

ALLIANCE REGIONAL WATER AUTHORITY

CARRIZO PROJECT OVERVIEW

CALDWELL COUNTY COMMISSIONER'S COURT
MARCH 11, 2019



**HAYS
CALDWELL
PUBLIC UTILITY
AGENCY**



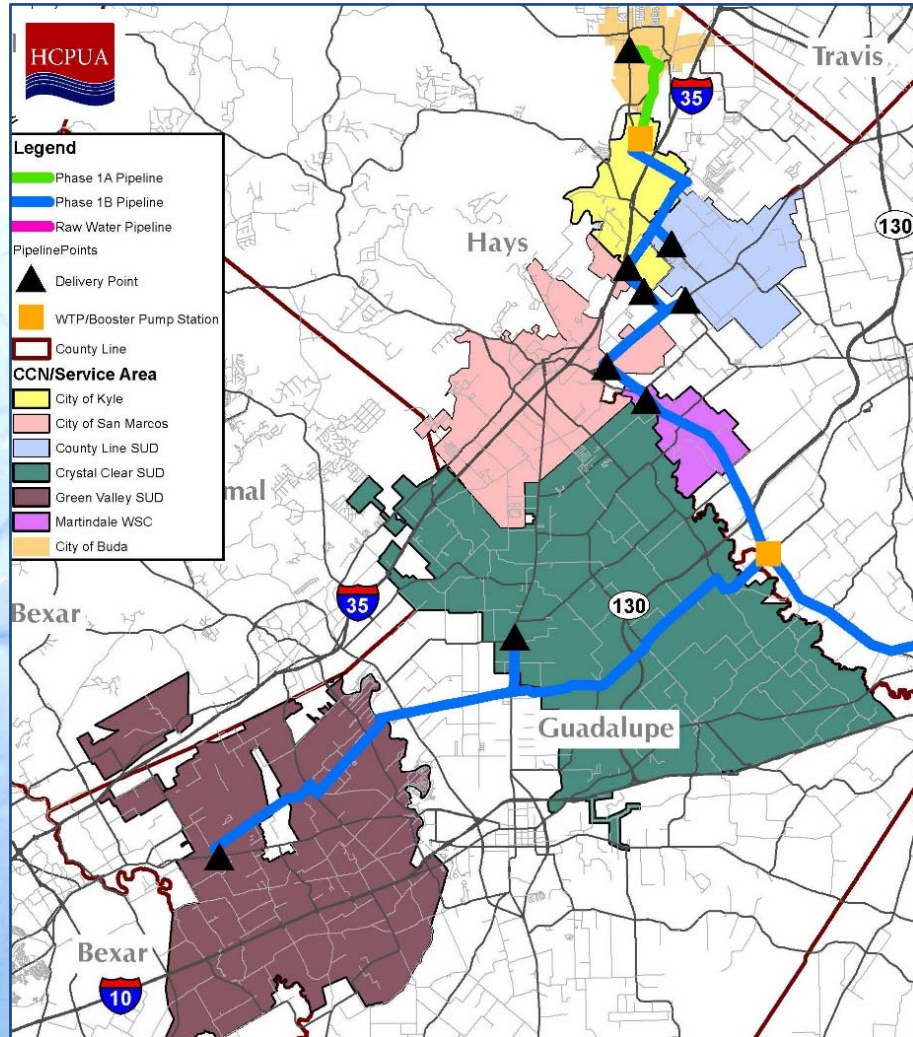
**ALLIANCE
REGIONAL
WATER
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ALLIANCE REGIONAL WATER AUTHORITY



