

**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**

**or**

**Via teleconference/webinar**

**Use the following information to register for the meeting:**

[https://us06web.zoom.us/meeting/register/tZcpdO-gqzMuGNKTRwWBxO\\_0sE395PW4c1pd](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](mailto:pprange@atcog.org).

**Agenda:**

1. Call to Order
2. Welcome
3. Confirmation of attendees / determination of quorum
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

**Technical Consultant Update**

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](mailto: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](mailto: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](http://www.texasfloodregion2.org), or by contacting Paul Prange at [pprange@atcog.org](mailto: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](http://www.texasfloodregion2.org). If you wish to be notified electronically of RFPG activities, please submit a request to [pprange@atcog.org](mailto: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:**

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (x) / Absent ( ) / Alternate Present (*)</u>
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

<u>Non-voting Member</u>	<u>Agency</u>	<u>Present(x)/Absent( )/ Alternate Present (*)</u>
James (Clay) Shipes	Texas Parks and Wildlife Department	
Andrea Sanders	Texas Division of Emergency Management	X
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)	X
Michelle Havelka	Texas Commission on Environmental Quality	X
Lisa M. Mairs	USACE, Galveston District	
Travis Wilsey	USACE, Tulsa District	
Randy Whiteman	RFPG 1 Liaison	
Richard Brontoli	Red River Valley Association	X
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 TDDDB 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.*

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Reeves Hayter, CHAIR



#12

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	Hourly Rate	Amount
<b>Direct Labor</b>			
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
<b>Subtotal Direct Labor</b>	<b>44.00</b>		<b>\$ 2,421.21</b>
Direct Labor			\$ 2,421.21
Overhead on Direct Labor (Fringe)		76.20%	\$ 1,844.96
General & Administrative Overhead		137.50%	\$ 3,329.16
<b>Subtotal Direct Labor + OH &amp; GA</b>			<b>\$ 7,595.33</b>
Profit or Fee		10.00%	\$ 759.53
<b>Subtotal Total Labor</b>			<b>\$ 8,354.86</b>
Delivery	x 1.00		\$ -
Other Expenses	x 1.00		\$ -
Mileage	x 0.585		\$ -
<b>Subtotal Direct Cost</b>			<b>\$ -</b>
<b>Subconsultants</b>	5,442.00 x 1.00		<b>\$ 5,442.00</b>
<b>Current Invoice Amount</b>			<b>\$ 13,796.86</b>
<b>Amount Due this Invoice</b>			<b>\$ 13,796.86</b>

Amounts Billed to Date:

Contract Amount	\$	1,399,000.00
Prior Billings	\$	828,876.28
This Invoice	\$	13,796.86
<b>Total Amount Billed to Date</b>	<b>\$</b>	<b>842,673.14</b>

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.

CHK# 11029  
 11-16-22



- 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

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**UPCOMING ACTIVITIES:**

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

**PROJECT SCHEDULE:**

- Project is currently on schedule
-





**HALFF**<sup>®</sup>

1201 North Bowser Road  
Richardson, Texas 75081  
(214) 346-6200

**SPECIAL SITUATIONS/CONCERNS ENCOUNTERED OR ANTICIPATED:**

None at this time.

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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.





Half 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: 10084043  
Invoice Total: \$13,796.86

043790.001 Ark-Tex/Lower Red-Sulphur-Cypress RFPG/State Flood Plan  
Professional Services thru October 31, 2022

Phase	000100	Planning Area Description			
<b>Billing Limits</b>			<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings			0.00	35,342.00	35,342.00
Limit					35,342.00
Phase	000210	Existing Condition Flood Risk			
<b>Billing Limits</b>			<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings			0.00	81,936.00	81,936.00
Limit					81,936.00
Phase	000220	Future Condition Flood Risk			
<b>Billing Limits</b>			<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings			0.00	77,384.00	77,384.00
Limit					77,384.00
Phase	000310	Floodplain Management Practices			
<b>Billing Limits</b>			<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings			0.00	2,731.00	2,731.00
Limit					2,731.00
Phase	000320	Mitigation & Management Goals			
<b>Billing Limits</b>			<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings			0.00	1,366.00	1,366.00
Limit					1,366.00
Phase	000410	Needs Analysis			
<b>Billing Limits</b>			<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings			0.00	6,828.00	6,828.00
Limit					6,828.00
Phase	000420	Identify FME, FMS, FMP			
<b>Billing Limits</b>			<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings			0.00	20,483.58	20,483.58
Limit					20,484.00
Remaining					.42
Phase	000430	Tech Memo			
<b>Billing Limits</b>			<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings			0.00	13,656.00	13,656.00
Limit					13,656.00
Phase	000500	Evaluate/Recommend FME, FMS, FMP			
<b>Billing Limits</b>			<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings			0.00	80,114.91	80,114.91
Limit					80,115.00
Remaining					.09

Phase	000610	Impacts of Regional Plan		
<b>Billing Limits</b>			<b>Current</b>	<b>Prior</b>
Total Billings			0.00	30,954.00
Limit				30,954.00

Phase	000620	Contribution/Impacts of Water Supply		
<b>Billing Limits</b>			<b>Current</b>	<b>Prior</b>
Total Billings			0.00	910.00
Limit				910.00

Phase	000700	Flood Response Information & Activities		
<b>Billing Limits</b>			<b>Current</b>	<b>Prior</b>
Total Billings			0.00	1,366.00
Limit				1,366.00

Phase	000800	Admin, Reg & Leg Recommendations		
<b>Billing Limits</b>			<b>Current</b>	<b>Prior</b>
Total Billings			0.00	7,738.00
Limit				7,738.00

Phase	000900	Flood Infrastructure Finance		
<b>Billing Limits</b>			<b>Current</b>	<b>Prior</b>
Total Billings			0.00	1,821.00
Limit				1,821.00

Phase	001000	Public Involvement & Plan Adoption		
<b>Billing Limits</b>			<b>Current</b>	<b>Prior</b>
Total Billings			0.00	73,026.00
Limit				73,026.00

Phase	001100	Add. Outreach and Data Collection		
<b>Professional Personnel</b>				

			Hours	Rate	Amount	
Professional Engineer II						
Moore, Parker	10/6/2022		1.00	63.04	63.04	
Moore, Parker	10/11/2022		.50	63.04	31.52	
Moore, Parker	10/12/2022		.50	63.04	31.52	
Moore, Parker	10/13/2022		.50	63.04	31.52	
Moore, Parker	10/17/2022		.50	63.04	31.52	
Moore, Parker	10/26/2022		1.00	63.04	63.04	
Moore, Parker	10/28/2022		.50	63.04	31.52	
GIS Analyst I						
Kiec, Sophia	10/28/2022		2.00	41.30	82.60	
Kiec, Sophia	10/31/2022		2.00	41.30	82.60	
Totals			8.50		448.88	
<b>Total Labor</b>				<b>2.3 times</b>	<b>448.88</b>	<b>1,032.42</b>

