



FLOODPLAIN MANAGEMENT PLAN

Public Meeting #1

May 14, 2026



Transportation & Public Works Department

Agenda

- Introductions
- Flood History
- Floodplain Management Plan Overview
 - Definitions / Resources
 - Steps
- Feedback Activity (Menti)
- Schedule
- Q/A

Meeting Objectives



Understand
goals and
objectives of
the FMP



Provide input

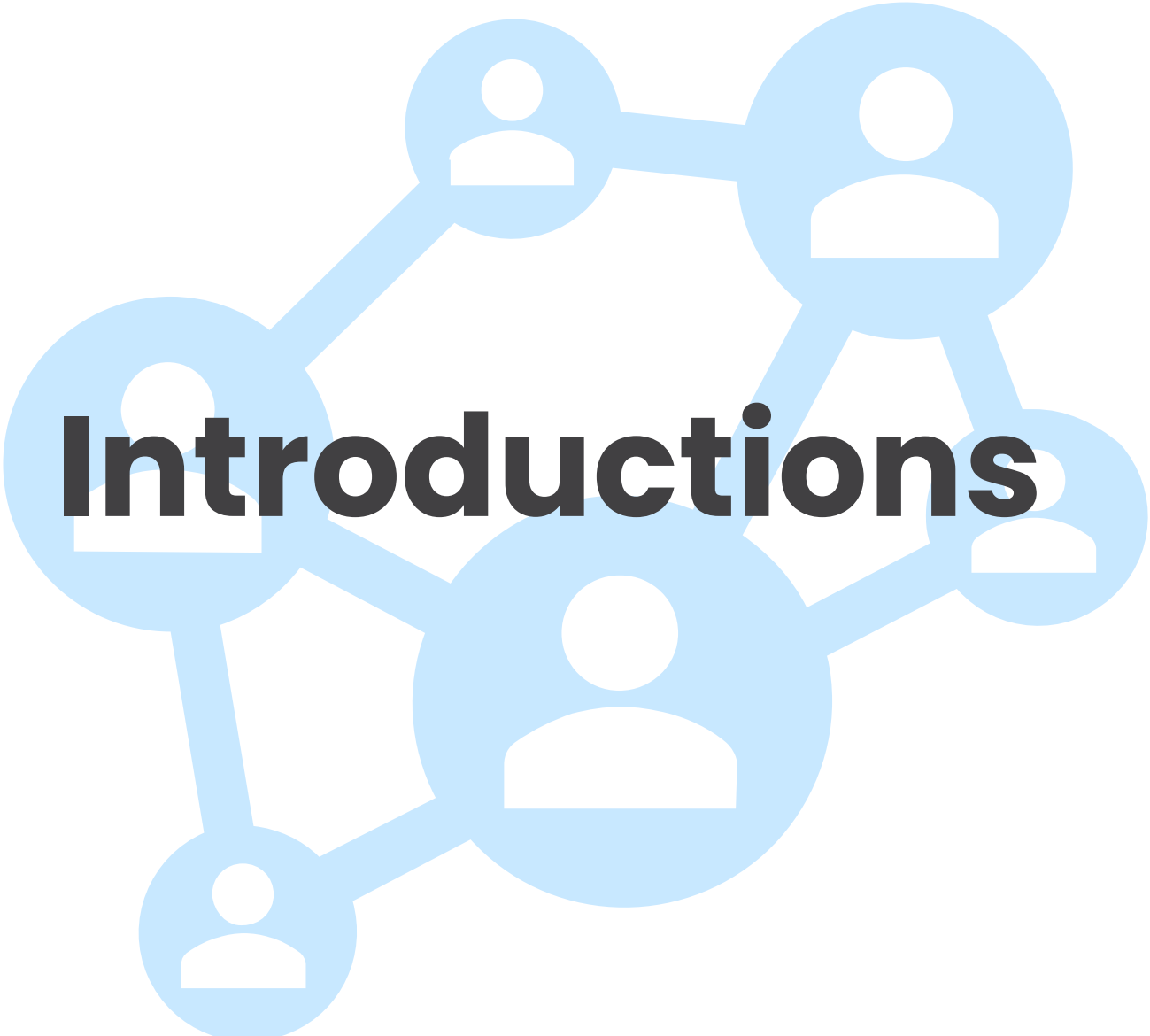
- Complete survey
- Give feedback (priorities)



Spread the
word



Represent your
community
and its needs



Floodplain Management Plan Team

City of Fort Worth Staff

- **Lisa Ann Biggs:** Engineering Manager/Floodplain Administrator
- **Linda Sterne:** Stormwater Public Involvement Officer
- **Hammoudah Hammoudah:** Senior Engineer, Floodplain Management
- **Jennifer Dyke:** Assistant Director TPW Stormwater Management

Freese & Nichols, Inc.

