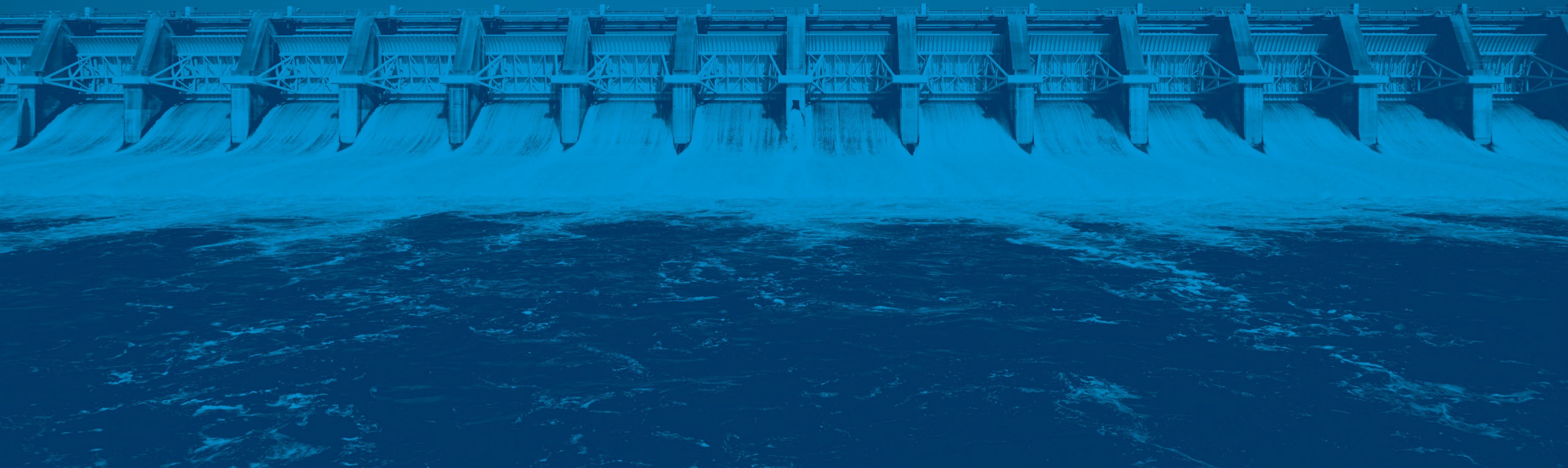




Board of Directors Meeting

August 20, 2024





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
Meetings Held on July 16, 2024, and July 25, 2024**

Item 4:
Consider Approval of a Consent Agenda

Item 5:

Consider Approval of Contract with Kennedy Jenks Consultants, Inc. for Design of 4.42 Miles of Cedar Creek Section 2 Phase 2 Pipeline Replacement in the Kennedale to Mansfield Area

Jason Gehrig, Infrastructure Engineering Director

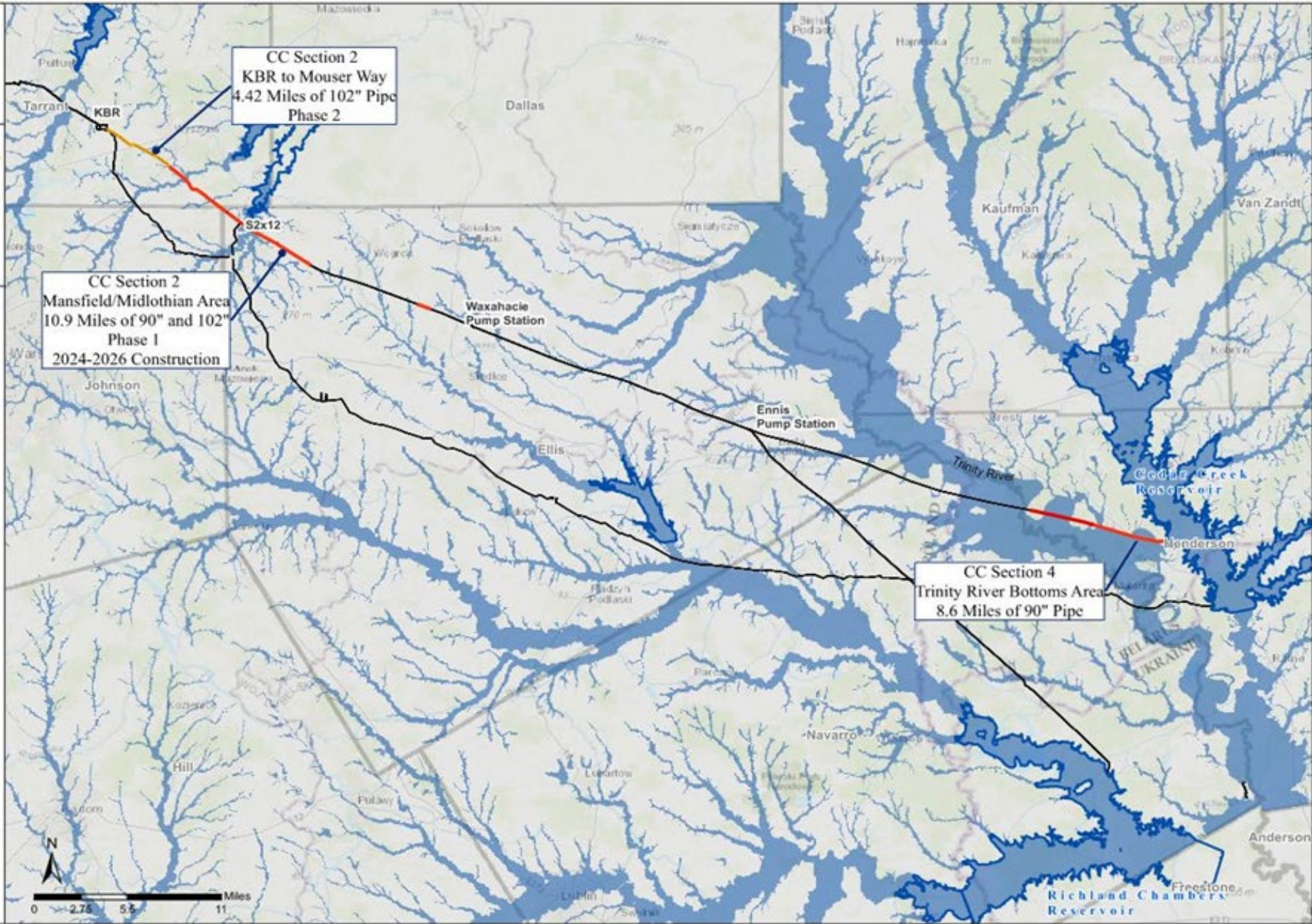


Cedar Creek Pipeline Rehabilitation Plan



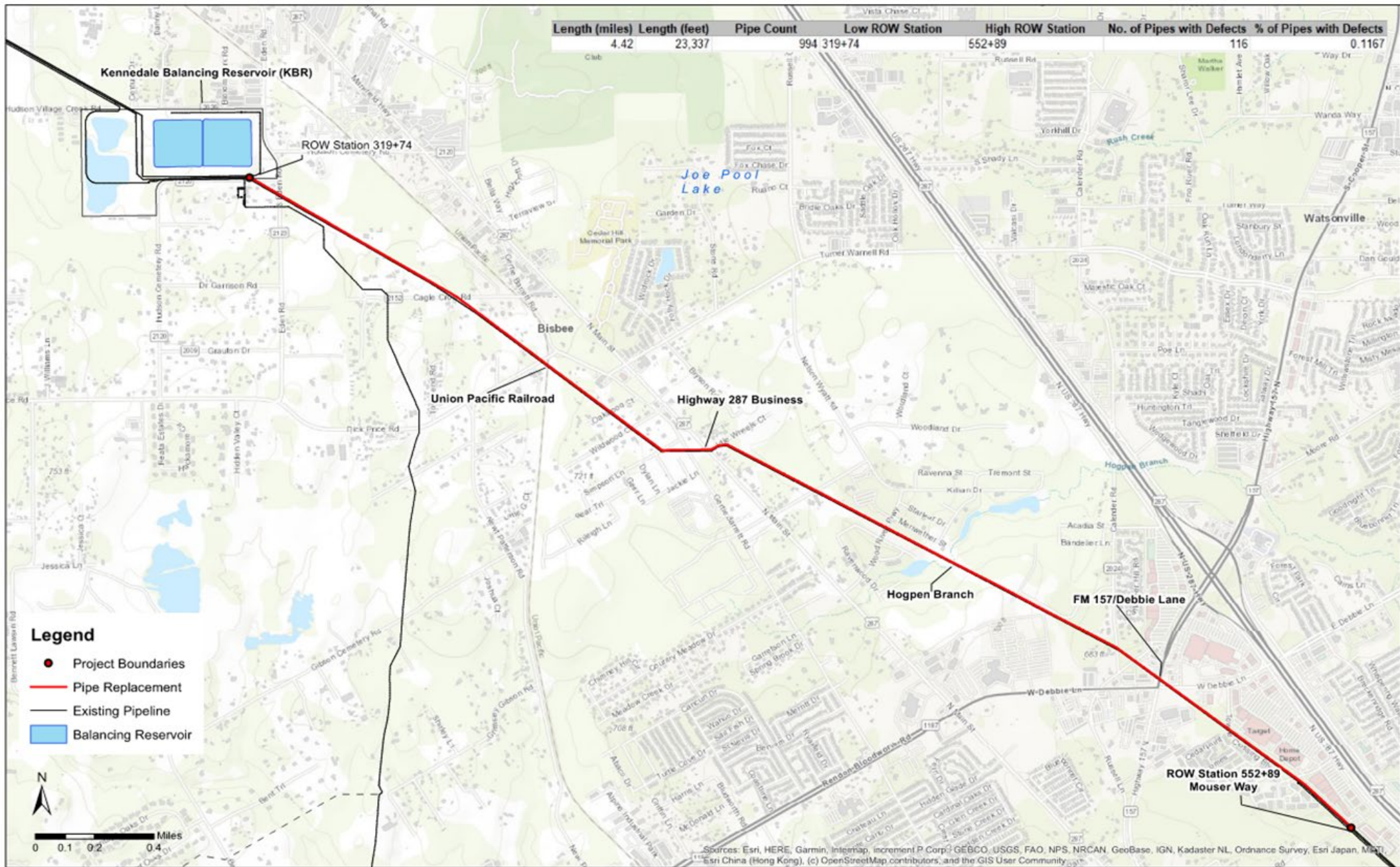
Legend

- CC Rehabilitation Locations
- CC Rehabilitation Phase 2
- Trinity River
- Reservoirs
- Existing Pipeline
- FEMA Flood Hazard Areas
- 100 Year Flood Zones