<b>Billing Limits</b>		<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings		1,032.42	58,779.46	59,811.88
Limit				61,490.00
Remaining				1,678.12

Phase	001200	Perform FME ID Add. FMX		
<b>Professional Personnel</b>				

			Hours	Rate	Amount
Professional Engineer II					
Moore, Parker	10/3/2022		.50	63.04	31.52
Moore, Parker	10/4/2022		1.00	63.04	63.04

Project	043790.001	Ark-Tex/Lower Red RFPG/State Flood Plan			Invoice	10084043
Moore, Parker	10/5/2022	.50	63.04	31.52		
Moore, Parker	10/6/2022	1.00	63.04	63.04		
Moore, Parker	10/10/2022	1.00	63.04	63.04		
Moore, Parker	10/19/2022	.50	63.04	31.52		
Moore, Parker	10/20/2022	1.00	63.04	63.04		
Moore, Parker	10/26/2022	.50	63.04	31.52		
Moore, Parker	10/28/2022	1.00	63.04	63.04		
Moore, Parker	10/31/2022	1.00	63.04	63.04		

Professional Engineer IV

McClure, Joshua	10/4/2022	1.00	105.65	105.65		
McClure, Joshua	10/5/2022	3.00	105.65	316.95		
McClure, Joshua	10/6/2022	6.00	105.65	633.90		
McClure, Joshua	10/10/2022	1.00	105.65	105.65		
McClure, Joshua	10/11/2022	1.50	105.65	158.48		
McClure, Joshua	10/17/2022	1.50	105.65	158.48		
McClure, Joshua	10/18/2022	1.00	105.65	105.65		
McClure, Joshua	10/19/2022	1.00	105.65	105.65		
McClure, Joshua	10/20/2022	2.00	105.65	211.30		
McClure, Joshua	10/21/2022	.50	105.65	52.83		
McClure, Joshua	10/31/2022	2.00	105.65	211.30		

Administrative II

Reigel, Alison	10/17/2022	1.50	38.26	57.39		
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GIS Analyst IV

Connolly, Virginia	10/24/2022	1.00	82.93	82.93		
Connolly, Virginia	10/25/2022	.75	82.93	62.20		
Connolly, Virginia	10/26/2022	.75	82.93	62.20		
Connolly, Virginia	10/27/2022	1.25	82.93	103.66		
Connolly, Virginia	10/28/2022	1.50	82.93	124.40		
Connolly, Virginia	10/31/2022	.25	82.93	20.73		

Totals 35.50 2.3 times 3,183.67

**Total Labor 7,322.44**

**Billing Limits**

	Current	Prior	To-Date
Total Billings	7,322.44	13,521.17	20,843.61
Limit			345,960.00
Remaining			325,116.39

Phase 009100 FNI

**Consultants**

Consultant - Civil					
10/31/2022	Freese & Nichols	Ark-Tex/Lower Red RFPG/State Flood Plan		5,442.00	

**Total Consultants 1.0 times 5,442.00 5,442.00**

**Billing Limits**

	Current	Prior	To-Date
Total Billings	5,442.00	288,828.28	294,270.28
Limit			339,084.00
Remaining			44,813.72

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

Project 043790.001  
Remaining

Ark-Tex/Lower Red RFPG/State Flood Plan

Invoice 10084043

14,492.25

**Total this Invoice** \$13,796.86



Approved:\*  
McClure, Joshua  
11/8/2022



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

Half 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  
Half Project Number: 43790.001

Hourly:	Not to Exceed Fee	Previous Amount	Current Amount	Pct. Comp	Total Fee Earned
Basic Services	339,084.00	288,828.28	5,442.00	86.78	294,270.28
<b>Total Hourly Services:</b>	<b>339,084.00</b>	<b>288,828.28</b>	<b>5,442.00</b>	<b>86.78</b>	<b>294,270.28</b>
<b>Total Project Fee:</b>	<b>339,084.00</b>	<b>288,828.28</b>	<b>5,442.00</b>	<b>86.78</b>	<b>294,270.28</b>
<b>Total Fee Earned to Date:</b>					<b>294,270.28</b>
<b>Less Previous Billings:</b>					<b>288,828.28</b>
<b>Amount Due this Invoice</b>					<b>5,442.00</b>

**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:

043790.001 Ark-Tex/Lower Red RFPG/State Flood Plan 009100 FNI 510.10 \$5,442.00

Approved:\*  
 McClure, Joshua  
 11/8/2022

<b>Phase : Phase 1</b>				
<b>Rate Schedule Labor</b>				
<u>Class / Employee Name</u>	<u>Regular / OT</u>	<u>Hours</u>	<u>Rate</u>	<u>Amount</u>
<b>Professional 2</b>				
Ryshena Providence	Regular Tim	2.00	144.00	288.00
Christina Gildea	Regular Tim	1.00	144.00	144.00
<b>Total: Professional 2</b>		<u>3.00</u>		<u>432.00</u>
<b>Professional 5</b>				
Hector D Rivera Ramirez	Overtime	4.00	219.00	876.00
Hector D Rivera Ramirez	Regular Tim	16.00	219.00	3,504.00
		----- 20.00		----- 4,380.00
<b>Professional 6</b>				
James D. Keith	Regular Tim	2.50	252.00	630.00
		----- 2.50		----- 630.00
			<b>Rate Schedule Labor</b>	<b>5,442.00</b>
<b>Total Phase : Phase 1</b>			<b>Labor :</b>	<b>5,442.00</b>
			<b>Expense :</b>	<b>0.00</b>
			<b>Total Phase :</b>	<b>5,442.00</b>
<b>Total Hourly Services : HAF21355 -- Lower Red-Sulphur-Cypress RFP</b>				<b>5,442.00</b>

Project Amounts:

