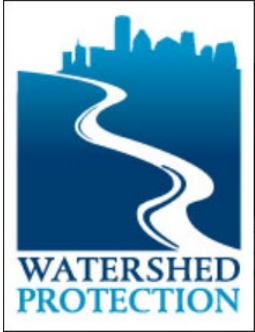


# **Old Lampasas Dam**

**Public Meeting  
March 2023**

# Introductions



Project Sponsor:  
David Trujillo, P.E.



Javier Ramirez, P.E.



Project Manager:  
Minda Sarmiento, P.E.



Project Consultants:  
Kim Patak, P.E.  
Will Huff, P.E.

**PUBLIC  
WORKS**

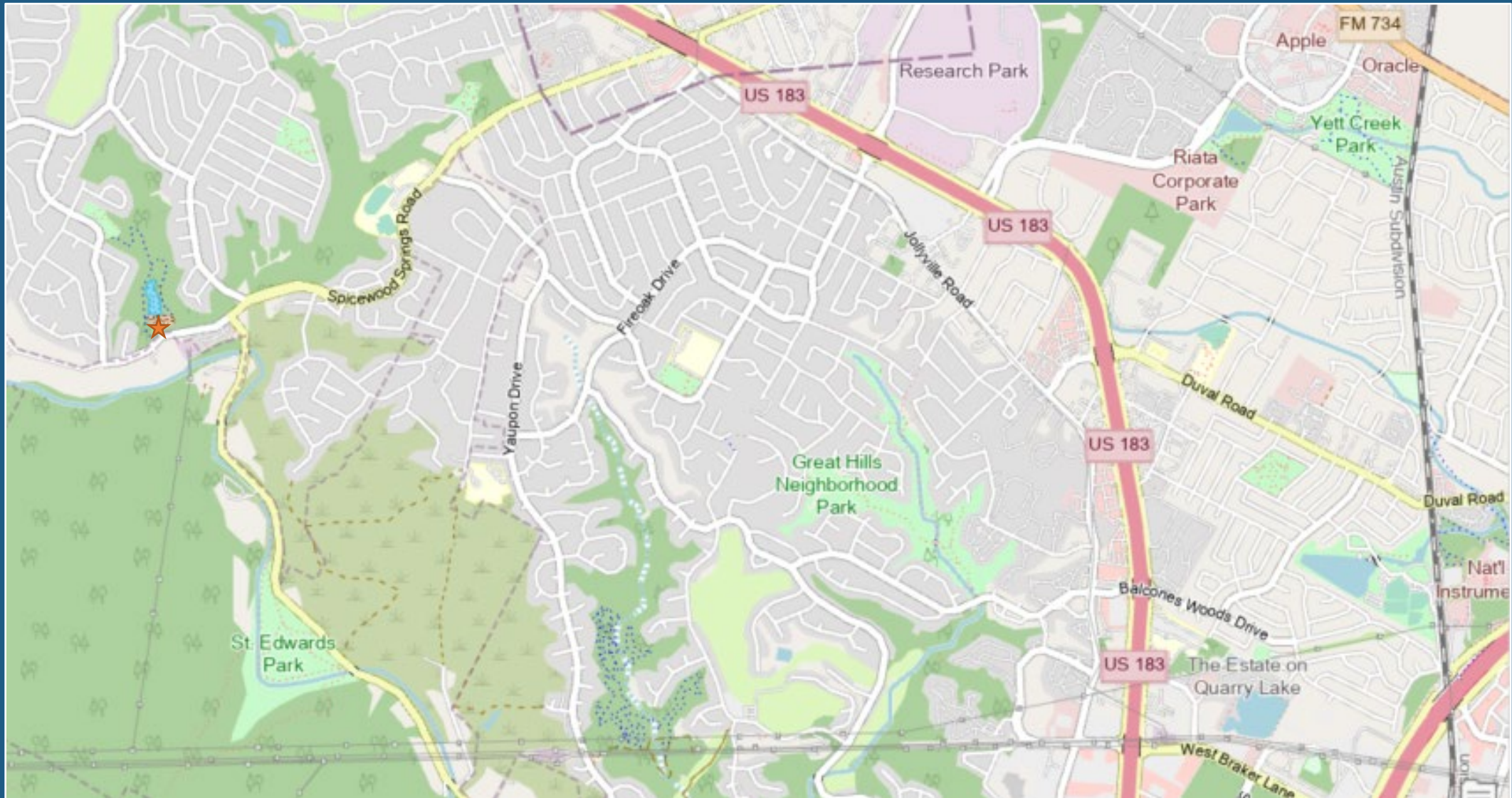


# Agenda

- Welcome and Introductions
- Project Background
- Project Elements & Status
- Next Steps & Impacts
- Questions

