



Board of Directors Meeting

December 17, 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 Meeting
Held on November 19, 2024**

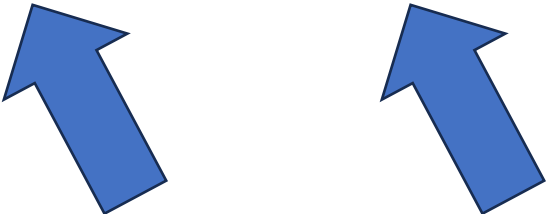
Item 4:

Consider Approval of Contract with Freese and Nichols, Inc. for Consulting Services for Development of Project Management Standard Operating Procedures for Construction Projects

Jason Gehrig, Infrastructure Engineering Director



Project Manager Standard Operating Procedures (SOPs) for Construction



Section 0
General Administration

Phase 1
Pre- Design Phase

Phase 2
Design Phase

Phase 3
Procurement Phase

Phase 4
Construction Phase

Phase 5
Post Construction Phase

Project Management SOP Benefits



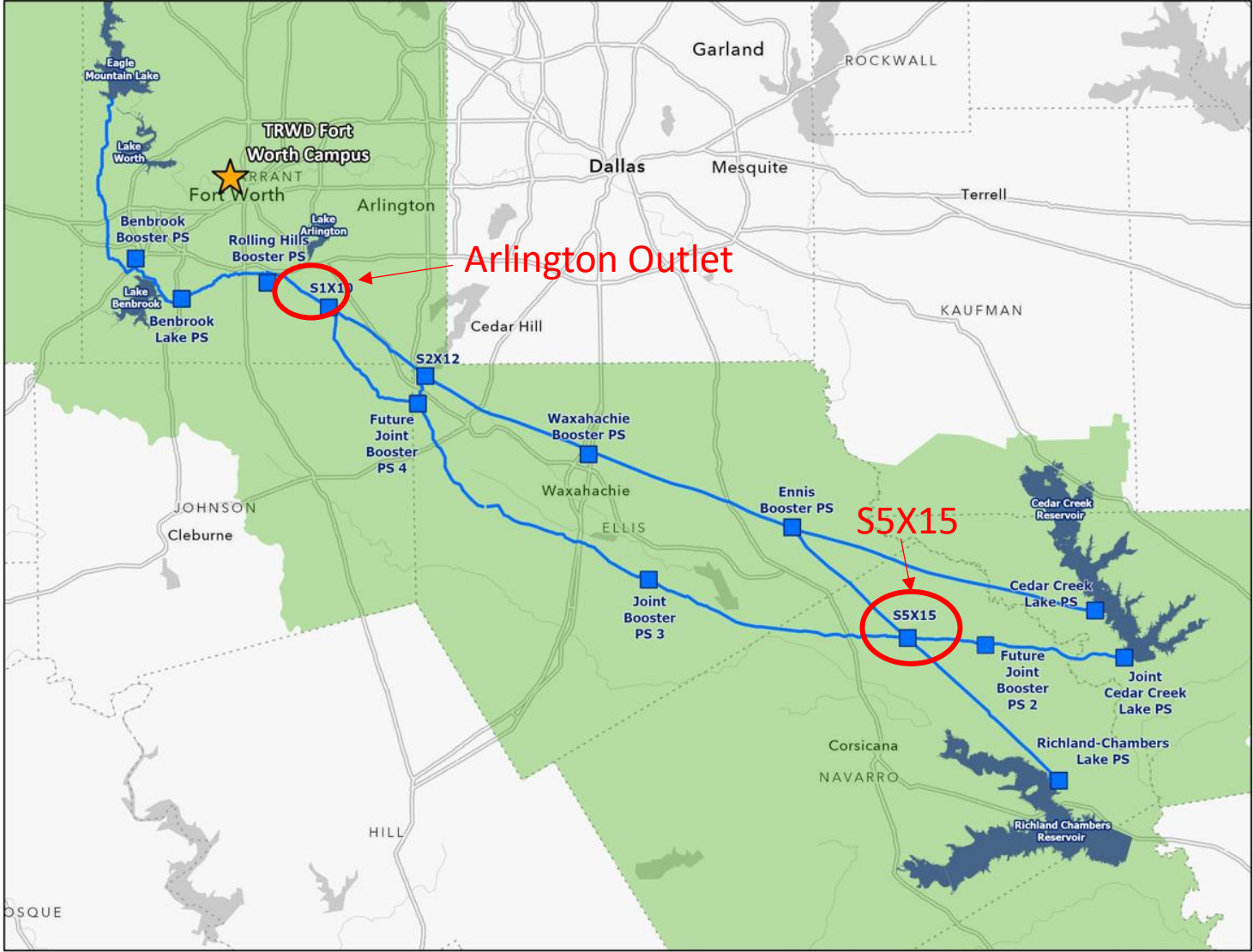


Item 5:

Consider Approval of Purchase from Ross Valve Manufacturing Company for Two Multiple Orifice Valves and Actuators

Darrell Beason, Chief Operations Officer

Multiple Orifice Valves and Actuators For Arlington Outlet and S5x15 Interconnect



Item 6:

**Consider Approval of Purchase from Huffman
Communications Sales, Inc. for a Prefabricated
Concrete Control Building**

Darrell Beason, Chief Operations Officer

Consider Purchase of Prefabricated Concrete Building

Eagle Mountain Spillway



Consider Purchase of Prefabricated Concrete Building

Eagle Mountain Spillway



Consider Purchase of Prefabricated Concrete Building

Eagle Mountain Spillway



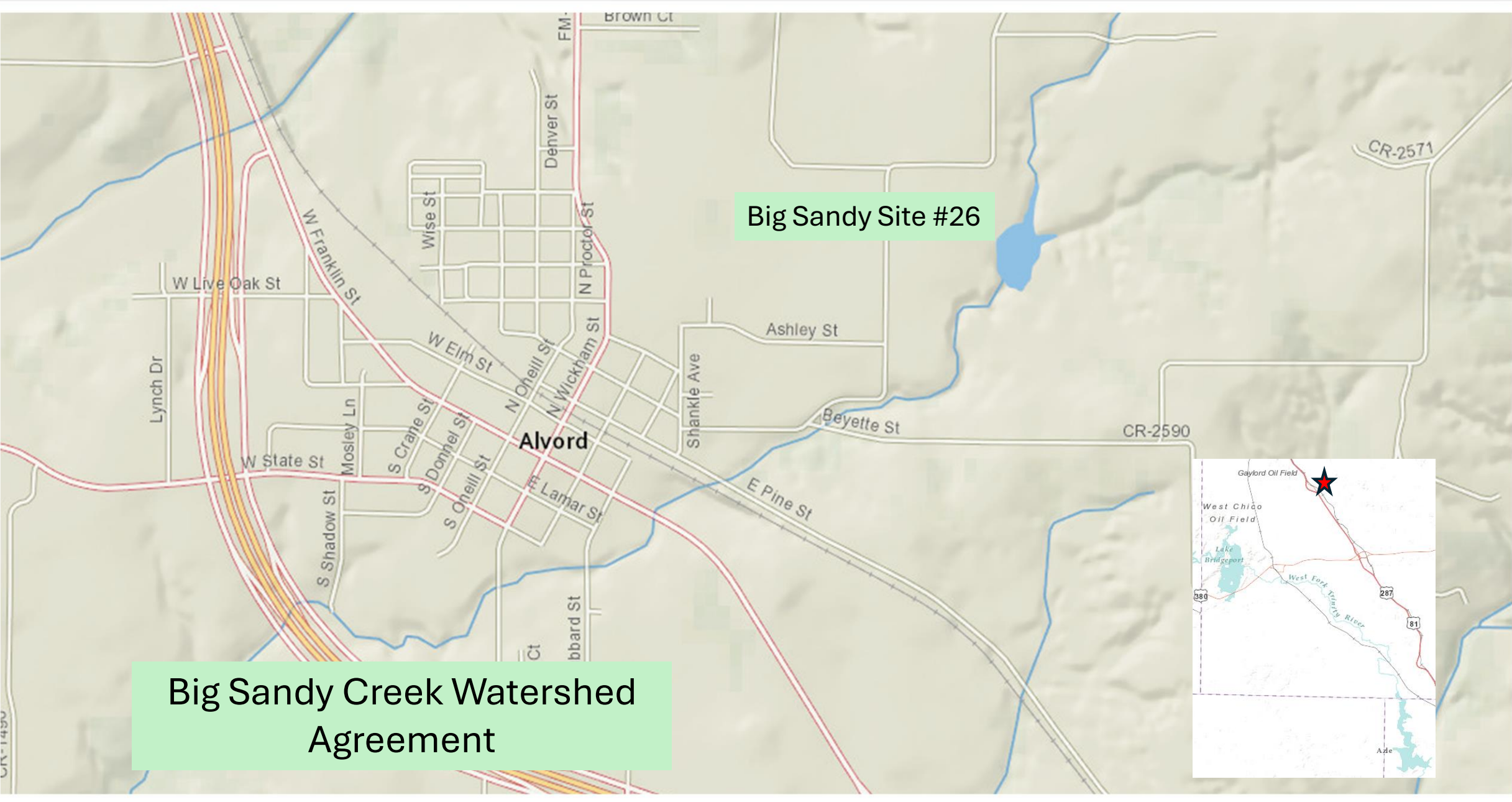
Item 7:

Consider Approval of Draft Supplemental Watershed Plan and Environmental Assessment for the Rehabilitation of Floodwater Retarding Structure No. 26 of the Big Sandy Creek Watershed Above Eagle Mountain

Darrel Andrews, Environmental Director

Big Sandy Site #26

Big Sandy Creek Watershed Agreement





Item 8:

Consider Authorizing the General Manager to Sign Landowners' Petition Requesting Establishment of an Operating Public Improvement District for Panther Island

Kate Beck, Central City Flood Control Program Director

Panther Island O-PID

Draft 5 Year Budget

DRAFT Panther Island O-PID Budget

Public Participation?	Yes
Tax Rate (Public)	0.165

TRWD Assessment:
\$146,451

General maintenance
of canals, bridges,
green infrastructure,
landscaping, specialty
lighting and trash
pick-up

		BUDGET FORECAST									
		2026		2027		2028		2029		2030	
Private Taxable Value:		109,842,285		115,334,399		126,867,839		139,554,623		160,487,817	
YoY Growth				5.00%		10.00%		10.00%		15.00%	
Revenues											
PRIVATE ASSESSMENTS		181,361	52.6%	190,429	53.3%	209,471	55.2%	230,419	57.1%	264,981	60.0%
Assessed Value		163,341	47.4%	166,608	46.7%	169,940	44.8%	173,339	42.9%	176,805	40.0%
TRWD Assessment		146,451		149,380		152,368		155,415		158,523	
TCC Assessment		15,499		15,809		16,125		16,448		16,777	
CoFW Assessment		663		676		690		703		717	
Tarrant County Assessment		728		742		757		772		788	
CoFW Parks Department		0		0		0		0		0	
Other Public Assessment		0		0		0		0		0	
Total Budgeted Revenues		344,701		357,036		379,411		403,757		441,787	
Use of Fund Balance		0		0		0		0		0	
Total Revenues Available for Use		344,701		357,036		379,411		403,757		441,787	
Expenses											
Management Fee		115,000	35.2%	126,500		139,150		153,065		168,372	
Operation & Maintenance		107,000	32.7%	144,000		151,200		158,760		166,698	
Security		30,000	9.2%	33,000		36,300		39,930		43,923	
Marketing		15,000	4.6%	17,250		19,838		22,813		26,235	
Public Events		10,000	3.1%	11,000		12,100		13,310		14,641	
Reserve Funding		40,000	12.2%	7,500		7,500		0		0	
City Audit		3,000	0.9%	3,000		3,000		3,000		3,000	
City Administrative Fee (2.0%)		6,894	2.1%	7,141		7,588		8,075		8,836	
Total Budgeted Expenses		326,894		349,391		376,676		398,953		431,704	
Contribution to Fund Balance		17,807		7,646		2,736		4,804		10,082	
Total Expenses		344,701		357,036		379,411		403,757		441,787	
Net Change in Fund Balance		17,807		7,646		2,736		4,804		10,082	
Estimated Fund Balance (BOY)		40,000		57,807		65,453		68,188		72,992	
Estimated Fund Balance (EOY)		57,807		65,453		68,188		72,992		83,075	
Reserve Requirement (16.67% of FY BE)		58,232		62,779		66,492		71,951		71,951	
Over (Under) Reserve		(424)		2,674		1,696		1,042		11,124	

Panther Island O-PID

Process & Timeline

Item	Date
PID Background Documents	
1. Draft PID boundary	July 2024
2. Draft Petition Documents	Oct 2024
PID Petition	
1. Property Owner Signatures	Dec 2024
2. Verification Process	March 2025
2. Execute Exempt Entity Agreements	March 2025
First Public Hearing	
1. Hearing to Consider Establishment and Adopt Resolution Authorizing Establishment of the PID	April 2025
2. City sends TAD signed Resolution Establishing the PID	May 2025
Second Public Hearing	
1. Hearing to approve Service and Assessment Plan (SAP) and to Levy Assessment	Aug 2025

Panther Island O-PID

Today's Action

1. Consider authorizing the General Manager to sign the landowners' petition requesting establishment of an O-PID for Panther Island.

Questions?



