



# BLANCO GARDENS INFRASTRUCTURE IMPROVEMENTS

Neighborhood Meeting  
Thursday, October 20<sup>th</sup>, 2022

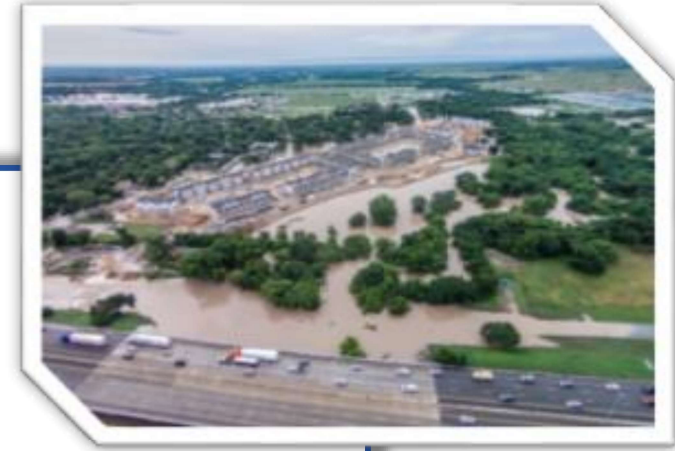
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# Infrastructure

## 2 MAJOR INFRASTRUCTURE PROJECTS:

- ❖ BLANCO GARDENS DRAINAGE IMPROVEMENTS
- ❖ BLANCO RIVERINE FLOOD MITIGATION
  - **Crucial components of a comprehensive, long-term recovery strategy to improve the city's drainage systems and reduce the risk of potential future flooding in neighborhoods and homes**
  - **Primary Purpose:** reduce the impact of floodwaters and local rain events.



*Blanco Gardens neighborhood, flooded during the 2015 Memorial Day Weekend*



# BLANCO GARDENS DRAINAGE IMPROVEMENTS PROJECT

## Background

- ❖ Address neighborhood (localized) flooding tied back to the 2015 Federally-Declared Natural Disasters and address needed infrastructure improvements in the Blanco Gardens neighborhood.
  - Construct new storm sewer systems along Conway Street, Barbara Drive, and River Road.
  - Install new inlets along River Road that connect to an existing channel parallel to the Red Point Apartments to relieve the existing storm system and tie into existing water quality treatment methods.
  - Install concrete channels within the alleyways parallel to Barbara and Conway to connect to stormwater pipes in River Road
  - Replace outdated Water and Wastewater infrastructure.
  - Install Electric Duct Bank along River Road from Animal Shelter Road to Old Martindale Road.
  - Regrade and crown a portion of River Road.
  - Repave areas of major underground utility upgrades.

## Construction Contractor

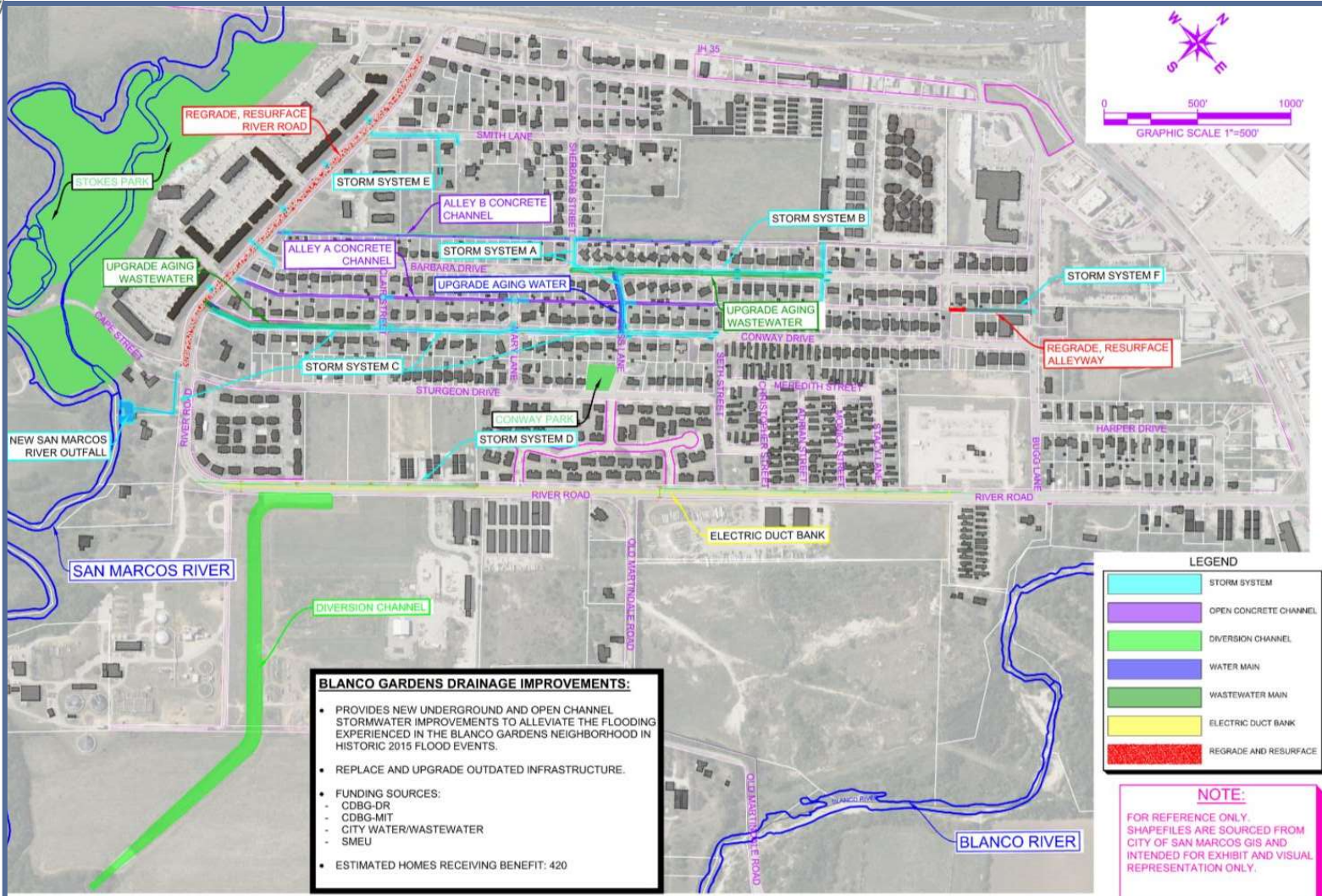
Santa Clara Construction, Ltd.  
Project Manager: Diego Ratchford  
Email: [diego.Ratchford@sccaustin.com](mailto:diego.Ratchford@sccaustin.com)

