

ATX

FLOOD SAFETY

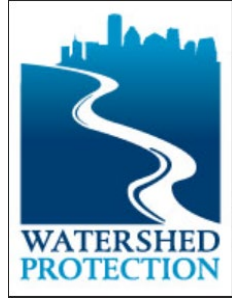
[Old Lampasas Dam]

TX07295

Environmental Commission
November 2023



Introductions



Project Sponsor & Team:
Marie Lancaster, E.I.T.
Henry Price, P.E.



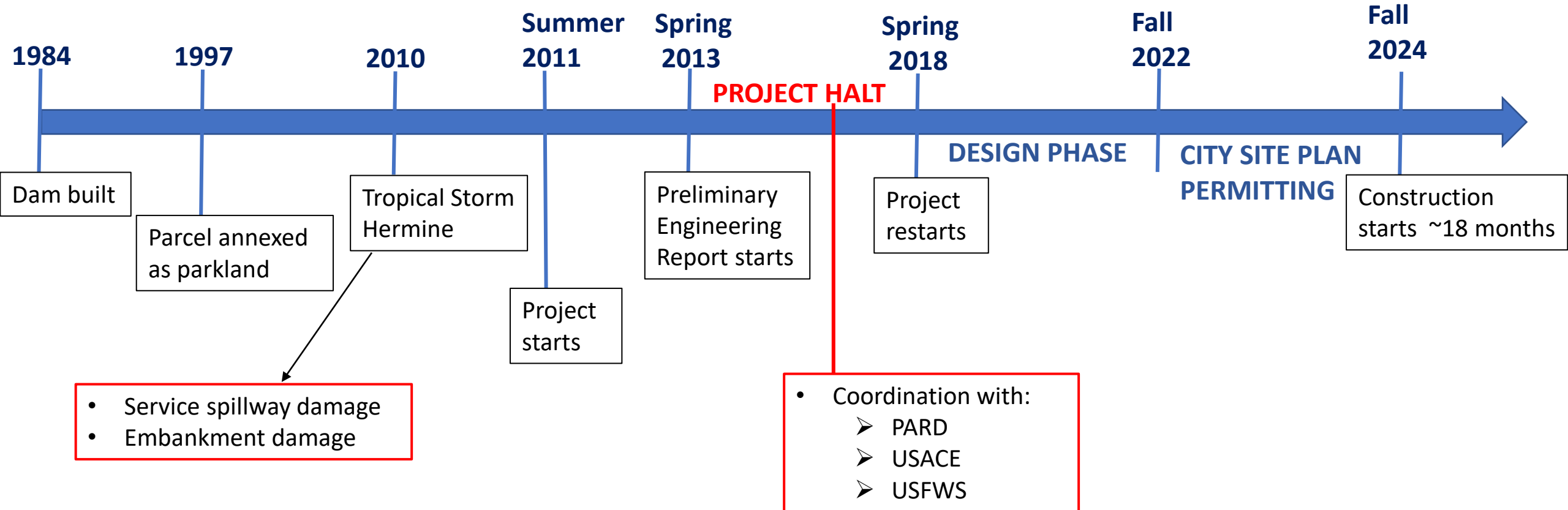
Project Manager:
Minda Sarmiento, P.E.



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

“Watershed Protection protects lives, property and the environment of our community by reducing the impact of flood, erosion and water pollution.”

