



Region 11: Guadalupe Regional Flood Planning Group Meeting

Tuesday, April 13, 2021
2:00pm

Agenda Item 1

Call to Order

1. Attendance

Agenda Item 2

Welcome

Agenda Item 3

Public General Comments

Public Comments limited to 3 minutes per speaker

Agenda Item 4

Approval of Meeting Minutes

1. Approval of meeting minutes from March 3, 2021 Region 11 RFPG Meeting

Meeting Minutes
Region 11 Guadalupe Regional Flood Planning Group Meeting
March 3, 2021
2:00 PM

Guadalupe-Blanco River Authority River Annex (905 Nolan Street, Seguin, TX 78155)
or
GoToWebinar Virtual Meeting

Roll Call:

<u>Voting Member</u>	<u>Interest Category</u>	<u>Present (x) / Absent () / Alternate Present (*)</u>
Doug Miller Melissa Reynolds*	<i>Agricultural interests</i>	X
John Johnston	<i>Counties</i>	X
Lon Shell	<i>Counties</i>	X
Bobby Christmas	<i>Electric Generating Utilities</i>	X
Annalisa Peace Vanessa Puig-Williams*	<i>Environmental interests</i>	X
Beth Parker Doug Sethness*	<i>Flood districts</i>	*
Kevin Stone	<i>Industries</i>	X
Joseph Pantalion Laurie Moyer*	<i>Municipalities</i>	X
Ken Gill	<i>Municipalities</i>	X
Kimberly Meitzen	<i>Public</i>	X
R. Brian Perkins	<i>River authorities</i>	X
Ray Buck	<i>River authorities</i>	X
Gian Villarreal	<i>Small business</i>	X
Ronald Fieseler	<i>Water districts</i>	X
Joseph McDaniel	<i>Water utilities</i>	X

<u>Non-voting Member</u>	<u>Agency</u>	<u>Present(x)/Absent()/ Alternate Present (*)</u>
Sue Reilly	Texas Parks and Wildlife Department	X
Natalie Johnson	Texas Division of Emergency Management	X
Jami McCool	Texas Department of Agriculture	
Allen Nash	Texas State Soil and Water Conservation Board	X
Kris Robles	General Land Office	X
Morgan White	Texas Water Development Board (TWDB)	X
Joel Klumpp Brittney Wortham-Teakell*	Texas Commission on Environmental Quality	X
Don Durden	Public	X
Suzanne Scott	Region 12 Liaison	X
Patrick Brzozowski	Region 10 Liaison	X

Quorum:

Quorum: **Yes**

Number of voting members or alternates representing voting members present: **15**

Number required for quorum per current voting positions of 15: **8**

Other Meeting Attendees:

Ramiro Mendoza, GBRA (IT)

Other Meeting Attendees: **

Lauren Willis, GBRA (Facilitator)

James Bronikowski

Jim Carrillo

Anna-Maria Clardy

Velma Danielson

Misty Downing

Cindy Engelhardt

Ashley Freidberg

Steve Gonzales

Cecilia Green

Stephanie Griffin

Charlie Hickman

Eric Howard

Paula Jo Lemonds

Josh Logan

Laurie Moyer

Melissa Reynolds

Pratibha Sapkota

Jay Scanlon

Sam Vaugh

Augusto Villalon

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

All meeting materials are available for the public at: <http://www.quadalupeRFPG.org>

AGENDA ITEM NO. 1: Call to Order

Doug Miller called the meeting to order at 2:00 PM. Lauren Willis called roll of the planning group members to record attendance and a quorum was established.

AGENDA ITEM NO. 2: Welcome

Doug Miller welcomed new voting, non-voting members and regional liaisons to the Lauren Willis provided meeting facilitation information and instructions.

AGENDA ITEM NO. 3: Public General comments (Public comments limited to 3 minutes per speaker)

Doug Miller provided instructions for public comments. No public comments were given.

AGENDA ITEM NO. 4: Approval of Minutes from the December 2, 2020 Region 11 RFPG Meeting

Doug Miller opened discussion on approving the minutes from the February 3, 2021 Region 11 RFPG Meeting.

A motion was made by Bobby Christmas to approve the February 3, 2021 Region 11 RFPG Meeting. Brian Perkins seconded the motion. The meeting minutes were approved by consensus.

AGENDA ITEM NO. 5: TWDB Update/Presentation

Morgan White provided updates regarding the TWDB's review of the RFPG's application for regional flood planning grant funds, the first-ever Chairs Conference Call, and the forthcoming flood planning guidance document.

AGENDA ITEM NO. 6: Other Presentation

Ashley Freidberg, Guadalupe-Blanco River Authority (GBRA), presented on the Lower Guadalupe Feasibility Study & Mitigation Strategies. Due to audio quality issues, the RFPG requested Ashley present this again at a future meeting.

AGENDA ITEM NO. 7: Pre-Planning Public Input: The RFPG is soliciting public input regarding suggestions and recommendations as to issues, provisions, projects, and strategies that should be considered during the flood planning cycle and/or input on the development of the regional flood plan (as required per Texas Water Code §16.062(d) and 31 Texas Administrative Code §361.12(a)(4))

Doug Miller opened the floor for public comments. No public comments were given. The members discussed scheduling the next pre-planning meeting in the early evening to allow for more public participation.

AGENDA ITEM NO. 8: Update from Region 10 (Lower Colorado-Lavaca) and Region 12 (San Antonio) Liaisons

Ron Fieseler (Region 10 Lower Colorado-Lavaca Liaison) stated that Region 10 is working on the same timeline as Region 11. Annalisa Peace (Region 12 San Antonio Liaison) stated that Region 12 working on same timeline as Region 11 and recommended the Executive Committee review Region 12 statement of qualifications for the technical consultant. Suzanne Scott named as the liaison from Region 12 to Region 11. Suzanne Scott added RFQ will be posted soon, the website is region12texas.org, and meetings are being held on the third Tuesday every other month at 9am (next meeting is April 20th at 9am).

AGENDA ITEM NO. 9: Update from RFPG Sponsor (GBRA) regarding status of

a. Regional Flood Planning Grant contract with the TWDB

Lauren Willis verified that the grant application is with TWDB and is being reviewed.

b. Request for Qualifications to initiate procurement for a technical consultant

Lauren Willis reviewed the questions received on the Request for Qualifications (RFQ) for technical consultant(s) to support the development of the regional flood plan and reported that the RFQ response submission deadline was extended until March 12, 2021 due to winter storm impacts. The Executive Committee plans to meet to review RFQ submissions the week of March 22nd and to conduct interviews the week of March 29th. The Executive Committee plans to make a recommendation for selection to the full RFPG in the April meeting.

