

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

January 6, 2022

2:00 pm

at

City of Sherman Council Chambers

220 W. Mulberry St.

Sherman, TX 75091 (See map included)

or

Via teleconference/webinar

Use the following information to register for the meeting:

https://us06web.zoom.us/join/9tZwkde2opjgjE9bO_jpEMjbm6S1Gz2Pxa-S

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 quorum
4. Public comments – limit 3 minutes per person

Action Items

5. Consider approval of minutes for the meeting held December 9, 2021.
6. Discuss and Consider nominations for election of Region 2 RFPG Officers to include Chair, Vice Chair, Secretary, Executive Committee
 - a. Nominations for Chair by members
 - b. Discussion and consideration of election of Chair
 - c. Nominations for Vice Chair by members
 - d. Discussion and consideration of election of Vice Chair
 - e. Nominations for Secretary by members
 - f. Discussion and consideration of election of Secretary
 - g. Nomination for additional Executive Committee members (2 voting members-at-large)
 - h. Discussion and consideration of election of Executive Committee members

Presentations

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

Technical Consultant Update

9. Technical Presentation by Halff Associates, Inc.
 - a. Technical Memo Submittal Update
 - b. Chapter 1 Presentation
 - c. Task 2 Flood Risk Data Update
 - d. Schedule

Other Business

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

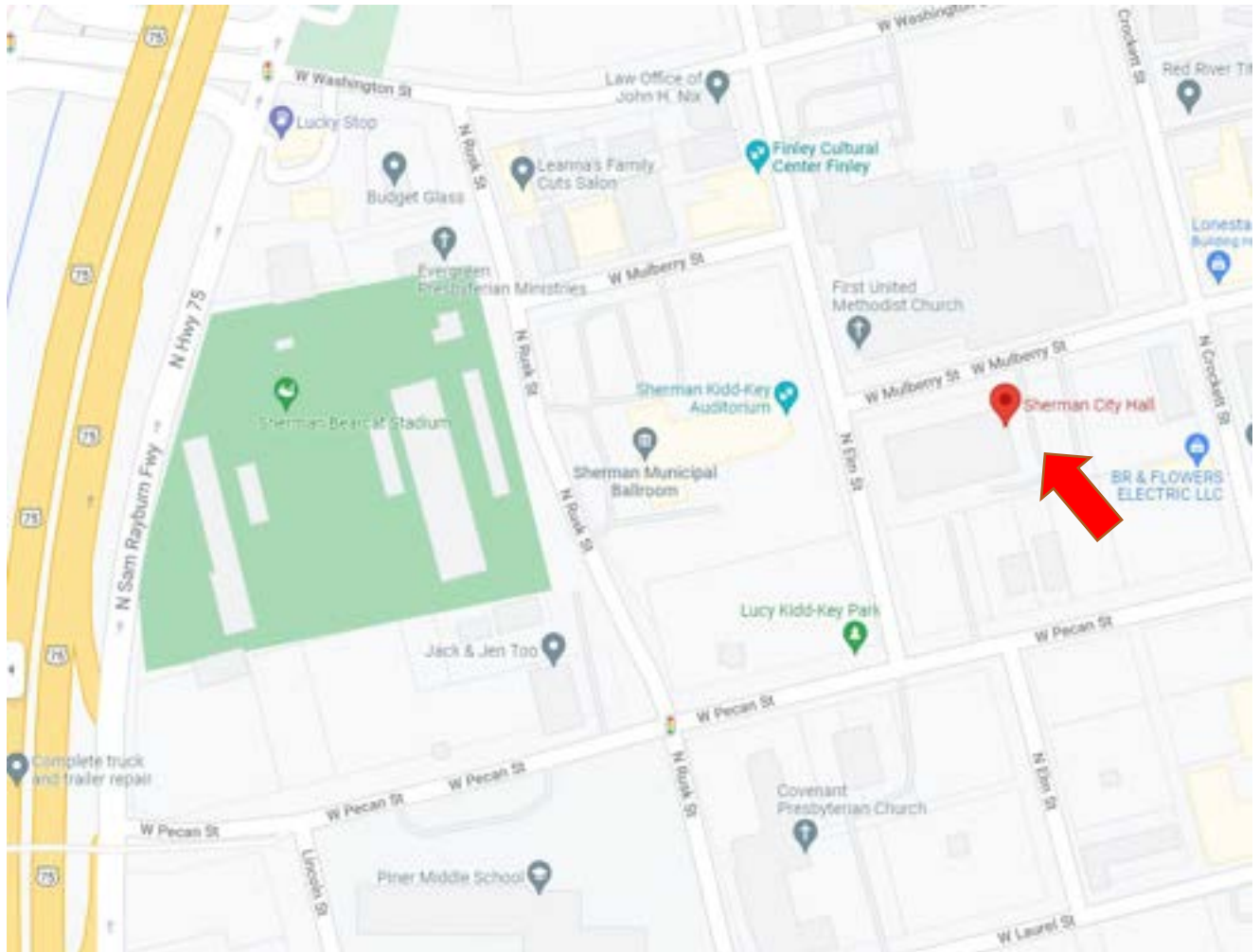
If you wish to provide written comments prior to or after the meeting, please email your comments to pprange@atcog.org and include "Region 2 RFPG Meeting" in the subject line of the email – OR – you may mail your comments to Region 2 RFPG, c/o ATCOG – Paul Prange, 4808 Elizabeth St, Texarkana, TX 75503.

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.

Sherman City Hall is just east of Hwy 75. 2 blocks east of Sherman Bearcat Football Stadium.
Exit Pecan St. and travel east. Turn north on N. Elm St. then east on W. Mulberry St.