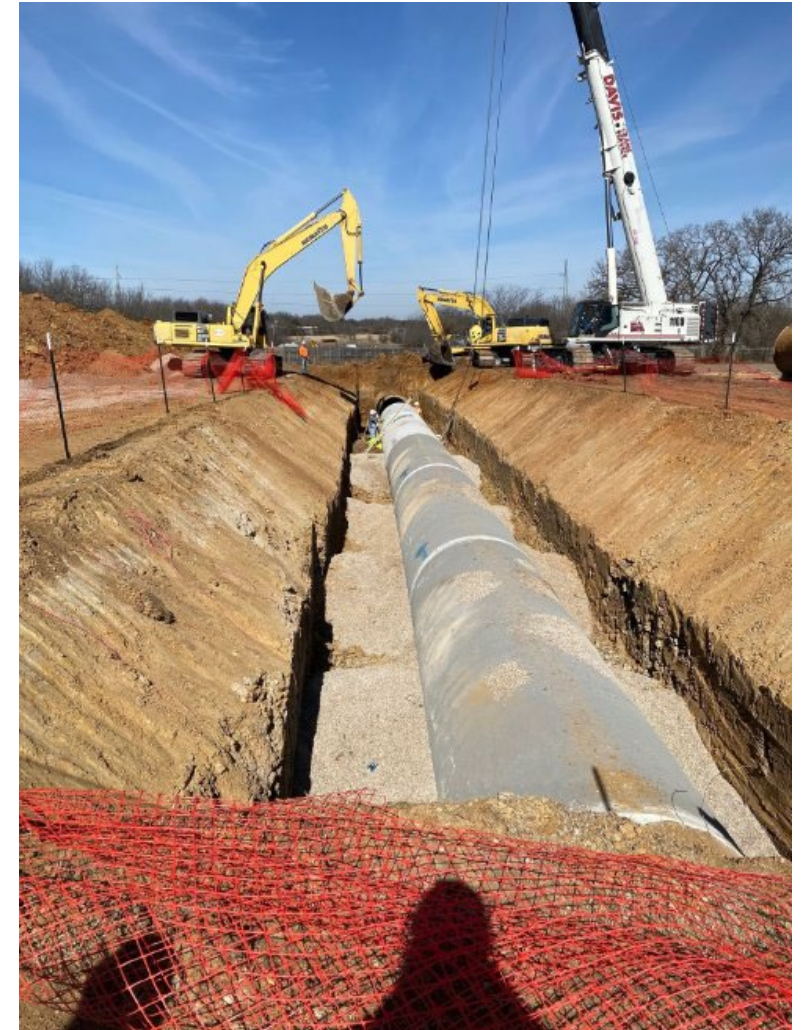
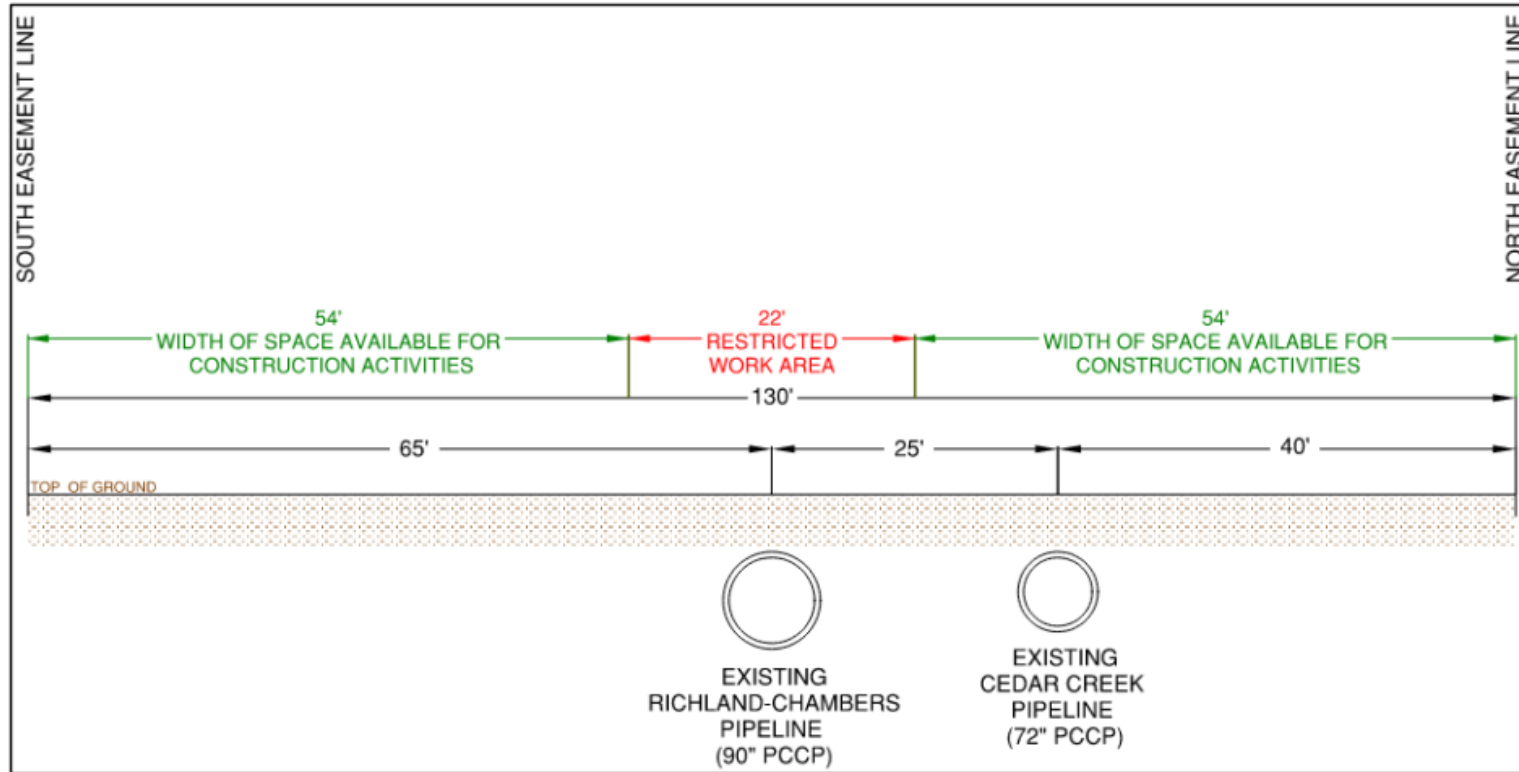


Disclaimer:
 This data is an approximation based upon the best information available at the time of printing. Information contained on this map is intended for general planning level use only and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and only represents approximate relative locations. The Tarrant Regional Water District is not liable for misuse of this information or derivative products resulting from this map.





Right of Way Limitations for Section 2 Phase 2



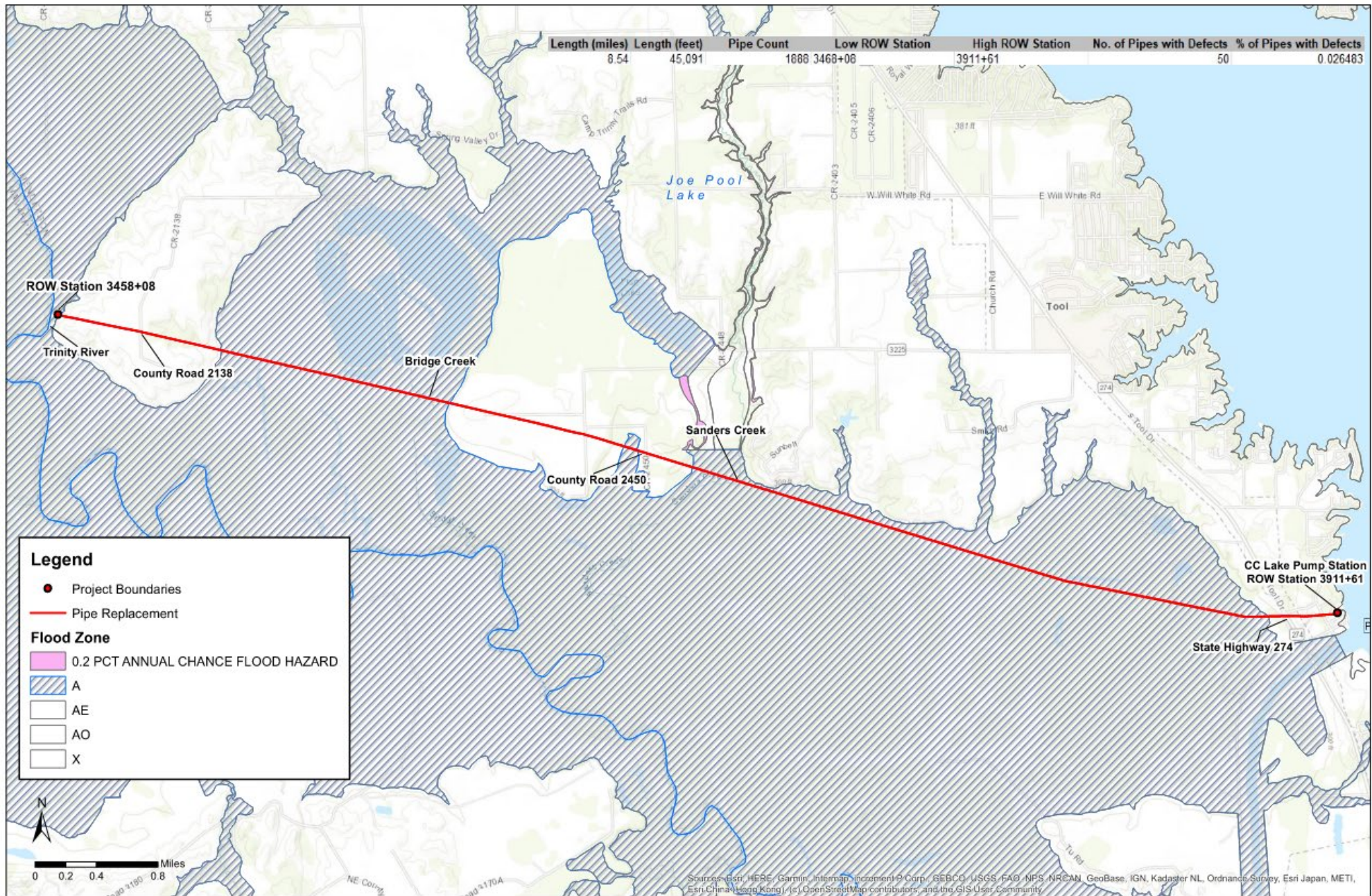
Item 6:

Consider Approval of Contract with CP&Y, Inc. dba STV Infrastructure for Design of 8.6 Miles of Cedar Creek Section 4 Pipeline Replacement from the Trinity River to the Cedar Creek Lake Pump Station

Jason Gehrig, Infrastructure Engineering Director



| Length (miles) | Length (feet) | Pipe Count | Low ROW Station | High ROW Station | No. of Pipes with Defects | % of Pipes with Defects |
|----------------|---------------|------------|-----------------|------------------|---------------------------|-------------------------|
| 8.54 | 45,091 | 1888 | 3468+08 | 3911+61 | 50 | 0.026483 |

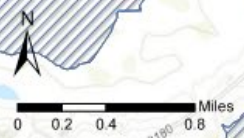


Legend

- Project Boundaries
- Pipe Replacement

Flood Zone

- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- A
- AE
- AO
- X



Source: Esri, HERE, Garmin, Intelmap, Inc., Intermap, Inc., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), Swisstopo, Mapbox, and the GIS User Community

Design Challenges for Cedar Creek Section 4 Phase 1

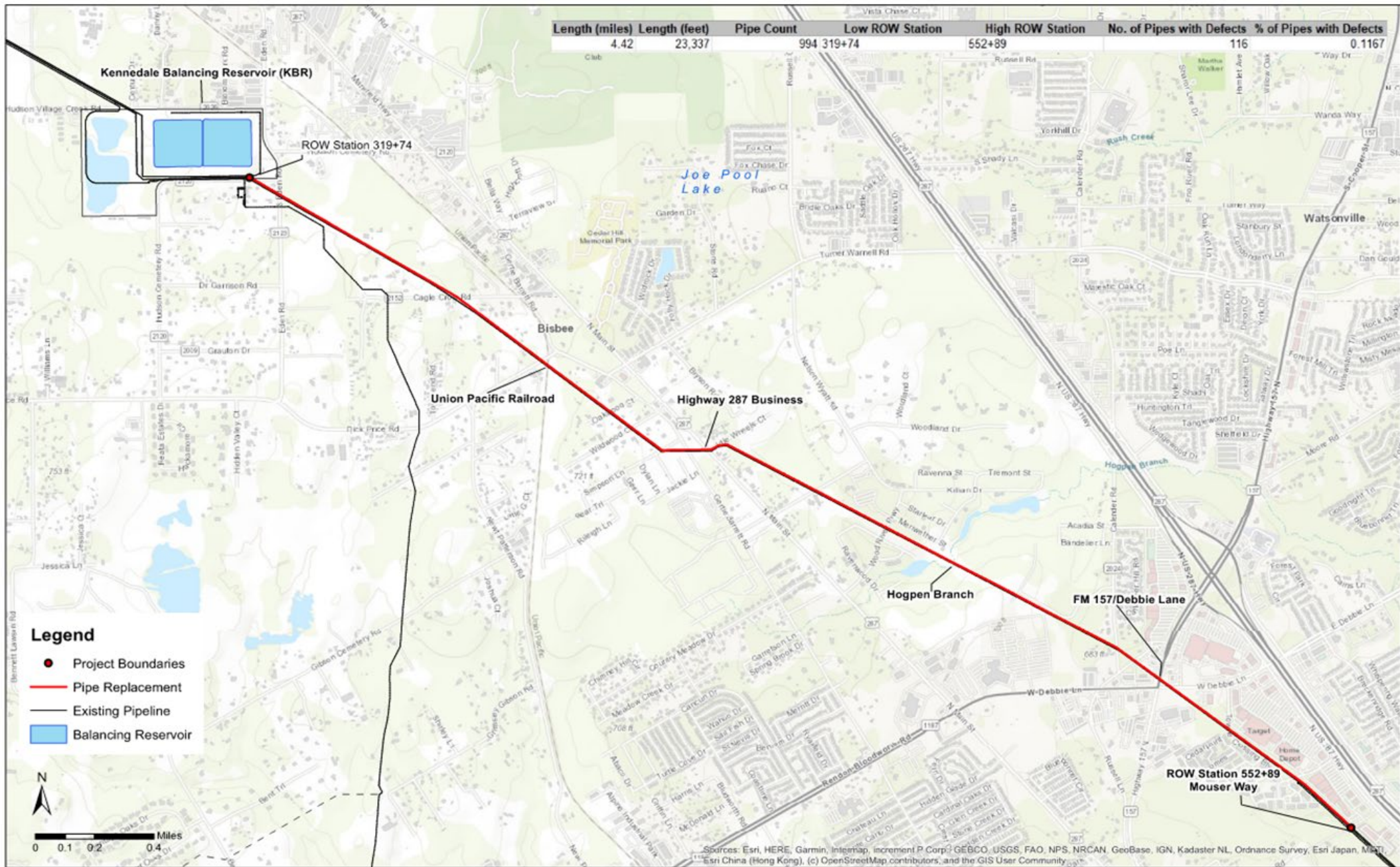


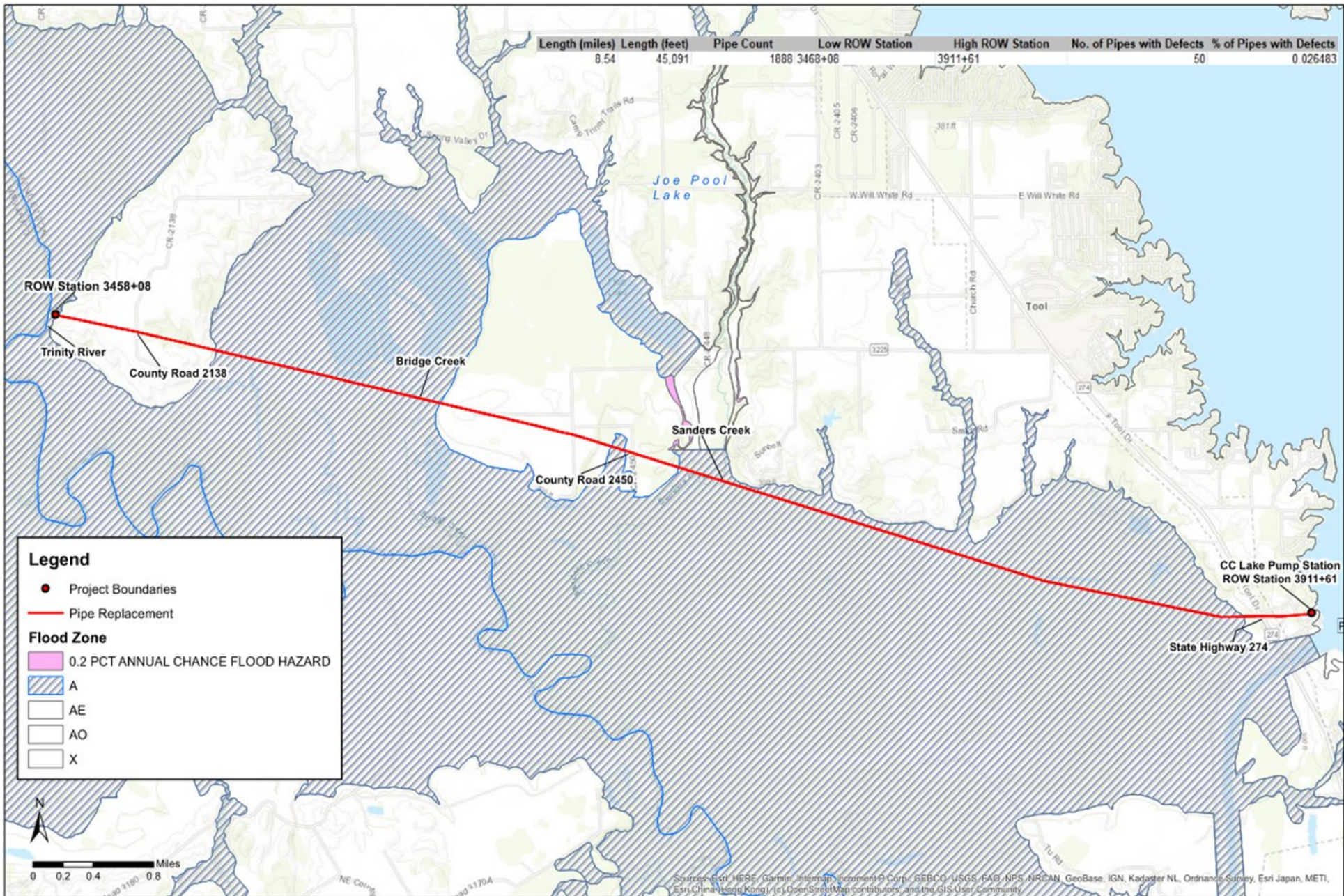
Item 7:

Consider Approval of Contract with HDR Engineering, Inc. for Corrosion Control Engineering Design Services for Cedar Creek Section 2 Phase 2 Pipeline Replacement in the Kennedale to Mansfield Area and Cedar Creek Section 4 Pipeline Replacement Project from the Trinity River to Cedar Creek Lake

Jason Gehrig, Infrastructure Engineering Director







Cathodic Protection Equipment

Test Station



Soil Surveys



Protection against Corrosion



Item 8:

Consider Approval of Contract with Freese and Nichols, Inc. for Environmental and Permitting Services for Two Sections of the Cedar Creek Pipeline Replacement Project

Darrel Andrews, Environmental Director

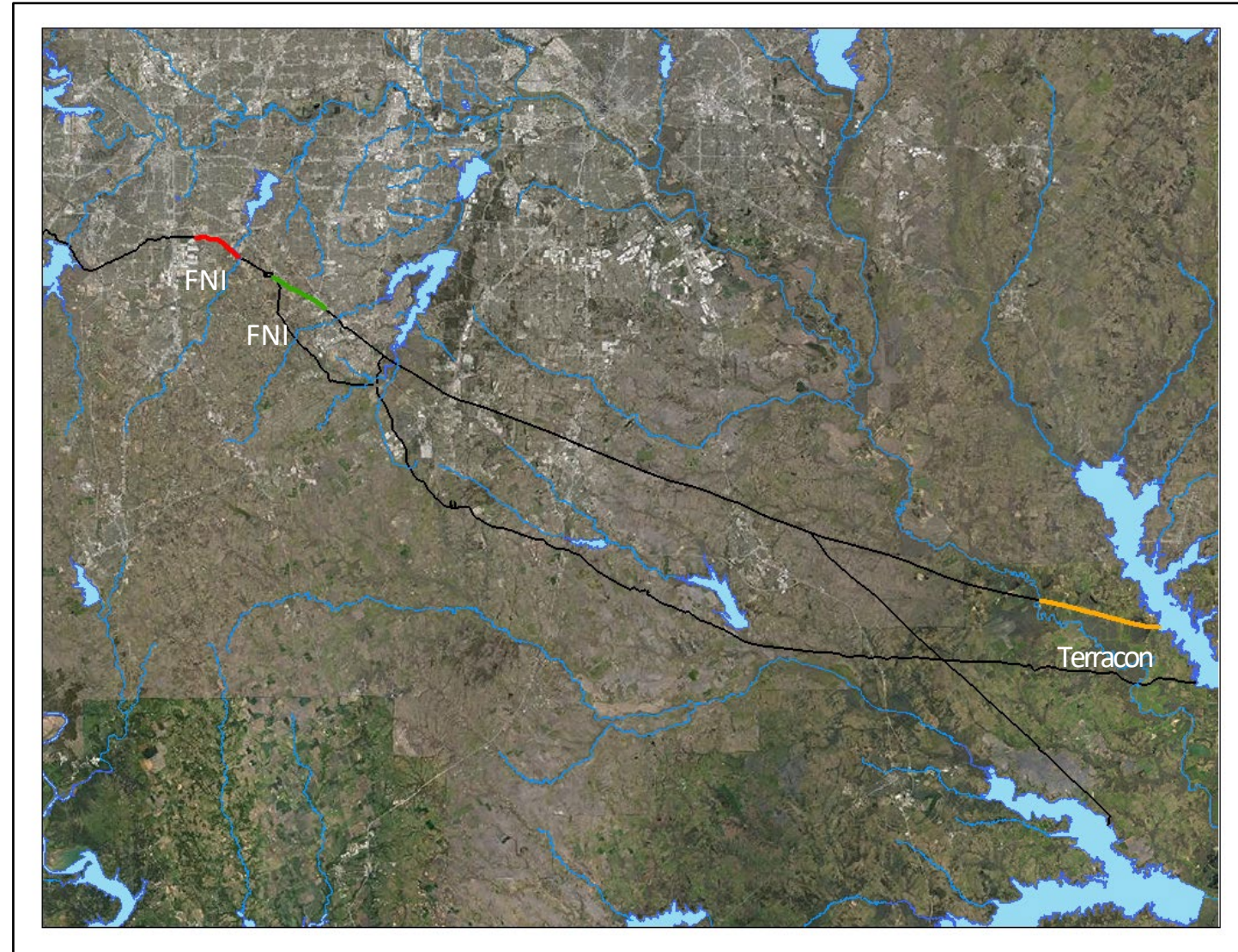


Environmental Permitting for CCPL Replacement

Section 1D/1E, Section 2 Phase 2, Section 4

Included Services:

- Desktop Evaluation
- Aquatic Resources Delineation Field Survey
- Archeological Field Survey and Evaluation
- 404 Permitting Preparation and Submittal



Item 9:

Consider Approval of Contract with Terracon for Environmental and Permitting Services for Section 4 of the Cedar Creek Pipeline Replacement Project

Darrel Andrews, Environmental Director



Item 10:

Consider Approval of Local Budget Reallocation for Central City Flood Control Project

Kate Beck, Central City Flood Control Program Director

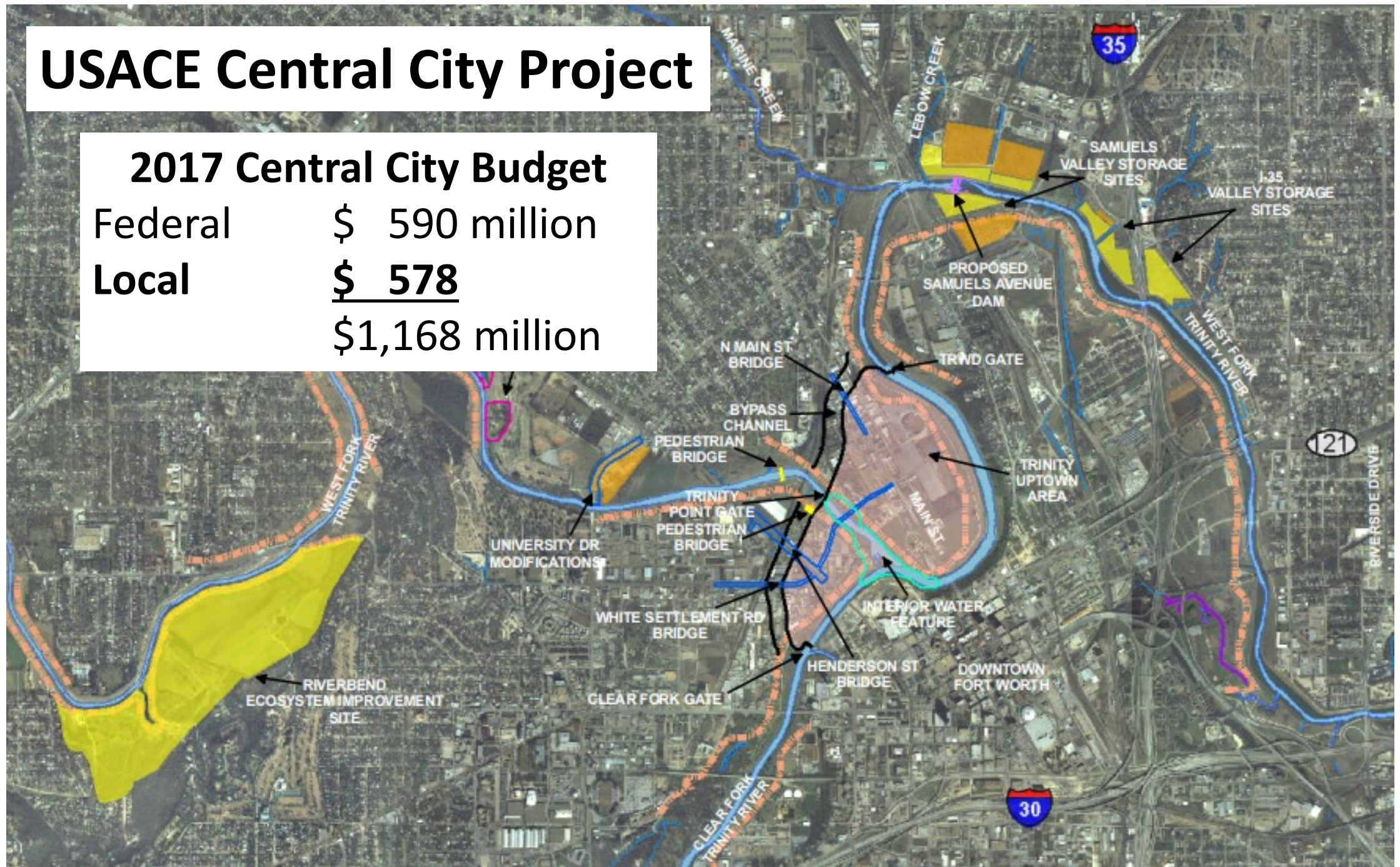


USACE Central City Project

2017 Central City Budget

Federal \$ 590 million

Local \$ 578
\$1,168 million



Local Budget Reallocation, cont.

