

# BOARD OF DIRECTORS MEETING

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March 22, 2022



## 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.



# 2

## Public Comment





# 3

Consider Approval of the Minutes from the Meeting Held on February 15, 2022





# 4

Presentation by Elizabeth Basham, Executive Director of Trinity Collaborative, Inc.



Trinity Collaborative is pleased to present...

Trinity Collaborative is pleased to present...

Mayfest's

50th

Anniversary!







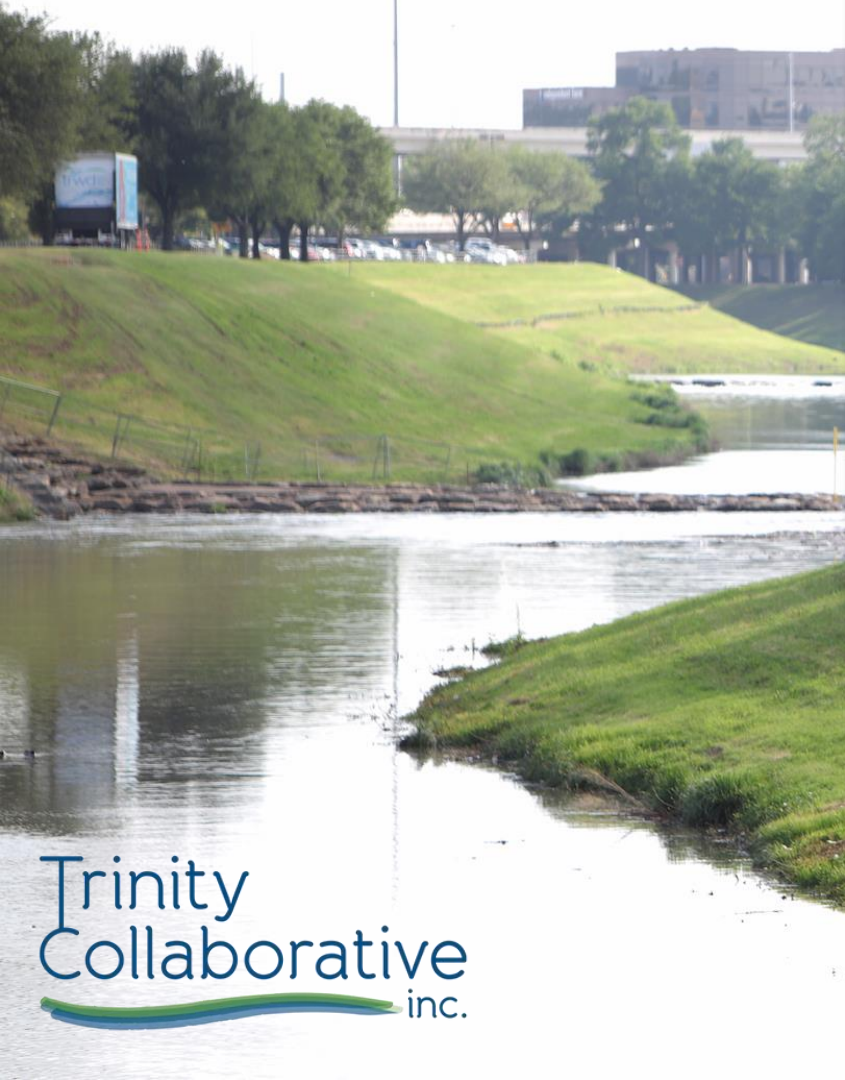




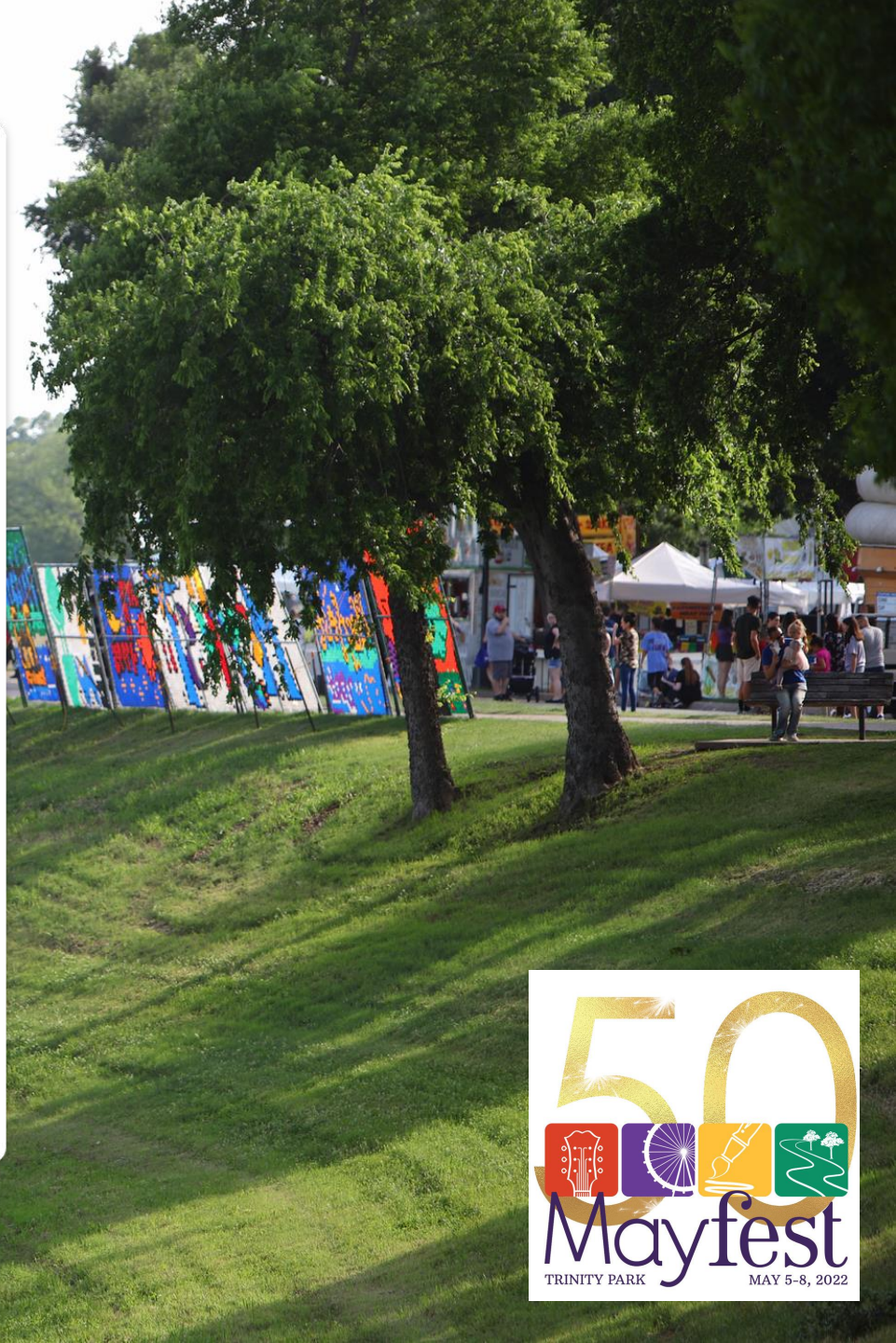
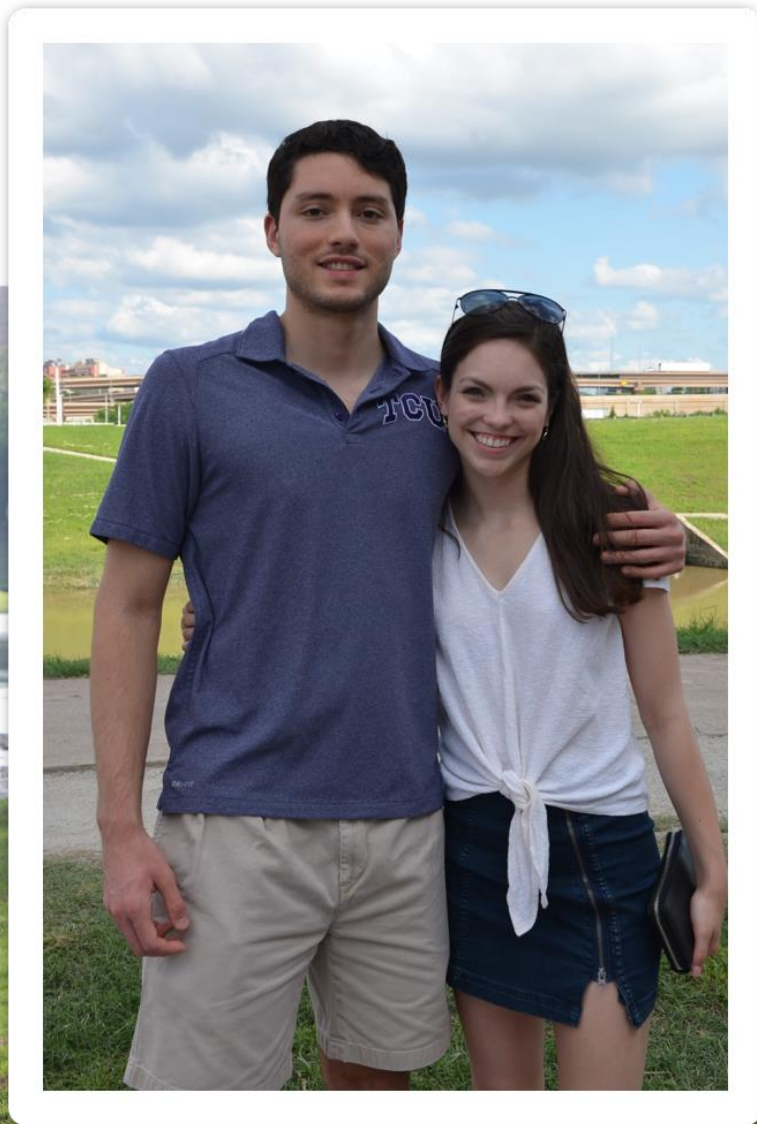
Trinity Collaborative connects people to our parks, the river and each other!

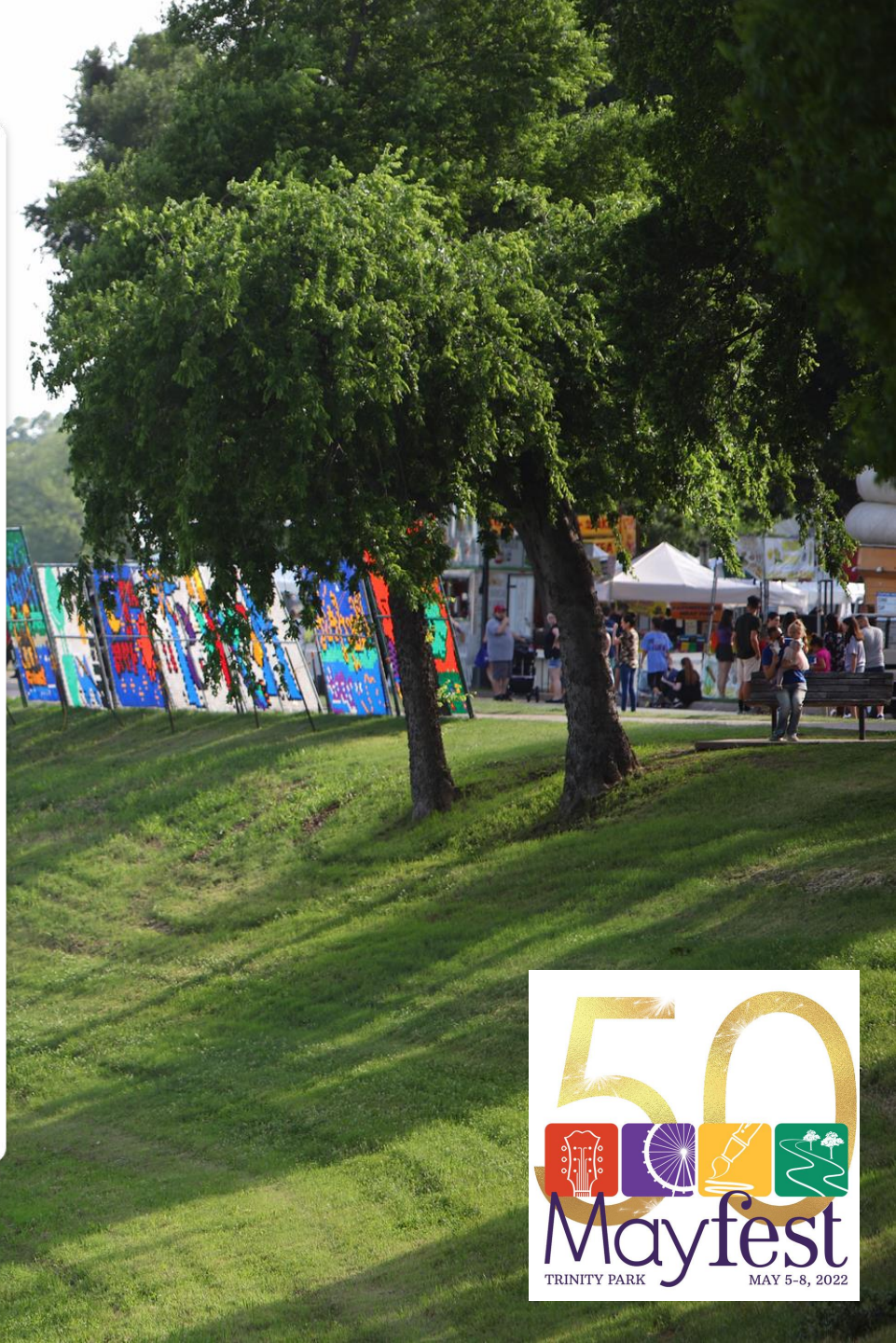
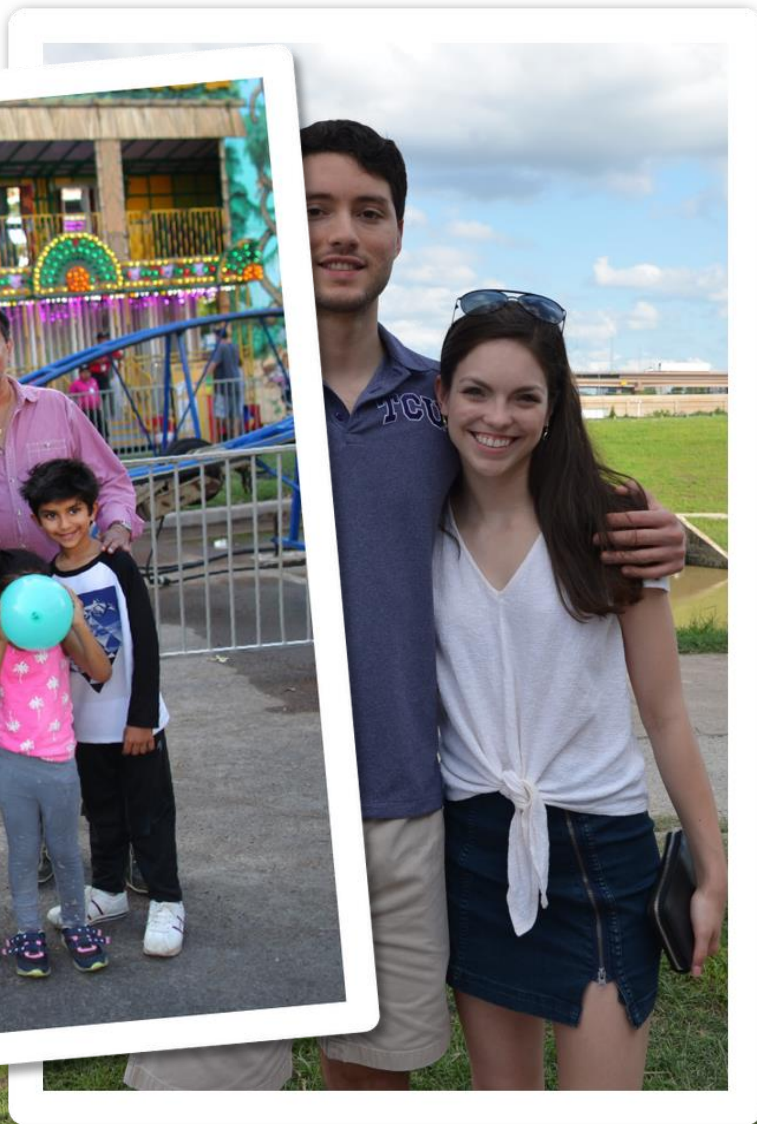
Trinity Collaborative connects people to our parks, the river and each other!

And we know Fort Worth is ready to come back together and celebrate our amazing city through Mayfest!



Trinity  
Collaborative  
inc.





Trinity  
Collaborative  
inc.