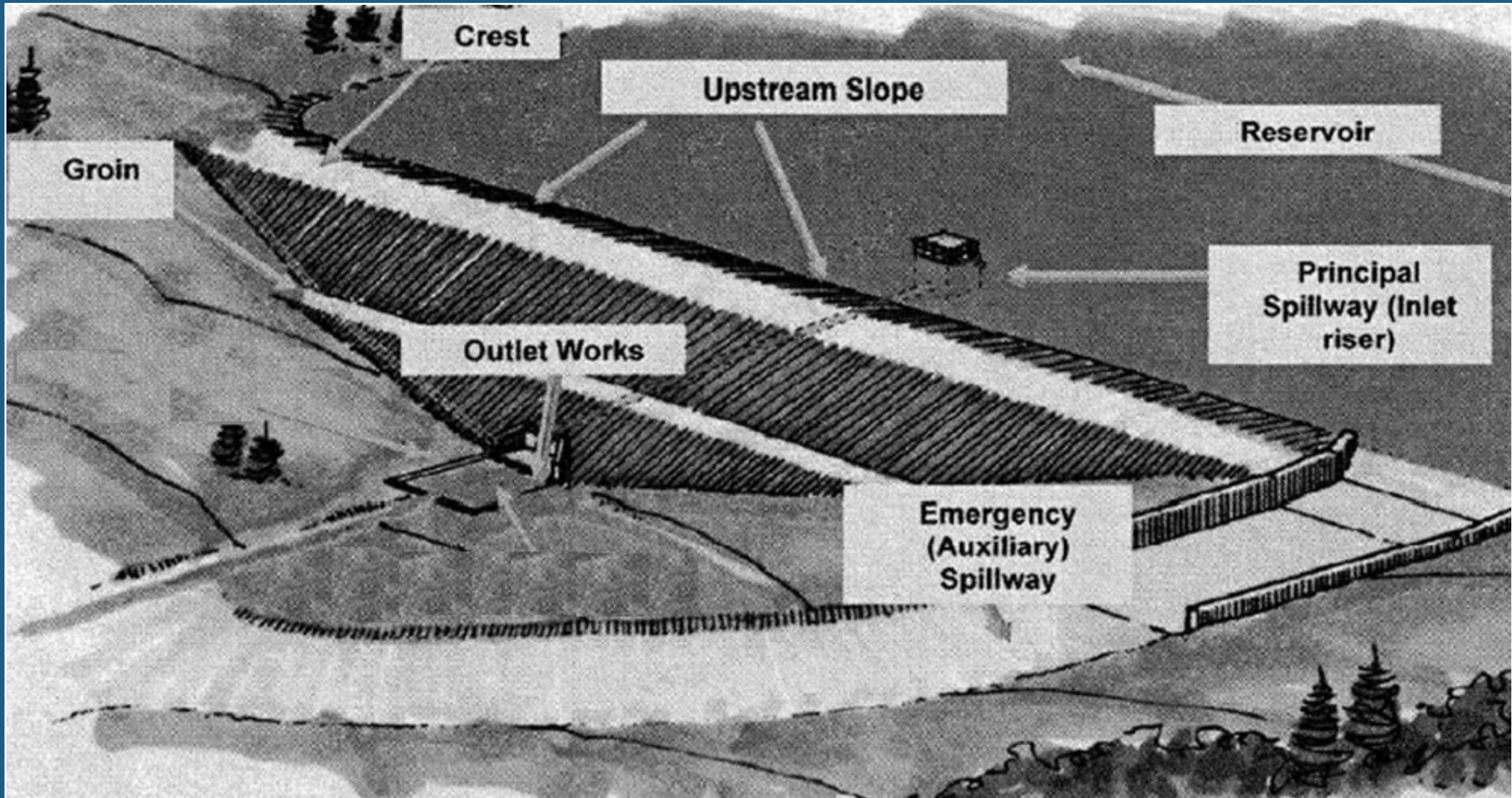




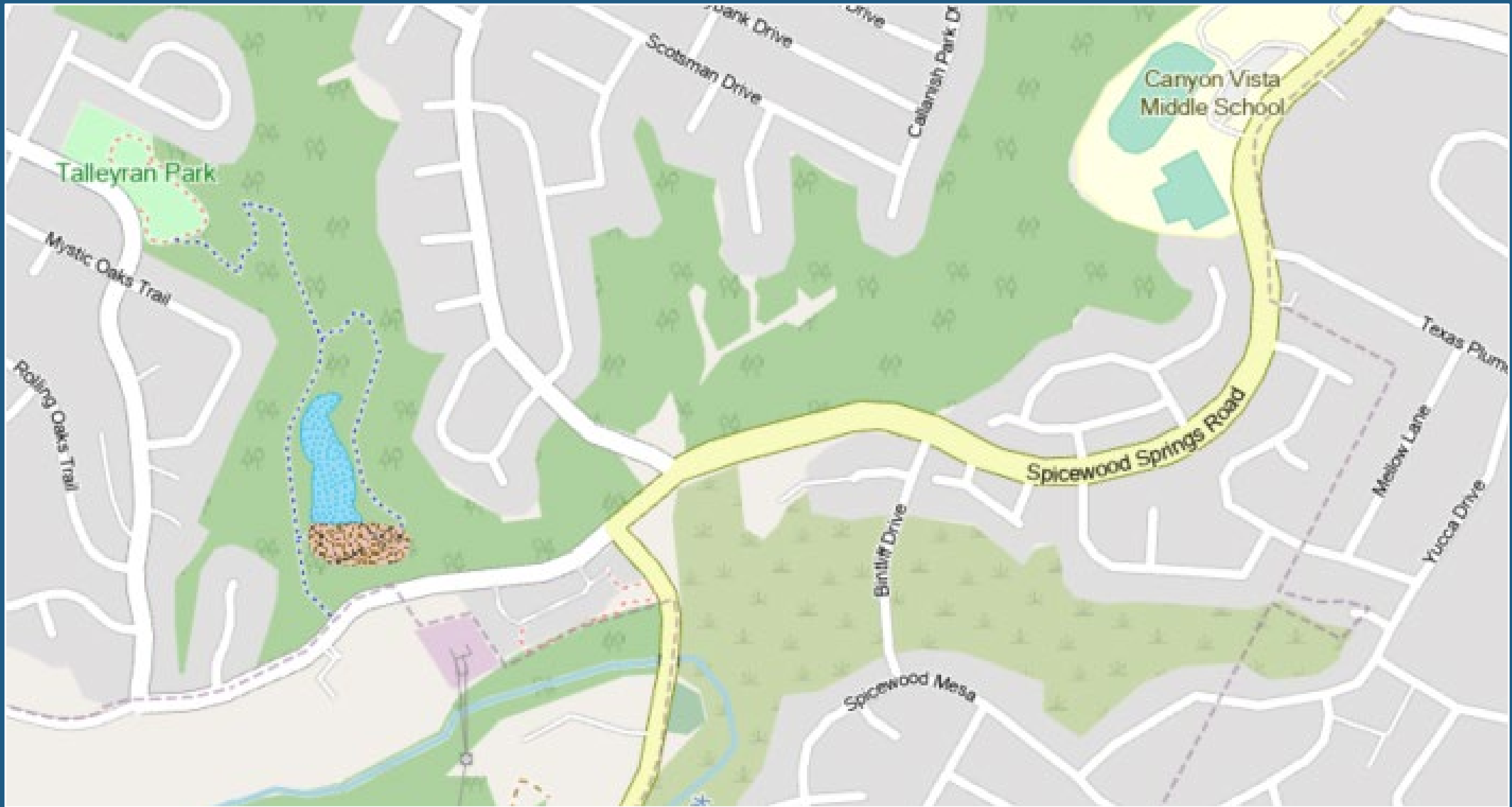




# Typical Dam Elements











# Project Background

- **1984:** Dam built
- **1997:** Parcel annexed as parkland
- **September 2010:**
  - Service spillway damage
  - TCEQ coordination
- **Summer 2011:** Project PER begins
- **Spring 2013:** Preliminary Engineering Phase (PER) final alternative selected
- **2014:** Project on hold
  - Army Corps & US Fish and Wildlife permits
  - Funding
  - PARD Coordination
- **Spring 2018:** Project restarted

09/10/2010 09:54





# Project Design Scope

- Replace existing 60-inch diameter principal spillway with 42-inch diameter pipe
- Installation of a new intake structure and low flow riser upstream of the dam
  - Provide extended detention benefits
- Replacement of the existing wastewater line upstream of the centerline of the dam