043790.001 Ark-Tex/Lower Red RFPG/State Flood Plan 009100 FNI 510.10 \$5,442.00

Project Status Report  
Lower Red-Sulphur-Cypress  
Regional Flood Plan



Innovative approaches  
Practical results  
Outstanding service

Approved:\*  
McClure, Joshua  
11/8/2022

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:**

043790.001 Ark-Tex/Lower Red RFPG/State Flood Plan 009100 FNI 510.10 \$5,442.00

Approved:\*  
 McClure, Joshua  
 11/8/2022

LABOR PER TASK		Budget	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21
<b>Task Breakdown</b>										
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
<b>TOTAL</b>		<b>\$339,084.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$37,926.25</b>	<b>\$17,824.50</b>	<b>\$13,634.82</b>	<b>\$20,980.09</b>	<b>\$20,112.00</b>	<b>\$2,076.00</b>
<b>Budget Category Breakdown</b>										
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 Expenses		\$892.00								
Subcontractor Services		\$0.00								
<b>TOTAL</b>		<b>\$339,084.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$37,926.25</b>	<b>\$17,824.50</b>	<b>\$13,634.82</b>	<b>\$20,980.09</b>	<b>\$20,112.00</b>	<b>\$2,076.00</b>

Project Amounts:

043790.001 Ark-Tex/Lower Red RFPG/State Flood Plan 009100 FNI 510.10 \$5,442.00



Approved:\*  
 McClure, Joshua  
 11/8/2022

ments  
 ig  
 press Basins  
 ls, 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	\$0.00
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7,738.40	\$0.00
\$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	\$0.00
\$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	\$927.60
\$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	\$5,470.97
\$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	\$44,813.72
\$3,404.57	\$8,241.38	\$13,878.87	\$9,927.38	\$3,576.88	\$3,437.20	\$4,601.14	\$732.46	\$1,920.12	\$1,540.51	\$83,000.27	\$12,481.81
\$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	\$14,733.53
\$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							\$892.00	\$0.00
			\$22.77			\$148.75				\$171.52	\$720.48
										\$0.00	\$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	\$44,813.72

Project Amounts:

043790.001 Ark-Tex/Lower Red RFPG/State Flood Plan 009100 FNI 510.10 \$5,442.00



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

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

Description	Hours	Hourly Rate	Amount
<b>Direct Labor</b>			
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
<b>Subtotal Direct Labor</b>	<b>108.75</b>		<b>\$ 4,672.67</b>
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
<b>Subtotal Total Labor</b>			<b>\$ 16,123.97</b>
Delivery	x 1.00		\$ -
Other Expenses	x 1.00		\$ -
Mileage	x 0.585		\$ -
<b>Subtotal Direct Cost</b>			<b>\$ -</b>
<b>Subconsultants</b>	5,196.00 x 1.00		<b>\$ 5,196.00</b>
<b>Current Invoice Amount</b>			<b>\$ 21,319.97</b>
<b>Amount Due this Invoice</b>			<b>\$ 21,319.97</b>

Amounts Billed to Date:

Contract Amount	\$	1,399,000.00
Prior Billings	\$	842,673.14
This Invoice	\$	21,319.97
<b>Total Amount Billed to Date</b>	<b>\$</b>	<b>863,993.11</b>

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.







**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

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**UPCOMING ACTIVITIES:**

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

**PROJECT SCHEDULE:**

- Project is currently on schedule

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**SPECIAL SITUATIONS/CONCERNS ENCOUNTERED OR ANTICIPATED:**

None at this time.

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1201 North Bowser Road  
Richardson, Texas 75081  
(214) 346-6200

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.

Half 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: 10086345  
Invoice Total: \$21,319.97

043790.001 Ark-Tex/Lower Red-Sulphur-Cypress RFPG/State Flood Plan  
**Professional Services thru November 30, 2022**

Phase	000100	Planning Area Description			
<b>Billing Limits</b>			<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings			0.00	35,342.00	35,342.00
Limit					35,342.00
Phase	000210	Existing Condition Flood Risk			
<b>Billing Limits</b>			<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings			0.00	81,936.00	81,936.00
Limit					81,936.00
Phase	000220	Future Condition Flood Risk			
<b>Billing Limits</b>			<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings			0.00	77,384.00	77,384.00
Limit					77,384.00
Phase	000310	Floodplain Management Practices			
<b>Billing Limits</b>			<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings			0.00	2,731.00	2,731.00
Limit					2,731.00
Phase	000320	Mitigation & Management Goals			
<b>Billing Limits</b>			<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings			0.00	1,366.00	1,366.00
Limit					1,366.00
Phase	000410	Needs Analysis			
<b>Billing Limits</b>			<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings			0.00	6,828.00	6,828.00
Limit					6,828.00
Phase	000420	Identify FME, FMS, FMP			
<b>Billing Limits</b>			<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings			0.00	20,483.58	20,483.58
Limit					20,484.00
Remaining					.42
Phase	000430	Tech Memo			
<b>Billing Limits</b>			<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings			0.00	13,656.00	13,656.00
Limit					13,656.00
Phase	000500	Evaluate/Recommend FME, FMS, FMP			
<b>Billing Limits</b>			<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings			0.00	80,114.91	80,114.91
Limit					80,115.00
Remaining					.09

Phase	000610	Impacts of Regional Plan		
<b>Billing Limits</b>			<b>Current</b>	<b>Prior</b>
Total Billings			0.00	30,954.00
Limit				30,954.00

Phase	000620	Contribution/Impacts of Water Supply		
<b>Billing Limits</b>			<b>Current</b>	<b>Prior</b>
Total Billings			0.00	910.00
Limit				910.00

Phase	000700	Flood Response Information & Activities		
<b>Billing Limits</b>			<b>Current</b>	<b>Prior</b>
Total Billings			0.00	1,366.00
Limit				1,366.00

Phase	000800	Admin, Reg & Leg Recommendations		
<b>Billing Limits</b>			<b>Current</b>	<b>Prior</b>
Total Billings			0.00	7,738.00
Limit				7,738.00

Phase	000900	Flood Infrastructure Finance		
<b>Billing Limits</b>			<b>Current</b>	<b>Prior</b>
Total Billings			0.00	1,821.00
Limit				1,821.00

Phase	001000	Public Involvement & Plan Adoption		
<b>Billing Limits</b>			<b>Current</b>	<b>Prior</b>
Total Billings			0.00	73,026.00
Limit				73,026.00

Phase	001100	Add. Outreach and Data Collection		
<b>Professional Personnel</b>				

			Hours	Rate	Amount
Professional Engineer II					
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
<b>Total Labor</b>				<b>2.3 times</b>	<b>665.16</b>
					<b>1,529.87</b>

<b>Billing Limits</b>			<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings			1,529.87	59,811.88	61,341.75
Limit					61,490.00
Remaining					148.25

Phase	001200	Perform FME ID Add. FMX		
<b>Professional Personnel</b>				

			Hours	Rate	Amount
Professional Engineer II					
Moore, Parker	11/3/2022		1.00	63.04	63.04