- **Bethany Fleitman:** Project Manager, PE, CFM
- **Gavin Waldrop:** EIT, CFM

Mission

Protect People and Property from Harmful Stormwater Runoff



- **Maintain** existing pipes and channels to function as designed



- **Improve** drainage and reduce erosion through construction of projects



- **Warn** the public and property owners of flooding and erosion hazards

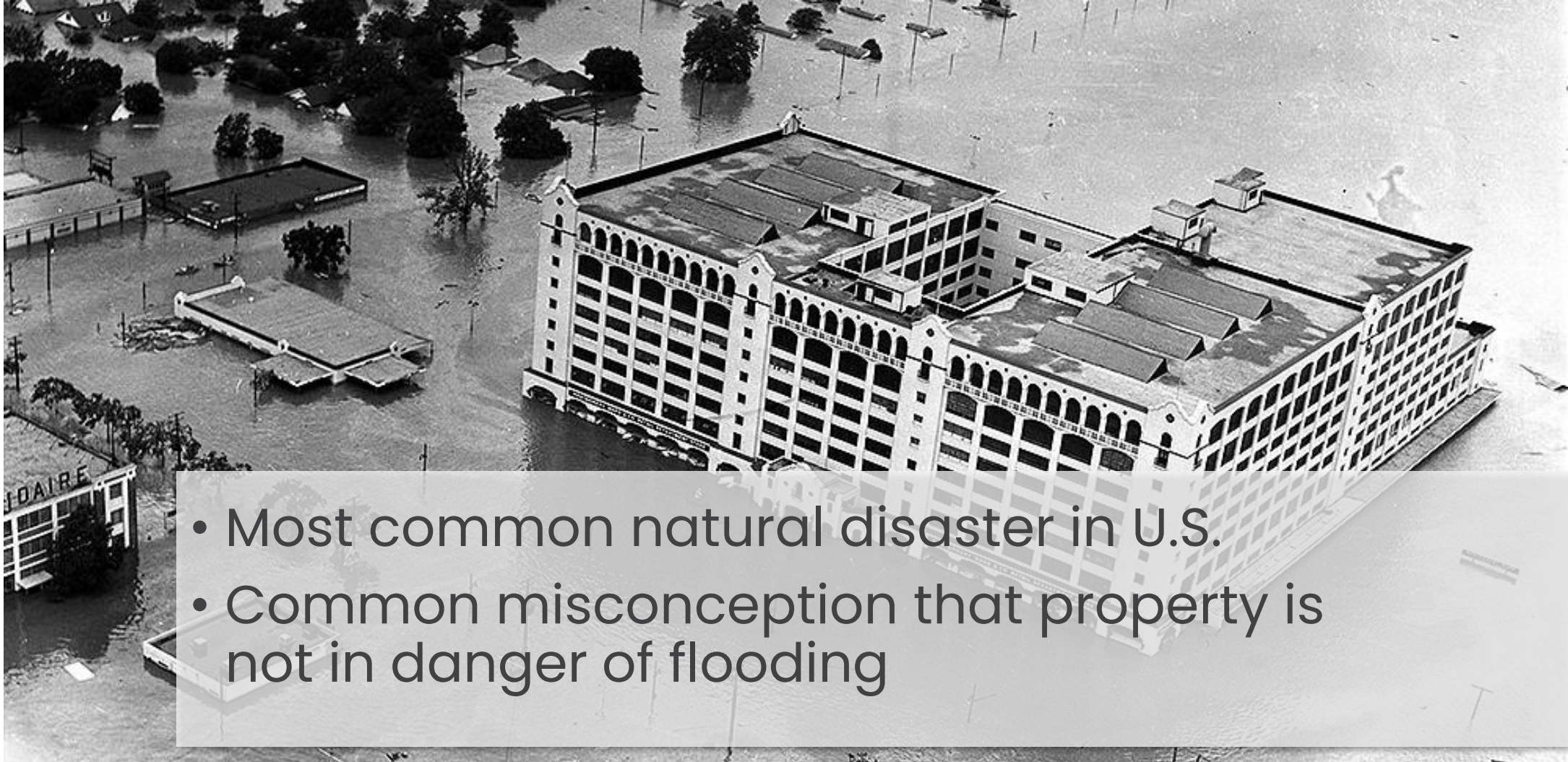


- **Review** development for compliance with City Stormwater standards



Flooding and Fort Worth: An Overview

Flood Facts and Risks



- Most common natural disaster in U.S.
- Common misconception that property is not in danger of flooding

Fort Worth Historic Flooding

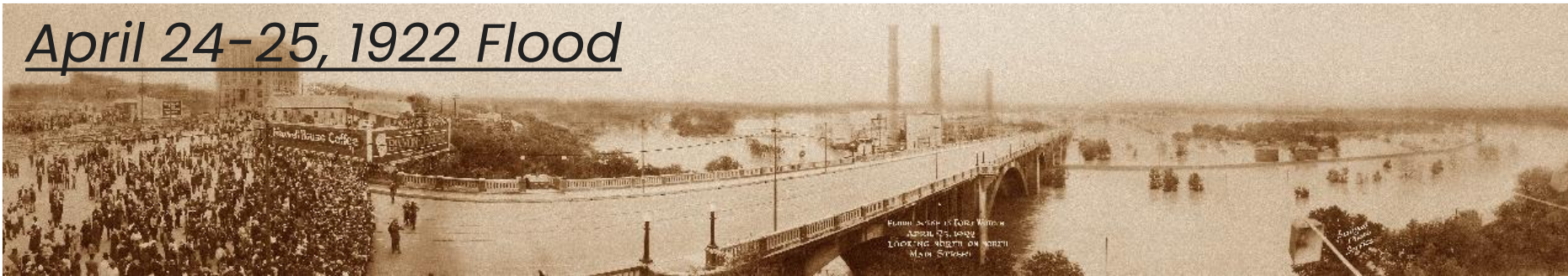
May 17, 1949 Flood



- 11 inches of rain in 9 hours
- Trinity River rose 40+ feet

Residential rooftops between 7th Street and Lancaster

April 24-25, 1922 Flood



- 8.8 inches of rain in 14 hours
- Trinity River rose 39 feet

Flood Scene in Fort Worth, April 25, 1922, looking north on North Main Street

Fort Worth Flooding



Wagley Robertson,
5/2021

Quail Road near Lake
Arlington, 5/2024

Fort Worth Flooding



October 2025



DFW Scanner

1h · 🌐

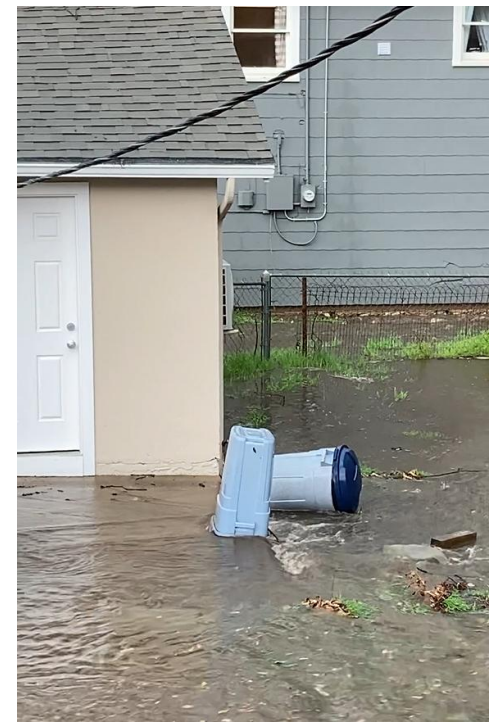


Flash flooding this morning at Camp Bowie and Las Vegas Trail. Do not drive through flooded roadways!!