Item 9:

Consider Adoption of Recreation Master Plan

Darrell Beason, Chief Operations Officer

Recreation Master Plan

December 17, 2024

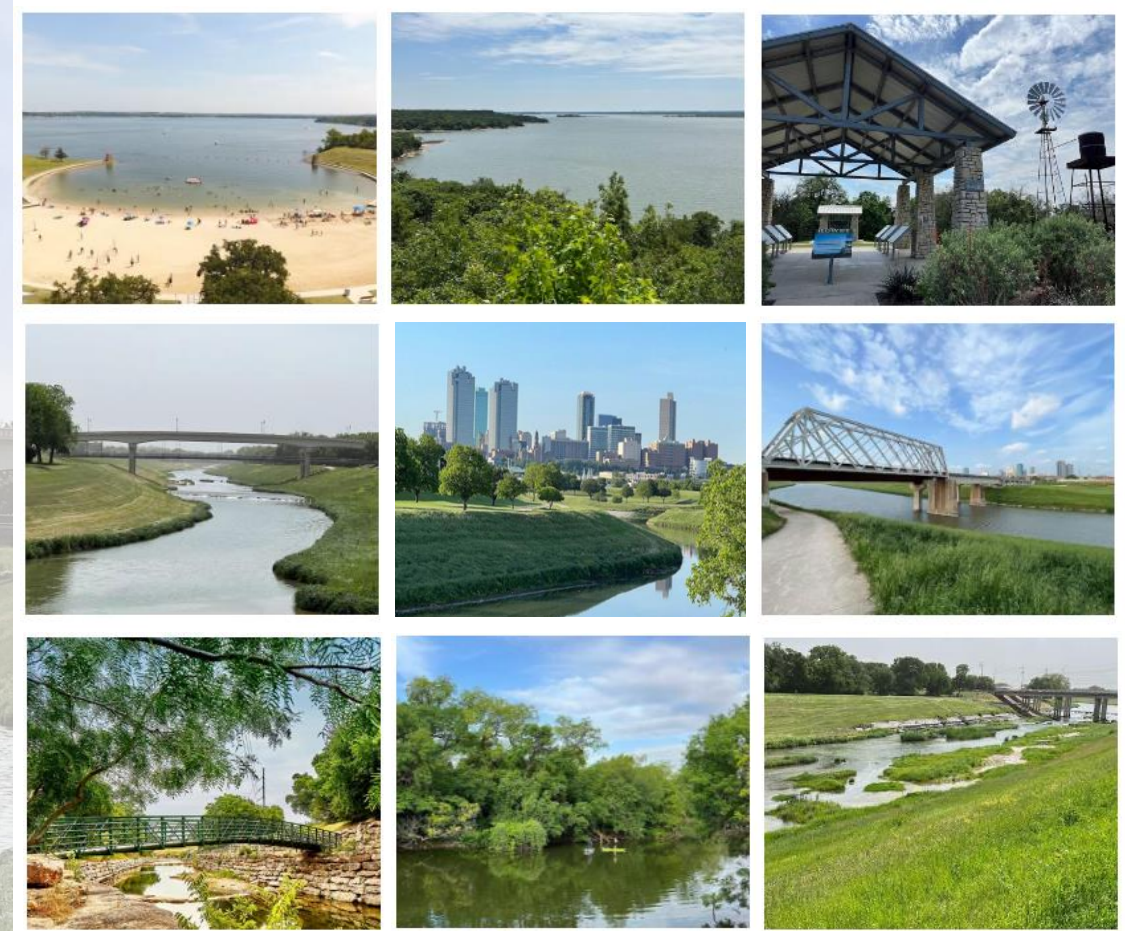


Purpose

A group of cyclists is riding on a paved path. In the foreground, a cyclist in a white jersey and black shorts is riding a road bike. In the background, three other cyclists in red and black jerseys are riding further down the path. A bridge is visible in the distance under a clear sky.

**ALIGNMENT OF :
TRWD BOARD
TRWD STAFF
STAKEHOLDERS
PUBLIC**

Assessed Existing Conditions



Community Input

PUBLIC MEETING DATES

Hope Church
June 1, 2023

Light House Fellowship
June 6, 2023

River Oaks
Community Center
June 8, 2023

Northwest Library
June 15, 2023

Westworth Village
City Hall
June 20, 2023

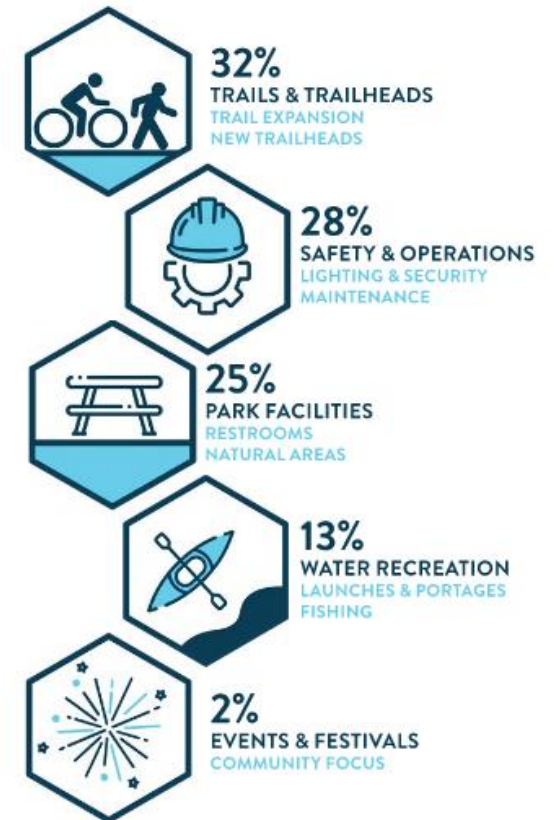
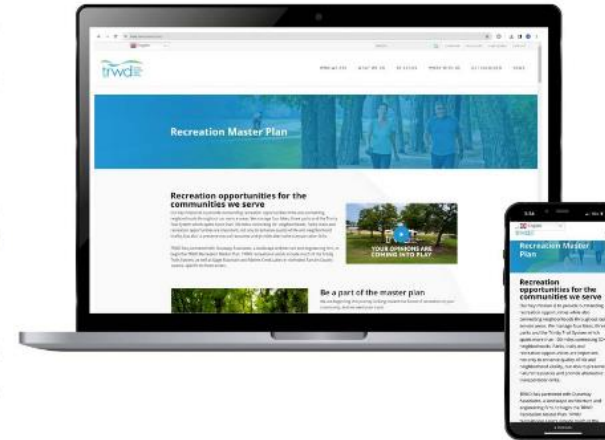
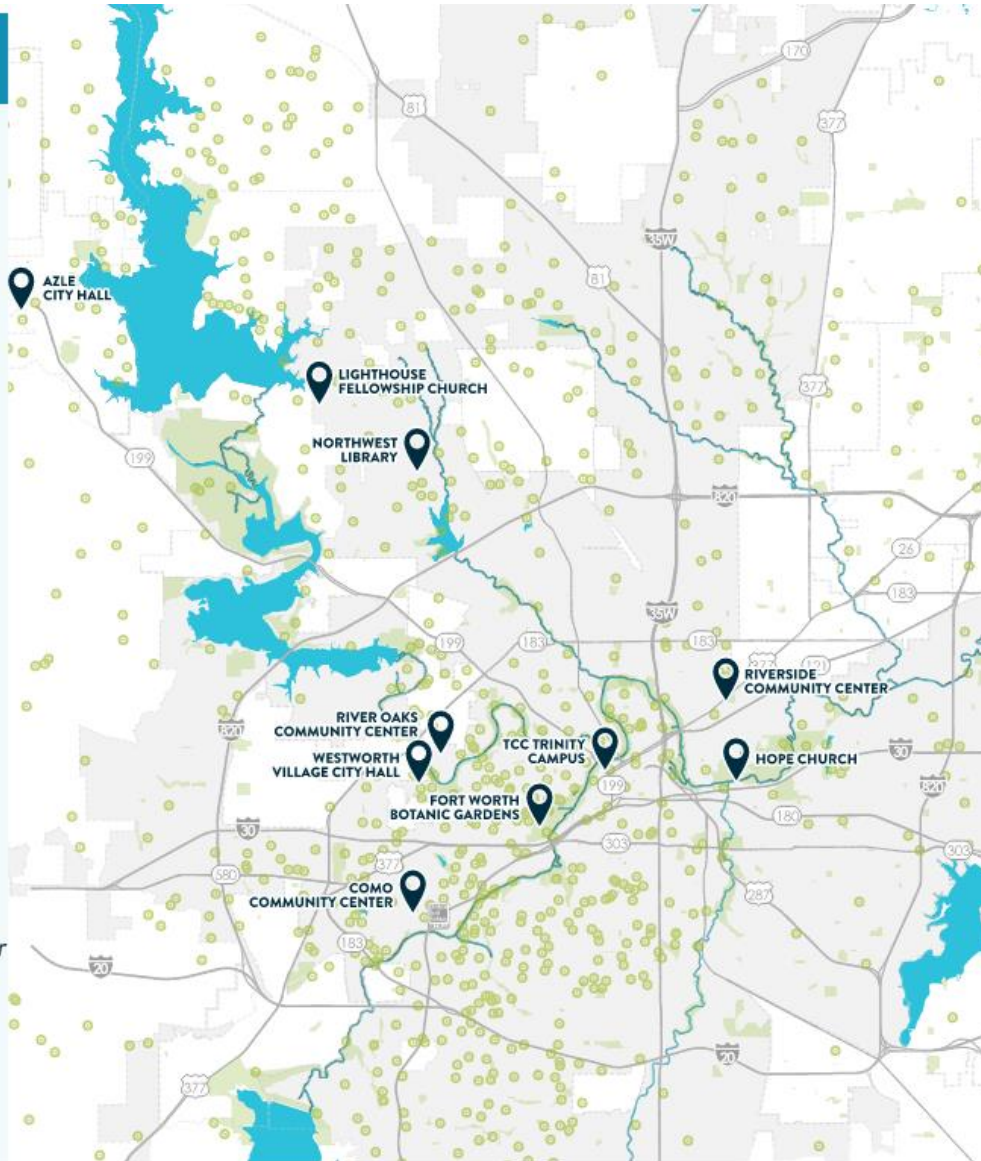
TCC - Trinity River
Campus
June 29, 2023

