | Prior | To-Date | |
| Total Billing | S | | 0.00 | 73,026.00 | 73,026.00 | |
| Limit | | | | | 73,026.00 | |
| Phase | 001100 | Add. Outreach and Data | Collection | | | |
| riase | | | | | | |
| | rsonnel | | | | | |
| | rsonnel | | Hours | Rate | Amount | |
| | | | Hours | Rate | Amount | |
| Professional Pe | l Engineer II | 10/6/2022 | Hours | Rate 63.04 | Amount | |
| Professional Pe Professiona Moore, Moore, | l Engineer II Parker Parker | | | | | |
| Professional Pe Professiona Moore, Moore, Moore, | l Engineer II Parker Parker Parker | 10/6/2022 | 1.00 | 63.04 | 63.04 | |
| Professional Pe Professiona Moore, Moore, Moore, Moore, Moore, | l Engineer II Parker Parker Parker Parker | 10/6/2022 10/11/2022 10/12/2022 10/13/2022 | 1.00 .50 | 63.04 63.04 | 63.04 31.52 | |
| Professional Pe Professiona Moore, Moore, Moore, Moore, Moore, Moore, | l Engineer II Parker Parker Parker Parker Parker | 10/6/2022 10/11/2022 10/12/2022 10/13/2022 10/17/2022 | 1.00 .50 .50 .50 | 63.04 63.04 63.04 | 63.04 31.52 31.52 | |
| Professional Pe Professional Moore, Moore, Moore, Moore, Moore, Moore, Moore, Moore, | l Engineer II Parker Parker Parker Parker Parker Parker | 10/6/2022 10/11/2022 10/12/2022 10/13/2022 10/17/2022 10/26/2022 | 1.00 .50 .50 .50 .50 | 63.04 63.04 63.04 63.04 63.04 | 63.04 31.52 31.52 31.52 | |
| Professional Pe Professional Moore, Moore, Moore, Moore, Moore, Moore, Moore, Moore, Moore, | l Engineer II Parker Parker Parker Parker Parker Parker Parker | 10/6/2022 10/11/2022 10/12/2022 10/13/2022 10/17/2022 | 1.00 .50 .50 .50 | 63.04 63.04 63.04 63.04 63.04 | 63.04 31.52 31.52 31.52 31.52 | |
| Professional Pe Professional Moore, Moore, Moore, Moore, Moore, Moore, Moore, GIS Analyst | l Engineer II Parker Parker Parker Parker Parker Parker Parker | 10/6/2022 10/11/2022 10/12/2022 10/13/2022 10/17/2022 10/26/2022 10/28/2022 | 1.00 .50 .50 .50 .50 | 63.04 63.04 63.04 63.04 63.04 63.04 | 63.04 31.52 31.52 31.52 31.52 63.04 31.52 | |
| Professional Pe Professional Moore, Moore, Moore, Moore, Moore, Moore, GIS Analyst Kiec, Sc | l Engineer II Parker Parker Parker Parker Parker Parker Parker I | 10/6/2022 10/11/2022 10/12/2022 10/13/2022 10/17/2022 10/26/2022 10/28/2022 | 1.00 .50 .50 .50 .50 1.00 .50 | 63.04 63.04 63.04 63.04 63.04 63.04 41.30 | 63.04 31.52 31.52 31.52 31.52 63.04 31.52 | |
| Professional Pe Professional Moore, Moore, Moore, Moore, Moore, Moore, Moore, GIS Analyst | l Engineer II Parker Parker Parker Parker Parker Parker Parker Parker I Ophia | 10/6/2022 10/11/2022 10/12/2022 10/13/2022 10/17/2022 10/26/2022 10/28/2022 | 1.00 .50 .50 .50 .50 1.00 .50 | 63.04 63.04 63.04 63.04 63.04 63.04 | 63.04 31.52 31.52 31.52 31.52 63.04 31.52 82.60 | |
| Professional Pe Professional Moore, Moore, Moore, Moore, Moore, Moore, GIS Analyst Kiec, Sc | I Engineer II Parker Parker Parker Parker Parker Parker Parker I ophia ophia Totals | 10/6/2022 10/11/2022 10/12/2022 10/13/2022 10/17/2022 10/26/2022 10/28/2022 | 1.00 .50 .50 .50 .50 1.00 .50 | 63.04 63.04 63.04 63.04 63.04 63.04 41.30 41.30 | 63.04 31.52 31.52 31.52 31.52 63.04 31.52 82.60 82.60 448.88 | |
| Professional Pe Professional Moore, Moore, Moore, Moore, Moore, Moore, Moore, Moore, Kiec, Si | l Engineer II Parker Parker Parker Parker Parker Parker Parker Parker I Ophia | 10/6/2022 10/11/2022 10/12/2022 10/13/2022 10/17/2022 10/26/2022 10/28/2022 10/28/2022 | 1.00 .50 .50 .50 .50 1.00 .50 2.00 2.00 8.50 | 63.04 63.04 63.04 63.04 63.04 63.04 41.30 | 63.04 31.52 31.52 31.52 31.52 63.04 31.52 82.60 | 1,032.4 |
| Professional Pe Professional Moore, Moore, Moore, Moore, Moore, Moore, Moore, Silling Limits | I Engineer II Parker Parker Parker Parker Parker Parker Parker Parker I ophia ophia Totals Total Labor | 10/6/2022 10/11/2022 10/12/2022 10/13/2022 10/17/2022 10/26/2022 10/28/2022 10/28/2022 | 1.00 .50 .50 .50 .50 1.00 .50 | 63.04 63.04 63.04 63.04 63.04 63.04 41.30 41.30 | 63.04 31.52 31.52 31.52 31.52 63.04 31.52 82.60 82.60 448.88 | 1,032.4 |
| Professional Pe Professional Moore, Moore, Moore, Moore, Moore, Moore, Moore, Silling Limits Total Billings | I Engineer II Parker Parker Parker Parker Parker Parker Parker Parker I ophia ophia Totals Total Labor | 10/6/2022 10/11/2022 10/12/2022 10/13/2022 10/17/2022 10/26/2022 10/28/2022 10/28/2022 10/31/2022 | 1.00 .50 .50 .50 .50 1.00 .50 2.00 2.00 8.50 | 63.04 63.04 63.04 63.04 63.04 63.04 41.30 41.30 2.3 times | 63.04 31.52 31.52 31.52 31.52 63.04 31.52 82.60 82.60 448.88 448.88 | 1,032.4 |
| Professional Pe Professional Moore, Moore, Moore, Moore, Moore, Moore, Moore, Kiec, Si Kiec, Si Kiec, Si Total Billings Limit | I Engineer II Parker Parker Parker Parker Parker Parker Parker I ophia ophia Totals Total Labor | 10/6/2022 10/11/2022 10/12/2022 10/13/2022 10/17/2022 10/26/2022 10/28/2022 10/28/2022 10/31/2022 | 1.00 .50 .50 .50 .50 1.00 .50 2.00 2.00 8.50 | 63.04 63.04 63.04 63.04 63.04 63.04 41.30 41.30 2.3 times | 63.04 31.52 31.52 31.52 31.52 63.04 31.52 82.60 82.60 448.88 448.88 | 1,032.42 |
| Professional Pe Professional Moore, Moore, Moore, Moore, Moore, Moore, Moore, Silling Limits Total Billings | I Engineer II Parker Parker Parker Parker Parker Parker Parker I ophia ophia Totals Total Labor | 10/6/2022 10/11/2022 10/12/2022 10/13/2022 10/17/2022 10/26/2022 10/28/2022 10/28/2022 10/31/2022 | 1.00 .50 .50 .50 .50 1.00 .50 2.00 2.00 8.50 | 63.04 63.04 63.04 63.04 63.04 63.04 41.30 41.30 2.3 times | 63.04 31.52 31.52 31.52 31.52 63.04 31.52 82.60 82.60 448.88 448.88 To-Date 59,811.88 | 1,032.4 |
| Professional Pe Professional Moore, Moore, Moore, Moore, Moore, Moore, Moore, GIS Analyst Kiec, Sc Kiec, Sc Silling Limits Total Billings Limit Remain | I Engineer II Parker Parker Parker Parker Parker Parker Parker I ophia ophia Totals Total Labor | 10/6/2022 10/11/2022 10/12/2022 10/13/2022 10/17/2022 10/26/2022 10/28/2022 10/28/2022 10/31/2022 | 1.00 .50 .50 .50 .50 1.00 .50 2.00 2.00 8.50 | 63.04 63.04 63.04 63.04 63.04 63.04 41.30 41.30 2.3 times | 63.04 31.52 31.52 31.52 31.52 63.04 31.52 82.60 82.60 448.88 448.88 To-Date 59,811.88 61,490.00 | 1,032.4 |
| Professional Pe Professional Moore, Moore, Moore, Moore, Moore, Moore, Moore, GIS Analyst Kiec, Si Kiec, Si Kiec, Si Total Billings Limit Remain | I Engineer II Parker Parker Parker Parker Parker Parker Parker Parker I cophia cophia Totals Total Labor | 10/6/2022 10/11/2022 10/12/2022 10/13/2022 10/17/2022 10/26/2022 10/28/2022 10/28/2022 10/31/2022 | 1.00 .50 .50 .50 .50 1.00 .50 2.00 2.00 8.50 | 63.04 63.04 63.04 63.04 63.04 63.04 41.30 41.30 2.3 times | 63.04 31.52 31.52 31.52 31.52 63.04 31.52 82.60 82.60 448.88 448.88 To-Date 59,811.88 61,490.00 | 1,032.4 |
| Professional Pe Professional Moore, Moore, Moore, Moore, Moore, Moore, Moore, GIS Analyst Kiec, Si Kiec, Si Kiec, Si Total Billings Limit Remain | I Engineer II Parker Parker Parker Parker Parker Parker Parker Parker I cophia cophia Totals Total Labor | 10/6/2022 10/11/2022 10/12/2022 10/13/2022 10/17/2022 10/26/2022 10/28/2022 10/28/2022 10/31/2022 | 1.00 .50 .50 .50 .50 1.00 .50 2.00 2.00 8.50 | 63.04 63.04 63.04 63.04 63.04 63.04 41.30 41.30 2.3 times Prior 58,779.46 | 63.04 31.52 31.52 31.52 31.52 63.04 31.52 82.60 82.60 448.88 448.88 To-Date 59,811.88 61,490.00 1,678.12 | 1,032.4 |
| Professional Pe Professional Moore, Moore, Moore, Moore, Moore, Moore, Moore, Solanalyst Kiec, Solanalyst K | I Engineer II Parker Parker Parker Parker Parker Parker Parker Parker I ophia ophia Totals Total Labor ing 001200 rsonnel | 10/6/2022 10/11/2022 10/12/2022 10/13/2022 10/17/2022 10/26/2022 10/28/2022 10/28/2022 10/31/2022 | 1.00 .50 .50 .50 .50 1.00 .50 2.00 2.00 8.50 | 63.04 63.04 63.04 63.04 63.04 63.04 41.30 41.30 2.3 times | 63.04 31.52 31.52 31.52 31.52 63.04 31.52 82.60 82.60 448.88 448.88 To-Date 59,811.88 61,490.00 | 1,032.42 |
| Professional Pe Professional Moore, Moore, Moore, Moore, Moore, Moore, Moore, Silling Limits Total Billings Limit | I Engineer II Parker Parker Parker Parker Parker Parker Parker Parker I ophia ophia Totals Total Labor ing 001200 rsonnel | 10/6/2022 10/11/2022 10/12/2022 10/13/2022 10/17/2022 10/26/2022 10/28/2022 10/28/2022 10/31/2022 | 1.00 .50 .50 .50 .50 1.00 .50 2.00 2.00 8.50 | 63.04 63.04 63.04 63.04 63.04 63.04 41.30 41.30 2.3 times Prior 58,779.46 | 63.04 31.52 31.52 31.52 31.52 63.04 31.52 82.60 82.60 448.88 448.88 To-Date 59,811.88 61,490.00 1,678.12 | 1,032.42 |