July 2025

Fort Worth Flooding, April 2026

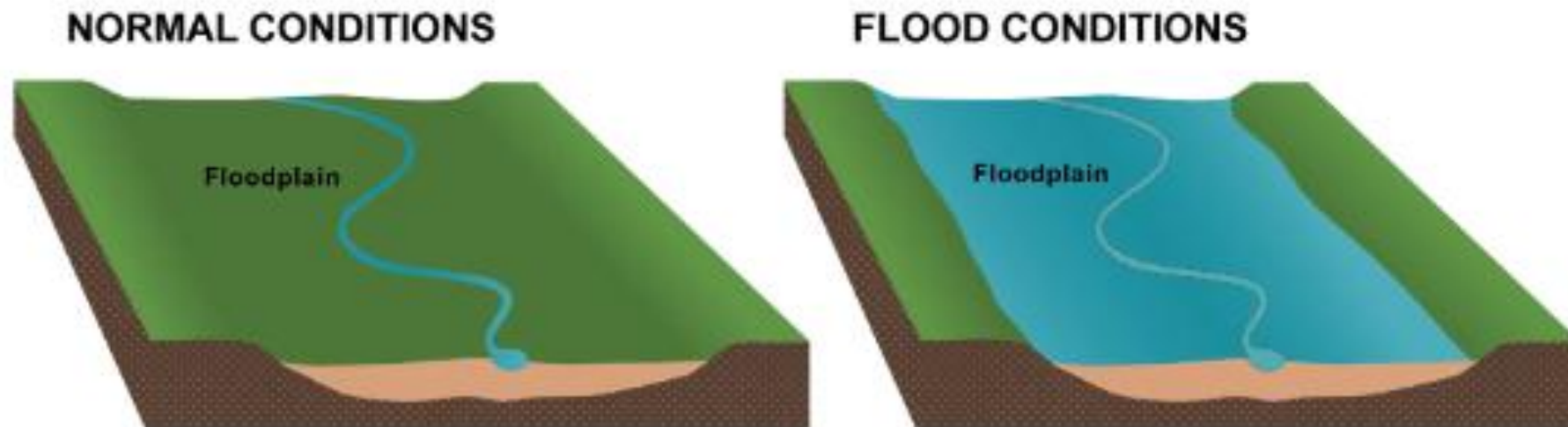




Floodplain Management Plan (FMP) Overview

Definitions and Resources

- **Floodplain:** An area along a waterway inundated by a storm event.
- **100-year Floodplain:** an area with a 1% chance of flooding in any given year



Definitions and Resources

- City Flood Risk Viewer

City of Fort Worth | Flood Risk Viewer

Search...

Tools Identify Query Draw Linked Maps Print/Export

Locate Address on Map Locate Cross Street Clear Address Results Pan Zoom In Zoom Out Initial View Full Extent Previous Extent Next Extent Refresh Map Bookmarks Measure

Layers

All Available Layers

Filter Layers...

- Floodplain
 - Floodplain Development Permit
 - Grading Permit
 - Base Flood Elevation
 - Water Feature Streams
 - LOMR
 - Stormwater Management Plan
 - FEMA Floodplain - Regulatory
 - FEMA Preliminary Floodplain (Tarrant) - Regulatory
 - FEMA Preliminary Floodplain (Parker) - Regulatory
 - City Flood Risk Areas - Regulatory
- Potential High Water Areas (PHWA)

Layers

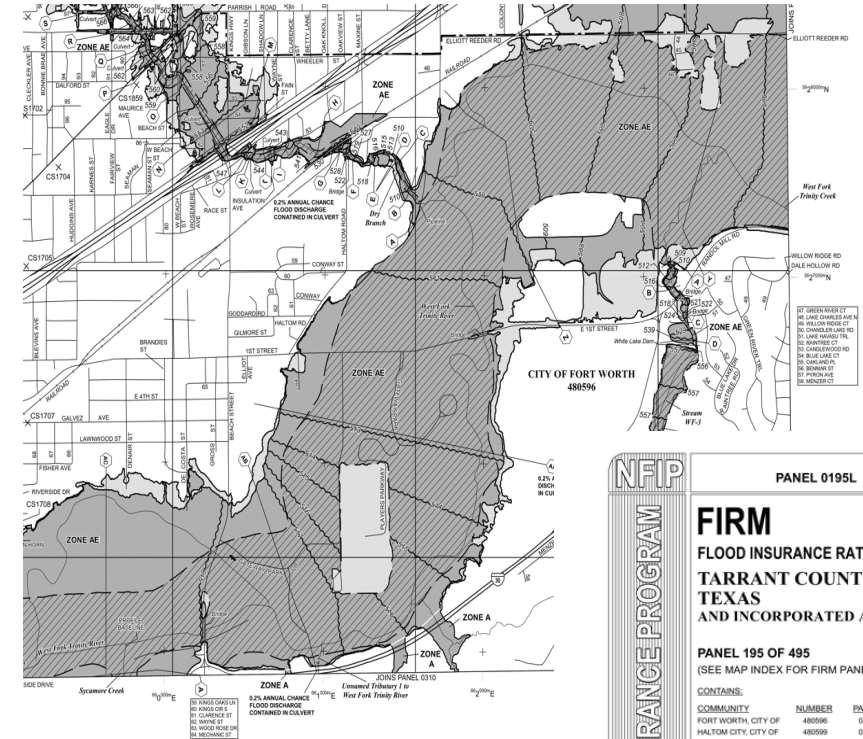
0 0.3 0.6mi

QR Code

https://gisapps.fortworthtexas.gov/Html5Viewer/?viewer=CFW_Flood_Risk_Viewer

National Flood Insurance Program

- Founded in 1968 to provide two main functions
 - Providing insurance for property owners
 - Guide communities in adopting and enforcing floodplain management regulations
- Approximately **1,870 NFIP policies** in Fort Worth in 2025
- Average policy premium in 2025 for Fort Worth was **\$848 per year**



