

CITY OF SEGUIN

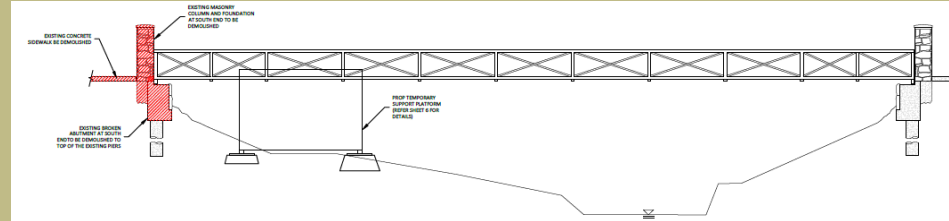
March 7, 2023

# Walnut Springs Projects Update

Melissa Reynolds, PE, CFM, MPA – Director of Engineering & Capital Projects



# Walnut Springs Bridge Abutment Repair



- Awarded late summer 2022
- Substantially Complete
- Opened to public



It's real.

# Walnut Springs Trail



# Heart Shaped Well Relocation



# Walnut Springs Trail Extension



# Walnut Springs Trail Extension



# Walnut Springs Spillway



- Rains in 2021 caused erosion and breach of the Walnut Branch Spillway
- The creek embankment experienced compromise and destabilization.

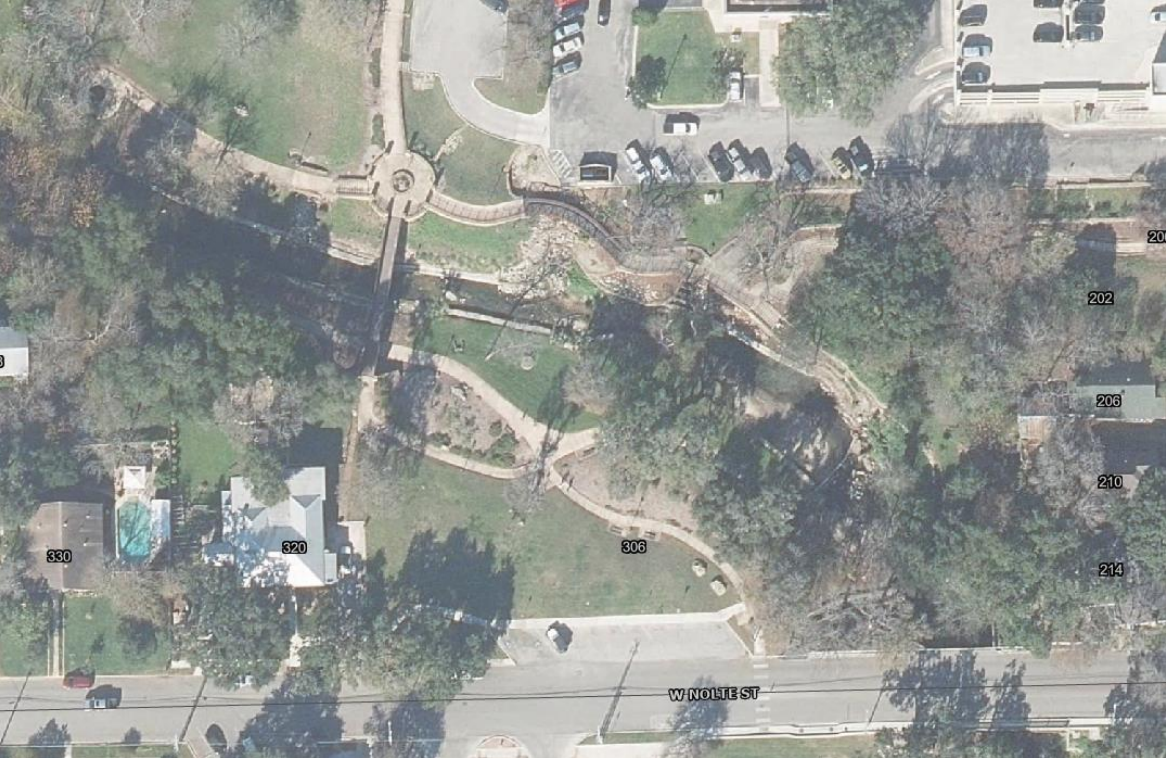


It's real.