10084043

| Project | 043790.001 | Ark-Tex/Lo | wer Red RFPG/Sta | ate Flood | Plan | | Invoice | 100840 |
|-----------------------|----------------|------------|---------------------------|-----------|---|--|----------|--------|
| Moore, | , Parker | 10/5/2 | 2022 | .50 | 63.04 | 31.52 | | |
| Moore, | , Parker | 10/6/2 | | 1.00 | 63.04 | 63.04 | | |
| Moore, | , Parker | 10/10/2 | | 1.00 | 63.04 | 63.04 | | |
| Moore, | , Parker | 10/19/2 | 2022 | .50 | 63.04 | 31.52 | | |
| Moore, | , Parker | 10/20/2 | 2022 | 1.00 | 63.04 | 63.04 | | |
| Moore, | , Parker . | 10/26/2 | | .50 | 63.04 | 31.52 | | |
| | , Parker | 10/28/2 | | 1.00 | 63.04 | 63.04 | | |
| | , Parker | 10/31/2 | | 1.00 | 63.04 | 63.04 | | |
| | al Engineer IV | 10/01/2 | .022 | 1.00 | 03.04 | 03.04 | | |
| | re, Joshua | 10/4/2 | 0022 | 1.00 | 105.05 | 105.05 | | |
| | re, Joshua | | | 1.00 | 105.65 | 105.65 | | |
| | re, Joshua | 10/5/2 | | 3.00 | 105.65 | 316.95 | | |
| | | 10/6/2 | | 6.00 | 105.65 | 633.90 | | |
| | re, Joshua | 10/10/2 | | 1.00 | 105.65 | 105.65 | | |
| | re, Joshua | 10/11/2 | | 1.50 | 105.65 | 158.48 | | |
| | re, Joshua | 10/17/2 | | 1.50 | 105.65 | 158.48 | | |
| | re, Joshua | 10/18/2 | 2022 | 1.00 | 105.65 | 105.65 | | |
| McClur | re, Joshua | 10/19/2 | 2022 | 1.00 | 105.65 | 105.65 | | |
| McClur | re, Joshua | 10/20/2 | 022 | 2.00 | 105.65 | 211.30 | | |
| McClur | e, Joshua | 10/21/2 | 022 | .50 | 105.65 | 52.83 | | |
| McClur | e, Joshua | 10/31/2 | 022 | 2.00 | 105.65 | 211.30 | | |
| Administrati | ve II | | | | 2000 2000 miles | | | |
| Reigel, | Alison | 10/17/2 | 022 | 1.50∠ | 38.26 | 57.39 | | |
| GIS Analyst | : IV | | | | | 07.00 | | |
| Connol | lly, Virginia | 10/24/2 | 022 | 1.00 | 82.93 | 82.93 | | |
| | lly, Virginia | 10/25/2 | | .75 | 82.93 | 62.20 | | |
| | lly, Virginia | 10/26/2 | | .75 | 82.93 | | | |
| | ly, Virginia | 10/23/2 | | 1.25 | | 62.20 | | |
| | ly, Virginia | 10/28/2 | | | 82.93 | 103.66 | | |
| | ly, Virginia | | | 1.50 | 82.93 | 124.40 | | |
| Cominon | Totals | 10/31/2 | 022 | .25 | 82.93 | 20.73 | | |
| | | i. | | 35.50 | | 3,183.67 | | |
| | Total La | por | | | 2.3 times | 3,183.67 | 7,322.44 | |
| illing Limits | | | Current | | Prior | To-Date | | |
| Total Billings | S | | 7,322.44 | | 13,521.17 | 20,843.61 | | |
| Limit | | | | | 5 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - | 345,960.00 | | |
| Remain | ning | | | | | 325,116.39 | | |
| hase | 009100 | FNI | | | | | | _ |
| consultants | | | | | | | | |
| Consultant - | | | | | | | | |
| 10/31/20 | | | Ark-Tex/Low Flood Plan | er Red R | FPG/State | 5,442.00 | | |
| | Total Co | nsultants | | | 1.0 times | 5,442.00 | 5,442.00 | |
| illing Limits | | | Current | | Prior | To-Date | | |
| Total Billings | 3 | | 5,442.00 | | 288,828.28 | 294,270.28 | | |
| Limit | | | -,2.00 | | | 339,084.00 | | |
| Remain | ing | | | | | 44,813.72 | | |
| | | | | | | 77,013.72 | | |
| hase | 009200 | MTG | | | | | | |
| illing Limits | | | Current | | Prior | To-Date | | |
| Total Billings | (3) | | 0.00 | | 10,542.13 | 10,542.13 | | |
| Limit | | | 0.00 | | 10,072.10 | The state of the s | | |
| Remaini | ing | | | | | 36,618.00 | | |
| | | | | | | 26,075.87 | | |
| hase | 009300 | H2O | | | | | | |
| Iling Limits | | | Current | | Prior | To-Date | | |
| Total Billings | | | 0.00 | | 21,548.75 | | | |
| | | | 0.00 | | 21,040.70 | 21,548.75 | | |
| Limit | | | | | | 36,041.00 | | |
| | | | | | | | | |

Project

043790.001

Remaining

Ark-Tex/Lower Red RFPG/State Flood Plan

Invoice

10084043

14,492.25

Total this Invoice

\$13,796.86



801 Cherry Street, Suite 2800 Fort Worth, Texas 76102 Phone: (817) 735-7300

Email: Accounts.receivable@Freese.com

Halff Associates, Inc. Josh McClure 1201 N. Bowser Road Richardson TX 75081

Invoice #: 1344501 Project: HAF21355

Invoice Group: **

Invoice Date: 11/7/2022

For Professional Services Rendered through: 10/31/2022

Lower Red-Sulphur-Cypress Regional Flood Plan - Region 2

Total Project Fee:

Halff Project Number: 43790.001

Not to Exceed Previous Hourly: Pct. Current Total Fee Amount Amount Comp Fee Earned **Basic Services** 339,084.00 288,828.28 5,442.00 294,270.28 86.78 **Total Hourly Services:** 339,084.00 288,828.28 5,442.00 86.78 294,270.28

339,084.00

288,828,28

Total Fee Earned to Date: 294,270.28
Less Previous Billings: 288,828.28

Amount Due this Invoice 5,442.00

5,442.00

86.78

294,270.28

PLEASE REMIT PAYMENT TO P.O. BOX 980004, FORT WORTH, TX 76198-0004 REFERENCING FREESE AND NICHOLS PROJECT HAF21355 AND INVOICE #1344501

FOR BILLING QUESTIONS PLEASE CONTACT KYLE KENNEDY @(817)735-7423 or KYLE.KENNEDY@FREESE.COM

Project Amounts:

Project: nAF21355 -- Lower Red-Sulphur-Cypress RFP

Invoice #: 1344501

| 144.00 144.00 219.00 219.00 252.00 e Labor : Expense : | 432.00 876.00 |
|--|--|
| 219.00 219.00 252.00 | 432.00 876.00 3,504.00 4,380.00 630.00 |
| 219.00 219.00 | 432.00 876.00 3,504.00 4,380.00 630.00 |
| 219.00 219.00 | 432.00 876.00 3,504.00 4,380.00 |
| 144.00 219.00 | 432.00 876.00 3,504.00 |
| 144.00 219.00 | 432.00 876.00 3,504.00 |
| 144.00 | 432.00 |
| | |
| | 144.00 |
| 144.00 | 144.00 |
| 444.00 | 288.00 |
| Rate | Amount |
| | Rate |

Page 2 of 2

Project Amounts:

Proje 'tatus Report

Lower Red-Sulphur-Cypress **Regional Flood Plan**



PROJECT NAME: Lower Red-Sulphur-Cypress

Regional Flood Plan

PROJECT NO .:

HAF21355

TO:

Josh McClure, PhD, P.E., CFM, PMP

TIME PERIOD:

October 2022

FROM:

David Rivera, PhD, P.E., CFM

DATE:

November 4, 2022

PROJECT UPDATES:

Task 5 - Recommend FME, FMS, FMP

- Evaluate and recommended FMEs to determine which ones may be completed as part of Task 12.
- Coordination with Halff for FME-to-FMP candidates.
- Meeting with City of Denison Oct/04/2022.
- Meeting with City of Texarkana to review FME-to-FMP candidates Oct/17/2022.
- Meeting with City of Nash (MTG) to review FME-to-FMP candidates Oct/17/2022.
- Meeting with City of Paris to review FME-to-FMP candidates Oct/20/2022.
- Review and preliminary responses to TWDB RFP Comments.

Task 10 - Public Participation and Plan Adoption

Prepared materials and participated in RFPG Public Meeting – Oct/6/2022.

UPCOMING ACTIVITIES

- Regional Flood Plan Group Meeting Nov/3/2022.
- Address TWDB and public comments.
- Initiate Tasks 11, 12, 13.
- Recurring project team meetings.

PROJECT SCHEDULE

· Project is on schedule.

Project Amounts:

Ark-Tex Council of Govern

Approved:*
McClure, Joshua
11/8/2022

Regional Flood Plannir Region 2 - Lower Red, Sulphur, and Cy

Subconsultant: Freese and Nicho

| | LABOR PER TASK | Budget | May-21 | Jun-21 | Jul-21 | Aug-21 | Sep-21 | Oct-21 | Nov-21 | Dec-21 |
|-------------|---|-------------------------|---------------|--------|------------------------|-------------|----------------|--------------|-------------|------------|
| Task Breakd | down | | See Section 1 | | A PROPERTY AND ADDRESS | | STATE STATE OF | With Astrony | | |
| Task 1 | Planning Area Description | \$2,276.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Task 2A | Existing Condition Flood Risk | \$4,552.00 | \$0.00 | \$0.00 | \$1,084.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Task 2B | Future Condition Flood Risk | \$9,104.00 | \$0.00 | \$0.00 | \$0.00 | \$926.50 | \$3,565.50 | \$3,848.00 | \$0.00 | \$0.00 |
| Task 3A | Floodplain Management Practices | \$15,476.80 | \$0.00 | \$0.00 | \$15,414.00 | \$62.80 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Task 3B | Mitigation & Management Goals | \$7,738.40 | \$0.00 | \$0.00 | \$5,022.75 | \$1,543.00 | \$342.50 | \$830.15 | \$0.00 | \$0.00 |
| Task 4A | Needs Analysis | \$20,484.00 | \$0.00 | \$0.00 | \$0.00 | \$3,100.00 | \$836.00 | \$7,419.50 | \$0.00 | \$0.00 |
| Task 4B | Identify FME, FMS, FMP | \$110,613.60 | \$0.00 | \$0.00 | \$548.00 | \$7,500.50 | \$4,394.50 | \$4,172.00 | \$18.053.00 | \$491.50 |
| Task 4C | Tech Memo | \$4,552.00 | \$0.00 | \$0.00 | \$0.00 | \$896.20 | \$209.00 | \$904.00 | \$627.00 | \$226.00 |
| Task 5 | Evaluate/Recommend FME, FMS, FMP | \$94,681.60 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Task 6A | Impacts of Regional Plan | \$5,462.40 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Task 6B | Contribution/Impacts of Water Supply | \$8,193.60 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Task 7 | Flood Response Information & Activities | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Task 8 | Admin, Regulatory & Leg Recommendations | \$1,365.60 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Task 9 | Flood Infrastructure Finance | \$14,566.40 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Task 10 | Public Involvement & Plan Adoption | \$40,017.60 | \$0.00 | \$0.00 | \$15,857.50 | \$3,795.50 | \$4,287.32 | \$3,806.44 | \$1,432.00 | \$1,358.50 |
| | TOTAL | \$339,084.00 | \$0.00 | \$0.00 | \$37,926.25 | \$17,824.50 | \$13,634.82 | \$20,980.09 | \$20,112.00 | \$2,076.00 |
| Budget Cate | egory Breakdown | A STATE OF THE STATE OF | | | | | | | | |
| Salaries & | Wages | \$95,482.08 | \$0.00 | \$0.00 | \$10,736,07 | \$5,045.72 | \$3,795.35 | \$5,881.69 | \$5,693.26 | \$587.67 |
| Fringe | | \$61,652.78 | \$0.00 | \$0.00 | \$6,932.28 | \$3,258.02 | \$2,450.66 | \$3,797.81 | \$3,676.14 | \$379.46 |
| Overhead | | \$112,707.05 | \$0.00 | \$0.00 | \$12,672.86 | \$5,955.96 | \$4,480.03 | \$6,942.74 | \$6,720.32 | \$693.68 |
| Profit | | \$67,458.09 | \$0.00 | \$0.00 | \$7,585.04 | \$3,564.80 | \$2,681.42 | \$4,155.41 | \$4,022.28 | \$415.19 |
| Travel | | \$892.00 | | | | | \$227.36 | \$202.44 | | |
| Other Exp | | \$892.00 | | | | | | | - | |
| Subcontra | actor Services | \$0.00 | | | | | | | | |
| | TOTAL | \$339,084.00 | \$0.00 | \$0.00 | \$37,926.25 | \$17,824.50 | \$13,634.82 | \$20,980.09 | \$20,112.00 | \$2,076.00 |