Community Rating System (CRS) Benefits for Our Community



Lower Flood Insurance Costs



Less Flood Damage



Better Preparedness



Stronger Local Economy



More Grant Opportunities



Save Public Dollars



Community Recognition



Coordinator's Manual

National Flood Insurance Program

Community Rating System

FIA-15/2025



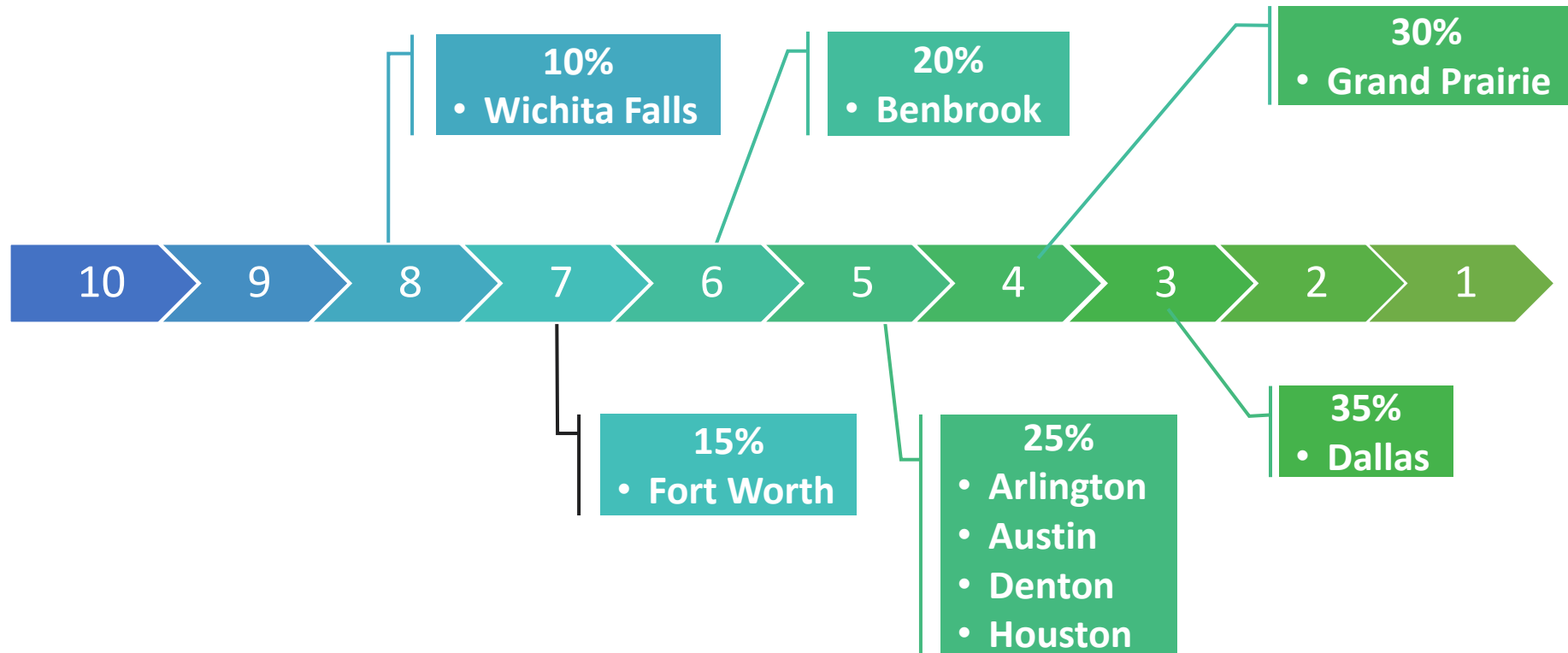
FEMA



Transportation & Public Works Department

NFIP Community Rating System (CRS)

- Communities complete creditable activities to reach a higher classification



Definitions and Resources

- **Floodplain Management Plan (FMP)**

A 10-step, community-based strategy that sets out the rules, measures, and responsibilities for managing floodplains to:




- Reduce flood risk
- Protect property and life, and
- Maintain environmental values






FLOODPLAIN
MANAGEMENT PLAN

5-Year FMP Update

What it is

-  Regular Check-Up
-  Keeps Us on Track
-  Adapts to Change
-  Improves Resilience
-  More Transparent & Inclusive

Why it Matters

-  Set Priorities
-  Understand Flood Risk
-  Smart Solutions
-  Avoid Conflicts
-  Educate & Inform
-  Gain Support
-  Take Action




Floodplain Management Plan (FMP) Steps

FMP Steps

1. ORGANIZE
2. PUBLIC INVOLVEMENT
3. COORDINATE
4. ASSESS the HAZARDS
5. ASSESS the PROBLEM
6. GOALS
7. REVIEW ACTIVITIES
8. ACTION PLAN
9. ADOPT the PLAN
10. IMPLEMENT





Step 6: Goals

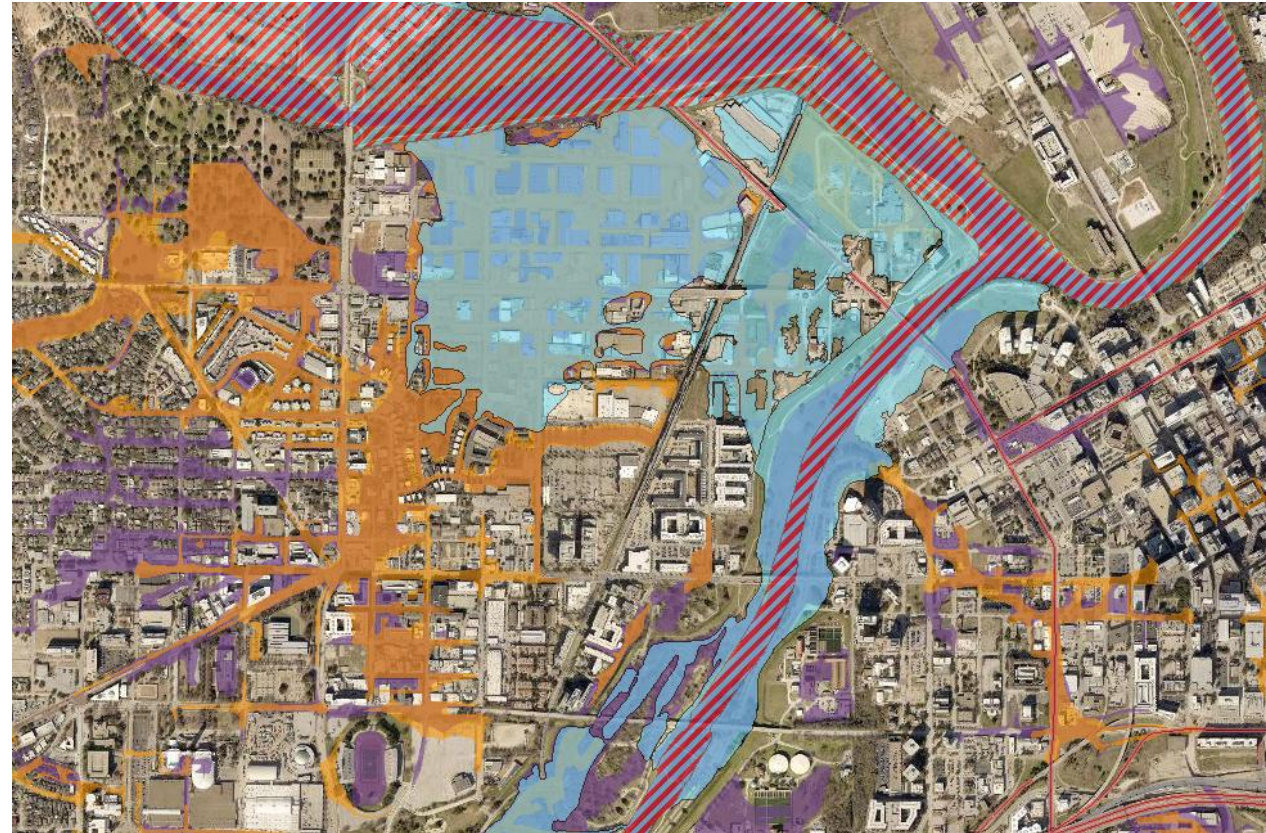
Step 6: Goals

2026 FMP Goals align with other significant goals for the City



2026 FMP Goals

1. Improve the **safety** of people, property, and infrastructure by reducing flood risk and impacts.
2. Guide **future development** and investment to promote sustainable, flood-resilient growth while protecting natural floodplain functions.