Meeting Minutes
Region 2 Lower Red-Sulphur-Cypress Flood Planning Group Meeting
December 9, 2021
2:00 p.m.

**Northeast Texas Community College (HUM 101), 2886 FM 1730, 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	
Andy Endsley	Counties	X
W. Greg Carter	Electric generating utilities	X
Laura-Ashley Overdyke	Environmental interests	X
Casey Johnson	Industries	
Dustin Henslee	Municipalities	X
Kirby Hollingsworth	Public	
R. Reeves Hayter	River authorities	X
Kelly Mitchell	Small business	X
Joseph W. Weir III	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	X
Andrea Sanders	Texas Division of Emergency Management	X
Darrell Dean	Texas Department of Agriculture	
Tony Resendez	Texas State Soil and Water Conservation Board	
Trey Bahm	General Land Office	
Anita Machiavello (Morgan White - Alternate)	Texas Water Development Board (TWDB)	X
Michelle Havelka	Texas Commission on Environmental Quality	X
Darlene Prochaska	USACE, Fort Worth District	X
Travis Wilsey	USACE, Tulsa District	X
Randy Whiteman	RFPG 1 Liaison	
Richard Brontoli	Red River Valley Association	
Jason Dupree	TxDOT – Atlanta District	X
Dan Perry	TxDOT – Paris District	

Quorum:

Quorum: **Yes**

Number of voting members or alternates representing voting members present: **8**

Number required for quorum per current voting membership of **11**: **6**

Other Meeting Attendees: **

Chris Brown - ATCOG

Paul Prange – ATCOG

Joshua McClure – Halff Associates Team

David Rivera – Halff Associates Team

Parker Moore – Halff Associates Team

Gini Connolly – Halff Associates Team

Chris Hartung - SRBA

Walt Sears – NETMWD

Paul Hensel – City of Hooks, TX

Matt Nelson – TWDB

**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 2:07p.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. Eight voting members were present and six non-voting members were absent.

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

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

ACTION ITEMS**AGENDA ITEM NO. 5: Consider approval of minutes for the meeting held Thursday, November 4, 2021.*****Additional Action Items Below**

Reeves Hayter opened the floor for discussion and approval of the minutes from the previous meeting. A motion was made by Greg Carter and was seconded by Laura-Ashley Overdyke 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 hosted two webinars on December 8th. The first was the RFPG Technical Consultants' Conference Call focusing on Flood Management Strategies, Future Condition Flood Risk, Inclusion of Raw Data in the RFP, Unique ID Numbers, and Emergency Need Definition. The second was the RFPG Chairs' Conference Call focusing on Emergency Need and Flood Management Strategies.

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

Reeves Hayter stated that the new liaison for Region 2 is Kirby Hollingsworth and mentioned that Randy Whiteman, the liaison for Region 1, was not attending our meeting because Region 1 is holding their meeting today, as well. Josh McClure provided a brief update on the activities taking place within Region 1 and announced that Region 1 and Region 2 would need to coordinate with each other on watershed issues affecting border counties and cities. Reeves Hayter stated that that watershed boundaries often cross political boundaries and pointed out that the City of Paris is located in both the Red River and Sulphur River watersheds, as an example.

TECHNICAL CONSULTANT UPDATE

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

- a. Present Technical Memorandum**
- b. Tech Memo Data Walkthrough**
- c. Discuss Tech Memo Comments**

Reeves Hayter turned the floor over to Josh McClure who provided a status update focusing on Fathom Data and Additional Funding. Mr. McClure stated that the TWDB released the data on October 29, 2021, therefore it would not be incorporated into the Tech Memo until March 7, 2022 although the data is currently being processed. Mr. McClure also mentioned that the 2021 Legislature approved an additional \$10M in funding for the State Flood Plan (40% increase) and that Region 2 received an additional \$576,600 bringing the total up to \$1,487,000. The Initial Flood Plan is still due in January 2022, but additional analysis will be included in an addendum due in August 2022. Mr. McClure then discussed New Tasks (11, 12, 13) and their associated budgets. Task No. 11: Outreach and Data Collection to Support Tasks 1-9 (\$86,490.00); Task No. 12: Perform Identified Flood Management Evaluations, Identify, Evaluate and Recommend Additional Flood Mitigation Projects (\$345,960.00); and Task No. 13: Preparation and Adoption of the Amended Regional Flood Plan (\$144,150.00). Discussion took place among the Region 2 board members and the technical consultants relating to this information.

Josh McClure presented information relating to the Key Draft Tables and mentioned that some of the tables and cells are blank because they have not been, or cannot be, developed yet. Josh McClure and David Rivera discussed Source of Studies, FMEs and FMPs including FEMA Flood Insurance Studies and Website Data Collection provided by consulting team members from MTG, FNI and Halff Associates. Mr. McClure introduced Gini Connolly, GIS Director at Halff Associates, and asked her to conduct a brief GIS presentation showing the various data fields associated with the regional flood planning process, for the Region 2 board members, before moving into Discussion of Tech Memo Comments.