Trinity  
Collaborative  
inc.



# Join us for the 50th Anniversary of Mayfest

May 5-8, 2022, in Fort Worth's  
beautiful Trinity Park!



For more information,

find us at

[www.mayfest.org](http://www.mayfest.org)

## Social Media

@mayfestfw

Instagram and Twitter

@mayfest

Facebook

#MayfestFW2022

#MayfestFW50Years

# And Trinity Collaborative

[www.trinitycollaborative.org](http://www.trinitycollaborative.org)

## Social Media

[@trinitycollaborative](https://www.instagram.com/trinitycollaborative)

Instagram and Facebook

# Mayfest's 50th Anniversary

May 5-8, 2022, in Trinity Park!



# 5


## Consider Approval of Depository Contract with JPMorgan Chase

*Sandy Newby, Chief Financial Officer*

# BANKING DEPOSITORY REQUEST FOR PROPOSALS

2022

# BID EVALUATIONS



**RFP 22-033 Depository Services**

Technical Quality Criteria	Total Points Available	JP Morgan Chase	Plains Capital
Financial Strength and Capacity of the Depository	40.00	40.00	25.00
Ability to Hold/Safe Keep District Investment	30.00	30.00	15.00
Most Competitive Aggregate Banking Cost, Consistent with the Ability to Provide the Appropriate Level of Service	20.00	15.00	20.00
Optional Depository Services Desired	10.00	10.00	10.00
<b>Total</b>	<b>100.00</b>	<b>95.00</b>	<b>70.00</b>

# FINANCIAL STRENGTH & CAPACITY OF DEPOSITORY

# JPMORGAN CHASE:



## TRWD's criteria: Financial strength and capacity of the depository

Our financial stability is demonstrated as of September 30, 2021 results:

- Market capitalization of \$466.2 billion.
- Total equity of \$294.1 billion.
- Deposits of \$2.5 trillion.
- Loans of \$1.1 trillion.
- Tier 1 Capital and Total Capital ratios of 15% and 16.8%, respectively. Ratios are calculated under the Basel III Transitional Approach and represent the Collins Floor.



# PLAINS CAPITAL:

## **7. Financial Strength and Capacity of the Depository**

### **A. Financial Statements**

Refer to the links below for the most recent Audited Financial Statement and Call Report.

#### **Annual Audited Financial Statements**

[https://s26.q4cdn.com/460478275/files/doc\\_downloads/sec\\_filings/Hilltop-Holdings-2020-10K.pdf](https://s26.q4cdn.com/460478275/files/doc_downloads/sec_filings/Hilltop-Holdings-2020-10K.pdf)

### **B. Capacity of the Depository**

PlainsCapital Bank has been a Texas banking tradition since 1988 and was founded in Lubbock with one branch and \$160 million in deposits. Our entrepreneurial spirit has helped us grow to become the 4th largest Texas-based bank with over \$11 billion in deposits and 59 locations throughout the State. We moved our headquarters to Dallas almost 20 years ago and most recently transitioned into our new building located in University Park. We have a long history of partnering with 100+ public entities, large and small, in all the markets we serve. We offer specialized expertise to the public entity sector and tailor our treasury management and investment services to meet all your financial needs.

# ABILITY TO HOLD/SAFE KEEP DISTRICT INVESTMENTS

# JPMORGAN CHASE:

## ***Safekeeping***

*The District requires full safekeeping services for its investments. The District currently has a portfolio of approximately \$350,000,000 made up of individual government securities. The income from these securities will be credited to the District's bank accounts when received. The District also requires the depository to provide securities clearing for any investments purchased or sold, whether from the depository or otherwise.*

### ***Please note any exceptions:***

We assume no changes to the safekeeping service as used today by TRWD. We also understand "Safekeeping Online" to mean the same online access TRWD is using today with J.P. Morgan. J.P. Morgan currently provides TRWD income processing and redemption servicing. Please refer to the following information:

- Safekeeping for domestic U.S. equity and fixed income securities.
- Transaction settlement information available via VIEWS—real-time online reporting tool, as well as reporting for holdings, transaction, cash balances, and cash transactions—see enclosed VIEWS Portfolio Reporting Quick Start Guide in Appendix 3.
- Income collection and notification: Dividends for equities, and the principal and interest payments for fixed income securities.
- Corporate actions processing.
- Proxy notification.
- Class Actions notification only.
- Inquiry research and resolution.

- No cost
- Online access including trade input
- Daily reporting available

# PLAINS CAPITAL:

## 8. PlainsCapital Bank Safekeeping and Custody Services

Safekeeping and custody services are available thru PlainsCapital Bank's Wealth Management and Trust Department. PlainsCapital Bank's partners with Bank of New York Mellon (BYN) for securities safekeeping and clearance. Bank will provide the District with settlement instructions for our account at BNY.

All security transactions shall be executed delivery versus payment. Bank has the capability of executing transactions on behalf of the District, through the Depository Trust Company (DTC) and Federal book entry security purchases and sales through the Federal Reserve Bank. A trade confirmation will be issued and available for viewing by the District within twenty-four (24) hours upon security settlement into the District's account. A web-based portal is available for online monitoring of the District's portfolio and transaction monitoring.

A monthly report listing all securities held in safekeeping will be available to the District within two (2) business days after the end of each month through the online reporting safekeeping portal. Report will include settled and cleared activity, including security receipts, security calls, and upcoming known activity including maturities and interest payments.

The District has the option to set safekeeping fees on analysis or direct debit the fee from purchase transactions and debit interest payment fees from interest payment.

- Not held by Plains Capital
- We left BNY previously due to high fees and difficult to work with
- Online trade input is not available

# COMPETITIVE AGGREGATE BANKING COST

Consistent with the ability to provide appropriate level of service

# COST REVIEW

- JPMorgan Chase Earnings Credit Rate - .23% (Current is .20%)
- Plains Capital Earnings Credit Rate for first \$10M - .25%, above \$10M is .10%
- Typical District Balance is just under \$4M

<b>Attachment B</b>				
<b>Depository Services Required</b>	<b>JPMorgan Chase Bid</b>		<b>Plains Capital Bid</b>	
	<b>Monthly Cost</b>	<b>Annual Cost</b>	<b>Monthly Cost</b>	<b>Annual Cost</b>
Account Services Subtotal	\$ 82.00	\$ 984.00	\$ 243.50	\$ 2,922.00
Banking Center Services Subtotal	\$ 5.29	\$ 63.46	\$ 7.97	\$ 95.68
Disbursement Services Subtotal	\$ 436.39	\$ 5,236.68	\$ 16.44	\$ 197.28
Reconciliation Services Subtotal	\$ 69.12	\$ 829.44	\$ 123.55	\$ 1,482.60
Funds Transfer Services Subtotal	\$ 20.80	\$ 249.60	\$ 34.00	\$ 408.00
Automated Clearing House Subtotal	\$ 1,119.45	\$ 13,433.40	\$ 386.98	\$ 4,643.76
Online Access Subtotal	\$ 618.90	\$ 7,426.80	\$ 160.00	\$ 1,920.00
Safekeeping Services Subtotal	\$ -	\$ -	\$ 614.00	\$ 5,928.00
Chase Online Services	\$ 102.10	\$ 1,225.20	\$ 50.00	\$ 600.00
<b>Total Estimated Service Charges</b>	<b>\$ 2,454.05</b>	<b>\$ 29,448.58</b>	<b>\$ 1,636.44</b>	<b>\$ 18,197.32</b>

Note: The individual pricing is confidential and proprietary, therefore we summarized based on a typical month of District activity.

# OPTIONAL DEPOSITORY SERVICES

# JPMorgan Chase

# Plains Capital

- Both Entities were able to provide all requested optional services in different ways:
  - Controlled Disbursement Accounts
  - Debit Block
  - Safekeeping Online
  - Reduced or no-fee checking accounts for District employees utilizing direct deposit of payroll



# ADDITIONAL INFORMATION

# HISTORY

- The District has been with JPMorgan Chase since before they became JPMorgan Chase in 2000, over 30 years
- The District did a Request for Proposals in 2007 and selected Bank One/Chase for a 5 year agreement ending 2012 (Board in April 2007).
  - The agreement was extended in 2012 for an additional 5 years ending 2017.
- In 2017, pricing was reviewed and negotiated, with the final agreement including no price increases. The agreement was signed for additional 3 years with a 2 year renewal option ending in 2022. This extension was reviewed by the Finance Committee in March 2017.
- Since it has been 15 years since we did an RFP, we felt it was the right time to ensure we did due diligence on other options.

# 6

## Consider Approval of Contract Extension with Innovative Management Solutions, Inc. for Program Controls on Central City Flood Control Program

*Woody Frossard, Project Manager,  
Panther Island/Central City Flood Project*

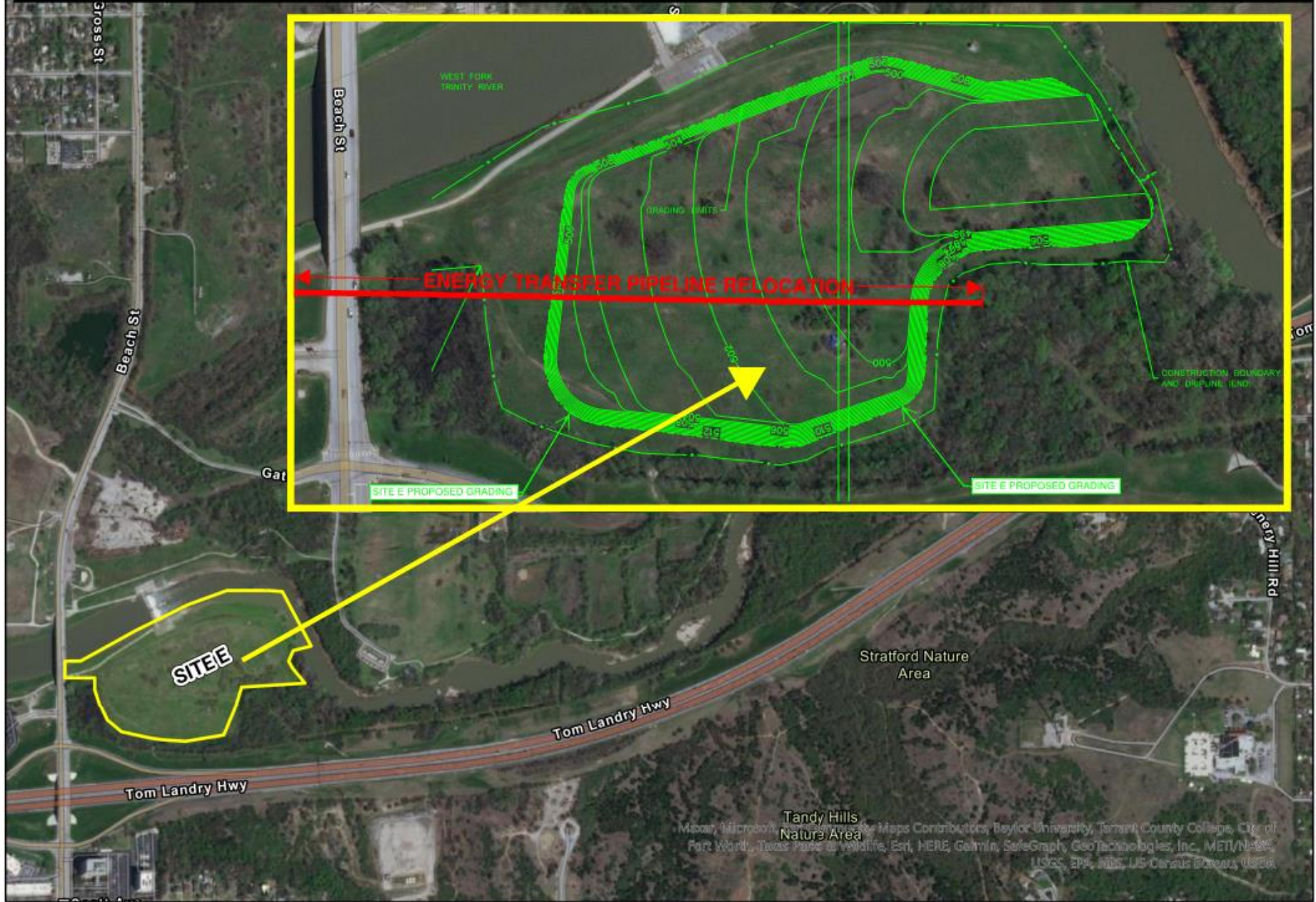


# 7

## Consider Approval of Reimbursement Agreement with Energy Transfer Fuel, LP for Relocation of a Pipeline within the Gateway Oxbow Valley Storage Site E

*Woody Frossard, Project Manager, Panther Island/Central City Flood Project*

# ENERGY TRANSFER PIPELINE RELOCATION FOR GATEWAY OXBOW VALLEY STORAGE SITE E



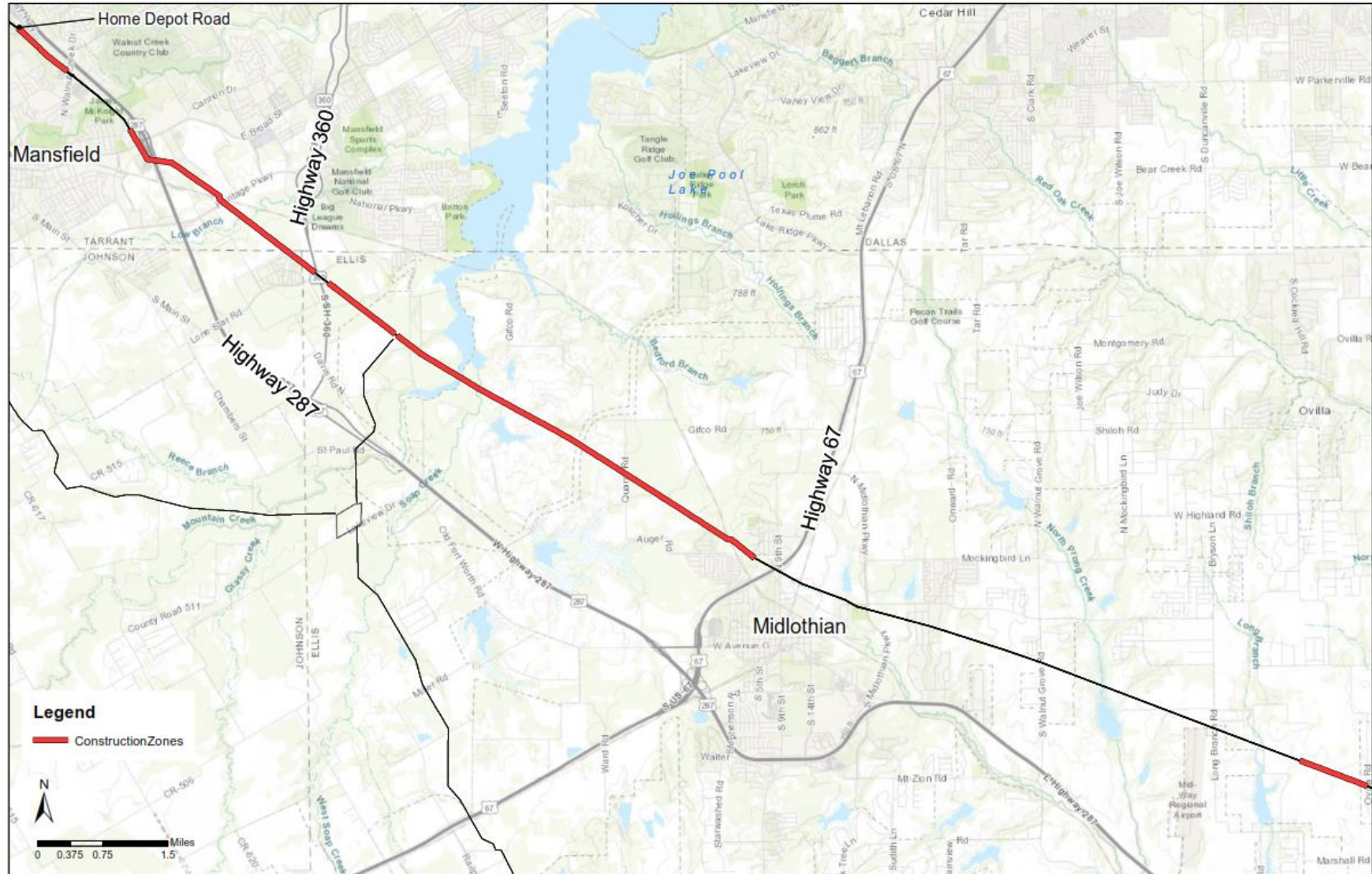


# 8

Consider Approval of Contract Amendment with Black & Veatch Corporation for Professional Land Surveying and Envision Application Support Services for the Cedar Creek Pipeline Replacement Project in the Mansfield to Waxahachie Area