2026 FMP Goals Cont.

3. Strengthen **emergency preparedness and response** capabilities to minimize impacts during flood events and support rapid recovery.
4. Increase **public awareness** and understanding of flood risks, mitigation options, and safety practices through targeted outreach, education, and community engagement.
5. Support the City's efforts **to lower the public's insurance rates** by improving the City's CRS classification



The image shows a document titled "City of Fort Worth Floodplain Management Plan 5-Year Update". It includes an overview, objectives, and a timeline. The objectives listed are: Understand Flood Risk, Set Priorities, Smart Solutions, Avoid Conflicts, Educate & Inform, Gain Support, and Take Action. The timeline shows the process from Kickoff (February 2025) to Council Adoption (December 2025). Logos for the National Flood Insurance Program and "Turn Around Don't Drown!" are also present.

City of Fort Worth
Floodplain Management Plan 5-Year Update

Overview
The City of Fort Worth is conducting an update of their Floodplain Management Plan. This update improves flood risk understanding and supports safer, more resilient development within the City of Fort Worth.
This update also is required to enhance the City's CRS Classification (increased discounts on flood insurance premiums)

Objectives

- ✓ **Understand Flood Risk** – Identify where flooding happens and how it affects our community.
- ✓ **Set Priorities** – Create a clear action plan to reduce our biggest risks first.
- ✓ **Smart Solutions** – Recommend cost-effective projects that protect both new and existing development and infrastructure.
- ✓ **Avoid Conflicts** – Make sure solutions work together and don't create new problems
- ✓ **Educate & Inform** – Teach residents about flood risks, safety steps, and the value of healthy floodplains.
- ✓ **Gain Support** – Build public and political backing for mitigation projects.
- ✓ **Take Action** – Encourage everyone to play a role in making the community safer and more resilient.

Timeline:

- Kickoff** Began update process February 2025
- Stakeholder Engagement** Three stakeholder meetings throughout process
- Public Involvement** Two public meetings in the Spring and Summer
- Draft & Review** Incorporate feedback and refine the plan as needed based on comments from FMA and stakeholders
- Council Adoption** December 2025

Take the survey!
Help better protect Fort Worth from flooding

FORT WORTH
Visit us online at: www.FortWorthTexas.gov/stormwater



Step 7: Activities

FMP Activities



Preventive activities (zoning, floodplain regulations, building codes, subdivision ordinances)



Property protection and mitigation activities



Natural floodplain function protection activities



Emergency service activities



Structural projects



Public information activities

FMP Activity Progress

FMP Activity Groups	Initiated (%)	Implemented (%)
Preventative Activities	27%	73%
Property Protection Activities	10%	30%
Natural Resource Protection Activities	0%	25%
Emergency Services Activities	22%	33%
Structural Projects	13%	44%
Public Information Activities	19%	33%

Progress as of September 2025

Note: Implementation progress depends on resource availability

Fort Worth NFIP & Higher Standards Work

- Community Rating System (CRS) rewards
- Significant progress since initial 2016 FMP





Step 2: Public Involvement

Public Roles for this Plan & Future



Understand
goals and
objectives of
the FMP



Provide input

- Complete Survey
- Give feedback



Spread the
word



Represent your
community
and its needs

Join at menti.com | use code 9683 6470

Mentimeter

Replace this slide

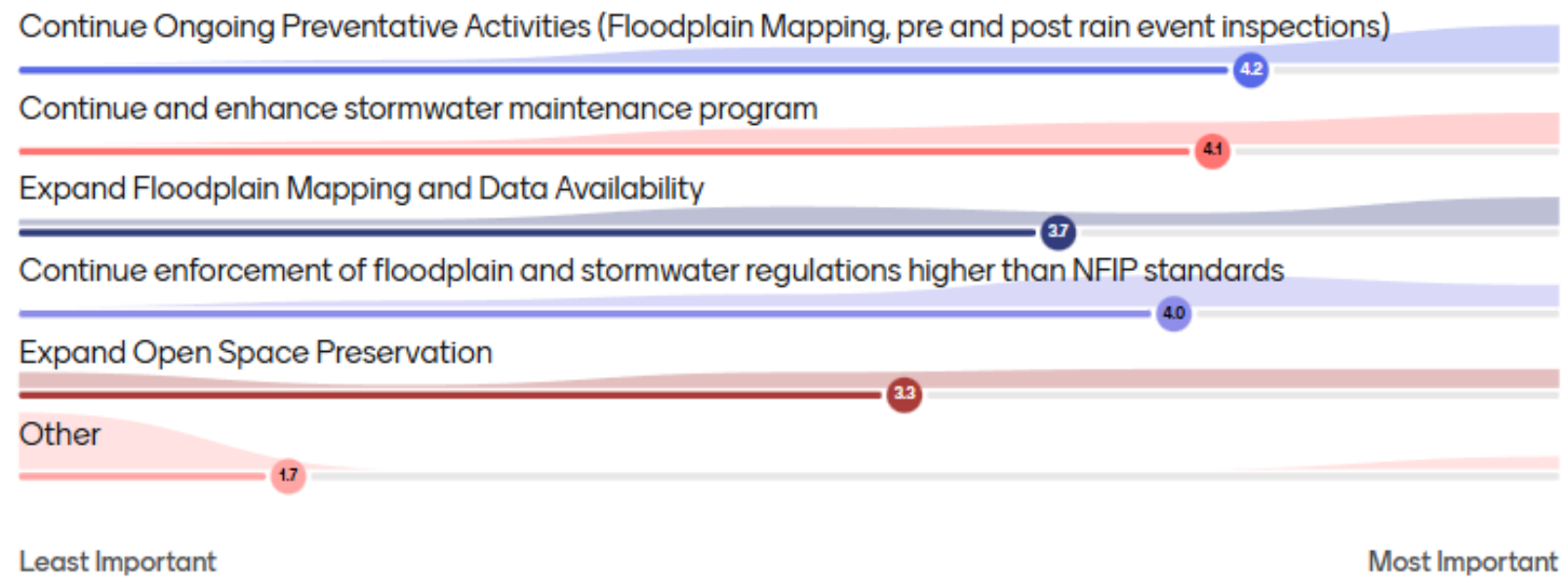
Open Menti to edit



Thanks for signing in!



