CITY OF LEON VALLEY
SPECIAL CITY COUNCIL AND LEON VALLEY HISTORICAL SOCIETY BOARD OF DIRECTORS JOINT WORKSHOP
Leon Valley City Council Chambers
6400 El Verde Road, Leon Valley, TX 78238
Saturday, November 21, 2026 at 9:00 AM

AGENDA

The City of Leon Valley City Council Shall Hold an In-Person Meeting with A Quorum of Members of City Council to Be Physically Present in The Leon Valley City Council Chambers, 6400 El Verde Road, Leon Valley, Texas 78238. Some Members of City Council May Appear and Participate in The Meeting by Videoconference Pursuant to The Requirements Set Forth in The Texas Open Meetings Act.

Citizens May E-Mail Public Comments To citizenstobeheard@leonvalleytexas.gov. All Other Citizen Participation May Be Provided In-Person at City Council Chambers.

1. **Call to Order; Determine a Quorum is Present, Pledge of Allegiance**

2. **Citizens to be Heard -** Citizens wishing to address the City Council for items not on the agenda will be received at this time. Please limit comments to 3 minutes. In accordance with the Open Meetings Act, the City Council is restricted from discussing or acting on items not listed on this agenda.

3. **Presentations**

   1. Presentation, Discussion, and Direction to Staff Regarding Options and Possible Solutions Huebner Creek Erosion - C. Caldera, City Manager

4. **Adjournment**

Executive Session - The City Council of the City of Leon Valley reserves the right to adjourn into Executive Session at any time during this meeting to discuss any matter listed on the posted agenda, as authorized by the Texas Government Code, including but not limited to: **Section 551.071** – Consultation with Attorney, **Section 551.072** – Deliberations about Real Property, **Section 551.073** – Deliberations about Gifts and Donations, **Section 551.074** – Personnel Matters, **Section 551.076** – Deliberations about Security Devices, and **Section 551.087** – Economic Development

Continuation of Meetings (Sec. 551.0411, Texas Government Code) - A governmental body that recesses an open meeting to the following regular business day is not required to post a new notice if the action is taken in good faith and not to circumvent the law. If a recessed meeting is continued to another day beyond the following business day, written notice of the continued meeting must be given as required by law.

Attendance by Other Elected or Appointed Officials - Members of other City boards, commissions, and/or committees may attend this meeting in numbers that could constitute a quorum. Accordingly, this agenda is also posted as a meeting notice for those boards, commissions, and/or committees. Members present may participate in discussions but may not deliberate or take action on items listed on this agenda. *[Attorney General Opinion No. GA-0957 (2012)]*

Certification of Posting - I hereby certify that the above **Notice of Public Meeting(s) and Agenda of the Leon Valley City Council** was posted at Leon Valley City Hall, 6400 El Verde Road, Leon Valley, Texas, and remained posted until the conclusion of the meeting(s). This notice is also available on the City's website at .

Accessibility: This building is wheelchair accessible. Requests for sign interpretation or other services must be made at least 48 hours in advance of the meeting. To arrange assistance, please call (210) 684-1391, Extension 212.

Saundra Passailaigue

SAUNDRA PASSAILAIGUE, TRMC
City Secretary
November 16, 2026 7:25 AM

Huebner Creek Channel Improvements – Options

David Dimaline
Public Works Director
City Council Meeting
November 21, 2026

Summary

- Question
- City Council is being asked to select an option for the Huebner Creek Channel Improvements. Today's workshop will outline the two options for the Huebner Creek Channel Improvements.
- Options
  - Select an improvement option
  - Deny options
  - Other
- Declaration
  - At Council discretion

Purpose

- Select a channel improvement option based on previous presentations for the Huebner Creek Channel Improvements. Today's workshop will outline two options for the Huebner Creek Channel Improvements.

Background

- The original plan was explained at the February 24, 2024, City Council meeting
- To minimize the number of trees that would have had to be removed, the City Council asked that the project be aligned with the existing layout of the creek
- The Council also asked that the channel be made of concrete to prevent further erosion of the banks
- The Council asked to explore isolated riprap options to improve slope stability at certain locations

Background

- The City Engineer provided 4 design options for consideration
- These were presented at the 10/21 Council Meeting
- The City Council provided direction to move forward with two of the four options and schedule a City Council workshop to discuss the remaining two options

Design Options

	Option 1	Option 2
Details	Concrete Riprap with No Channel Grading	Isolated Slope Stabilization at Poss Road & Onion House
Channel Grading Provided	No	No
Property Acquisition Needed	Yes	No
Floodplain Boundary Improved	No	No
Trees Need to be Removed	63	31
Parcels Removed from Existing Floodplain	0	0
Cost of Construction	$2,850,000	$940,000

Option 1

Concrete Riprap On the South Side w/ No Channel Grading

- No Modifications to the Existing Channel Geometry
- Approx. 14,000 SY of Concrete Riprap on South Side
- Property Acquisition of Northwest Little League Parcel (Prop ID:217813)
- Removal of Roughly 63 Trees
- Erosion Protection Throughout the Natural Channel Alignment
- No Improvements in Effective Floodplain Boundary Limits