Jason Gehrig, *Infrastructure Engineering Director*

# Cedar Creek Pipeline Replacement Area



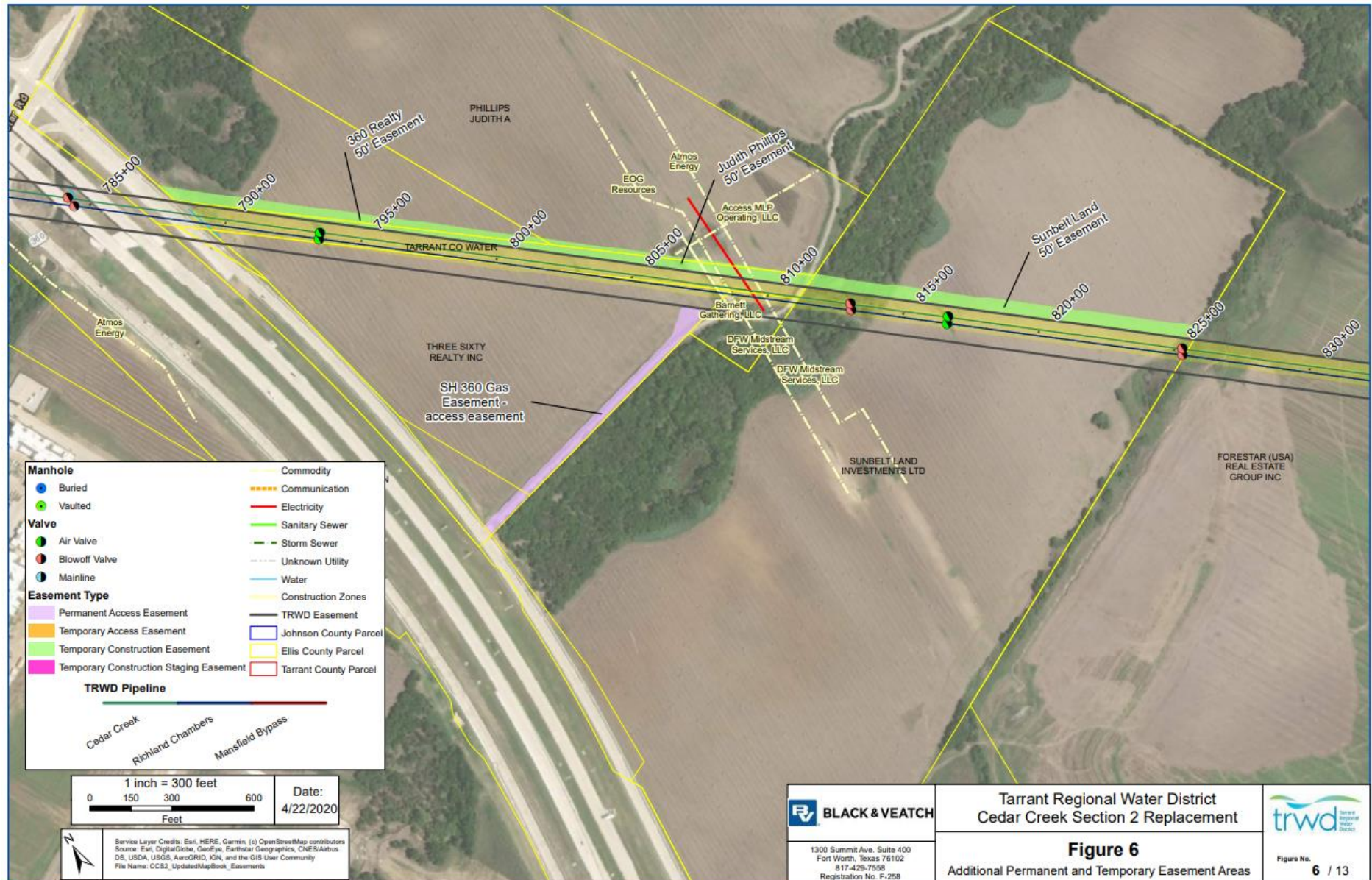
# Limited Space to Work

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# Permanent & Temporary Easement Areas



# Striving for Excellence in Sustainability

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Envision® certification of the Line J and IPL projects which received Silver and Platinum awards, respectively.

# Envision: The Blueprint for Sustainable Infrastructure






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- Quality of Life
- Leadership
- Resource Allocation
- Natural World
- Climate and Resilience



# Significant Effort Required to Demonstrate Sustainability Initiatives in Multiple Categories



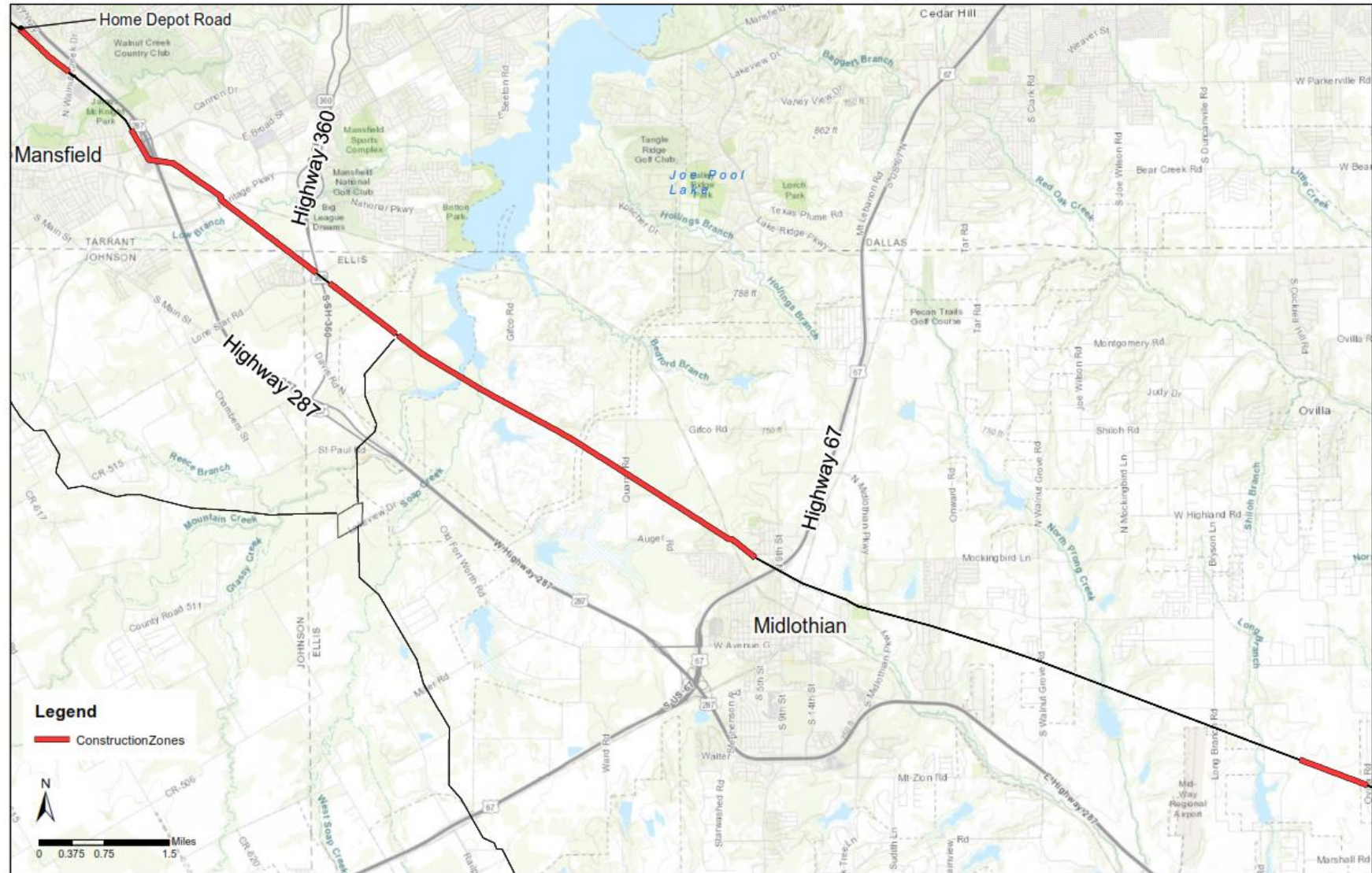
		Improved	Enhanced	Superior	Conserving	Restorative	Maximum Points			
 Quality of Life	Wellbeing	QL1.1 Improve Community Quality of Life	2	5	10	20	26	200		
		QL1.2 Enhance Public Health & Safety	2	7	12	16	20			
		QL1.3 Improve Construction Safety	2	5	10	14	—			
		QL1.4 Minimize Noise & Vibration	1	3	6	10	12			
		QL1.5 Minimize Light Pollution	1	3	6	10	12			
		QL1.6 Minimize Construction Impacts	1	2	4	8	—			
	Mobility	QL2.1 Improve Community Mobility	1	3	7	11	14			
		QL2.2 Encourage Sustainable Transportation	—	5	8	12	16			
		QL2.3 Improve Access & Wayfinding	1	5	9	14	—			
	Community	QL3.1 Advance Equity & Social Justice	3	6	10	14	18			
		QL3.2 Preserve Historic & Cultural Resources	—	2	7	12	18			
		QL3.3 Enhance Views & Local Character	1	3	7	11	14			
		QL3.4 Enhance Public Space & Amenities	1	3	7	11	14			
 Leadership	Collaboration	LD1.1 Provide Effective Leadership & Commitment	2	5	12	18	—	182		
		LD1.2 Foster Collaboration & Teamwork	2	5	12	18	—			
		LD1.3 Provide for Stakeholder Involvement	3	6	9	14	18			
		LD1.4 Pursue Byproduct Synergies	3	6	12	14	18			
	Planning	LD2.1 Establish a Sustainability Management Plan	4	7	12	18	—			
		LD2.2 Plan for Sustainable Communities	4	6	9	12	16			
		LD2.3 Plan for Long-Term Monitoring & Maintenance	2	5	8	12	—			
		LD2.4 Plan for End-of-Life	2	5	8	14	—			
	Economy	LD3.1 Stimulate Economic Prosperity & Development	3	6	12	20	—			
		LD3.2 Develop Local Skills & Capabilities	2	4	8	12	16			
		LD3.3 Conduct a Life-Cycle Economic Evaluation	5	7	10	12	14			
		RA1.1 Support Sustainable Procurement Practices	3	6	9	12	—			
		RA1.2 Use Recycled Materials	4	6	9	16	—			
 Resource Allocation	Materials	RA1.3 Reduce Operational Waste	4	7	10	14	—	196		
		RA1.4 Reduce Construction Waste	4	7	10	16	—			
		RA1.5 Balance Earthwork On Site	2	4	6	8	—			
		RA2.1 Reduce Operational Energy Consumption	6	12	18	26	—			
		RA2.2 Reduce Construction Energy Consumption	1	4	8	12	—			
	Energy	RA2.3 Use Renewable Energy	5	10	15	20	24			
		RA2.4 Commission & Monitor Energy Systems	3	6	12	14	—			
		RA3.1 Preserve Water Resources	3	5	7	9	12			
		RA3.2 Reduce Operational Water Consumption	4	9	13	17	22			
	Water	RA3.3 Reduce Construction Water Consumption	1	3	5	8	—			
		RA3.4 Monitor Water Systems	1	3	6	12	—			
		NW1.1 Preserve Sites of High Ecological Value	2	6	12	16	22			
		NW1.2 Provide Wetland & Surface Water Buffers	2	5	10	16	20			
 Natural World	Siting	NW1.3 Preserve Prime Farmland	—	2	8	12	16	232		
		NW1.4 Preserve Undeveloped Land	3	8	12	18	24			
		NW2.1 Reclaim Brownfields	11	13	16	19	22			
		NW2.2 Manage Stormwater	2	4	9	17	24			
	Conservation	NW2.3 Reduce Pesticide & Fertilizer Impacts	1	2	5	9	12			
		NW2.4 Protect Surface & Groundwater Quality	2	5	9	14	20			
		NW3.1 Enhance Functional Habitats	2	5	9	15	18			
		NW3.2 Enhance Wetland & Surface Water Functions	3	7	12	18	20			
	Ecology	NW3.3 Maintain Floodplain Functions	1	3	7	11	14			
		NW3.4 Control Invasive Species	1	2	6	9	12			
		NW3.5 Protect Soil Health	—	3	4	6	8			
		CR1.1 Reduce Net Embodied Carbon	5	10	15	20	—			
		CR1.2 Reduce Greenhouse Gas Emissions	8	13	18	22	26			
 Climate and Resilience	Emissions	CR1.3 Reduce Air Pollutant Emissions	2	4	9	14	18	190		
		CR2.1 Avoid Unsuitable Development	3	6	8	12	16			
		CR2.2 Assess Climate Change Vulnerability	8	14	18	20	—			
	Resilience	CR2.3 Evaluate Risk and Resilience	11	18	24	26	—			
		CR2.4 Establish Resilience Goals and Strategies	—	8	14	20	—			
		CR2.5 Maximize Resilience	11	15	20	26	—			
		CR2.6 Improve Infrastructure Integration	2	5	9	13	18			
		<b>Maximum TOTAL Points</b>							<b>1,000</b>	

# 9

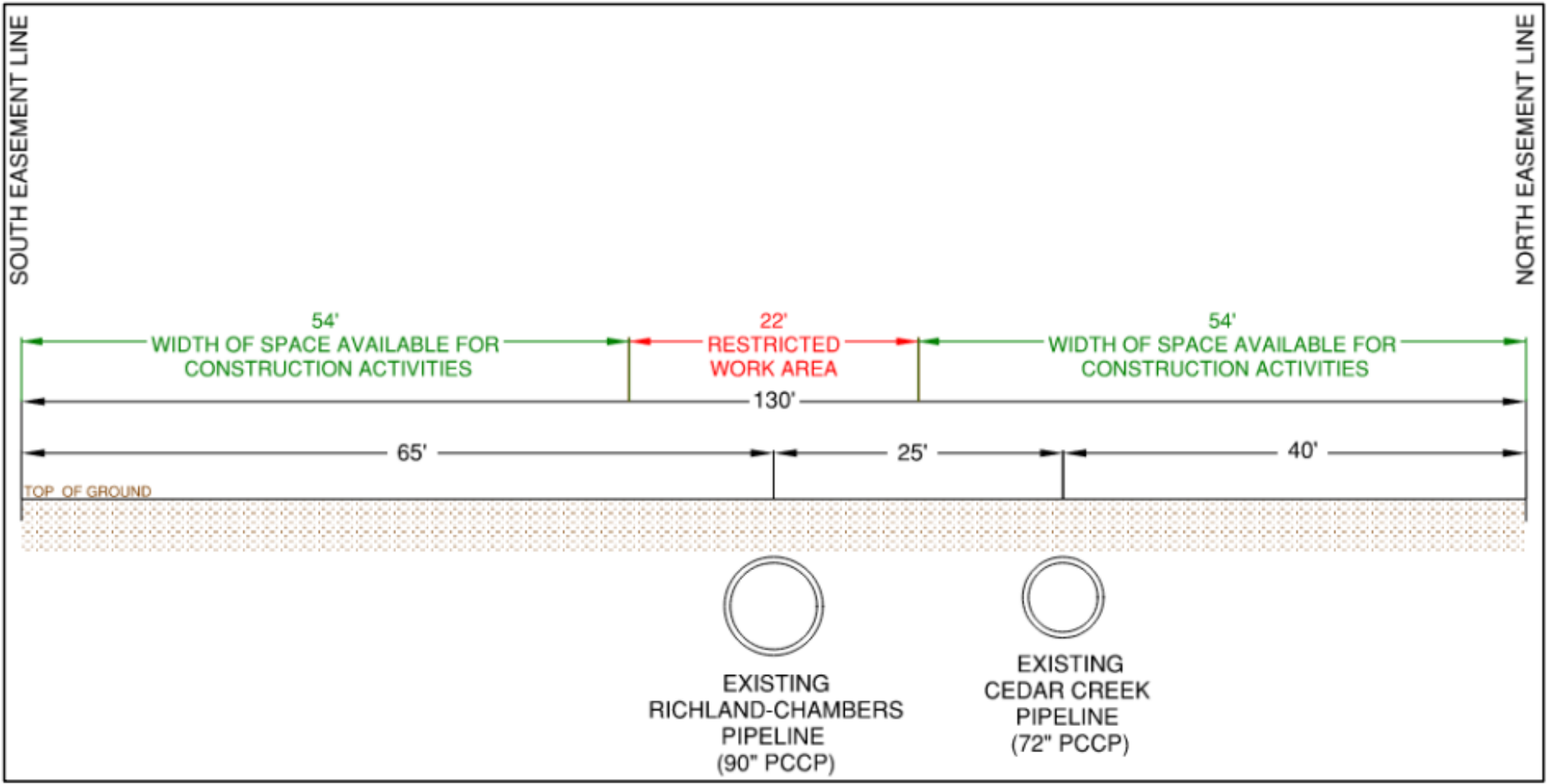
Consider Approval of Contract Amendment with HDR Engineering, Inc. for Corrosion Control Engineering Services for the Cedar Creek Pipeline Replacement Project in the Mansfield to Waxahachie Area