Project Amounts:



ng press Basin

ıls, Inc. (FNI)

| Jan-22 | Feb-22 | Mar-22 | Apr-22 | May-22 | Jun-22 | Jul-22 | Aug-22 | Sep-22 | Oct-22 | TOTAL | REMAINING |
|-------------|-------------|-------------|---------------------|-------------|-------------|-------------|------------|------------|------------|--------------------|-------------|
| \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$2,276.00 | \$0.00 | \$0.00 | \$0.00 | \$2,276.00 | \$0.00 |
| \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$1,084.00 | \$3,468.00 |
| \$0.00 | \$0.00 | \$0.00 | \$764.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$9,104.00 | \$0.00 |
| \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$15,476.80 | \$0.0 |
| \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$7,738.40 | \$0.0 |
| \$0.00 | \$3,882.50 | \$5,246.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$20,484,00 | \$0.00 |
| \$9,293.00 | \$18,356.00 | \$34,639.50 | \$7,300.75 | \$4,855.20 | \$666.00 | \$343.65 | \$0.00 | \$0.00 | \$0.00 | \$110,613.60 | \$0.0 |
| \$435.00 | \$0.00 | \$0.00 | \$418.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$3,715.20 | \$836.80 |
| \$731.50 | \$3,068.50 | \$8,542.54 | \$26,175.70 | \$1.041.50 | \$4,316.75 | \$6,159.00 | \$2,587.50 | \$6,054.00 | \$4,794.66 | \$63,471.65 | \$31,209.95 |
| \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$600.00 | \$0.00 | \$2,907.10 | \$0.00 | \$0.00 | \$0.00 | \$3,507.10 | \$1,955.30 |
| \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$3,758.50 | \$1,395.00 | \$2,095.00 | \$0.00 | \$0.00 | \$0.00 | \$7,248.50 | \$945.10 |
| \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$438.00 | \$0.00 | \$0.00 | \$0.00 | \$438.00 | \$927.6 |
| \$0.00 | \$0.00 | \$0.00 | \$425.93 | \$2,380.50 | \$4,871.50 | \$1,417.50 | \$0.00 | \$0.00 | \$0.00 | \$9,095.43 | \$5,470.9 |
| \$1,567.50 | \$3,806.50 | \$731.50 | \$339.00 | \$0.00 | \$893.00 | \$766.50 | \$0.00 | \$729.00 | \$647.34 | \$40,017.60 | \$0.00 |
| \$12,027.00 | \$29,113.50 | \$49,159.54 | \$35,423.38 | \$12,635.70 | \$12,142.25 | \$16,402.75 | \$2,587.50 | \$6,783.00 | \$5,442.00 | \$294,270.28 | \$44,813.7 |
| | | | 国际保险 | | | | | | | | |
| \$3,404.57 | \$8,241.38 | \$13,878.87 | \$9,927.38 | \$3,576.88 | \$3,437.20 | | \$732.46 | \$1,920.12 | \$1,540.51 | \$83,000.27 | \$12,481.8 |
| \$2,198.33 | \$5,321.46 | \$8,961.59 | \$6,410.11 | \$2,309.59 | \$2,219.40 | \$2,970.96 | \$472.95 | \$1,239.82 | \$994.71 | \$53,593.28 | \$8,059.50 |
| \$4,018.76 | \$9,728.13 | \$16,382.62 | \$11,718.28 | \$4,222.15 | \$4,057.27 | \$5,431.19 | \$864.60 | \$2,266.50 | \$1,818.42 | \$97,973.52 | \$14,733.5 |
| \$2,405.33 | \$5,822.53 | \$9,805.42 | \$7,013.68 | \$2,527.08 | \$2,428.38 | \$3,250.71 | \$517.49 | \$1,356.56 | \$1,088.37 | \$58,639.69 | \$8,818.40 |
| - | _ | \$131.04 | \$331.16 \$22.77 | - | | \$148.75 | | | _ | \$892.00 | \$0.0 |
| | | | \$22.77 | | | \$148.75 | | | | \$171.52 \$0.00 | \$720.4 |
| \$12,027.00 | \$29,113.50 | \$49,159.54 | \$35,423.38 | \$12,635.70 | \$12,142.25 | \$16,402.75 | \$2,587.50 | \$6,783.00 | \$5,442.00 | \$294,270.28 | \$44,813.72 |

Project Amounts:



Ark-Tex Council of Governments

4808 Elizabeth St Texarkana, TX 75503 Invoice Date: 12/14/2022

Invoice #: 10086345

Project: 43790.001

Invoice: 13

Attention: Chris Brown

Project Name:

Ark-Tex/Lower Red-Sulphur-Cypress RFPG/State Flood Plan

For Professional Services Rendered through November 30, 2022

Ark-Tex/Lower Red-Sulphur-Cypress RFPG/State Flood Plan

| | Description | Hours | | 40. 3,000 | Ho | urly Rate | | Amour | | |
|-------------------------|-----------------------------------|----------|---|-----------|-----|-----------|----|-----------|--|--|
| Direct Labor | | | | | | | | | | |
| | Engineer Level 2 | 8.00 | | | \$ | 40.00 | \$ | 320.00 | | |
| | Senior Engineer Level 4 | 31.50 | | | \$ | 68.00 | \$ | 2,142.00 | | |
| | GIS Level 1 | 60.00 | | | \$ | 28.85 | \$ | 1,731.00 | | |
| | Senior GIS Level 4 | 7.75 | | | \$ | 58.00 | \$ | 449.50 | | |
| | Administrative Senior | 1.50 | | | \$ | 20.11 | \$ | 30.17 | | |
| | Subtotal Direct Labor | 108.75 | | 2 | | | \$ | 4,672.67 | | |
| | Direct Labor | | | | | | \$ | 4,672.67 | | |
| | Overhead on Direct Labor (Fringe) | | | | | 76.20% | \$ | 3,560.57 | | |
| | General & Administrative Overhead | | | | | 137.50% | \$ | 6,424.91 | | |
| | Subtotal Direct Labor + OH & GA | | | | | | \$ | 14,658.15 | | |
| | Profit or Fee | | | | | 10.00% | \$ | 1,465.82 | | |
| | Subtotal Total Labor | | | | | | \$ | 16,123.97 | | |
| | Delivery | 1 | X | 1.00 | | | \$ | - | | |
| | Other Expenses | | X | 1.00 | | | \$ | = | | |
| | Mileage | 1 | X | 0.585 | | | \$ | = | | |
| | Subtotal Direct Cost | | | | | | \$ | - | | |
| | Subconsultants | 5,196.00 | X | 1.00 | | | \$ | 5,196.00 | | |
| | Current Invoice Amount | | | | | | \$ | 21,319.97 | | |
| | Amount Due this Invoice | | | | | | \$ | 21,319.97 | | |
| Amounts Billed to Date: | | | | | | | | = 101 | | |
| | Contract Amount | | | \$ | 1,3 | 99,000.00 | | | | |
| | Prior Billings | | | \$ | 8 | 42,673.14 | | | | |
| | This Invoice | | | \$ | | 21,319.97 | | | | |

| Contract Amount | \$ 1,399,000.00 |
|-----------------------------|--------------------|
| Prior Billings | \$ 842,673.14 |
| This Invoice | \$ 21,319.97 |
| Total Amount Billed to Date | \$ 863,993.11 |

Remit payment to P.O. Box 4897, Dept 331, Houston, TX 77210 Reference Halff Associates Project 043790.001 and Invoice 10086345

Contact Alison Reigel at areigel@halff.com with any billings questions.

Ark-Tex Council of Governments
Regional Flood Planning
Region 2 - Lower Red, Sulphur, and Optress Bosins
Printe Summary: Halff Associates Inc.