## City of San Marcos Capital Improvements

CDBG DR&MIT Infrastructure  
Project Manager: Jacquelyn Thomas, P.E.  
Email: [jthomas@sanmarcostx.gov](mailto:jthomas@sanmarcostx.gov)



# BLANCO GARDENS DRAINAGE IMPROVEMENTS PROJECT



## PURPOSE:

- Address neighborhood (localized) flooding tied back to the 2015 Federally-Declared Natural Disasters
- Address needed infrastructure improvements in the Blanco Gardens neighborhood

## DURATION:

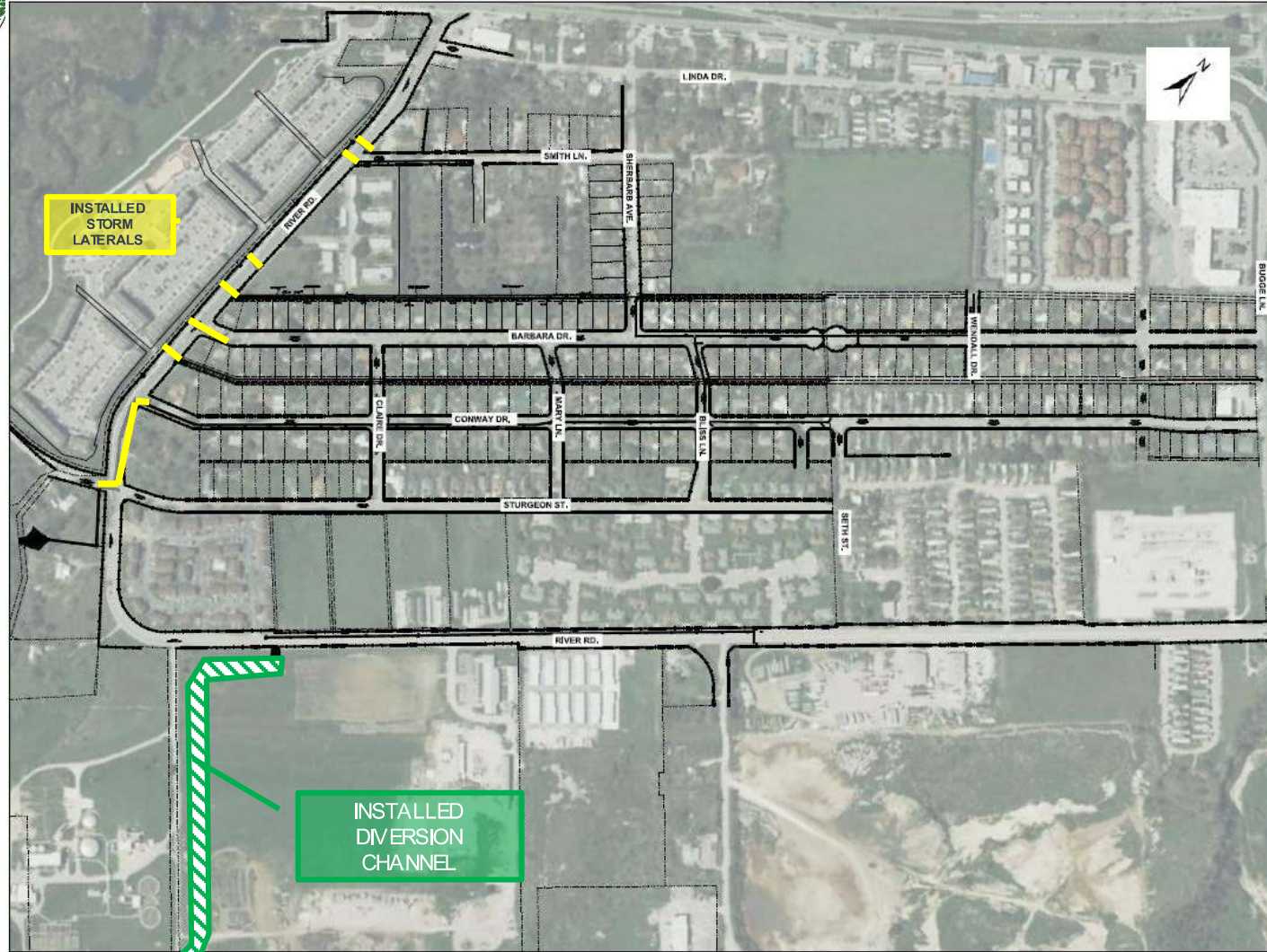
Start: March 2022

End: June 2024

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# BLANCO GARDENS DRAINAGE IMPROVEMENTS PROJECT



PRE-PROJECT

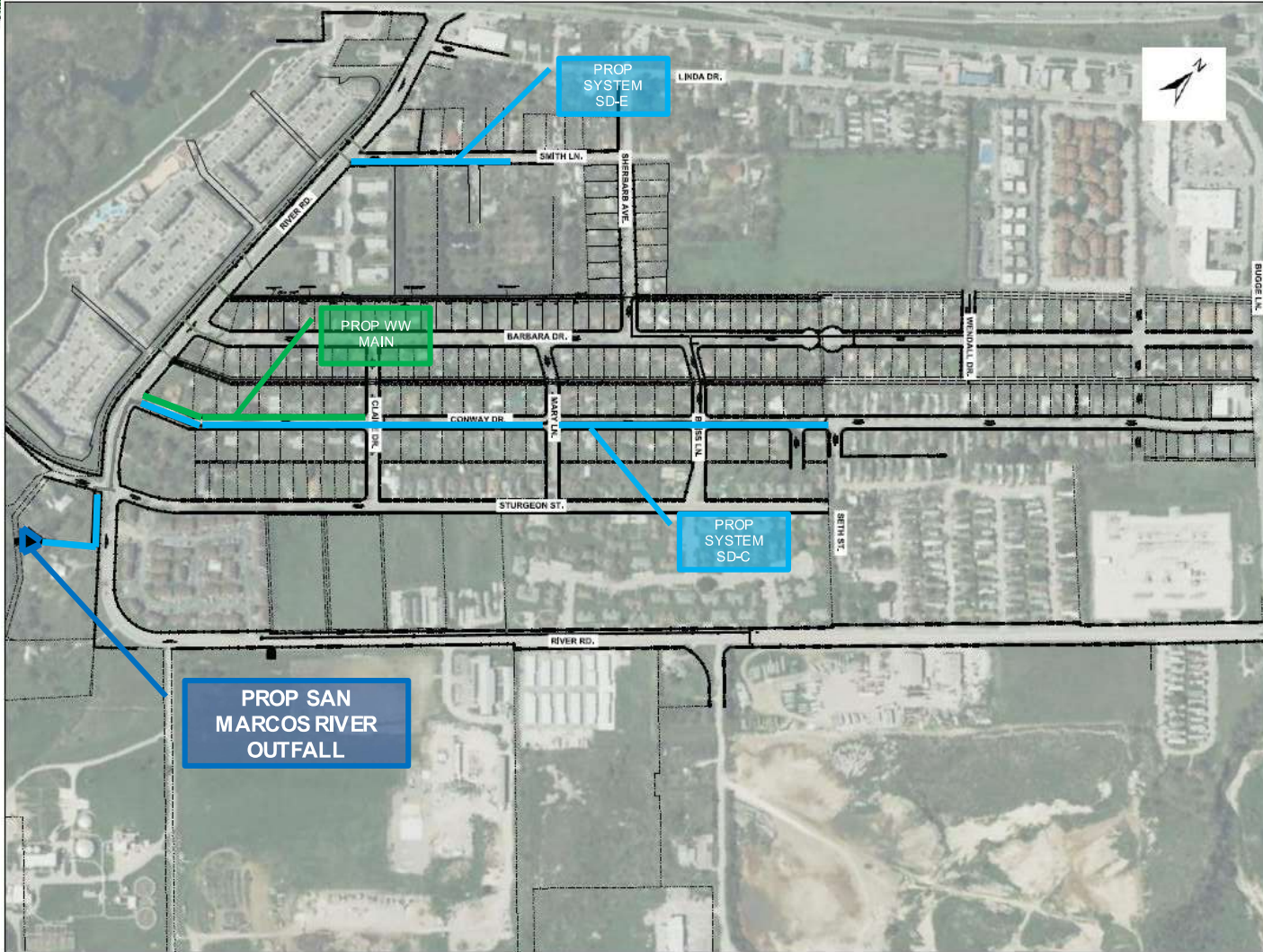
**LEGEND**

- Storm Outfall
- Underground Storm Pipe
- Street Regrading
- Underground Electric Duct Bank
- Open Concrete Channel
- Wastewater Main
- Existing Underground Storm Pipe
- Existing Open Grass Channel