# Project Design Scope

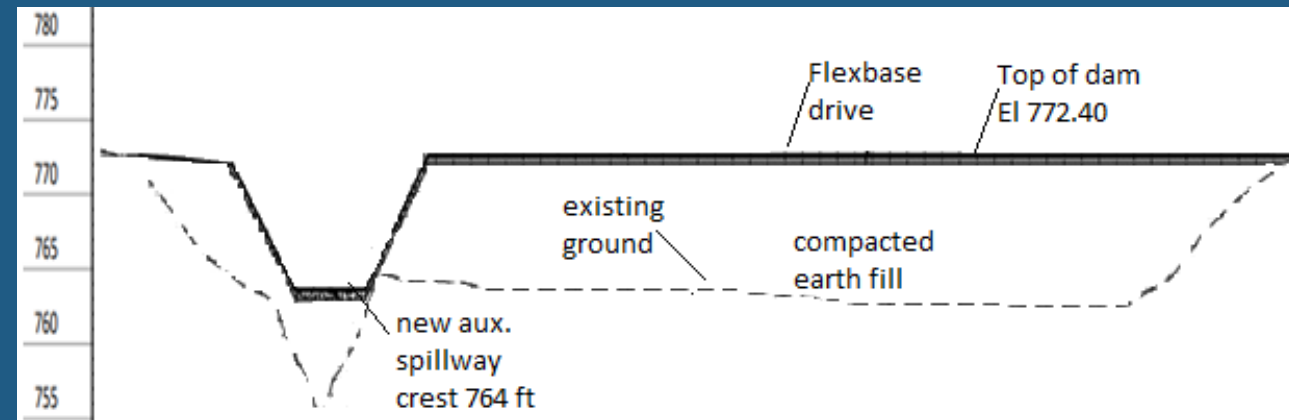
- Installation of a new concrete headwall for the principal spillway
- Armoring of the existing plunge pool
- Construction of a new auxiliary spillway
- New maintenance drive to give the City access to maintain the dam





# Project Design Scope

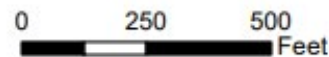
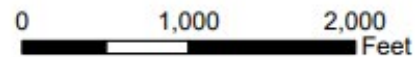
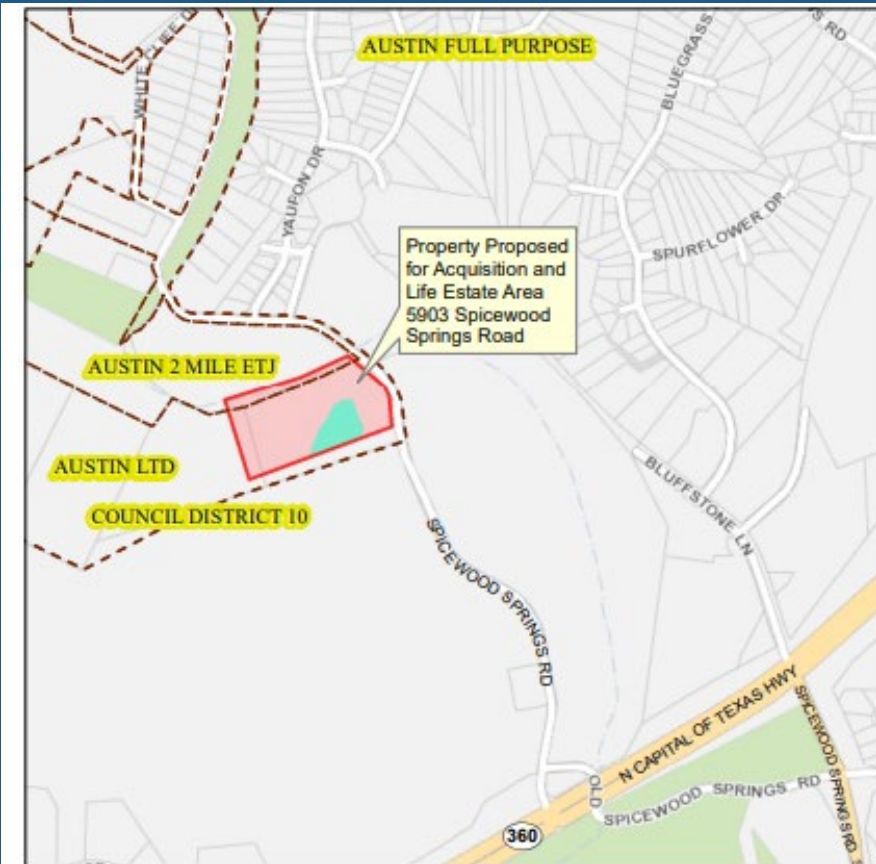
- Removal of existing trees and boulders on dam footprint
- Grading and resurfacing of embankment slopes for increased stability
- Raise dam to contain the worst case scenario flood (Probable Maximum Flood) for dam safety purposes





# Tree Mitigation

- Project partnered with PARD to acquire property located at 5903 Spicewood Springs