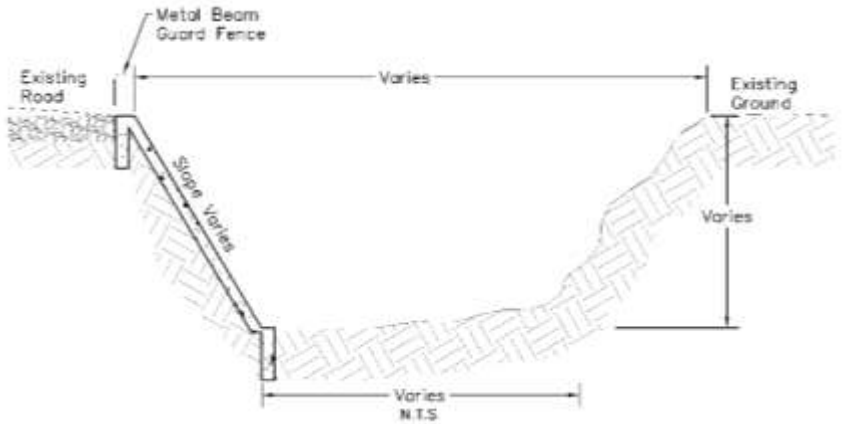
Option 1 - Exhibit



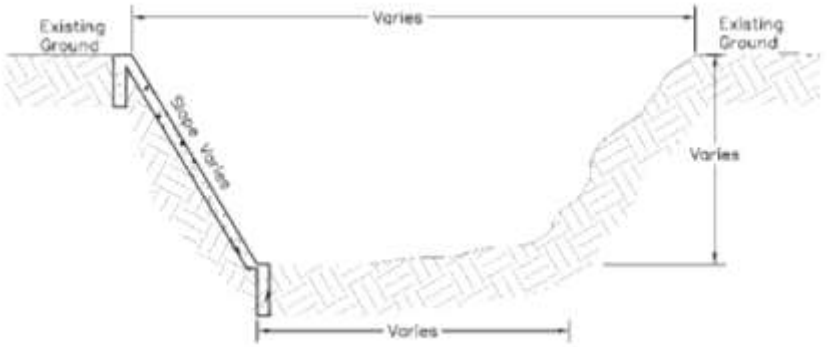
Option 2

Isolated Slope Stabilization at Poss Road and Onion House

- No Modifications to the Existing Channel Geometry
- Approx. 2,700 SY of Concrete Riprap at Poss Road
- Approx. 1,850 SY of Concrete Riprap Behind Onion House
- Removal of Roughly 31 Trees
- No Improvements in Effective Floodplain Boundary Limits