| REMAINING | Control of the last | \$3,463.25 | \$3,468.00 | \$4,552.00 | \$0.20 | -\$0.40 | \$0.00 | \$3,824.10 | \$836.80 | \$33,297.44 | \$1,954.90 | \$945.50 | \$3,423.00 | \$928.00 | \$7,291.57 | \$16,201.99 | \$61,490.00 | \$345,960.00 | \$144,150.00 | The second | \$631,786.35 | | -\$154,297.95 | -5117,575.04 | -5212,159.68 | 548,403.27 | \$0.00 | \$0.00 | -\$331,557.16 | -\$863,993.10 | \$0.00 | .\$863 993 10 | |
|----------------|--|---------------------------|-------------------------------|------------------------------|---------------------------------|---|-----------------|-------------------------|-------------|--------------------------------|-------------------------|--------------------------------------|---------------------------------------|--|---------------------------------|---------------------------------------|--|---|--|-------------------------------------|------------------------------|---------------------------|------------------|--------------|--------------|------------|--------|------------|------------------------|-----------------|--|-----------------------|---|
| TOTAL | THE REAL PROPERTY. | \$42,056.75 | \$87,572.00 | \$86,488.00 | \$18,207.80 | \$9,104.40 | \$27,312.00 | \$132,735.90 | \$17,371.20 | \$148,782.56 | \$34,461.10 | \$8,158.50 | \$5,681.00 | \$8,176.00 | \$10,916.43 | \$130,190.01 | | | 731 | CONTRACTOR OF STREET | \$767,213.65 | | \$154,297.95 | \$117,575.04 | 5212,159.68 | 548,403.27 | 20.00 | \$0.00 | \$331,557.16 | \$863,993.10 | \$0.00 | 5863 993.10 | |
| Jan-23 | 90000000 G | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | | | | STATE OF THE PERSON | \$0.00 | | \$0.00 | 20.00 | 20.00 | 20.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 8 | |
| Dec-22 | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | | | | STREET, SQUARE, SQUARE, | \$0.00 | | \$0.00 | 20.00 | 20.00 | 20.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 80.00 | 20.00 | |
| Nov-22 | STREET WASHINGTON | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$5,196.00 | 80.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | | | | Andrew Control | \$5,196.00 | | \$4,672.67 | \$3,560.57 | \$6,424.91 | 51,465.82 | \$0.00 | 80.00 | \$5,196.00 | 76.916,153 | 80.00 | 421 319 97 | |
| Oct-22 | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$4,794.66 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$647.34 | | | | THE OWNER OF THE PERSON | \$5,442.00 | | \$2,421.21 | \$1,844.96 | 53,329.16 | \$759.53 | \$0.00 | \$0.00 | \$5,442.00 | \$13,796.86 | 80.00 | 796.86 | |
| Sep-22 | | \$0.00 | \$0.00 | \$0.00 | | | | \$0.00 | | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$729.00 | | | | NAME OF TAXABLE PARTY. | \$6,783.00 \$1 | The state of the state of | \$3,344.75 | \$2,548.70 | \$4,599.03 | \$1,049.25 | \$0.00 | \$0.00 | \$6,783.00 | \$18,324.72 \$1 | 80.00 | 418 376 77 513 796 86 | |
| Aug.22 | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$2,587.50 | 80.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$16,685.30 | | | | STATE OF THE PERSONS | \$19,272.80 | | \$22,392.33 | \$17,062.95 | \$30,789.45 | \$7,024.47 | \$0.00 | \$0.00 | \$2,762.50 | \$ 17.160,085 | 80.00 | | |
| Jul-22 | | \$2,276.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$343.65 | \$0.00 | \$6,159.00 | \$2,907.10 | \$2,095.00 | \$0.00 | \$438.00 | \$1,417.50 | \$1,629.00 | | | | A CONTRACTOR OF THE PERSON NAMED IN | \$ 52.292,718 | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$17,265.25 | \$ 52.265.215 | 80.00 | | |
| Jun-22 | | 80.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$666.00 | \$0.00 | \$4,316.75 | \$0.00 | \$1,395.00 | \$0.00 | \$0.00 | \$4,871.50 | \$3,710.50 | | | | THE RESERVE AND PERSONS ASSESSMENT | \$14,959.75 | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$14,959.75 | \$14,959.75 \$ | \$0.00 | 614 050 75 | |
| May-22 | | \$29.91 | \$0.00 | \$0.00 | \$763.76 | \$905.29 | \$24.87 | \$4,855.20 | \$0.00 | \$1,041.50 | \$12,766.93 | \$4,668.50 | \$2,171.00 | \$3,936.42 | \$4,201.50 | \$345.00 | | | | - | \$35,709.88 | | \$6,353.55 | \$4,841.40 | \$8,736.13 | \$1,993.11 | \$0.00 | \$0.00 | \$13,785.70 | 88.607,288 | \$0.00 | 636 76 | |
| Apr-22 | | 80.00 | \$0.00 | \$764.00 | \$0.00 | \$0.00 | \$0.00 | \$7,596.00 | \$418.00 | \$46,339.39 | \$18,787.07 | \$0.00 | \$3,510.00 | \$3,801.58 | \$425.93 | \$584.48 | | | | STORY SHOW SHOW | \$82,226.45 | THE PERSONAL PROPERTY. | \$12,546.17 | \$9,560.18 | \$17,250.98 | \$3,935.73 | \$0.00 | 80.00 | \$38,933.38 | \$82,226.45 | 00.02 | - 400 000 | 004,440.00 |
| Mar-22 | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$5,246.00 | \$34,639.50 | \$0.00 | \$8,542.54 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$731.50 | | | | | \$49,159.54 | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$49,159.54 | \$49,159.54 | 00.00 | The second second | |
| Feb-22 | | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$3,882.50 | \$18,599.00 | \$144.29 | \$46,259.14 | 20.00 | 00:05 | \$0.00 | \$0.00 | \$0.00 | \$5,468.33 | | | | A CONTRACTOR OF THE PERSON OF | \$74,353.26 | Antonia Standard | \$13,084.96 | \$9,970.74 | \$17,991.82 | \$4,104.75 | \$0.00 | \$0.00 | \$29,201.00 | 574,353.26 | 00.00 | The second second | 24.4722.44 |
| Jan-22 | SEPTIMENTAL STATE | \$0.00 | \$12,342.66 | \$23,652.92 | | | \$1.5 | | \$435.00 | 51 | L | | \$0.00 | | | \$6.8 | | | | | 571,624.87 | NESSHIPPOSITION | \$17,245.88 | | S | \$5,4 | \$0.00 | \$0.00 | \$12,114.50 | \$71,624.87 | 0000 | Table 1 | 374,024.67 |
| Dec-21 | Western Williams | \$0.00 | | \$0.00 | | | | 22 | \$226.00 | L | | | \$0.00 | | | \$1,7 | | | | | \$2,426.00 | | \$0.00 | | | | \$0.00 | 80.00 | \$2,426.00 | \$2,426.00 | 80.00 | 4 | \$2,426.00 |
| Nov.21 | STATE OF STATE OF | \$138.71 | \$18,504.47 | \$15,399.17 | L | | \$657.71 | \$2 | L | | | | \$0.00 | | | 54.7 | | | | | \$75,776.24 | World November | \$16,105.93 | | ٠, | \$5,0 | | | \$20,1 | \$75,776.24 | 0000 | - | 5/5///6/24 |
| 0ct-21 | PORTUGUE STATE | \$345.00 | | \$3.8 | \$0.00 | \$830.15 | \$7,419.50 | \$4,172.00 | \$304.00 | | | | \$0.00 | | | 54.4 | | | | | \$21,976.34 | | \$0.00 | 00:0\$ | \$0.00 | 33 | | | \$21.5 | \$21,976.34 | 00.00 | k | 321,776.34 |
| Sep-21 | が一体を見る。 | \$0.00 | \$10,156.68 | \$13,315.66 | \$1,114.67 | \$342.50 | \$4,778.09 | \$10,329.21 | \$3,945.76 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 80.00 | \$8,961.06 | | | | | \$52,943.63 | | \$10,330.06 | \$7,871.51 | \$14,203.83 | \$3,240.54 | \$0.00 | 20.00 | \$17,297.69 | \$52,943.63 | 0000 | 30.00 | \$52,945,63 |
| Aug-21 | | \$7,911.48 | \$11,465.66 | \$3.590.08 | \$62.80 | \$1.543.00 | \$3,100.00 | \$10,368.28 | \$4.873.36 | \$0.00 | 80.00 | \$0.00 | 80.00 | 80.00 | 00.02 | \$15.869.66 | | | | | \$58,784.32 \$52,943.63 \$21 | | \$9,862.58 | \$7,515.29 | \$13,561.05 | \$3,093.89 | \$0.00 | 00 05 | \$24,751.51 | \$58,784.32 | 0000 | 20.00 | 555,784.32 |
| Jul-21 | Replication of the least of the | \$7,602,66 | \$9.891.08 | \$4,582.50 | \$15,536.75 | \$5.022.75 | \$568.97 | \$548.00 | \$0.00 | \$0.00 | 20.00 | 00.05 | \$0.00 | \$0.00 | 00 05 | \$23.822.53 | | | | | \$67,575.24 | | \$6,828.47 | \$5,203.29 | \$9,389.14 | \$2,142.09 | \$0.00 | \$0.00 | \$44,012.25 | \$67,575.24 | 00 00 | 30.00 | \$67,575,24 |
| Jan-21 | STATE STATE STATE OF THE STATE OF | \$23,490.49 | \$25,211.45 | 521.335.67 | 5238.86 | 20.00 | \$12151 | \$1.874.20 | 20.00 | \$0.00 | 20.00 | 00.00 | 80.00 | \$0.00 | 00.00 | \$33 204 40 | | | | | \$105,476.58 | | \$29,109.41 | \$22,181.37 | \$40,025.43 | \$9,131.62 | \$0.00 | 00 05 | \$5.028.75 | \$105,476.58 | 0000 | 30.00 | \$0.00 \$262.50 \$105,476.58 \$67,575.24 \$58,784.32 \$52,943.63 \$2. |
| May-21 | SECURITION STATES | \$262.50 | 00 05 | 00 05 | 00 05 | 00 05 | 00 05 | 20.00 | 00 05 | 00 05 | 00 05 | 20 00 | 00 05 | 20 00 | 9 | 20.00 | | | | | \$262.50 | THE RESIDENCE | 80.00 | \$0.00 | \$0.00 | \$0.00 | 20.00 | 00.00 | \$262.50 | The same | 0000 | 20.00 | \$262.50 |
| Budget | STREET, STREET | 545 520 00 | \$91,040,00 | 591 040 00 | \$18.208.00 | \$9 104 00 | \$37.312.00 | \$136 560 00 | \$18.208.00 | \$182,080,000 | \$36.416.00 | \$9 104 00 | \$9.104.00 | 59 104 00 | C19 208 00 | \$146 392 00 | 000 000 | 361,430.00 | 2343,300.00 | \$144,150.00 | \$1,399,000.00 | CONTRACTOR OF | | | | | | | | \$0.00 | The second second | U.S. | 20.00 |
| | CONTRIBUTION OF STREET | | - | 1 | | - | - | + | - | + | | - | | - | + | - | | + | 1 | | TOTAL | | | - | | - | | - | - | TOTAL | No. of Concession, Name of Street, or other Persons, or other Pers | 1 | TOTAL |
| × | THE PROPERTY OF | | 1 | | settrae | Soule | - | | | GMS SMP | | ster Supply | 2 & Artivities | Admin Beaulatory & les Recommendations | | Idontion | The state of the s | ata Collection | PMSS and PMES | Flood Plan | | SOCIETY STREET | | | | | | | | | SELECTION STREET, STRE | | Contract Contract of |
| LABOR PER TASK | DESCRIPTION OF THE PERSON NAMED IN | Planning Area Description | Evisting Condition Flood Bisk | Estare Condition Flood Birth | Floodolain Magazement Practices | Additional of the proposed of the local | a relationships | Identify EAST EAST FAID | | Evaluate/Becommend EMF EMF EMP | Impacts of Basical Plan | Contribution/Impacts of Water Supply | Good Beroose Information & Artivities | Harory & Lee Be | Cloud Information of the County | Price of the Section of Prince Prince | The state of the s | Additional Outreach and Data Collection | Perform Prices and Identity Phase and Prices | Prepare Amended Regional Flood Plan | | w | | | | | | | | | STATE OF THE OWNER, TH | | The same of the same of |
| | down | Discoular Are | L | 1 | ı | | L | L | L | ı | ı | 1 | ı | Admin Bee | Cloud Inform | L | ı | 1 | 1 | | | Sudget Category Breakdown | Salaries & Wages | | p | | | | Subcontractor Services | | | 36 | San Spireton mon |
| | Tack Brenchdourn | Tark | Tack 7A | Tark 30 | Tack 2A | Total 30 | Took AA | Tack 48 | Tack AC | Today | Tark GA | Tack 68 | Tack 7 | Tarks | Tack | Tark 10 | 100 | 35K 1.1 | 188 17 | Task 13 | | Budget Co. | Salaries | Fringe | Overhead | Profit | Travel | The second | Subout | | | Retainage | The second line |



PROGRESS REPORT REGION #2 LOWER RED, SULPHUR, AND CYPRESS REGIONAL FLOOD PLAN

TO:

Chris Brown

DATE:

12/14/2022

FROM:

Joshua McClure

AVO:

43790.001

EMAIL:

imcclure@halff.com

BILLING DATE: 12/14/2022

SUBJECT: Region 2 Lower Red, Sulphur, and Cypress Regional

Flood Plan

November 1, 2022 through November 30, 2022 Effort

PROJECT UPDATES:

Task 1 - Planning Area Description

Revised for final submittal.

Task 2A – Existing Condition Flood Risk Analyses

Revised for final submittal.

Task 2B - Future Condition Flood Risk Analyses

Revised for final submittal.