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# BLANCO GARDENS DRAINAGE IMPROVEMENTS PROJECT



## PHASE 1

Milestone date:  
October 31, 2022

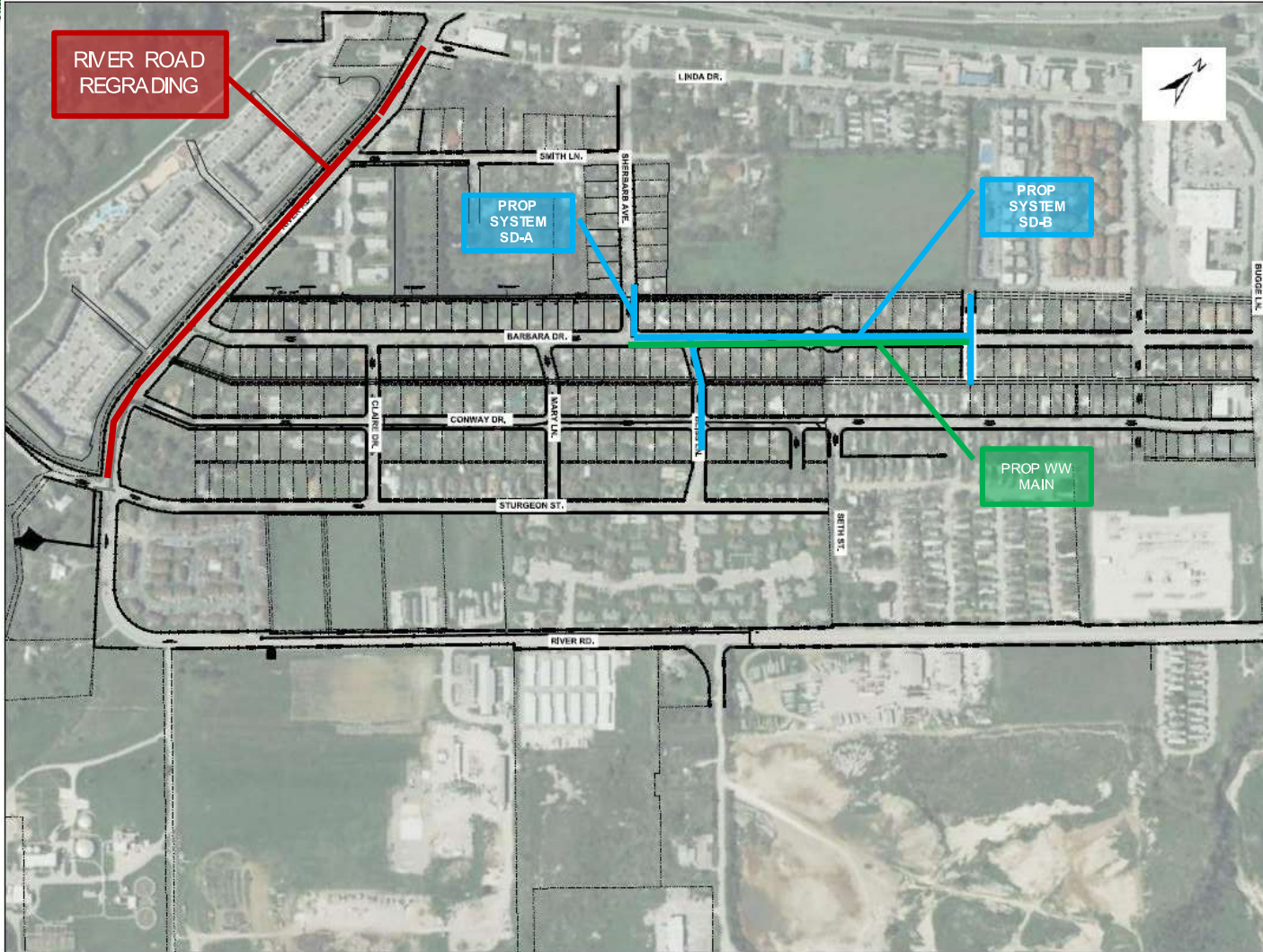
**LEGEND**

- Storm Outfall
- Underground Storm Pipe
- Street Regrading
- Underground Electric Duct Bank
- Open Concrete Channel
- Wastewater Main
- Existing Underground Storm Pipe
- Existing Open Grass Channel

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# BLANCO GARDENS DRAINAGE IMPROVEMENTS PROJECT



## PHASE 2

Milestone date:  
June 30, 2023

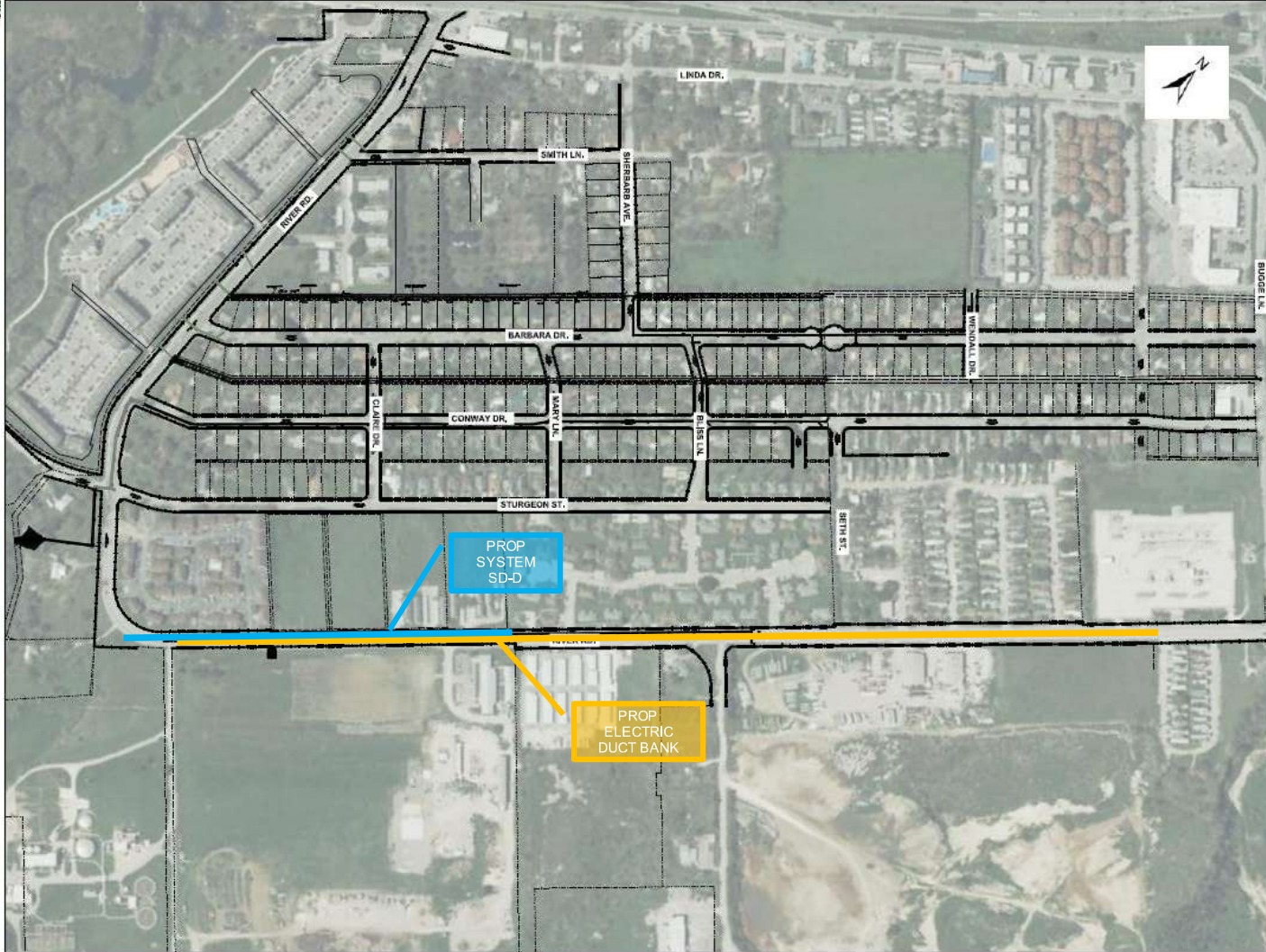
**LEGEND**

- Storm Outfall
- Underground Storm Pipe
- Street Regrading
- Underground Electric Duct Bank
- Open Concrete Channel
- Wastewater Main
- Existing Underground Storm Pipe
- Existing Open Grass Channel