\$45.3 million FROM

| | |
|--------------------------------|----------------|
| • Panther Island Utilities | \$29.4 million |
| • Marine Creek Lock/Stockyards | \$10.2 |
| • Program Coordination | \$3.1 |
| • TxDOT Bridges - Land | <u>\$2.6</u> |
| Total | \$45.3 |

\$45.3 million TO

| | |
|-----------------------|---------------|
| • Land/Demo/Env. | \$2.6 |
| • Utility Relocations | <u>\$42.7</u> |
| Total | \$45.3 |

Item 11:

Consider Approval of Contract Amendment with Freese and Nichols, Inc. for Value Engineering Services for Technical Evaluation of the Stormwater Canal Structures

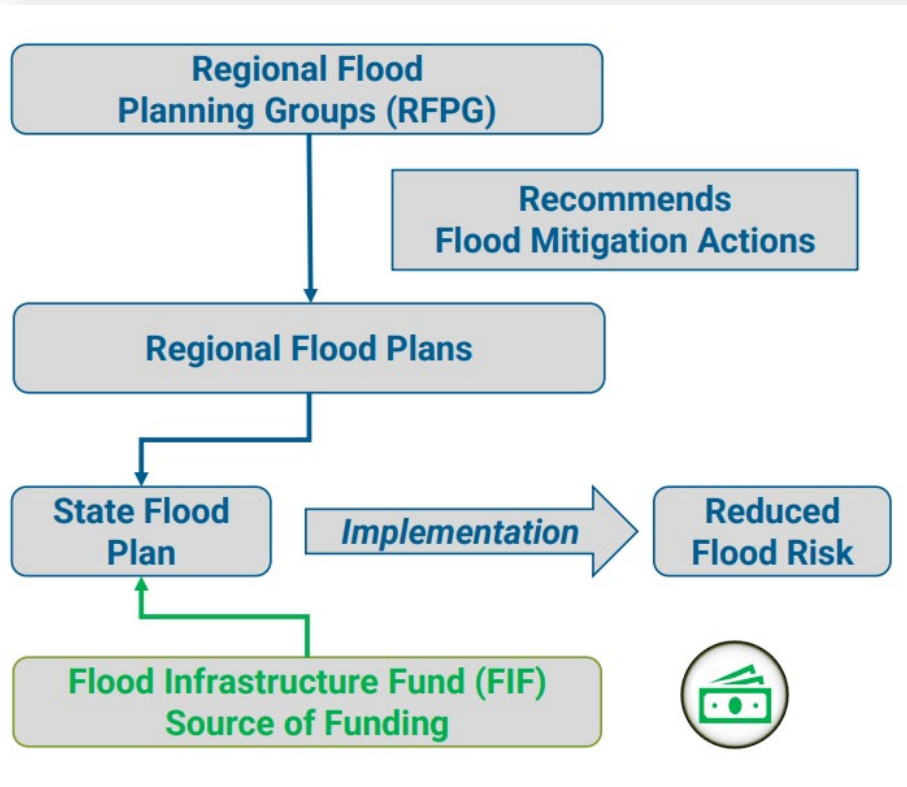
Kate Beck, Central City Flood Control Program Director



Prepare Package to Amend the 2023 Regional Flood Plan

Panther Island Canals and Fort Worth Central City Project

FLOOD PLANNING PROCESS



FIF Highlights

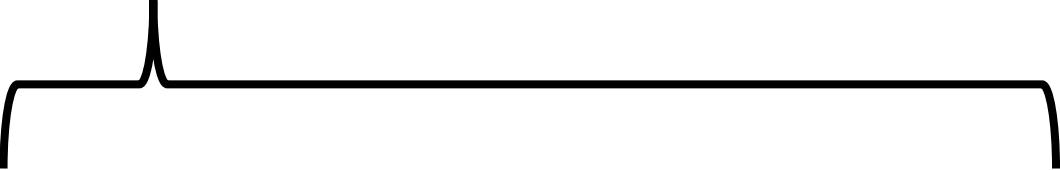
- Only available to projects included in State Flood Plan (SFP)
- Grants, Loans, & Grant/Loans available
- Grant awards range from 100% to 5%
- Zero or low interest loans available
- Can be used for Federal project matching funds

Timelines to FIF

2024 vs. 2028 Flood Plans

Amending now could make projects eligible for funding 3 years sooner.

| | 2024 | | | | 2025 | | | | 2026 | | | | 2027 | | | | 2028 | | | | 2029 | | | | 2030 | |
|--|------|----|-----------------|----|------|----------------------|----|----|-----------------------------|-------------------------|----|----|------|----|----|----|------|----|----|----|-----------------------------|----|----|----|------|--|
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | |
| Ammend 2024 Regional Flood Plan | | | Prepare Package | | ✓ | Amend 2024 RFP & SFP | | | FIF Application & Selection | | | | \$ | | | | | | | | | | | | | |
| 2028 Regional Flood Plan | | | | | | Prepare Package | | | ✓ | Finalize 2028 RFP & SFP | | | | | | | | | | | FIF Application & Selection | | | | \$ | |



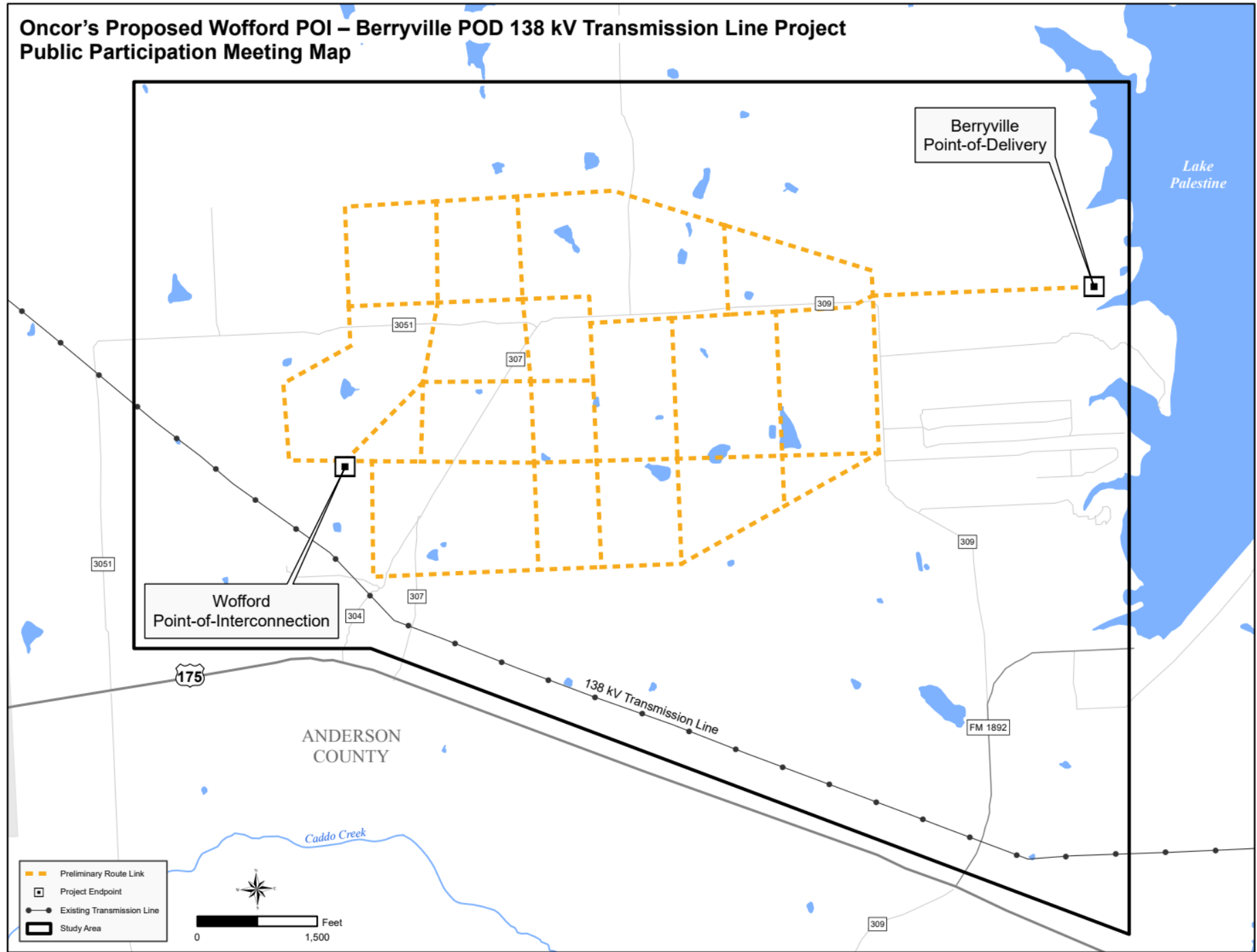
Item 12:

Consider Approval of a Facilities Extension Agreement with Oncor Electric Delivery Company LLC, for High Voltage Electric Service to the Integrated Pipeline Lake Palestine Pump Station

Zachary Huff, Water Resources Engineering Director



Oncor's Proposed Wofford POI – Berryville POD 138 kV Transmission Line Project Public Participation Meeting Map



Item 13:

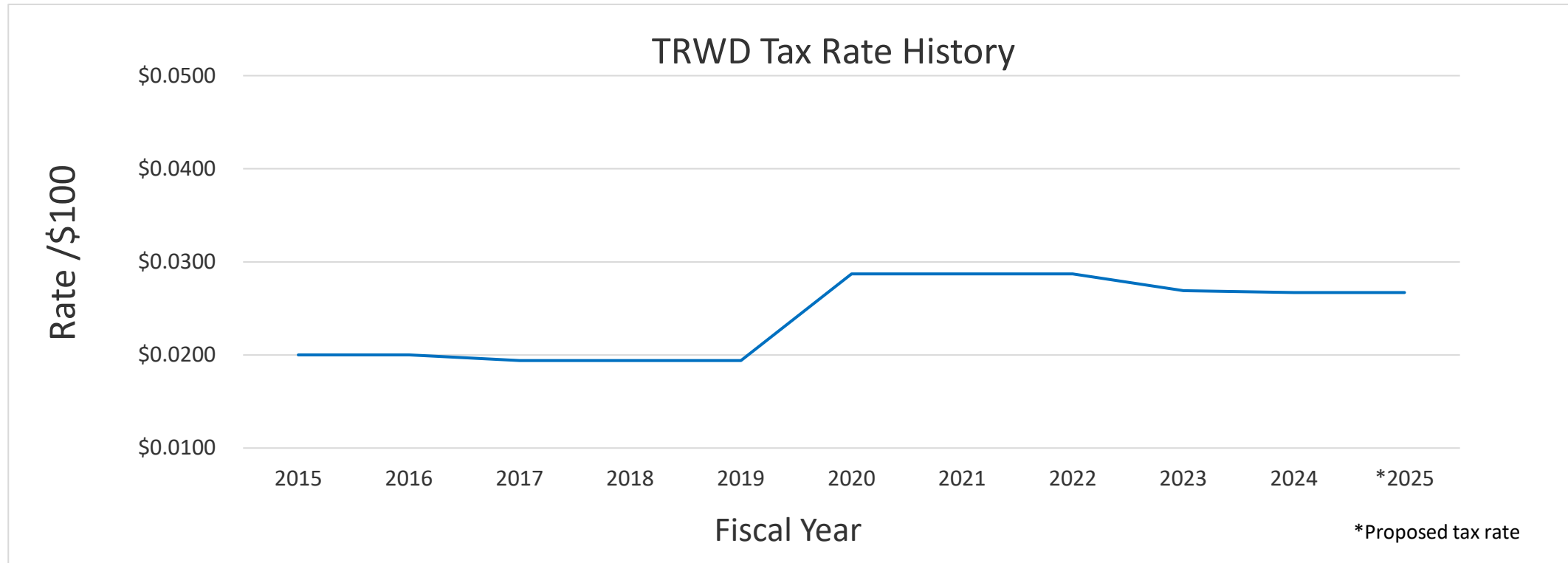
Vote to Place a Proposal to Adopt a Tax Year 2024 Tax Rate on the Agenda for the September 17, 2024, Board of Directors Meeting; and Establish a Date for a Public Hearing to be Held September 12, 2024, at 11:00am on the Proposed Tax Year 2024 Tax Rate

Sandy Newby, Chief Financial Officer



2024 Proposed Tax Rate for FY2025 Budget Discussion

| 2024 (FY25) Proposed Tax Rate | 2023 (FY24) Tax Rate | % Decrease |
|----------------------------------|------------------------------|------------------------------|
| \$0.0267 | \$0.0267 | 0.00% |
| Estimated FY25 Tax Collections | FY25 Proposed Expense Budget | Estimated Decrease to Equity |
| \$29,100,000 | \$29,119,555 | \$19,555 |



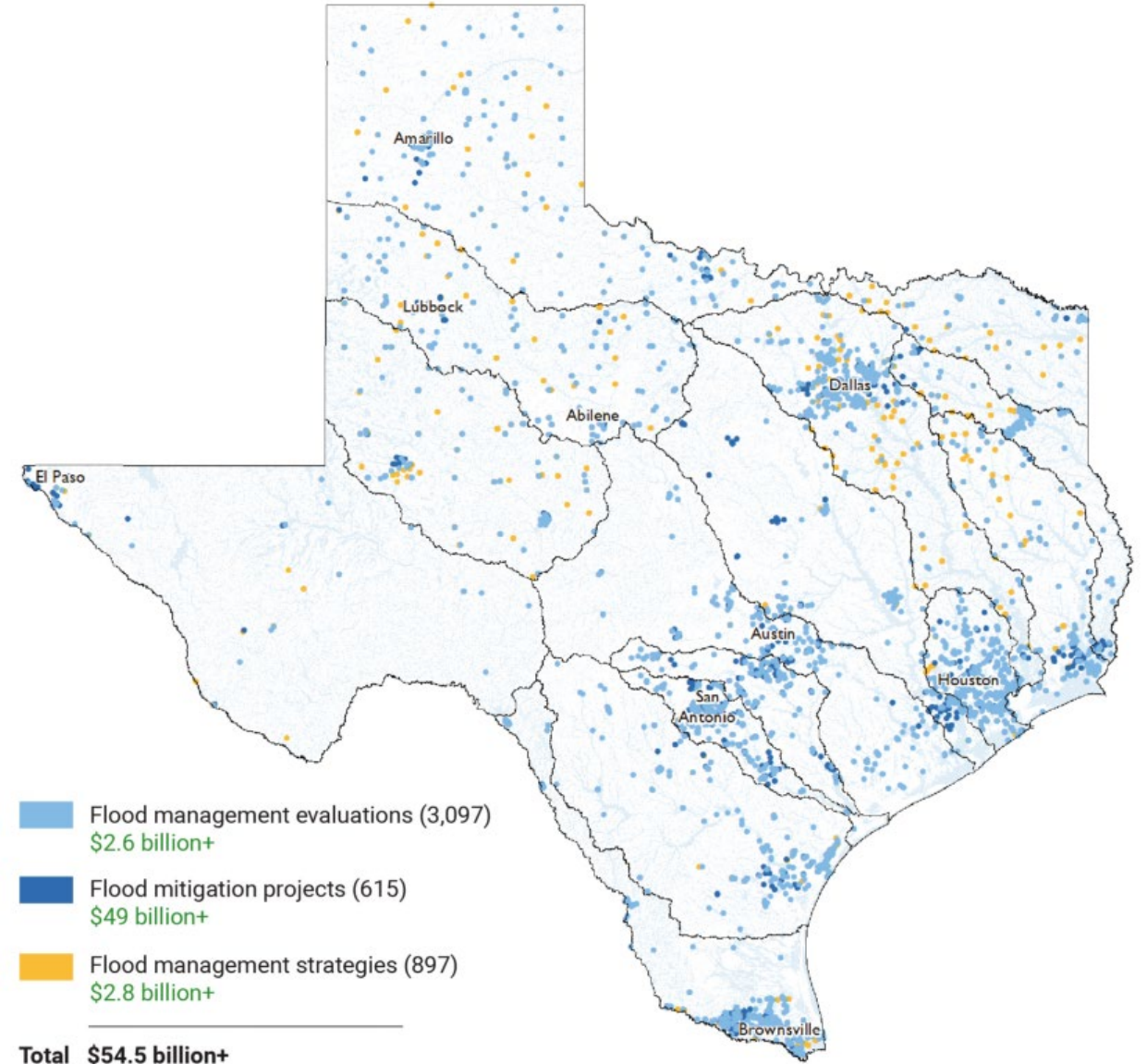
The background of the slide is a close-up photograph of water. It features a series of concentric, overlapping ripples that create a textured, shimmering effect. The water is a clear, light blue color, and the lighting highlights the individual droplets and bubbles, giving it a sense of depth and movement.

STAFF UPDATE

Water Resources and Planning Update

Rachel Ickert, *Chief Water Resources Officer*

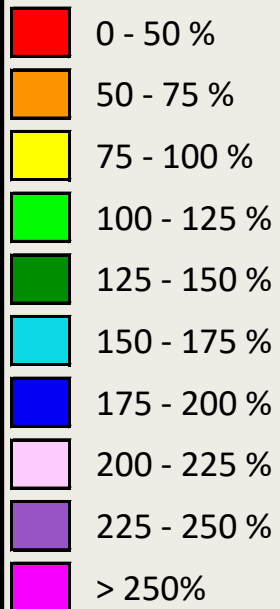
First Texas State Flood Plan Adopted Last Week!