Project	043790.001	Ark-Tex/Lower Red RFPG/State Flood Plan			Invoice	10086345
	Moore, Parker	11/7/2022	.50	63.04		31.52
	Moore, Parker	11/10/2022	.50	63.04		31.52
	Moore, Parker	11/28/2022	.50	63.04		31.52
	Moore, Parker	11/29/2022	.50	63.04		31.52
	Moore, Parker	11/30/2022	1.00	63.04		63.04
	Professional Engineer IV					
	McClure, Joshua	11/1/2022	3.00	105.65		316.95
	McClure, Joshua	11/2/2022	2.00	105.65		211.30
	McClure, Joshua	11/3/2022	6.00	105.65		633.90
	McClure, Joshua	11/7/2022	1.50	105.65		158.48
	McClure, Joshua	11/8/2022	1.50	105.65		158.48
	McClure, Joshua	11/9/2022	2.50	105.65		264.13
	McClure, Joshua	11/10/2022	1.00	105.65		105.65
	McClure, Joshua	11/11/2022	1.00	105.65		105.65
	McClure, Joshua	11/14/2022	1.00	105.65		105.65
	McClure, Joshua	11/15/2022	1.00	105.65		105.65
	McClure, Joshua	11/18/2022	2.00	105.65		211.30
	McClure, Joshua	11/28/2022	4.00	105.65		422.60
	McClure, Joshua	11/29/2022	4.00	105.65		422.60
	McClure, Joshua	11/30/2022	1.00	105.65		105.65
	Administrative II					
	Reigel, Alison	11/11/2022	1.00	38.26		38.26
	Reigel, Alison	11/29/2022	.50	38.26		19.13
	GIS Analyst I					
	Kiec, Sophia	11/10/2022	1.50	41.30		61.95
	Kiec, Sophia	11/16/2022	2.00	41.30		82.60
	Kiec, Sophia	11/17/2022	5.50	41.30		227.15
	Kiec, Sophia	11/17/2022 Ovt	.50	41.30		20.65
	Kiec, Sophia	11/18/2022	6.50	41.30		268.45
	Kiec, Sophia	11/21/2022	5.00	41.30		206.50
	Kiec, Sophia	11/22/2022	8.00	41.30		330.40
	Kiec, Sophia	11/23/2022	6.00	41.30		247.80
	Kiec, Sophia	11/28/2022	5.00	41.30		206.50
	Kiec, Sophia	11/29/2022	5.00	41.30		206.50
	Kiec, Sophia	11/30/2022	5.00	41.30		206.50
	GIS Analyst IV					
	Connolly, Virginia	11/3/2022	1.00	82.93		82.93
	Connolly, Virginia	11/4/2022	.25	82.93		20.73
	Connolly, Virginia	11/8/2022	.50	82.93		41.47
	Connolly, Virginia	11/10/2022	1.00	82.93		82.93
	Connolly, Virginia	11/18/2022	.75	82.93		62.20
	Connolly, Virginia	11/23/2022	3.00	82.93		248.79
	Connolly, Virginia	11/23/2022 Ovt	.50	82.93		41.47
	Connolly, Virginia	11/28/2022	.50	82.93		41.47
	Connolly, Virginia	11/29/2022	.25	82.93		20.73
	Totals		94.75			6,345.26
	<b>Total Labor</b>			<b>2.3 times</b>		<b>6,345.26</b>
						<b>14,594.10</b>
<b>Billing Limits</b>			<b>Current</b>	<b>Prior</b>		<b>To-Date</b>
Total Billings			14,594.10	20,843.61		35,437.71
Limit						345,960.00
Remaining						310,522.29
Phase	009100	FNI				
<b>Consultants</b>						
Consultant - Civil						
11/30/2022	Freese & Nichols		Consultant - Civil			5,196.00
	<b>Total Consultants</b>			<b>1.0 times</b>		<b>5,196.00</b>
						<b>5,196.00</b>

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Project 043790.001 Ark-Tex/Lower Red RFPG/State Flood Plan Invoice 10086345

<b>Billing Limits</b>	<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings	5,196.00	294,270.28	299,466.28
Limit			339,084.00
Remaining			39,617.72

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<b>Billing Limits</b>	<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings	0.00	10,542.13	10,542.13
Limit			36,618.00
Remaining			26,075.87

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<b>Billing Limits</b>	<b>Current</b>	<b>Prior</b>	<b>To-Date</b>
Total Billings	0.00	21,548.75	21,548.75
Limit			36,041.00
Remaining			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

Half 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  
Half Project Number: 43790.001

Hourly:	Not to Exceed Fee	Previous Amount	Current Amount	Pct. Comp	Total Fee Earned
Basic Services	339,084.00	294,270.28	5,196.00	88.32	299,466.28
<b>Total Hourly Services:</b>	<b>339,084.00</b>	<b>294,270.28</b>	<b>5,196.00</b>	<b>88.32</b>	<b>299,466.28</b>
<b>Total Project Fee:</b>	<b>339,084.00</b>	<b>294,270.28</b>	<b>5,196.00</b>	<b>88.32</b>	<b>299,466.28</b>
<b>Total Fee Earned to Date:</b>					<b>299,466.28</b>
<b>Less Previous Billings:</b>					<b>294,270.28</b>
<b>Amount Due this Invoice</b>					<b>5,196.00</b>

**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:

043790.001 Ark-Tex/Lower Red RFPG/State Flood Plan 009100 FNI 510.10 \$5,196.00

Approved:  
 McClure, Joshua  
 12/13/2022

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

Project Amounts:

043790.001 Ark-Tex/Lower Red RFPG/State Flood Plan 009100 FNI 510.10 \$5,196.00

Ark-Tex Council of Governments  
 Regional Flood Planning  
 Region 2 - Lower Red, Subunit, and Cypress Basins  
 Subconsultant: Freese and Nichols, Inc. (FNI)

Approved:  
 McClure, Joshua  
 12/13/2022

Task Description	Receipt	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Total	Remaining
<b>Total</b>	<b>\$1,000,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$1,000,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$1,000,000.00</b>	<b>\$0.00</b>

Project Amounts:

043790.001 Ark-Tex/Lower Red RFPG/State Flood Plan 009100 FNI 510.10 \$5,196.00



## Project Status Report

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



Innovative approaches  
Practical results  
Outstanding service

Approved:  
McClure, Joshua  
12/13/2022

<b>PROJECT NAME:</b>	Lower Red-Sulphur-Cypress Regional Flood Plan	<b>PROJECT NO.:</b>	HAF21355
<b>TO:</b>	Josh McClure, PhD, P.E., CFM, PMP	<b>TIME PERIOD:</b>	November 2022
<b>FROM:</b>	David Rivera, PhD, P.E., CFM	<b>DATE:</b>	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:

043790.001 Ark-Tex/Lower Red RFPG/State Flood Plan 009100 FNI 510.10 \$5,196.00

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

01 -  
 GENERAL

Object Code	Object Title	Effective Date	Center	Document ID	Name	Transact	Total
50910	INDIRECT	10/7/2022	434	21013	Paul M. Prange	PRS	144.84
50910	INDIRECT	10/7/2022	434	21110	Kathy S. McCollum	PRS	3.53
50910	INDIRECT	10/24/2022	434	21128	Paul M. Prange	PRS	156.54
50910	INDIRECT	10/24/2022	434	21223	Kathy S. McCollum	PRS	7.49
<b>Total</b>	<b>INDIRECT</b>						<b><u>312.40</u></b>
					Total 01 - GENERAL		<u>2,353.50</u>

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

GENERAL

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



**ARK-TEX Council Of Governments**  
 Posted General Ledger Transactions  
 420 - Regional Flood Planning

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



# Draft Regional Flood Plan Presentation Regional Flood Planning Group 2 Meeting Lower Red-Sulphur-Cypress

March 02, 2023





# Agenda

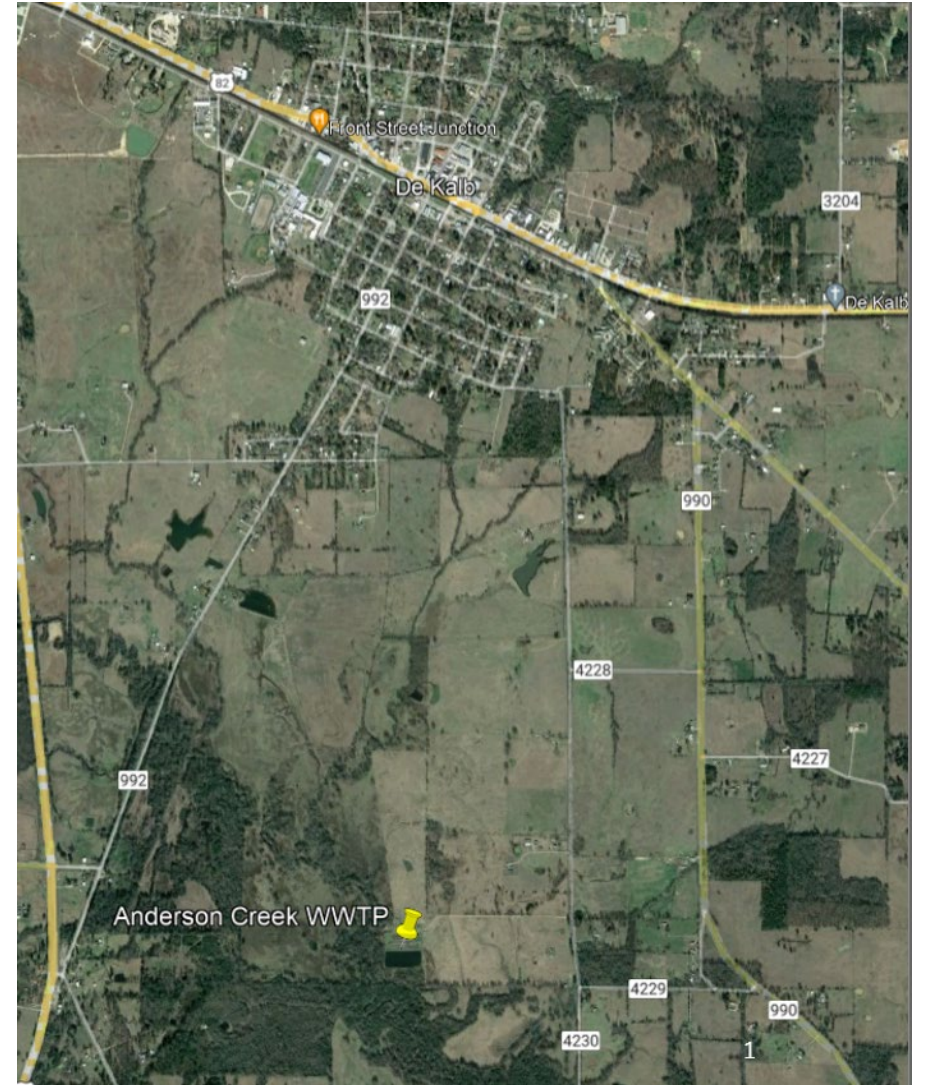
- Summary of Final RFP
- Task 12 Update
- Schedule

# 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

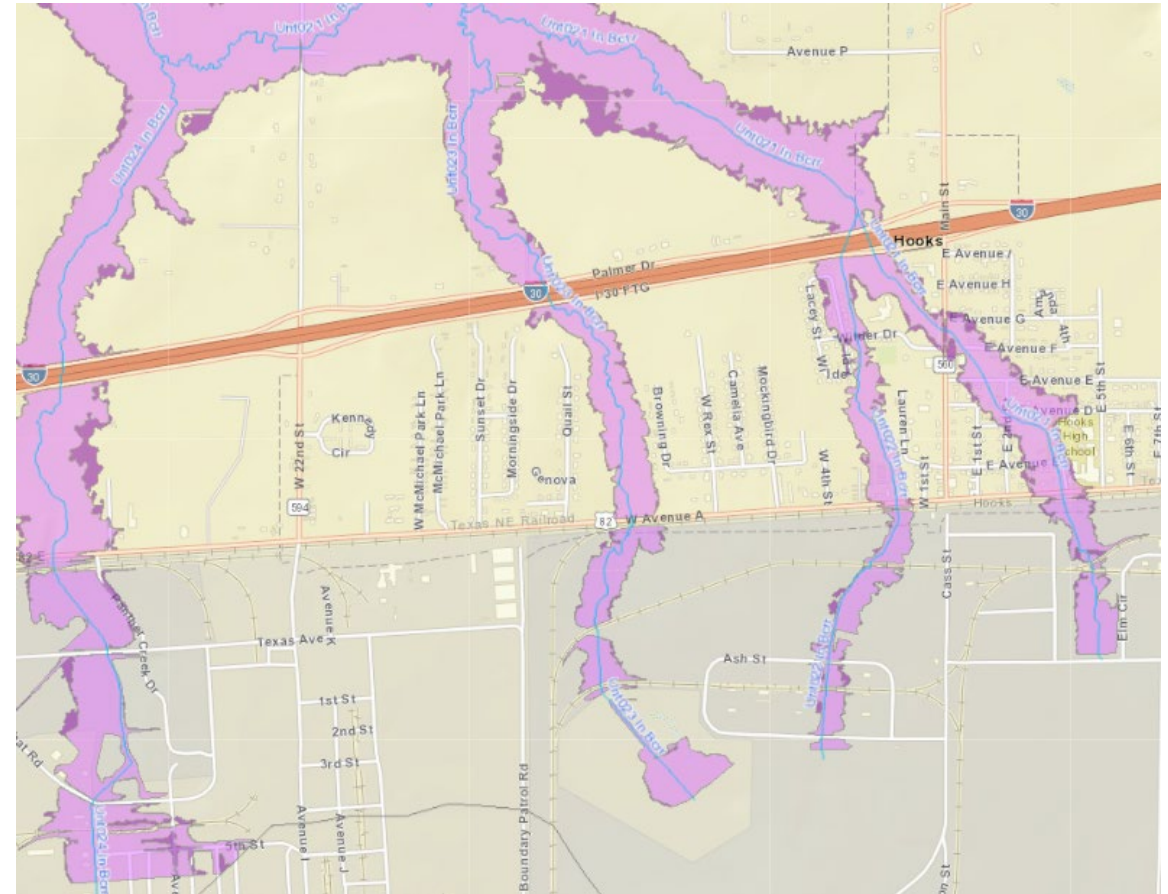
- FME ID 021000026
- Evaluate need for and establish requirements for a levee to protect the WWTP
- Screening level Assessment:
  - Feasible FMP can be developed
  - FMP would likely meet the “No Negative Impact”