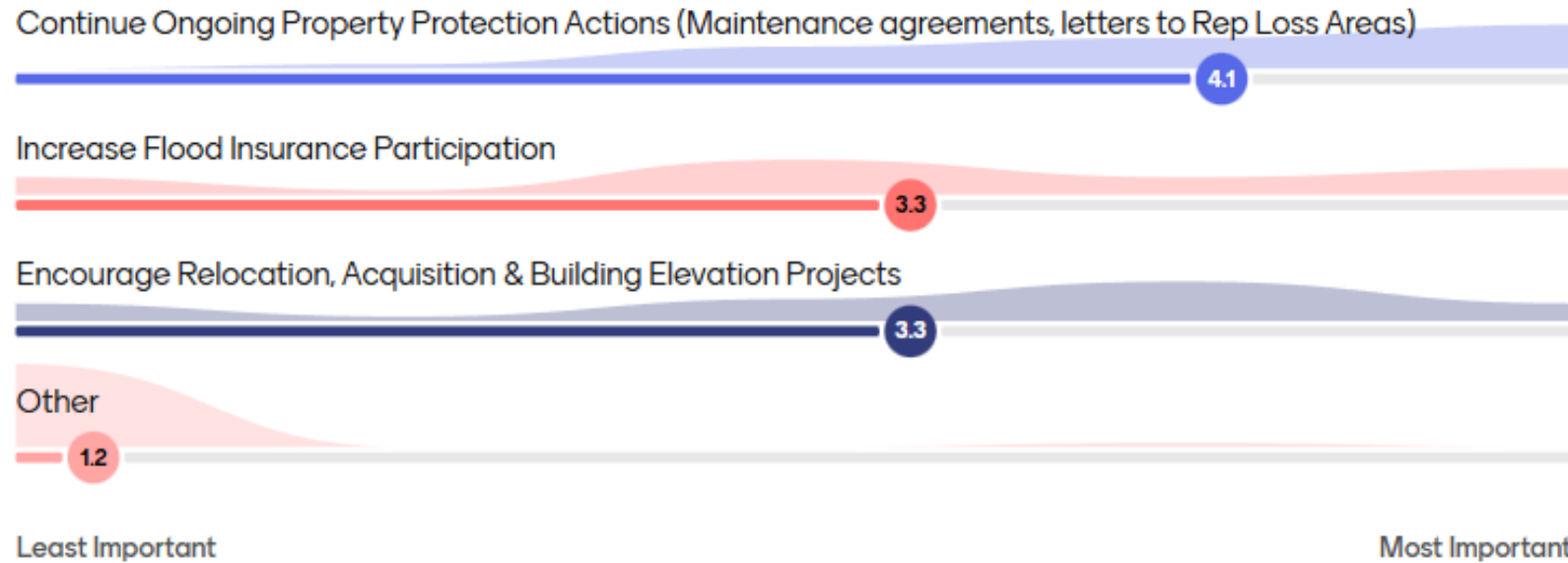
How important are the FMP Plan's Preventative Activities to you?



menti.com
9683 6470

23 of 23 responded

How important are the FMP Plan's Property Protection Activities to you?