Project History



Permitting Timeline

Early
2022

**FEDERAL
PERMITTING
OBTAINED**

Fall
2022

**CITY SITE PLAN
PERMITTING STARTS**

90% DESIGN

Early
2024

BID/AWARD

Fall
2024

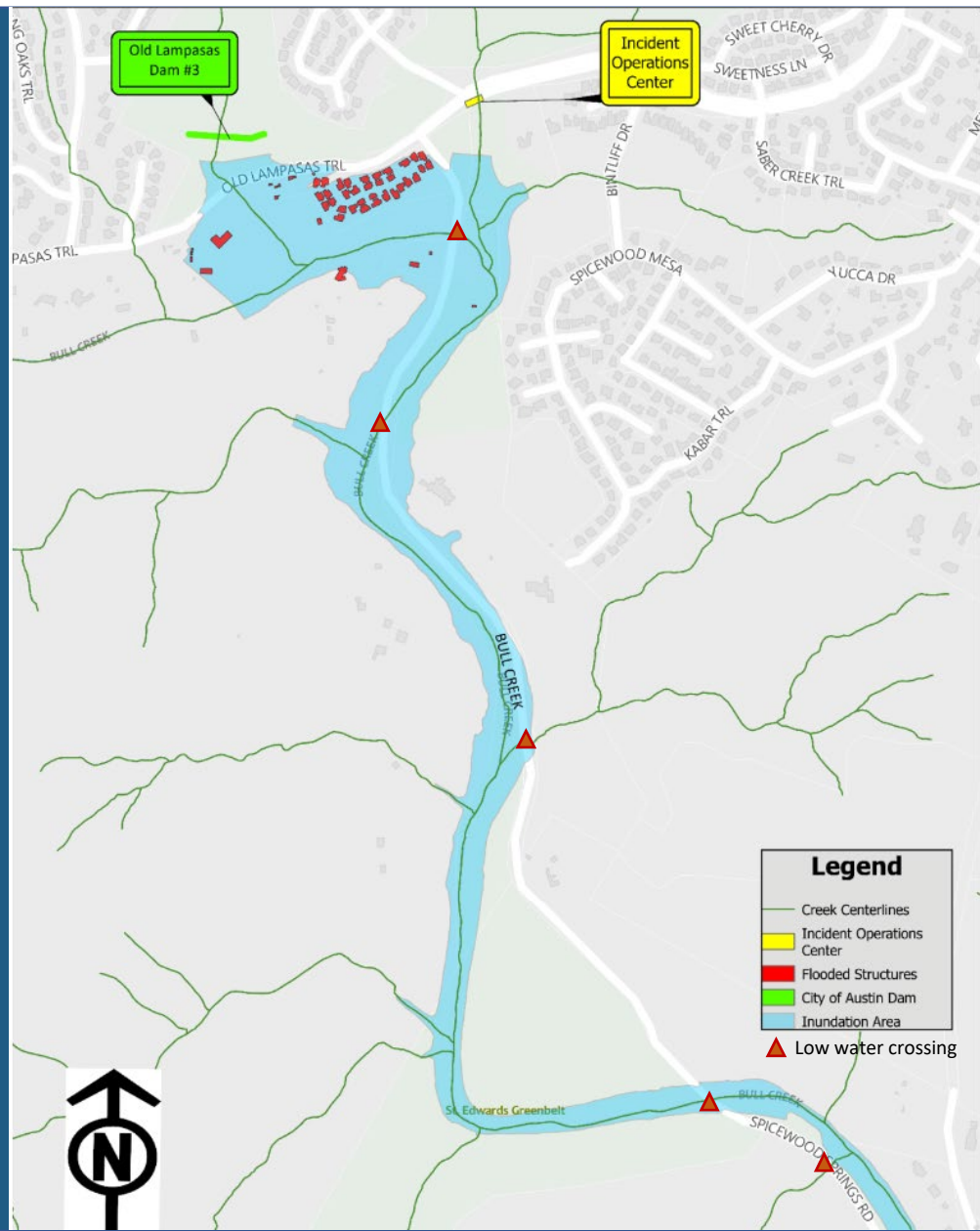
CONSTRUCTION



TCEQ Dam Safety Program

- Texas Administrative Code Title 30, Part 1, Chapter 299: Dams and Reservoirs
 - Old Lampasas is a high hazard dam
 - Recent TCEQ inspections – Poor condition
 - severe deterioration of the service spillway pipe
 - holes on the slopes and dense overgrowth of trees and brush on the embankment
 - does not safely pass 75% of the Probable Maximum Flood (PMF)





Inundation Map

- Over 30 downstream structures at risk of flooding
- 2 roads at risk of flooding
- 6 low water crossings at risk of flooding

Project Recap

- Repair severe deterioration of Old Lampasas Dam
- Meet City and State Dam safety criteria
- Provide additional water quality
- Enhance threatened species habitat



Questions?