AUTHORITY SPONSORS



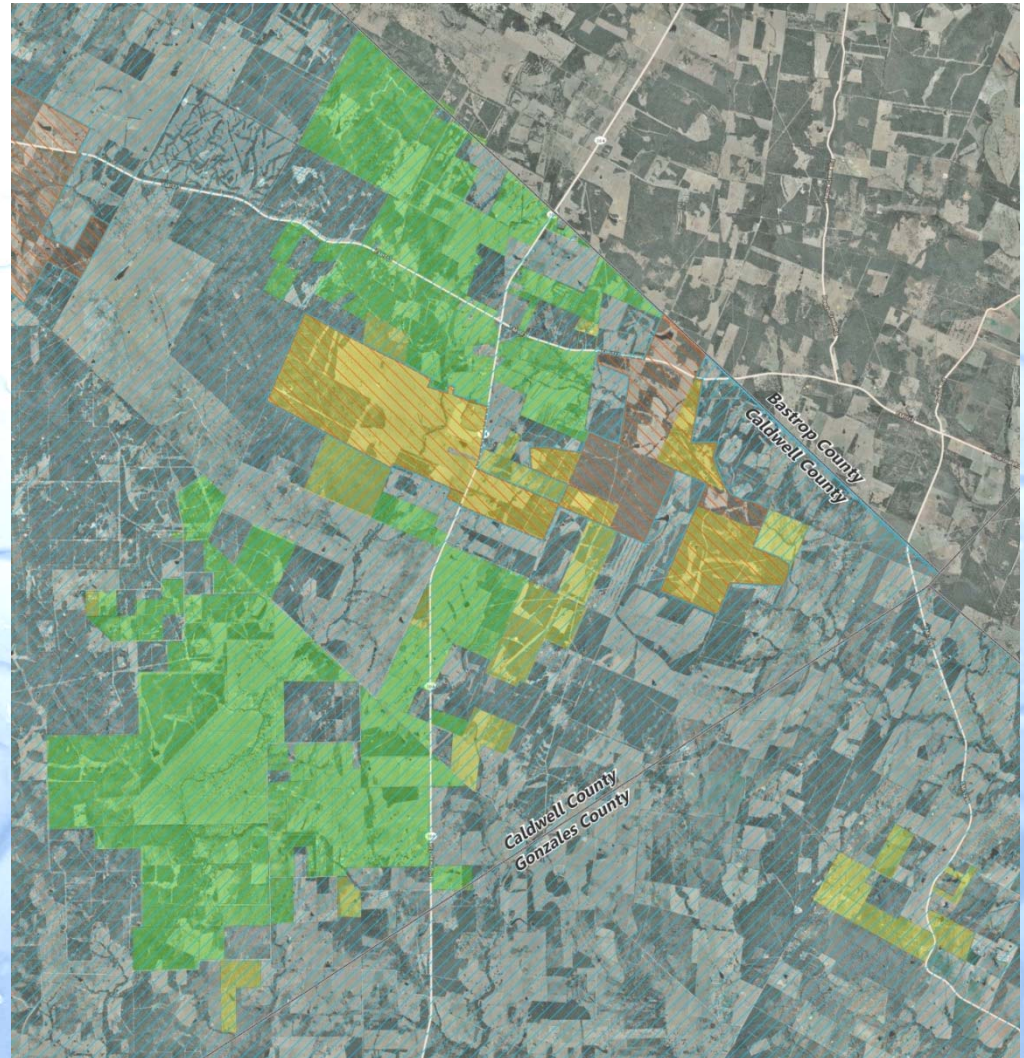
- San Marcos
- Kyle
- Buda
- Canyon Regional Water Authority, represents:
 - Crystal Clear SUD
 - Green Valley SUD
 - County Line SUD
 - Martindale WSC
- All Sponsors are not-for-profit cities or water companies

PROJECT HISTORY

- Members independently began looking for alternative supplies in 2002
- Joint long-term water supply study concluded in March 2005
- Hays Caldwell Public Utility Agency created in January 2007
- Water rights leasing began in 2008 and concluded in 2011
- 10,300 acre-feet per year permit secured from the Gonzales County Underground Water Conservation District in 2012
- 4,700 acre-feet per year permit secured from the Plum Creek Conservation District in 2017
- June 2017 – converted to Alliance Regional Water Authority
- July 2017 – secured project financing

