



Board of Directors Meeting

May 20, 2025





Pledge of Allegiance

I pledge allegiance to the flag of the United States of America, and to the republic for which it stands, one nation under God, indivisible, with liberty and justice for all.

Pledge of Allegiance to the Texas Flag

Honor the Texas flag; I pledge allegiance to thee, Texas, one state under God, one and indivisible.



Agenda Item 2:
Public Comment



Agenda Item 3:
**Consider Approval of the Minutes from the Meeting
Held on April 15, 2025**

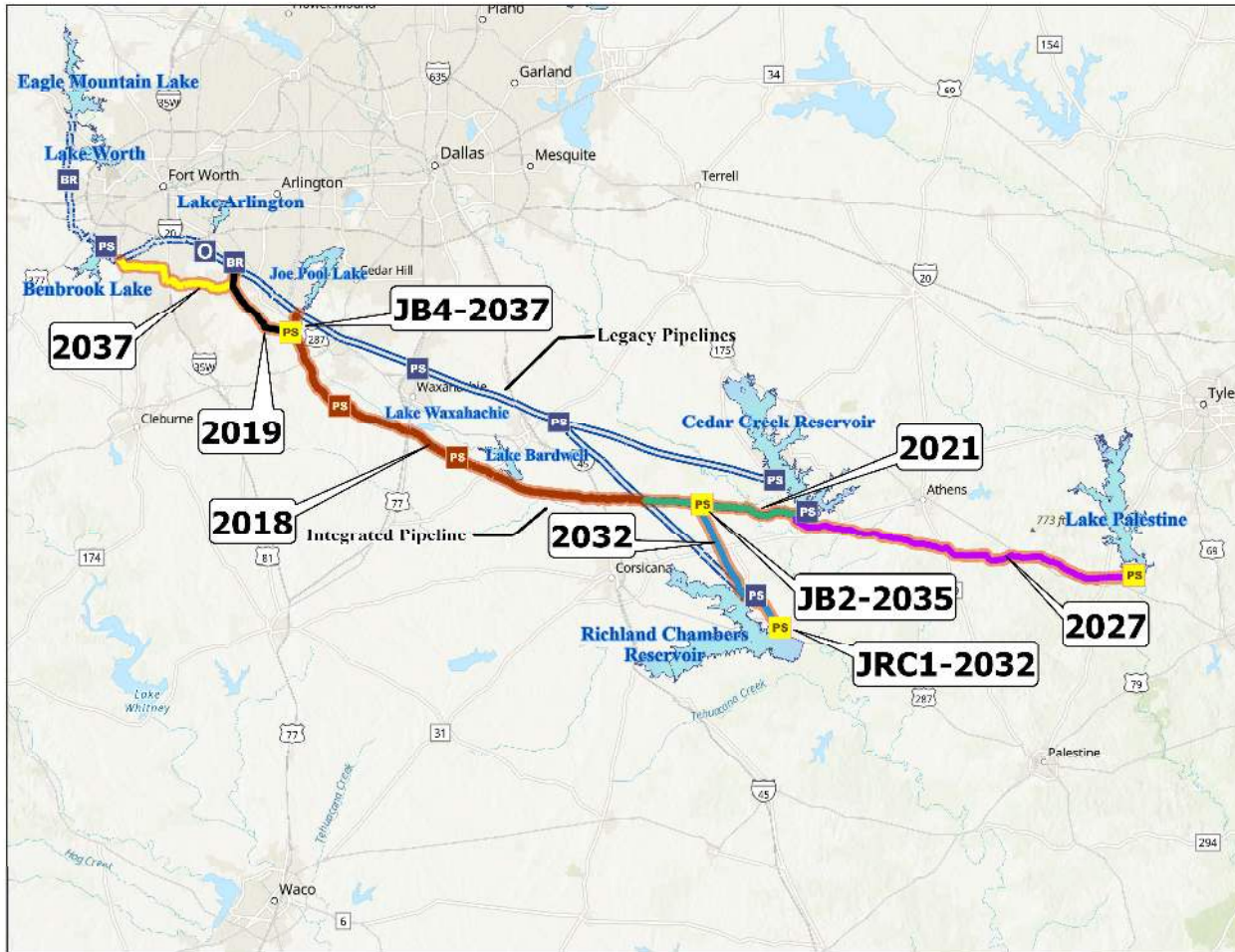


Item 4 :

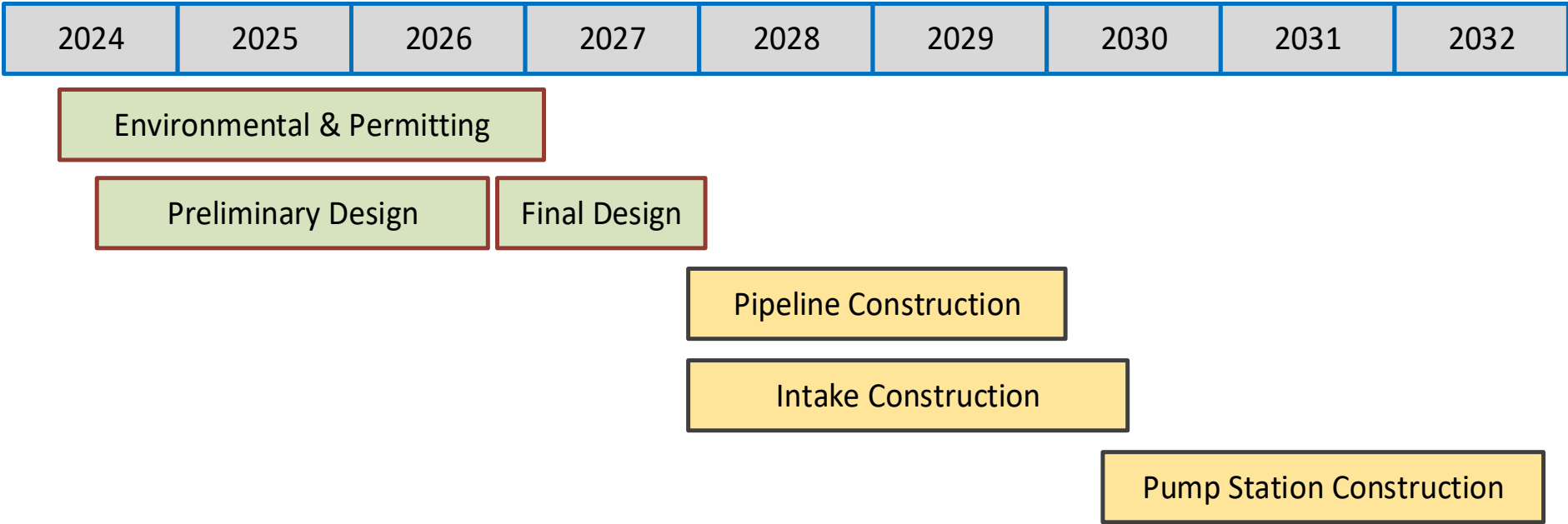
Consider Approval of Contract Amendment with AECOM Technical Services, Inc. for Program Wide Services in Support of Phase 4 of the Integrated Pipeline Project

Ed Weaver, IPL Program Manager

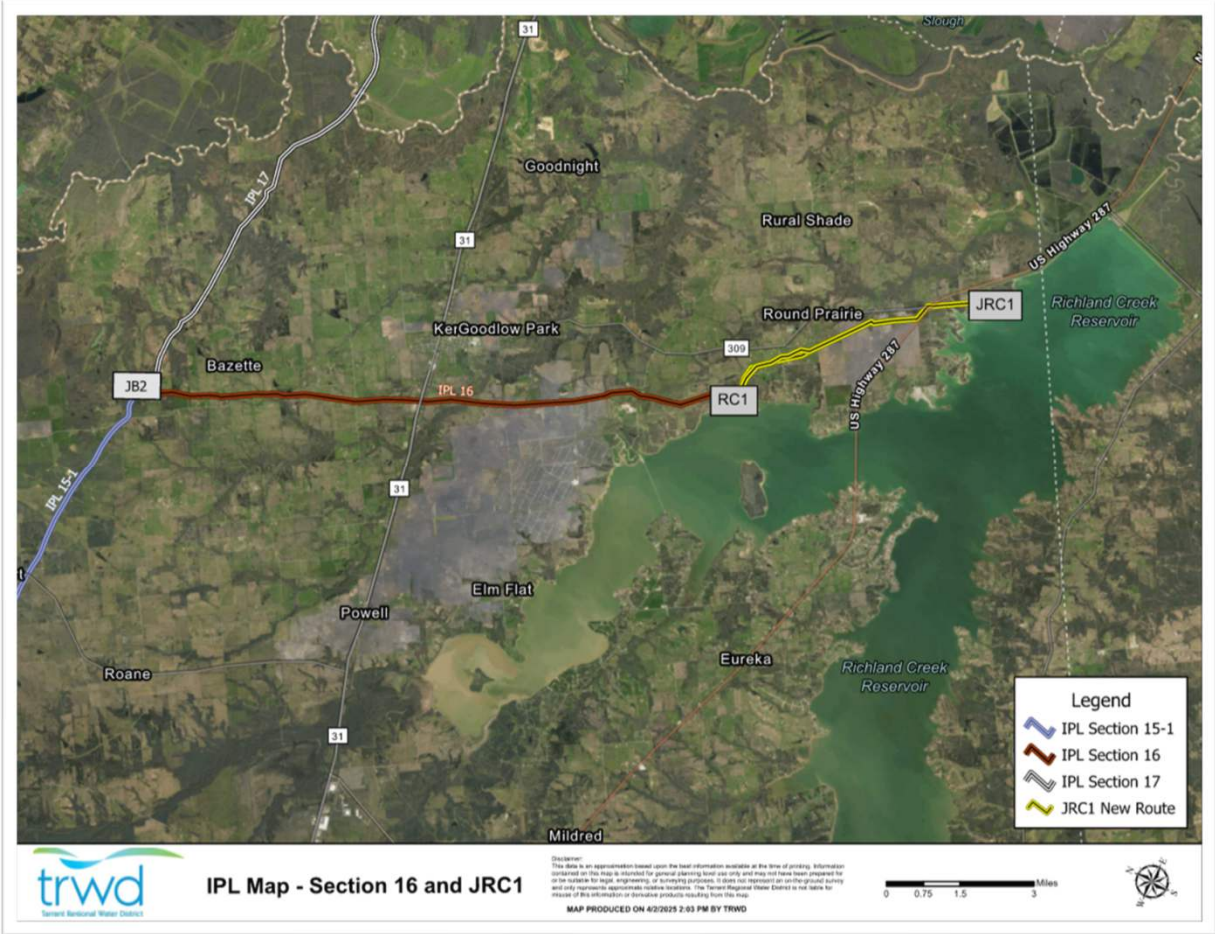
Joint Richland Chambers Lake Pump Station and Pipeline Segment 16



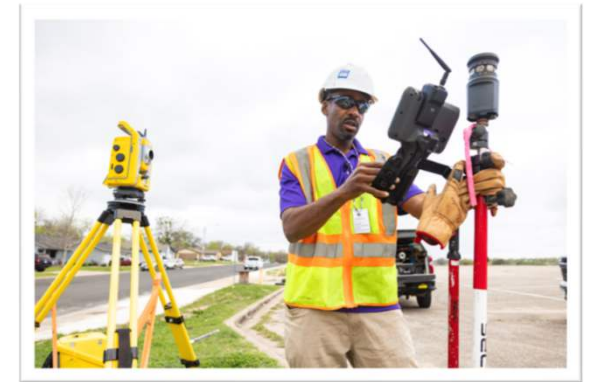
Joint Richland Chambers Lake Pump Station and Pipeline Segment 16 Preliminary Schedule