AGENDA ITEM NO. 10: Public General comments (Public comments limited to 3 minutes per speaker)

Doug Miller provided instructions for public comments. RFPG members discussed how best to conduct additional stakeholder outreach to increase public participation.. No public comments were given.

AGENDA ITEM NO. 11: Consider date and agenda items for next meeting

Doug Miller opened discussion to consider the date and agenda items for the next meeting.

The RFPG discussed including selecting the technical consultant(s) to support the development of the regional flood plan as an agenda item for the next meeting and to move the meeting to April 13, 2021 at 2:00pm.

AGENDA ITEM NO. 12: Adjourn

John Johnston made a motion to adjourn. The motion was seconded by Ronald Fieseler. The motion passed by unanimous consent.

The meeting adjourned at 3:25 PM by Doug Miller.

Approved by the Region 11 Guadalupe RFPG at a meeting held on 04/13/2021.

Brian Perkins, SECRETARY

Doug Miller, CHAIR

Region 11 Guadalupe RFPG Chair Updates

Agenda Item 5

Texas Water Development Board Update

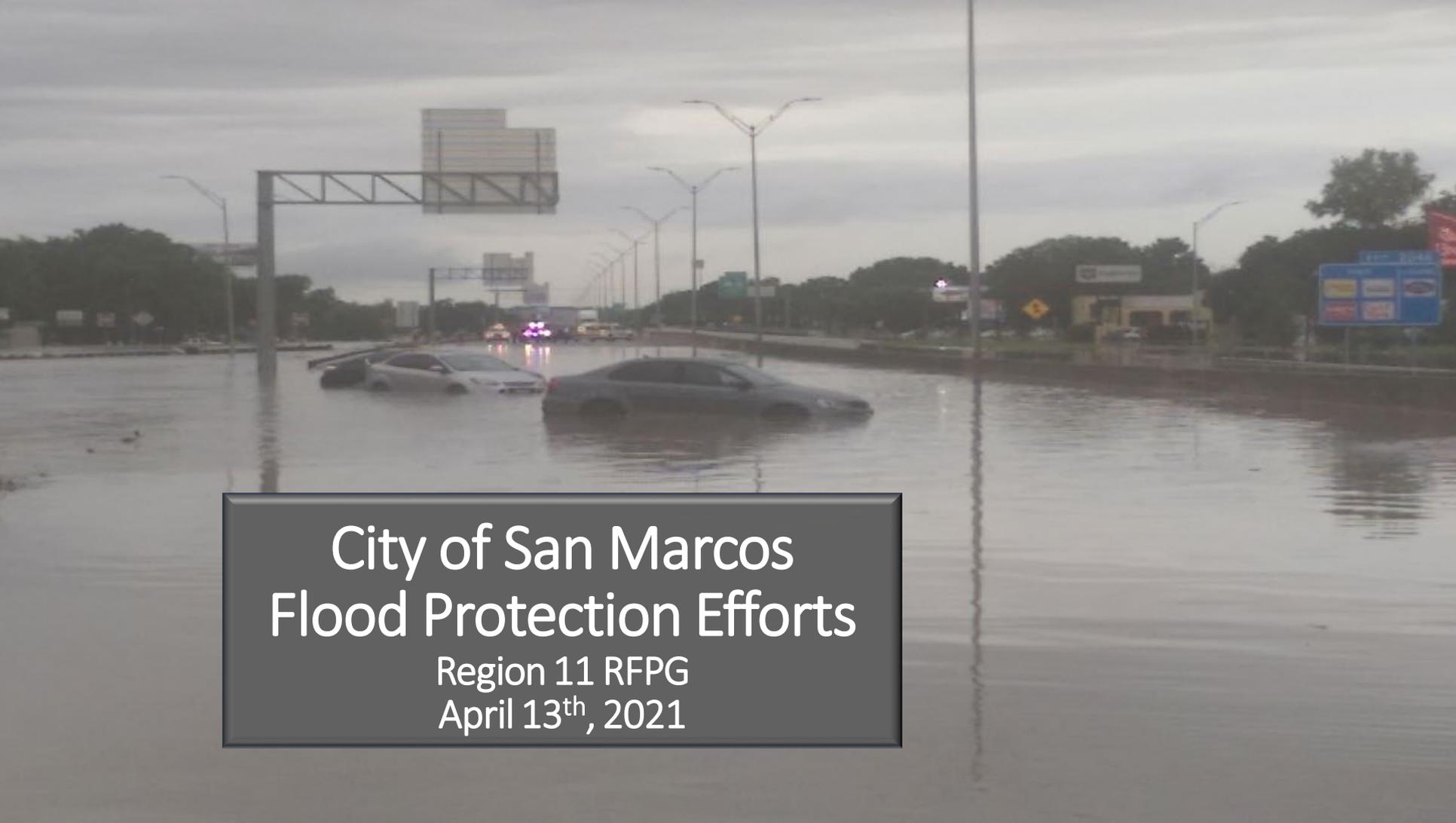
Agenda Item 6

