



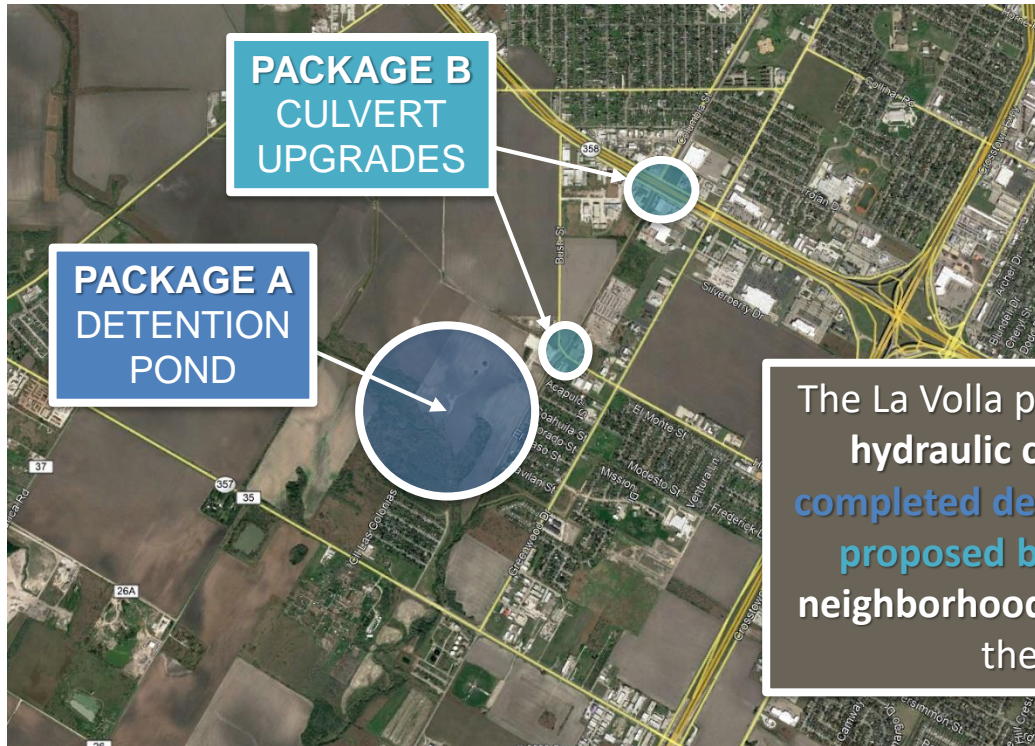
# La Volla Creek Drainage Improvements Project

Council Presentation  
July 14, 2026

Public Works | Storm Water Division



# La Volla Creek Project Locations



The La Volla project will provide increased hydraulic capacity with the **recently completed detention pond** and **additional proposed box culverts** to ensure that neighborhood flooding will be reduced in the event of a storm.



# La Volla Creek Flooding History



The La Volla Creek watershed has experienced frequent flooding during heavy rainfall events

Notable flooding:

- September 2010
- May 2015
- May 2016
- June 2018
- September 2018

NEWS > LOCAL NEWS

## La Volla Creek floods into nearby neighborhoods



By: Andrew Christiansen

Posted 6:33 PM, Jul 08, 2021 and last updated 6:35 PM, Jul 08, 2021

CORPUS CHRISTI, Texas — La Volla Creek flooding is affecting many residents in



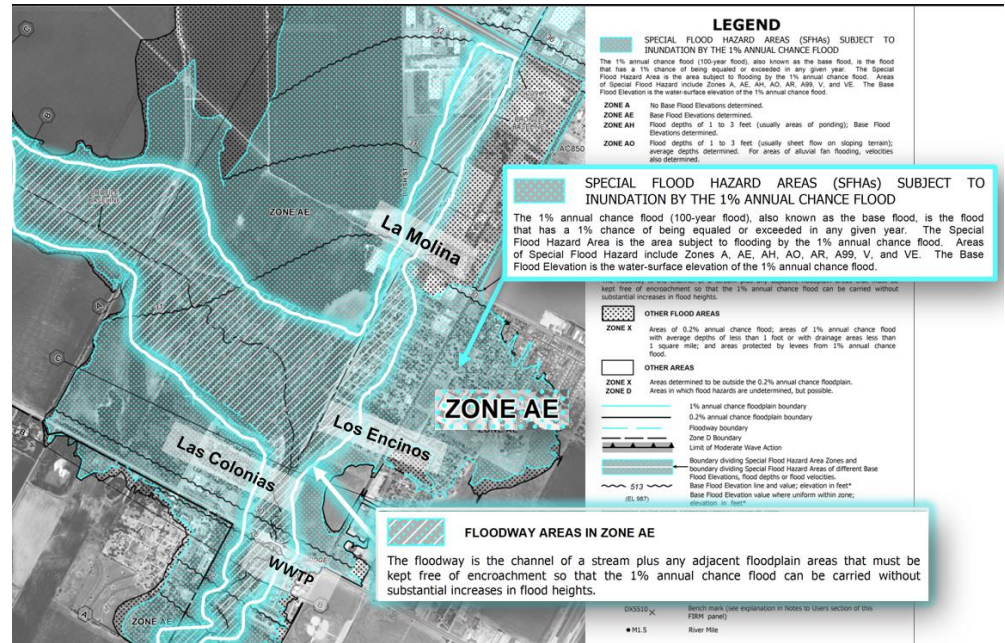
# La Volla Creek Flooding History



Most recent *Federal Emergency Management Agency* (FEMA) Map update was published in **2022**