Joint Richland Chambers Lake Pump Station and Pipeline Segment 16

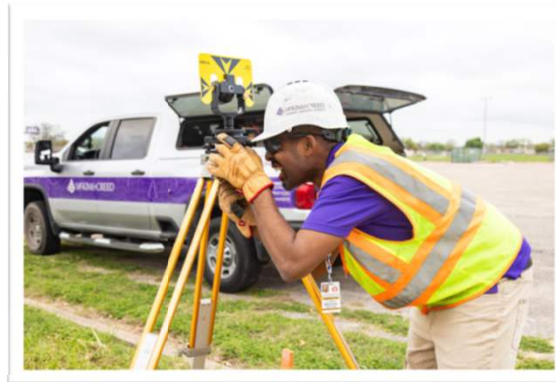


Integrated Pipeline -- Section16 and JRC1



SURVEY - DRONE

**SURVEY -
TOPOGRAPHIC AND LAND ACQUISITION**



Integrated Pipeline - Section16 and JRC1 AECOM Pipeline and Pump Station GEOTECH



GEOTECH – Borings Investigation and Design

Integrated Pipeline -- Section 16 and JRC1 AECOM Pipeline and Pump Station System Hydraulic Analysis

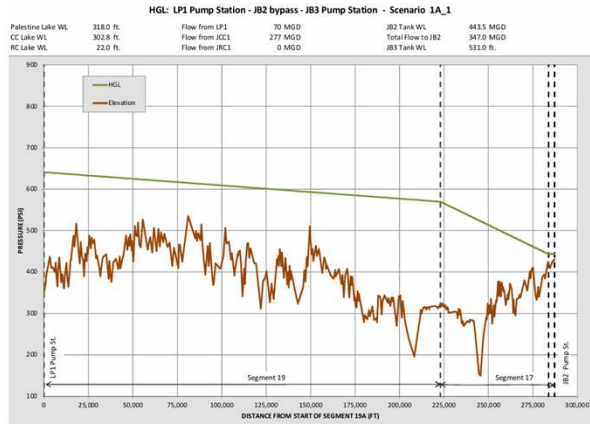
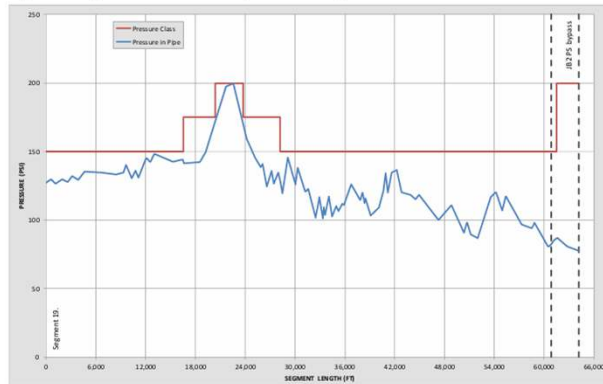
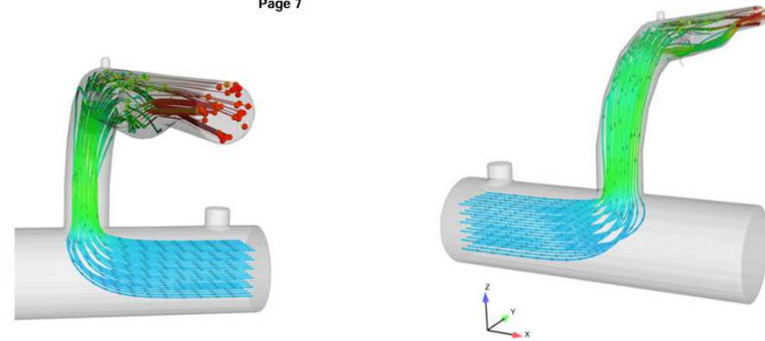


Figure 5 - Flow Streamlines Colored by Velocity Magnitude (JB3 Pump 1 Suction Piping)

Figure 2 - Segment 17A - Calculated pressure vs. Pipe Pressure Class - MAXIMUM Values



JB3 Suction Piping
CFD Modeling
Page 7



Cedar Creek (JCC1) Lake Palestine (LP1) and Richland Chambers (JRC1) Integrated Pipeline System Typical Design and Layout



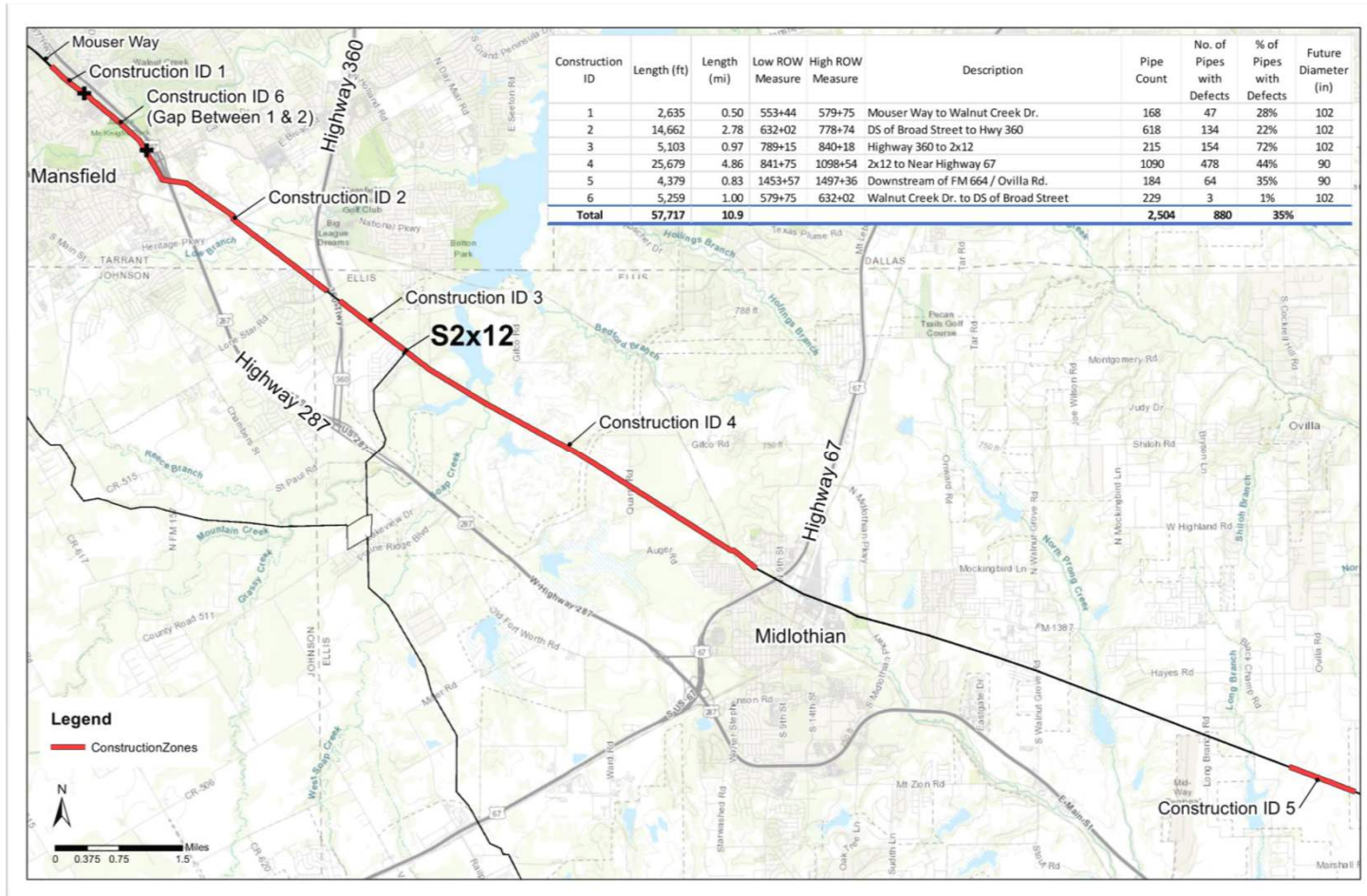


Item 5 :

Consider Approval of Contract with McKee Utility Contractors, LLC. for Cedar Creek Section 2 Pipeline Replacement Phase 1B Construction

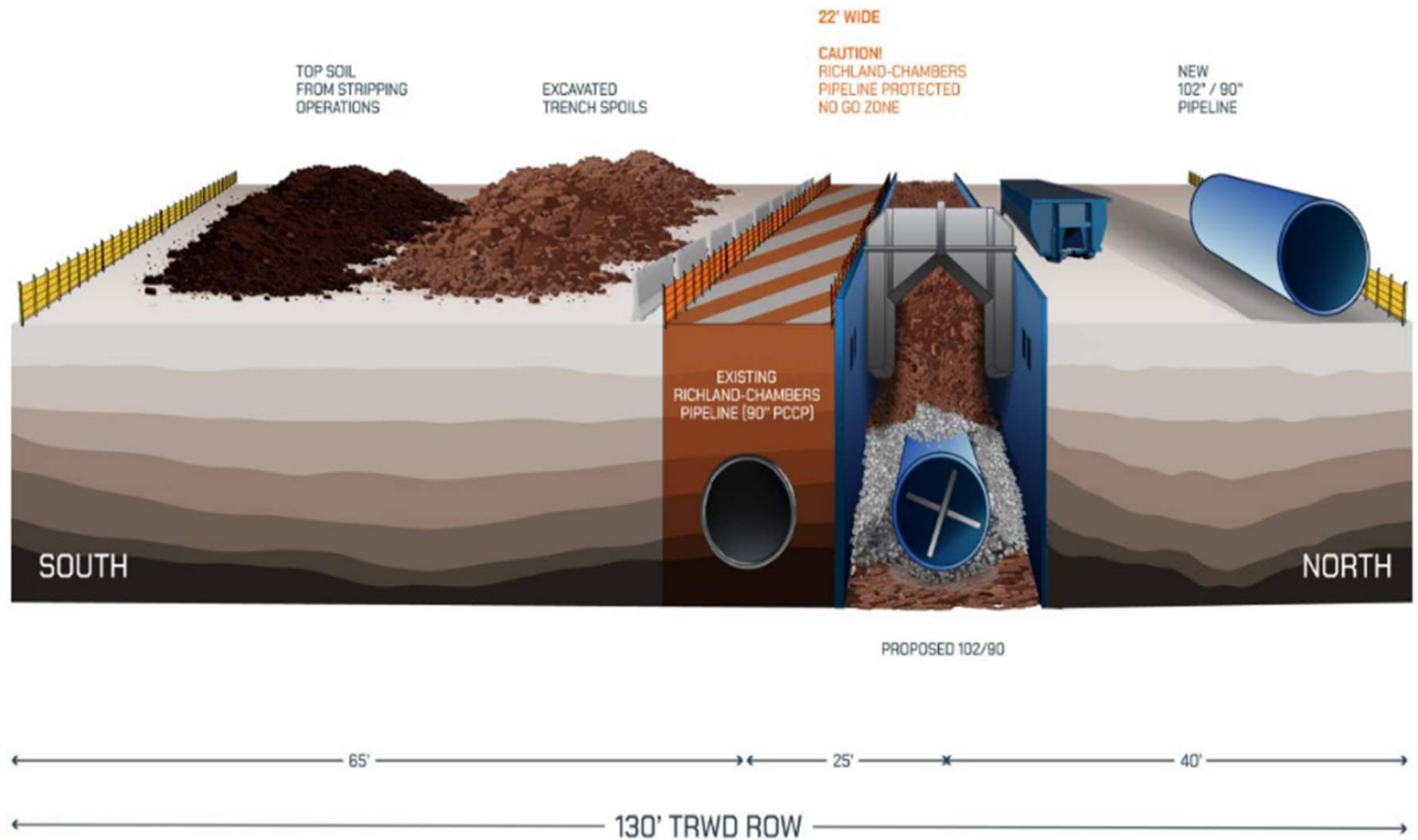
Jason Gehrig, Infrastructure Engineering Director