City of San Marcos Flood Protection Efforts

Agenda Item 7

Other

Presentations

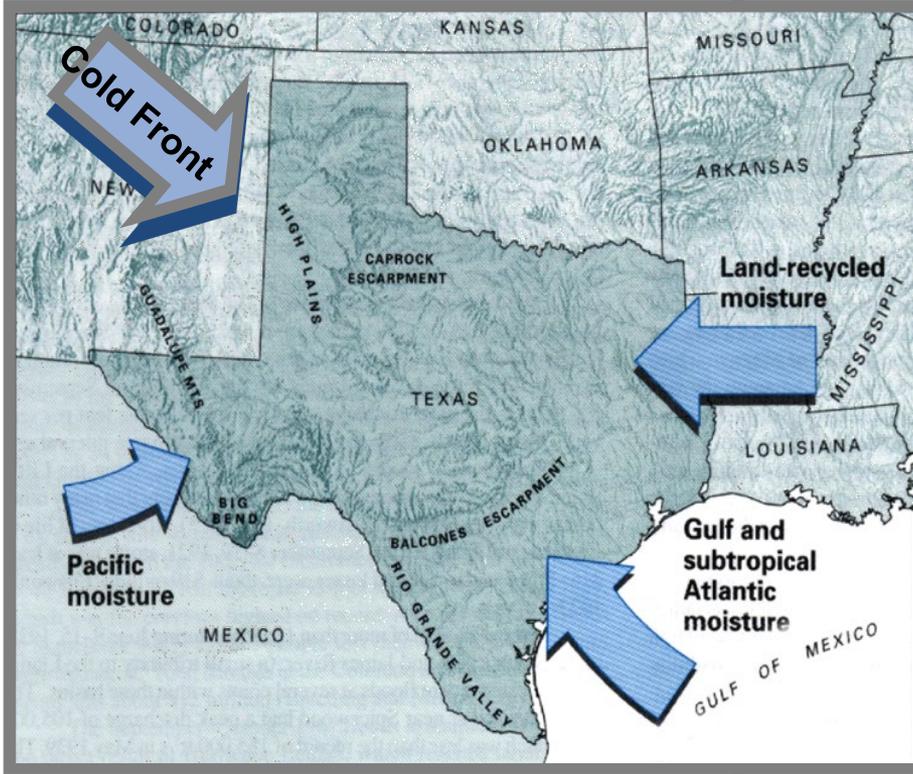
A photograph showing a multi-lane highway completely inundated with floodwater. Several cars are wading through the water, which reaches up to their headlights. In the background, there are highway signs, streetlights, and some commercial buildings under a heavy, grey, overcast sky. The water is murky and reflects the light from the sky and the cars.

City of San Marcos Flood Protection Efforts

Region 11 RFPG
April 13th, 2021



Flash Flood Alley





Flood Events

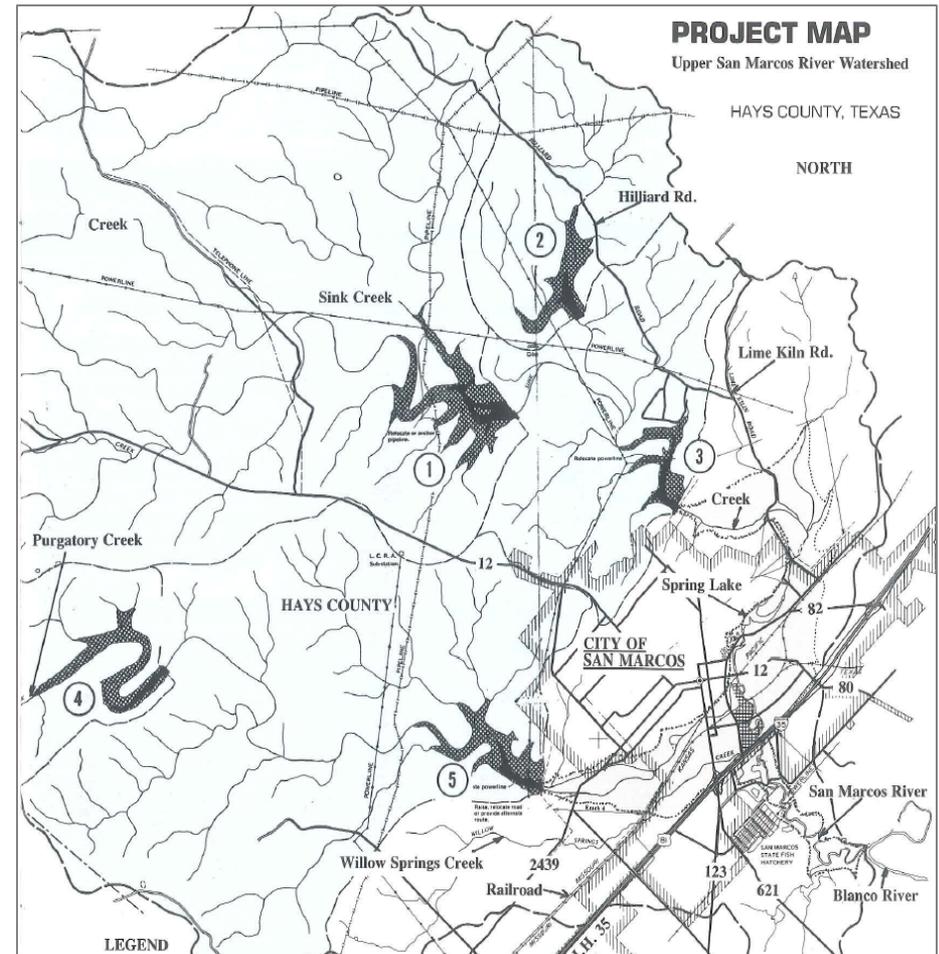


- September 1952
- February 1955
- October 1959
- June 1961
- May 1970
- October 1976
- May 1977
- October 1978
- July 1979
- June 1981
- November 1985
- October 1998
- November 2001
- July 2002
- November 2004
- March 2007
- October 2013
- May 2015
- October 2015



Sink & Purgatory Creeks

- 1970 Flood – 18” in 30 hrs
- 25% of City under water – 2000 acres, 2 deaths
- 5 Flood Control Dams
- Built in 1980s/1990s
- Improved protection DS on Sink and Purgatory Creeks
- Impacts of development & Atlas 14 on future risk reduction





