

Leon Valley Flood Preparedness 2025



Michael Naughton
Fire Chief
Coffee with City Council
July 26, 2025

Flood Preparedness



- Recent Major Flooding Events
 - July 2021 (Huebner Creek @ Cherry Leaf)



Major Areas of Concern



- Huebner Creek
 - Runs East to West, traverses Rimkus Park and the Huebner/Onion House Natural Area
 - LC17 Project expanded the Huebner Creek flood way above and below Rimkus Park and the Huebner/Onion House Natural Area
 - No flooding outside of the floodway where the LC17 project was completed.

Major Areas of Concern



- Huebner Creek at Rimkus Park and Natural area
 - The area is relatively flat and wide
 - There is an improved drainage culvert +/- 15' along a long portion of the Park
 - There is an unimproved drainage way through the Natural Area to Bandera Rd.

Major Areas of Concern

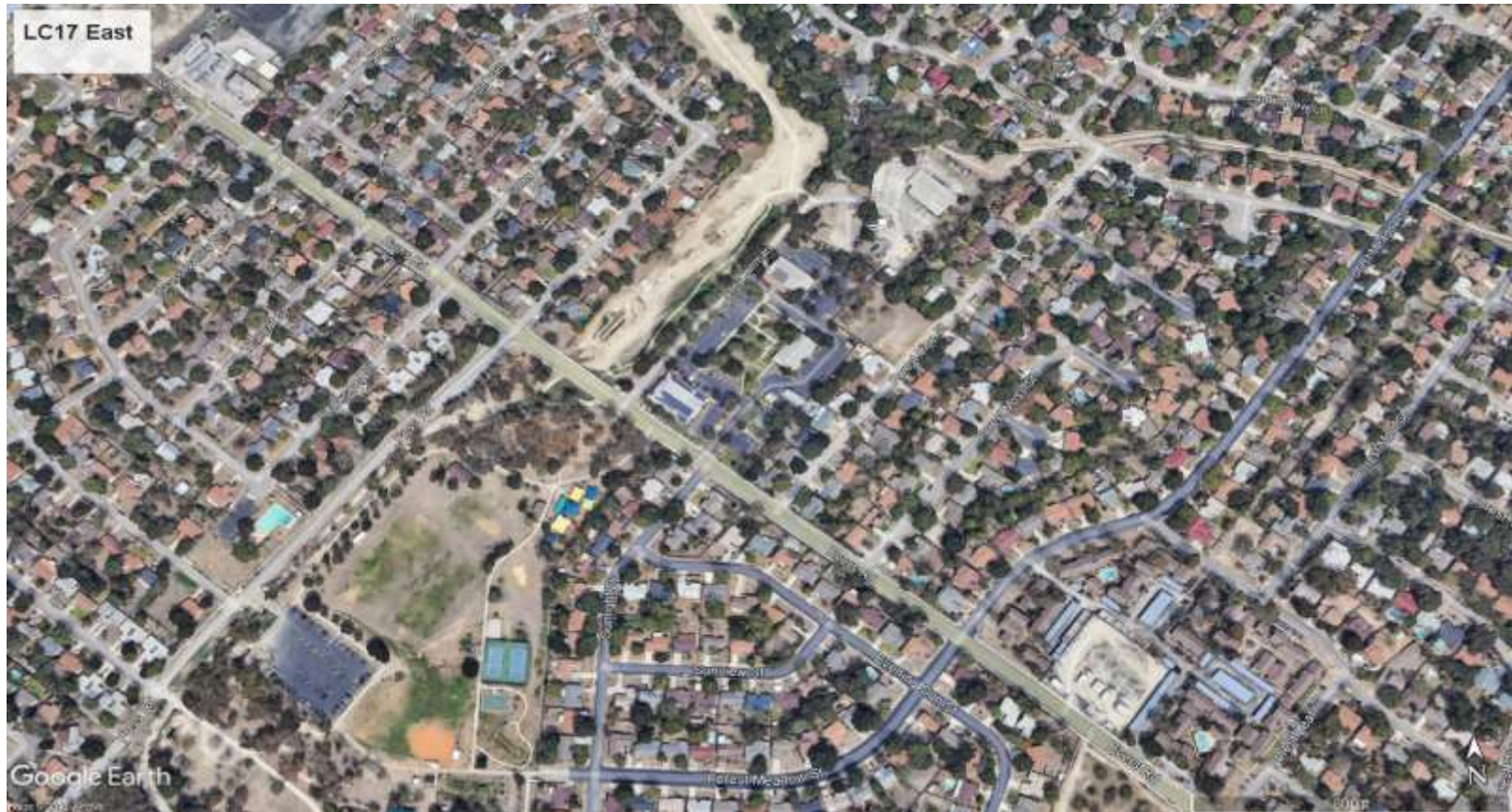


- Huebner Creek at LC17 Project
 - East, upstream, of the Park is +/- 200' wide
 - Bandera Road Bridge is +/- 125' wide
 - West, Down Stream, of Bandera Road bridge +/- 300' wide