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# BLANCO GARDENS DRAINAGE IMPROVEMENTS PROJECT



## PHASE 3

Milestone date:  
December 31, 2023

**LEGEND**

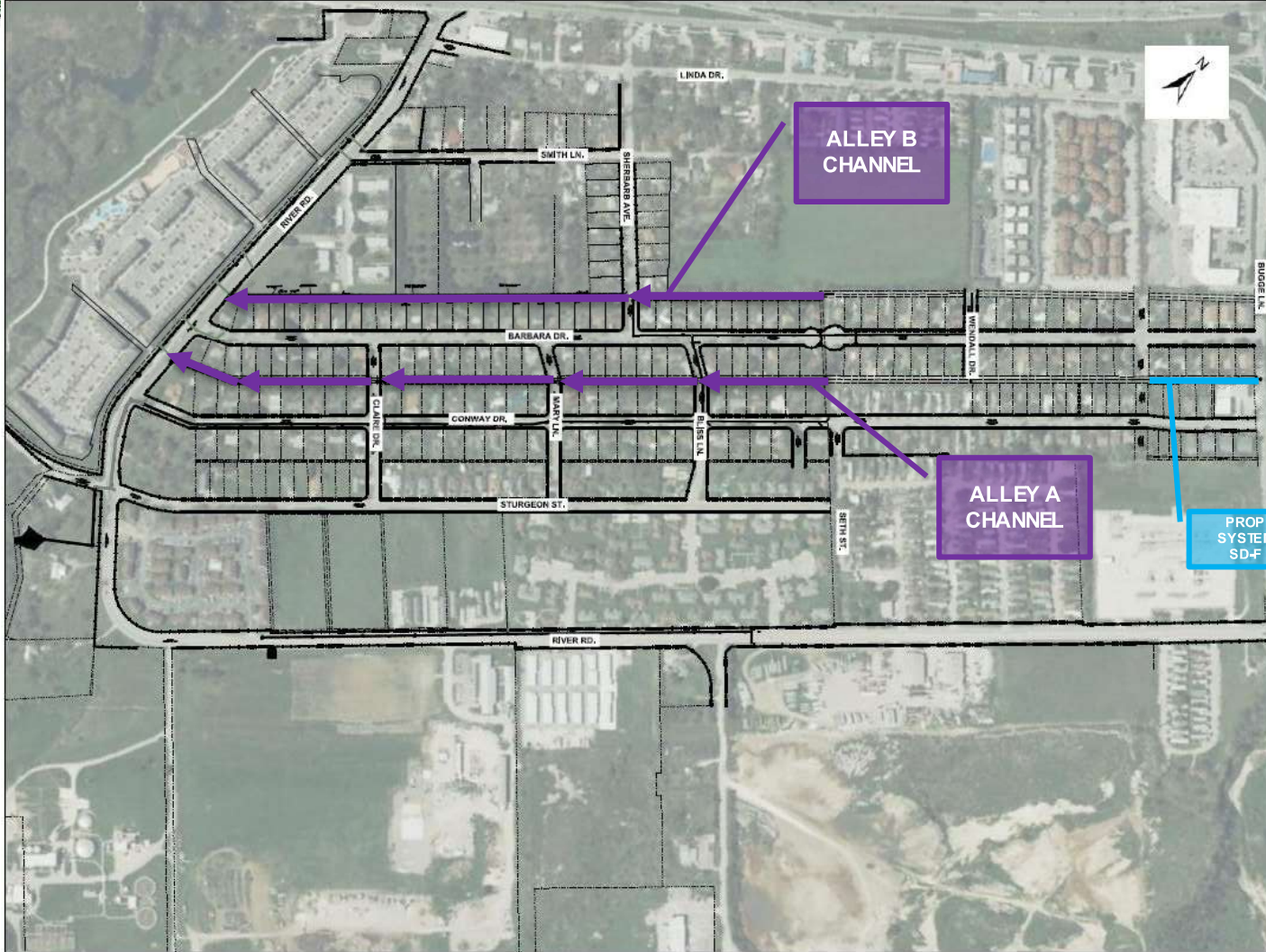
-  Storm Outfall
-  Underground Storm Pipe
-  Street Regrading
-  Underground Electric Duct Bank
-  Open Concrete Channel
-  Wastewater Main
-  Existing Underground Storm Pipe
-  Existing Open Grass Channel

