



CRS Floodplain and Stormwater Program for Public Information (PPI) Annual Report

2023

In 2015, the City of Grand Prairie adopted a Public Protection Information Plan under the Community Rating System Program to guide city officials in how to implement floodplain information outreach projects that would be most beneficial to all residents of Grand Prairie. The 2015 plan was updated in 2021.

This is a summary of the PPI Committee Meeting that was held on September 1, 2022. This summary includes the status of the action items in the plan, an assessment of each project's usefulness, and any committee recommended changes.

Outreach Project 1 and 2: Post Flood Information on City Website and other Social Media Outlets in Both English and Spanish

- Date Verified that Website and Social Media Accounts were Active and Working

City Website Floodplain page was operational on March 3, 2023, May 22, 2023, and September 27, 2023. The webpage includes the English and Spanish floodplain brochures. The information on Flood Insurance Rate Maps, including Frequently Asked Questions. All the links within the Floodplain web page worked.

The City participated in Texas Flood Awareness social media campaign (May 22-26, 2023).

Social Media Posts to Facebook (as of August 31, 2023)

- Summary: 5 posts reached 3,385 resulting in 90 reactions/shares
 - Flood Safety and Flood Preparedness – May 23, 2023
 - Causes of Floods – May 24 & 25, 2023
 - Learning about historic floods in Grand Prairie – May 26, 2023
 - Flood Awareness Week – May 22, 2023
 - Alert GP – January 15, 2023
- Assessment of Usefulness

The City's website is available in English and has a Spanish translation feature. The website provides public access to floodplain-related information in a non-threatening way. Some residents are reluctant to contact the City and ask questions about their property for fear of getting themselves in trouble.

The City's social media accounts are only available in English. The City's Facebook account experienced a significant number of views associated with floodplain insurance, weather

warnings. Twitter posts related to flood awareness week and turn around don't drown reached the largest number of people.

- FMP, PPI, and CP were updated in 2021.
- Recommended Changes 2023-2024
 - Work with Marketing to make monthly post.
- **Outreach Project 3:** Flood Articles in The Pipeline newsletters. FY 2023 articles included in The Pipeline newsletter.
 - Flood Insurance and Community Rating System- How They Work Together November 2022
 - Protect Natural Floodplain December 2022
 - Flood Siren Information, Disaster Preparedness, Flood Safety January 23
 - Insure Your Property for Flooding February 2023
 - Flood Risk, Turn Around Don't Drown March 2023
 - Wear Blue for Flood Awareness and Outdoor Warning Sirens May 2023
 - Community Rating System and Flood Assistance Information June 2023
 - Flood Insurance Letter from the Mayor July 2023
 - Turn Around Don't Drown August 2023
 - Public Information and Flood Assistance Information September 2023
- Assessment of Usefulness
 - The Pipeline newsletter is only available in English. The flood-related articles have been translated into Spanish and are available on the Floodplain page of the City's website.
 - City staff experiences an increase in phone calls from residents following the newsletter distribution. Callers typically state that they read about the City's floodplain services in the newsletter.
- Status of 2022-2023 Recommended Changes
 - No changes
- Recommended Changes 2023-2024
 - No changes were recommended in 2023-24.

Outreach Project 4: City owned Message Boards (Transportation)

- Dates and Messages put onto the Message Boards
 - June 13, 2023
 - September 14, 2023

The City posts messages on the following message boards:

- Arkansas SB at SH-161 Service Rd. (next to PSB)

- Conover at SH-161 NBFR
- Fort Worth St at SH-161 SBFR
- IH-30 at SH-161 SBFR
- Main St at NW 7th West Bound
- Mayfield at SH-161 NBFR
- Tarrant at SH-161 NBFR

The City changes the messages on each board as warranted by weather conditions or local emergencies. The two messages typically used include “Flash Flood Warning / Turn Around Don’t Drown” and “Flooding Possible / If Water On Rd Turn Around Don’t Drown”.

- Assessment of Usefulness
Messages provide drivers with regular reminders of potentially hazardous driving conditions.
- Status of 2022-2023 Recommended Changes
 - Update FMP and PPI to show that these message board are city owned operated and not TxDOT
- Recommended Changes 2023-2024
 - None

Outreach Project 5: City-Owned Message Boards (Marketing)

- 2022 Dates and Messages put onto City Owned Message Boards

January

Do You Have Flood Insurance? [floodsmart.gov](https://www.floodsmart.gov).