Task 3A - Evaluation and Recommendations on Floodplain Management Practices

Revised for final submittal.

Task 3B - Flood Mitigation and Floodplain Management Goals

Revised for final submittal.

Task 4A - Flood Mitigation Needs Analysis

Revised for final submittal.

Task 4B - Identification and Evaluation of Potential Flood Management Evaluations and Potentially Feasible Flood Management Strategies and Flood Mitigation Projects

Revised for final submittal.

Task 4C – Prepare and Submit Technical Memorandum

Completed

Task 5 – Recommendation of Flood Management Evaluations and Flood Management Strategies and **Associated Flood Mitigation Projects**

· Revised for final submittal.



Task 6A - Impacts of Regional Flood Plan

Revised for final submittal.

Task 6B - Contributions to and Impacts on Water Supply Development and the State Water Plan

No activity.

Task 7 - Flood Response Information and Activities

No activity

Task 8 - Administrative, Regulatory, and Legislative Recommendations

· No activity.

Task 9 - Flood Infrastructure Financing Analysis

Revised for final submittal.

Task 10 - Public Participation and Plan Adoption

- · Addressed public comments and added to Chapter.
- Submitted draft Final RFP to RFPG for review
- Coordination of and participation in RFPG meetings November 3, 2022 and December 15 2022 meeting

Task 11 - Additional Outreach and Data Collection

Same as Task 10

Task 12 - Perform FMEs and Identify FMSs and FMEs

- Finalized FMP list and had RFPG approve
- Began conducting FMEs

Task 13 - Prepare Amended Regional Flood Plan

Activity has not started yet

UPCOMING ACTIVITIES:

- Weekly consultant meetings
- Finalize RFP
- Conducting FMEs
- Prepare for upcoming RFPG meeting on December 15

PROJECT SCHEDULE:

Project is currently on schedule

SPECIAL SITUATIONS/CONCERNS ENCOUNTERED OR ANTICIPATED:

None at this time.



This concludes the progress report. Halff's goal is to provide items and the current status of relevant subject matter to satisfy the project requirements. Items and/or current status prepared by Halff are believed to be true and accurate at the time this progress report was prepared. Halff cannot be responsible for the accuracy of items and/or current status reports prepared by others.

Halff Associates, Inc. P.O. Box 4897, Dept 331 Houston, TX 77210

Chris Brown Ark-Tex Council of Governments 4808 Elizabeth St

Texarkana, TX 75503

December 14, 2022

Project No:

043790.001

Invoice No: Invoice Total: 10086345 \$21,319.97

043790.001

Ark-Tex/Lower Red-Sulphur-Cypress RFPG/State Flood Plan

| Phase | 000100 | Planning Area Description | | | |
|----------------|--------|----------------------------------|--|-----------|-------|
| Billing Limits | | Current | Prior | To-Date | |
| Total Billings | | 0.00 | 35,342.00 | 35,342.00 | |
| Limit | | | | 35,342.00 | 174 |
| Phase | 000210 | Existing Condition Flood Risk | | | |
| Billing Limits | | Current | Prior | To-Date | |
| Total Billings | | 0.00 | 81,936.00 | 81,936.00 | |
| Limit | | | | 81,936.00 | |
| Phase | 000220 | Future Condition Flood Risk | | | |
| Billing Limits | | Current | Prior | To-Date | |
| Total Billings | | 0.00 | 77,384.00 | 77,384.00 | |
| Limit | | | 22.12 | 77,384.00 | |
| Phase | 000310 | Floodplain Management Practices | | 100 | |
| Billing Limits | | Current | Prior | To-Date | |
| Total Billings | | 0.00 | 2,731.00 | 2,731.00 | |
| Limit | | | | 2,731.00 | |
| Phase | 000320 | Mitigation & Management Goals | . 11 | | |
| Billing Limits | | Current | Prior | To-Date | |
| Total Billings | | 0.00 | 1,366.00 | 1,366.00 | |
| Limit | *, | | | 1,366.00 | |
| Phase | 000410 | Needs Analysis | 50 | | |
| Billing Limits | | Current | Prior | To-Date | |
| Total Billings | | 0.00 | 6,828.00 | 6,828.00 | |
| Limit | | 2811 | Language and the state of the s | 6,828.00 | |
| Phase | 000420 | Identify FME, FMS, FMP | | | |
| Billing Limits | | Current | Prior | To-Date | |
| Total Billings | | 0.00 | 20,483.58 | 20,483.58 | |
| Limit | | | | 20,484.00 | |
| Remaining | | | | .42 | II |
| Phase | 000430 | Tech Memo | Section 1997 | | |
| Billing Limits | | Current | Prior | To-Date | |
| Total Billings | | 0.00 | 13,656.00 | 13,656.00 | |
| Limit | | | | 13,656.00 | 10 10 |
| Phase | 000500 | Evaluate/Recommend FME, FMS, FMF | | | |
| Billing Limits | | Current | Prior | To-Date | |
| Total Billings | | 0.00 | 80,114.91 | 80,114.91 | |
| Limit | | | | 80,115.00 | |
| Remaining | | | | .09 | |

| Project 043790.001 | Ark-Tex/Lower Red RFP0 | 3/State Flood | Plan | | Invoice |
|-------------------------------|------------------------------|----------------|-----------|-----------|----------|
| hase 000610 | Impacts of Regional Plan | | | 22 No. 1 | |
| illing Limits | Curr | | Prior | To-Date | |
| Total Billings | C | 0.00 | 30,954.00 | 30,954.00 | |
| Limit | | | | 30,954.00 | |
| nase 000620 | Contribution/Impacts of Wat | er Supply | | | |
| illing Limits | Curr | ent | Prior | To-Date | |
| Total Billings | 0 | 0.00 | 910.00 | 910.00 | |
| Limit | | | | 910.00 | |
| hase 000700 | Flood Response Information | n & Activities | | | 1 |
| Billing Limits | Curr | ent | Prior | To-Date | |
| Total Billings | 0 | 0.00 | 1,366.00 | 1,366.00 | |
| Limit | | | | 1,366.00 | |
| hase 000800 | Admin, Reg & Leg Recomm | endations | | | |
| Billing Limits | Curr | ent | Prior | To-Date | |
| Total Billings | C | 0.00 | 7,738.00 | 7,738.00 | |
| Limit | | | | 7,738.00 | |
| Phase 000900 | Flood Infrastructure Finance | • | | | |
| Billing Limits | Curr | ent | Prior | To-Date | |
| Total Billings | (| 0.00 | 1,821.00 | 1,821.00 | |
| Limit | | | | 1,821.00 | |
| hase 001000 | Public Involvement & Plan A | Adoption | | | ,71 |
| Billing Limits | Curr | ent | Prior | To-Date | |
| Total Billings | (| 0.00 | 73,026.00 | 73,026.00 | |
| Limit | | | | 73,026.00 | |
| hase 001100 | Add. Outreach and Data Co | llection | | | |
| rofessional Personnel | | | | | |
| Professional Engineer II | | Hours | Rate | Amount | |
| Moore, Parker | 11/2/2022 | 1.00 | 63.04 | 63.04 | |
| Moore, Parker | 11/3/2022 | .50 | 63.04 | 31.52 | |
| Moore, Parker | 11/7/2022 | .50 | 63.04 | 31.52 | |
| Moore, Parker | 11/10/2022 | .50 | 63.04 | 31.52 | |
| Moore, Parker | 11/14/2022 | .50 | 63.04 | 31.52 | |
| Moore, Parker | 11/30/2022 | 1.00 | 63.04 | 63.04 | |
| GIS Analyst I Kiec, Sophia | 11/1/2022 | 1.00 | 41.30 | 41.30 | |
| Kiec, Sophia | 11/28/2022 | 3.00 | 41.30 | 123.90 | |
| Kiec, Sophia | 11/29/2022 | 3.00 | 41.30 | 123.90 | |
| Kiec, Sophia | 11/30/2022 | 3.00 | 41.30 | 123.90 | |
| Totals | | 14.00 | | 665.16 | |
| Total Labor | | | 2.3 times | 665.16 | 1,529.87 |
| Billing Limits | Curi | | Prior | To-Date | |
| Total Billings | 1,529 | 9.87 | 59,811.88 | 61,341.75 | |
| Limit | | | | 61,490.00 | |
| Remaining | | | 3 | 148.25 | |
| Phase 001200 | Perform FME ID Add. FMX | | | | |
| Professional Personnel | | Hours | Rate | Amount | |
| Professional Engineer II | | Houis | Nate | Amount | |
| Moore, Parker | 11/3/2022 | 1.00 | 63.04 | 63.04 | |
| - | | | | | |

| roject 04379 | 0.001 Ar | k-Tex/Lower Re | ed RFPG/State F | lood Plan | | | Invoice | 10086345 |
|--------------------|----------------------|----------------|--------------------|-----------|-------|--------------|-----------|----------|
| Moore, Parke | | 11/7/2022 | | 50 63 | .04 | 31.52 | | |
| Moore, Parke | | 11/10/2022 | | | .04 | 31.52 | | |
| Moore, Parke | | 11/28/2022 | | | .04 | 31.52 | | |
| Moore, Parke | | 11/29/2022 | | 50 63 | .04 | 31.52 | | |
| Moore, Parke | | 11/30/2022 | 1.0 | 00 63 | .04 | 63.04 | | |
| Professional Engir | neer IV | | | | | | | |
| McClure, Jos | | 11/1/2022 | 3.0 | 00 105 | .65 | 316.95 | | |
| McClure, Jos | | 11/2/2022 | 2.0 | 00 105 | .65 | 211.30 | | |
| McClure, Jos | hua | 11/3/2022 | 6.0 | | | 633.90 | | |
| McClure, Jos | | 11/7/2022 | 1. | | | 158.48 | | |
| McClure, Jos | | 11/8/2022 | 1. | | | 158.48 | | |
| McClure, Jos | | 11/9/2022 | 2. | | | 264.13 | | |
| McClure, Jos | | 11/10/2022 | | 00 105 | | 105.65 | | |
| McClure, Jos | | 11/11/2022 | 1.0 | | | 105.65 | | |
| McClure, Jos | | 11/14/2022 | 1.0 | | | 105.65 | | |
| McClure, Jos | | 11/15/2022 | 1.0 | | | 105.65 | | |
| McClure, Jos | | 11/18/2022 | 2.0 | | | 211.30 | | |
| McClure, Jos | | 11/28/2022 | | 00 105 | | 422.60 | | |
| McClure, Jos | | 11/29/2022 | 4. | | | 422.60 | | |
| McClure, Jos | | 11/30/2022 | 1.0 | | | 105.65 | | |
| Administrative II | | | | .50 | | | | |
| Reigel, Alisor | 1 | 11/11/2022 | 1 (| 00 38 | .26 | 38.26 | | |
| Reigel, Alisor | | 11/29/2022 | | | .26 | 19.13 | | |
| GIS Analyst I | | 11/20/2022 | 18. | 00 | .20 | 10.10 | | |
| Kiec, Sophia | | 11/10/2022 | 1 | 50 41 | .30 | 61.95 | | |
| Kiec, Sophia | | 11/16/2022 | 2.0 | | .30 | 82.60 | | |
| Kiec, Sophia | | 11/17/2022 | | | .30 | 227.15 | | |
| Kiec, Sophia | | 11/17/2022 O | | | .30 | 20.65 | | |
| Kiec, Sophia | | 11/18/2022 | 6. | | .30 | 268.45 | | |
| Kiec, Sophia | | 11/21/2022 | | | .30 | 206.50 | | |
| Kiec, Sophia | | 11/22/2022 | 8. | | .30 | 330.40 | | |
| Kiec, Sophia | | 11/23/2022 | 6. | | .30 | 247.80 | | |
| Kiec, Sophia | | 11/28/2022 | 5. | | .30 | 206.50 | | |
| Kiec, Sophia | | 11/29/2022 | | | .30 | 206.50 | | |
| Kiec, Sophia | | 11/30/2022 | | | .30 | 206.50 | | |
| GIS Analyst IV | | 11/30/2022 | 5. | 00 41 | .50 | 200.50 | | |
| Connolly, Virg | ninia | 11/3/2022 | 1 | 00 82 | .93 | 82.93 | | |
| Connolly, Virg | | 11/4/2022 | | | .93 | 20.73 | | |
| Connolly, Virg | A SHE SECTION 1 | 11/8/2022 | | | .93 | 41.47 | | |
| Connolly, Virg | | 11/10/2022 | | | .93 | 82.93 | | |
| Connolly, Virg | 70 _{000 00} | 11/18/2022 | | | .93 | 62.20 | | |
| Connolly, Virg | No. o | 11/23/2022 | | | .93 | 248.79 | | |
| Connolly, Virg | 51 | 11/23/2022 O | | | .93 | 41.47 | | |
| Connolly, Virg | | 11/28/2022 | | | .93 | 41.47 | | |
| Connolly, Virg | | 11/29/2022 | | | .93 | 20.73 | | |
| Connony, viig | Totals | 1 1/23/2022 | 94. | | | 6,345.26 | | |
| | Total Labor | | 34. | | times | 6,345.26 | 14,594.10 | |
| | I Otal Labor | | <u>19</u> 19 191 | | | Mark Arms 15 | 14,054.10 | |
| illing Limits | | | Current | | rior | To-Date | | |
| Total Billings | | | 14,594.10 | 20,843 | 3.61 | 35,437.71 | | |
| Limit | | | | | | 345,960.00 | | |
| Remaining | | | | | | 310,522.29 | | |
| | 009100 FNI | | | 12 | | | | 97 |
| onsultants | | | | | | | | |
| Consultant - Civil | France 0 N. 1 1 | | Company to a 1 C 1 | | | F 400 00 | | |
| 11/30/2022 | Freese & Nichols | | Consultant - Civ | 11 | | 5,196.00 | | |
| | Total Consultants | | | | times | 5,196.00 | 5,196.00 | |