Mentimeter

PR

Replace this slide



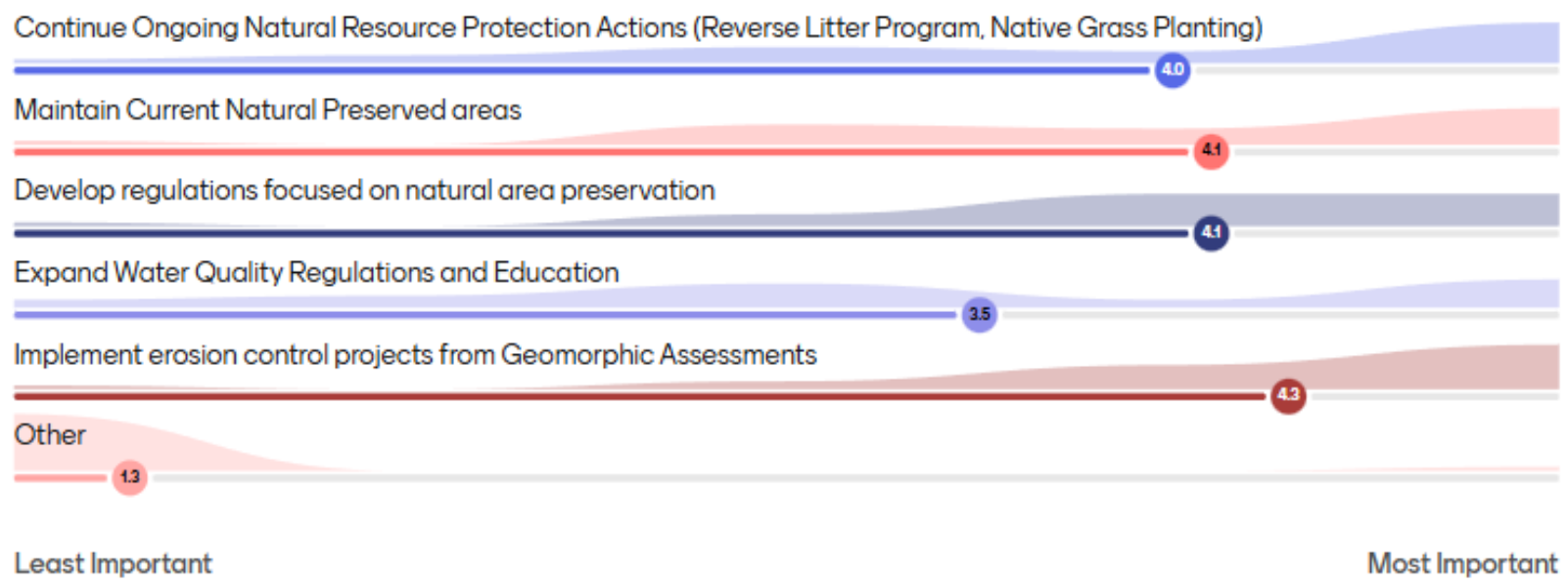
Open Menti to edit



menti.com
9683 6470

23 of 23 responded

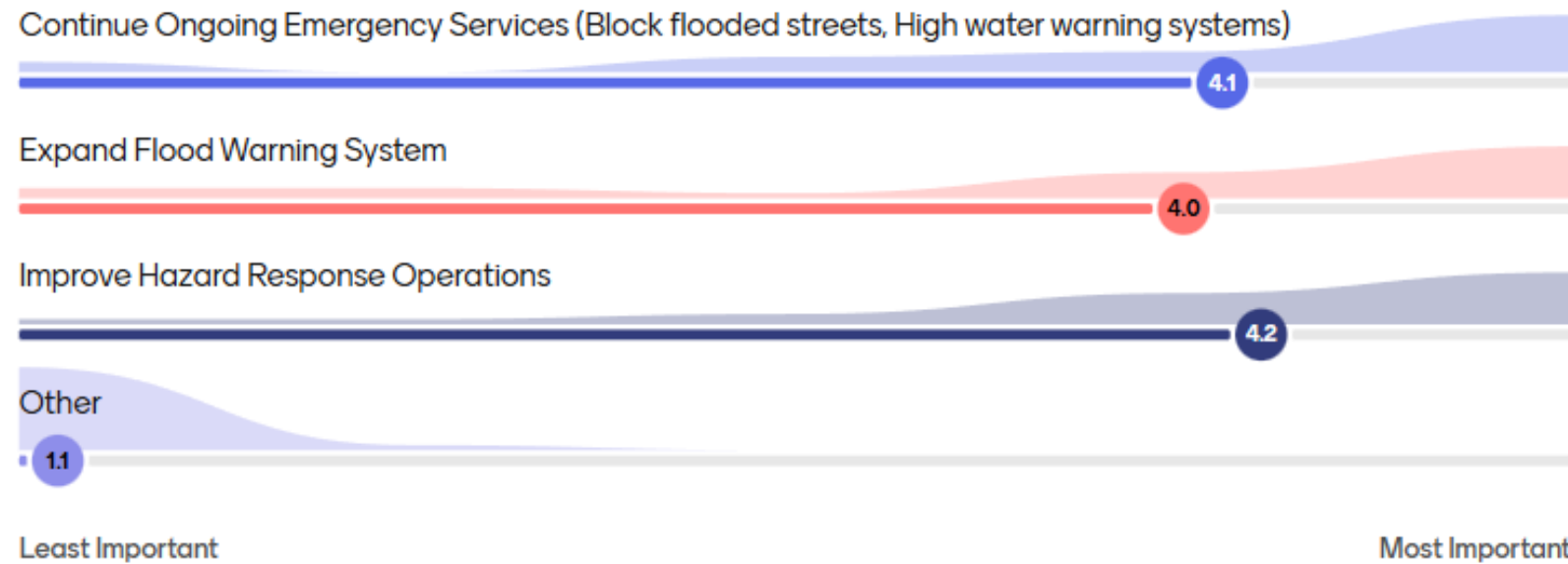
How important are the FMP Plan's Natural Resource Protection Activities to you?



menti.com
9683 6470

22 of 22 responded

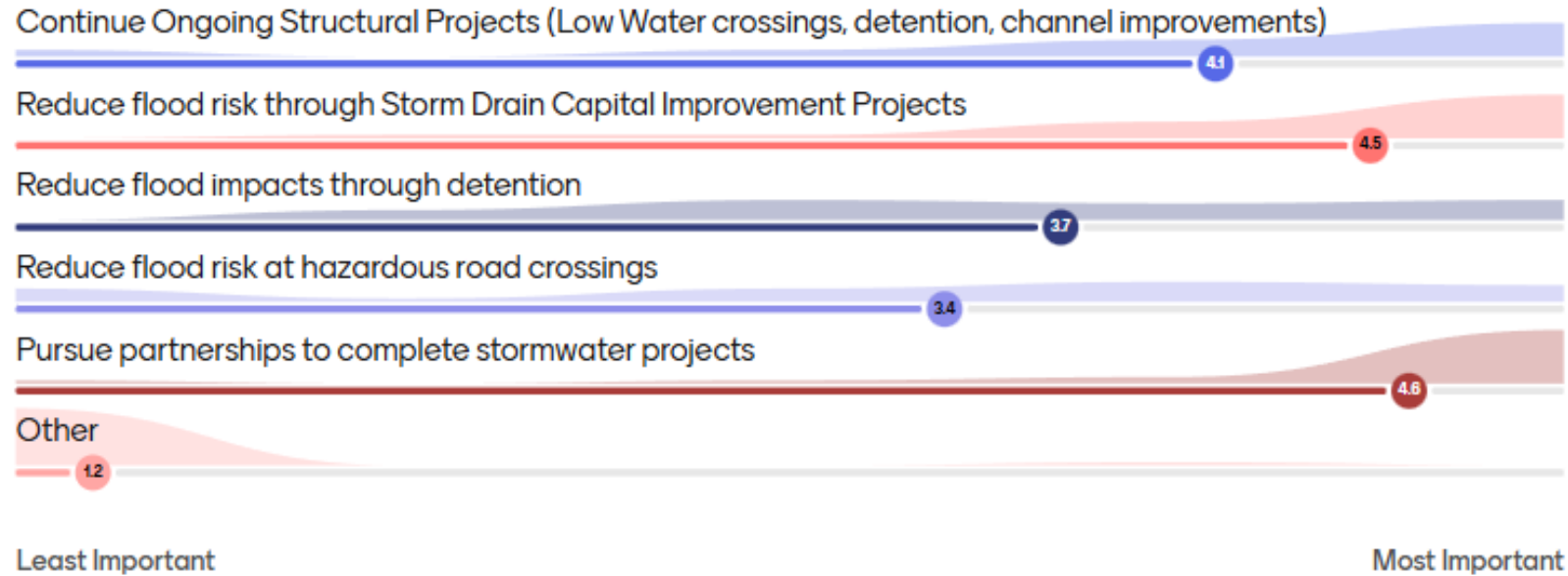
How important are the FMP Plan's Emergency Services Activities to you?