Percent of Normal Rainfall

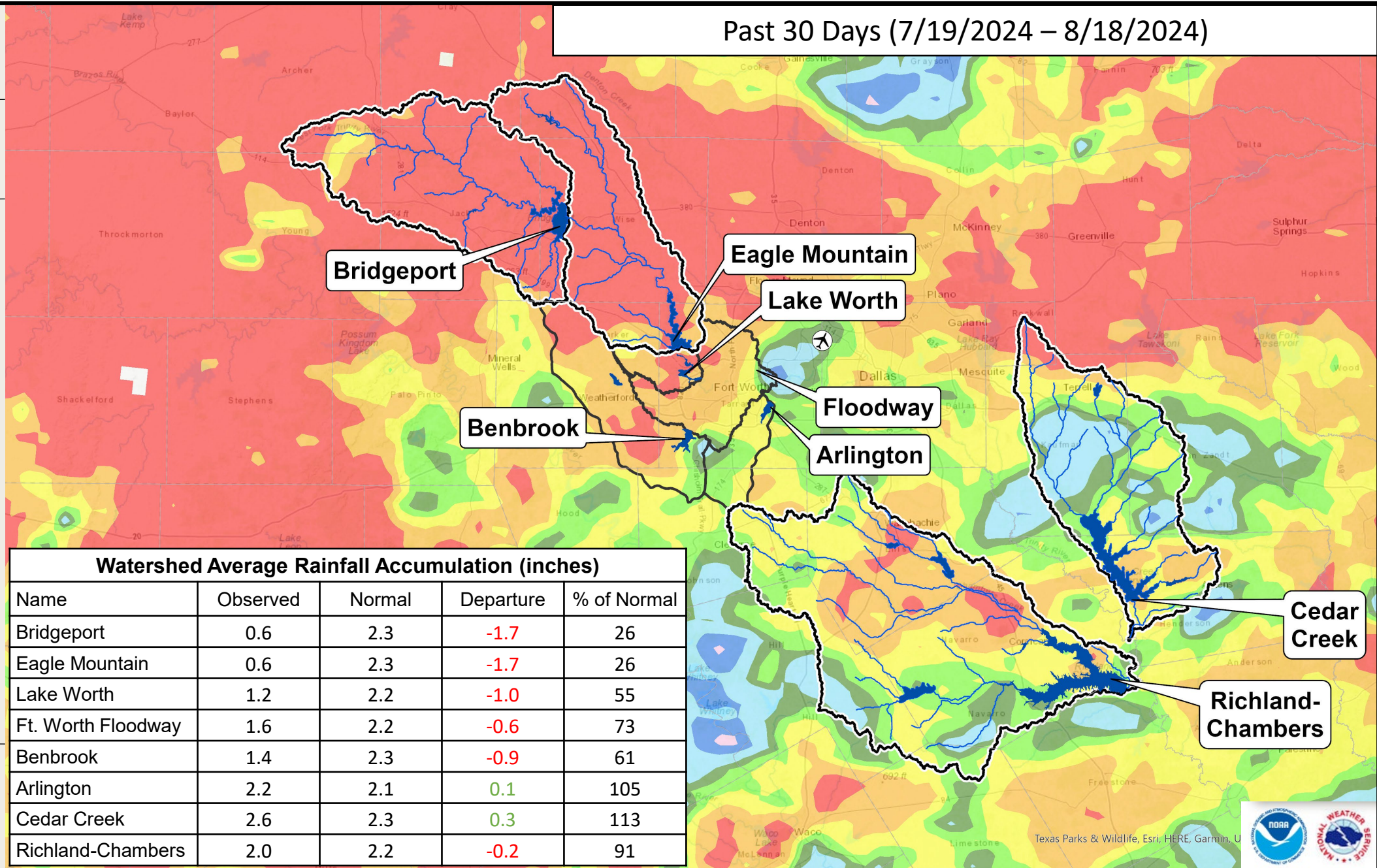


LEGEND



Precipitation totals are obtained from NOAA's NWS. The totals displayed are estimated by the WGRFC. The data is processed and displayed using ESRI ArcGIS.

Past 30 Days (7/19/2024 – 8/18/2024)



Watershed Average Rainfall Accumulation (inches)

| Name | Observed | Normal | Departure | % of Normal |
|--------------------|----------|--------|-----------|-------------|
| Bridgeport | 0.6 | 2.3 | -1.7 | 26 |
| Eagle Mountain | 0.6 | 2.3 | -1.7 | 26 |
| Lake Worth | 1.2 | 2.2 | -1.0 | 55 |
| Ft. Worth Floodway | 1.6 | 2.2 | -0.6 | 73 |
| Benbrook | 1.4 | 2.3 | -0.9 | 61 |
| Arlington | 2.2 | 2.1 | 0.1 | 105 |
| Cedar Creek | 2.6 | 2.3 | 0.3 | 113 |
| Richland-Chambers | 2.0 | 2.2 | -0.2 | 91 |

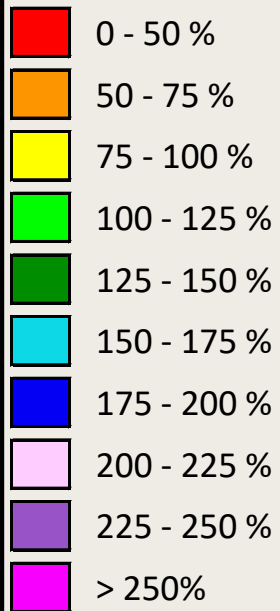


Texas Parks & Wildlife, Esri, HERE, Garmin, U

Percent of Normal Rainfall

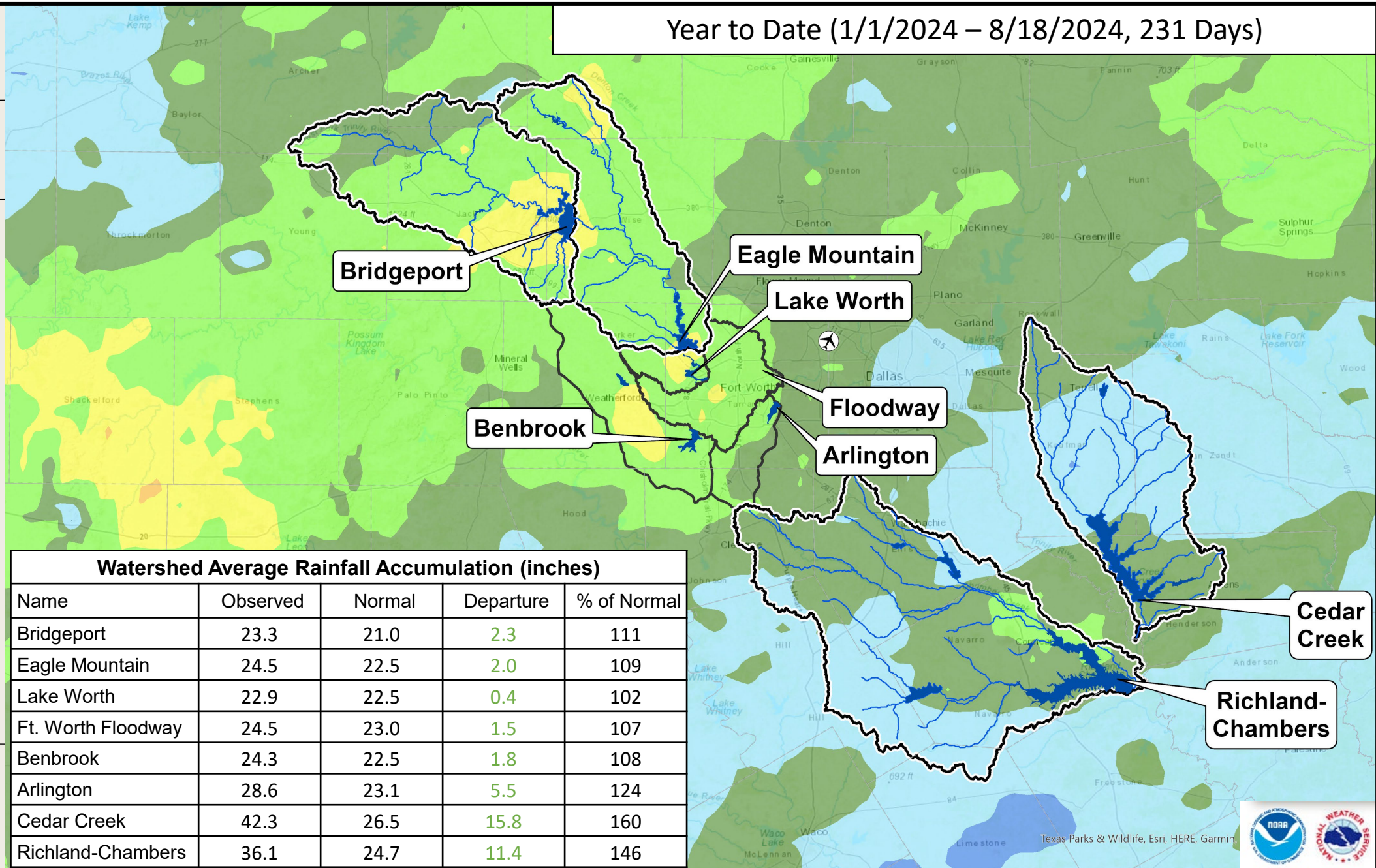


LEGEND



Precipitation totals are obtained from NOAA's NWS. The totals displayed are estimated by the WGRFC. The data is processed and displayed using ESRI ArcGIS.

Year to Date (1/1/2024 – 8/18/2024, 231 Days)



Watershed Average Rainfall Accumulation (inches)

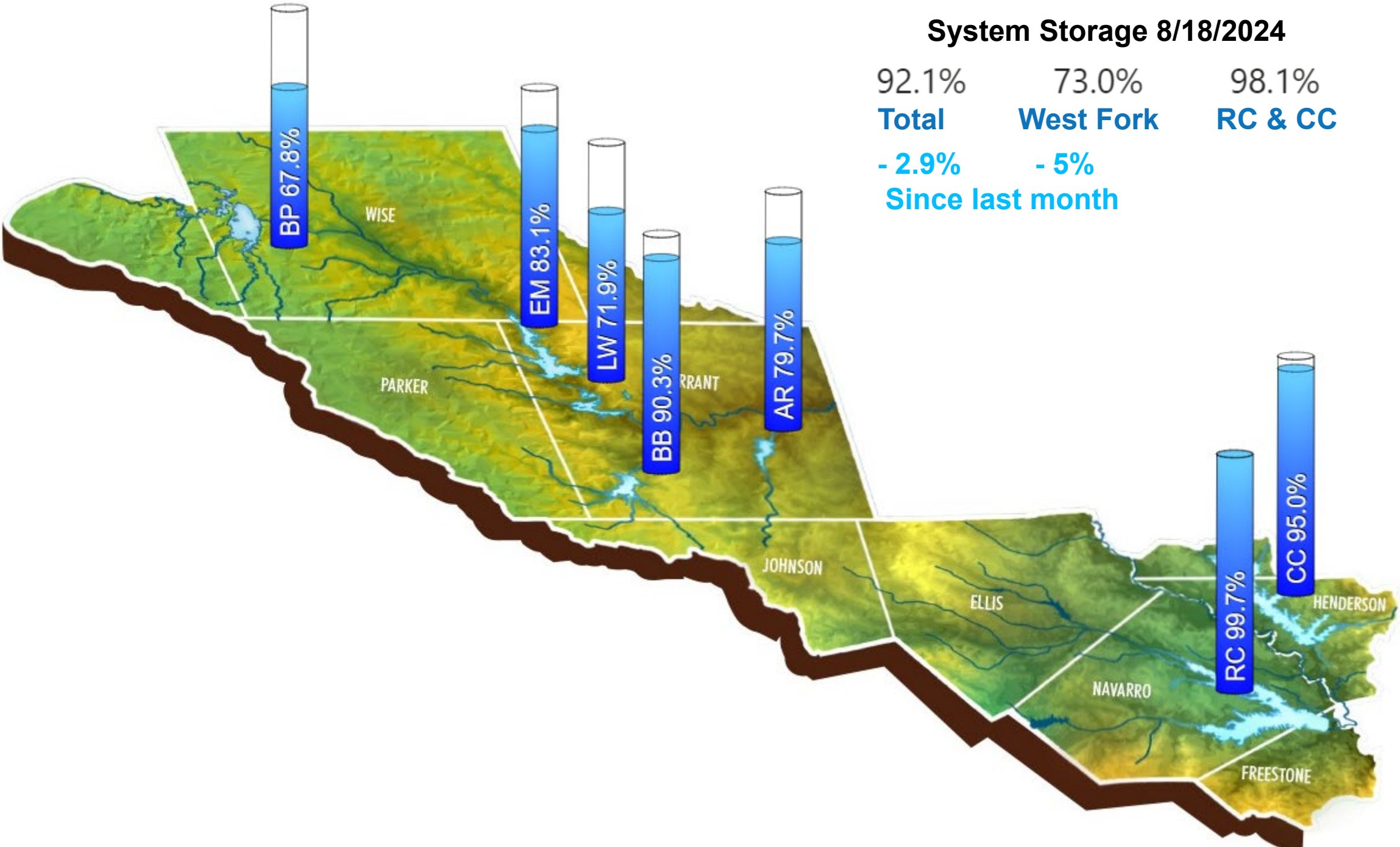
| Name | Observed | Normal | Departure | % of Normal |
|--------------------|----------|--------|-----------|-------------|
| Bridgeport | 23.3 | 21.0 | 2.3 | 111 |
| Eagle Mountain | 24.5 | 22.5 | 2.0 | 109 |
| Lake Worth | 22.9 | 22.5 | 0.4 | 102 |
| Ft. Worth Floodway | 24.5 | 23.0 | 1.5 | 107 |
| Benbrook | 24.3 | 22.5 | 1.8 | 108 |
| Arlington | 28.6 | 23.1 | 5.5 | 124 |
| Cedar Creek | 42.3 | 26.5 | 15.8 | 160 |
| Richland-Chambers | 36.1 | 24.7 | 11.4 | 146 |