Jason Gehrig, *Infrastructure Engineering Director*

# Cedar Creek Pipeline Replacement Area



# RC Pipeline Parallel to CC Pipeline



# Cathodic Protection

## Key to Protecting Pipelines from Corrosion

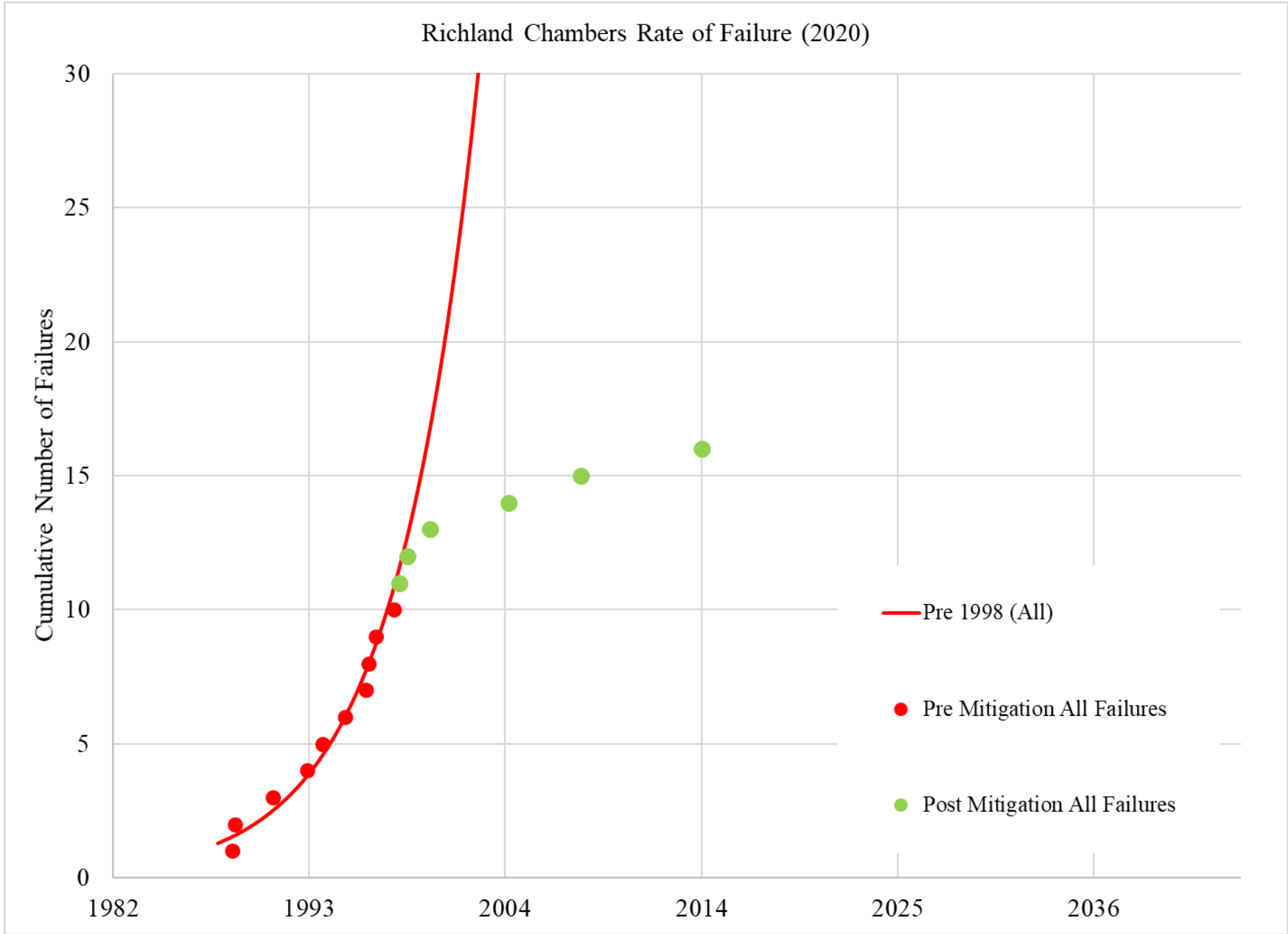
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# Cathodic Protection of Pipelines to Prevent Corrosion

WATER SUPPLY · FLOOD PROTECTION · RECREATION



# Cathodic Protection Equipment

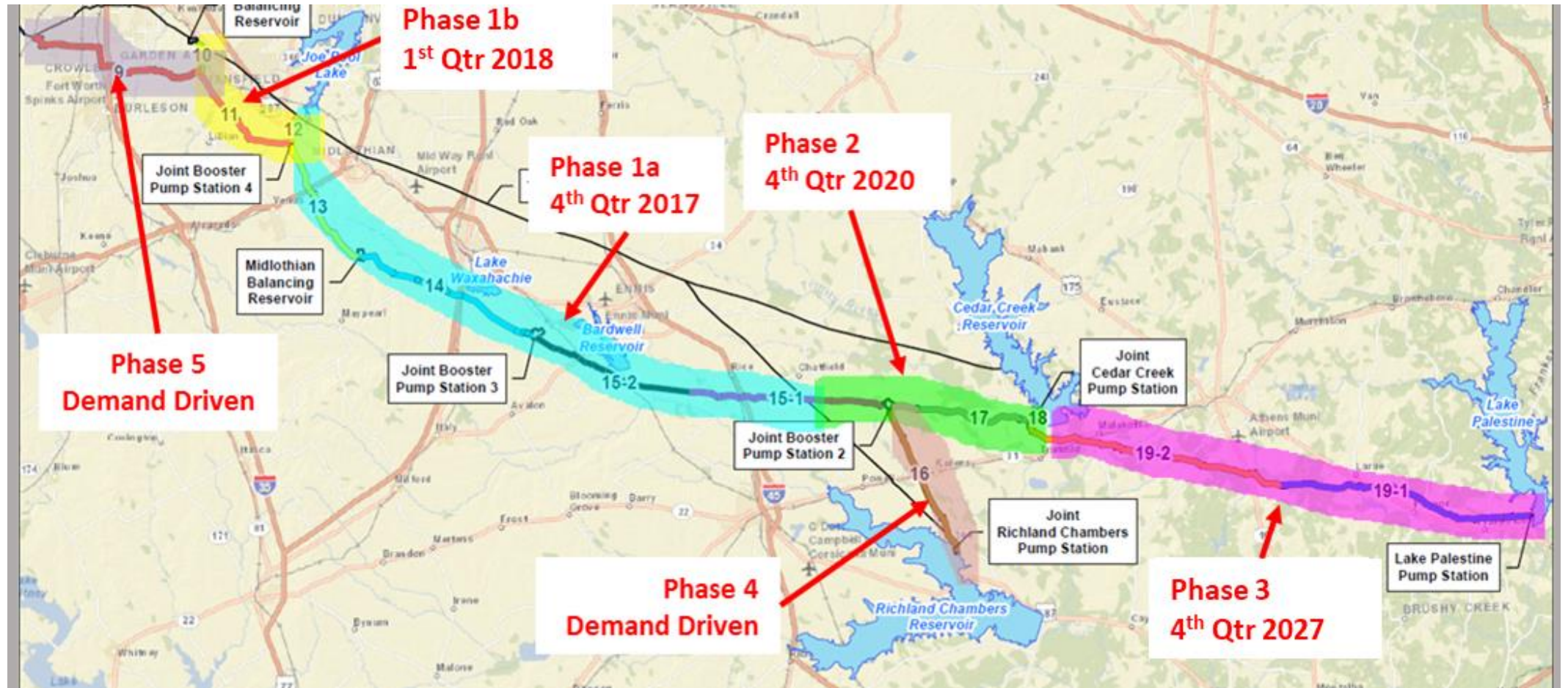


# 10

Consider Approval of Release of Retainage, Final Payment and Contract Closeout to Thalle Midlothian Partners, LLC for PL1213MBR Project of the Integrated Pipeline Project

*Ed Weaver, IPL Program Manager*

# Integrated Pipeline Layout and Phases



# Integrated Pipeline Phases 2 : Midlothian Balancing Reservoir



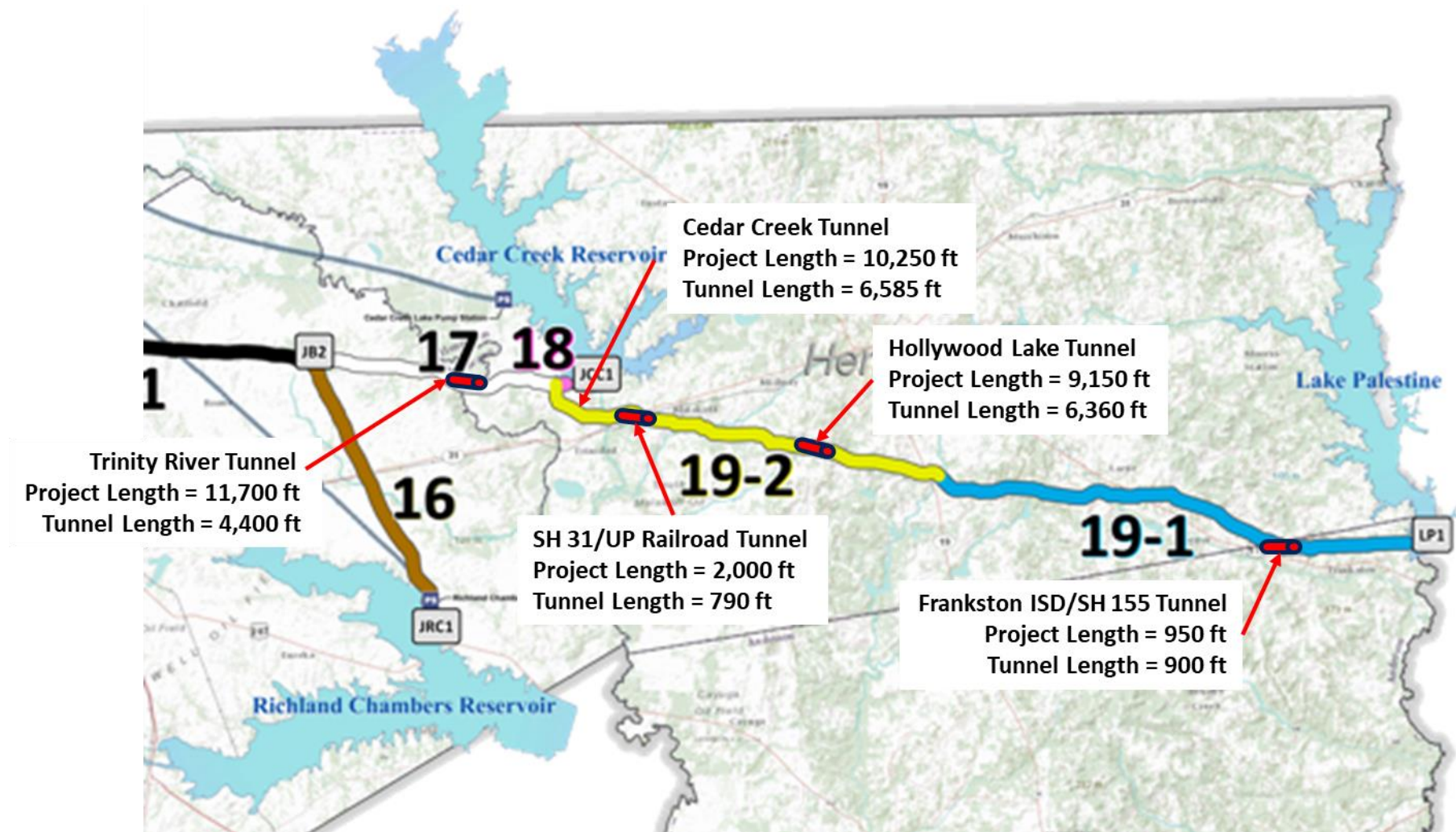


# 11

Consider Approval of Task Order Contract with Accurate Inspections, Inc. for Construction Materials Inspection and Testing Services of IPL Section 19 Long Tunnel Crossings of the Integrated Pipeline Project

*Ed Weaver, IPL Program Manager*

# Integrated Pipeline Phases 2 and 3 Long Tunnels



# Integrated Pipeline Phases 2 and 3 Long Tunnels: Accurate



Pipe Quality Assurance –  
Coating Inspection  
Accurate



Pipe Quality Assurance –  
Cement Mortar Lining  
Thickness Verification  
Accurate



Pipe Quality Assurance –  
Cement Mortar Lining  
Thickness Verification  
Accurate



# Integrated Pipeline Phases 2 and 3 Long Tunnels: Accurate

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Non-Destructive Testing –  
Ultra Sonic Inspection of Casting  
Accurate



Certified Welding Inspection –  
Visual Inspection  
Accurate

# Integrated Pipeline Phases 2 and 3 Long Tunnels: Accurate



Coatings Quality Assurance –  
Weld After Backfill Joint  
Wrapper Proveout



Coatings Quality Assurance  
Thickness Verification

# 12

Consider Approval of Task Order Contract with ETTL Engineers and Consultants, Inc. for Construction Materials Inspection and Testing Services of IPL Section 19 Long Tunnel Crossings of the Integrated Pipeline Project

*Ed Weaver, IPL Program Manager*

# Integrated Pipeline Phases 2 and 3 Long Tunnels

## ETTTL



Construction Materials  
Gradation, Inspection  
Gradation and Testing and  
Compaction Control



Construction Materials Inspection and Testing  
Batch Design Concrete Sampling and testing

# 13

Consider Approval of Task Order Contract with Steel Inspectors of Texas, Inc. for Construction Materials Inspection and Testing Services of IPL Section 19 Long Tunnel Crossings of the Integrated Pipeline Project

*Ed Weaver, IPL Program Manager*

# Integrated Pipeline Phases 2 and 3 Long Tunnels: Steel Inspectors

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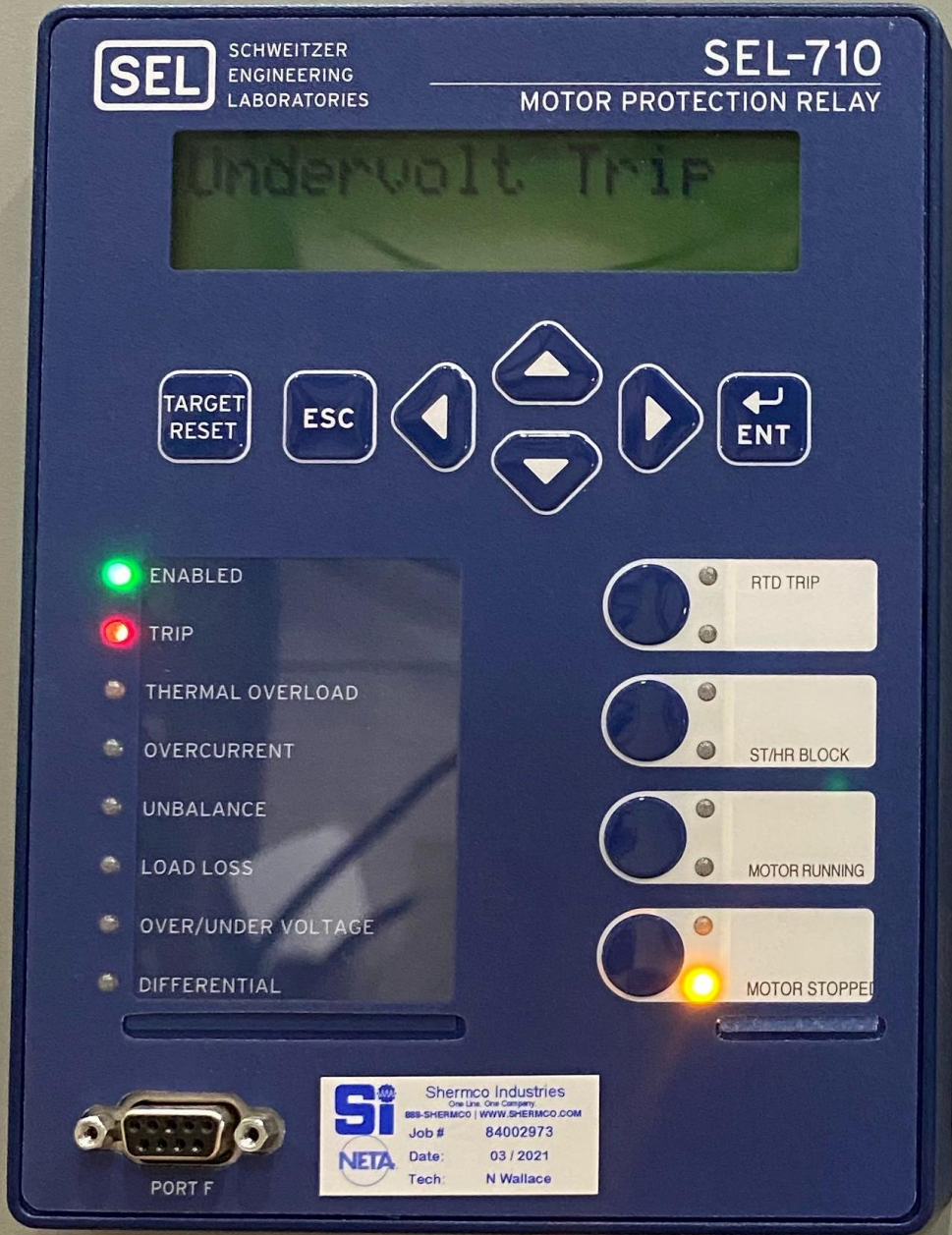