Josh McClure began discussion of the Tech Memo Comments received from Region 2 board members Reeves Hayter and Greg Carter. Mr. Hayter and Mr. Carter asked Mr. McClure to insert a page into the Tech Memo in order to “define the terminology”. Discussion took place among the board members regarding additional entities that may have floodplain regulatory authority besides cities and counties. Mr. McClure stated that there is link to a GIS Mapping Website included in the presentation and Mr. Rivera announced that GIS Mapping will provide more data that could be used to identify additional FMEs. Mr. Hayter asked if the public could access this GIS Mapping Website to input data and Ms. Connolly stated not on this platform, however the Survey Mapping Tool is still available on the Region 2 website for this purpose. Mr. McClure asked the Region 2 board members to review the Tech Memo Tables prior to the March 7, 2022 deadline in order to verify the data or add new information. Greg Carter asked if a “footnote” could be added on each page to define any acronyms and Mr. McClure replied, yes. Mr. McClure stated that [Attachment 5] contains an important list of FMEs, FMSs and FMPs and it will be updated when GIS Mapping is completed. Reeves Hayter suggested that there will be very few FMPs in our rural areas due to a lack of past studies being performed, which he learned by attending a TWDB webinar on December 8th. Discussion took place among the Region 2 board members regarding the utilization of funds to continue specific studies to bring them into eligibility status for

TWDB funding, as future projects. Mr. Hayter also announced that the Tech Memo is a document for the TWDB that indicates what work has already been done, and it is subject to change.

Josh McClure then presented the Look-Ahead portion of his presentation and asked if Region 2 planned to conduct a meeting in January 2022. Reeves Hayter announced that he would like to conduct a meeting in January 2022 in order to stay on schedule and to elect officers to the Region 2 Board of Directors. Mr. McClure stated that Chapter 1 will be ready for board approval in February 2022 and mentioned that monthly meetings would likely be required through July 2022 to meet the TWDB timeline of deliverables.

AGENDA ITEM NO. 9: *Consider Approval of Tech Memo

Reeves Hayter opened the floor and asked for a motion to approve the Tech Memo. A motion to approve the Tech Memo, including the comments provided by the Region 2 board members, was made by Greg Carter and seconded by Andy Endsley. The motion carried unanimously.

OTHER BUSINESS

AGENDA ITEM NO. 10: Update from Planning Group Sponsor

Reeves Hayter turned the floor over to Chris Brown who announced that ATCOG has developed a travel reimbursement form for the board members to fill out and submit if they are not currently being reimbursed by another entity for attending the flood planning meetings.

AGENDA ITEM NO. 11: 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 meeting on Thursday, January 6, 2022 at 2:00p.m. at a location to be determined and via webinar/teleconference.

AGENDA ITEM NO. 12: Adjourn

Reeves Hayter opened the floor to adjourn the meeting.

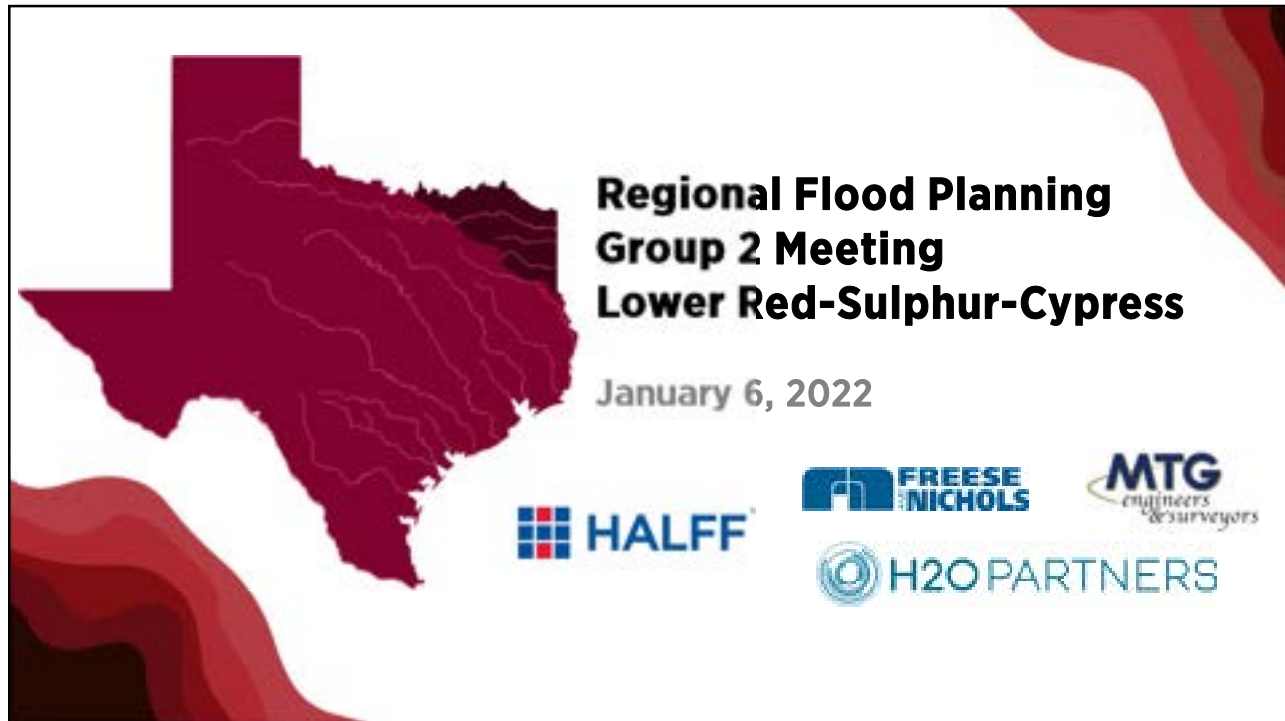
A motion was made by Joe Weir and Seconded by Greg Carter.

The vote to adjourn was passed by unanimous consent.