menti.com
9683 6470

20 of 20 responded

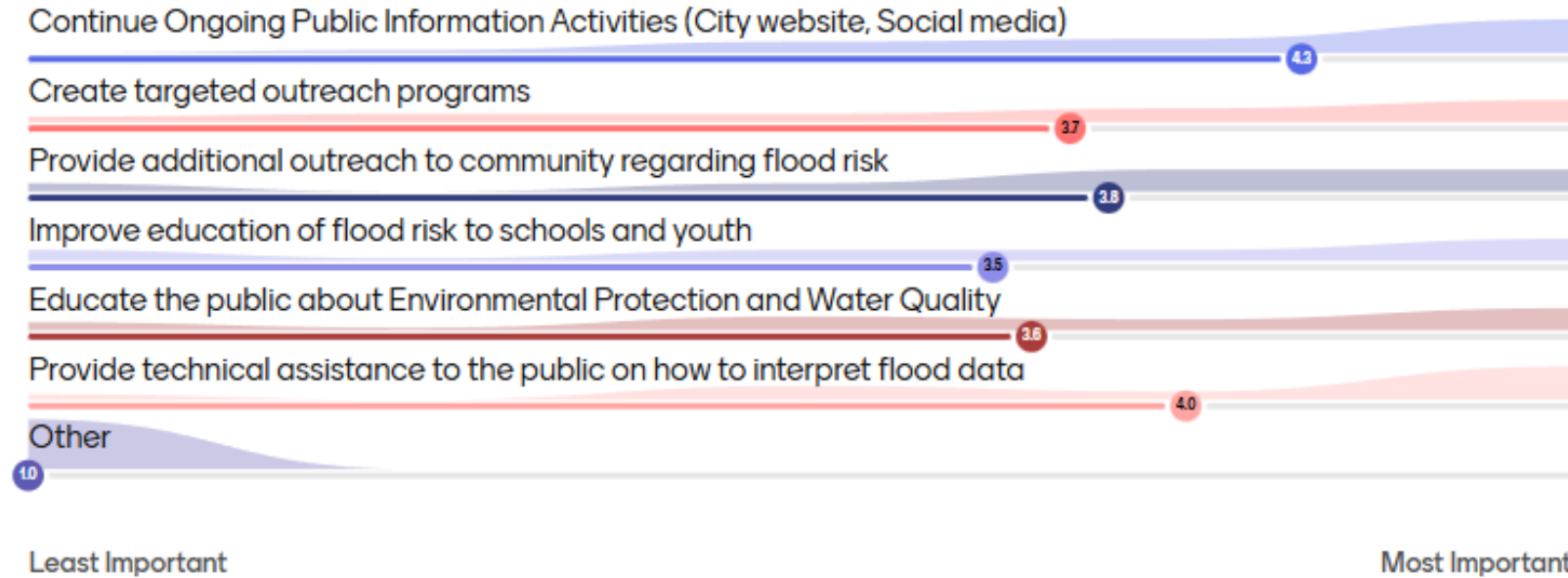
How important are the FMP Plan's Structural Projects to you?



menti.com
9683 6470

20 of 20 responded

How important are the FMP Plan's Public Information Activities to you?



Mentimeter

PR

Replace this slide



Open Menti to edit



menti.com
9683 6470

22 of 22 responded

How important are the FMP Plan's Possible Activities to you?

Preventative Activities

Property Protection

Natural Resource Protection

Emergency Services

Structural Projects

Public Information

Least Important

Most Important



menti.com

9683 6470

Waiting for participants

Do you have any other comments or feedback related to the FMP?

Flooding prevention is massively important to our city, I think it is a very valuable use of resources for us to implement flooding prevention and education measures. Thank you!

Until flood insurance premiums decrease, flood insurance participation will not increase.

I feel that education should come from OEM. Resources for stormwater should be used to reduce flooding to homes & businesses. Info can be handled by CPE & OEM if funding is an issue.

Templeton Drive flood management is extremely poorly managed, and the issue is not new. Unfortunately, it is actually getting worse. Then somehow the city raises my property value. Absurd.



menti.com
9683 6470

4 of 4 responded

Public Outreach

- 2 Public Meetings
 - Today
 - July/August
- One Page Infographic
- Social Media
- Public Survey
 - <https://forms.office.com/g/fzHAakiFm6>



City of Fort Worth
Floodplain Management Plan 5-Year Update

Overview
The City of Fort Worth is conducting an update of their Floodplain Management Plan. This update improves flood risk understanding and supports safer, more resilient development within the City of Fort Worth.
This update also is required to enhance the City's CRS Classification (increased discounts on flood insurance premiums)

Objectives

- ✓ **Understand Flood Risk** – Identify where flooding happens and how it affects our community.
- ✓ **Set Priorities** – Create a clear action plan to reduce our biggest risks first.
- ✓ **Smart Solutions** – Recommend cost-effective projects that protect both new and existing development and infrastructure.

her and don't
risks, safety
y for
in making the



Review
ite
and
plan as
ased
ents
A and
iers

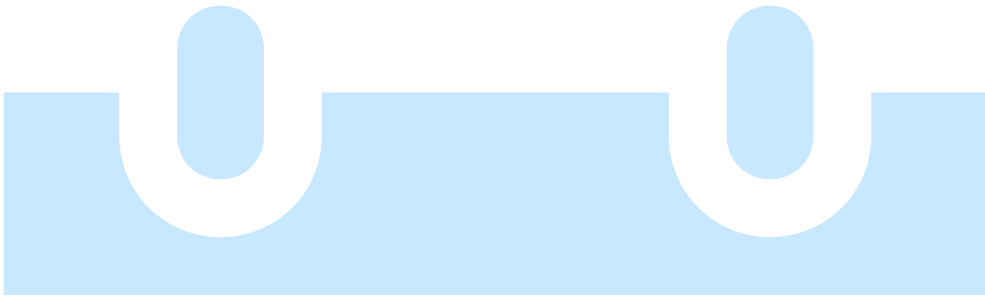
Council
Adoption
December
2028

Visit us online at: www.FortWorthTexas.gov/stormwater



Take the survey!
Help better protect
Fort Worth from flooding

<https://www.fortworthtexas.gov/departments/tpw/stormwater>



Schedule		

FMP Update Timeline



Kickoff

Begin update process.

Stakeholder Engagement

3 stakeholder meetings to be scheduled.

Public Involvement

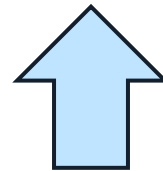
2 public meetings to gather community input.

Draft & Review

Incorporate feedback and refine the plan through summer/fall.

Adoption Goal

New FMP adopted by council by end of year.



Schedule of FMP

Floodplain Management Plan Tasks	Month								
	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Stakeholder Organization and Data Collection		●★							
Hazard Assessment			★						
Mitigation Strategy and Action Plan									
Draft FMP				★	●				
Council Adoption									
Submit to FEMA									

★ Stakeholder Meeting

● Public Meeting

Q&A

Lisa Biggs

lisa.biggs@fortworthtexas.gov
817-392-2446

Linda Sterne

linda.sterne@fortworthtexas.gov
817-392-2690

Hammoudah Hammoudah

hammoudah.hammoudah@fortworthtexas.gov
817-392-8791

Bethany Fleitman

Bethany.Fleitman@freese.com
806-686-2709