Certified Welding Inspection –  
Magnetic Particle Inspection steel  
Steel Inspectors

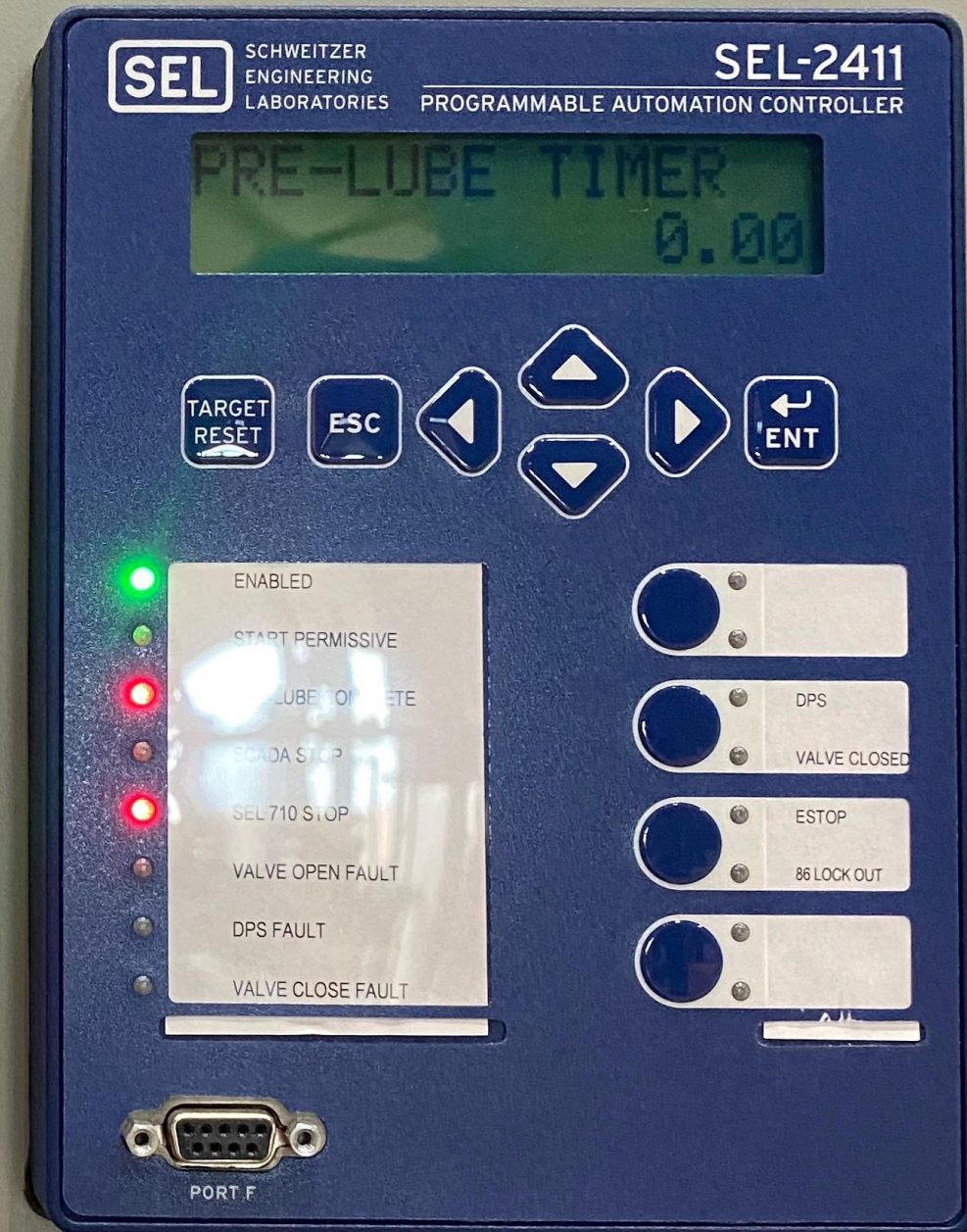
# 14

Consider Approval of Contract with Shermco Industries to Replace Seven Protective Relays at Richland-Chambers High Capacity Booster Pump Station Main #2, Station Service Breaker and Pump Units 4 and 5

Darrell Beason, *Chief Operations Officer*



2744




12740



TARGET  
RESET

ESC




 ENABLED

 TRIP

 INSTANTANEOUS

 PHASE OVERCURRENT

 GND/NEUTRAL OVERCURRENT

 NEG. SEQ. OVERCURRENT

 OVER/UNDER FREQUENCY



 ENABLED  
**LOCK**  
DISABLED

 BLOCK CLOSE  
**CLOSE**  
BREAKER CLOSED

 **TRIP**  
BREAKER OPEN



# 15

## Consider Approval of Capital Equipment Expenditures

Darrell Beason, *Chief Operations Officer*

# 16

## Consider Approval of Operations Maintenance Expenditures

Darrell Beason, *Chief Operations Officer*



# Richland Chambers Sed Pond #3 Erosion

Erosion Along South  
Embankment



## Temporary Labor Services

The general labor duties include picking up litter, brush and weed removal, unloading trucks, moving furniture and other similar tasks involving manual labor as required by the District.



## OEM Purchase

This project is the annual predictive maintenance pipe replacement, consisting of replacing 17 damaged segments of the 72” Cedar Creek Pipeline during Fiscal Year 2023.

# 17

## Consider Appointment of Director to the Trinity River Vision Authority Board of Directors

Dan Buhman, *General Manager*

# Staff Update

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## Transparency Update

Sandy Newby, *Chief Financial Officer*



# Comptroller Transparency Star Program

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Transparency Star

**Awarded!**

Contracts & Procurement



# Transparency Star: Contracts & Procurement

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Displays summarized procurement and contracting activities for the current year

- Total number of publicly posted bidding and contracting activities
- Total dollar amounts of bids received
- Total dollar amount awarded from contracts

Displays 5 year time trend data for authorizations versus actual procurement expenditures

Provides 3 years of bid documents, intent to award documents and competitively bid contracts

Provides downloadable check registers for the past 3 years that are updated automatically each week in Excel form

Provide vendor registration guide

Links to contracting and procurement statutes

# Transparency Star: Contracts & Procurement

- Overview
- Traditional Finances
- Contracts and Procurement**
- Economic Development
- Debt Obligations
- Public Pensions
- Contact Information

## Contracts and Procurement

Contracts and Procurement Summary | Time Trends | Documents and Downloadable Data | Check Register

It is the duty of the Tarrant Regional Water District (TRWD) Purchasing Department to furnish supplies, equipment and services to the various departments in the required quality and quantity, at the best possible price as allowed by law. As part of service excellence, TRWD is committed to following the transparency protocols in the [Transparency Stars \(texas.gov\)](https://www.trwd.com/resources/transparency/) as outlined by the State Comptroller of Public Accounts.

In Fiscal Year 2021, TRWD spent \$37,699,960.82 on procurement contracting activities. That represents \$17.59 per capita (per resident) based on the Tarrant County 2021 population estimate of 2,143,755.

In Fiscal Year 2021, TRWD publicly posted 37 bidding and contracting opportunities, of which 33 were awarded and contracted in the amount of \$3,035,047.09. That represents \$1.42 per capita (per resident) based on the Tarrant County 2021 population estimate of 2,143,755.

TRWD uses an internet bid service, [CIVCAST \(civcastusa.com\)](https://www.civcastusa.com/), to support its transparency efforts by providing real-time information on open bids and requests for proposals via a [CIVCAST Registration](#).

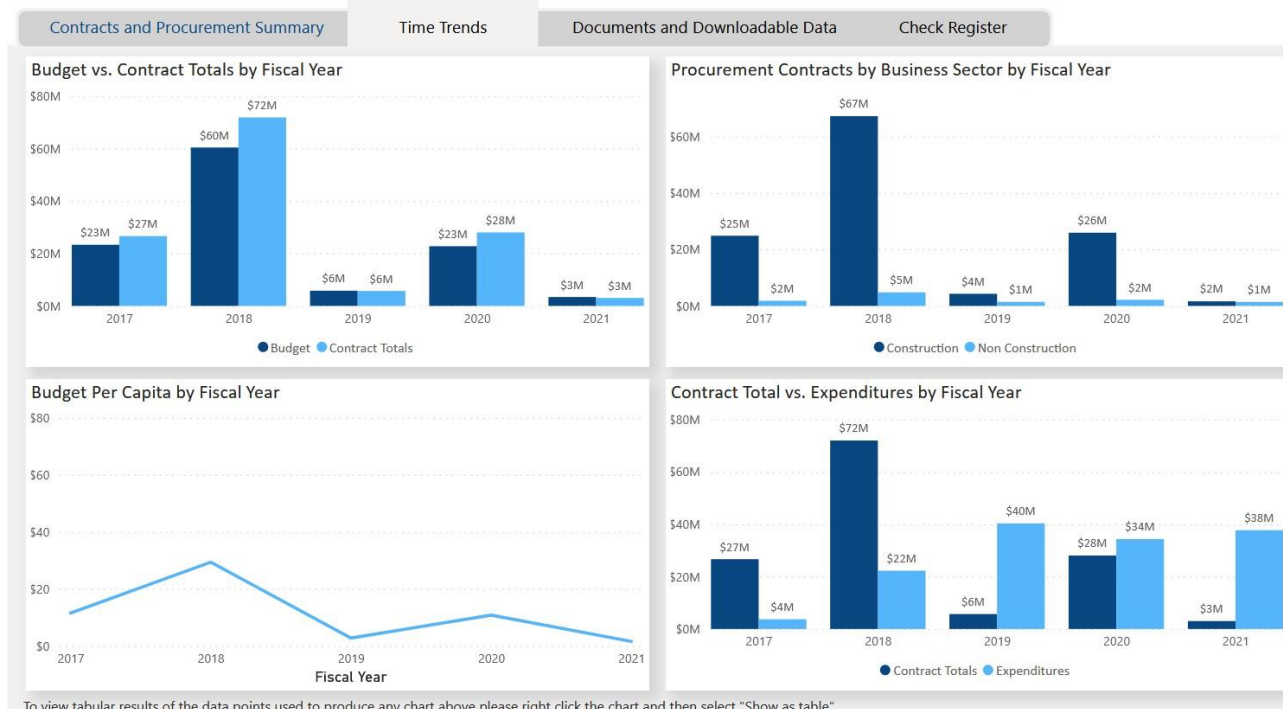
Fiscal Year	Bids Total	Contract Total	Budget	Population	Fiscal Year	Construction	Non Construction	Expenditures
2021	\$19,116,206.51	\$3,035,047.09	\$3,394,403	2,143,755	2021	\$1,627,408.8	\$1,407,638.29	\$37,699,960.82
2020	\$96,616,395.86	\$28,046,354.69	\$22,785,620.07	2,108,938	2020	\$25,899,543.47	\$2,146,811.22	\$34,300,560.92
2019	\$19,239,614.82	\$5,704,883.83	\$5,795,434.2	2,092,419	2019	\$4,287,095.45	\$1,417,788.38	\$40,310,437.46
2018	\$176,251,882.92	\$71,952,563.7	\$60,469,409	2,057,926	2018	\$67,152,861.1	\$4,799,702.6	\$22,250,342.6
2017	\$86,603,067.96	\$26,643,471.22	\$23,338,613.98	2,023,985	2017	\$24,835,924.32	\$1,807,546.9	\$3,723,991.17

<https://www.trwd.com/resources/transparency/>

# Transparency Star: Contract & Procurement

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## Contracts and Procurement



<https://www.trwd.com/resources/transparency/>

# Transparency Star: Contract & Procurement

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- Contact Information

## Contracts and Procurement

Contracts and Procurement Summary
Time Trends
Documents and Downloadable Data
Check Register

BID Name	Packet	NOA	Contract	BID Tab
21-012 ITB ITB Eastern Facilities Grounds Maintenance	🔗	🔗	🔗	🔗
21-016 ITB ITB Grounds Maintenance for West Facilities	🔗	🔗	🔗	🔗
21-019 ITB ITB Flex Base Type II & 3/8 Minus Screenings Purchase for Clear Fork Trail	🔗	🔗	🔗	🔗
21-020 ITB ITB Tower Inspections FY2021	🔗	🔗	🔗	🔗
21-028 CSP CSP RC3L VFD Cooling Improvements - Construction	🔗	🔗	🔗	🔗
21-029 ITB ITB Clear Fork Concrete Trail	🔗	🔗	🔗	🔗
21-030 RFP RFP 48" Butterfly Valves	🔗	🔗	🔗	🔗
21-031-1 RFP RC1 Backup Sodium Hypochlorite Feed - Pre Purchase of Tank	🔗	🔗	🔗	🔗
21-034 ITB ITB Crawler Crane and Operator for FY21 CC Pipe	🔗	🔗	🔗	🔗
21-045 ITB ITB BB1 Roof Replacement	🔗	🔗	🔗	🔗
21-049 ITB ITB Rock/Base for CC & RC Locations	🔗	🔗	🔗	🔗
21-051-1 CSP CSP JB3 Data Center Remodel	🔗	🔗	🔗	🔗
21-052 CSP CSP LWF Trail Resurfacing Phase 2	🔗	🔗	🔗	🔗
21-068 RFP RFP Regional Water Conservation Campaign	🔗	🔗	🔗	🔗
21-069 ITB ITB Screened Top Soil For ROW Restoration	🔗	🔗	🔗	🔗
21-071 CSP CSP Admin Building Roof Replacement	🔗	🔗	🔗	🔗
21-072 ITB ITB Inlet Aprons and Bench Pads for CF Trail	🔗	🔗	🔗	🔗
21-084 ITB ITB R05 Residence Remodel - Phase 1	🔗	🔗	🔗	🔗
21-085 CSP CSP RC3 VFD Installation - Construction	🔗	🔗	🔗	🔗
21-101 ITB ITB Butterfly Valves for ROW	🔗	🔗	🔗	🔗
21-105 ITB ITB Top Soil for Weise Property Section 14 IPL	🔗	🔗	🔗	🔗
21-106 ITB ITB Purchase and Delivery of Chemicals for JCC1	🔗	🔗	🔗	🔗
21-116 ITB ITB RC3H Roofing Membrane Placement and AO1 Roof Replacement	🔗	🔗	🔗	🔗
21-118 CSP CSP Demolition & Asbestos Abatement of Former Police and Fire Training Towers	🔗	🔗	🔗	🔗
21-120 ITB ITB RCOP Rip Rap For Erosion at RCWL	🔗	🔗	🔗	🔗
21-125 ITB ITB Rock for FY22 CC Pipe Replacement	🔗	🔗	🔗	🔗

**Filter documents by fiscal year**

2021

2020

2019

---

**Other Information**

- [Closed Solicitations.xlsx](#) 🔗
- [Current opportunities](#) 🔗
- [Dictionary of terms](#) 🔗
- [General Accounting Standards Board](#) 🔗
- [Government Code - Chapter 2254](#) 🔗
- [Government Code - Chapter 2269](#) 🔗
- [Local Government Code - Chapter 252](#) 🔗
- [Open Contracting and Bidding Opportunities.xlsx](#) 🔗
- [Procurement Manual.pdf](#) 🔗
- [TRWD Purchasing Officer Contact Information.pdf](#) 🔗
- [Vendor Registration](#) 🔗
- [Water Code - Chapter 49](#) 🔗

<https://www.trwd.com/resources/transparency/>

# Transparency Star: Contracts & Procurement

Examples of Other Local Organizations that have received the Contracts & Procurement Star:

- Tarrant County
- City of Arlington
- City of Denton
- City of Keller
- City of Plano
- Frisco ISD
- Garland ISD
- White Settlement ISD

Entity Name	Entity Type	Traditional Finances	Contracts & Procurement	Economic Development	Public Pensions	Debt Obligations
Bandera County River Authority & Groundwater District	SPD	★ View site				
Barton Springs/Edwards Aquifer Conservation District	SPD	★ View site				
Corpus Christi Regional Transportation Authority	SPD	★ View site				
Denton County Transportation Authority	SPD	★ View site				
El Paso County ESD #2	SPD	★ View site				
Fort Bend County MUD No. 47	SPD	★ View site				
Guadalupe-Blanco River Authority	SPD	★ View site				
Harris County Appraisal District	SPD	★ View site				
Harris County Department of Education	SPD	★ View site	★ View site			★ View site
Hidalgo County Regional Mobility Authority	SPD	★ View site				★ View site
Metropolitan Transit Authority of Harris County	SPD	★ View site			★ View site	★ View site
Montgomery County Hospital District	SPD	★ View site				
North Texas Municipal Water District	SPD	★ View site				★ View site
North Texas Tollway Authority	SPD	★ View site				★ View site
Port of Houston Authority	SPD	★ View site			★ View site	★ View site
San Antonio River Authority	SPD	★ View site				★ View site
Tarrant Regional Water District	SPD	★ View site	★ View site			★ View site

# Staff Update

---

## Public Affairs Update

Chad Lorance, *Public Affairs Officer*



## A long history of providing outstanding service to the public.

Whether it's ensuring a reliable, sustainable water supply, vital flood protection or outstanding recreational opportunities, our goal is to enrich the lives of the people in the communities where we work, live and play.