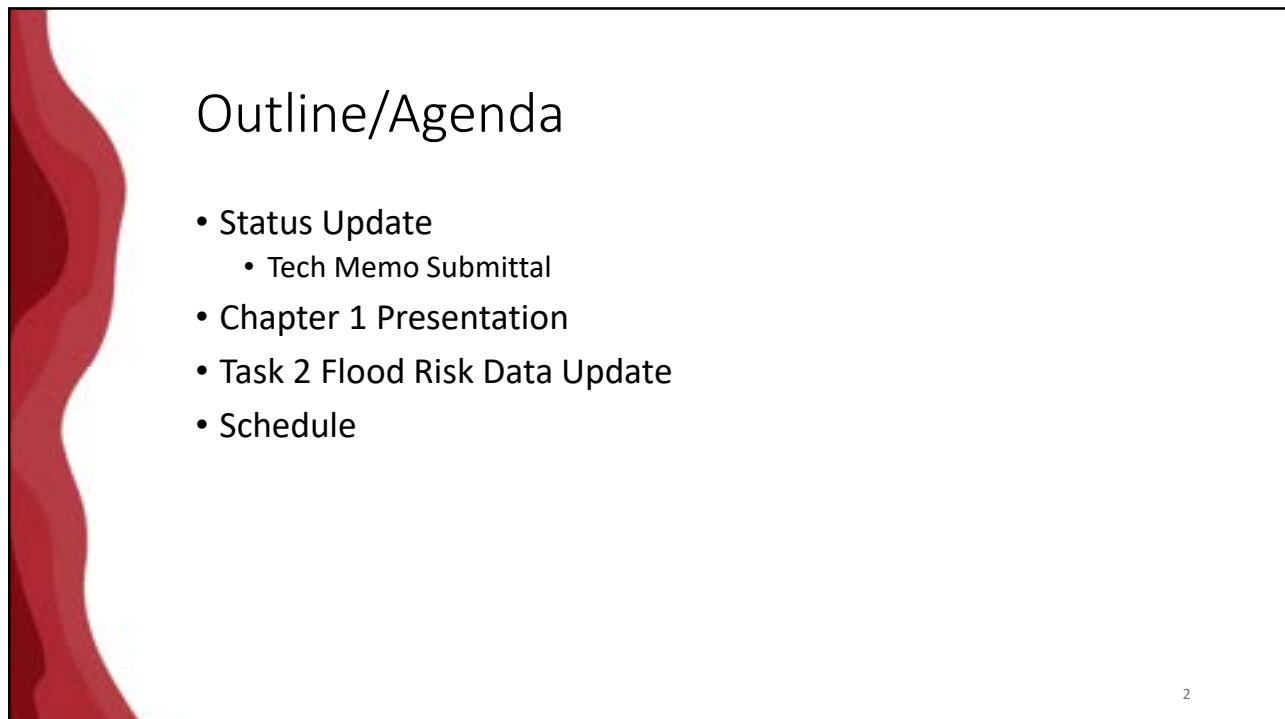
The meeting was adjourned at 4:14p.m. by Reeves Hayter.

Approved by the Region 2 Lower Red-Sulphur-Cypress RFPG at a meeting held on 01/06/2022.

Reeves Hayter, CHAIR



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Status Update

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Tech Memo Submittal

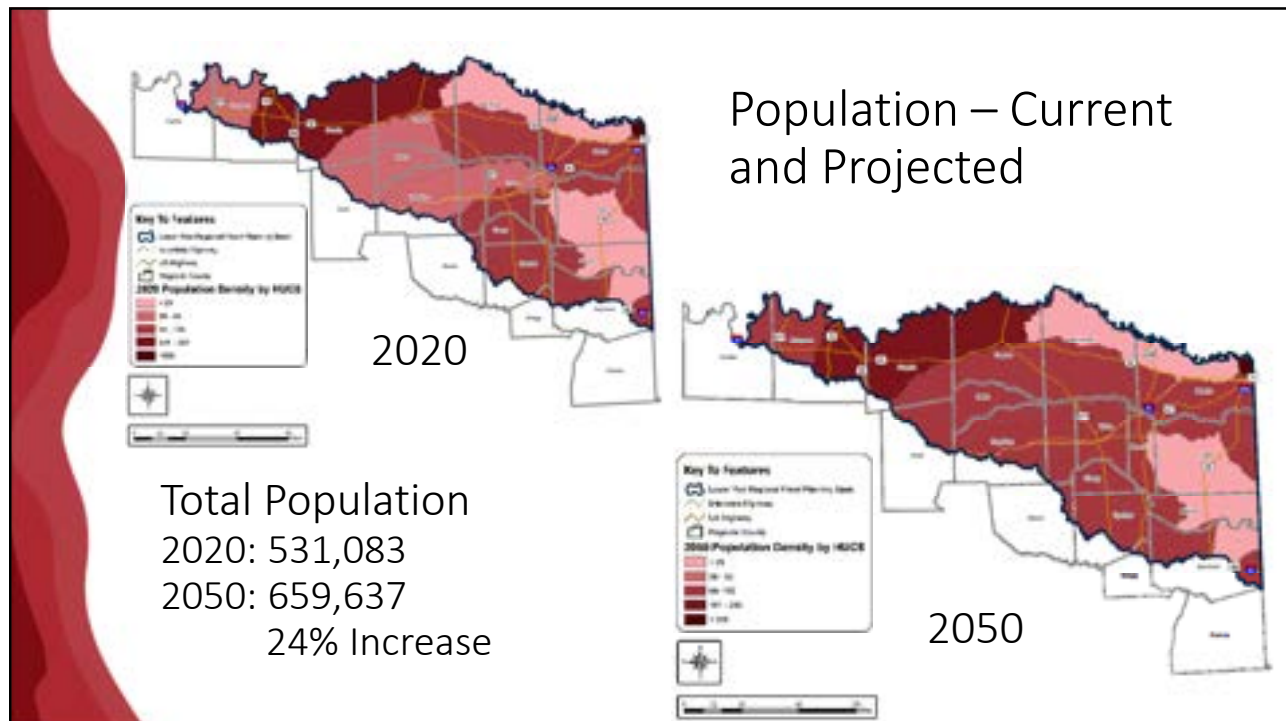
- Due to TWDB Friday, January 7.
- TWDB provided submittal checklist
 - Two (2) additional tables required
 - Need signed approval from RFPG today (formal vote was taken last month)