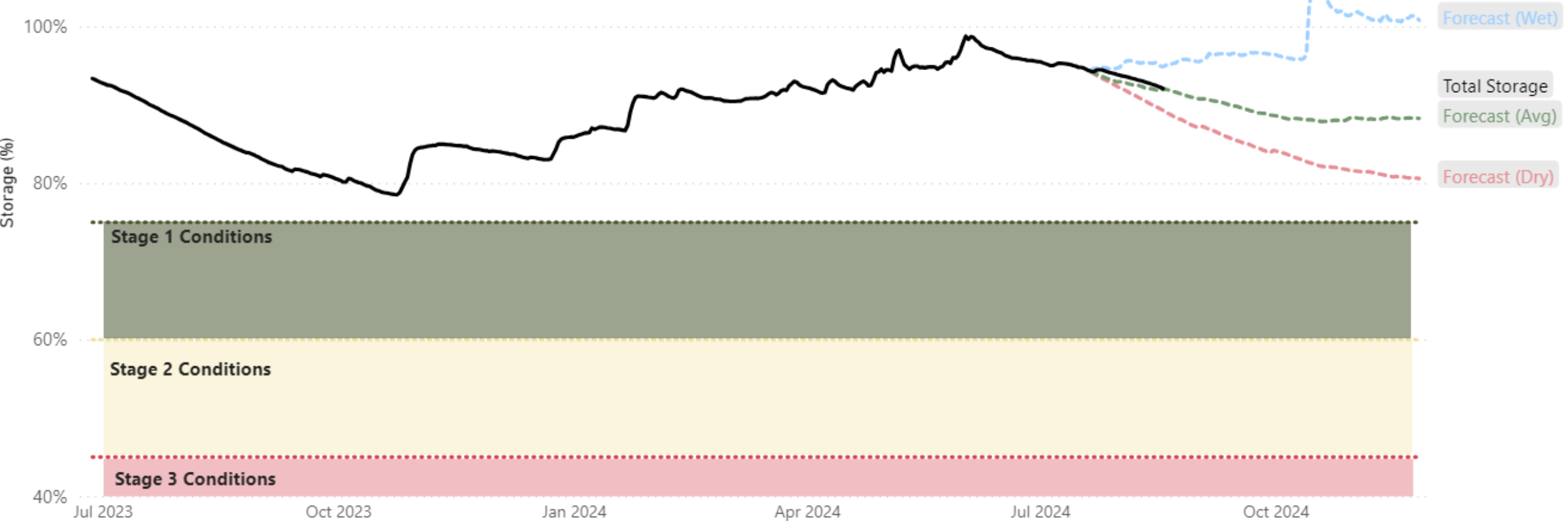
Texas Parks & Wildlife, Esri, HERE, Garmin

System Storage 8/18/2024

92.1% 73.0% 98.1%
Total **West Fork** **RC & CC**
- 2.9% - 5%
Since last month

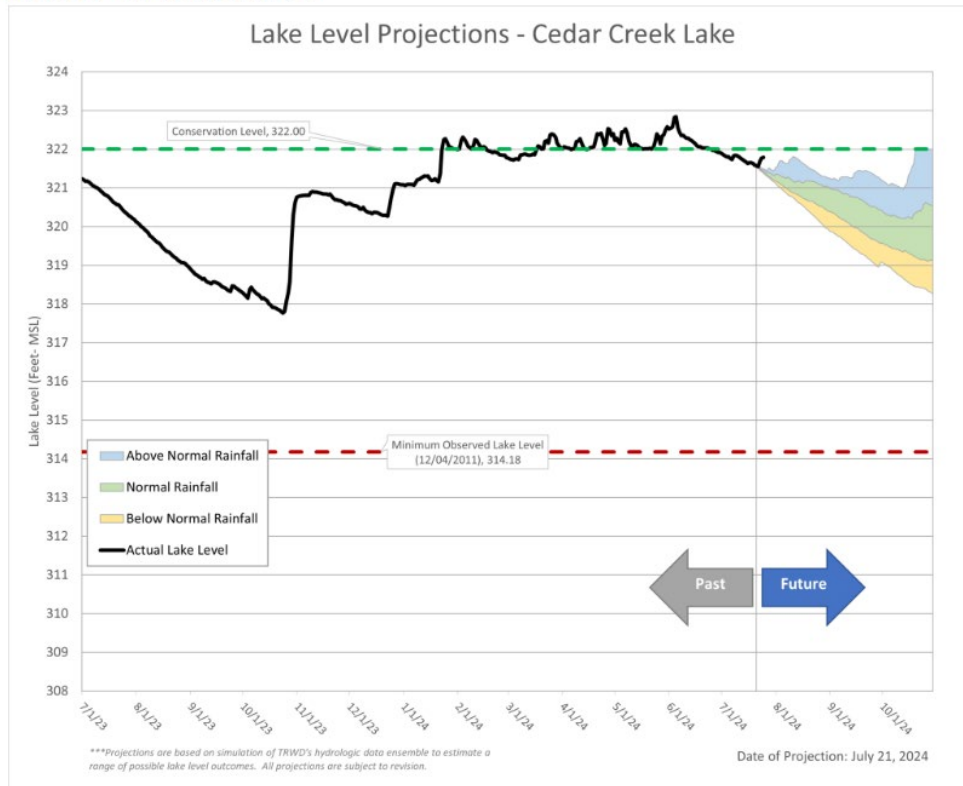


Historic and Projected Total Water Supply Storage



Lake Level Blog: www.trwd.com/lake-level-blog
Water Conservation: www.savetarrantwater.com

Cedar Creek Lake



SAVE TARRANT WATER
Water Conservation

WHAT WE DO

GUIDE TO
TEXAS
Home Landscaping
FREE ONLINE CLASS SERIES

trwd

SAVE TARRANT WATER.COM

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.

STAFF UPDATE

Water Conservation Strategic Plan Update

Linda Christie, *Government Affairs Director*

Water Conservation Strategic Plan Update

Goal to Define Program Approach for Next 10 years

- Last adopted in 2013
- Population has increased 430,000+
- Conservation supports water supply and demand
 - Average gallons per person per day = 151 today vs 175 then
- Continued success important to meet the needs of a growing population and economy

Water Conservation Strategic Plan Update

Continue to Improve Existing Programs

- Customer city support
- Regional and local partnerships
- Community education and outreach
- Reduce outdoor water waste

Water Conservation Strategic Plan Update

Proposed Steps to Create New Plan

- New conservation program evaluation with Integrated Water Supply Plan project update
- Work with regional water providers to share costs for development of “strategic plan resources”
- Customer city conversations
- Use new information, customer feedback and data to create Strategic Plan update

Water Conservation Strategic Plan Update

Moving Forward with New Initiatives

- Begin grassroots advocacy strategies to increase public engagement
- Develop dedicated resources for HOAs and landscape committees
- Create a digital communications resources hub for customer cities
- New programs, partnerships and regional coordination opportunities

Agenda Item 15:
Executive Session

Item 16:

Consideration of Approval of Sale of Land in the R. Ybarbo Survey, Abstract No. 606, Kaufman County, Texas

Steve Christian, Real Property Director



Item 17:

Consider Approval of Authorization to Acquire Real Property Interests by Purchase for the Construction of the Richland-Chambers Wetlands Project

Steve Christian, Real Property Director



Item 18:

Texas Open Government and Ethics Training (Training Regarding the Texas Open Meetings Act, the Texas Public Information Act, and Key Ethics Rules)

Stephen Tatum, General Counsel



Agenda Item 19:
Future Agenda Items

Agenda Item 20: **Schedule Next Board Meetings**

- September 12, 2024 at 11:00 AM (Special Called Meeting)
- September 17, 2024 at 9:00 AM

Agenda Item 21:
Adjourn