Major Areas of Concern



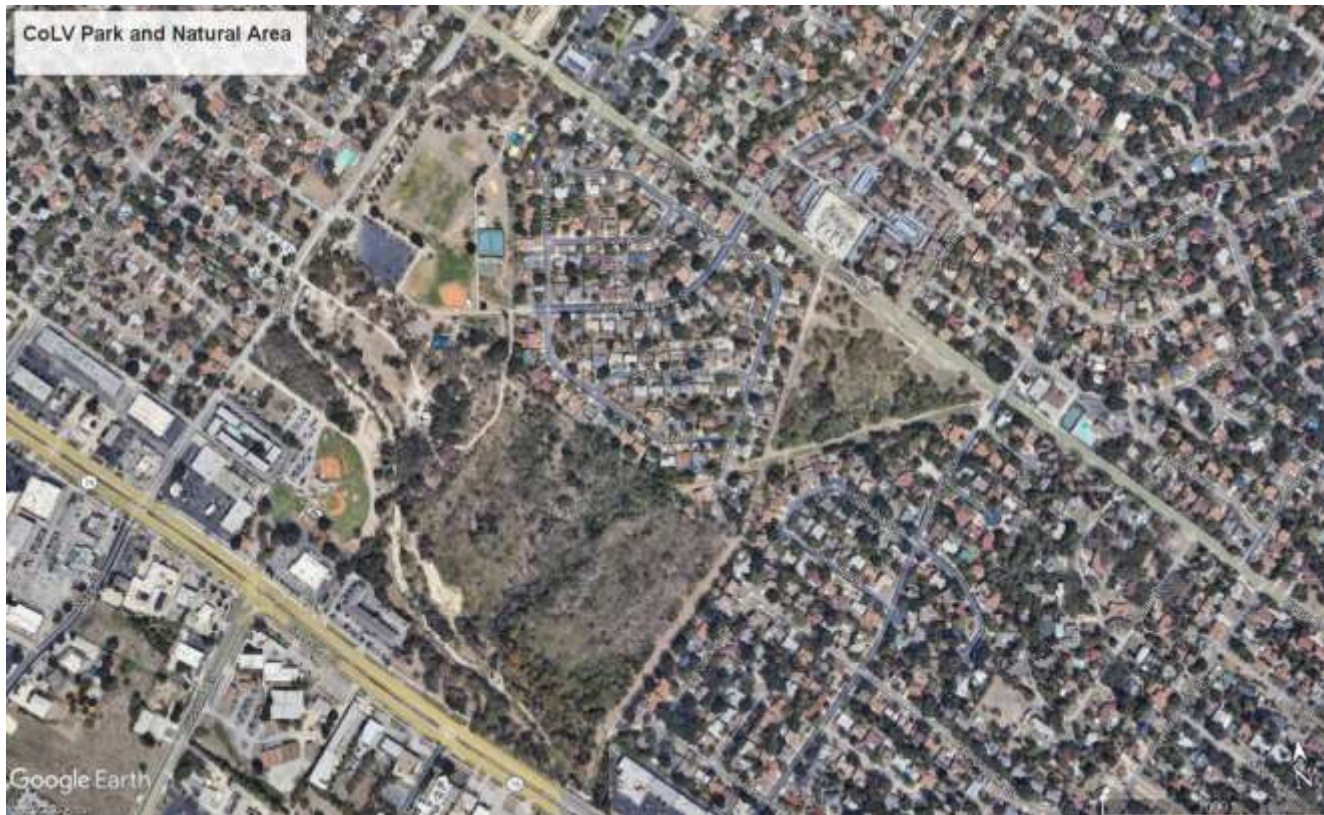
- Huebner Creek at LC17 East of Park



Major Areas of Concern



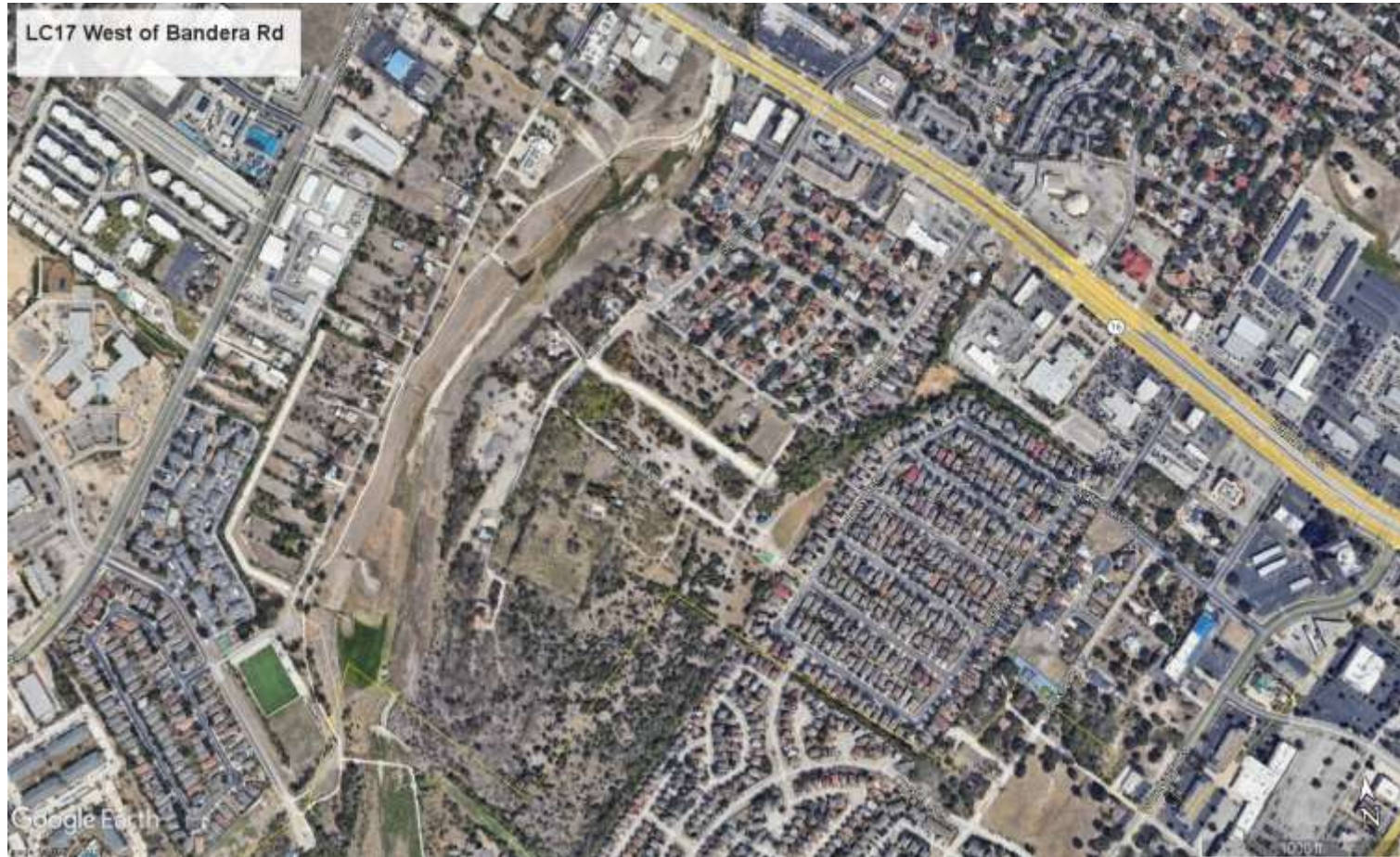
- Huebner Creek at Rimkus Park and Natural Area



Major Areas of Concern



- Huebner Creek West of Bandera Road



Major Areas of Concern



- Zarzamora Creek



Major Areas of Concern



- Zarzamora Creek
 - Potential loss of life from homeless living in the immediate area
 - No homes in the area, only businesses
 - Many of the drainage culverts are blocked with debris related to the homeless