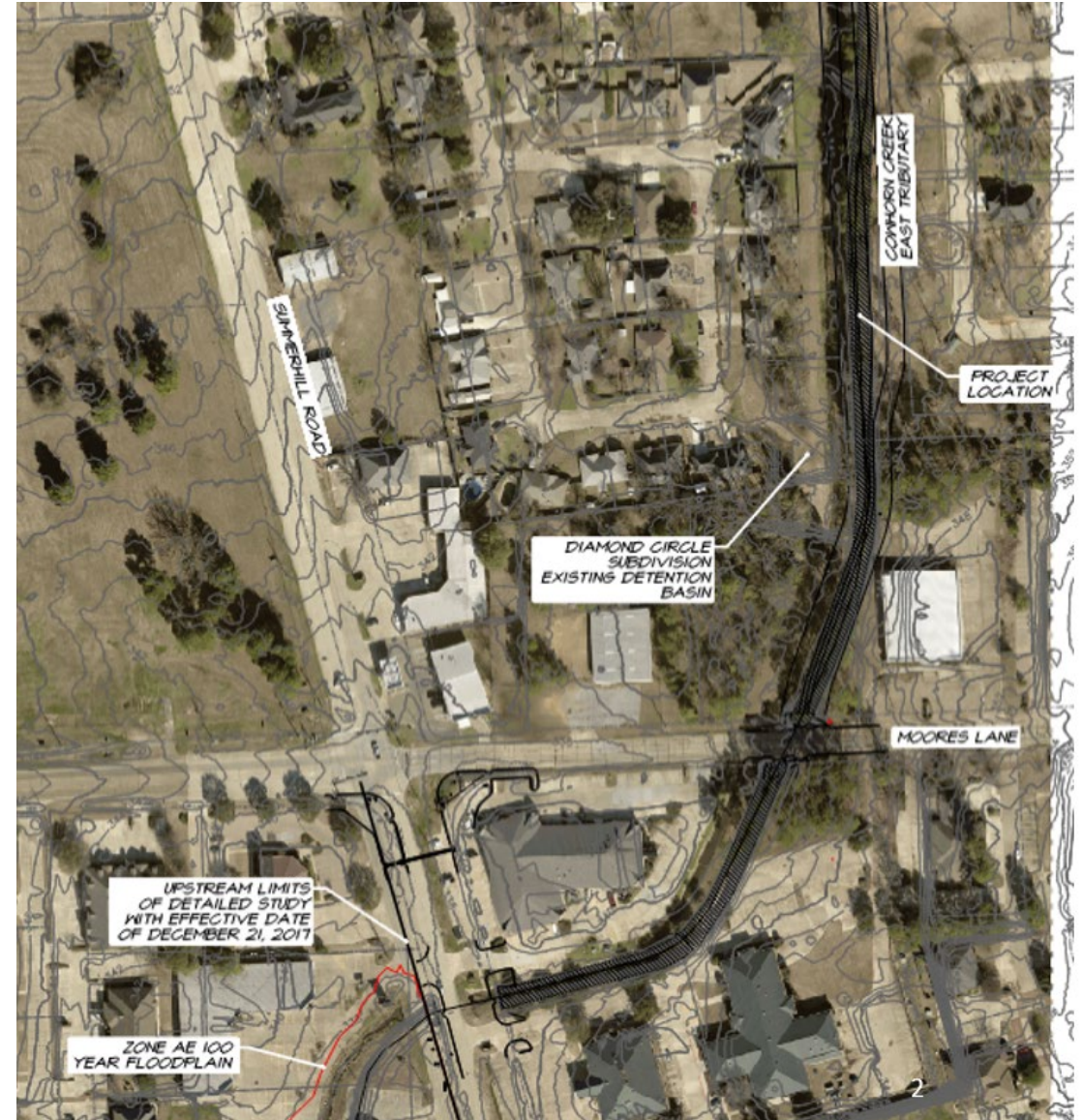
# City of Hooks Infrastructure

- 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

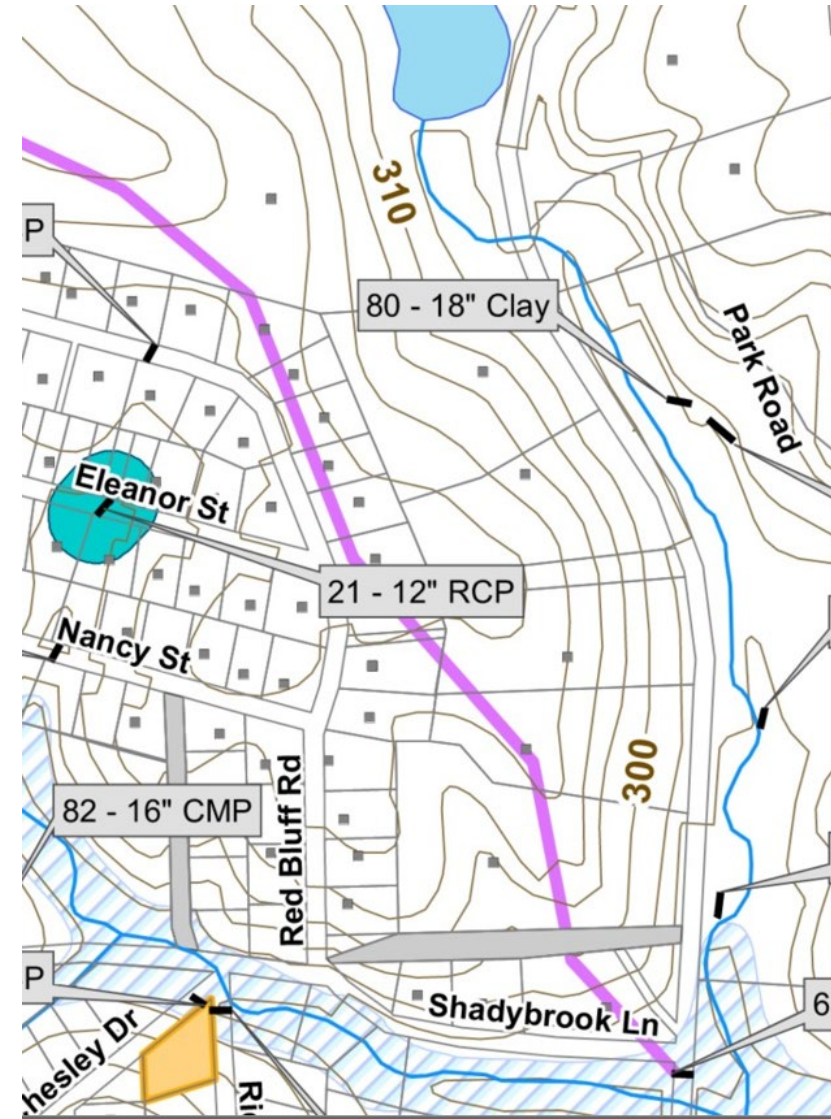
- FME ID 021000032
- Develop mitigation alternatives for flooding in Diamond Circle subdivision