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# BLANCO GARDENS DRAINAGE IMPROVEMENTS PROJECT



## PHASE 4

Milestone date:  
May 31, 2024

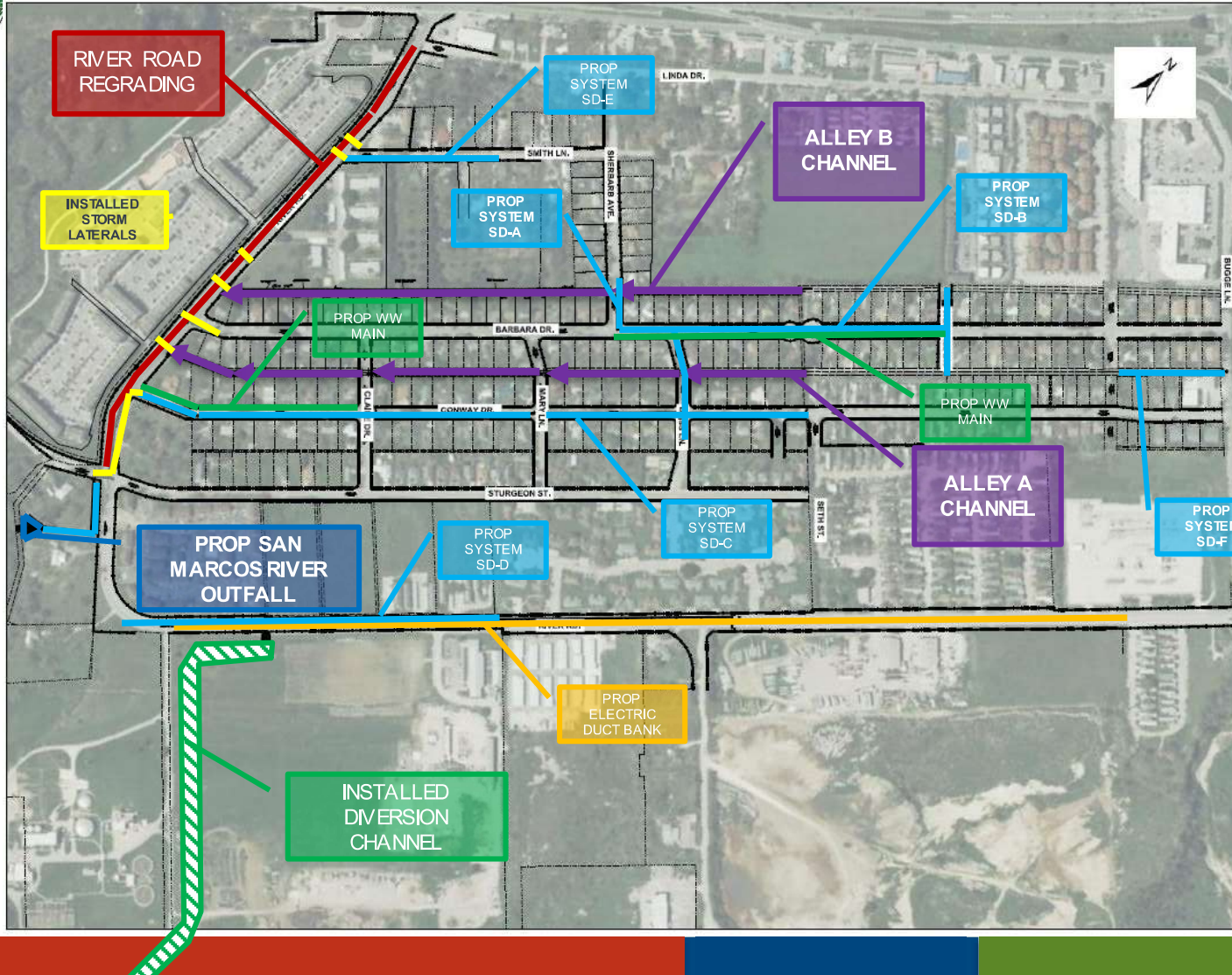
**LEGEND**

-  Storm Outfall
-  Underground Storm Pipe
-  Street Regrading
-  Underground Electric Duct Bank
-  Open Concrete Channel
-  Wastewater Main
-  Existing Underground Storm Pipe
-  Existing Open Grass Channel

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# BLANCO GARDENS DRAINAGE IMPROVEMENTS PROJECT



## COMPLETED PROJECT

Final Completion:  
June 1, 2024

**LEGEND**

-  Storm Outfall
-  Underground Storm Pipe
-  Street Regrading
-  Underground Electric Duct Bank
-  Open Concrete Channel
-  Wastewater Main
-  Existing Underground Storm Pipe
-  Existing Open Grass Channel

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# BLANCO GARDENS DRAINAGE IMPROVEMENTS PROJECT



## INFRASTRUCTURE PROGRESS TO DATE

As of October 20, 2022

**LEGEND**

-  Storm Outfall
-  Underground Storm Pipe
-  Street Regrading