*Enriching Communities. Improving the Quality of Life.*



## A long history of providing outstanding service to the public.

Whether it's ensuring a reliable, sustainable water supply or providing outstanding recreational opportunities, our goal is to serve the people in the communities where we work, live and play.

We care about what you think.

Please take our brief survey and share your opinions of our website.

TAKE SURVEY

*Enriching Communities. Improving the Quality of Life.*





## TRWD.com Website Feedback Template

1. How easy is it to find information you are looking for on trwd.com?

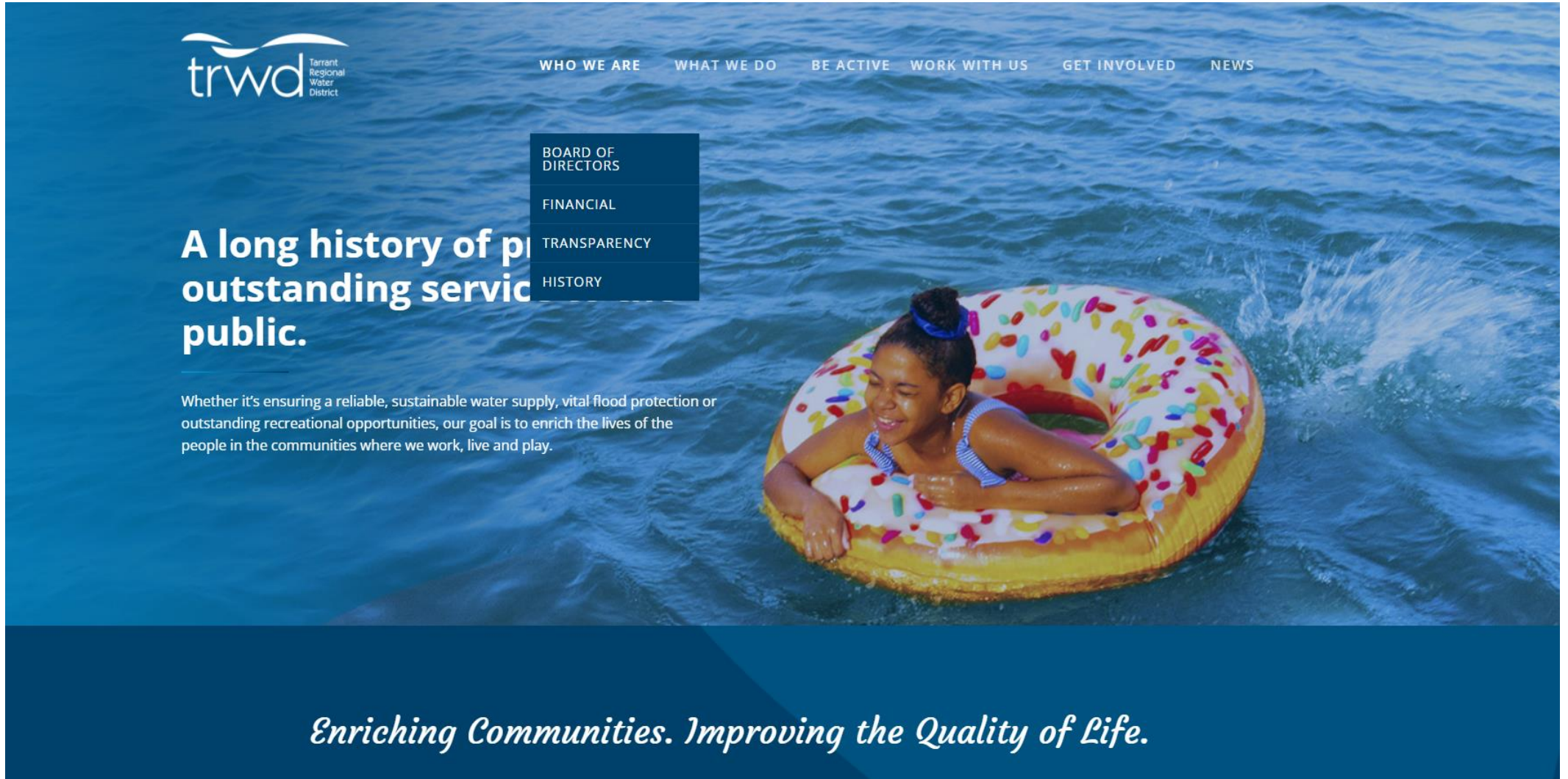
- Extremely easy
- Very easy
- Somewhat easy
- Not so easy
- Not at all easy

2. Did it take you more or less time than you expected to find what you were looking for on trwd.com?

- A lot less time
- A little less time
- About what I expected
- A little more time
- A lot more time



# TRWD Website





**Leah M. King**  
**President**

[Contact](#)



**James Hill**  
**Vice President**

[Contact](#)



**Jim Lane**  
**Secretary**

[Contact](#)



**Marty Leonard**  
**Board Member**

[Contact](#)



**Mary Kelleher**  
**Board Member**

[Contact](#)

817-720-4280

## Board Members

The next board meeting is scheduled for **March 22 at 9:00 AM**

[BOARD RESOURCES](#)

[TRANSPARENCY RESOURCES](#)





# Transparency

Overview

**Traditional Finances**

Contracts and Procurement

Economic Development

Debt Obligations

Public Pensions

Contact Information

## Traditional Finances



Financial Summary

Annual Budget Reports

Comprehensive Annual Financial Reports

Check Registers

Time Trends

The District has two main funds, the General Fund for flood protection and recreation purposes, and the Enterprise Fund for raw water sales. The General Fund receives property tax revenue from a designated flood protection district, and included in the General Fund are a Recreation Fund and a Special Projects/Contingency Fund (beginning in FY2020). The Enterprise Fund includes an annual operating fund, the Revenue Fund, as well as Bond Funds for large capital projects, and related Reserve and Contingency Funds.

See below for fiscal year 2021 expenses and revenues per related capita in each fund (Tarrant County Population for Enterprise Fund and the District's tax population for the General Fund), as well as the number of Full Time Equivalent Employees (FTE's).

Note that the District does not receive any sales tax revenues.

### Expenses

Source	Total	Total Per Capita
Enterprise Fund	\$116,674,851	\$54.43
General Fund	\$27,530,224	\$62.05
<b>Total</b>	<b>\$144,205,075</b>	

### Property Taxes

Source	Total	Total Per Capita
Property Taxes - General Fund	\$23,089,003	\$52.04

### Revenues

Source	Total	Total Per Capita
Enterprise Fund	\$167,436,260	\$78.10
General Fund	\$42,199,640	\$95.12
<b>Total</b>	<b>\$209,635,900</b>	

### Full Time Equivalent Employees

418



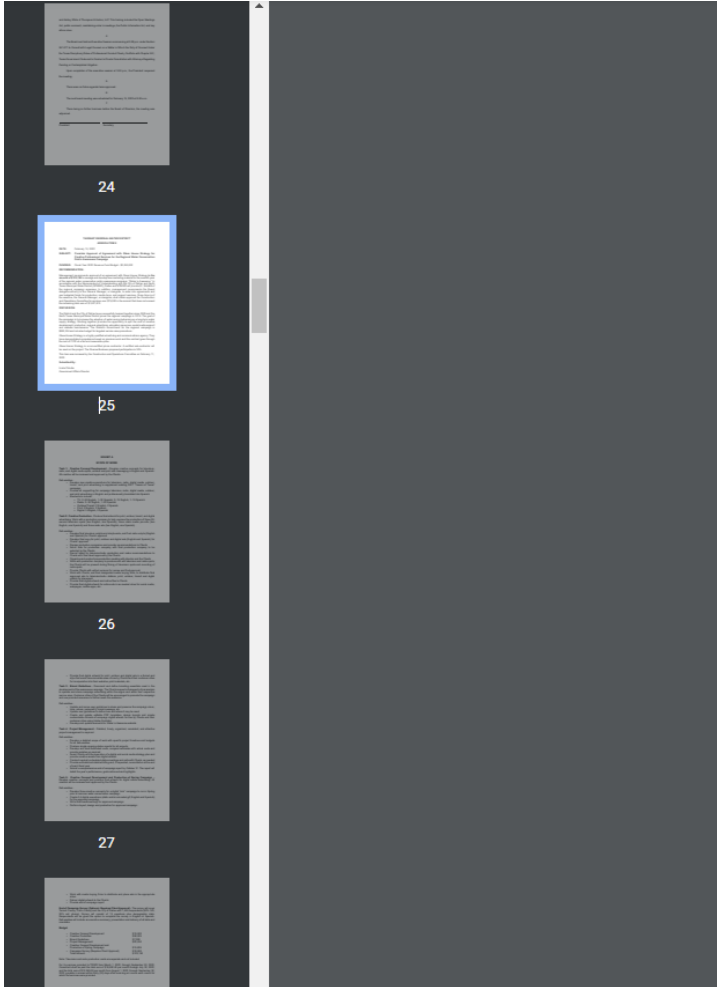


- [TRWD Budget](#)
- [TRWD Energy Use](#)
- [TRWD Financial Statements](#)
- [TXP Inc. TIF 9 Report](#)

## TRWD Budget

[2022 TRWD Budget – Revenue, General, and Contingency Fund](#)  
[2021 TRWD Budget – Revenue and General Fund](#)





**TARRANT REGIONAL WATER DISTRICT**

**AGENDA ITEM 5**

**DATE:** February 15, 2022

**SUBJECT:** Consider Approval of Agreement with Glass House Strategy for Creative Professional Services for the Regional Water Conservation Public Awareness Campaign

**FUNDING:** Fiscal Year 2022 Revenue Fund Budget - \$2,050,002

**RECOMMENDATION:**

Management recommends approval of an agreement with Glass House Strategy **in the amount of \$122,190** to manage and develop new marketing material for the seventh year of the regional water conservation public awareness campaign, "Water Is Awesome." In accordance with the Memorandum of Understanding with the City of Dallas and North Texas Municipal Water District (NTMWD), Dallas and NTMWD will provide \$1,166,668 of the regional campaign expenses. In addition, management recommends the Board delegate authority to the General Manager, or designee, to enter into agreements and use budgeted funds for production, media buys, and support services. Since time is of the essence, the General Manager, or designee, shall obtain approval the Construction and Operations Committee for services over \$75,000 in the amount that does not exceed the remaining total sum of \$1,927,812.

**DISCUSSION:**

The District and the City of Dallas have successfully teamed together since 2009 and the North Texas Municipal Water District joined the regional campaign in 2019. The goal of the campaign is to increase the adoption of water saving behaviors as a long-term water supply strategy. Working together provides the opportunity to split the cost of creative development, production, regional advertising, education resources, social media support and website maintenance. The District's commitment for the regional campaign is \$883,334 and includes budget for targeted service area promotions.

Glass House Strategy is a highly qualified advertising and communications agency. They have demonstrated competence based on previous work and this contract goes through the rest of FY22 at a fair and reasonable price.

Glass House Strategy is a non-certified prime contractor. A certified sub-contractor will be used on the project. The Diverse Business proposed participation is 30%.



# Stay connected with TRWD!

Sign up for our newsletter!

SUBSCRIBE NOW!

# TRWD News Blog

WATER SUPPLY · FLOOD PROTECTION · RECREATION



WHO WE ARE WHAT WE DO BE ACTIVE WORK WITH US GET INVOLVED NEWS



## TRWD General Manager Dan Buhman featured in Municipal Water Leader Magazine

News, Upstream Operations

TRWD's General Manager, Dan Buhman, was featured on the cover of the March issue of the Municipal Water Leader Magazine. "In our cover interview, Mr. Buhman brings us news of..."

[Read More](#)

March 10, 2022



## TRWD to host Open House Feb 1 for Eagle Mountain Spillway Project

News

Innovative measures will extend the life of the 90-year old dam This spring the Tarrant Regional Water District (TRWD) will build a 265-foot-long wall into the Eagle Mountain Lake Spillway...

[Read More](#)

January 30, 2022

## A Trinity Trails Love Story

News, Uncategorized

Some people use the Trinity Trails as a place to connect. Some people use the Trinity Trails as



## Stephen L. Tatum, Jr. named TRWD general counsel

News, Upstream Operations

The Tarrant Regional Water District (TRWD) has hired Stephen L. Tatum, Jr. as its first in-house general counsel, General Manager Dan Buhman announced today. Tatum began serving in his new...

[Read More](#)

February 23, 2022



## TRWD to expand water storage facility in Kennedale

News, Upstream Operations

New facility will improve operational flexibility and water quality From above, the Kennedale Balancing Reservoir looks like a kitchen sink. The reservoir is currently split down the middle like a...

[Read More](#)

February 8, 2022



## Trinity River Vision/Central City Flood Control Project receives \$403 million in funding

News, Upstream Operations

Federal funding for the final design and



## TRWD water reuse projects continuing success

News, Upstream Operations

When the Tarrant Regional Water District completed the wetlands at Richland Chambers Reservoir, officials knew it would play a major role in supplying water to North Central Texas. Earlier this...

[Read More](#)

February 15, 2022



## TRWD Flyfest Returns to the Trinity River in Fort Worth on March 12

News, Recreation, Upstream Operations

TRWD Flyfest, an annual celebration of urban trout fishing, will be held on March 12 from 9 a.m. to 5 p.m. This family-friendly event, sponsored by TRWD will take place...

[Read More](#)

February 1, 2022



## Giant trash-collecting waterwheel coming to Fort Worth

News, Upstream Operations

Published originally on City of Fort Worth's



WHO WE ARE WHAT WE DO BE ACTIVE WORK WITH US GET INVOLVED NEWS



## TRWD set to build second wetlands water supply project near Cedar Creek Lake

News, Upstream Operations

In 2013, the Tarrant Regional Water District (TRWD) completed construction of a 2,000-acre wetlands facility near its Richland-Chambers Reservoir in East Texas that allows the agency to take water from...

[Read More](#)

December 21, 2021



## TRWD receives finding of "no adverse determination" from IRS related to \$61.9 in bonds for water projects

News, Upstream Operations

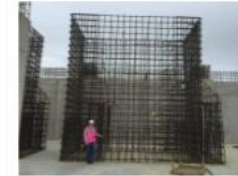
The Internal Revenue Service has closed its audit of \$61.9 million in tax-exempt bonds sold by the Tarrant Regional Water District (TRWD) without taking any adverse actions. The IRS recently...

[Read More](#)

October 26, 2021



## Statement from September 29 Board Meeting



## TRWD Asset Management Program receives recognition from international institute

News, Upstream Operations

The Tarrant Regional Water District has won an award from an international institute for how it manages its massive raw water supply system serving 2.1 million people in 70 cities...

[Read More](#)

December 2, 2021



## TRWD Partners with Cristo Rey Fort Worth College Prep Work Study Program

News, Upstream Operations

Jalyn Ochoa wants to grow up to be a social worker and she thinks her job at the Tarrant Regional Water District will help her get there. While creating excel...