- Screening level Assessment:
  - Updating existing conditions models
  - “No negative impact” determination unknown





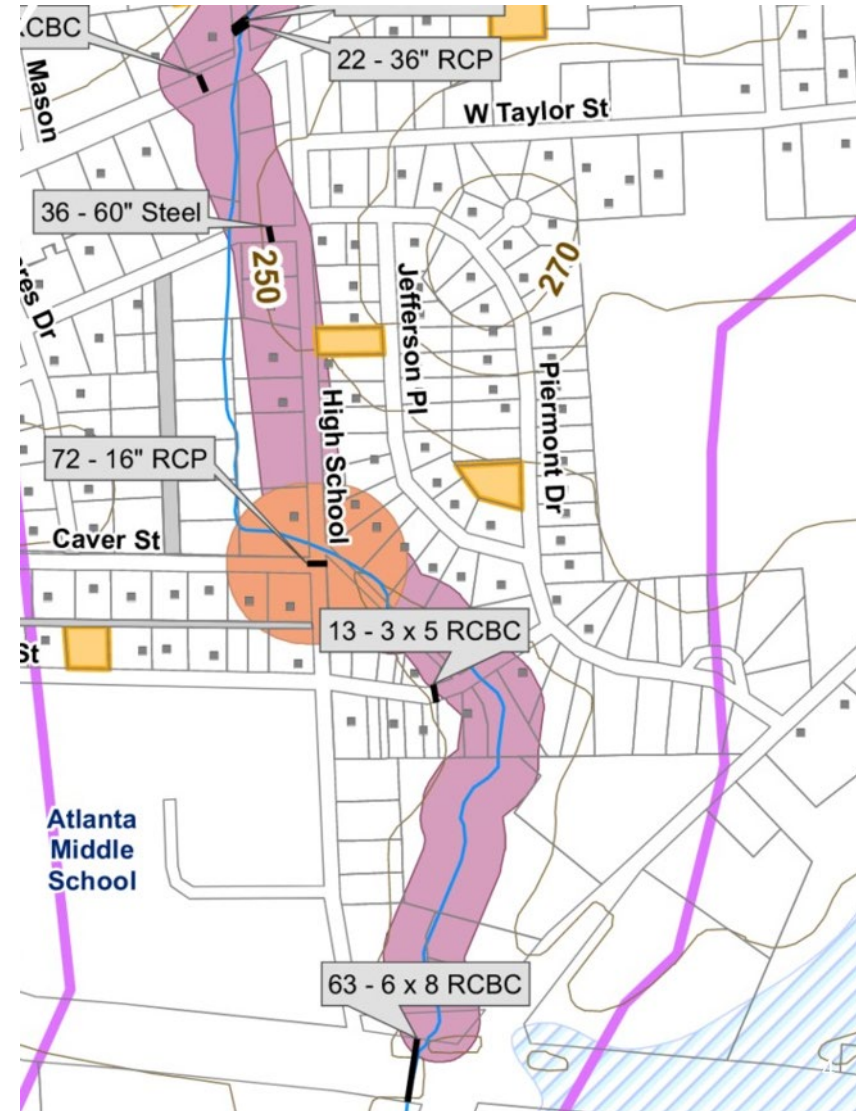
# City of Atlanta Eleanor St and Red Bluff St. Project/Phase No. 3