February

Do You Have Flood Insurance? [floodsmart.gov](https://www.floodsmart.gov).

March

Do You Have Flood Insurance? [floodsmart.gov](https://www.floodsmart.gov).

April

Do You Have Flood Insurance? [floodsmart.gov](https://www.floodsmart.gov).

May

Do You Have Flood Insurance? [floodsmart.gov](https://www.floodsmart.gov).

Texas Flood Awareness Week May 23-27 [gptx.org/floodplain](https://www.gptx.org/floodplain)

June

Do You Have Flood Insurance? [floodsmart.gov](https://www.floodsmart.gov).

July

Do You Have Flood Insurance? floodsmart.gov.

August

Do You Have Flood Insurance? floodsmart.gov.

September

Do You Have Flood Insurance? floodsmart.gov.

October

Do You Have Flood Insurance? floodsmart.gov.

November

Do You Have Flood Insurance? floodsmart.gov.

December

Do You Have Flood Insurance? floodsmart.gov.

- The messages run on 12-month cycle displaying 500,000 times on eight digital signs on roadways and in city buildings yearly.
- During a big rain event, the sign stating Turn Around Don't Drown is displayed approximately 10,000 times daily.
- If flooding is in progress, the sign stating Crossing Road Barrier Can Result in Fines is displayed.
- Assessment of Usefulness
 - The City owns five outdoor message boards and locations in 3 city buildings that provide visual reminders regarding flood awareness, placed at these locations: I-20 @ Carrier Parkway, Roy Orr (Mike Lewis Park), MacArthur north of I-30 at landfill entrance, inside City Hall, Lake Ridge Parkway near Lynn Creek Park, and Warrior Dr near PlayGrand Adventures and the Prairie Paws Animal Shelter.
- Status of 2022-2023 Recommended Changes
 - Work with marketing department to update messages to include more FEMA flood insurance information and include information about new Risk Map 2.0
- Recommended Changes 2023-2024
 - Work with marketing department to update messages to include more FEMA flood insurance information and include information about new Risk Map 2.0

Outreach Project 6: Post Signs on Existing Flood Gauges at Low Water Crossings

- Date Implemented and Date Verified Signs are still there

The signs have been installed. For the three low water crossings with flashers, we have a series of three signs to warn drivers: 1) “Road May Flood”, 2) “When Flooded Turn Around Don’t Drown” and 3) “Water Over Road When Flashing”. For stream gauge locations without flood flashers, just the first two signs are used.

- Locations with signage and flashing lights:
 - Riverside Dr @ WFTR – Inspected July 11, 2023
 - Carrier Pkwy @ Cottonwood Creek (with LWC gates) – Gates are out of service due to a vehicle accident on September 23, 2021. Parts are backordered at this time due to supply chain issues. The remaining flashing lights and water level sensor are still operational. Site Inspected July 11, 2023
 - E Jefferson St – Inspected July 11, 2023
 - 3rd St @ Cottonwood Creek (McFalls Park) – Inspected July 11, 2023
- Locations with signage but no lights:
 - Robinson Rd and Marshall Rd @ Cottonwood Creek – Inspected July 11, 2023
 - Carrier Pkwy @ I-20 – Inspected July 11, 2023
 - Robinson Rd @ I-20 – Inspected July 11, 2023
- City staff designed and installed 7 permanent signs at locations prone to flooding:
 - Eastbound Jefferson at Mountain Creek – Inspected July 11, 2023
 - Northbound Carrier at Cottonwood Creek– Inspected July 11, 2023
 - Southbound Carrier at Cottonwood Creek– Inspected July 11, 2023
 - Northbound SW 3rd at Cottonwood Creek– Inspected July 11, 2023
 - Southbound SW 3rd at Cottonwood Creek– Inspected July 11, 2023
 - Northbound Riverside at low water crossing– Inspected July 11, 2023
 - Westbound Riverside at low water crossing– Inspected July 11, 2023



Eastbound Jefferson at Mountain Creek

- Assessment of Usefulness
 - The signs warn of potential flooding dangers on these roadways that tend to flood.
- Status of 2022-2023 Recommended Changes
 - No Changes
- Recommended Changes 2023-2024
 - None