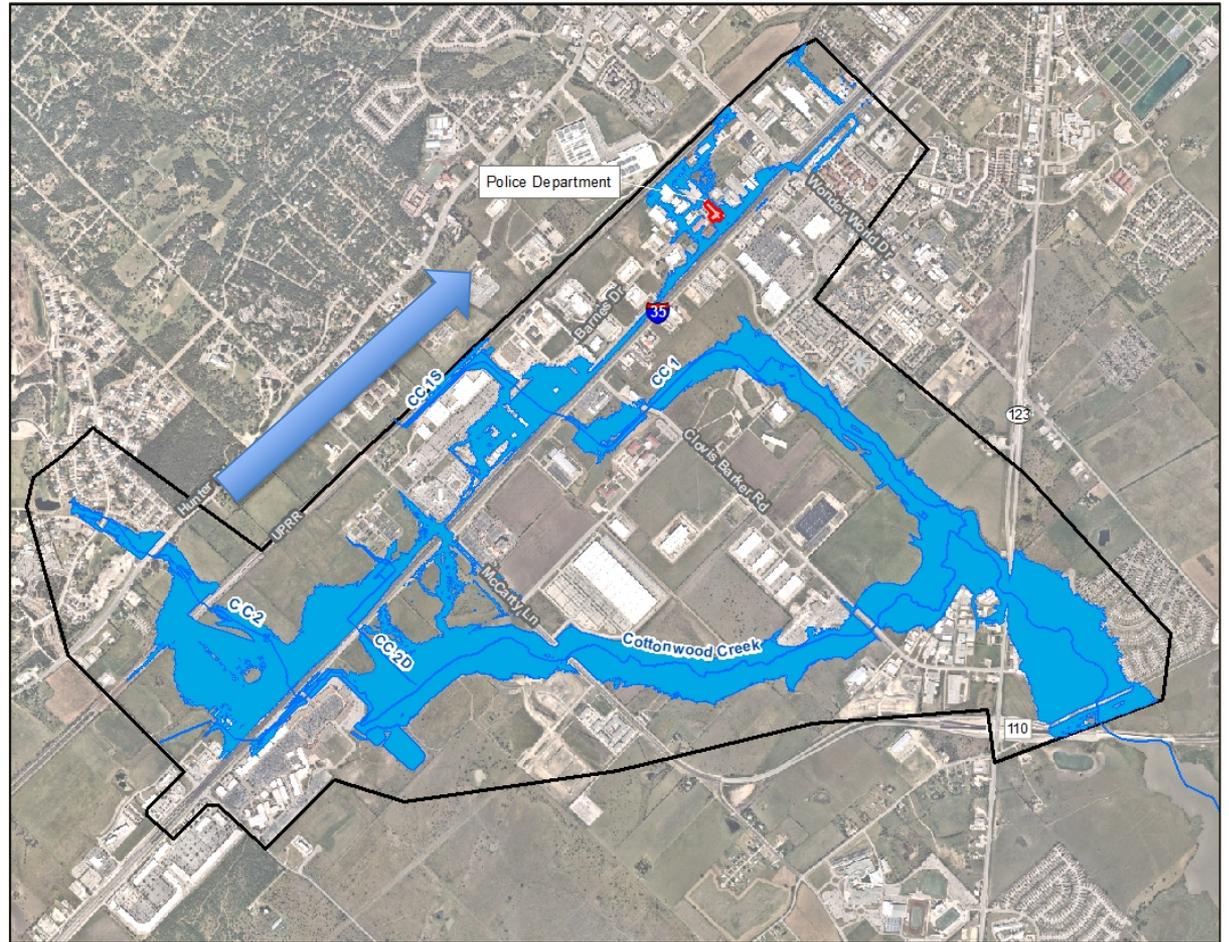
San Marcos River, Sink & Purgatory Creeks Efforts Underway

- **Atlas 14 H&H update**
- **Purchase of upstream conservation lands**
- **Purchase of undeveloped floodplain properties**
- **Purgatory Creek Improvements project**
 - Limits downstream of flood control dam to San Marcos River
 - Flood reduction, natural channel design, water quality, recreation, bike/ped connectivity
 - \$40 Million +
- **Stormwater system discharges with water quality treatment**



Cottonwood Creek

- Still relatively undeveloped watershed
- IH-35 barrier with lack of conveyance
- Overflows to north along west side of IH-35
- Impacts to existing development





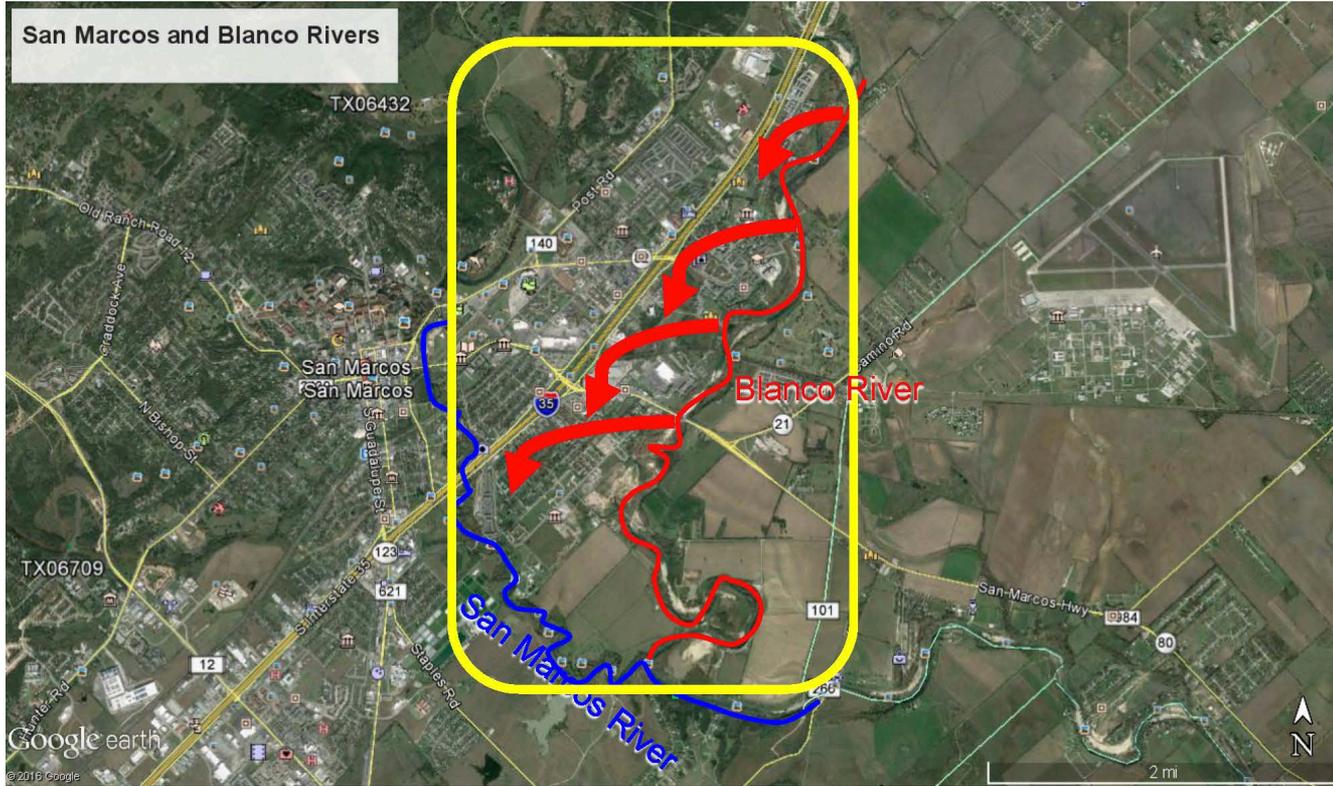
Cottonwood Creek Efforts Underway

- Atlas 14 H&H update
- 2D modeling study to better understand overflows
- TxDOT coordination on conveyance improvements
- Upstream regional detention analysis
- Protection of floodplain storage/conveyance from development