WATER RIGHTS LEASING

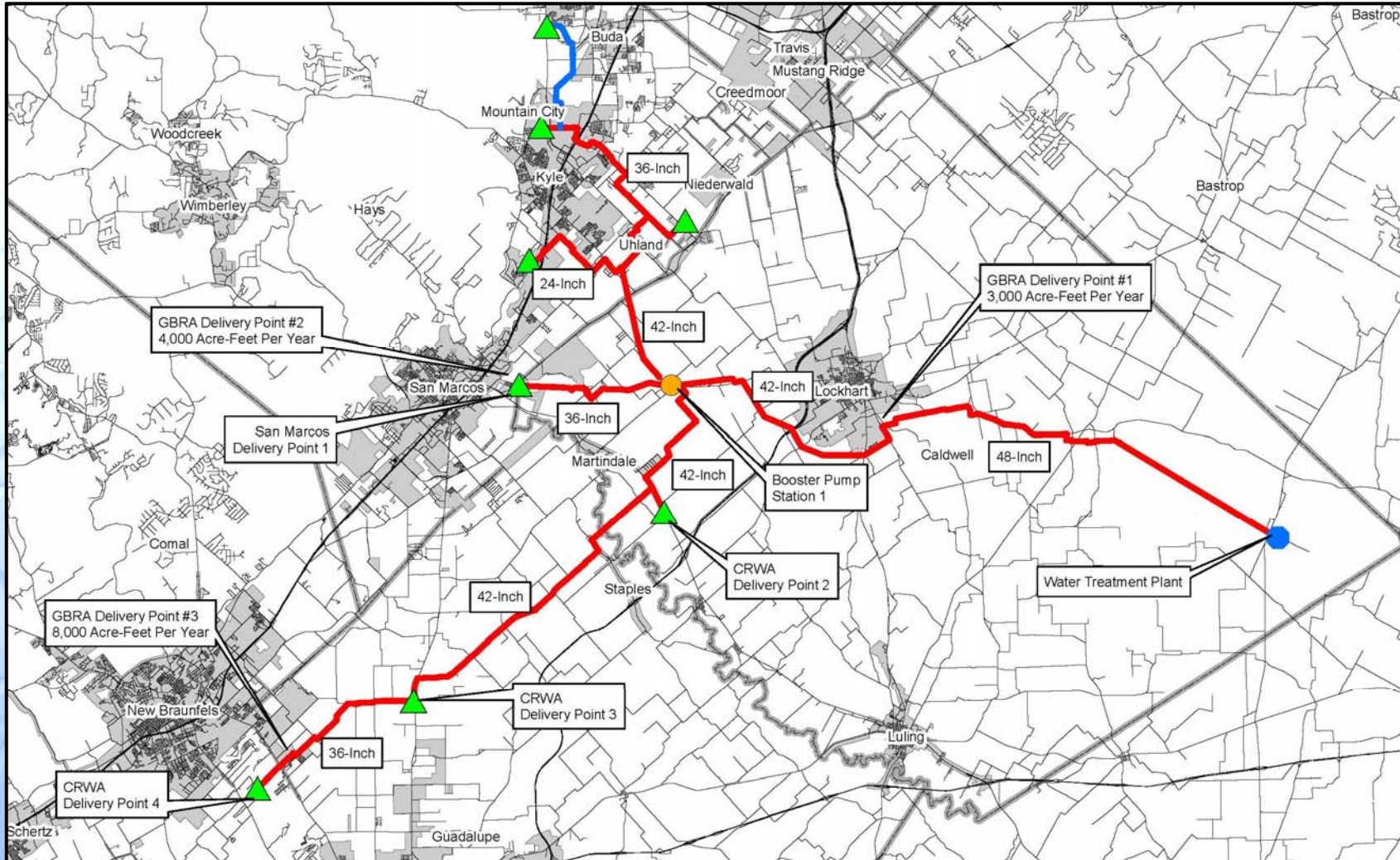
- Leased 17,385 acres of water rights
- Generally leased on a 50-yr renewable term
- Leases are split between two groundwater districts
- 80+ Landowners
- Partnership forged with landowners
- Landowners have been paid over \$10.2 million for water rights since leasing began



WATER PERMITS

- 10,300 acre-feet per year from the Gonzales County Underground Water Conservation District issued in November 2012
- 4,700 acre-feet per year from the Plum Creek Conservation District issued in February 2017

CARRIZO PROJECT (PHASE 1B)