[Read More](#)

October 19, 2021



## Fitch Affirms TRWD, Texas' WaterRevs at 'AA+'; Outlook Stable



## TRWD Receives Recognition for Transparency Efforts from Texas Comptroller in Debt Obligations

News, Upstream Operations

Texas Comptroller Glenn Hegar announced Tarrant Regional Water District is the latest local government to achieve specific debt transparency goals through the Comptroller's Transparency Stars program. TRWD received a Transparency...

[Read More](#)

December 16, 2021

## TRWD Trash Bash 2021: A Celebration of the Trinity River

News, Upstream Operations

A huge thank you to the 4,000 volunteers who took the time to participate in the 30th Annual TRWD Trash Bash on September 18 and 19. All your hard work...

[Read More](#)

October 19, 2021



## TRWD Receives Recognition for Transparency Efforts from Texas Comptroller in Traditional Finances

News, Upstream Operations

Texas Comptroller Glenn Hegar recently announced that the Tarrant Regional Water District (TRWD) has received a Transparency



# TRWD Social Media

**TRWD - Tarrant Regional Water District**  
February 18 at 3:44 PM · 🌐

Did you know when TRWD completes the recently announced Cedar Creek Wetlands in 2035, it will have two water reclamation facilities that together will be capable of providing an additional 188,000 acre feet of water to our supply each year?

The George W. Shannon Wetlands near Richland-Chambers was completed in 2013, and is capable of producing a yield of 100,000 acre feet/yr. The new Cedar Creek Wetlands, which will be built just west of the lake, will provide an additional 88,000 acre feet/yr of yield.

To put that in perspective, the combined wetland projects could provide more water than the annual yield of Cedar Creek Lake (175,000 acre feet/yr), as well as the combined annual yields of Lake Bridgeport and Eagle Mountain Lake (79,000 acre feet/yr). Richland-Chambers, which is the third largest lake wholly located in Texas, can provide a yield of approximately 210,000 acre feet/yr.

To learn more, go to <https://www.trwd.com/water-supply/>.



**Instagram**

Search

**trinitytrails** Message


840 posts · 6,481 followers · 714 following

**Trinity Trails Fort Worth**  
Recreation Spot  
Welcome to the official Trinity Trails Instagram!  
Share your Trinity Trails photos with us: #trinitytrails / @trinitytrails  
Managed by #TRWD  
[linktr.ee/trinitytrails](http://linktr.ee/trinitytrails)

Followed by photomango, corndog\_2323, pantherislandbrewing +5 more


Adopt-A-Ri... · TB Challenge · TRWDTV · Insight & in... · FAQ · TRWD FLYF...

POSTS · VIDEOS · TAGGED

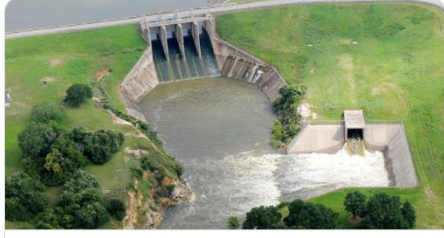


**TRWD**  
3,444 Tweets · tweets · tweets & replies · media · Likes

**TRWD @TRWD\_News · Feb 23**  
TRWD has hired Stephen L. Tatum, Jr. as its first in-house general counsel, General Manager Dan Buhman announced today.  
To learn more, go to [trwd.com/news/](http://trwd.com/news/).



**TRWD @TRWD\_News · Jan 31**  
TRWD to host Open House Feb 1 for Eagle Mountain Spillway Project Read more at





LinkedIn profile for Tarrant Regional Water District. The profile includes a header image of a water treatment facility, the company name, tagline, location, and employee count. Below the header are navigation tabs for Home, My Company, About, Posts, Jobs, People, and Videos. A featured post shows a cover of the 'Municipal Water Leader' magazine from March 2022, featuring Dan Buhman, General Manager. The post text mentions that TRWD's General Manager, Dan Buhman, was featured on the cover of the March issue of the Municipal Water Leader Magazine.

YouTube video player showing an interview with Craig Otman, TRWD Water Resources Engineer. The video frame shows Craig in an office setting with a computer monitor displaying a weather forecast. A blue banner at the bottom of the video identifies him as CRAIG OTMAN, TRWD WATER RESOURCES ENGINEER. Below the video frame, the text reads: 'An Invaluable Partnership Makes Us Better'.

# Staff Update

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## Water Resources Update

Rachel Ickert, *Chief Water Resources Officer*

21MAR2022 0700 (MON) - 22MAR2022 0700 (TUE) CDT Duration: 24-Hours

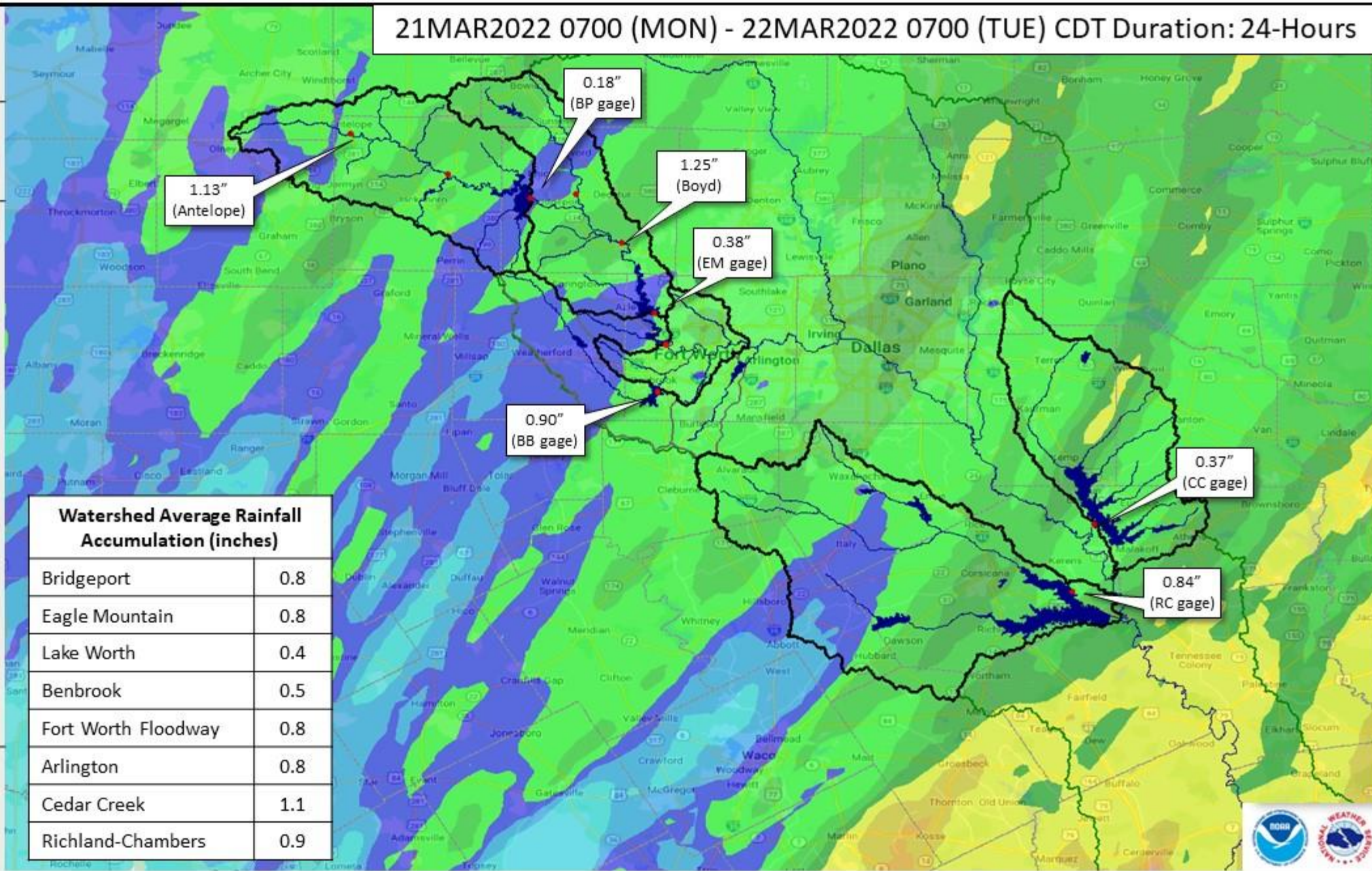
# Rainfall Accumulation



## LEGEND



Precipitation totals are obtained from NOAA's NWS. The totals displayed are estimated by the WGRFC. The data is processed and displayed using USACE Met-Vue software



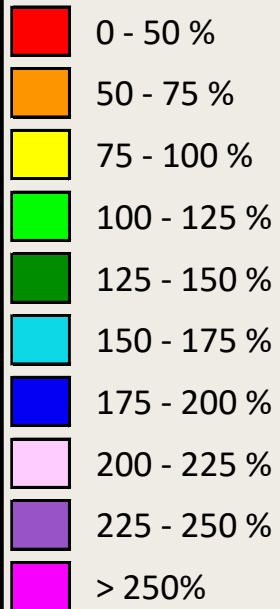
Watershed Average Rainfall Accumulation (inches)	
Bridgeport	0.8
Eagle Mountain	0.8
Lake Worth	0.4
Benbrook	0.5
Fort Worth Floodway	0.8
Arlington	0.8
Cedar Creek	1.1
Richland-Chambers	0.9



# Percent of Normal Rainfall

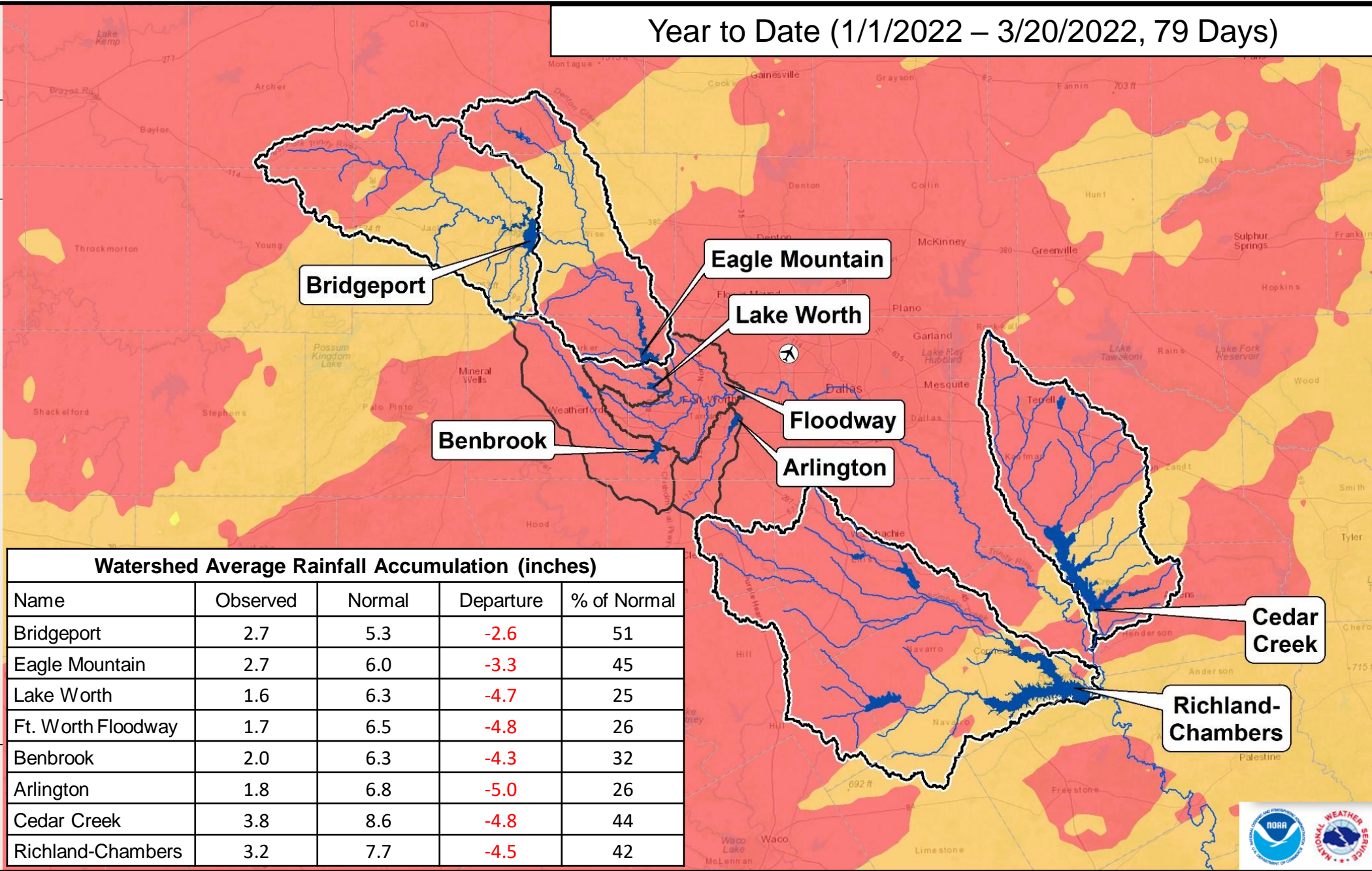


## LEGEND



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 (1/1/2022 – 3/20/2022, 79 Days)

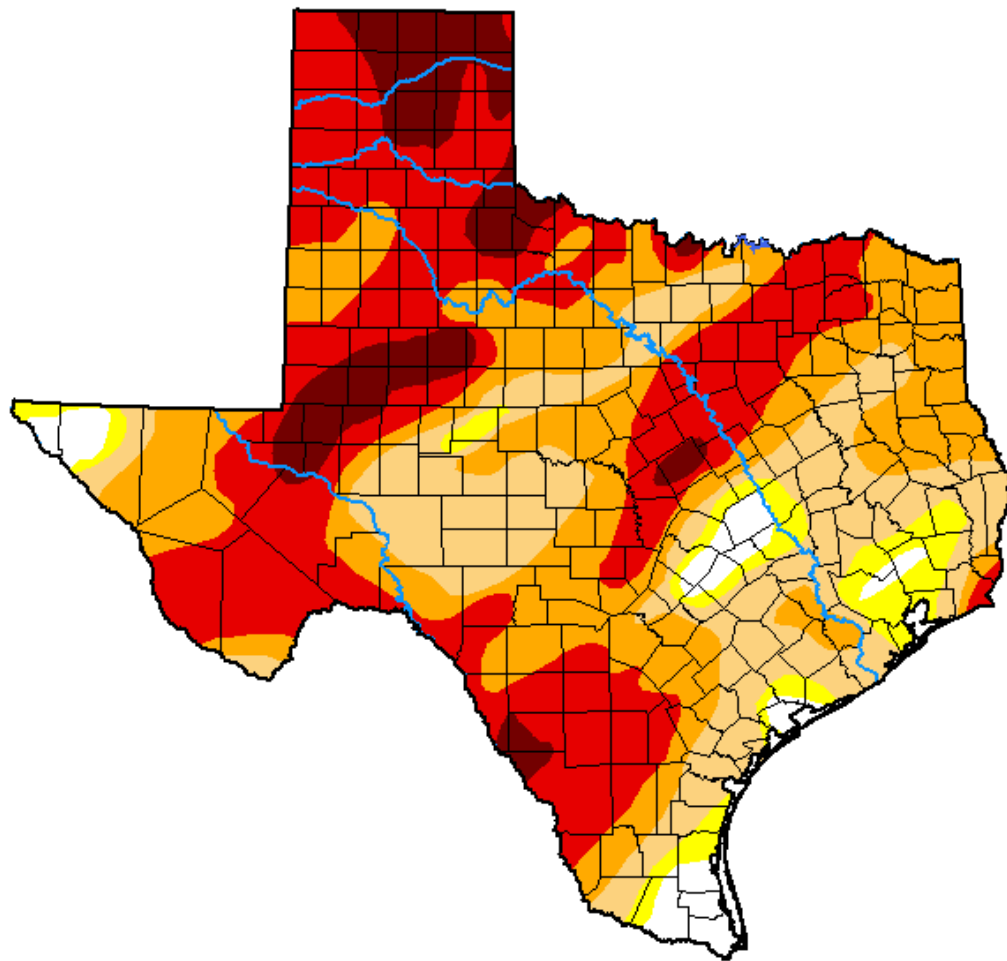


Watershed Average Rainfall Accumulation (inches)				
Name	Observed	Normal	Departure	% of Normal
Bridgeport	2.7	5.3	-2.6	51
Eagle Mountain	2.7	6.0	-3.3	45
Lake Worth	1.6	6.3	-4.7	25
Ft. Worth Floodway	1.7	6.5	-4.8	26
Benbrook	2.0	6.3	-4.3	32
Arlington	1.8	6.8	-5.0	26
Cedar Creek	3.8	8.6	-4.8	44
Richland-Chambers	3.2	7.7	-4.5	42