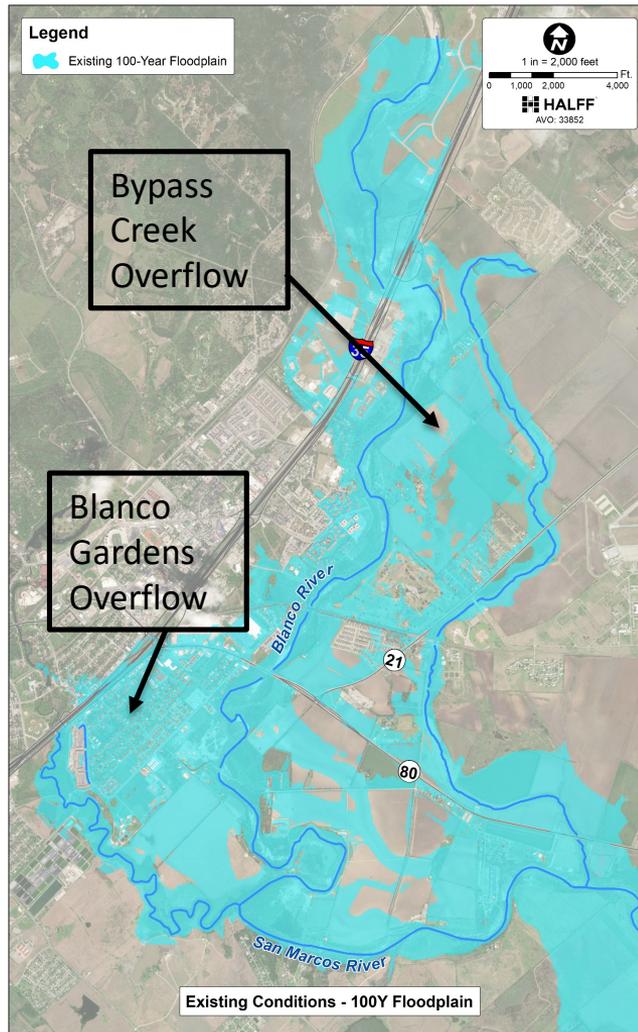
Blanco River

- San Marcos Blanco River Damage Center
- 436 sq mile drainage area
- Upstream narrow canyons & steep stream bed
- Valley widens & stream bed flattens
- Overflow diversions up to 100,000 cfs
- Greatest damages



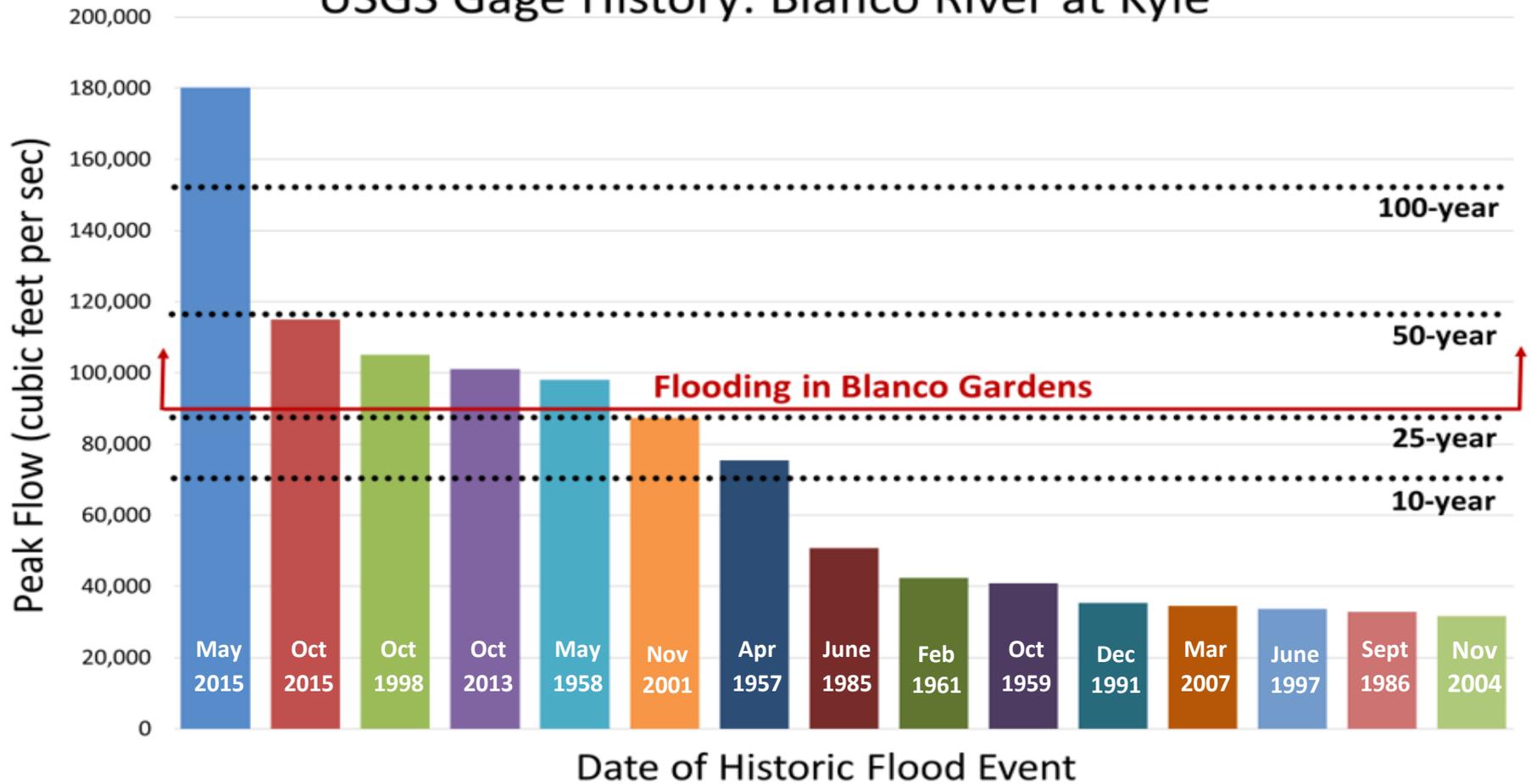
Blanco River Overflows into the San Marcos River Basin