# Walnut Springs Erosion & Spillway Damage



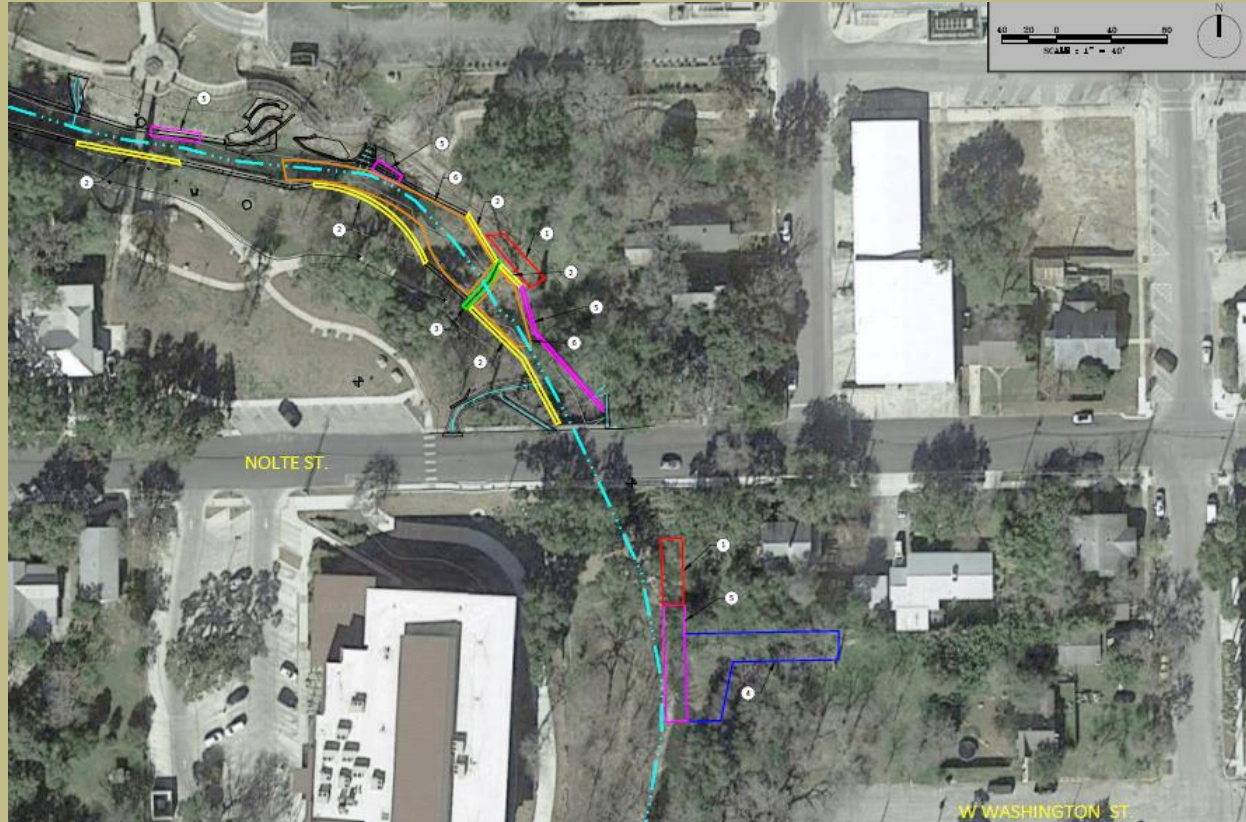
# Floodplain Impacts



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# Walnut Springs Spillway and Streambank Repair



- Requires project scope determination
  - Natural preservation vs. Engineered
  - Extent of downstream footprint
- Engineering
  - Preliminary report for budget establishment
  - Request for Qualifications
- Federal Permitting



It's real.