| Project 043 | 3790.001 | Ark-Tex/Lower Red RFPG/State F | lood Plan | | Invoice | 10086345 |
|-----------------------|----------|--------------------------------|------------|-------------------------|-----------|----------|
| Billing Limits | 9.6 | Current | Prior | To-Date | | |
| Total Billings | | 5,196.00 | 294,270.28 | 299,466.28 | | |
| Limit | | | | 339,084.00 39,617.72 | | |
| Remaining | | | | 39,617.72 | | _ |
| Phase | 009200 | MTG | | | | |
| Billing Limits | | Current | Prior | To-Date | | |
| Total Billings | | 0.00 | 10,542.13 | 10,542.13 | | |
| Limit | | | | 36,618.00 | | |
| Remaining | | | | 26,075.87 | | |
| Phase | 009300 | H2O | | | | _ |
| Billing Limits | | Current | Prior | To-Date | | |
| Total Billings | | 0.00 | 21,548.75 | 21,548.75 | | |
| Limit | | | | 36,041.00 | | |
| Remaining | Ú | | | 14,492.25 | | |
| | | | Total this | Invoice | \$21,319. | .97 |

Approved:
McClure, Joshua
12/13/2022



801 Cherry Street, Suite 2800 Fort Worth, Texas 76102 Phone: (817) 735-7300 Email: Accounts.receivable@Freese.com

Halff Associates, Inc. Josh McClure 1201 N. Bowser Road Richardson TX 75081

Invoice #: 1345866 Project: HAF21355

Invoice Group: **

Invoice Date: 12/5/2022

For Professional Services Rendered through: 11/30/2022

Lower Red-Sulphur-Cypress Regional Flood Plan - Region 2 Halff Project Number: 43790.001

Pct. Not to Exceed Previous Current Total Hourly: Fee Amount Amount Comp Fee Earned **Basic Services** 339,084.00 294,270.28 5,196.00 88.32 299,466.28 294,270.28 5,196.00 339,084.00 88.32 299,466.28 **Total Hourly Services:** 339,084.00 294,270.28 Total Project Fee: 5,196.00 88.32 299,466.28

Total Fee Earned to Date:

299,466.28

Less Previous Billings:

294,270.28

Amount Due this Invoice

5,196.00

PLEASE REMIT PAYMENT TO P.O. BOX 980004, FORT WORTH, TX 76198-0004
REFERENCING FREESE AND NICHOLS PROJECT HAF21355 AND INVOICE #1345866

FOR BILLING QUESTIONS PLEASE CONTACT KYLE KENNEDY @(817)735-7423 or KYLE.KENNEDY@FREESE.COM

Project Amounts:

Project: HAF21355 -- Lower Red-Sulphur-Cypress RFP

Approved:
McClure, Joshua
12/13/2022

Phase: Phase 1 Rate Schedule Labor Class / Employee Name Amount Regular / OT Hours Rate Professional 5 Hector D Rivera Ramirez 1.50 328.50 219.00 Hector D Rivera Ramirez Regular Tim 20.50 219.00 4,489.50 22.00 4,818.00 Professional 6 James D. Keith Regular Tim 1.50 378.00 252.00 1.50 378.00 Rate Schedule Labor 5,196.00 5,196.00 Total Phase: Phase 1 Labor: Expense: 0.00 5,196.00 Total Phase: Total Hourly Services: HAF21355 -- Lower Red-Sulphur-Cypress RFP 5,196.00

Page 2 of 2

Invoice #: 1345866

Project Amounts:

Ark-Tex Council of Governments

Regional Flood Planning

Region 2 - Lower Red, Sulphur, and Cypress Basins

Sulphonoustrant: France and Nichols, Inc. (ENI)

Approved:
McClure, Joshua
12/13/2022

| UNIONETSTAN | Bulget | - May 21 | 1am 71 | 34.21 | Aug 21 | Spli | Great | | | te 22 | Fr9-22 | the H | | May 22 | - n | мп | Aug 23 | 5-922 | On 22 | | | PERMIT |
|--|---|---------------------------|-----------------|---|-----------------------------------|---------------|-----------------|---------------|---------------|----------------|-------------|-----------------------------|---------------|------------------|---------------------|-----------------------------|-----------------|---------------|------------------|--|--|----------------------|
| tuk Arreskéceur | CONTRACTOR OF THE PERSONS AND ADDRESS AND | THE STATE OF THE STATE OF | NAME OF TAXABLE | AND PROPERTY. | CONTRACTOR OF THE PERSON NAMED IN | ORGANISTING | eressessives in | PD 30032 F FE | SHEET AND IN | deligners in | SHAVE RES | Marc 80/10/10/0 | 10010018-00 | III/OAMINIIAN | STATE OF THE PARTY. | STATE OF THE PARTY NAMED IN | 0.000000000 | CONTRACTOR OF | NUMBER OF STREET | CONTRACTOR OF THE PERSON OF TH | DESCRIPTION OF THE PERSON OF T | Contract of the last |
| Task 1 Planning Area Description | 52,276.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 50.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 50.00 | \$0.00 | \$0.00 | \$2,276.00 | \$0.00 | \$0.00 | 50.00 | \$0.00 | \$2,274.00 | 50.0 |
| Task 2A Existing Condition Flood Risk | \$4,552.00 | 50.00 | \$0.00 | \$1,064 005 | \$0.00 | 50.00 | 50.00 | 50-00 | \$0.00 | 50.00 | \$6.00 | 50.00 | 50.00 | 50.00 | 50.00 | \$0.00 | 50.00 | 50.00 | 50.00 | 50.00 | \$1,084.00 | \$3.462.0 |
| Task 28 Future Condition Flood Hisk | 59,104.03 | \$0.00 | \$0.00 | \$0.00 | 5926.50 | \$3,365.50 | \$3,848.00 | \$0.00 | \$0.00 | 10.00 | \$0.00 | \$0.00 | \$764.00 | \$0.00 | \$0.00 | 50.00 | \$0.00 | 10.00 | \$0.00 | \$0.00 | \$9,304.00 | \$0.0 \$0.0 |
| Task SA Floodplain Management Practices | \$15,476.90 | \$0.00 | \$0.00 | 515,414.00 | \$42.60 | 50.00 | 50.00 | \$0.00 | \$0.00 | 50.00 | \$0.00 | \$0.00 | \$0.00 | 50.00 | \$0.00 | \$0.00 | 50.00 | 50.00 | 50.00 | \$0.00 | \$15,476.80 | 50.0 |
| Task 38 Mitigation & Management Sculp | \$7,738.43 | \$0.00 | \$0.00 | \$5,022.75 | \$1,543.00 | \$342.50 | \$830.15 | \$0.00 | \$0.00 | 50.00 | \$8.00 | \$0.00 | \$0.00 | 50.00 | 50.00 | \$0.00 | \$0.00 | \$0.00 | 50.00 | \$0.00 | \$7,718.40 | 50.0 |
| Task 4A Needs Analysis | \$30,484.00 | \$0.00 | 50-00 | \$0.00 | \$8,100.00 | \$834-00 | \$7,419.50 | 50.00 | \$0.00 | 50.00 | \$8,882.50 | \$5,246.00 | \$0.00 | 50.00 | \$0.00 | 50.00 | \$0.00 | \$0.00 | 50.00 | \$0.00 | \$20,484.00 | 50 0 50 0 |
| Task 48 Interestly FME, FMS, FMP | 5120,613.40 | \$0.00 | 50.00 | \$548.00 | \$7,500 50 | \$4,994.50 | \$4,172.00 | \$18,053.00 | 5491.50 | \$9,299.00 | \$14,954.00 | \$14,619.50 | \$7,500.75 | \$4,855.20 | \$644.00 | \$343.65 | \$0.00 | 50.00 | 50.00 | \$0.00 | \$110,613.60 | 50.0 |
| Task 4C Tech Memo | 54,552.00 | \$0.00 | 50.00 | \$6.00 | \$896.20 | \$209.00 | 5904.00 | \$627.00 | 5226.00 | 5435.00 | 50.00 | \$0.00 | 5418.00 | 50.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 50.00 | \$0.00 | \$3,715.20 | 5834.8 |
| Task 5 Evolunte/Necomment FME, FMS, FMP | 594,681.60 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 50.00 | 50.00 | \$0.00 | \$0.00 | 5731.50 | \$3,048.50 | \$8,542.54 | 526,175.70 | \$1,041.50 | \$4,336.75 | \$6,159.00 | \$2,587.50 | 54,154.00 | \$4,794.66 | \$5,196.00 | \$44,647.65 | \$34,013.9 |
| Task SA Impacts of Regional Flan | 55,462.45 | \$0.00 | \$0.00 | \$6.00 | \$0.00 | 50.00 | 50.00 | 50.00 | \$0.00 | \$0.00 | \$5.00 | \$0.00 | \$0.00 | \$600.00 | \$0.00 | \$2,907.10 | \$0.00 | \$0.00 | \$8.00 | \$0.00 | \$3,507.10 | \$1,955.3 |
| Task 68 Contribution/Impacts of Water Supply | 58.193.63 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 50.00 | 50.00 | 50.00 | \$0.00 | 50.00 | 50.00 | \$0.00 | \$0.00 | \$3,754.50 | \$1,395.00 | \$2,095.00 | 50.00 | 50.00 | \$6.00 | \$0.00 | \$7,248.50 | \$945.1 50.0 |
| Task 7 Food Response information & Activities | \$0.00 | \$0.00 | 50.00 | \$0.00 | \$0.00 | 50.00 | 50.00 | \$0.00 | \$0.00 | 50.00 | \$0.00 | \$0.00 | \$0.00 | 50.00 | \$2.00 | \$0.00 | \$0.00 | \$0.00 | \$6.00 | 50.00 | \$0.00 | 50.0 |
| Task 8 Admin, Regulatory & Leg Recommencations | \$1,365.60 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 50.00 | 50.00 | \$0.00 | \$0.00 | 50.00 | \$8.00 | \$0.00 | 50.00 | 50.00 | \$0.00 | \$438.00 | \$0.00 | \$0.00 | \$0.00 | \$2.00 | \$438.00 | 1927.8 |
| Task 9 Finod Infrastructure Finance | \$14,566.40 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 50.00 | 50.00 | \$0.00 | 50.00 | \$0.00 | \$0.00 | \$425.93 | \$2,380.50 | \$4,871.50 | \$3,417.50 | \$0.00 | \$0.00 | 50.00 | \$0.00 | \$1,095.43 | \$5,470.9 |
| Task 10 Futilic Involvement & Plan Adoption | \$40,017.60 | \$0.00 | \$0.00 | \$15,857.50 | \$1,795.30 | \$4,287.32 | \$3,806.44 | \$1,432.00 | \$1,754.30 | \$1,347.50 | \$3,806.50 | \$731.50 | \$339.00 | 50.00 | \$813.00 | \$766.50 | \$0.00 | \$729.00 | \$647.34 | \$0.00 | \$40,017.60 | 50.0 |
| fota | \$117,011.00 | 10 00 | Sires | \$17.525.75 | \$17.824.50 | \$13,634.02 | \$20,560.01 | 329,112.00 | 12.074-00 | | \$29,11350 | \$89.159.54 | \$15.423.34 | \$62,655.78 | | \$16. ACE 25 | \$2597.50 | 54,793.00 | 35,842.00 | 35,696.00 | \$299,844.28 | 517 617 1 |
| kedpet Category Breakdown | CONTRACTOR | Shirt and the | | CONTRACTOR OF THE PARTY OF THE | Contractor (Co. | DE ETABLICADA | | CONTRACTO | 20 Million 40 | Designation of | COMMENS. | STATE OF THE PARTY NAMED IN | North Control | Con 1,375 373473 | CONTRACTOR DE | COLUMN STREET | Distance of the | and the same | 190103 | - | DATE OF THE PARTY OF | COMMISSION |
| Salartes & Wages | 595,442.08 | 50.00 | \$0.00 | 510,734.07 | 55.045.72 | \$3,795.35 | \$1.881.49 | \$5,600.26 | \$587.67 | \$3,404.57 | \$4,241.30 | \$13.878.67 | \$4,927.56 | \$3,579.80 | \$3,437,20 | 54,601,14 | \$792.46 | \$1,820 12 | \$1,540.51 | \$1,470.87 | 584.471.14 | \$11,010.9 |
| Fringe | 561,652.78 | \$0.00 | \$0.00 | 54.932.28 | \$3,258.02 | 52,450 66 | \$3.797.81 | \$3,676,14 | 5375.46 | 52 158 33 | 55, 321, 46 | 58,961,590 | 56,410.11 | \$2,309.59 | 52,219.40 | 52,970.96 | 5472.95 | \$1,239.62 | \$894.71 | 5549.74 | \$54,541.02 | \$7,109.7 |
| Overhead | \$112,707.09 | \$0.00 | \$0.00 | 517,677.86 | \$5,955.96 | \$4,480.08 | 56,942,74 | 54,720.37 | 5493.68 | \$4,018.76 | 59,728.13 | \$16,387.62 | \$11,718.78 | \$4,222.19 | \$4,057.27 | 55,431.19 | \$864.60 | \$2,266.50 | \$1,818.43 | \$1,736.22 | 599,709.74 | \$12,997.3 |
| Profit | \$67,454.09 | \$0.00 | \$0.00 | \$7,545.04 | \$3,564.80 | \$2,681,42 | \$4,155.4) | \$4,022.28 | \$415.19 | \$2,405,33 | \$5,822.53 | \$9,805.42 | \$7,013.68 | \$2,527.08 | \$2,476.38 | \$3,250.71 | \$517.49 | \$1,356.56 | \$1,068.37 | \$1,039.17 | \$59,676.96 | \$1,779.2 |
| Travel | \$892.00 | 7,000 | | 11000000 | | \$227.36 | 5202.44 | 10000000 | | | | \$131.04 | \$331.16 | | 10750 7750 | | 20000 | | | | \$892.00 | \$0.0 |
| Other Expenses | 5892.00 | | | | | | | | | | | | 522.77 | | | 5348.75 | | | | | \$171.52 | \$720 4 50.0 |
| Subcontractor Services | \$0.00 | | _ | | | _ | | _ | | | _ | | _ | | _ | | | | | _ | \$1.00 | 50.0 |
| 1014 | \$114,014.00 | \$0.00 | \$2.00 | \$17.920.25 | \$17 12850 | 51543682 | 520,180.00 | 325332.00 | 32.076.00 | | \$29,11150 | \$89.559.54 | \$15 471.30 | 542495.79 | S12.142.25 | \$16.002.75 | 52,587.50 | 56,781.00 | 55.442.08 | 5949600 | 5291466.28 | \$99,627.3 |