Updated map reflects increase in **floodway** and **flood zone** area for the neighborhoods:

- La Molina
- Los Encinos
- Las Colonias



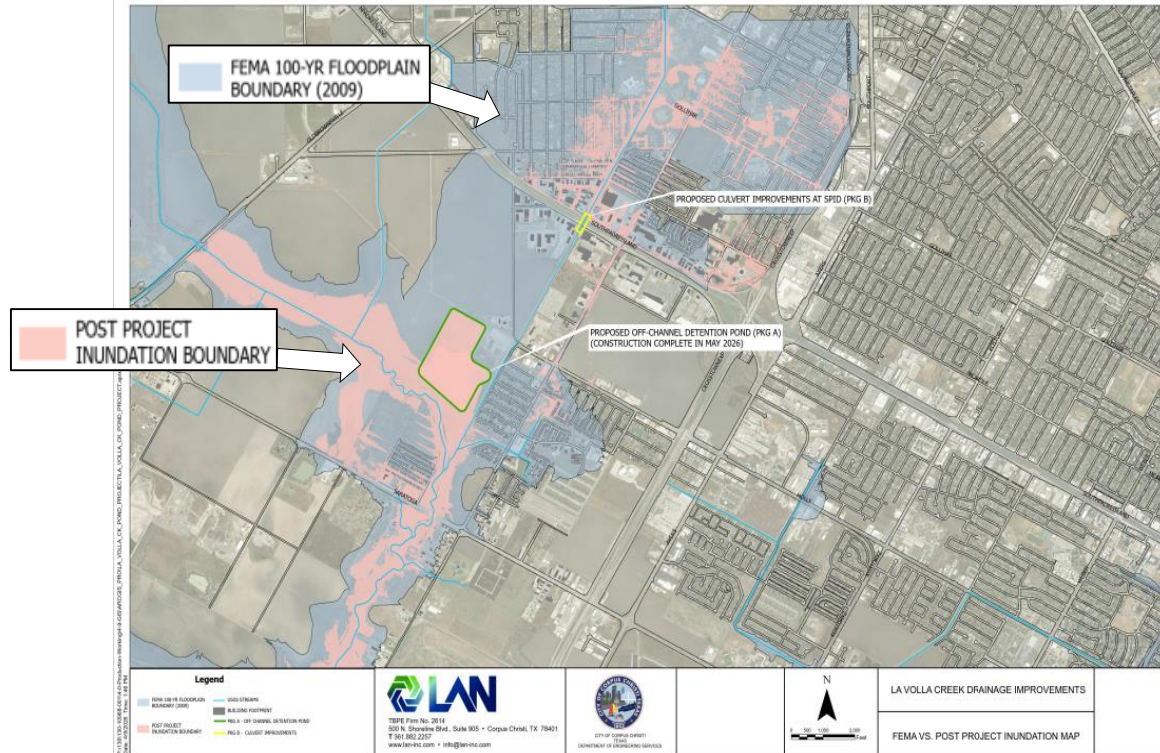


# Neighborhoods Benefitted





# Proposed Inundation Reduction





# La Volla Package A



- The purpose of Package A is to **provide flood relief to the Los Colonias and Los Encinos neighborhoods**
- Package A constructed a **130-acre detention pond**
- **Excavation was completed in March 2026**
- The pond increases the **drainage capacity** of the area and **regulates the release into La Volla Creek**
- **Substantial completion date is expected in July 2026**

