

Direction to Staff  
Huebner Creek Channel Improvements Project  
Segment 1

Melinda Moritz  
Public Works Director  
City Council Meeting  
March 18, 2025

# Summary

- Question
  - Should the City Council redirect staff to reduce the Huebner Creek Drainage Project to just include some erosion control/slope stabilization?
- Options
  - Approve
  - Deny
  - Other
- Declaration
  - At Council discretion

# Background

- 2016 - Citizens stated their desire to alleviate flooding, specifically in the Grass Valley neighborhood, which is adjacent to Huebner Creek
  - Staff proposed several options to reduce the floodway/floodplain along Huebner Creek – all were denied by City Council
  - Staff applied for & was awarded a grant from USACE for feasibility study for potential construction project to reduce flooding on Huebner Creek, but study found too many utility relocates needed in area above Evers Rd to make the construction project feasible

# Background

- 2022 - City Council approved budget adjustment for engineering costs for designing a project that would reshape approximately 2,600 linear feet of Huebner Creek
  - Portion from Bandera Road to Poss Road
- City Engineer proposed 3 options for Council to choose – Council chose Option 4
- 2024 - Option 4 design presented to City Council - decided too many trees would have to be removed, so direction given to move proposed alignment to existing creek bed

# Option 4 -Aerial View of Project



# Realignment - Aerial View of Project



# Background

- 2024 – Alignment revised & re-engineered as requested  
2024 – new alignment presented to City Council - approved
- 2025 – Request for a budget adjustment received to allow City Engineer to mark trees located within new alignment - denied
  - Council decided to go forward with new design & requested meeting with City Engineer to explain which trees would be affected
- 2025 - Asked to reduce project further to just address eroded portion of creek behind Huebner-Onion Homestead & Huebner-Onion Natural Area Park (HONAP) Trail, due to number & size of trees in path of new alignment

# Fiscal Impact - Engineering

- Initial study \$250,000
  - Money was refunded by USACE
- 2022 Engineering/design \$633,167
- 2024 Engineering addition \$168,723
- Total budgeted \$831,890
- Total spent \$245,537
- Remaining funds \$586,353



# Fiscal Impact - Construction

- Construction estimated costs:
  - Original design \$3,624,182
  - Realignment concrete rip rap \$7,273,854
  - Realignment retaining wall \$10,546,048
  - Erosion control only TBD
    - Some costs would be covered by San Antonio Water System (portion near Bandera Road)

# Fiscal Impact

- City applied for FEMA grant with 25% matching funding
- Once design completed, would have also applied for additional funding from Texas Flood Infrastructure Fund (FIF) for grants – would have shovel ready project
- If project is reduced to erosion control only, may not qualify for funding through FEMA & FIF
- Can look for other funding sources

# Recommendation

- At City Council discretion