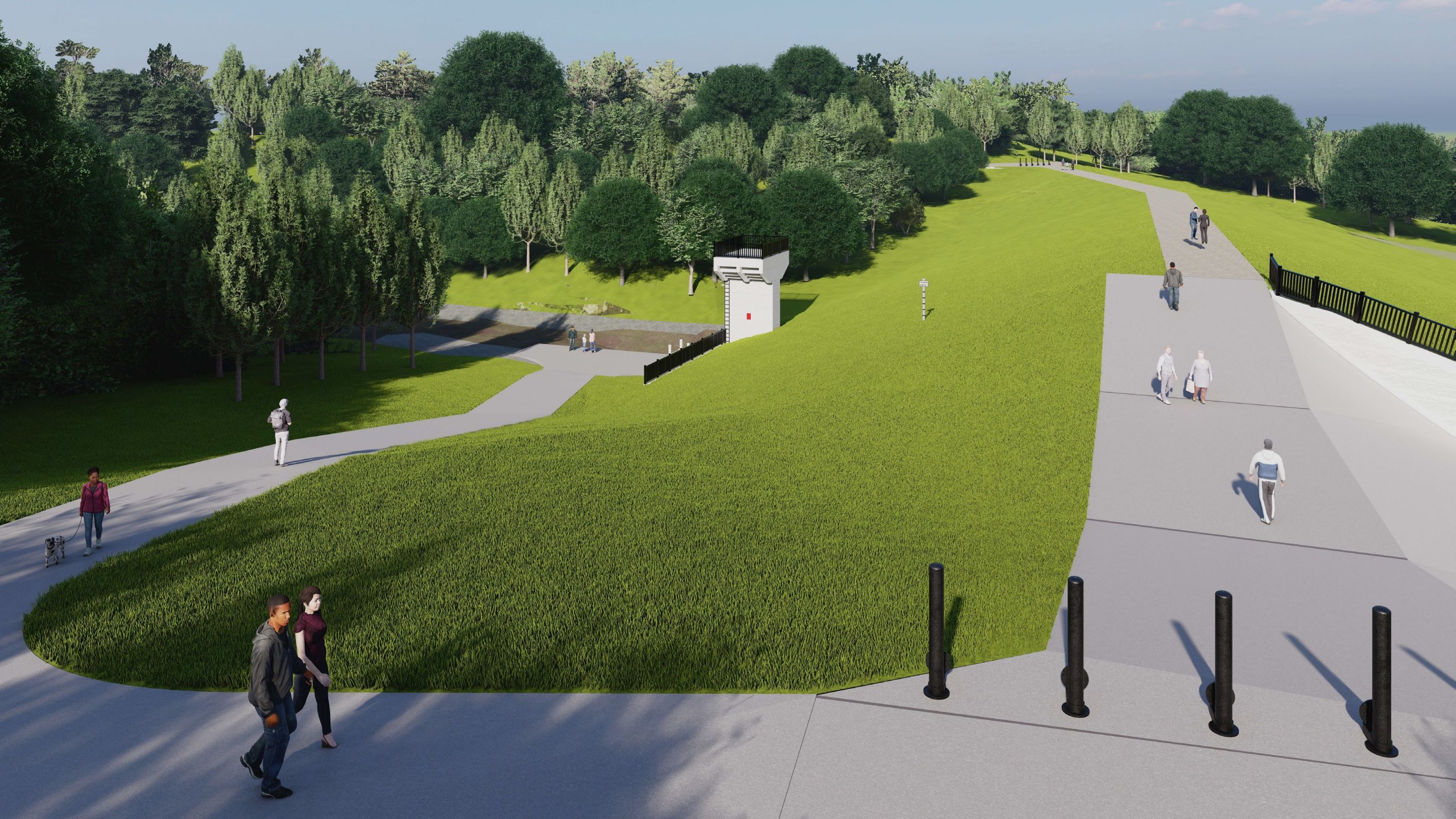


# Project Design Scope

- Installation of a new Flood Early Warning System
- Improve habitat for Jollyville Plateau Salamander
- Approximately \$10 Million construction cost