Outreach Project 7: Tabletop Flood Model and Erosion Trailer Use

- List of Community Events and Dates
 - Arbor Day- Canceled this year due to weather.
 - Dubiski High School Engineering Students- January 11 &12, 2023 (Erosion Trailer and Tabletop Flood Model)
 - Crew Camp Grand Prairie High School- November 18, 2022 (Tabletop Flood Model)
 - Crew Camp Austin Environmental Science Academy- February 10, 2023 (Tabletop Flood Model)
 - Crew Camp Florence Hill Elementary School- April 6, 2023 (Tabletop Flood Model)
 - Earth Day- April 15, 2023 (Erosion Trailer & Tabletop Flood Model)
 - Public Works Day at the Library- May 16, 2023 (Erosion Trailer)
 - Crawfish Boil- June 3, 2023 (Erosion Trailer)

- Hatch Chile Fest – August 12, 2023 (Tabletop Flood Model)
- The following items were available at the Stormwater booth in 2023:
 - Turn Around Don't Drown (TADD) stickers (provided by TFMA)
 - Coloring books (provided by TFMA)
 - Crayons and Pencils
 - Pencil Sharpeners (with city logo Turn Around Don't Drown)
 - Refrigerators magnets (with city logo Turn Around Don't Drown)
 - FEMA brochures (English and Spanish)
 - City brochures (English and Spanish)
 - Contents only postcards (English and Spanish)
 - Page with QR codes that would link visitors quickly to FEMA flood insurance and city floodplain information.
- Assessment of Usefulness
 - The 2022-2023 city events event were all well-attended by individuals of all ages. The camps and library events were held for school students ranging from 3-12 grades. The coloring pages were a big hit with the kids! The QR code page was great success and allowed visitors and staff to make quick interactions while still getting our outreach messages out.
 - The flood model and erosion trailer were both well received! These outreach tools provide opportunities for interaction and discussion with guests.
- Status of 2022-2023 Recommended Changes
 - Focus outreach booths more on schools, library events, HOA and PID meetings, Earth Day, National Night Out.
- Recommended Changes for 2023-2024
 - Focus outreach booths at library events, HOA and PID meetings, National Night Out.
 - Pre-stuff giveaway bag brochures, coloring pages, etc.

Outreach Project 8: Alert GP Service

- Date Implemented
 - Articles promoting Alert GP service were published in the Pipeline during 2023
- Assessment of Usefulness
 - The articles provided information on how to sign up for the service.
- Status of 2022-2023 Recommended Changes
 - No Changes

- Recommended Changes 2023-2024
 - None

Outreach Project 9: Flood Brochures and Flood Information in City Libraries and City Buildings (*Project 3 in CP*)

- Date Verified that brochures and Information was still in Library and Lobbies
 - December 15, 2022
 - April 4, 2023
 - July 12, 2023
- English and Spanish floodplain brochures are available at The Grand Prairie Main Library, Betty Warmack Library and City Hall. Barry Fulfer visits all three locations quarterly.
- Assessment of Usefulness
 - The brochures provide relevant floodplain information to the public.
- Status of 2022-2023 Recommended Changes
 - Continue checking/restocking brochures at City facilities on a quarterly basis.
- Recommended Changes 2023-2024
 - Continue checking/restocking brochures at City facilities on a quarterly basis.
 - Provide floodplain brochures outside Engineering area at City Hall
- **Outreach Project 10 and 11:** Flood Information Brochure in Both English and Spanish Mailed to Residents in SFHA and RL Area (Target Audience) Date Implemented 20 and 21 September 2023
 - Mailing labels were updated based on returned mail from 2022.
- Assessment of Usefulness
 - As of September 1, 2023- 16 properties in the SFHA had flood insurance policies.

Year	Number of Policies
2017	69
2018	76
2019	68
2020	61
2021	60
2022	35
2023	18

- Status of 2022-2023 Recommended Changes
 - Add a cover sheet on City letterhead to 2023 SFHA mailouts with a brief explanation of the important information in the brochure. (RL already has a cover sheet)
 - Made slight changes to letter by updating web links that were broken.
- Recommended Changes 2023-2024
 - None

Outreach Project 12: “Contents Only” Flood Brochure in Both English and Spanish Mailed to Residents Who Rent Property in the SFHA or Flood Prone Areas (Target Audience)

- Date Implemented: 20 and 21 September 2023
 - The mailing list was updated based on returned mail in 2022.
- Assessment of Usefulness
 - The City mailed 868 postcards to this Target Audience (residents who rent property within mapped SFHA and flood prone areas).
- Status of 2022-2023 Recommended Changes
 - No changes were recommended.
- Recommended Changes 2023-2024
 - Update postcard message; several addresses in Willow Bend MHP were not included in mailing list; consider adjusting the target audience as the number of policies in the current mailing list is currently zero.