Cedar Creek Section II Pipeline Replacement Construction Phase 1B

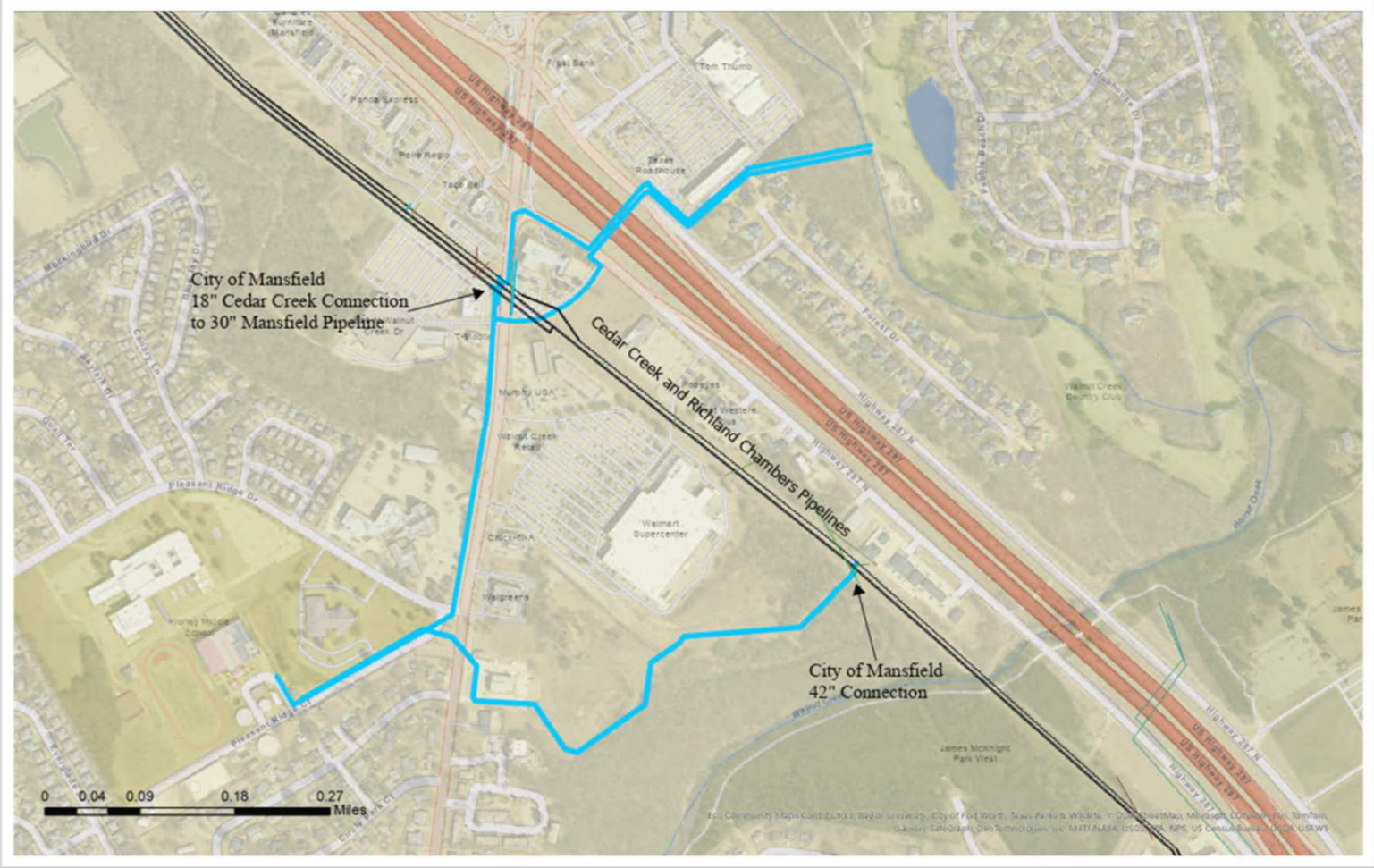


Cedar Creek Section II Pipeline Replacement Construction Phase 1B

- Construction Profile View

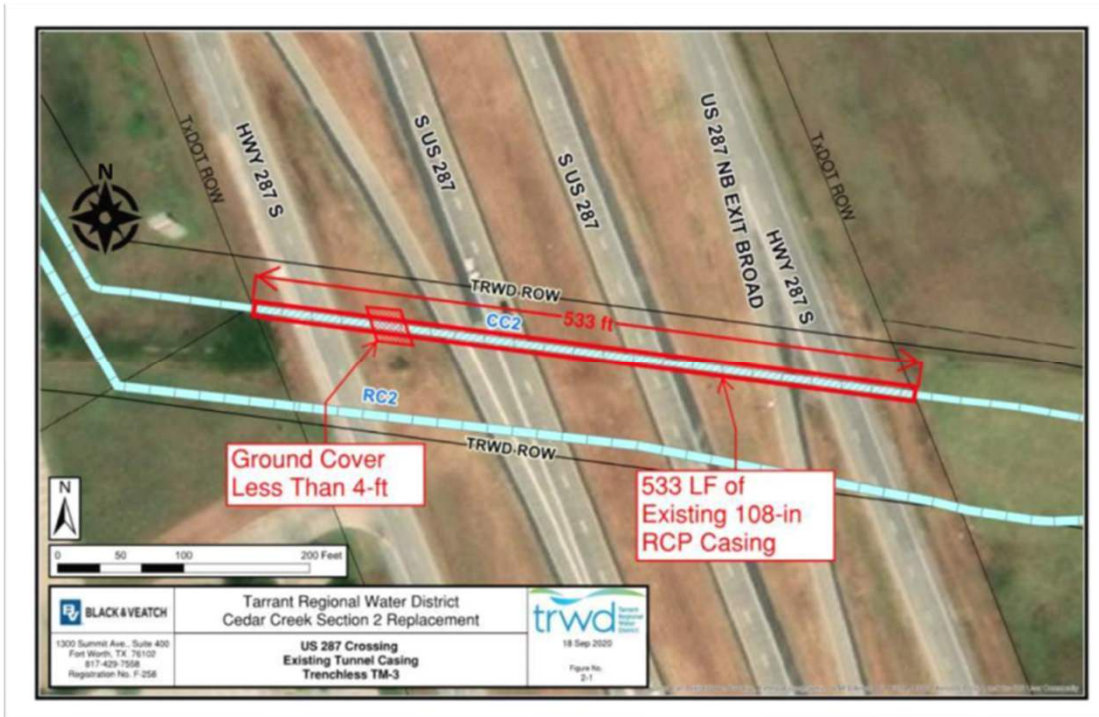


City of Mansfield Water Treatment Plant Pipeline Connections

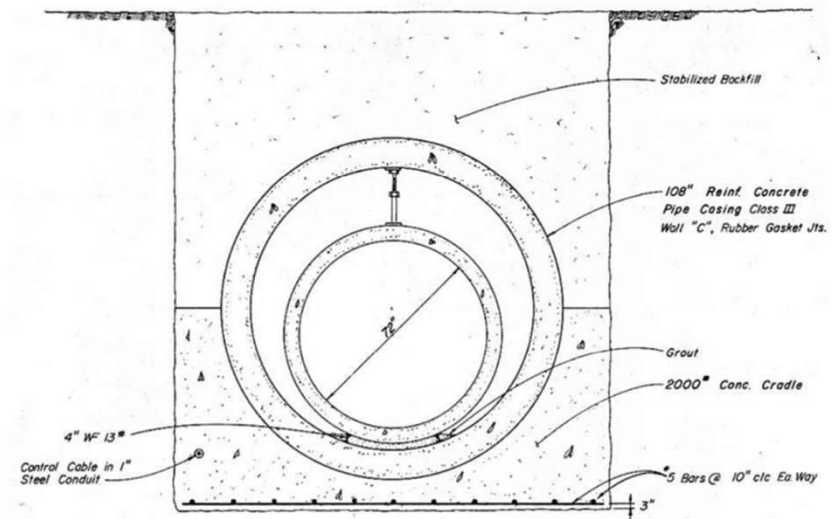


US Highway 287 Crossing

Aerial View of US 287

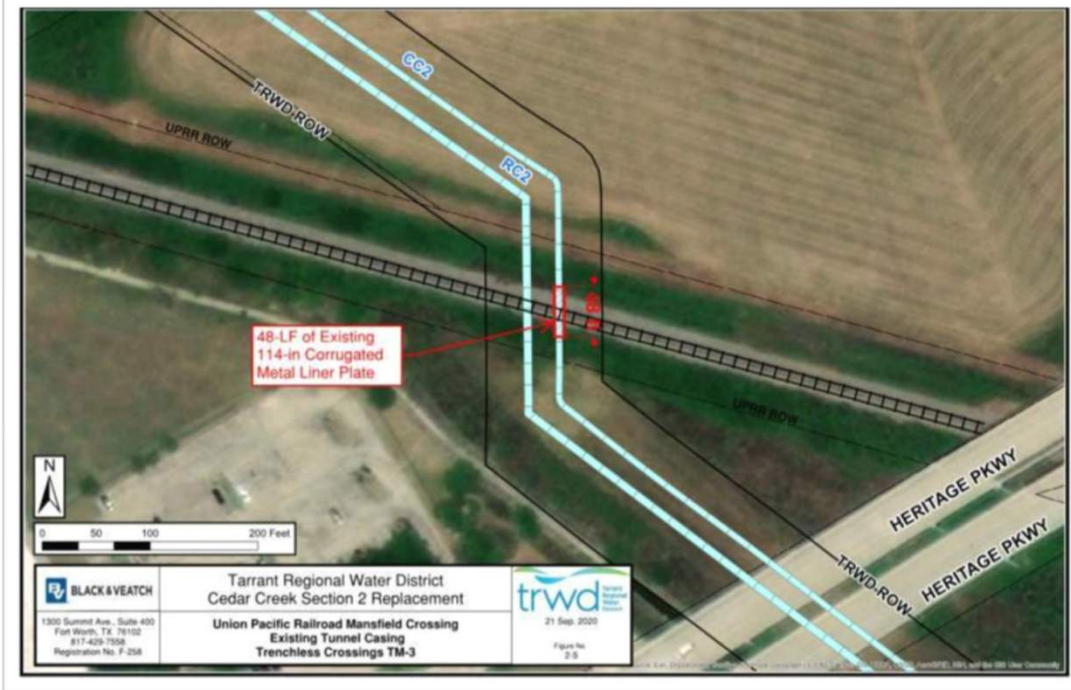


Section View of PCCP Inside Tunnel Liner at Highway 287

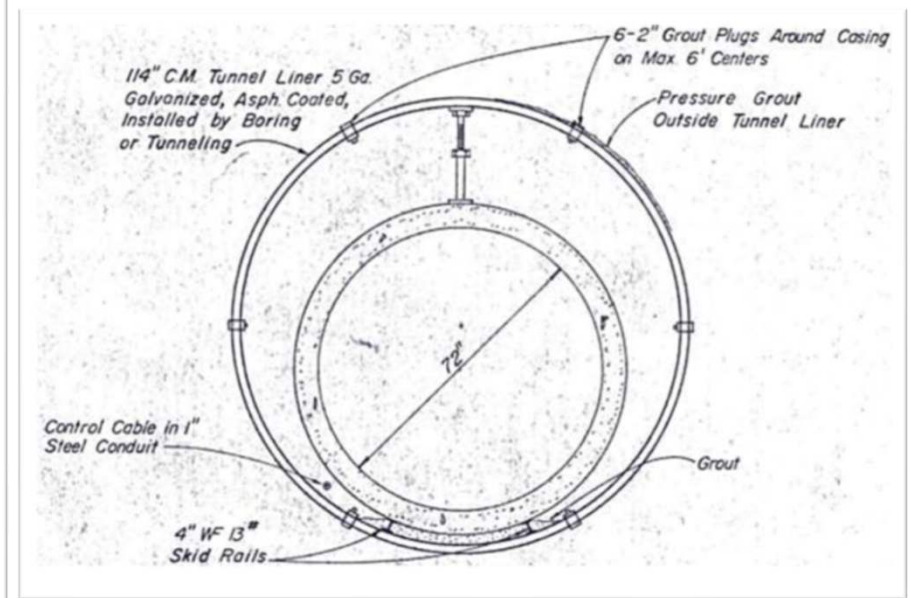


Union Pacific Railroad Crossing

Aerial View of UPRR Crossing



Section View of PCCP Inside Tunnel Liner at UPRR Crossings



Cedar Creek Section II Pipeline Replacement Construction

Phase 1B

Summary

- 10 miles of 90" and 102" welded steel pipe
- Railroad and Creek Crossings
- Five large diameter valves
- Project Duration: 28 months
- Construction Cost: \$132.5M