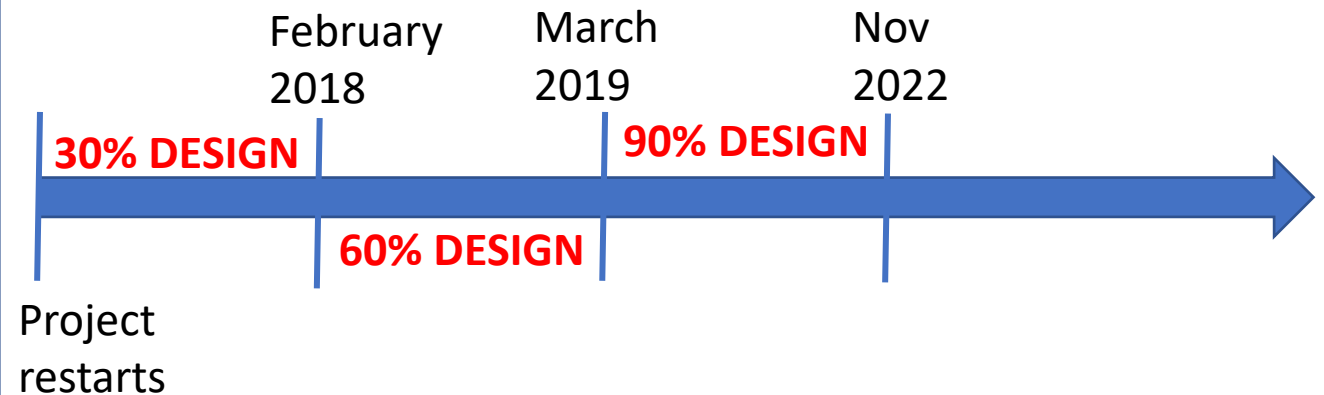




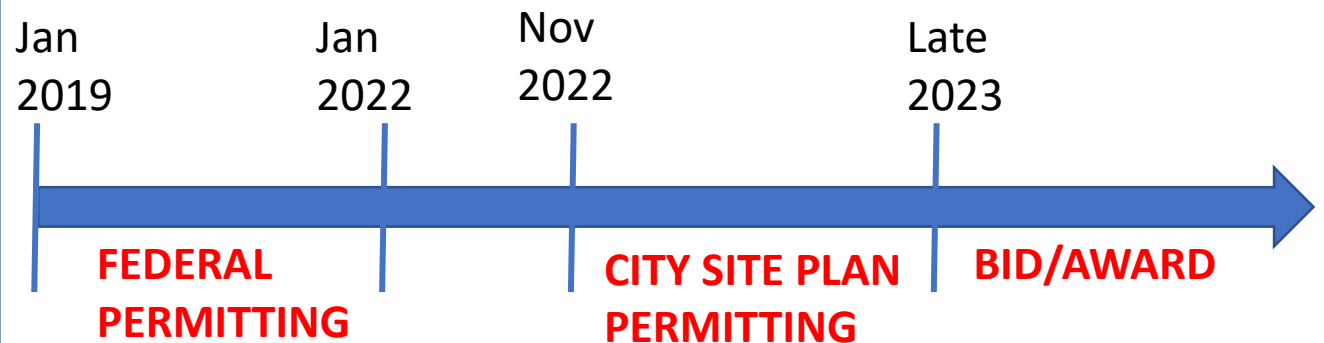
# Project Status Timeline

- Summer 2018:
  - Review 30% design
  - Update models to Atlas14 rainfall
  - New survey needs
  - Utility location in project area
- Spring 2019: 60% design plans
  - U.S. Army Corps of Engineers and U.S. Fish and Wildlife Service coordination