PHASE 1B PROJECT STATUS

- Water Leases: ✓
- Groundwater Permits: ✓
- Project Financing: ✓

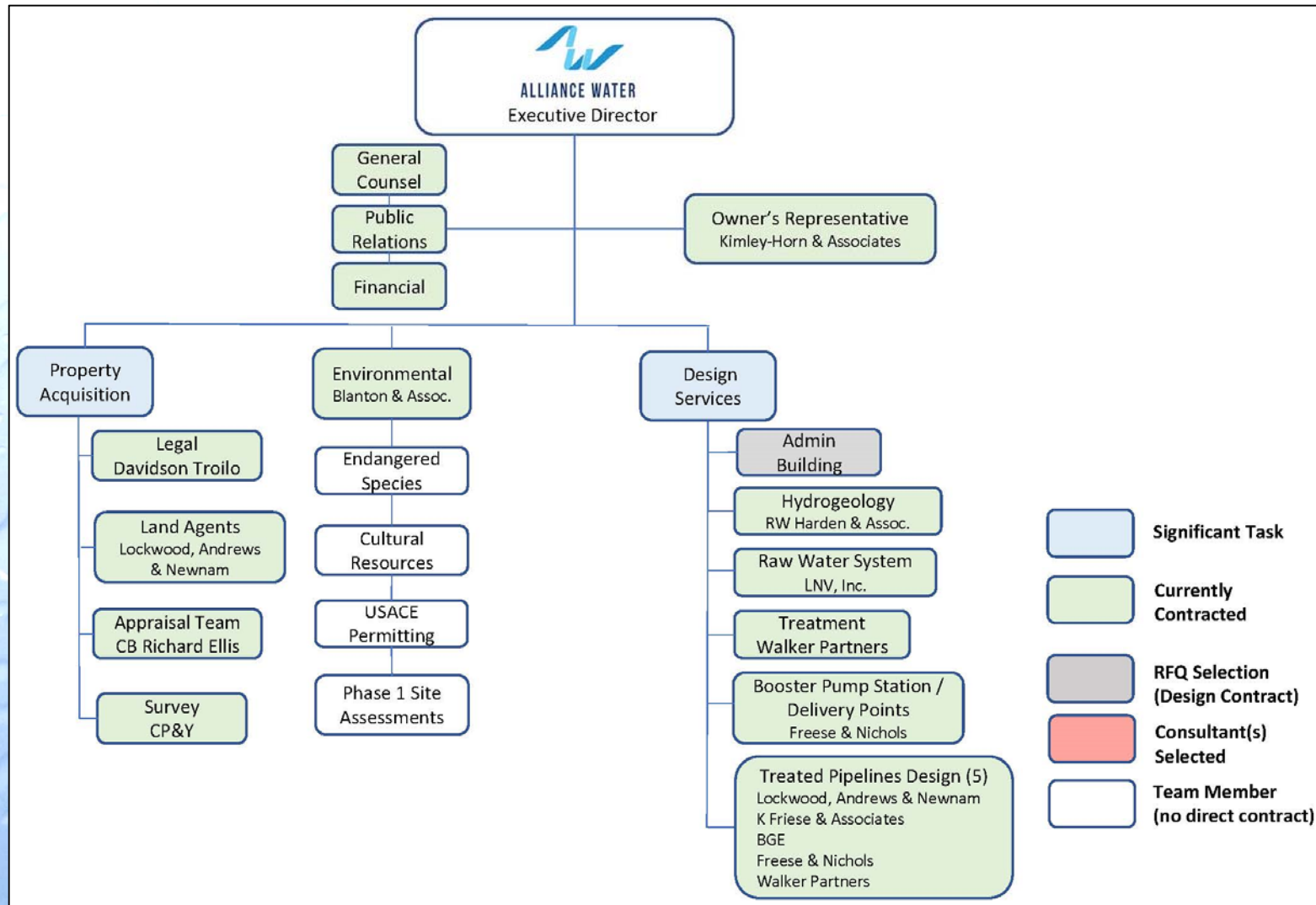
Texas Water Development Board approved \$213 million in project financing

Next Steps:

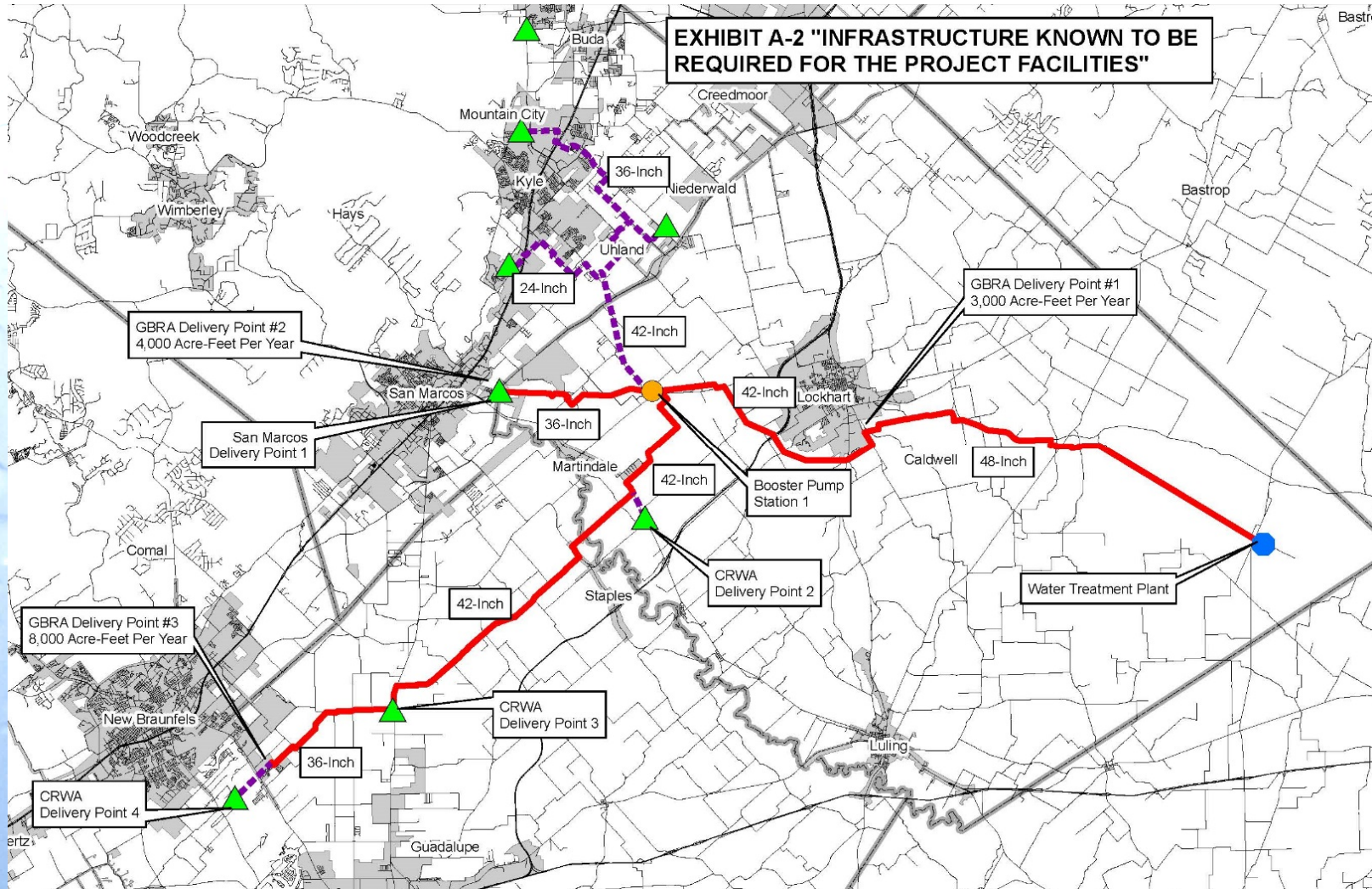
- Engineering Design - **Initiated**
- Easement Acquisition - **Initiated**
- Construction

Carrizo Water to be Delivered in 2023

PHASE 1B ORGANIZATIONAL CHART



AGREEMENT WITH GBRA



GBRA AGREEMENT HIGHLIGHTS

- Joint Water Treatment Plant
(1 plant instead of 2)
- Common Pipelines from the WTP to San Marcos and to New Braunfels
- Cost Savings for All Customers

EASEMENT ACQUISITION PROCESS

- **Engineering Analysis**

- Based on available aerial imagery, windshield surveys & any other readily available data
- Sets initial alignment



- **Property Access to Confirm Alignment**

- Engineering, surveying, geotechnical & environmental consultants on property
- Set final alignment after field work



EASEMENT ACQUISITION PROCESS (CONT'D)

- Easement Survey

- Survey the metes and bounds of the proposed easement based on final alignment



- Appraisal Development

- Prepare a certified appraisal report to the landowner based on comparable area property values



EASEMENT ACQUISITION PROCESS (CONT'D)