Our Flood Warning Systems



- Huebner Creek
 - Water level transducers at multiple locations
 - All water levels are based on the road levels
 - Multiple rain gauges
 - All sensors are integrated into the One Rain System and BexarFlood.org
 - Automated reporting to LVFD

Our Flood Warning Sirens



- Huebner Creek
 - Flood warning sirens located on El Verde Road and at Public Works.
 - The siren controllers have been upgraded in March of this year.
 - Will be integrated into the One Rain system for automatic activation



Flood Gates

- Huebner Creek
 - 3 automatic flood gates and flashing warning signs on Evers Road and Poss Road.
 - 7 manual barriers located in the same immediate area to block side streets leading to this area
 - All current barriers will be replaced with new metal pipe swing are gates (ordered in May 2025)



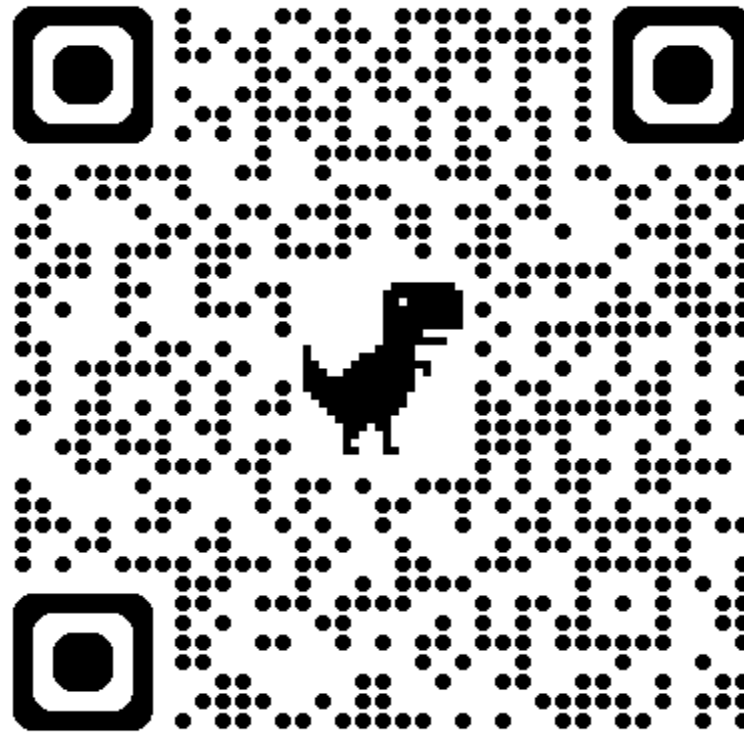
What can you do?

- Monitor changing weather conditions
 - NOAA weather radio
 - Local news apps, live feeds, radio
 - FEMA app for your phone
- Follow the recommendations on Ready.gov
- Follow Leon Valley on social media for weather updates when it affects our area
- Don't wait to be rescued, leave the area before flooding blocks your egress route
- “Turn around, don't drown”



What can you do?