Azle City Hall
June 29, 2023

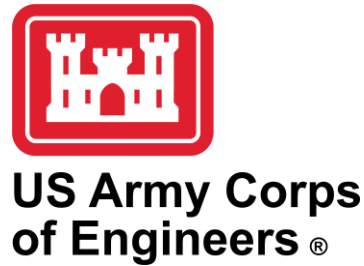
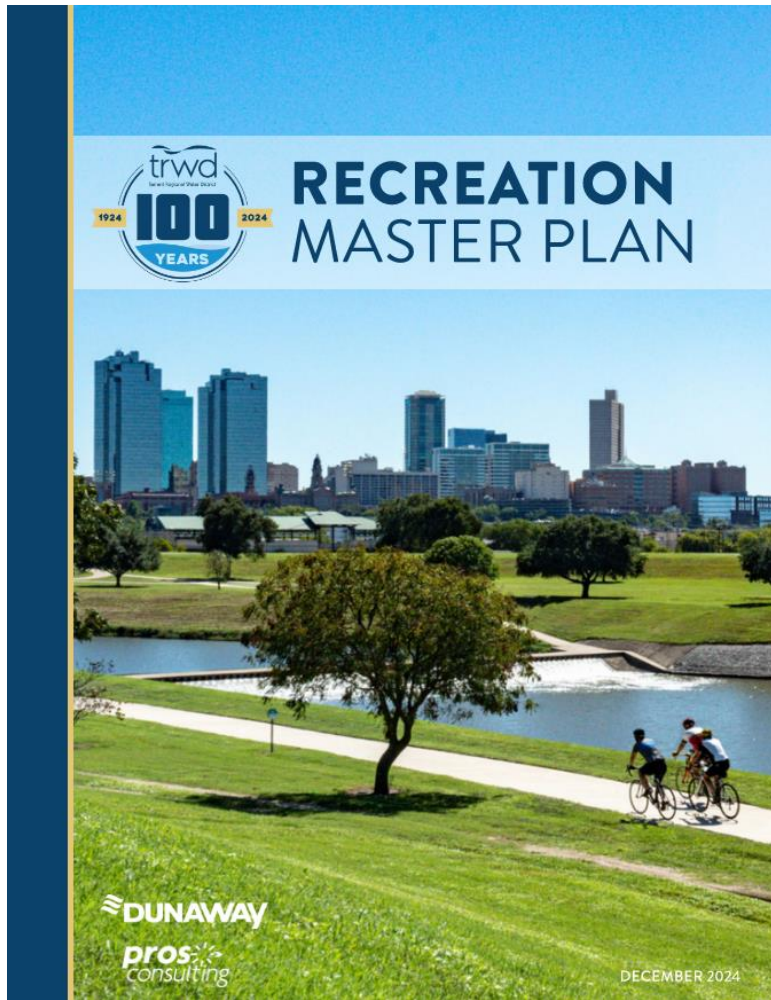
Botanic Garden
July 11, 2023