-  Underground Electric Duct Bank
-  Open Concrete Channel
-  Wastewater Main
-  Existing Underground Storm Pipe
-  Existing Open Grass Channel

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# BLANCO RIVERINE FLOOD MITIGATION PROJECT

## Background

- ❖ Address regional flooding tied back to the 2015 Federally-Declared Natural Disasters.
  - New Infrastructure includes:
    - **Relief Channel:**
      - More efficiently convey Blanco River flows to the San Marcos River
    - **Riverbank Lay-back and Stabilization:**
      - Stabilize eroding bank along Blanco River.
    - **Berm and Floodwall:**
      - Prevent flood waters from entering the Blanco Gardens Neighborhood during 50 year and more frequent events.

## Construction Contractor

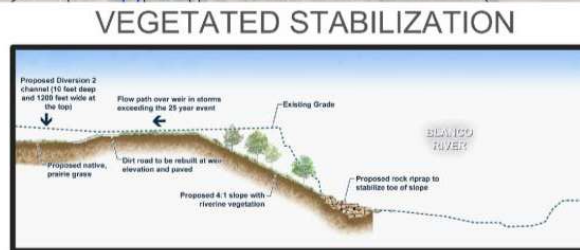
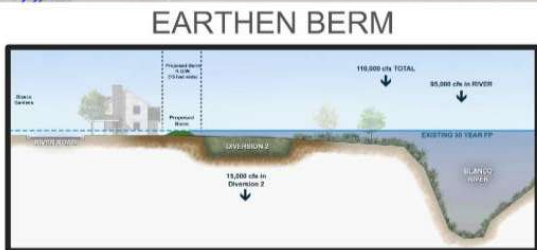
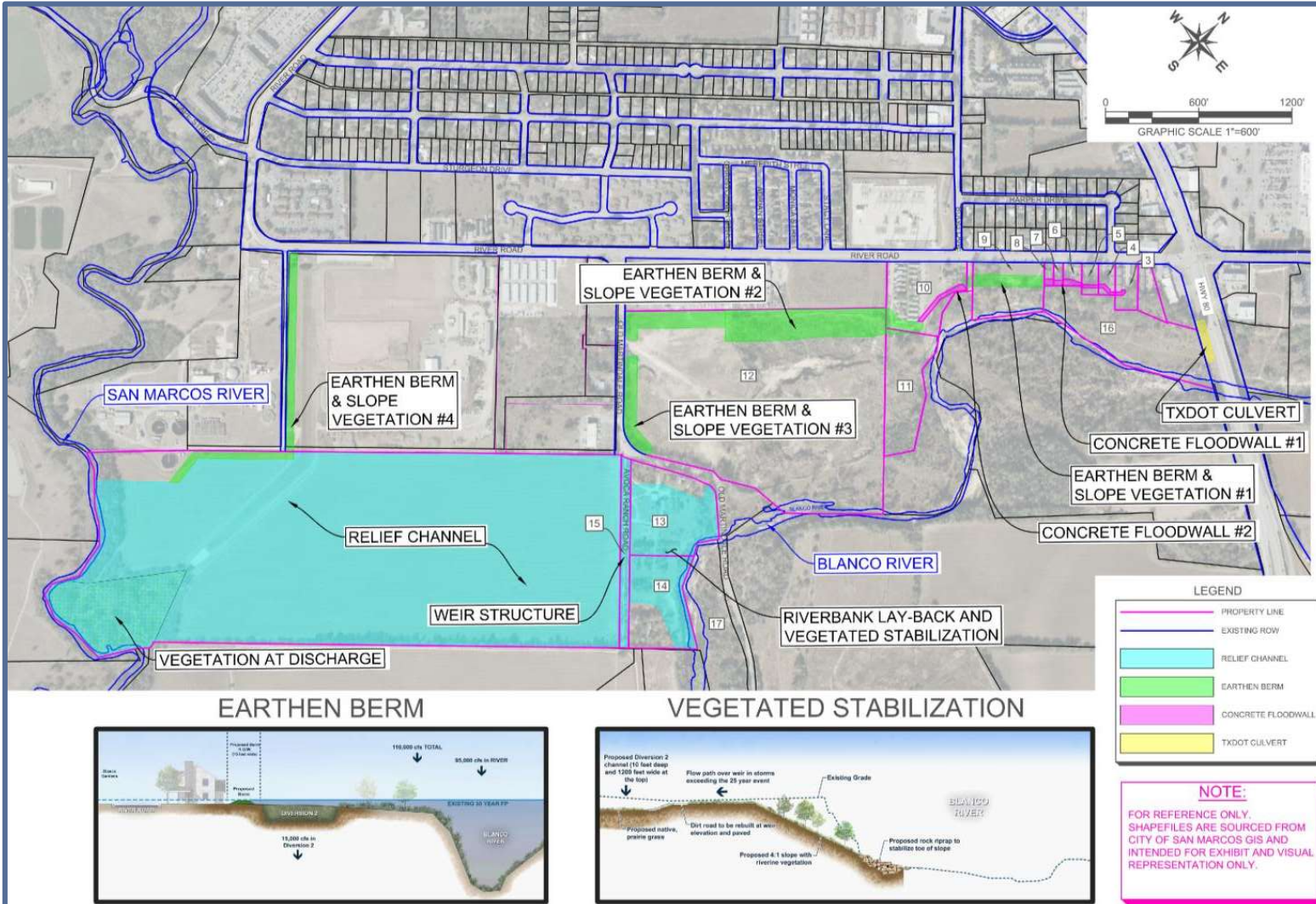
Smith Contracting Co., Inc.  
Project Manager: Travis Ragland  
Email: [travisragland@sccitx.com](mailto:travisragland@sccitx.com)