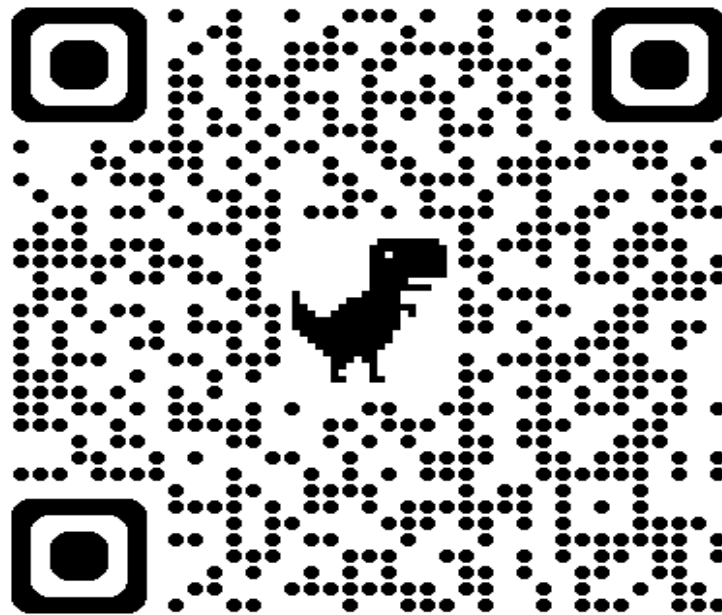
- <https://www.Bexarflood.org>





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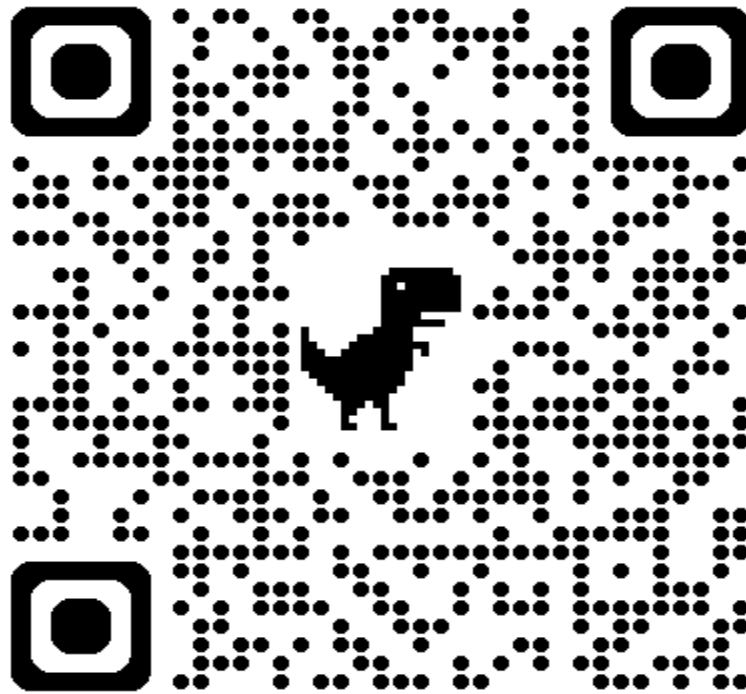
- <https://www.leonvalleytexas.gov/planning/page/floodplain-management>





What can you do?

- <https://www.ready.gov>



FERP





We need to **PLAN** for when a flooding event is imminent

P	PREPARE (prior to the event) Have an emergency checklist Have a family discussion on your emergency plan Find alternate routes of travel in case of road closures Gather supplies for people/pets in case of evacuation All Home owners NEED to Buy Flood Insurance										
	LEARN (prior to, during and after the event) Monitor the weather conditions Monitor the City of Leon Valley website www.leonvalleytexas.gov Fire Department Facebook site www.facebook.com/LeonValleyFire										
A	ACTUAL EVENT In the event of an actual flooding event, the City of Leon Valley will use a color coded system to relay severity										
	<table border="1" style="width: 100%;"> <tr> <td style="background-color: #d3d3d3;">SILVER</td> <td>Minor flooding conditions may develop</td> </tr> <tr> <td style="background-color: #ffff00;">YELLOW</td> <td>Minor flooding conditions are occurring Poss and Evers Roads are closed Raymond Rimkus Park is closed</td> </tr> <tr> <td style="background-color: #00ff00;">GREEN</td> <td>Moderate flooding conditions are occurring Anticipate flood watch siren</td> </tr> <tr> <td style="background-color: #ff0000;">RED</td> <td>Major flooding conditions are occurring Anticipate flood warning siren Residents in low lying areas should evacuate</td> </tr> <tr> <td style="background-color: #0000ff;">BLUE</td> <td>Terminate the event</td> </tr> </table>	SILVER	Minor flooding conditions may develop	YELLOW	Minor flooding conditions are occurring Poss and Evers Roads are closed Raymond Rimkus Park is closed	GREEN	Moderate flooding conditions are occurring Anticipate flood watch siren	RED	Major flooding conditions are occurring Anticipate flood warning siren Residents in low lying areas should evacuate	BLUE	Terminate the event
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N	NO MORE THREAT Review this flooding event and ascertain if you need to make changes to the Prepare and Learn sections of your Plan										
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Tune to local TV, Radio or Social Media for current weather conditions.
Prepare to Take Action!

Summary

- Leon Valley continues to improve the drainage and the floodway throughout the City
- Leon Valley Fire, Police and Public Works continually work to improve the emergency response to all natural disasters, big or small
- Residents should take a proactive stance to being prepared for all types of emergencies
- **If residents with special needs, they should make prior arrangements for special needs/transportation**

BE PROACTIVE

Comment, Questions or Concerns

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