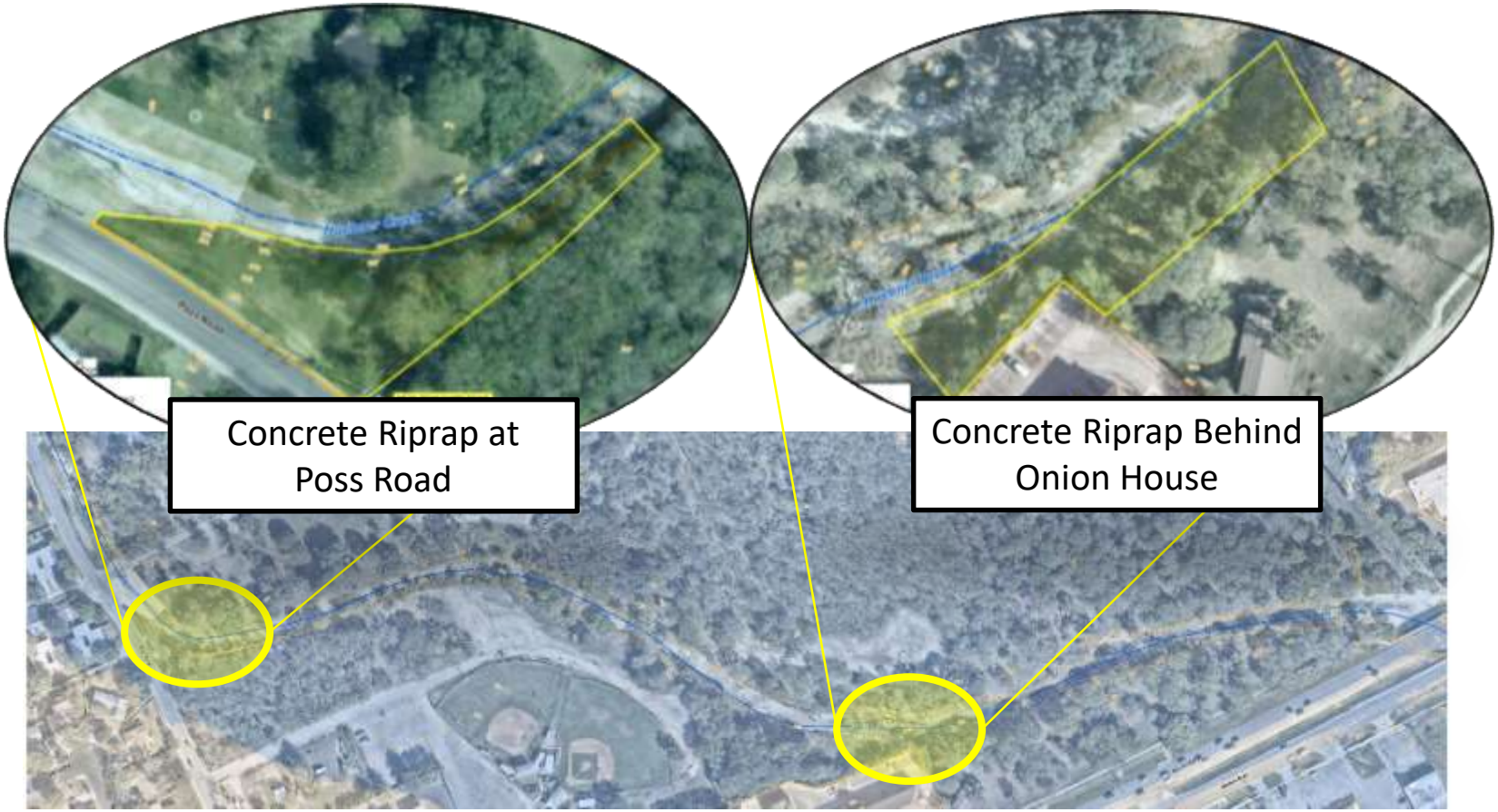


Typical Section at Poss Road



Typical Section behind Onion House

Option 2 - Exhibit



Tree Removal Summary

- **Option 1**
  - Concrete Riprap on South Side W/ No Channel Grading 63
- **Option 2**
  - Isolated Channel Slope Stabilization at Poss Road and Onion House 31

Fiscal Impact

- **Option 1**
  - Concrete Riprap on South Side W/ No Channel Grading $2,850,000
- **Option 2**
  - Isolated Channel Slope Stabilization at Poss Road and Onion House $940,000

Design Options

	Option 1	Option 2
Details	Concrete Riprap with No Channel Grading	Isolated Slope Stabilization at Poss Road & Onion House
Channel Grading Provided	No	No
Property Acquisition Needed	Yes	No
Floodplain Boundary Improved	No	No
Trees Need to be Removed	63	31
Parcels Removed from Ex. Floodplain	0	0
Cost of Construction	$2,850,000	$940,000

Technical Memo – Huebner Creek Drop Structure Improvements

- Purpose was to evaluate alternatives for mitigating ongoing erosion affecting the Huebner Onion Homestead
- To protect this historic site from continued channel degradation/bank instability by assessing the feasibility of implementing a drop structure within Huebner Creek
- Analysis by Ardurra evaluates two primary components
  - 1) Removal of existing flowable fill associated with the Recycled Water Main
  - 2) Potential placement of a drop structure within Huebner Creek between the Little League Baseball Field and Bandera Rd. bridge

Technical Memo – (Continued)

- Effective hydraulic conditions were obtained from the SARA database and used as the basis of comparison for analysis
- **Alternative 1 – Removal of Existing Flowable Fill at the Recycled Water Main Crossing**
  - Removal of the SAWS sewer main and recycled water main flowable-fill obstruction did not produce a significant change in the 100-year water-surface elevations
  - Analysis shows that while the utility crossings contribute to localized backwater effects, their removal alone does not substantially alter the overall hydraulic profile in the vicinity of the Huebner Onion Homestead

Technical Memo – (Continued)

- **Alternative 2 – Proposed Drop Structure Between Little League Baseball Field and Bandera Rd. Bridge Crossing**
  - Incorporates all modifications included in Alternative 1, but includes 550’ of channel grading, installation of 1’ drop structure, and construction of 3H:1V concrete rip rap (slide slope protection)
  - Model shows drop structure produces localized reductions in water-surface elevation, with greatest decrease of 1.49 feet at Cross Section 15295
  - Overall, results indicate modifications generate localized decreases in depth accompanied by predictable increases in velocity
  - Estimated construction cost is $1.54 million including drop structure, channel grading, and concrete riprap along both side slopes to prevent erosion

Technical Memo – (Continued)

Conclusion

- The hydraulic benefits gained from Option 2 are minimal and do not improve existing flood or erosion conditions
  - There was no substantial water surface elevation or velocity decreases with the addition of a drop structure
- Given the high-cost relative to limited benefit, the proposed improvements are not recommended
- Additionally, the analysis confirms the existing SAWS sewer line crossing and recycled water main crossing already function as a drop structure

Recommendation

- At City Council discretion

Goals & Objectives

- C. **Infrastructure:** to enhance the quality of life in Leon Valley by investing in sustainable infrastructure and a strategic capital improvement plan that supports growth, safety, and economic vitality.
  - 2. **Upgrade Utilities & Public Services** – Agree to budget for initiatives that invest in water, sewer, and drainage infrastructure to ensure reliability, sustainability, and capacity for future growth.