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Chapter 1

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6

Major Cities with Populations Greater than 25,000 in 2020

Community	County	Population 2020
Sherman	Grayson	43,522
Texarkana	Bowie	38,007
Denison	Grayson	27,340
Paris	Lamar	27,230

Major Cities with Populations Greater than 25,000 in 2050

Community	County	Population 2050
Sherman	Grayson	50,692
Texarkana	Bowie	43,229
Denison	Grayson	33,805
Paris	Lamar	29,770
Bonham	Fannin	30,000

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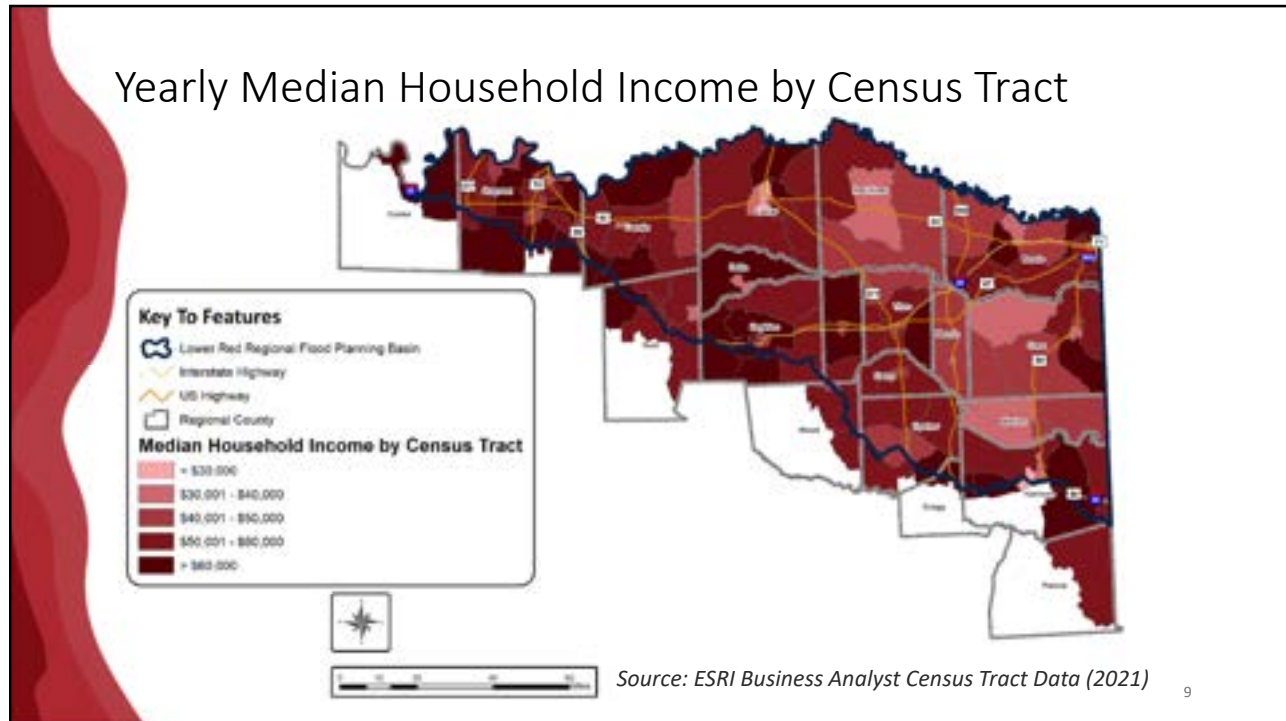
Top Ten Fastest Growing Communities 2020 - 2050

Community	County	Population 2020	Population 2050	Growth Rate
Trenton	Fannin/Grayson	736	4,203	471%
Bonham	Fannin	12,603	30,000	138%
Pottsboro	Grayson	3,056	6,331	107%
Wolfe City	Hunt	1,810	3,669	103%
Ladonia	Fannin	1,600	2,500	56%
Commerce	Hunt	8,883	13,502	52%
Nash	Bowie	4,070	6,111	50%
Howe	Grayson	2,868	4,275	49%
Bells	Grayson	1,713	2,536	48%
Cumby	Hopkins	1,044	1,496	43%