## DESIGN PHASE



## PERMITTING TIMELINE

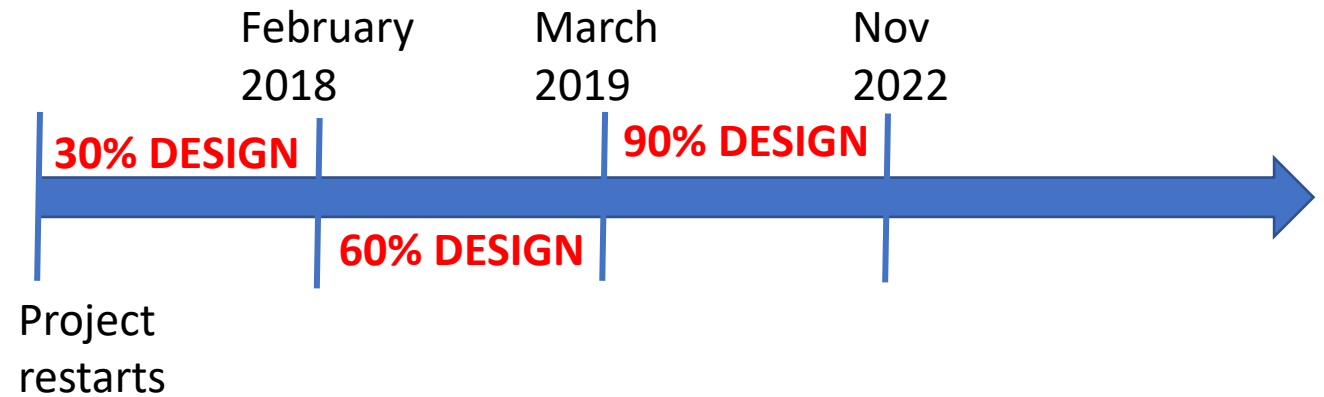




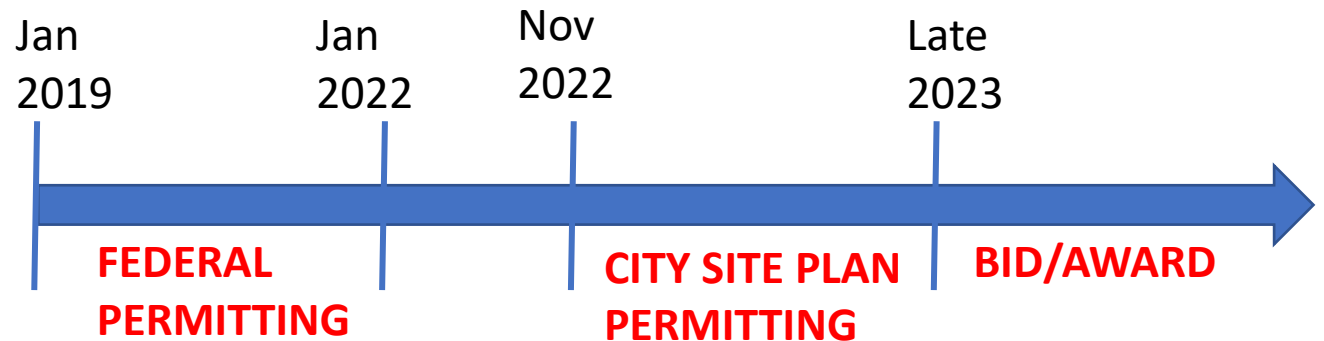
# Project Status Timeline

- Early 2022
  - Federal permits obtained
- Fall 2022
  - 90% design
  - Start COA permitting
- *Late 2023*
  - *Obtain COA Permit*
  - *Bid/Award*
- *Early 2024*
  - *Start Construction*

## DESIGN PHASE



## PERMITTING TIMELINE



# Possible Construction Impacts

- Trail closures (detours)
- Truck staging and traffic (no closure)
- Boulder and tree removal
- Material and equipment staging areas





## Next Steps

- Obtain City Permit
- Advertise for Bid/Award
- Conduct Meet the Contractor Meeting
- Start Construction
- Construction length: ~16 months



***Project Manager:***

Minda Sarmiento, P.E. - Minda.Sarmiento@austintexas.gov

***Watershed Protection Department Project Sponsor:***

David Trujillo, P.E. - David.Trujillo@austintexas.gov

***Austin Water Project Sponsor:***

Javier Ramirez, P.E. - Javier.Ramirez@austintexas.gov

***PARD Contact:***

Greg Montes: - Gregory.Montes@austintexas.gov

***Consultant:***

Kimberly Patak, P.E. - KKP@freese.com

Will Huff, P.E. - Will.Huff@freese.com

***Project website:***

[www.austintexas.gov/department/old-lampasas-dam-modernization](http://www.austintexas.gov/department/old-lampasas-dam-modernization)





**Questions?**



# Ground Rules

Everyone is encouraged to participate

**1. Step up, step back**

Please be brief and to the point. Let others have an opportunity to speak.

**2. Mute, Unmute**

When called upon, unmute your microphone. One person speaks at a time. When you finish speaking, please be sure to put yourself back on mute.

**3. Be Mindful**

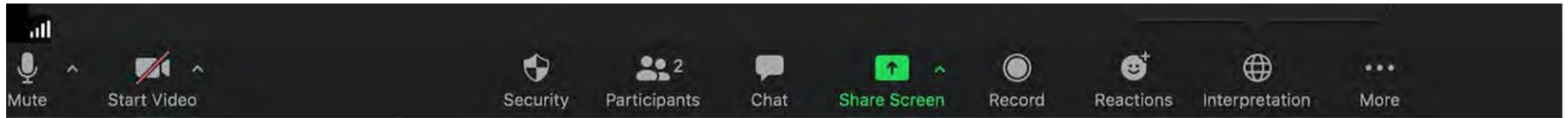
Please be respectful of staff and other attendees. Demeaning, derogatory, disruptive, inflammatory, threatening or vulgar language or actions will not be permitted and may result in attendee(s) being removed from the meeting.