Item 6 :

**Consider Approval of Contract with E TTL
Engineers and Consultants for Materials Testing
of Cedar Creek Section 2 Pipeline Replacement
Phase 1B**

Jason Gehrig, Infrastructure Engineering Director

Pipeline Materials Testing Services

Category B - Soils classification & compaction. Concrete compressive strength, air content, & slump. Asphalt (HMAC) density & compaction

- **ETTL Engineers & Consultants Inc.** **\$487,325**
- Kleinfelder, Inc. **\$198,730**
\$686,055





Item 7 :

Consider Approval of Contract with Kleinfelder, Inc. for Materials Testing of Cedar Creek Section 2 Pipeline Replacement Phase 1B

Jason Gehrig, Infrastructure Engineering Director

Pipeline Materials Testing Services

Category B - Soils classification & compaction. Concrete compressive strength, air content, & slump. Asphalt (HMAC) density & compaction

- E TTL Engineers & Consultants Inc. \$487,325
- **Kleinfelder, Inc.** **\$198,730**
\$686,055



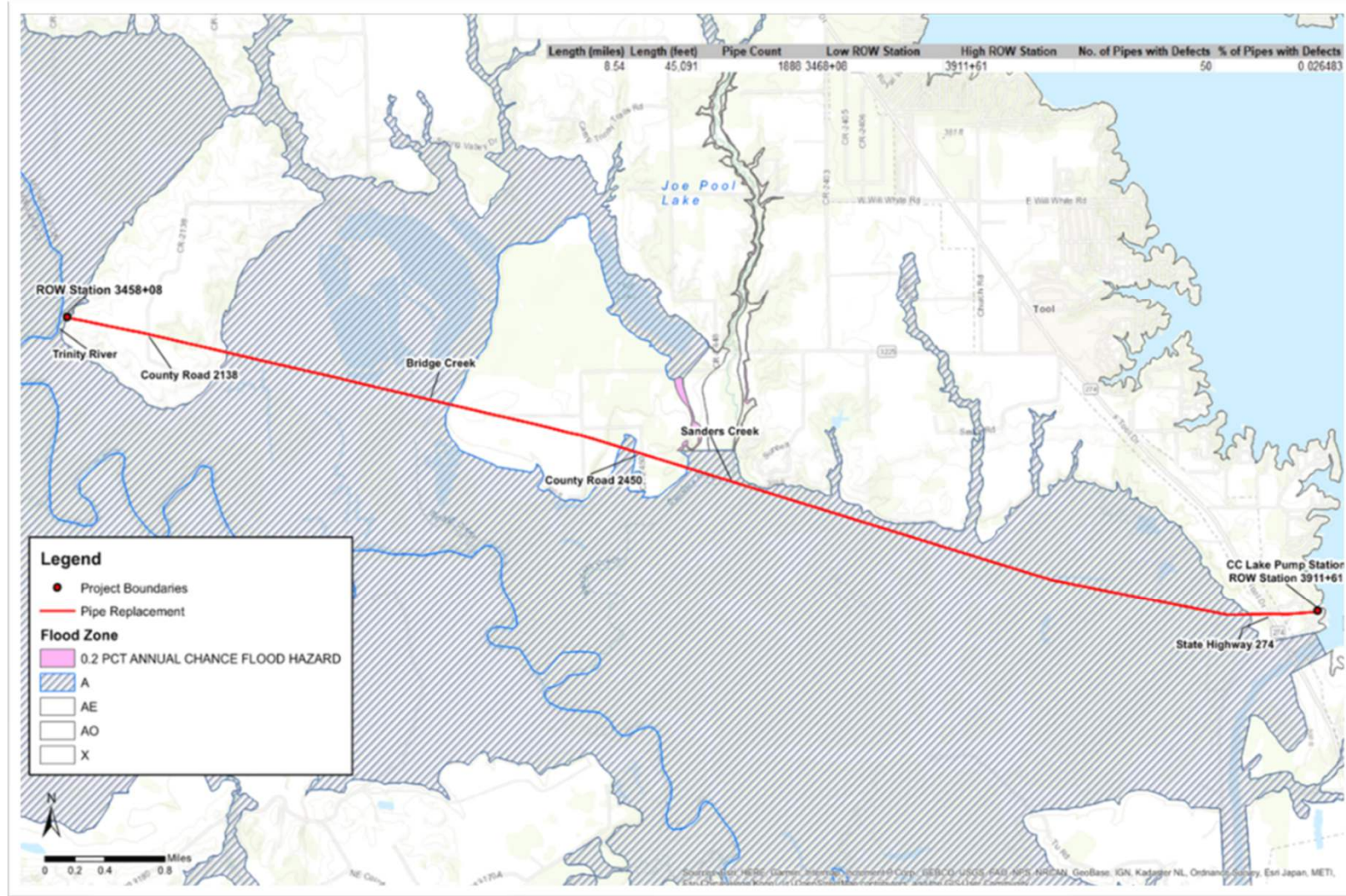


Item 8 :

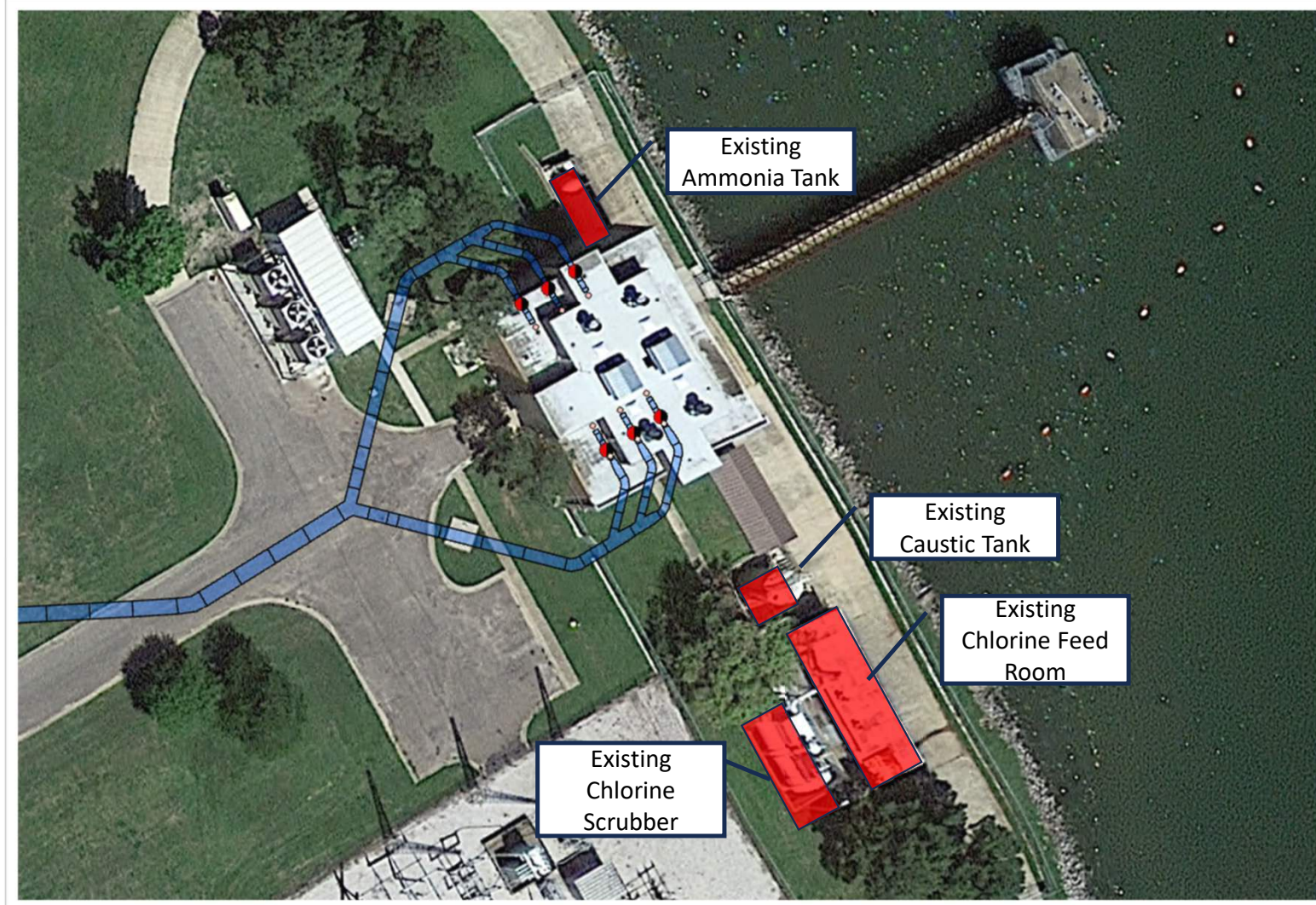
Consider Approval of Contract Amendment with CP&Y, Inc. dba STV Engineering for Additional Engineering Services Related to Cedar Creek Lake Pump Station Chemical Building Structural Improvements

Jason Gehrig, Infrastructure Engineering Director

Cedar Creek Section 4 Pipeline Replacement Area



Cedar Creek Lake Pump Station Chemical Building Structural Improvements



Cedar Creek Lake Pump Station Chemical Building Structural Improvements



Existing Chlorine Feed Room



Existing Chlorine Scrubber



Existing Ammonia Storage Tank



Existing Sodium Hydroxide Tank

Project Design Objectives:

- Demolish chlorine and ammonia equipment
- Relocate and add sodium hydroxide feed pumps
- Replace existing chlorine building roof and add new overhead door



Item 9 :