Como Community Center
July 13, 2023

Riverside Community
Center
July 27, 2023



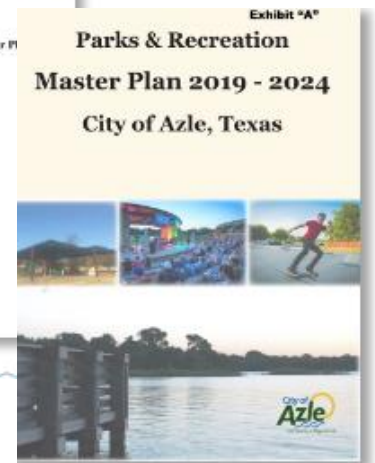
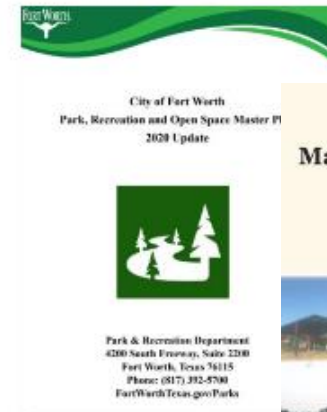
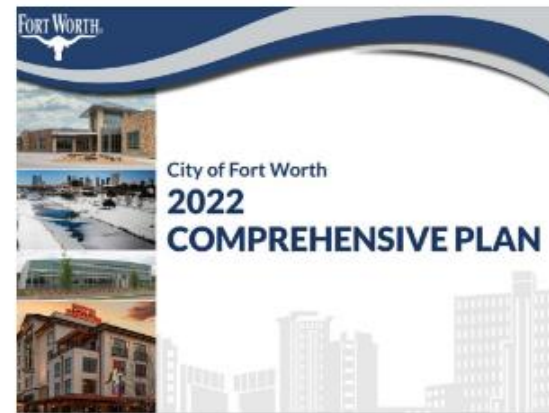
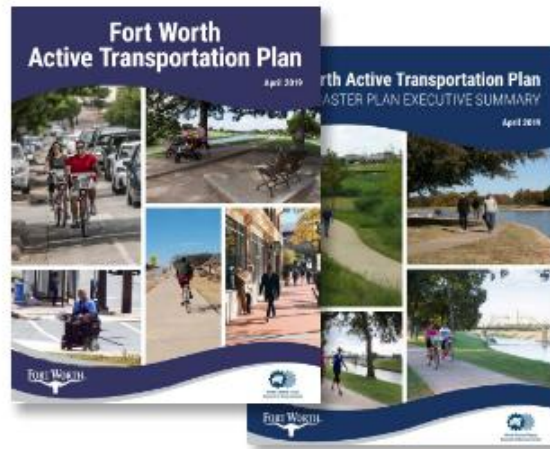
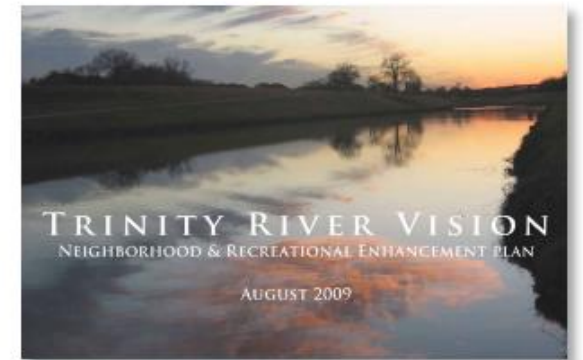
Stakeholder and Partner Input



FORT WORTH
BOTANIC GARDEN



Reviewed Complimentary Plans



RECREATION:

Activity done for enjoyment;
refreshment of strength, spirit, mind,
and body; encompassing an array of
activities for leisure and enjoyment



Established Goals

Goal 1: Promote Healthy Ecosystems

Enhance the health of streams, rivers, and lakes through responsible land utilization to ensure a balance of recreational opportunities and environmental impacts allowing for the cleanest surface water for our communities.

Goal 2: Foster Environmental Advocacy

Engage the public to cultivate a community of natural resource advocates who appreciate and protect local ecosystems.

Goal 3: Enhance Community Health and Well-being

Improve the health and well-being of community members by providing diverse opportunities for exercise, social interaction, and connection with the natural world.

Goal 4: Strengthen Community Connections

Build trails, waterways, public art, parks, and greenbelts that connect people and neighborhoods, fostering personal relationships and promoting community identity and stability.



Recreational Program Items



PROGRAM

The planning team and TRWD representatives developed a final program list from the public engagement meetings held.

Below are the recommended programming items that should be considered when implementing the proposed recreational improvements recommended on the following pages.

Trail Developments & Key Connections

- Concrete Multi-Use Trails
- Separate Use Trails
- Soft Trails & Nature Paths
- Signature Trailheads
- Restrooms
- Picnic Stations
- Rest Areas
- Shaded Areas
- Play Zones
- Equestrian Trails
- Parking Areas
- Bridges & Crossings
- Signage & Wayfinding
- Specific Areas for Lighting
- Enhanced Underpasses
- Public Art Displays
- Misting Stations

Water Recreation Opportunities

- Kayak & Canoe Launches
- Accessible Docks & Ramps
- Portage Improvements
- Boardwalks
- Fishing Piers & Platforms
- Fly Fishing Areas
- Designated Fishing Areas
- Boat Ramps
- Paddlesports Areas
- Active Swimming Zones

Environmental Education Amenities

- Landmark Environmental Pavilion
- Nature Center
- Interpretive Signage
- Demonstration Areas
- Prairie Restoration
- Pollinator Gardens
- Wildflower Areas
- Wetland Zones
- Wooded Areas
- Bank Restoration
- Birdwatching Spots

Events

District Focus

Events that support the overall mission to enhance the quality of life and enable active lifestyle

Signature Events

Fort Worth's Fourth

Trash Bash

Mayfest

Flyfest

Other Events

Permit other organizations to host and promote events on District waterways and property for civic, community, and entertainment purposes



Core Recreation Values & Strategic Initiatives



- 1 Safety & Security Enhancements
- 2 Continue Trail Developments and Key Connections
- 3 Support Water Recreation
- 4 Environmental Education, Programming, and Events
- 5 Expand Natural Land Management Processes
- 6 Facilitate Strategic Partnerships

TRWD Funded Projects



TT-1 | SIGNAGE AND STRIPING

1 2

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



TT-2 | TREE PLANTING

5

A strategic tree planting program along the Trinity Trails will provide natural shade for users and enhance aesthetic appeal of the floodway. Large shade trees that are native and adapted species should be used to reflect natural riparian habitats of the region.



**KEY PROJECT:
WF-8 // RIVERSIDE LIGHTED LOOP**

1 2

Introduces an enhanced lighted concrete trail loop spanning 2.3 miles, commencing at a Trailhead located on 4th Street and featuring a newly constructed bridge crossing over the Trinity River. This loop extends northward to a new pedestrian crossing over the Trinity River near Delga Park, leading to Riverside Park. Continuing from Riverside Park, the trail loop seamlessly proceeds southward until reaching the enhanced 4th Street Trailhead. In addition to its lighting infrastructure, the trail loop can include security enhancements, 911 markers, wayfinding signage, and picturesque river views. The elements in this project are to be coordinated with the City of Fort Worth, Tarrant County, and TxDOT.



Aspirational Projects



WF-9 // SYCAMORE CREEK CONNECTION

1 2 6

This connection of trail will link the existing trails along the south side of the Trinity River, between Gateway Park and Harmon Park, to Sycamore Park along the creek. This will allow southern trail users to access the northern parks and amenities while users north of I-30 can access Sycamore Park, Texas Wesleyan ballfields, and Sycamore Water Park. This connection allows users to use the established amenities in these parks including soccer fields, baseball/softball fields, water parks, dog park, hike/bike trails, open spaces, playgrounds, disc golf, kayak launches, etc. The elements in this project are to be coordinated with the City of Fort Worth, Tarrant County, and TxDOT.



KEY PROJECT: LP-1 // WALNUT CREEK NATURE AREA

2 3 4 5 6

Located on the west side of Eagle Mountain Lake the Walnut Creek Nature Area has ample shoreline access and space for public gathering. The addition of a pavilion and designation of gathering areas would offer spaces for relaxation and socializing amid the natural surroundings, while also providing the opportunity to further activate the area with programming. Nature trails and boardwalks within this area would provide greater shoreline and water access on the west side of the lake, and the opportunity to create trail connections to local destinations such as Shady Grove Park and local schools.



NATURE TRAILS



BOARDWALKS FOR FISHING AND WATER ACCESS

Questions?