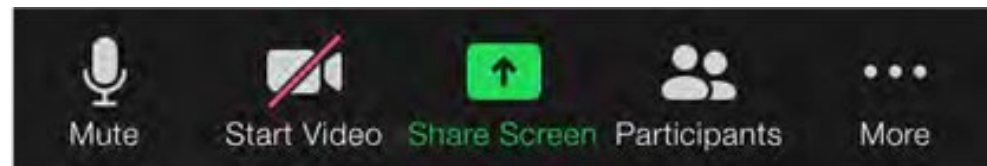
# Question and Answer

## How to Ask Questions

1. Click on Chat to type your question.
2. Click on Reactions to raise your hand.



3. On a phone, click on "More" to access the chat or raise your hand.



***Project Manager:***

Minda Sarmiento, P.E. - Minda.Sarmiento@austintexas.gov

***Watershed Protection Department Project Sponsor:***

David Trujillo, P.E. - David.Trujillo@austintexas.gov

***Austin Water Project Sponsor:***

Javier Ramirez, P.E. - Javier.Ramirez@austintexas.gov

***PARD Contact:***

Greg Montes: - Gregory.Montes@austintexas.gov

***Consultant:***

Kimberly Patak, P.E. - KKP@freese.com

Will Huff, P.E. - Will.Huff@freese.com

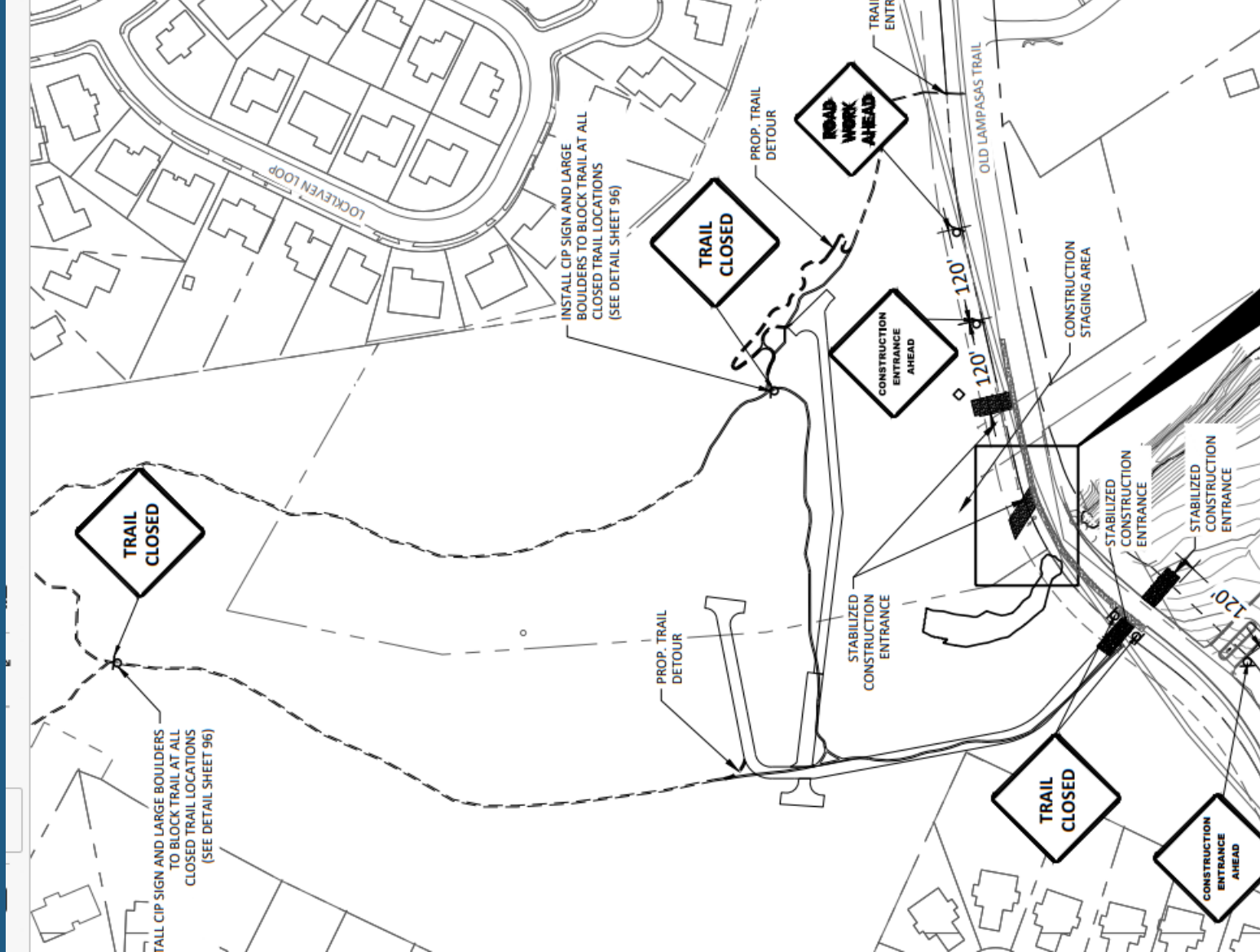
***Project website:***

[www.austintexas.gov/department/old-lampasas-dam-modernization](http://www.austintexas.gov/department/old-lampasas-dam-modernization)





# ATX FLOOD SAFETY





**ATX FLOOD SAFETY**