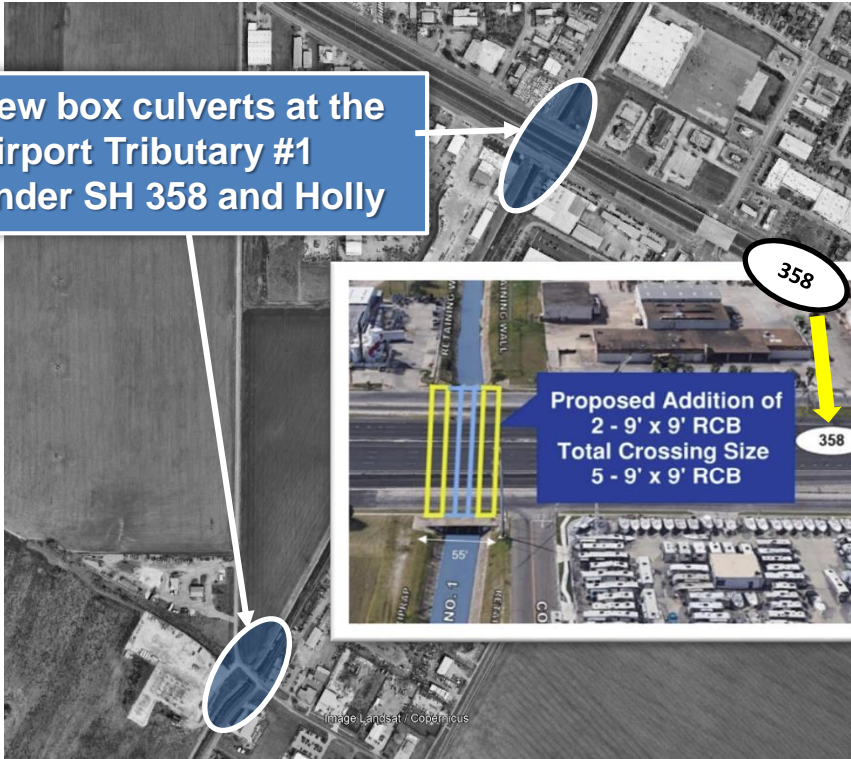





# La Volla Package B



- Package B plans completed on **6/14/2022**
- The purpose of the project is to **increase hydraulic capacity** at the existing crossings by installing two (2) additional box culverts on both sides of the existing culvert group, **effectively widening** the opening beneath **SH 358 and Holly Road**
- The additional culverts **improve conveyance from the Molina drainage area**



New box culverts at the Airport Tributary #1 under SH 358 and Holly



Proposed Addition of  
2 - 9' x 9' RCB  
Total Crossing Size  
5 - 9' x 9' RCB

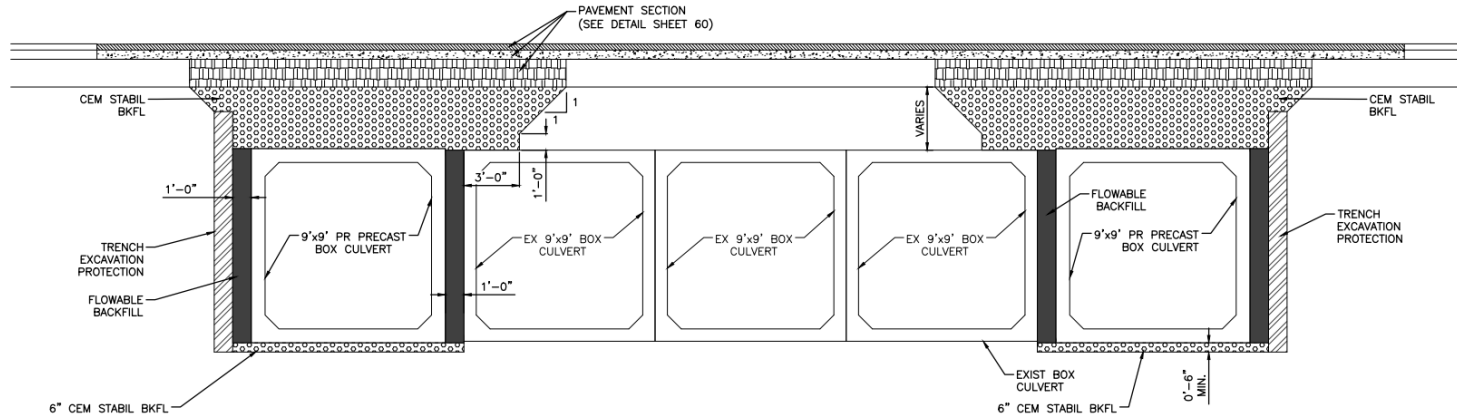


# La Volla Creek Drainage Improvements Package B



**Pending updated Utility Installation Review (UIR) and final Traffic Control Plan (TCP) coordination with TXDoT**

- Total construction time: 8 months
- Estimated construction costs: \$7.5M





# La Volla Creek Drainage Improvements Package B



- Construction funding provided by TDEM
- **75% Federal / 25% Local split** of all eligible expenses
- Local source fund: **Storm Water Capital Funds**
- **\$6.4M additional Federal funding**

Funding Source	Current	New
Federal	\$163,244.00	\$6,618,998.43
State	\$40,811.00	\$0
Local	\$995,195.00	\$2,206,332.81
<b>Total</b>	<b>\$1,199,250.00</b>	<b>\$8,825,331.24</b>



# La Volla Package B Milestones



June 2022

- Original design completion

June 2026

- Design update completion

Oct. 2026

- TxDOT agreement

Nov. 2026

- Bid date

July 2027

- Construction completion

Sept. 2027

- Revised hydraulic model

Sept. 2027

- FEMA map revision submittal

Dec. 2027

- Effective map change



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# Questions?