An underwater photograph showing a clear blue water environment. The surface of the water is visible at the top, with light reflecting off the ripples. Numerous small, bright particles, possibly bubbles or sediment, are suspended in the water, creating a shimmering effect. The overall color palette is dominated by various shades of blue, from deep navy to bright cyan.

Item 10:

**Consider Approval and Adoption of Investment Policy
and Strategies for Tarrant Regional Water District**

Jennifer Mitchell, Finance Director



Item 11:

**Consider Approval of Resolution Regarding the
Tarrant Regional Water District's Designated
Investment Officers**

Jennifer Mitchell, Finance Director

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, overlapping ripples and bubbles on the right. The water is clear and bright, with light reflecting off the surface, creating a shimmering effect. The overall color palette is a range of light blues and whites.

PRESENTATION

TRVA Board of Directors and Form Based Code

Dan Buhman, General Manager

Project Schedule

Task	Oct.	Nov.	Dec.	Jan. 2025	Feb.	Mar.	April
Review all background data	✓						
Work with the City/TRWD on the stakeholder involvement process	✓						
Site visit with kick off meeting with key City/TRWD representatives (early November)		✓					
Stakeholder meetings							
2-day code workshop (mid Jan)							
Draft memo and code amendment recommendations							
Develop FBC amendments							
First Draft of FBC Amendments							



City/TRWD-Consultant project status update calls (bi-weekly)



Project Schedule

Task	April	May	June	July	Aug.	Sept.	Oct.
First Draft of FBC Amendments	Active	Completed	Completed	Completed	Completed	Completed	Completed
Review meetings with City/TRWD staff	Active	Active	Completed	Completed	Completed	Completed	Completed
Stakeholder meetings on draft FBC	Completed	Active	Active	Completed	Completed	Completed	Completed
Final draft FBC	Completed	Completed	Active	Active	Completed	Completed	Completed
Legislative process: begins after July 2025	Completed	Completed	Completed	Completed	Active	Active	Active

City/TRWD-Consultant project status update calls (bi-weekly)

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.

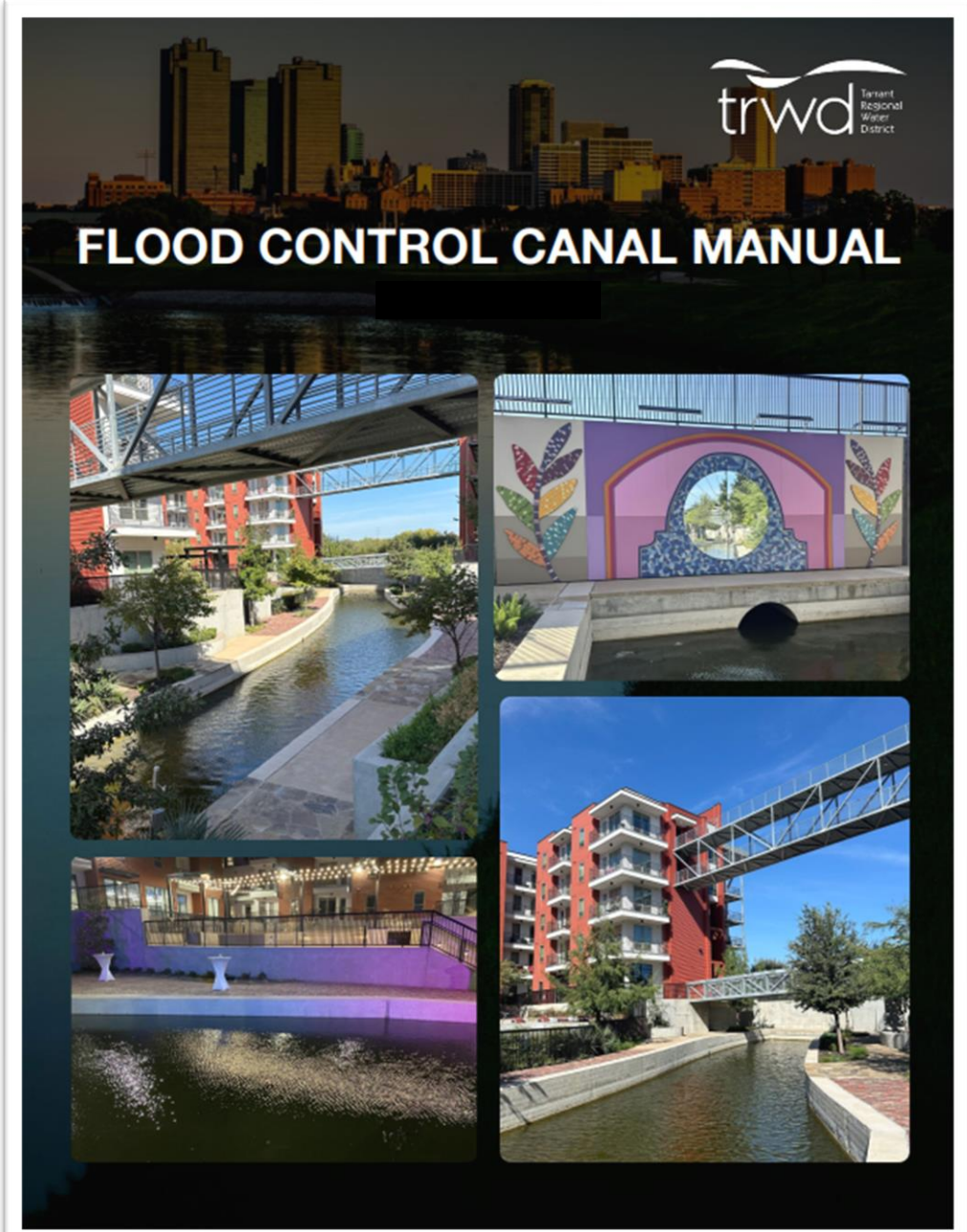
PRESENTATION

Flood Control Canals Manual

Kate Beck, Central City Flood Control Program Director

Panther Island Canal Manual

December 17, 2024



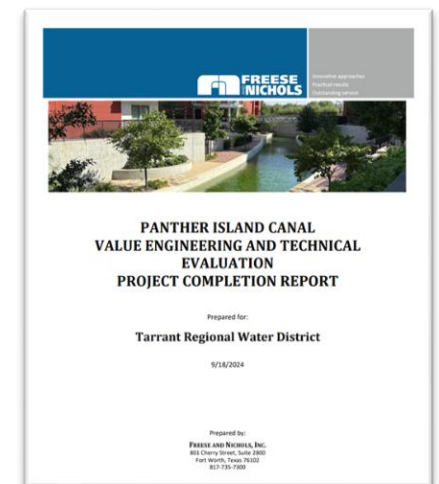
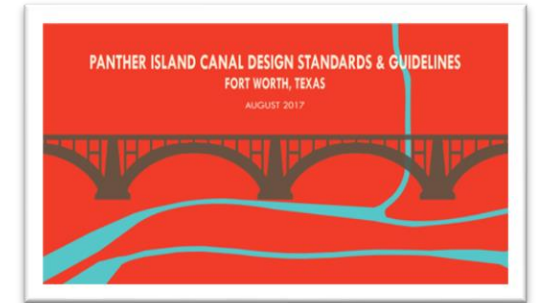
Panther Island Canals Manual

Overview

The Manual is intended to be the comprehensive **reference document** for the Panther Island Canal System.