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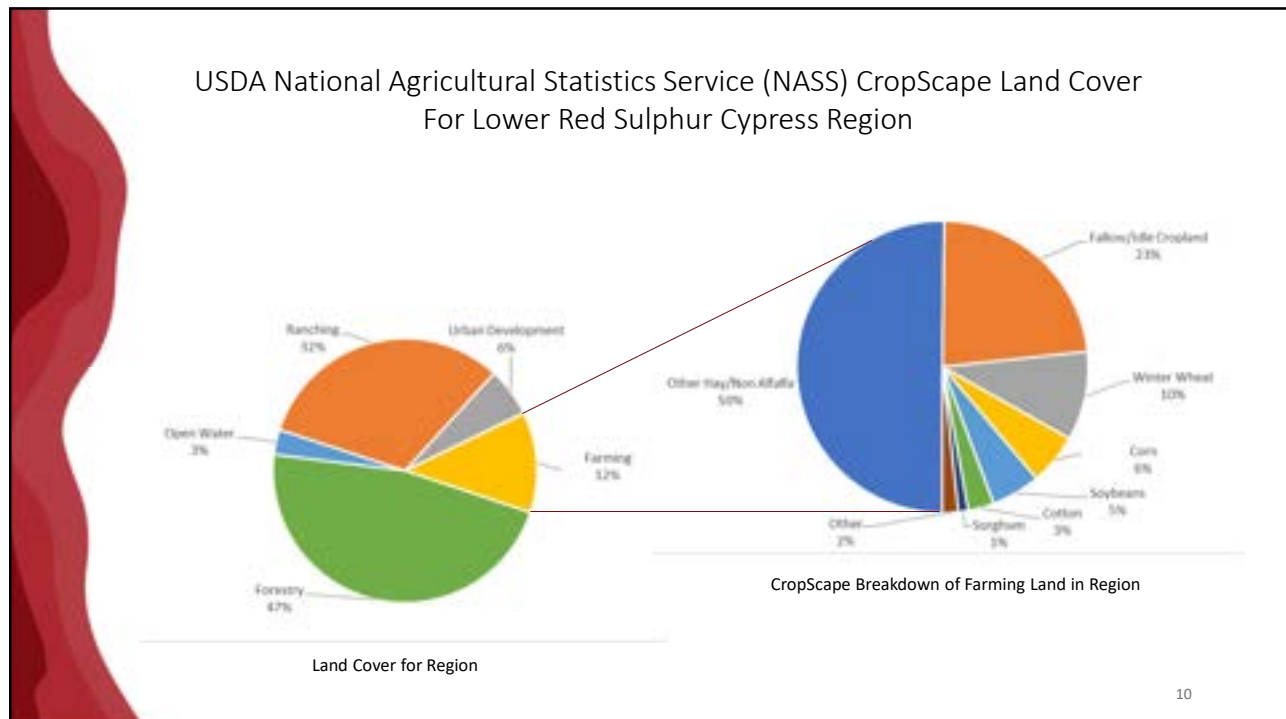
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Yearly Median Household Income by Census Tract



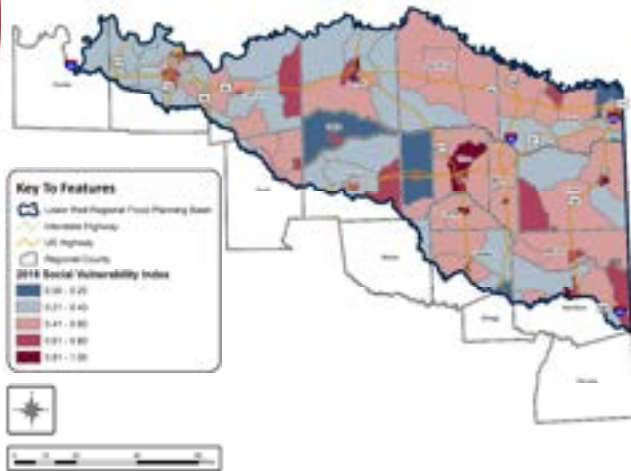
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USDA National Agricultural Statistics Service (NASS) CropScape Land Cover For Lower Red Sulphur Cypress Region



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Social Vulnerability Index

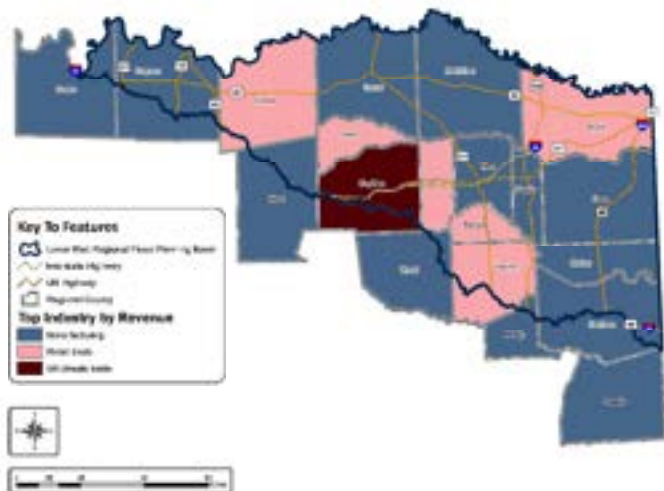


The communities that are at a greater risk of incurring loss due to having the highest SVI (0.81-1.00) fall within, **Grayson, Lamar, Titus, Camp, Morris, Harrison, Cass and Bowie County.**

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Largest Industry per County by Revenue



For the largest industry by total revenue per county, **Manufacturing** holds **65%**, **Retail Trade** holds **30%**, and **Wholesale Trade** holds **5%** of counties within the basin.

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Political Subdivisions Within Region 2

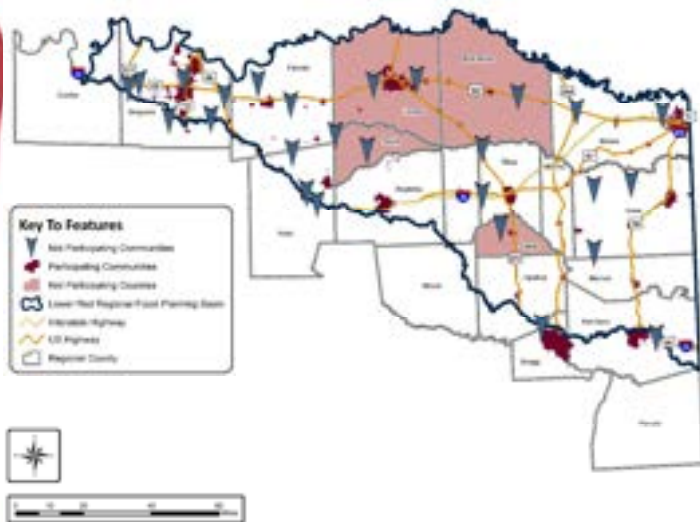
Type	Number of Jurisdictions	NFIP Participants
Cities	86	60
Counties	20	16
COGs	4	N/A
River Authorities	3	N/A
Water Districts	3	N/A
Water Supply & Utility Districts (MUDs, FWSDs, MWDs, SUDs)	17	N/A
Flood Control Entities (WCIDs, LIDs)	10	N/A
Other	5	N/A