USGS Gage History: Blanco River at Kyle





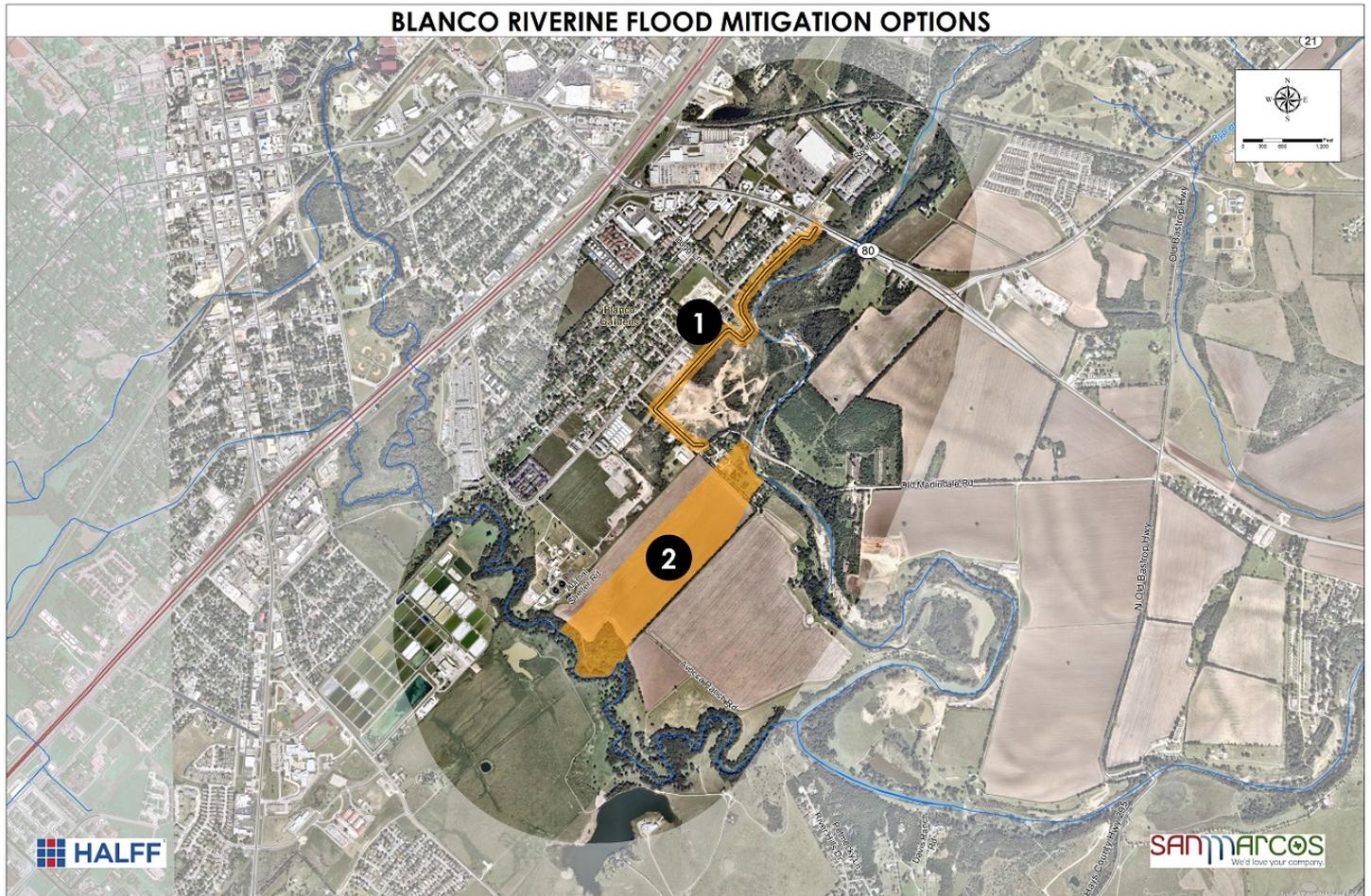
Blanco River Efforts Underway

- **Atlas 14 H&H update**
- **2D modeling study to better understand overflows**
- **\$36 Million in CDBG – Disaster Recovery Funds**
- **Projects to improve localized flooding**
- **Blanco Riverine project reduces impact of Blanco River overflows into Blanco Gardens neighborhood**
- **Coordination with Hays County on identifying regional/larger projects**