The Manual consolidates relevant information from various **existing sources**, including:

- Panther Island Zoning Standards and Guidelines – 2016
- Panther Island Canal Design Standards & Guidelines – 2017
- Panther Island Strategic Vision Update (Vision 2.0) –2024
- Panther Island Canal Value Engineering and Technical Evaluation –2024



Panther Island Canal Manual

Document Elements

SECTION 1 - The TRWD Flood Control Canal Manual

1.1 Introduction and Purpose

1.2 How to Use This Manual

1.3 Applicability and Definitions

1.4 Authorities and Jurisdictions

1.5 Ownership

1.6 Funding Considerations

1.7 Development Procedures

1.8 Maintenance Responsibilities

1.9 Infrastructure Coordination Related to Canals

1.10 Sequencing Considerations

Panther Island Canal Manual

Document Elements

SECTION 2 - Canal Design Requirements and Construction Protocols

2.1 Design Precedents and Examples

2.2 Canal Overview

2.3 Canal Concepts

2.4 Canal Horizontal Alignments

2.5 Canal typical cross section

2.6 Maintenance Features

2.7 Storm Drain Connections

2.8 Detention

2.9 Hardscape/Paving Standards

2.10 Seating and Retaining Walls

2.11 Canal Edge / Coping Elements

2.12 Landscape

2.13 Irrigation

2.14 Illumination

2.15 Pedestrian

2.16 Water Quality

2.17 Bridges

Panther Island Canals Manual

Proposed Adoption Process

1. Identify **potential updates** to Canal Design Standards & Guidelines (December-January)
2. Review and coordinate draft manual with **key stakeholders** (January-February)
3. Present updated draft manual to **TRWD Board** for review and discussion (February)
4. Publish draft manual on TRWD website for **public comment** (30+ days)
- 5. Formal adoption** by TRWD Board (April)

Questions?

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, overlapping ripples and bubbles on the right. The water is clear and bright, with light reflecting off the surfaces, creating a shimmering effect. The overall color palette is a range of light blues and whites.

PRESENTATION

Public Information Update

Stephen Tatum, General Counsel

Courtney Kelly, Public Information Coordinator

PUBLIC INFORMATION REQUESTS

- **Objective:** To ensure transparency, accountability, and public access to government records and information.
- **Scope:** Compliance with the Texas Public Information Act applies to all departments of Tarrant Regional Water District.
- **Definition:** The Public Information Act (PIA) grants the public access to government records.
- **Timeline:** District is required to treat all requestors the same and promptly respond to all requests received.

PUBLIC INFORMATION ACT DEADLINES
TRWD has:

**10 – BUSINESS DAYS
TO PROMPTLY RESPOND TO A
REQUEST TRIGGERED BY THE ACT**

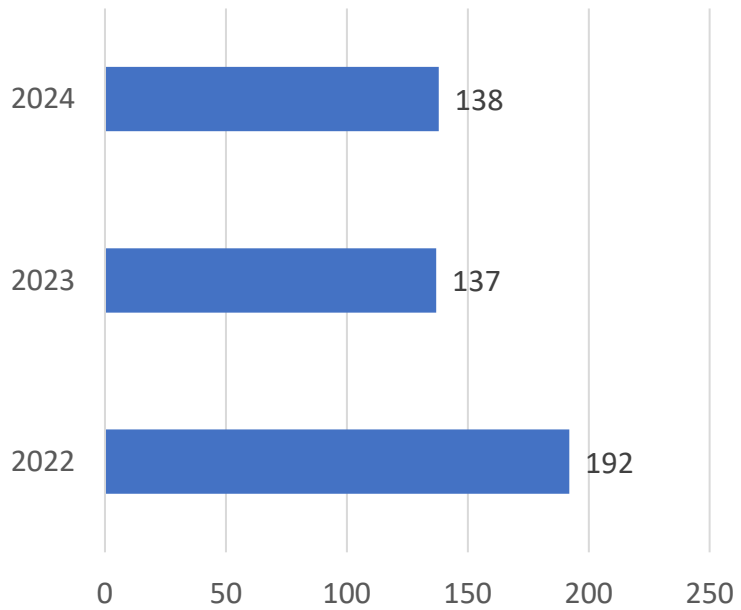
**PURSUANT TO TEXAS PUBLIC
INFORMATION ACT
HANDBOOK**

2024

PUBLIC INFORMATION ACT UPDATE

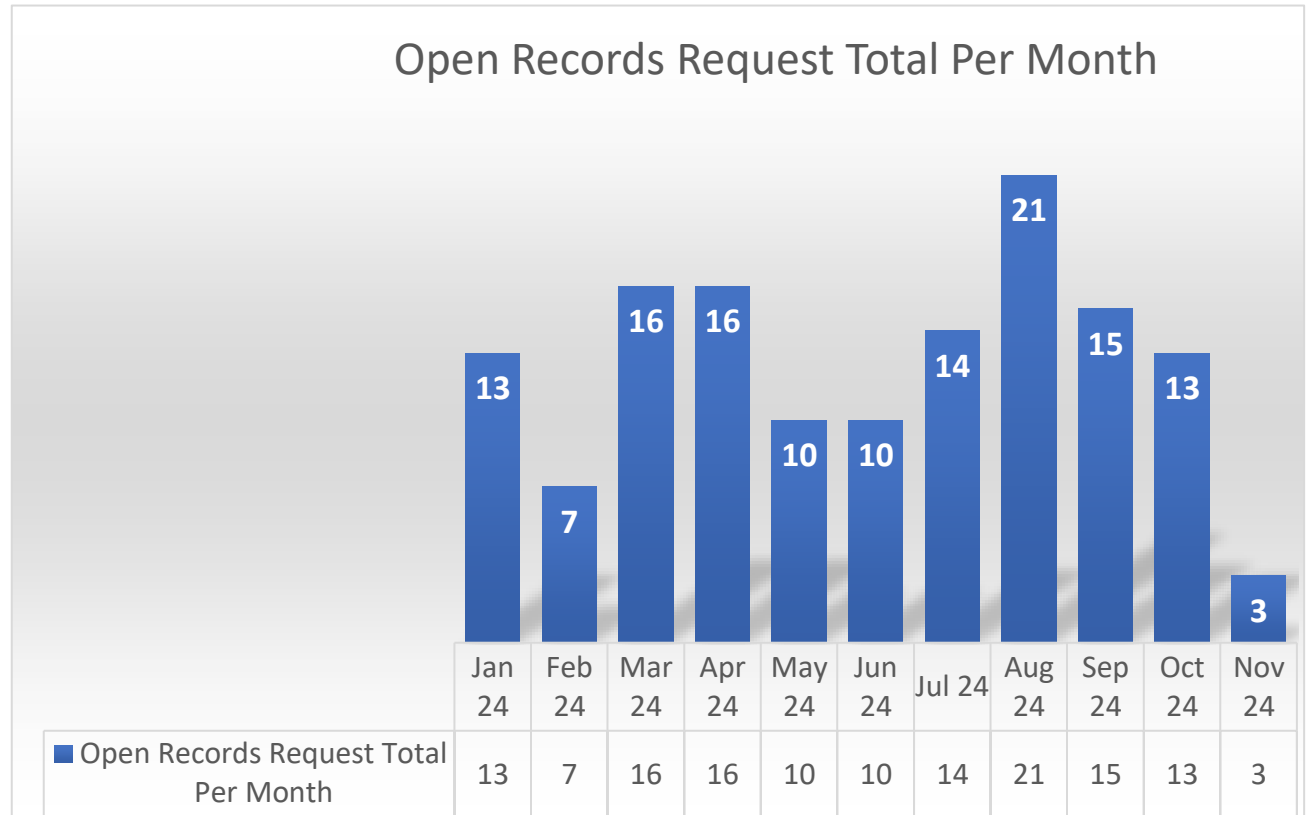
Total Requests

NUMBER OF REQUESTS



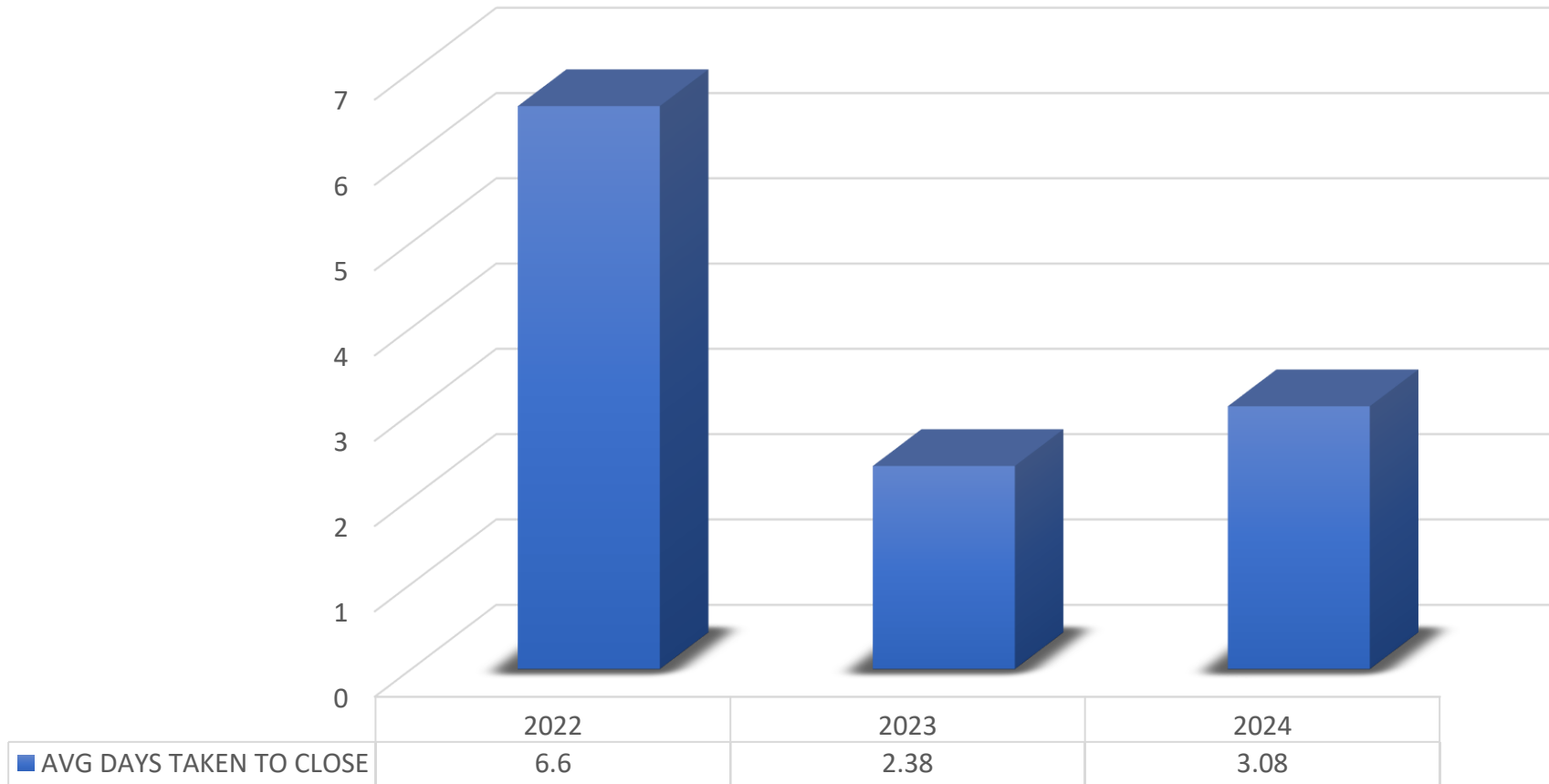
	2022	2023	2024
■ NUMBER OF REQUESTS	192	137	138

Open Records Request Total Per Month



Open Records Request Total Per Month	Jan 24	Feb 24	Mar 24	Apr 24	May 24	Jun 24	Jul 24	Aug 24	Sep 24	Oct 24	Nov 24
■ Open Records Request Total Per Month	13	7	16	16	10	10	14	21	15	13	3

AVG DAYS TAKEN TO CLOSE



2024

PUBLIC INFORMATION ACT UPDATE

Clarification Requests vs. A.G. Ruling Requests

- **Clarification:** The District can ask requestors for written clarification to determine what records are being requested. This pauses the 10 – day business deadline.
- **Request for Attorney General Ruling:** Records deemed confidential by law pursuant to the Act or Statute allows the District to request a ruling from the Texas Attorney General. This process takes 45 days.

TIMELINES VARY BASED ON THESE REQUEST STATUSES.

2024

PUBLIC INFORMATION ACT UPDATE

5-Year Trend History

YEAR		2020	2021	2022	2023	2024
NUMBER OF REQUESTS		113	225	192	137	138
DAYS TAKEN TO COMPLETE REQUEST	0	3	32	57	43	45
	1	4	21	34	28	20
	2	7	20	19	21	15
	3	4	7	9	9	5
	4	5	15	9	7	10
	5	2	9	10	8	9
	10+	12	77	37	9	30
	11+	1	2	17	8	4
AVG DAYS TAKEN TO CLOSE		14.75	19.02	6.6	2.38	3.08
REQUEST FOR CLARIFICATION		13	28	13	18	25
NUMBER SENT TO AG FOR DECISION		7	25	7	4	4

Agenda Item 13:
Executive Session

Agenda Item 14:

Consider Approval of Contract with U3 Advisors for Real Estate Advisory and Disposition Services

Mick Maguire, Chief Administrative Officer



Agenda Item 15:
Future Agenda Items

Agenda Item 16:
Schedule Next Board Meeting

January 21, 2025 at 9:00 AM



Agenda Item 17:
Adjourn