Source: TWDB Data Hub

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NFIP Participation



70%

of Cities Participate in NFIP

80%

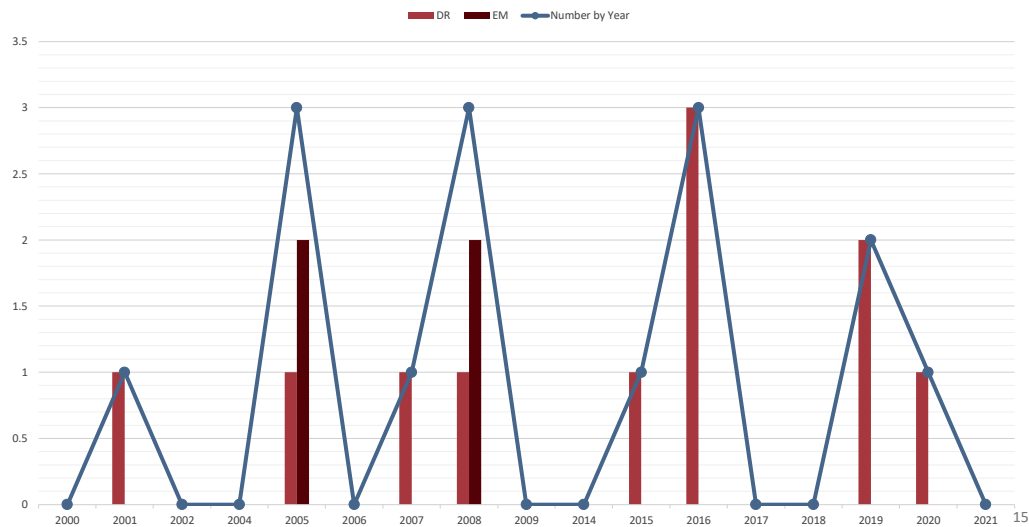
of Counties Participate in NFIP

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Presidential Disaster and Emergency Declarations

2000-2021



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Flood Events by County - 2005-2020

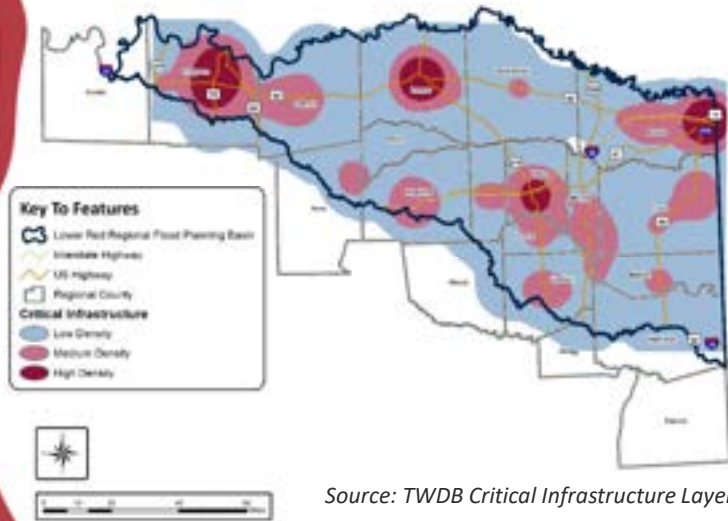
County	Total Events	Deaths Direct	Injuries Direct	Property Damage Value	County	Total Events	Deaths Direct	Injuries Direct	Property Damage Value
Bowie County	56	0	0	\$1,734,000	Hunt County	54	0	0	\$1,356,000
Camp County	11	0	0	\$30,000	Lamar County	27	0	0	\$212,000
Cass County	23	0	0	\$780,000	Marion County	4	0	0	\$350,000
Cooke County	55	4	4	\$32,031,000	Morris County	10	0	0	\$8,000
Delta County	11	0	0	\$50,000	Panola County	17	0	0	\$0
Fannin County	44	0	0	\$473,500	Red River County	41	0	0	\$15,000
Franklin County	17	0	0	\$5,000	Titus County	15	0	0	\$130,000
Grayson County	63	3	1	\$23,704,000	Upshur County	26	1	0	\$365,000
Gregg County	68	0	0	\$2,194,000	Wood County	55	1	0	\$277,000
Harrison County	57	0	0	\$441,000	Total	693	9	7	\$64,744,500
Hopkins County	39	0	2	\$589,000					

Source: Flood Events by County via NOAA NCEI (2005 to 2020)

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Critical Facilities



Critical Facility	Totals
Assisted Living Facilities, Nursing Homes	100
Emergency Shelter	246
Fire Station	164
Hospital	25
Police Station	90
Power Generating Facility	18
School (K-12, College, Trade)	268
Water/Wastewater Treatment Plants	122