- 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

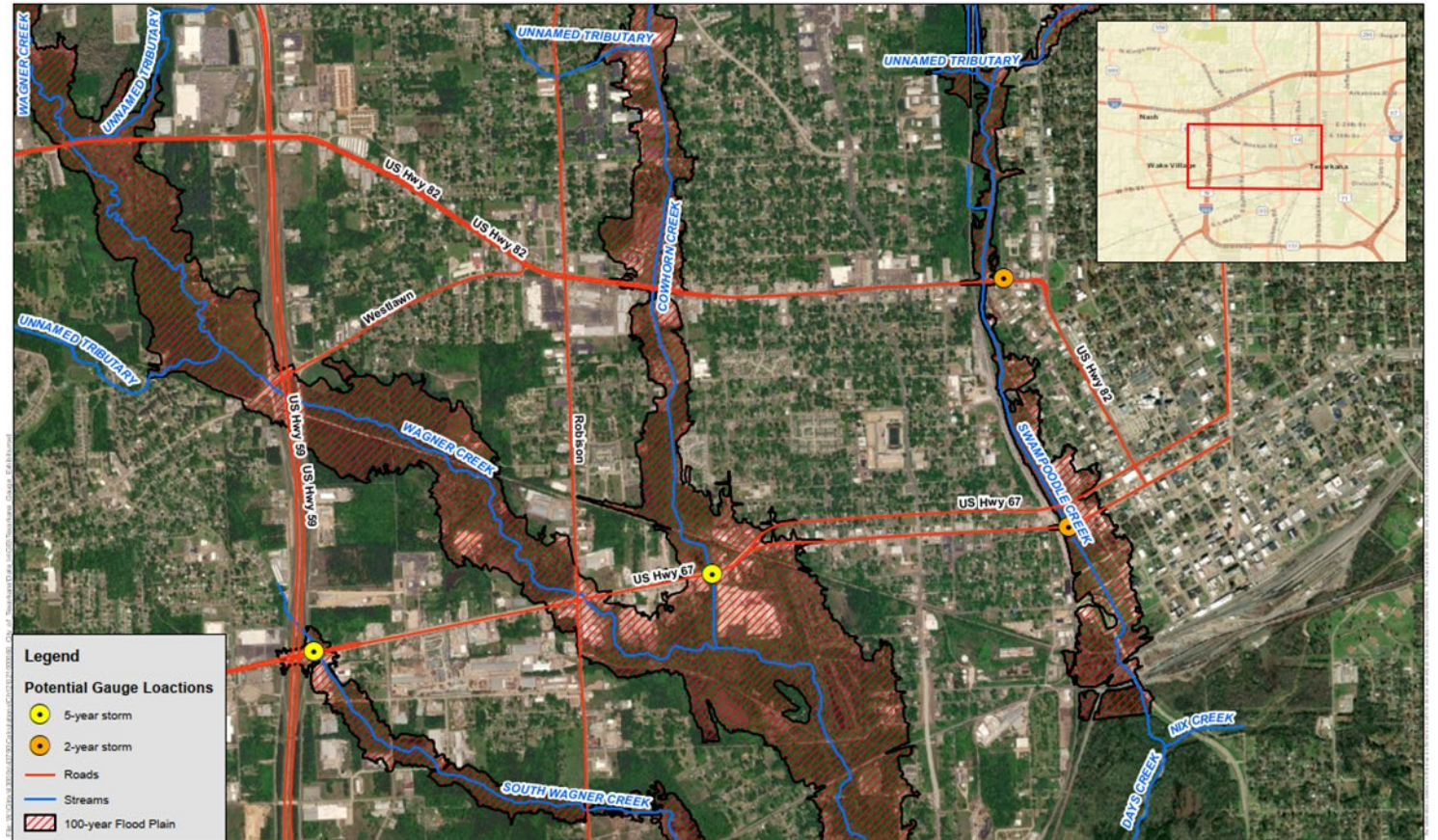
- FME ID 021000042
- Reduce risk of flooding along streams
- Screening level Assessment:
  - Obtained existing conditions models
  - Incorporating three (3) alternatives into one project
  - “No negative impact” determination unknown





# City of Texarkana Gauges

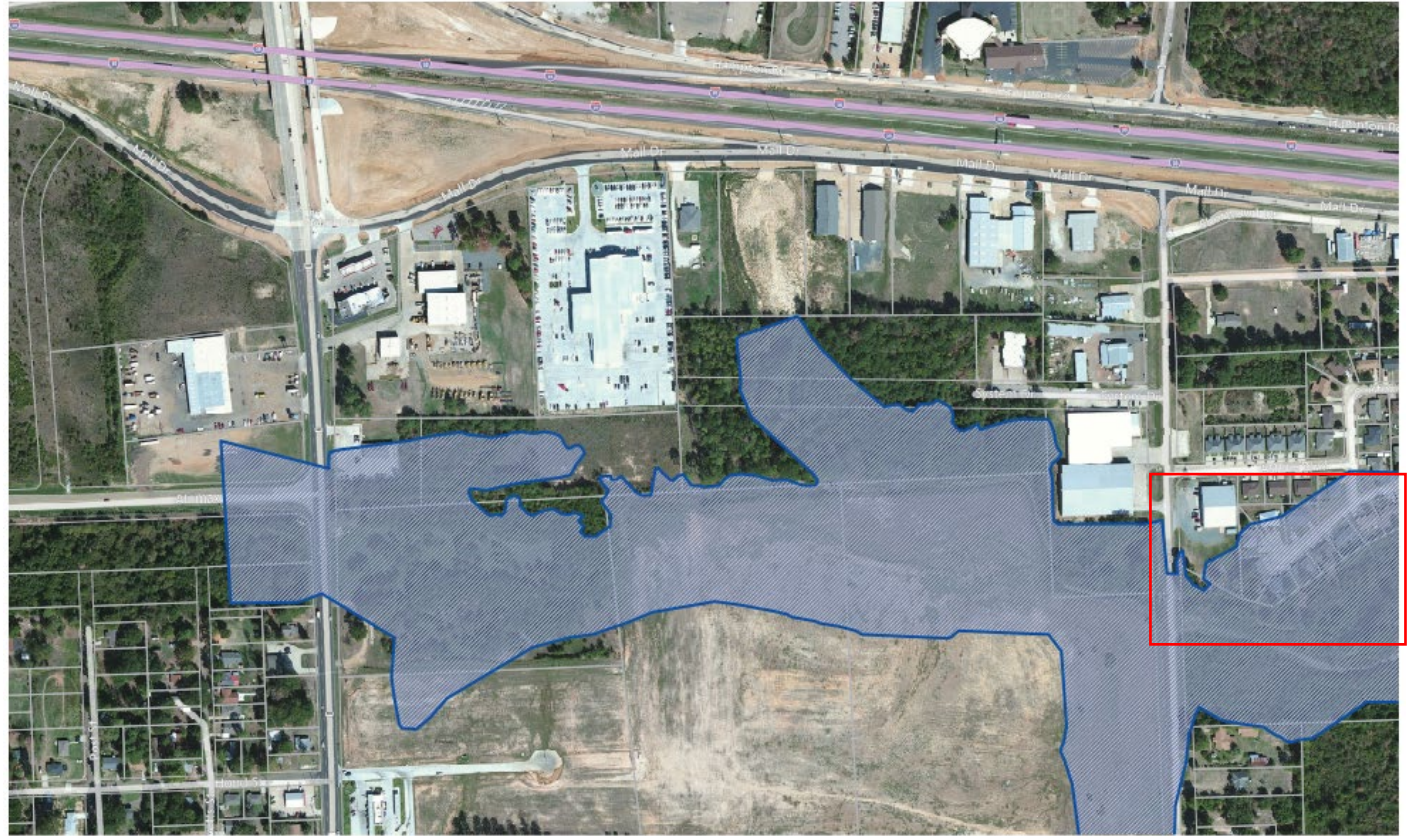
- FME ID 021000060
- Install flood warning gauges for flood-prone areas
- Screening level Assessment:
  - Preliminary locations established
  - Scheduling meeting with City
  - FMP would likely meet the “No Negative Impact”





# 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 options
  - “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