# U.S. Drought Monitor Texas

**March 15, 2022**  
(Released Thursday, Mar. 17, 2022)  
Valid 8 a.m. EDT



*Drought Conditions (Percent Area)*

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	3.69	96.31	91.22	70.13	41.20	8.63
<b>Last Week</b> <i>03-08-2022</i>	3.95	96.05	89.93	68.43	36.38	6.39
<b>3 Months Ago</b> <i>12-14-2021</i>	14.49	85.51	57.71	23.51	0.50	0.00
<b>Start of Calendar Year</b> <i>01-04-2022</i>	7.58	92.42	79.83	54.25	16.69	0.00
<b>Start of Water Year</b> <i>09-28-2021</i>	45.57	54.43	7.26	0.27	0.00	0.00
<b>One Year Ago</b> <i>03-16-2021</i>	9.44	90.56	68.40	37.10	18.41	6.24

Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>*

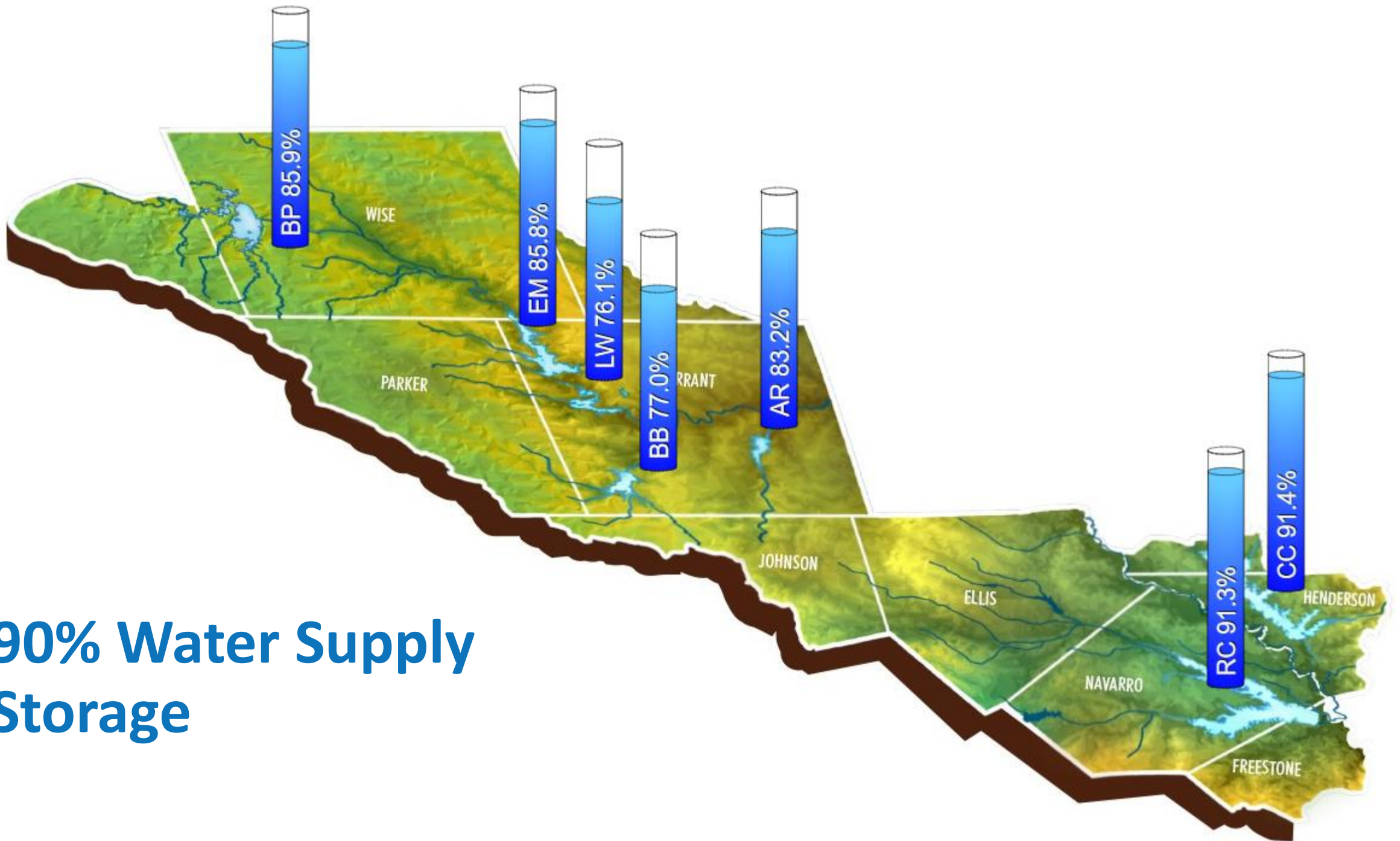
Author:

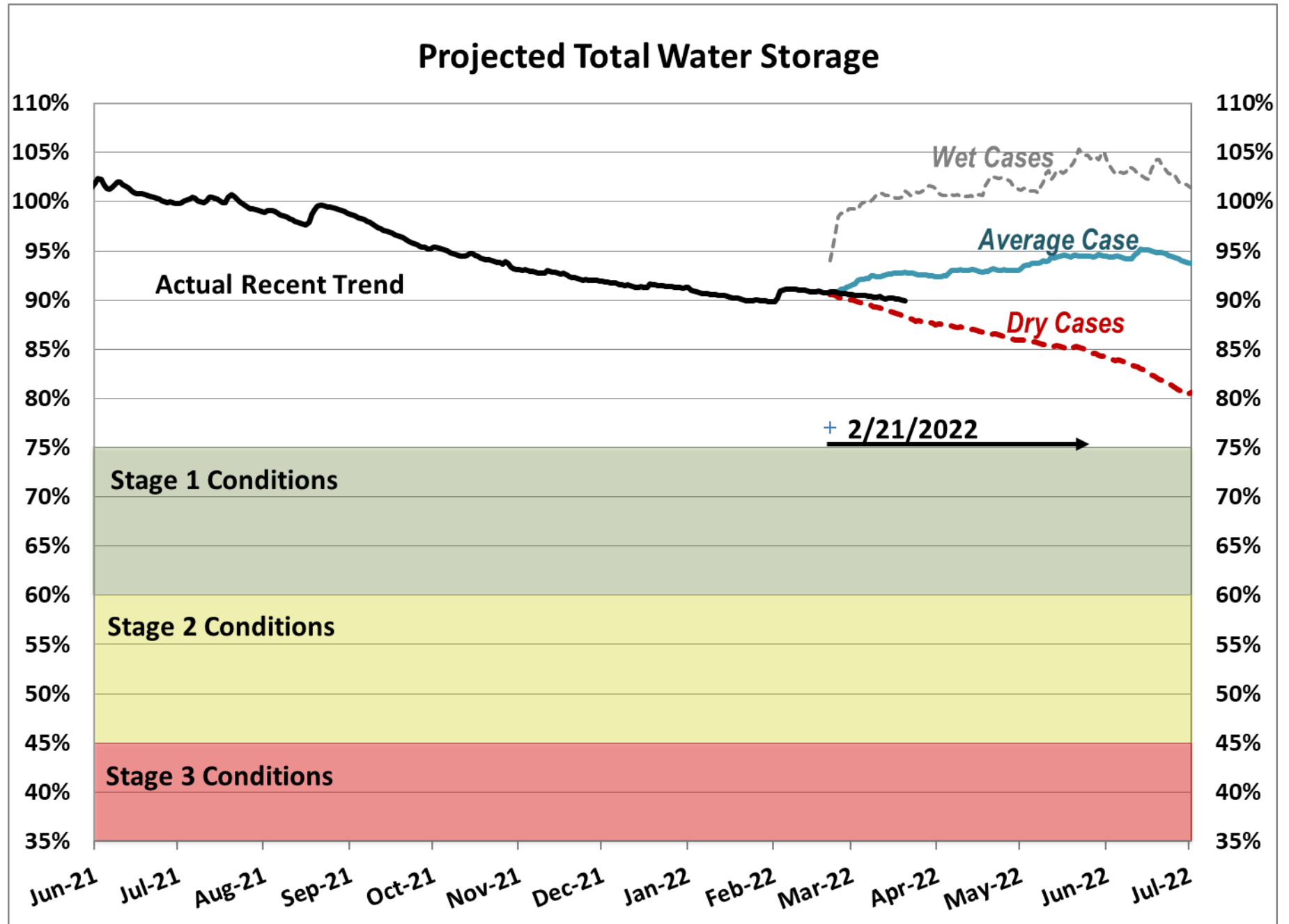
Adam Hartman  
NOAA/NWS/NCEP/CPC





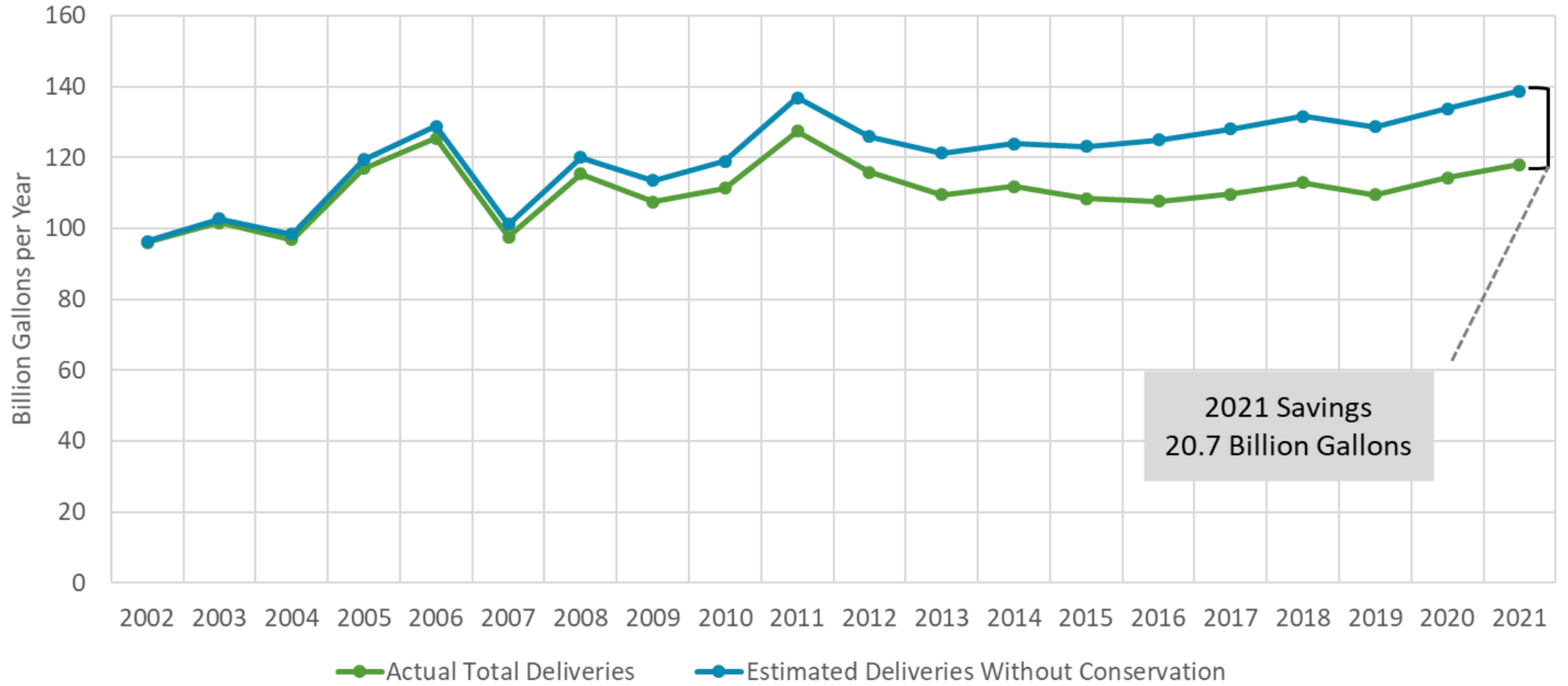
# 90% Water Supply Storage





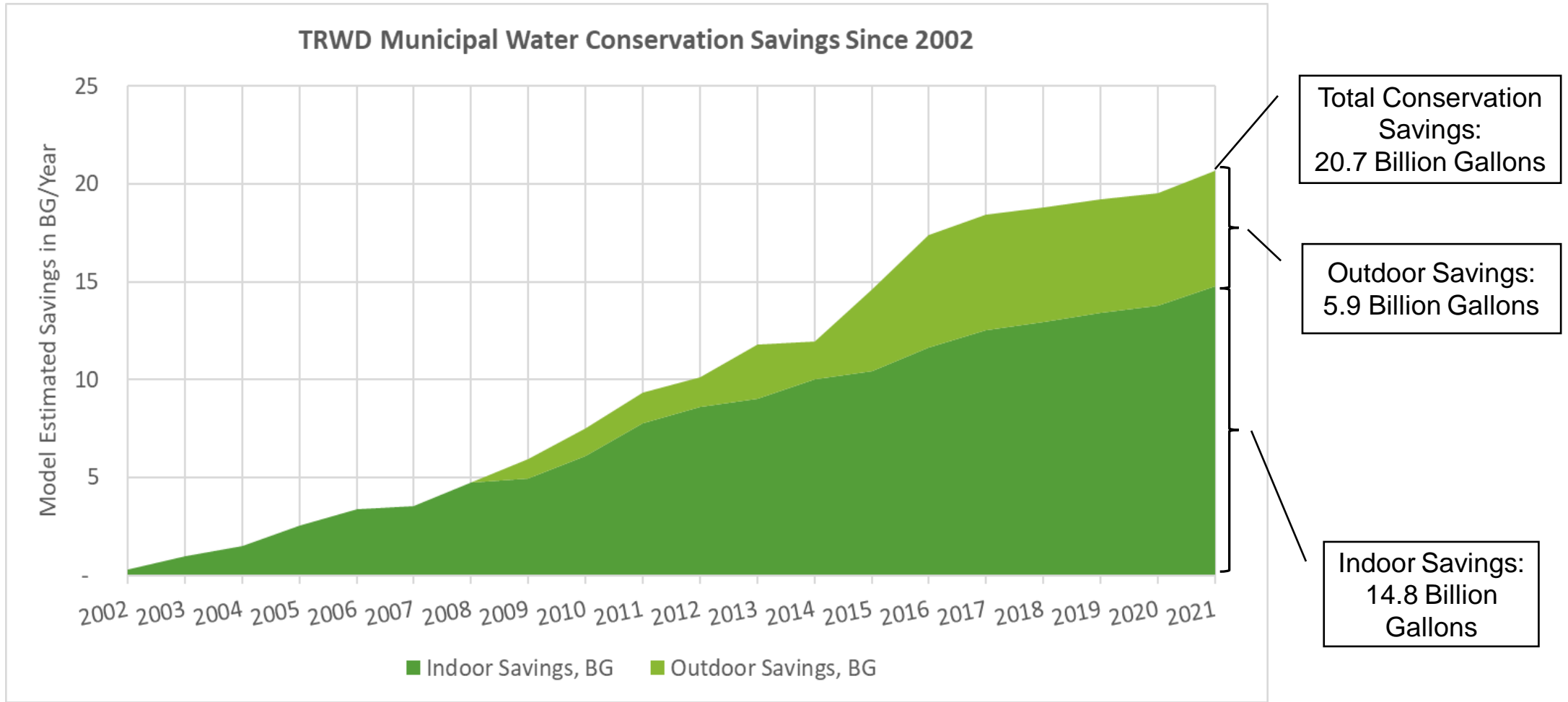


Actual Municipal Deliveries vs Estimated Municipal Deliveries without Conservation



**TRWD Population Served**

- 2018 – 2.14 million
- 2019 – 2.18 million (+1.9%)
- 2020 – 2.22 million (+2.0%)
- 2021 – 2.28 million (+2.4%)



2021 Total Volume Provided to Municipal Customers = 118 Billion Gallons

2021 Conservation Savings = 18% of Total Municipal Customer Demand



# 19

## Executive Session

# 20

Consider Approval and Adoption of the Following Proposed Board Policies to be Effective April 1, 2022: Purchasing and Procurement Policy; Fair Opportunities Purchasing and Contracting Policy

*Lisa Cabrera, Chief Human Resources Officer*

# BOARD GOVERNANCE POLICIES

This is how the Board governs itself.

**COMPLETED NOV. 1**



## BOARD-ADOPTED POLICIES

This is how the Board exercises its governance over operations of the District.

- Financial
- Public Information
- Records Management
- Human Resources
- Operations
- IT



## ADMINISTRATIVE PROCEDURES

This is how Staff executes Board-adopted Policies.

- Presented to the Board
- Posted to the website



# 21

## Future Agenda Items





**22**

**Next Board Meeting  
April 19, 2022 at 9:00 AM**





# 23

## Adjourn