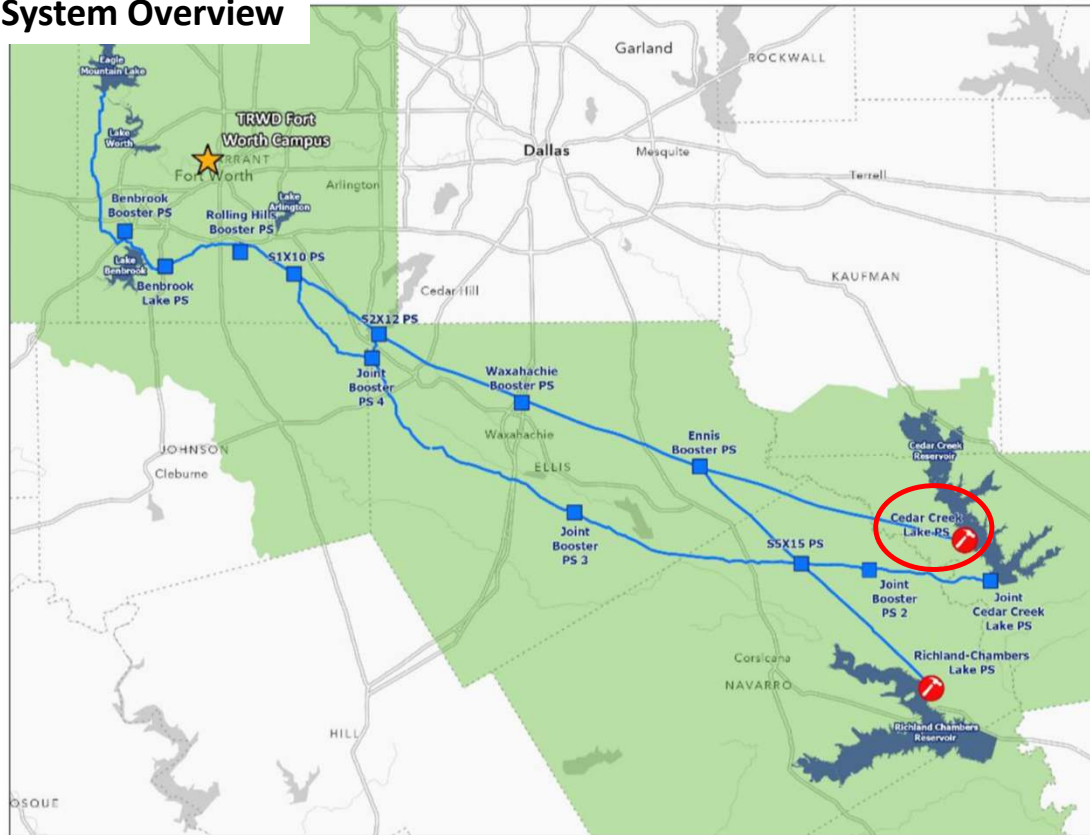
Consider Approval of Contract Amendment with CDM Smith for Engineering Design and Bidding Services for Richland-Chambers Lake and Cedar Creek Lake Pump Stations Electrical Buildings and Equipment

Jason Gehrig, Infrastructure Engineering Director

Richland Chambers and Cedar Creek Lake Pump Stations Electrical Buildings and Equipment

Pump Control Valve Actuator Replacement at Cedar Creek Lake Pump Station

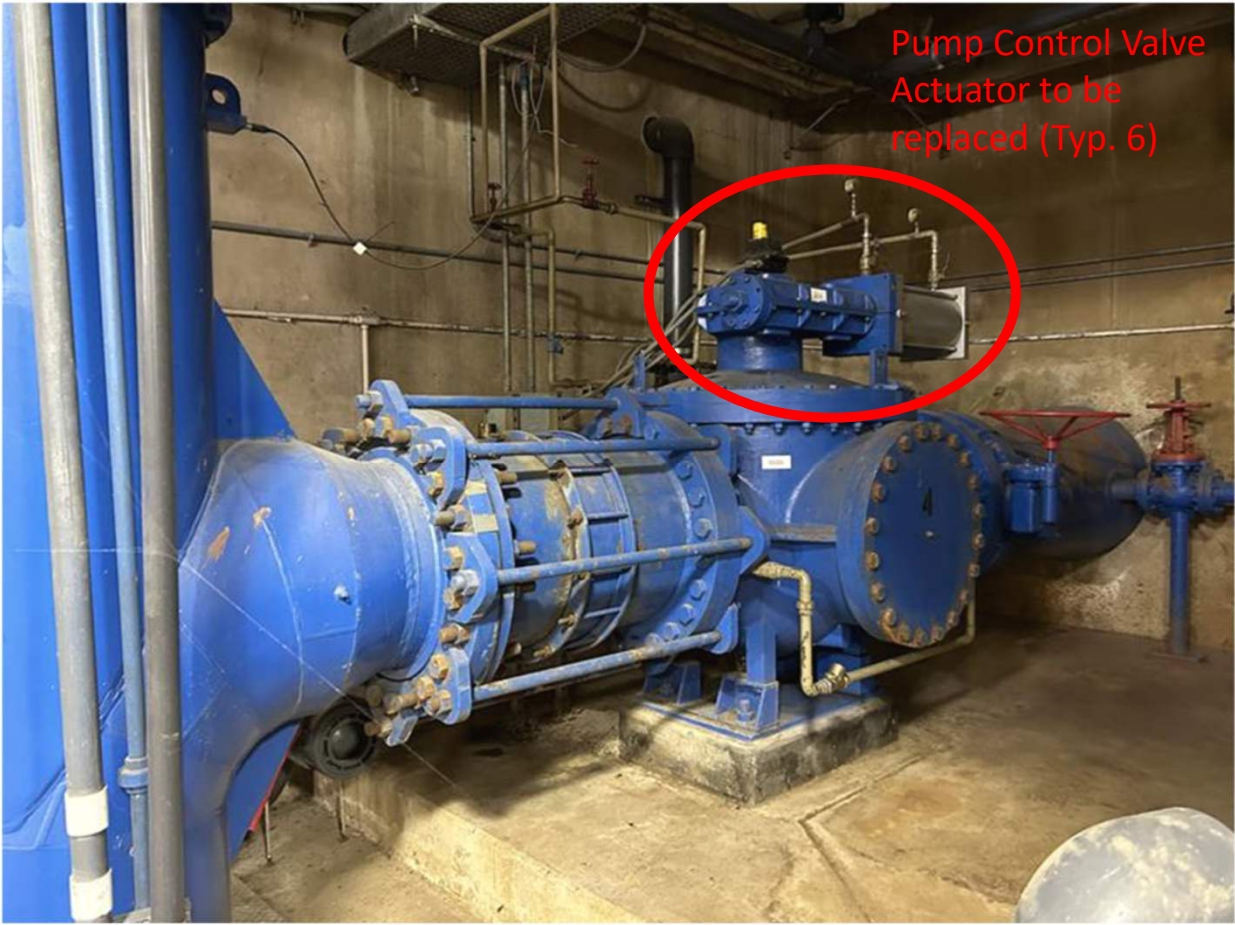
System Overview



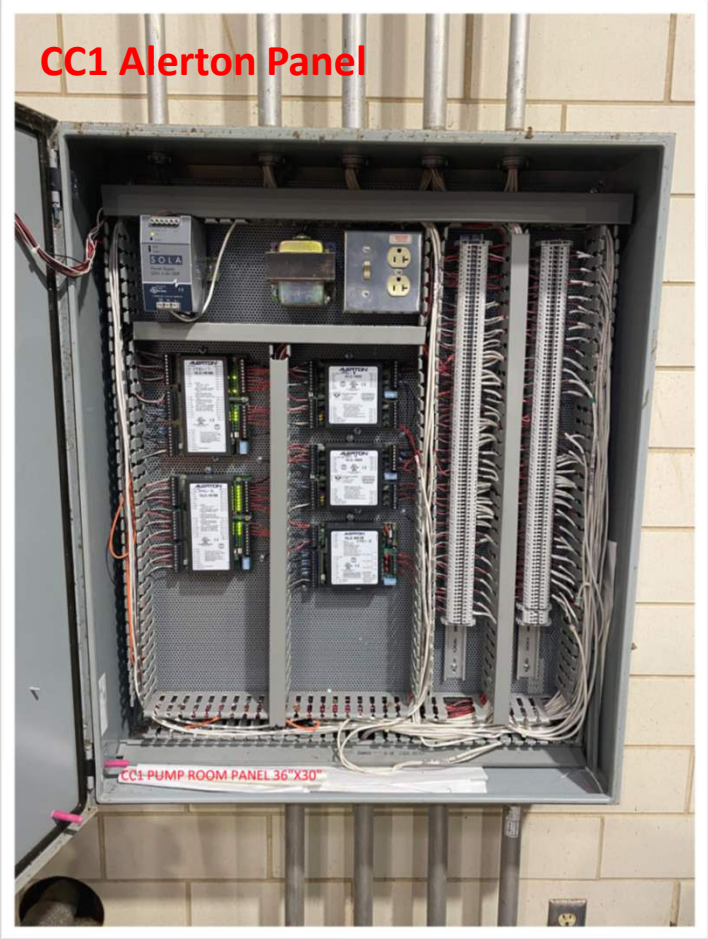
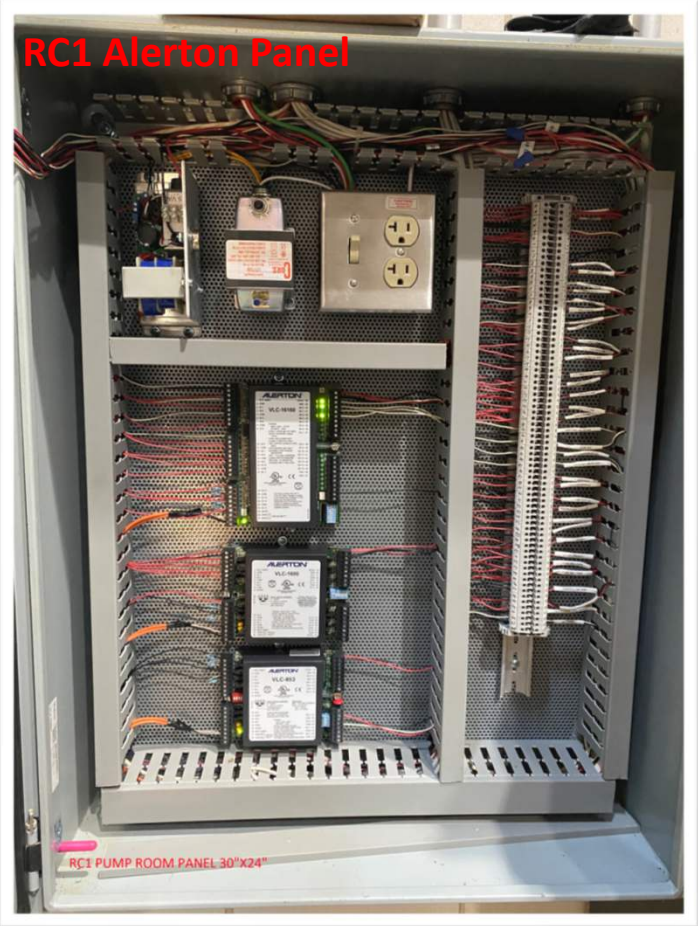
Cedar Creek Lake Pump Station



Richland Chambers and Cedar Creek Lake Pump Stations Electrical Buildings and Equipment – Pump Control Valve Actuator Replacement



Richland Chambers and Cedar Creek Lake Pump Stations Electrical Buildings and Equipment – Alerton Cooling Controls Modifications