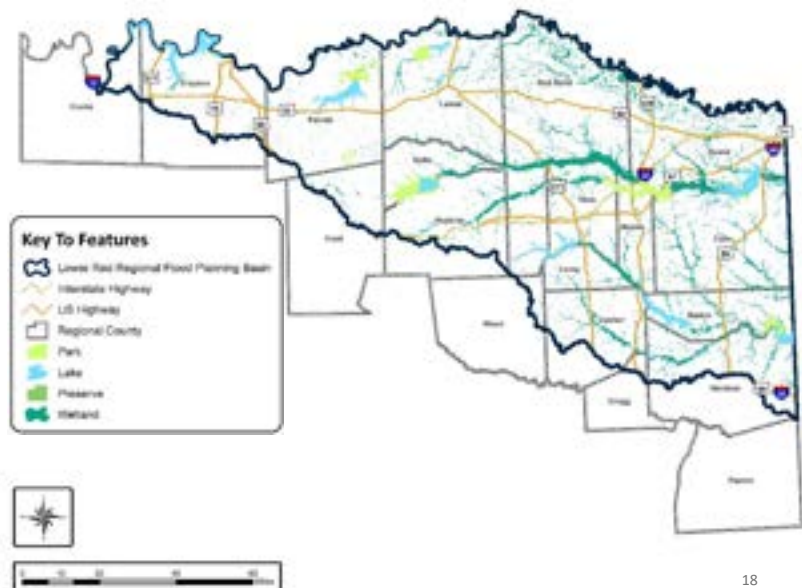
Source: TWDB Critical Infrastructure Layer

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Natural Flood Infrastructure

- Lakes: 166,556 acres
- Parks: 84,035 acres
- Preserves: 77,021 acres
- Total Lakes Parks and Preserves: 327,613 acres
- Total Wetlands: 432,913 acres
- Total Natural Flood Infrastructure: 760,526 acres (1,188 Sq. Miles)

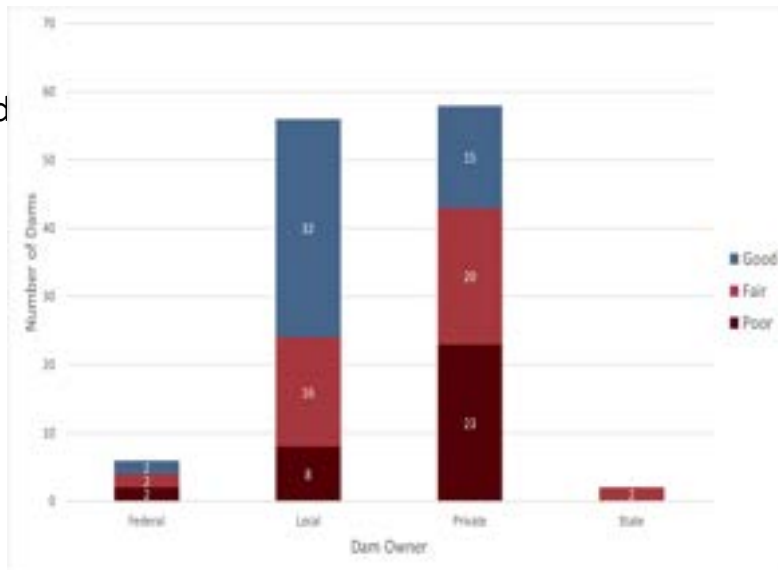


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Flood Infrastructure Condition

- Little is documented for most infrastructure
- TCEQ provided dam condition for dams that it inspects



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Proposed Flood Mitigation Projects

Data Collected From:

- Survey Results
- Hazard Mitigation Plans

Type of Projects	Count
Local storm drainage systems, tunnels	5
Flood awareness outreach and/or education	2
Flood readiness, resilience	2
Regional dams, reservoirs, detention, retention basins	6
Roadway and crossing improvements, bridges, culverts	7
Property elevations	1
Flood warning system, stream/rain gauges	1
Property buyouts/acquisition and/or relocations	2
Channel, canal conveyance improvements	3
Floodplain management ordinances	2

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Task 2 Flood Risk Data Update

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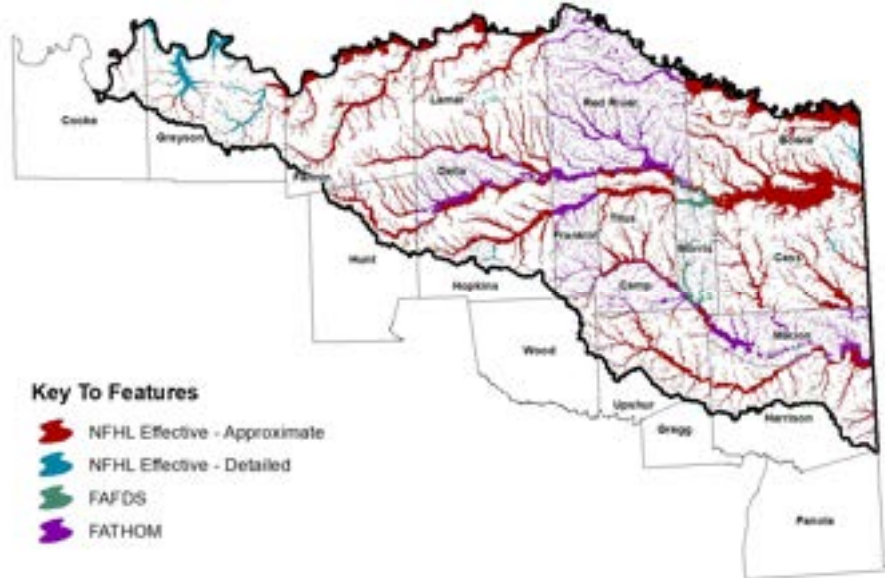
Task 2 Update

- Merging all floodplain data together

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Task 2 – Fathom Schedule Impacts



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LOOK-AHEAD

January

- Submit partial Tech Memo to TWDB on Jan 7, 2022
- Prepare revised Tech Memo
- Discussion of Chapter 1
- Submit Chapters 3 and 4

February

- Final Tech Memo approval
- Task 5 – Recommendation of FMS/E/Ps
- Discussion of Chapters 3 and 4
- Submit Chapter 2

March

- Submit final Tech Memo to TWDB – Mar 7, 2022
- Discussion on Chapter 2

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