Blanco Riverine CDBG-DR Project

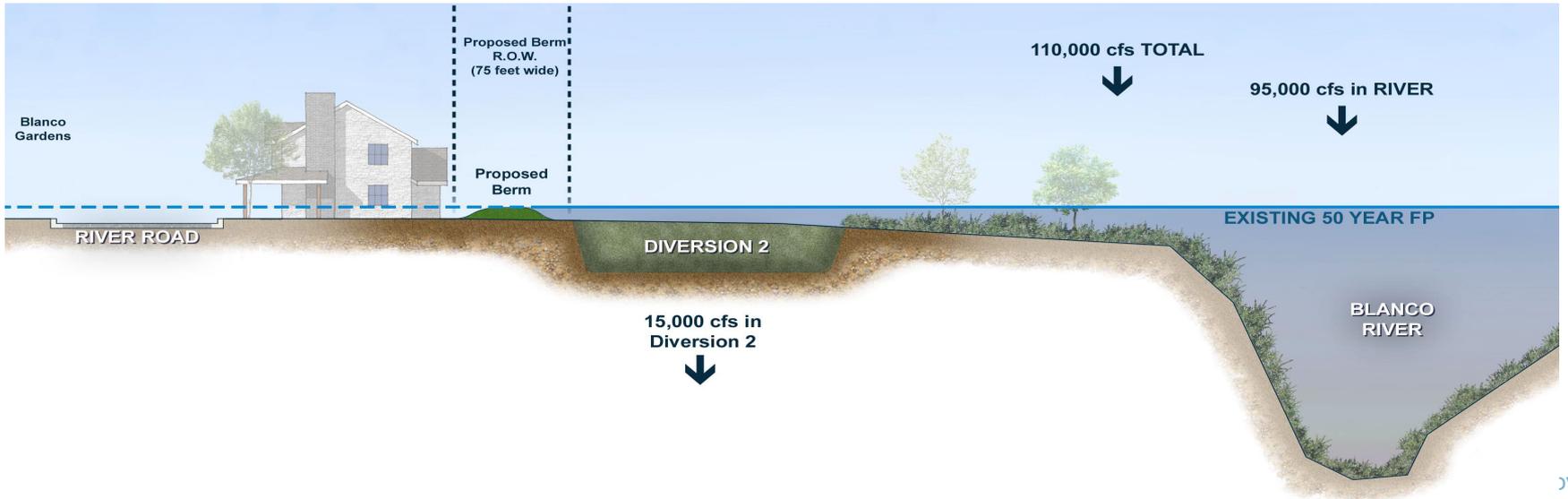
BLANCO RIVERINE FLOOD MITIGATION OPTIONS





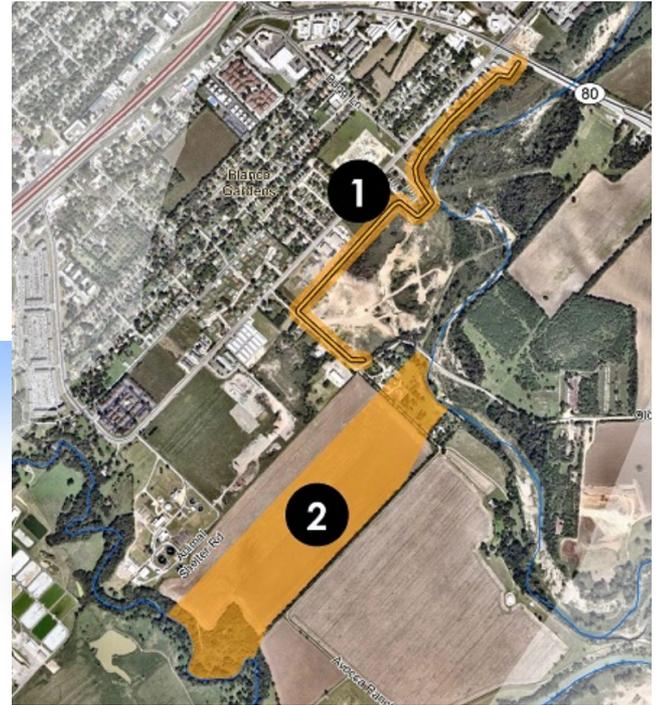
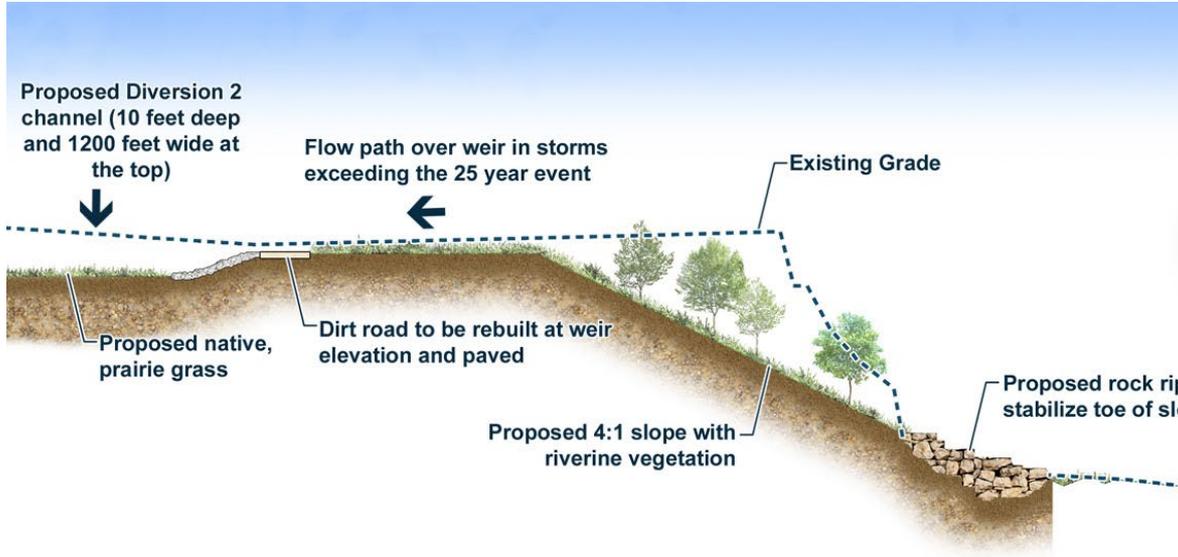
Blanco Riverine CDGB-DR Project

- \$17 million project
- 315 structures benefitted in 100-year event





Blanco Riverine CDGB-DR Project

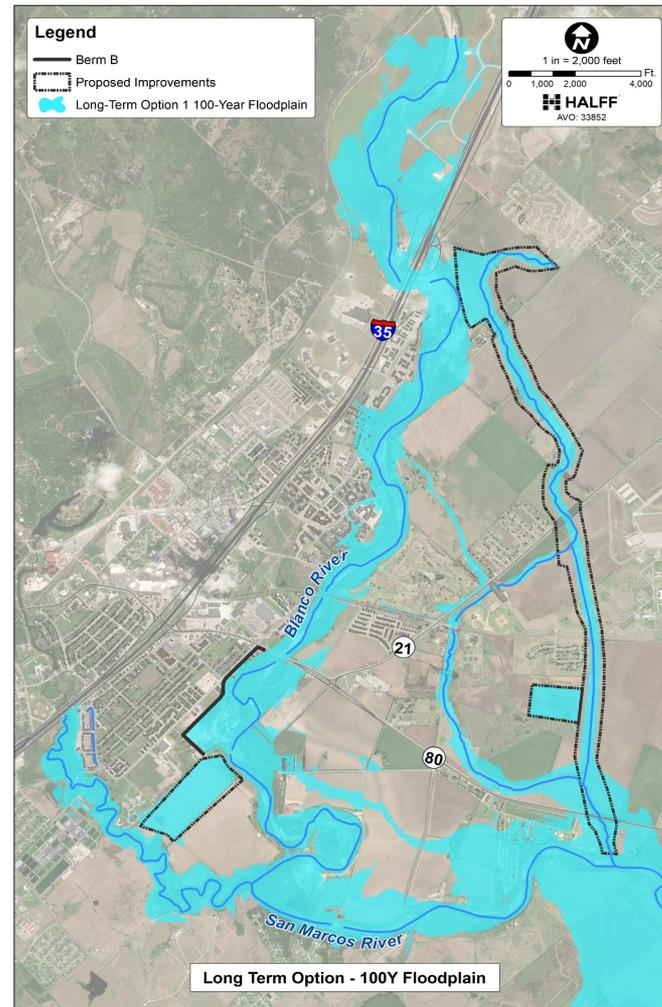
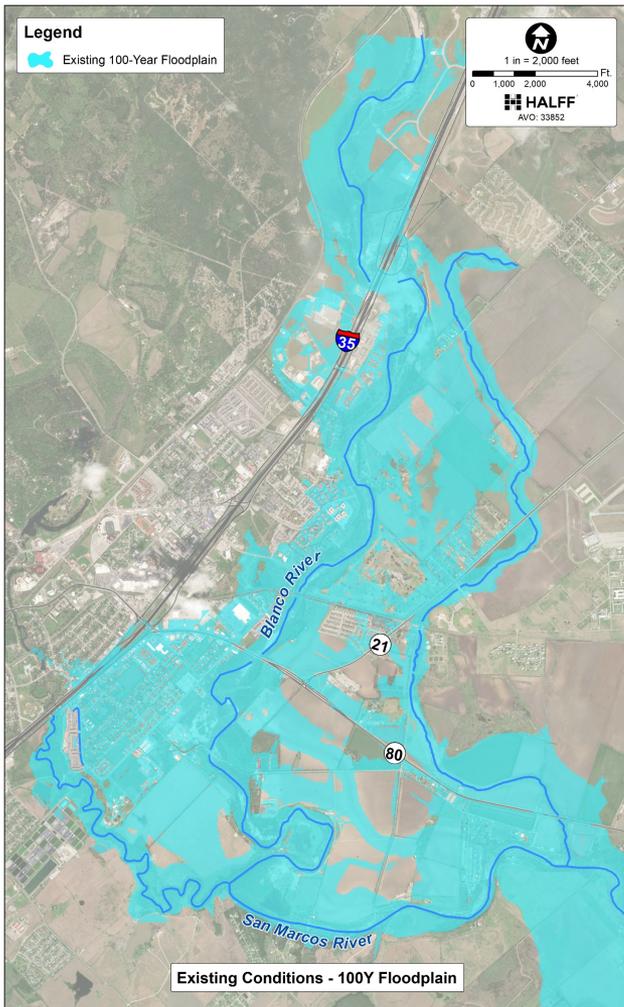