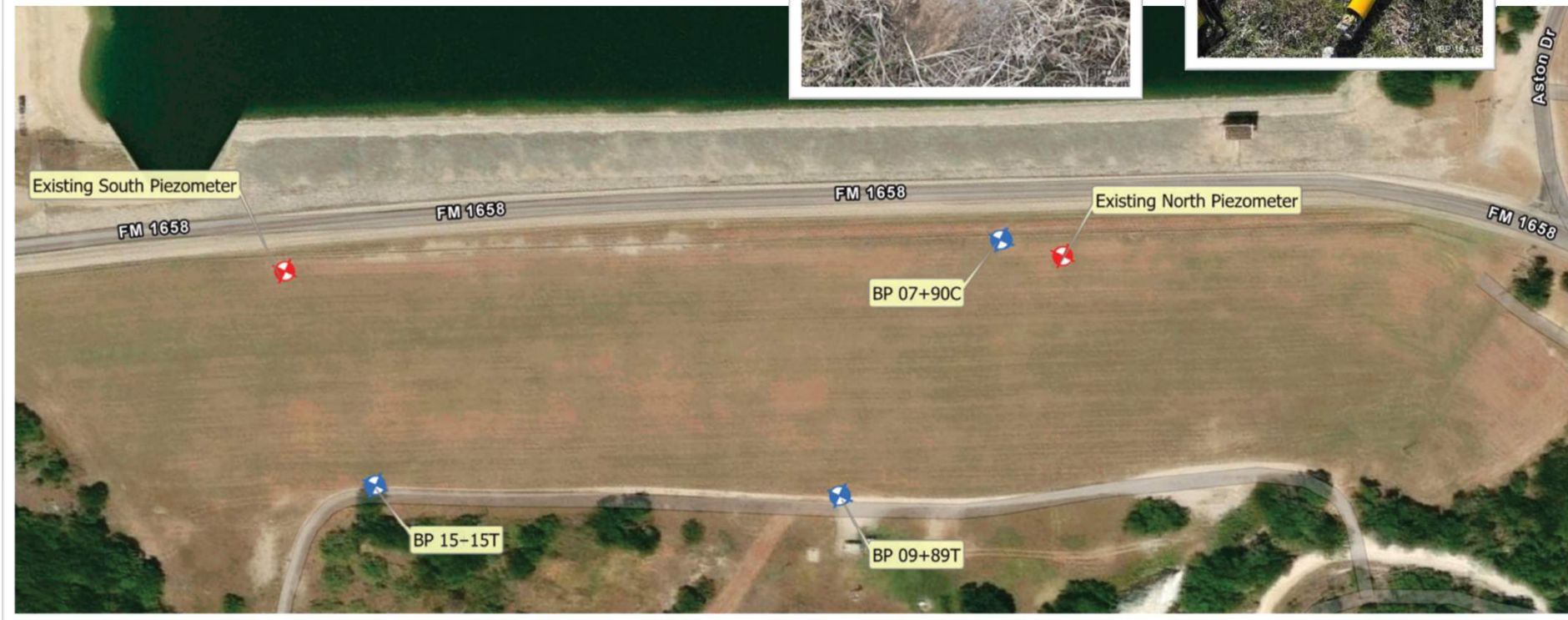


Item 10 :

Consider Approval of Contract Amendment with Schnabel Engineering, LLC for the Lake Bridgeport Dam Piezometer Project

Jason Gehrig, Infrastructure Engineering Director

Examples of Lake Bridgeport Dam Piezometer Concrete Pads to be Replaced



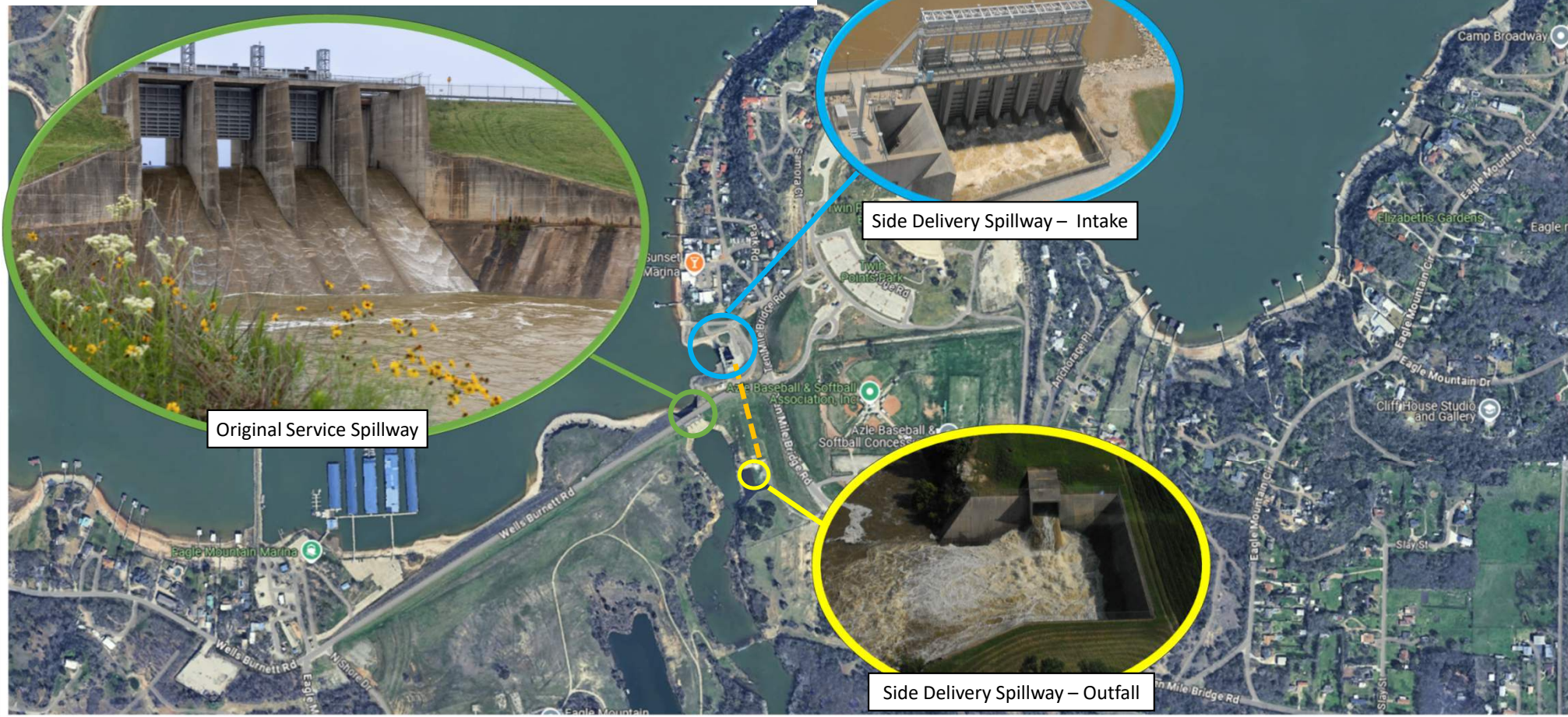


Item 11 :

Consider Approval of Contract Amendment with Freese and Nichols, Inc. for Engineering Services for Eagle Mountain Dam - Original Services Spillway Evaluation (Phase II)

Zachary Huff, Water Resources Engineering Director

Eagle Mountain Dam and Outlet Works



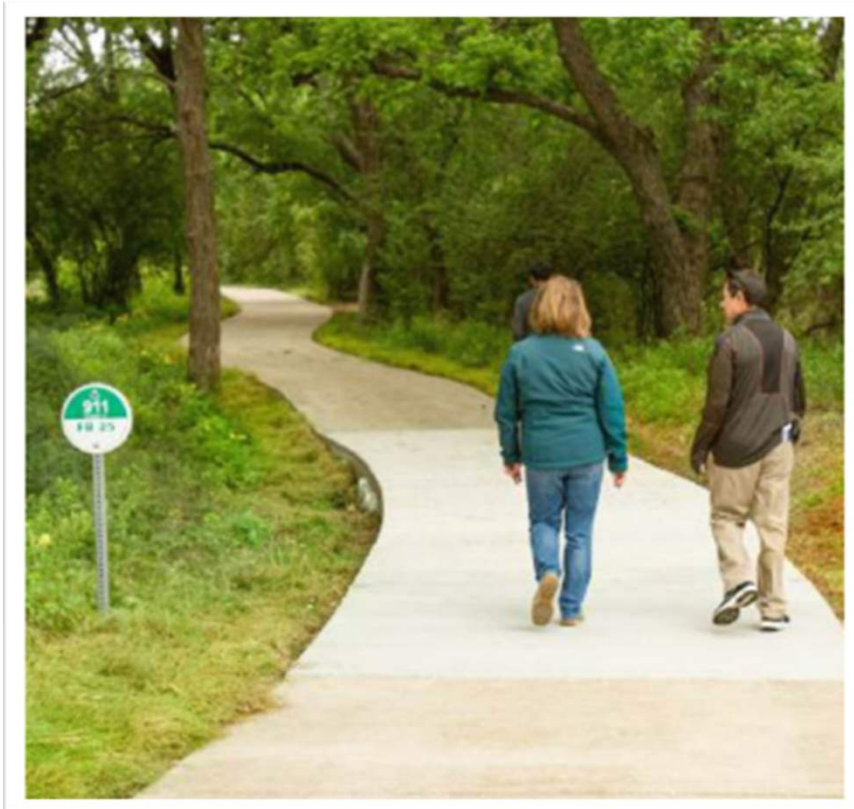


Item 12 :

Consider Approval of Contract with Kimley-Horn and Associates, Inc. for Trail Safety Signage and Striping Design and Construction Services

Darrell Beason, Chief Operations Officer

Trail Safety Signage and Striping



TRINITY TRAILS - 1 | SIGNAGE AND STRIPING



Signage and pavement markings in accordance with AASHTO standards should be incorporated throughout the trail system to improve user safety. Center lane stripes, textural surface changes along with signs indicating hazards, rules and etiquette will provide consistent messaging and uniform experience along the trails. This will be implemented in three phases:

TT-1.1 *Upper West Fork*

TT-1.2 *Lower West Fork*

TT-1.3 *Clear Fork*

The background of the slide is a vibrant, deep blue underwater scene. It features shimmering light rays filtering down from the surface, creating a sense of depth and movement. Numerous small, bright bubbles and particles are scattered throughout the water, adding texture and a dynamic feel to the image. The overall color palette is a range of blues, from light turquoise to deep, dark navy.

Agenda Item 13:
Executive Session



Item 14 :

Consider Approval of Acceptance of Donation of a Permanent Easement in the Felix Mulliken Survey, Abstract No. 1045, Tarrant County, Texas

Steve Christian, Real Property Director



Item 15 :

**Discussion and Potential Action Regarding TRWD
Participation in the Tarrant Appraisal District
Board Appointment Process**

Stephen Tatum, General Counsel

An underwater photograph showing light rays filtering through the water, creating a shimmering effect. The water is a deep blue color, and there are many small bubbles and particles visible throughout the scene.

Item 16 :

Board Member Service Recognition

Leah King, Board President

An underwater photograph showing light rays filtering through the water, creating a shimmering effect. The water is a deep blue color, and there are many small bubbles and particles visible throughout the scene.

Item 17 :

Administer Oaths of Office

Leah King, Board President, and James Hill, Board Vice President

The background of the slide is a close-up photograph of water. It features a series of concentric, overlapping ripples that create a textured, shimmering effect. The water is a clear, light blue color, and the lighting highlights the individual droplets and bubbles, giving it a dynamic and fresh appearance.