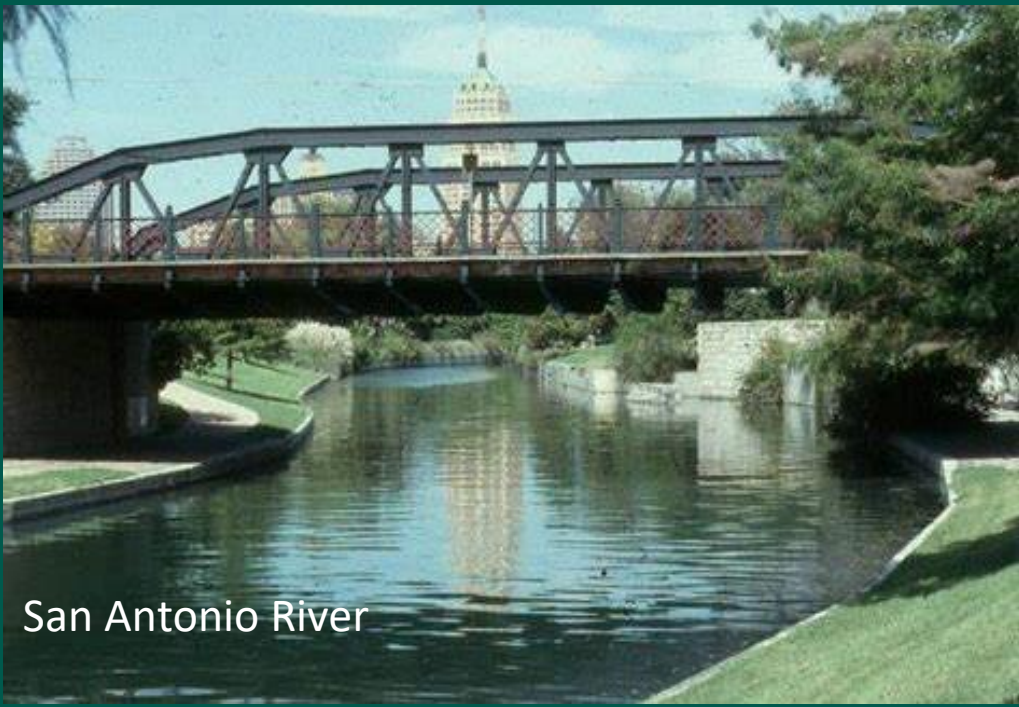
# Natural Stream Bank Restoration



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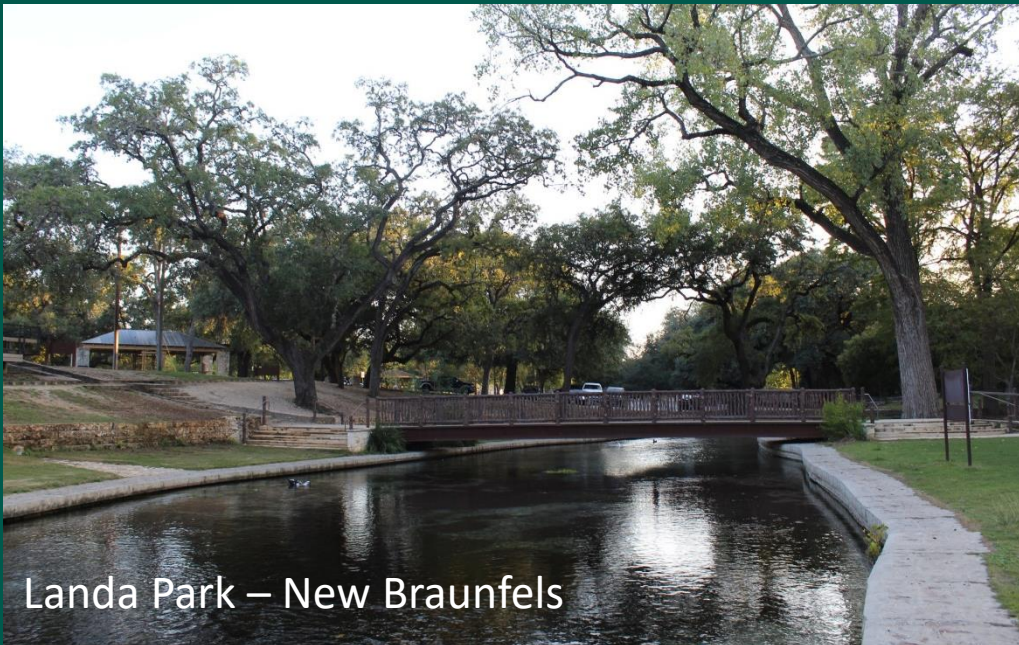
# Engineered Channel Restoration



San Antonio River



Seguin – Walnut Springs



Landa Park – New Braunfels

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Questions?



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