Outreach Project 13: Flood Brochure to Residents below Joe Pool Dam (Target Audience)

- Date Implemented: 20 and 21 September 2023
- Assessment of Usefulness
 - The City mailed 341 postcards in September 2023 to the Target Audience (areas generally within the probable breach inundation area of Joe Pool Dam).

Year	Number of Policies
2017	5
2018	9
2019	Unable to determine
2020	Unable to determine
2021	Unable to determine
2022	5
2023	5

- Status of 2022-2023 Recommended Changes

- Updated postcard message and add Mountain Creek Dam and Padera Dam Residents to 2023 outreach.
- Recommended Changes 2023-2024
 - Update target audience to generally include areas within the probable breach inundation area of Mountain Creek and Padera Lake Dams.

Outreach Project 14: Flood Brochure Mailed to Residents of Kirby Creek Erosion Area (Target Audience)

- Date Implemented: 20 and 21 September 2023
 - In 2019, City staff developed a postcard to replace the letter for this outreach project. The postcard included information in English and Spanish.
- Assessment of Usefulness
 - The City mailed 129 postcards to this target audience in September 2023.

Year	Number of Policies
2017	2
2018	0
2019	Unable to determine
2020	Unable to determine
2021	Unable to determine
2022	3
2023	2

- Status of 2022-2023 Recommended Changes
 - No changes were recommended.
- Recommended Changes 2023-2024
 - Update postcard message

Outreach Project 15: Flood Postcard for Flood Siren Locations

- Date Implemented
 - In late 2021, City staff developed a postcard for this outreach project. The sirens went live in October 2021 but have not been activated nor tested on a regular basis. The postcard gives residents information about the flood sirens located near them and what they should do in the event the sirens are sounded for a flood. The postcard included information in English and Spanish.
- Assessment of Usefulness
 - The usefulness will be assessed after the sirens are activated during a flood event.
- Status of 2022-2023 Recommended Changes
 - No changes were recommended.

- Recommended Changes 2023-2024
 - Update and mail postcards
 - Complete the standard operating procedures for activating the sirens

Outreach Project 16: Floodgate Information Postcard (Postcard not sent out this year due to both sites being out of service)

- Date Implemented
 - In late 2022, City staff update a postcard for this outreach project to reflect second gate location. The new gate location at SW 3rd St went live in September 2022. The postcard included information in English and Spanish.
- Assessment of Usefulness
 - Gives useful information to resident about what to expect when gates deploy during a flooding event.
- Status of 2022-2023 Recommended Changes
 - No changes were recommended.
- Recommended Changes 2023-2024
 - Update the postcards to not only give information to resident about what to expect when gates deploy during a flooding event but, also give information about the dangers of going around barricades.

Outreach Project 17 and 18: Mandatory Purchase Requirement Letter to Lenders, Realtors, and Insurance Agents:

- Date Implemented
 - The letters were printed in English and Spanish and mailed in September 2023. Contact information was updated prior to the mailing.
- Assessment of Usefulness

This is a FEMA-required annual mailing. Based on feedback from the insurance agent on the Floodplain Management Committee, the mailing labels were updated to resemble handwriting in hopes to increase effectiveness.
- Status of 2022-2023 Recommended Changes
 - No changes were recommended.
- Recommended Changes 2023-2024
 - Update mailing list before 2024 letters are sent out.

Outreach Project 19: Bus Driver Training at Grand Prairie ISD

- Date Implemented
 - In progress. Video of table-top storm water model has been created.
- Assessment of Usefulness
 - Ongoing development activity
- Status of 2022-2023 Recommended Changes
 - Develop a presentation that can be shared with school district so they can do self-paced on-line training.
- Recommended Changes 2023-2024
 - Get with school districts (Midlothian, Arlington, Mansfield, Grand Prairie) to provide training materials.

Outreach Project 20: “Do Not Dump” Markers

- Date Implemented
- Assessment of Usefulness
 - Environmental Services Department adds to and updates inventory of the markers. Gives residents reminders to not dump in inlets and streams.
- Status of 2022-2023 Recommended Changes
 - No changes were recommended.
- Recommended Changes 2023-2024
 - Work with Environmental Services Department to update location listing and target with social media post or newsletter article.