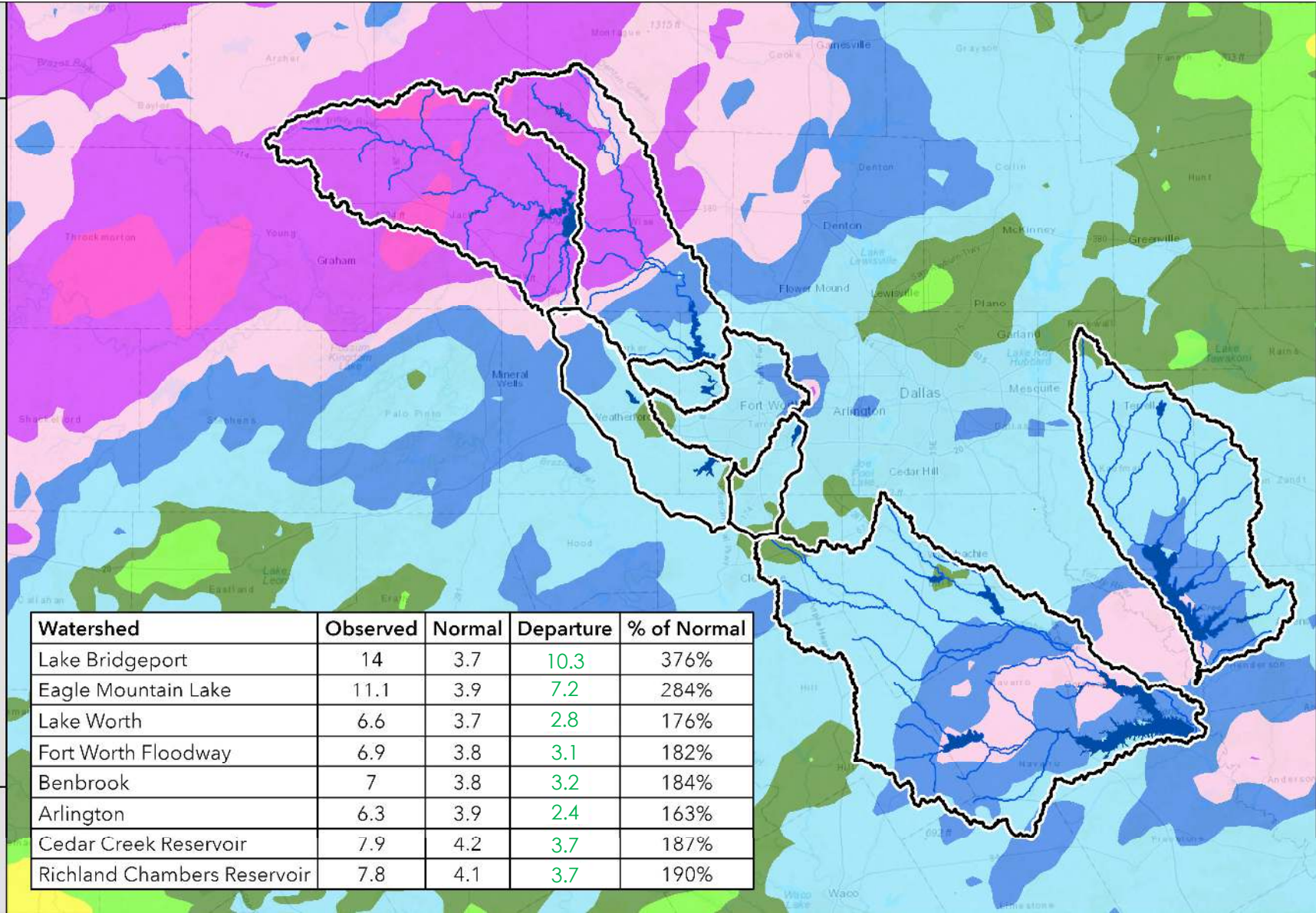
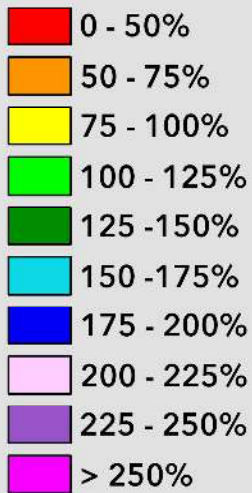
PRESENTATION

Water Resources

Rachel Ickert, Chief Engineering Officer

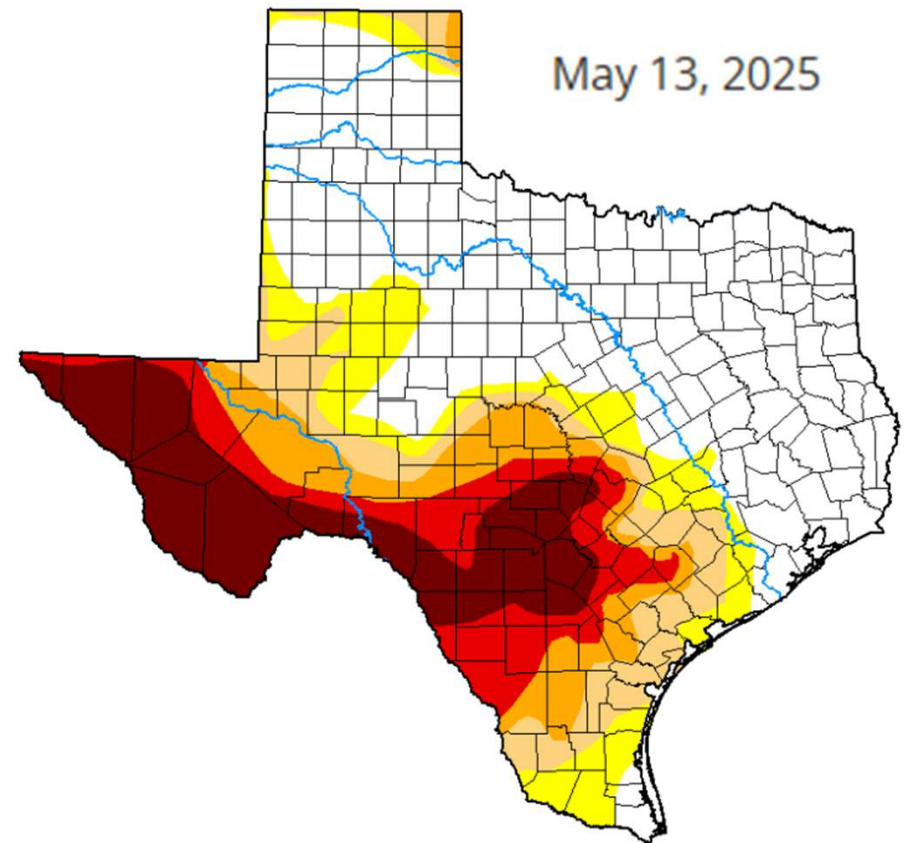
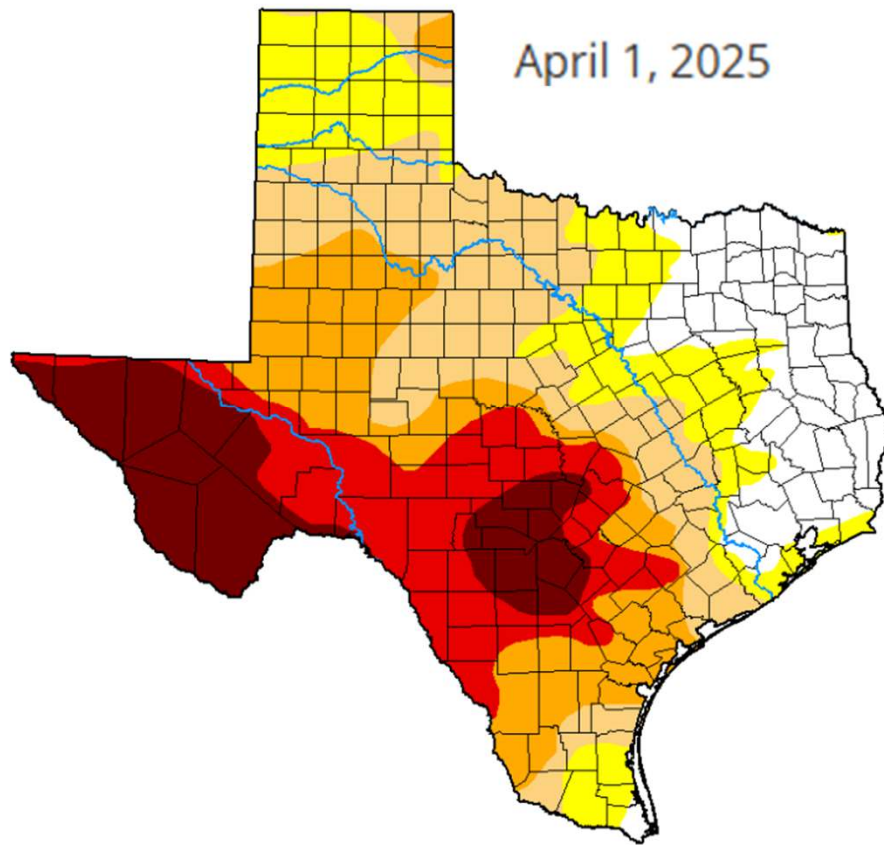
Past 30 Days
(4/19/2025 - 5/19/2025)

Percent of Normal Rainfall



| Watershed | Observed | Normal | Departure | % of Normal |
|-----------------------------|----------|--------|-----------|-------------|
| Lake Bridgeport | 14 | 3.7 | 10.3 | 376% |
| Eagle Mountain Lake | 11.1 | 3.9 | 7.2 | 284% |
| Lake Worth | 6.6 | 3.7 | 2.8 | 176% |
| Fort Worth Floodway | 6.9 | 3.8 | 3.1 | 182% |
| Benbrook | 7 | 3.8 | 3.2 | 184% |
| Arlington | 6.3 | 3.9 | 2.4 | 163% |
| Cedar Creek Reservoir | 7.9 | 4.2 | 3.7 | 187% |
| Richland Chambers Reservoir | 7.8 | 4.1 | 3.7 | 190% |

U.S. Drought Monitor

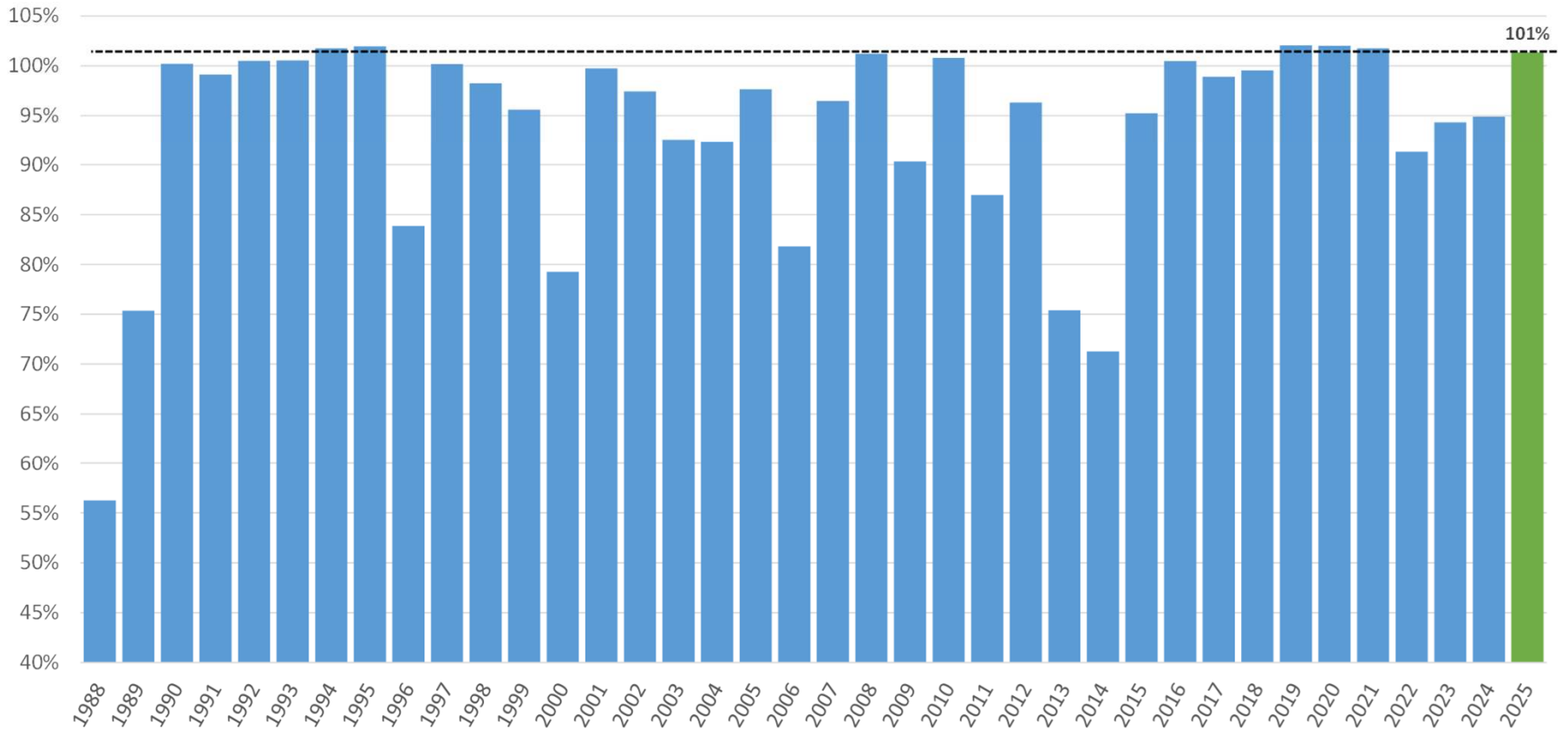


None
D0 (Abnormally Dry)
D1 (Moderate Drought)