Blanco River

- Long Term Option for Bypass Creek
- Evaluated with Corps and CDBG-DR Feasibility Study
- Controlled overflow location
- \$74 Million
- Adjacent to new Loop 110
- Protect corridor from development

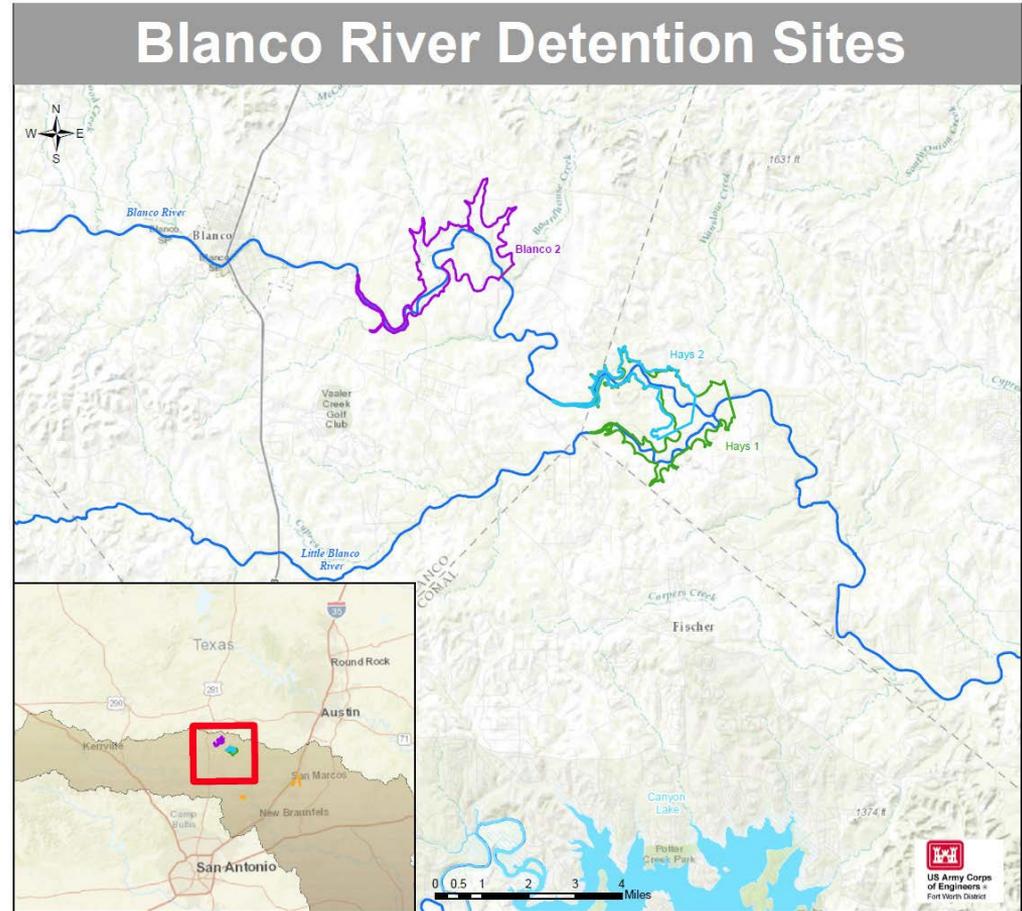






USACE Detention Evaluation

- 43,690 acre-feet of storage required
- In Blanco County / western Hays County
- Impacts multiple existing structures, significant ROW, displacements
- Only provides benefits if rains upstream of pond
- Cost: \$73 million



sanmarcostx.gov



Enhanced Floodplain Regulations

- No rise requirement in floodplain
- Compensatory floodplain storage requirement
- 100-yr floodplain easement
- Impervious cover limitations in stream corridor & buffer zones
- Finished floor 18-inches above base flood elevation
- Floodplain buffer for finished floor requirements to maintain 18-inches above BFE
- Regulations integrated with watershed protection

Agenda Item 8

Discussion, evaluation and action concerning the technical consultant procurement for Region 11 Guadalupe Regional Flood Planning Group.

- a. Update and discussion of responses to the RFQ
- b. Discuss a recommendation from the Executive Committee for the selection of a technical consultant
- c. Consider authorizing the Region 11 RFPG Sponsor to negotiate and execute a contract with the selected firm to provide technical consulting services with the development of a regional flood plan.

Agenda Item 9

Update from RFPG
Sponsor (GBRA)

Update from GBRA

Agenda Item 10

Public General Comments

Public Comments limited to 3 minutes per speaker

Agenda Item 11

Consider date and agenda items for next meeting

Agenda Item 12

Adjourn