Project Amounts:

Approved:

McClure, Joshua 12/13/2022

Project Status Report

Lower Red-Sulphur-Cypress **Regional Flood Plan**



PROJECT NAME: Lower Red-Sulphur-Cypress

Regional Flood Plan

TO:

Josh McClure, PhD, P.E., CFM, PMP

PROJECT NO.:

HAF21355

TIME PERIOD:

November 2022

FROM:

David Rivera, PhD, P.E., CFM

DATE:

December 1, 2022

PROJECT UPDATES:

Task 5 - Recommend FME, FMS, FMP

- Coordination with Halff for FME-to-FMP candidates.
- Meeting with City of Bonham to discuss FMP candidate Nov/07/2022.
- Review and preliminary responses to TWDB RFP Comments.
- Addressed TWDB comments for Final RFP
- Prepared materials and participated in RFPG Public Meeting Nov/3/2022.

UPCOMING ACTIVITIES

- Regional Flood Plan Group Meeting Dec/15/2022.
- Initiate Task 12.
- Recurring project team meetings.

PROJECT SCHEDULE

Project is on schedule.

Project Amounts:

ARK-TEX Council Of Governments
Posted General Ledger Transactions - FLOOD PLANNING PROJECT DETAIL

01 -GENERAL

| Total | 144.84 | 3.53 | 156.54 | 7.49 | 312.40 |
|-------------------------------------|----------------|-------------------|----------------|-------------------|----------|
| Transact | PRS | PRS | PRS | PRS | |
| Name | Paul M. Prange | Kathy S. McCollum | Paul M. Prange | Kathy S. McCollum | |
| nt I ID | 516 | 874 | 516 | 874 | |
| Docume | 21013 | 21110 | 21128 | 21223 | |
| Effective Date Center Document ID | 10/7/2022 434 | 10/7/2022 434 | 10/24/2022 434 | 10/24/2022 434 | |
| oject Code_Object Title | INDIRECT | INDIRECT | INDIRECT | INDIRECT | INDIRECT |
| Object Code | 50910 | 50910 | 50910 | 50910 | Total |

Total 01 - GENERAL 2,353.5

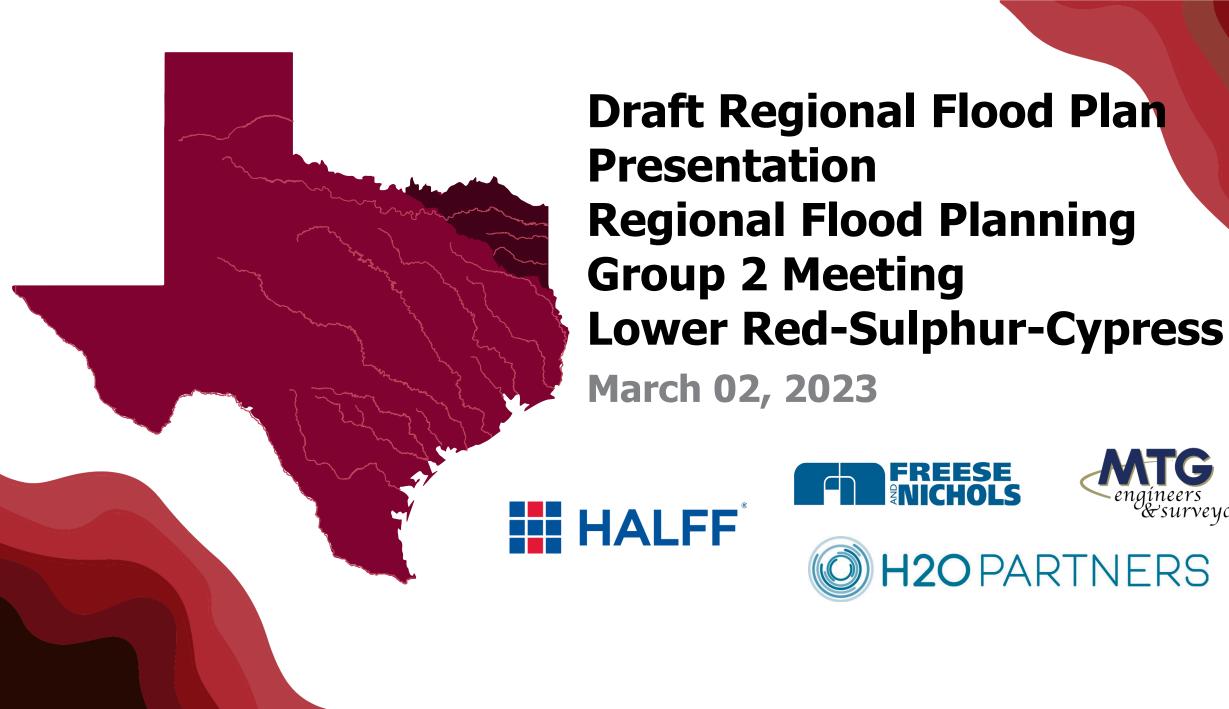
ARK-TEX Council Of Governments
Posted General Ledger Transactions - FLOOD PLANNING PROJECT DETAIL

| Total | (629.62) | 808.24 | 19.69 | 873.57 | 41.80 | 1,113.68 | 402.91 | 9.82 | 435.47 | 20.84 | 869.04 | 27.63 | 27.63 | 12.99 | 12.99 | 17.77 | 17.77 |
|----------------------------------|---------------|----------------|-------------------|----------------|-------------------|----------|----------------|-------------------|----------------|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Transact | ۸۲ | PRS | PRS | PRS | PRS | | PRS | PRS | PRS | PRS | | کر | | Λί | | 25 | |
| Name | | Paul M. Prange | Kathy S. McCollum | Paul M. Prange | Kathy S. McCollum | | Paul M. Prange | Kathy S. McCollum | Paul M. Prange | Kathy S. McCollum | | | | | | | |
| Ω | | 516 | 874 | 516 | 874 | | 516 | 874 | 516 | 874 | | | | | | | |
| Document Number | 2936 | 21013 | 21110 | 21128 | 21223 | | 21013 | 21110 | 21128 | 21223 | | 2984 | | 2983 | | 2981 | |
| Cost Effective Date Center | 10/1/2022 434 | 10/7/2022 434 | 10/7/2022 434 | 10/24/2022 434 | 10/24/2022 434 | | 10/7/2022 434 | 10/7/2022 434 | 10/24/2022 434 | 10/24/2022 434 | | 10/31/2022 434 | | 10/31/2022 434 | | 10/31/2022 434 | |
| GENERAL Object Code Object Title | SALARIES | SALARIES | SALARIES | SALARIES | SALARIES | SALARIES | BENEFITS | BENEFITS | BENEFITS | BENEFITS | BENEFITS | RENT | RENT | TELEPHONE . | TELEPHONE | COPIER | COPIER |
| GENERAL Object Code | 50110 | 50110 | 50110 | 50110 | 50110 | Total | 50210 | 50210 | 50210 | 50210 | Total 50210 | 50410 | Total 50410 | 50420 | Total 50420 | 50440 | Total 50440 |