D2 (Severe Drought)
D3 (Extreme Drought)

D4 (Exceptional Drought)
No Data

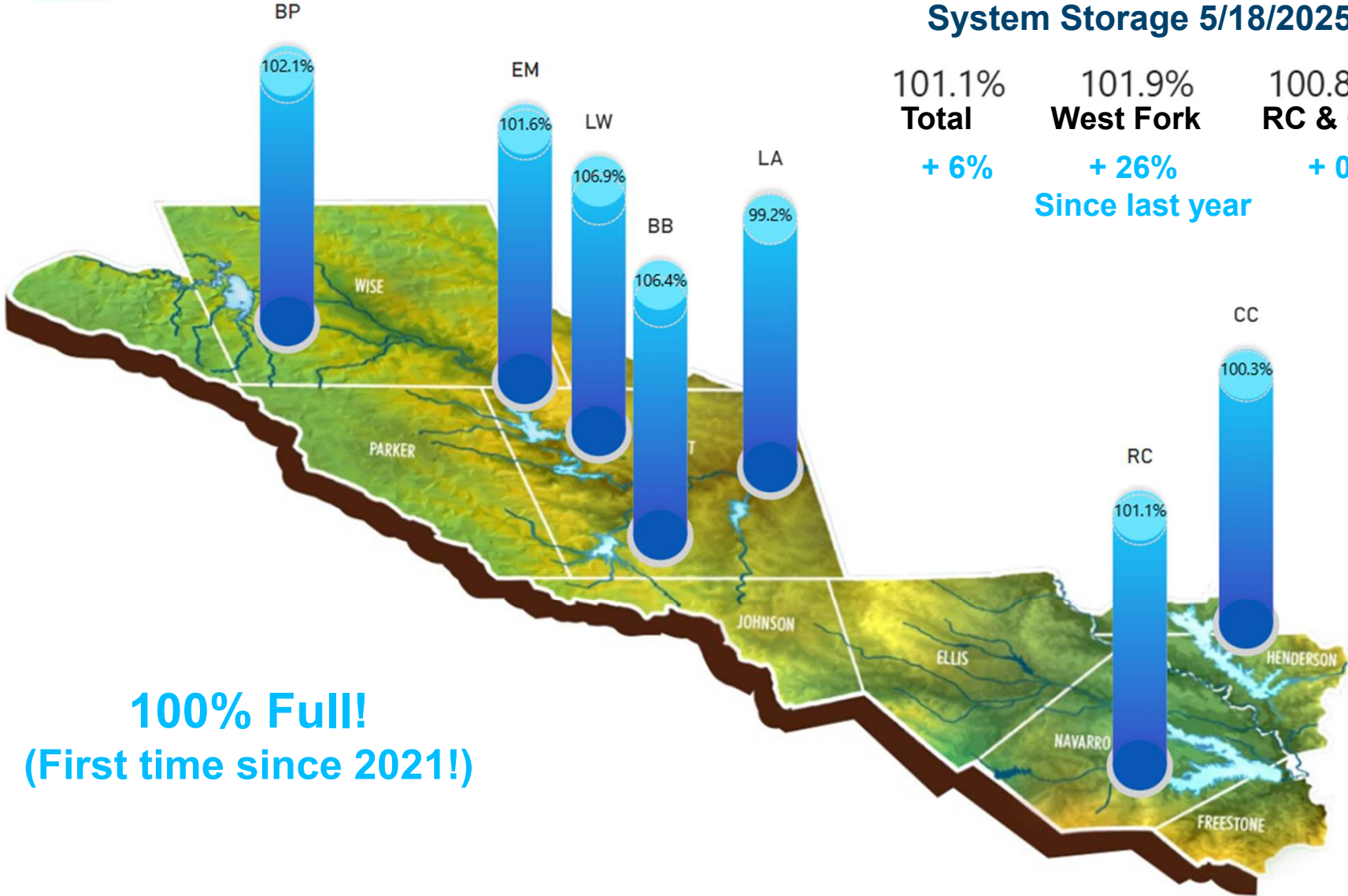
Percent of Total Storage on May 18



*1988 – All four TRWD reservoirs operational

System Storage 5/18/2025

| | | |
|------------------------|------------------|--------------------|
| 101.1% | 101.9% | 100.8% |
| Total | West Fork | RC & CC |
| + 6% | + 26% | + 0% |
| Since last year | | |



100% Full!
(First time since 2021!)

Flood Event Public Coordination

Lake Level Blog



of Views

+6.7K

Most Active Day
and # of Views

4/30
+700

Flood Line



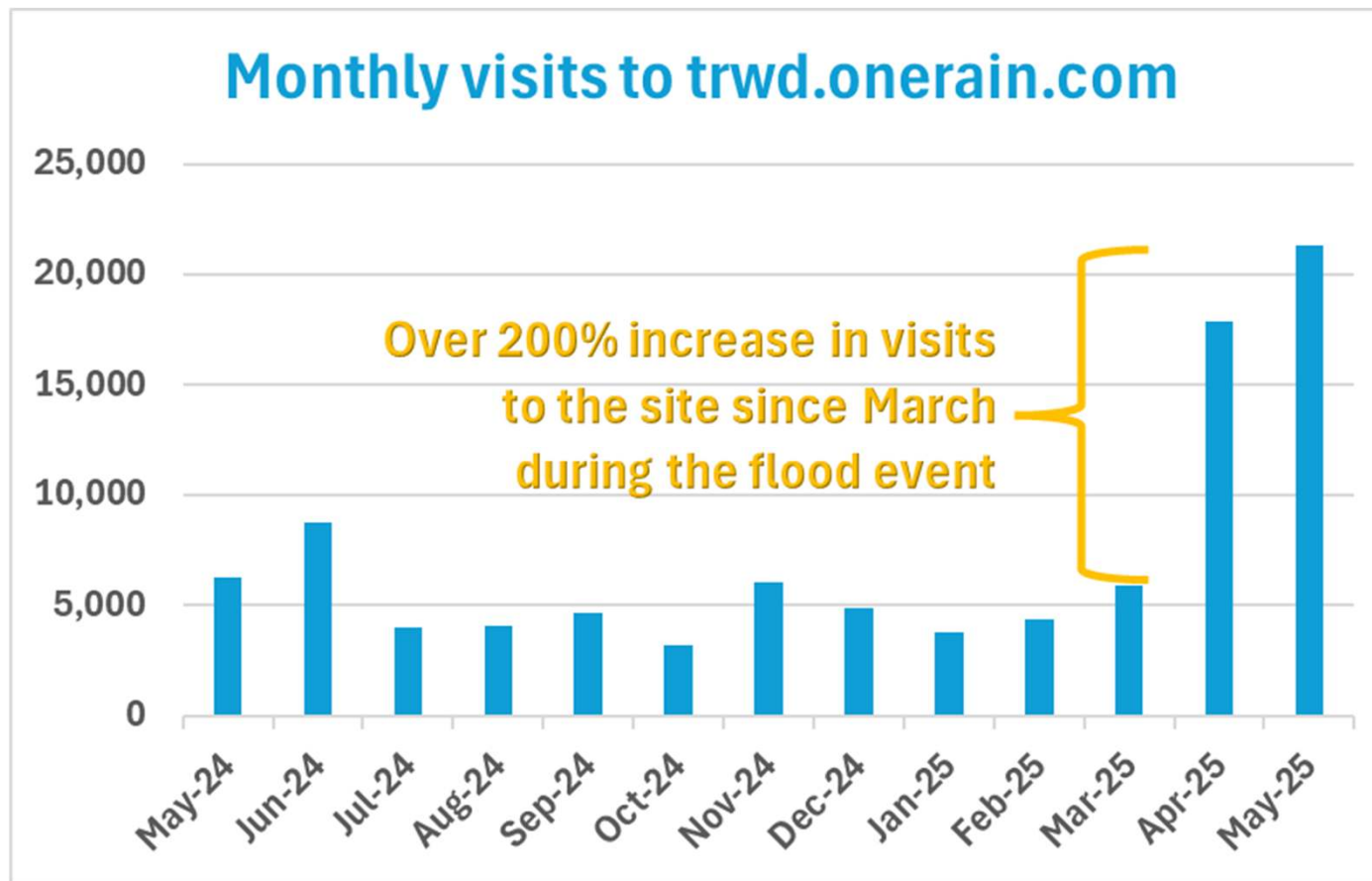
of Calls to Flood Line
from 4/19 to 5/13

99

Time Spent Resolving
Flood Line Calls

15 hrs

Flood Event Public Coordination



The background of the slide is a close-up photograph of water. It features a large, circular ripple pattern on the left side that transitions into a dense field of smaller ripples and bubbles on the right. The water is clear and bright blue, with light reflecting off the surface, creating a shimmering effect. The overall composition is clean and modern.

PRESENTATION

Legislative Update

Stephen Tatum, General Counsel

TRWD Legislative Update

89th TEXAS LEGISLATURE (2025)

SB 7/ SJR 66 (Perry) - Relating to the oversight and financing of certain water infrastructure matters under the jurisdiction of the Texas Water Development Board.

HJR 7 (Harris) - Proposing a constitutional amendment to dedicate a portion of the revenue derived from state sales and use taxes to the Texas water fund.

HB 2109 (VanDeaver) – Relating to the removal of a proposed reservoir project from the State Water Plan.

HB 3154 (Hopper)/ SB 1359 (Parker) – Relating to the creation, powers, duties, and financing of the Wise Regional Water District.

SB 291/292 (Schwertner)

- SB 291 – Relating to the failure to disclose certain appraisal reports by an entity with eminent domain authority in connection with an offer to acquire real property.
- SB 292 – Relating to certain requirements in connection with the acquisition of real property for public use by an entity with eminent domain authority.

TRWD Legislative Update

89th TEXAS LEGISLATURE (2025)

SB 1261 (Perry) – Relating to the financing of water supply projects included in the state water plan.


HB 150 (Capriglione) – Relating to the establishment of the Texas Cyber Command as a component institution of The University of Texas System and the transfer to it of certain powers and duties of the Department of Information Resources.

HB 386 (Gervin-Hawkings) – relating to change order limits for certain construction contracts

HB 1998 (Spiller) – Relating to the amount of an expenditure made by certain political subdivisions for which a competitive procurement method may be required.

An underwater photograph showing light rays filtering through the water, creating a shimmering effect. The water is a deep blue color, and there are many small bubbles and particles visible throughout the scene.

Agenda Item 19:
Future Agenda Items



Agenda Item 20:
Schedule Next Board Meeting

June 17, 2025 at 9:00 AM

An underwater photograph showing a clear blue ocean with light rays filtering down from the surface. The water is a vibrant turquoise color, and there are many small, shimmering particles or bubbles scattered throughout. The surface of the water is visible at the top, with gentle ripples and reflections of light.

Agenda Item 21:
Adjourn



ENRICHING COMMUNITIES. IMPROVING THE QUALITY OF LIFE.