## City of San Marcos Capital Improvements

CDBG DR&MIT Infrastructure  
Project Manager: Jacquelyn Thomas, P.E.  
Email: [jthomas@sanmarcostx.gov](mailto:jthomas@sanmarcostx.gov)



# BLANCO RIVERINE FLOOD MITIGATION PROJECT



LEGEND

	PROPERTY LINE
	EXISTING ROW
	RELIEF CHANNEL
	EARTHEN BERM
	CONCRETE FLOODWALL
	TXDOT CULVERT

**NOTE:**  
FOR REFERENCE ONLY. SHAPEFILES ARE SOURCED FROM CITY OF SAN MARCOS GIS AND INTENDED FOR EXHIBIT AND VISUAL REPRESENTATION ONLY.

## PURPOSE:

- **Berm and Floodwall:**
  - Prevent flood waters from entering the Blanco Gardens Neighborhood during 50 year and more frequent events.
- **Relief Channel:**
  - More efficiently convey Blanco River flows to the San Marcos River
- **Riverbank Lay-back and Stabilization:**
  - Stabilize eroding bank along Blanco River.
- **Funded with CDBG – DR and MIT (Federal)**

## DURATION:

Start: October 2022

End: July 2024

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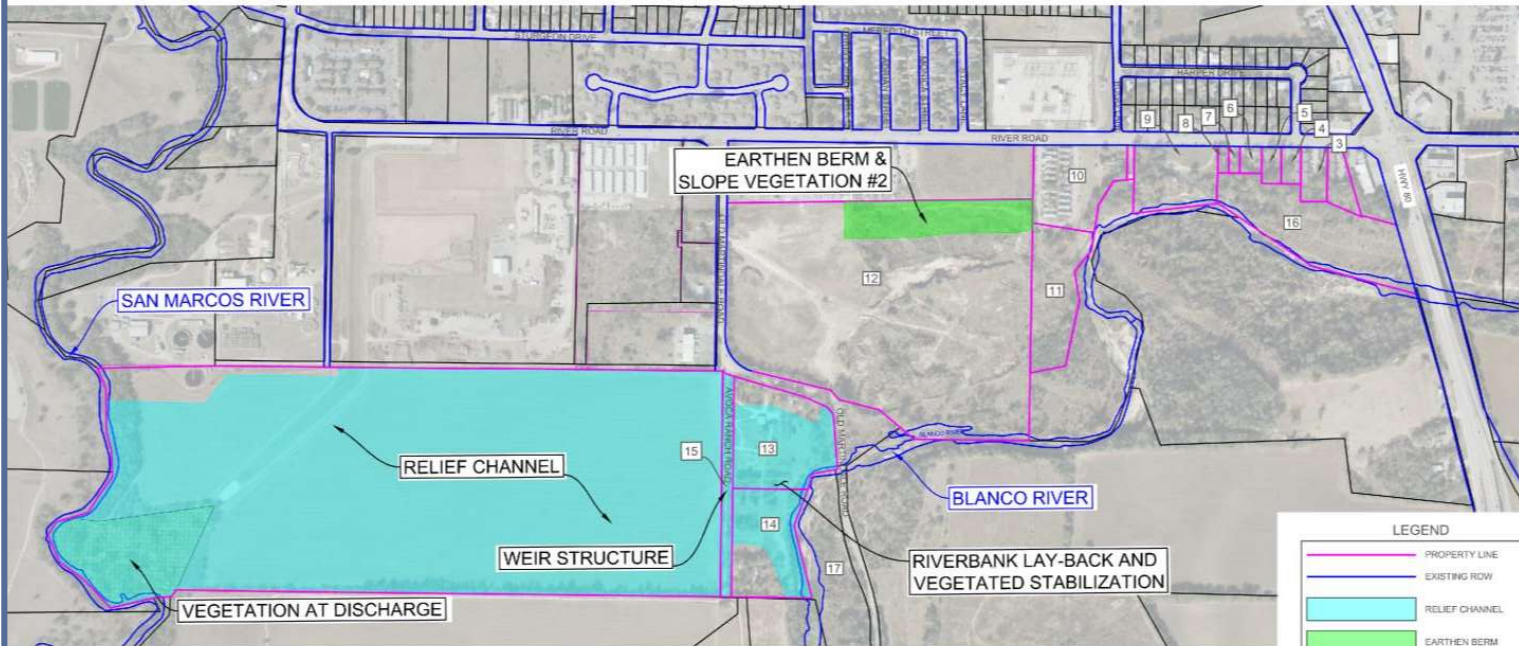
# BLANCO RIVERINE FLOOD MITIGATION PROJECT