- Initial Offer

- Includes the easement document, the appraisal report and the monetary offer



- Finalize Easement

- Agree to terms & close on the easement

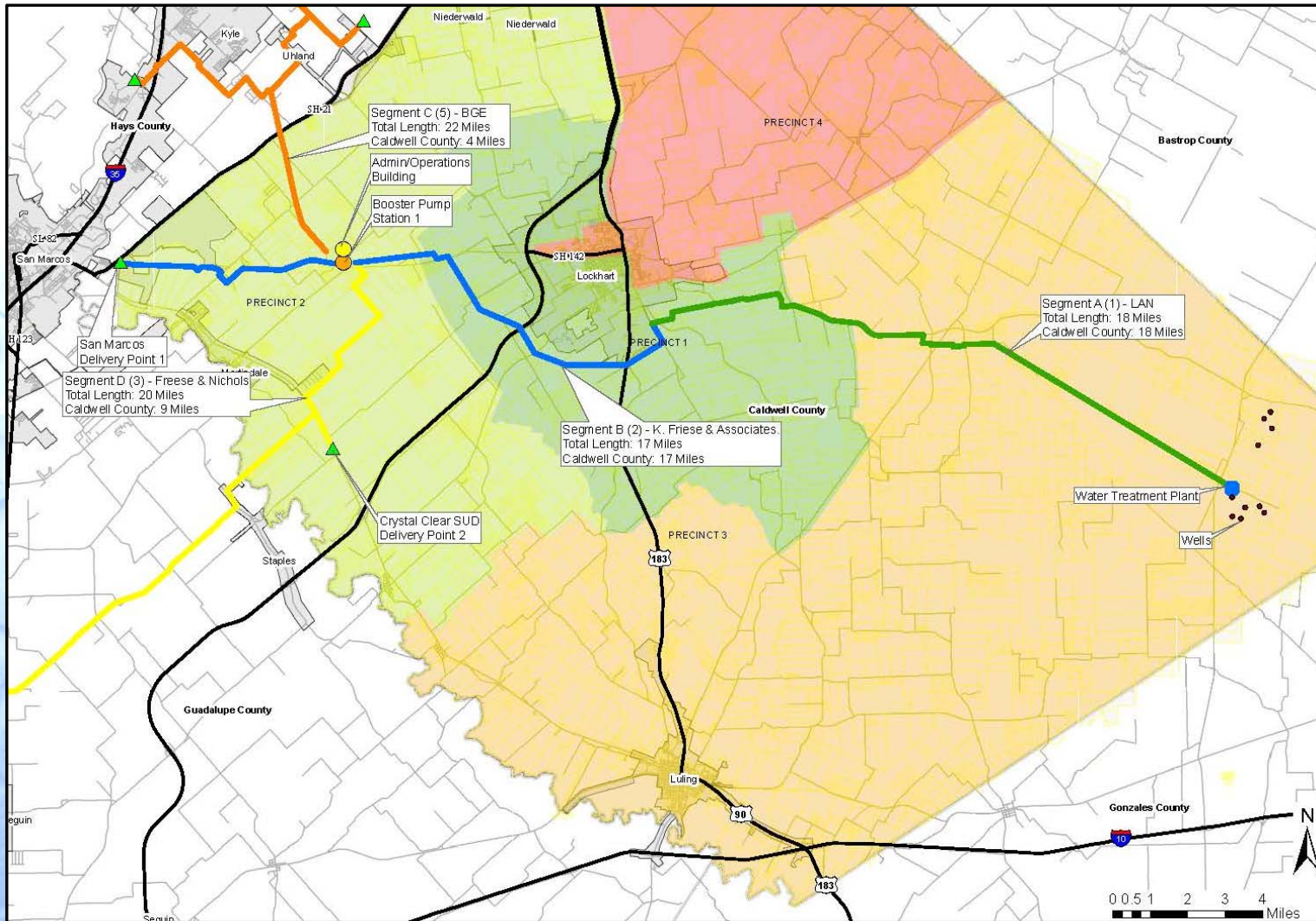


EASEMENT ACQUISITION PROCESS (CONT'D)

- **Condemnation, if necessary**
 - Alliance Water may exercise the power of eminent domain. The Board of Directors does not desire to use these powers, but will if necessary.



MAP FOR CALDWELL COUNTY



QUESTIONS

www.alliancewater.org

- or -

www.alliancewaterproject.org

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