ARK-TEX Council Of Governments Posted General Ledger Transactions

| | guir |
|---|----------|
| | Planr |
| , | Flood |
| | Regional |
| | 420 - R |
| | |

| | (629.62) | 19.69 | 808.24 | 873.57 | 41.80 | 249.59 | 499.19 | 41.80 | 124.80 | 249.59 | 499.18 | 10.45 | 124.80 | 124.79 | 62.39 | 3,100.26 | 3,100.26 |
|----------------------|----------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------|--------------|
| Totals | | | | | | | | | | | | | | | | | |
| Effective Date | 10/1/2022 | 10/7/2022 | 10/7/2022 | 10/24/2022 | 10/24/2022 | 11/3/2022 | 11/17/2022 | 11/17/2022 | 12/5/2022 | 12/19/2022 | 1/2/2023 | 1/2/2023 | 1/13/2023 | 1/30/2023 | 2/13/2023 | | |
| Đ. | | Kathy S. McCollum | Paul M. Prange | Paul M. Prange | Kathy S. McCollum | Paul M. Prange | Paul M. Prange | Kathy S. McCollum | Paul M. Prange | Paul M. Prange | Paul M. Prange | Kathy S. McCollum | Paul M. Prange | Paul M. Prange | Paul M. Prange | | |
| Name | | Kathy | Paul I | Paul I | Kathy | Paul P | Paul P | Kathy | Paul I | Paul I | Paul I | Kathy | Paul P | Paul P | Paul | | |
| Cost Center Title | Regional Flood | Regional Flood Planning | | |
| Cost Code | 434 | 434 | 434 | 434 | 434 | 434 | 434 | 434 | 434 | 434 | 434 | 434 | 434 | 434 | 434 | | |
| Object Title | SALARIES | SALARIES | SALARIES | SALARIES | SALARIES | SALARIES | SALARIES | SALARIES | SALARIES | SALARIES | SALARIES | SALARIES | SALARIES | SALARIES | SALARIES | SALARIES | |
| Object Code | 50110 | 50110 | 50110 | 50110 | 50110 | 50110 | 50110 | 50110 | 50110 | 50110 | 50110 | 50110 | 50110 | 50110 | 50110 | Total 50110 | Report Total |



Agenda

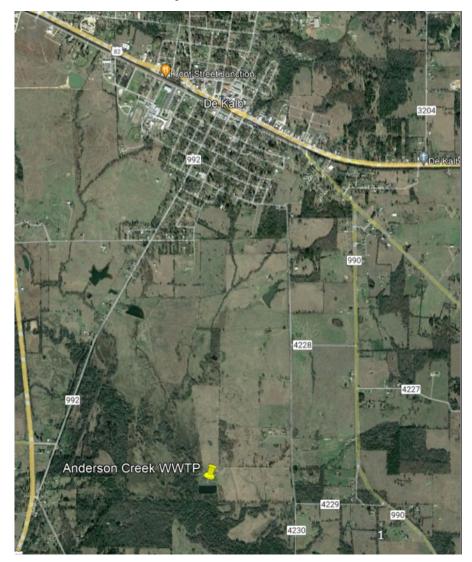
- Summary of Final RFP
- Task 12 Update
- Schedule

Task 12 Update

- Screening level assessment for nine (9) FME Candidates in progress
- Included cities:
 - Dekalb
 - Hooks
 - Texarkana
 - Atlanta
 - Paris
 - Bonham
 - Nash

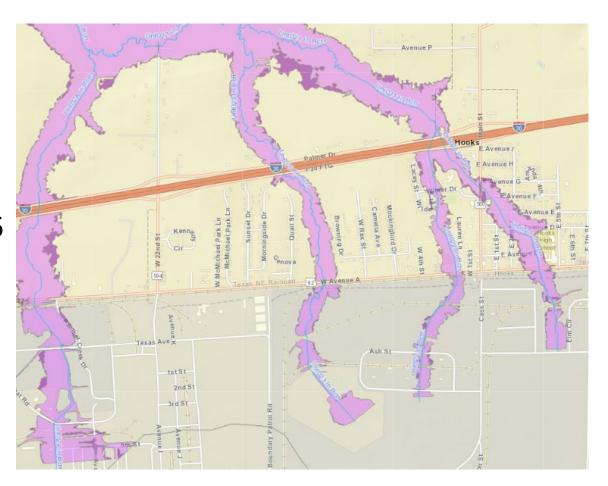
Anderson Creek WWTP Flood Study

- FME ID 021000026
- Evaluate need for and establish requirements for a levee to protect the WWTP
- Screening level Assessment:
 - Feasible FMP can be developed
 - FMP would likely meet the "No Negative Impact"



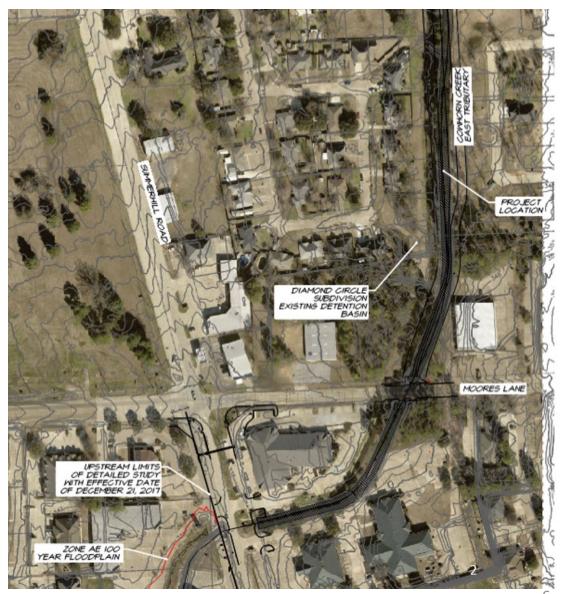
City of Hooks Infrastructure

- FME ID 021000030
- Address flooding along the creeks in Hooks
- Screening level Assessment:
 - Conducted field visit February 16
 - Updating BLE models to verify flooding issues
 - "No negative impact" determination unknown



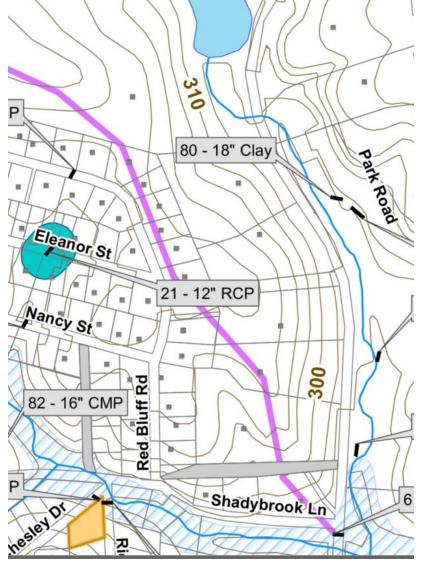
Cowhorn Creek East

- FME ID 021000032
- Develop mitigation alternatives for flooding in Diamond Circle subdivision
- Screening level Assessment:
 - Updating existing conditions models
 - "No negative impact" determination unknown



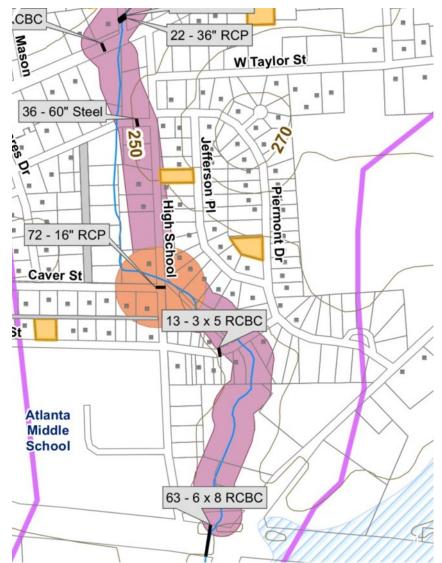
City of Atlanta Eleanor St and Red Bluff St. Project/Phase No. 3

- FME ID 021000040
- Replace culvert crossings
- Screening level Assessment:
 - Requested additional information on February 17
 - Evaluation not being performed



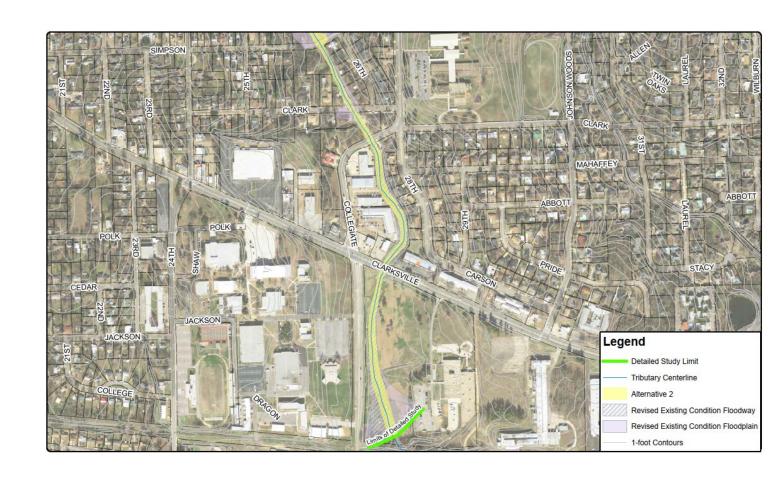
City of Atlanta Park View St and Jefferson St. Project/Phase No. 4

- FME ID 021000042
- Install culvert crossings
- Screening level Assessment:
 - Requested additional information on February 17
 - Evaluation not being performed



City of Paris Big Sandy Creek Tribs 4 and 6 Improvements

- FME ID 021000042
- Reduce risk of flooding along streams
- Screening level Assessment:
 - Obtained existing conditions models
 - Incorporating three (3) alternatives into one project
 - "No negative impact" determination unknown



City of Texarkana Gauges

- FME ID 021000060
- Install flood warning gauges for flood-prone areas
- Screening level Assessment:
 - Preliminary locations established
 - Scheduling meeting with City
 - FMP would likely meet the "No Negative Impact"



Pecan to Waggoner Creek Channel Improvements

- FME ID 021000064
- Reduce risk of flooding for structures downstream of N. Pecan St.
- Screening level Assessment:
 - Updating BLE models with preliminary mitigation opitons
 - "No negative impact" determination unknown



Pig Branch Watershed Culvert Study Update

- FME ID 021000066
- Alleviate existing and potential flood damages for various crossings
- Screening level Assessment:
 - Updating existing conditions models
 - Investigating potential mitigation options
 - 100-year level of service may not be feasible
 - "No negative impact" determination unknown



Schedule

- March 2 RFPG Meeting
- March Initial FMEs completed and collecting new FMXs
- April 6 RFPG Meeting
 - Discuss FME Results and potential for FMPs
 - Discuss new FMXs received
- April May Prepare Amended RFP
- May 4 RFPG Meeting
 - Recommend FMPs and new FMEs for inclusion in the plan
 - Update on Amended Plan
- May 11 Submit Amended RFP for public comment (min 14 days before vote)
- June 1 Public Meeting, Review and Approve Amended RFP
- June 15 Public comment period closes
- July 14, 2023 Amended RFP Due to TWDB