## PHASE 1

MILESTONE DATE: **FEBRUARY 28, 2024**



0 600' 1200'  
GRAPHIC SCALE 1"=600'



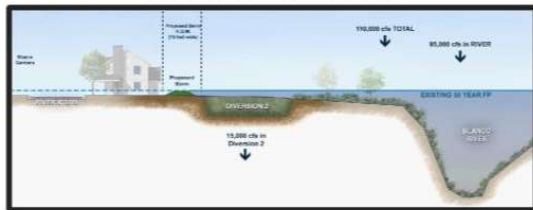
### PHASE 1:

- Relief Channel
- Riverbank Lay-back and Stabilization
- Partial Berm and Slope Vegetation

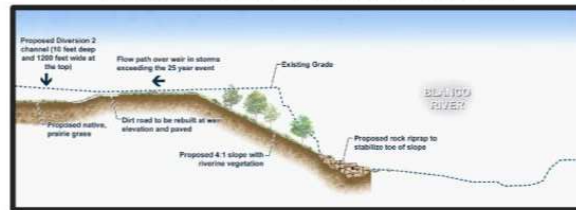
#### LEGEND

	PROPERTY LINE
	EXISTING ROW
	RELIEF CHANNEL
	EARTHEN BERM
	CONCRETE FLOODWALL
	TxDOT CULVERT

#### EARTHEN BERM



#### VEGETATED STABILIZATION



#### NOTE:

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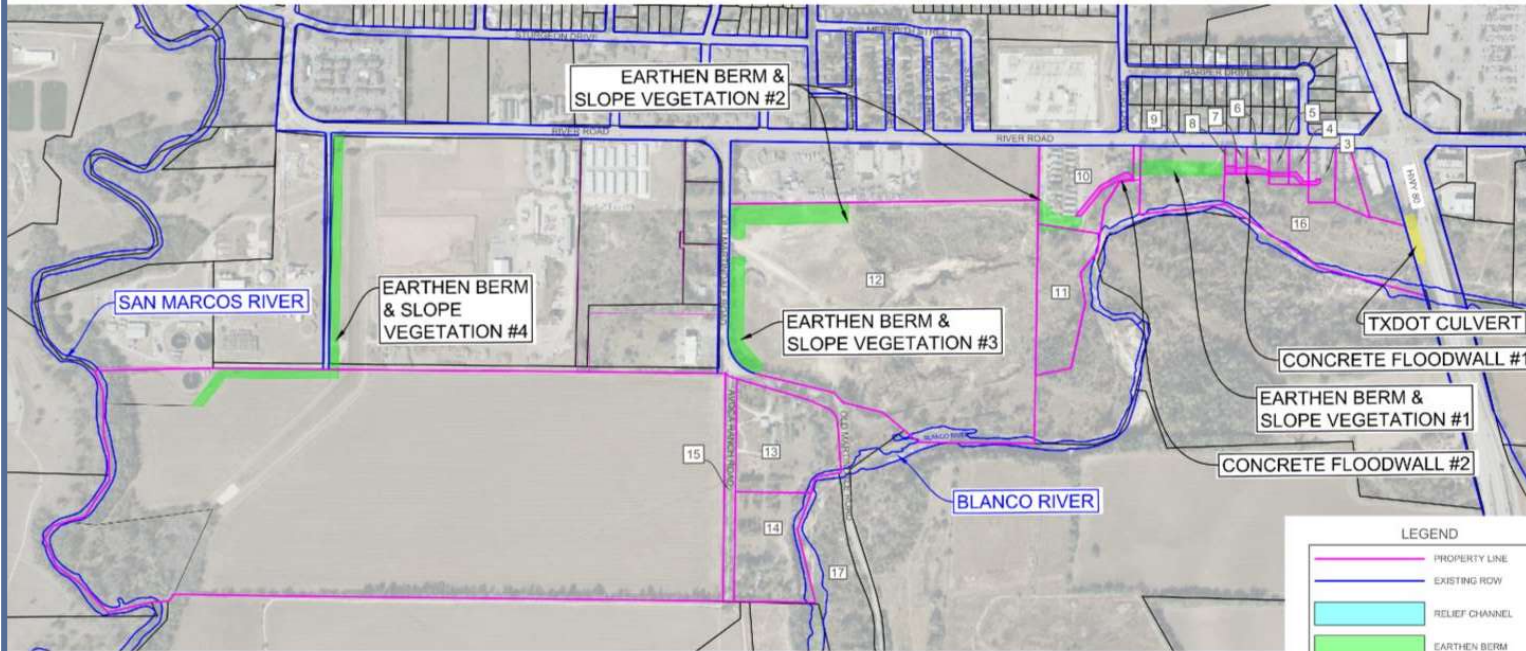
# BLANCO RIVERINE FLOOD MITIGATION PROJECT

## PHASE 2

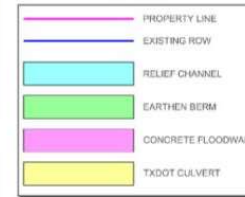
MILESTONE DATE: JUNE 30, 2024



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GRAPHIC SCALE 1"=600'



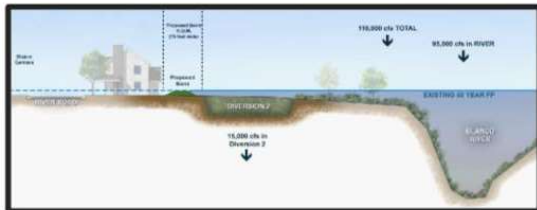
### LEGEND



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- PHASE 2:**
- Remainder of Berm and Slope Vegetation
  - Floodwall
  - TxDOT Culvert
  - Establish Vegetation

EARTHEN BERM



VEGETATED STABILIZATION



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# *FOLLOW CIP PROJECT UPDATES*

PROJECTS IN DESIGN AND CONSTRUCTION:

<https://cipdesignconstruction.sanmarcostx.gov/>

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PHONE:

(512) 393-8130

Capital Improvements

➤ <https://www.sanmarcostx.gov/323/Engineering-Capital-Improvements>

CDBG-DR

➤ <http://www.sanmarcostx.gov/3160/CDBG-Disaster-Recovery>

CDBG-MIT

➤ <http://www.ci.san-marcos.tx.us/3016/CDBG-Mitigation>

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