



# LC-17

## Huebner Creek Enhanced Conveyance Segment III

September 11, 2014



*City of Leon Valley*

*Tree Advisory Board Meeting*



# Overview



- Introductions
- Project Benefits
- Project Status (Construction Timeline)
- Tree Preservation Plan (90% TPP)
- TAB Input
- Contact Info



# Project Benefits



- Number of homes removed from the reduced floodplain limits: 54 (dFIRM floodplain vs. proposed floodplain)
- Number of homes purchased for channel excavation/widening: 42
- Amount of floodplain reduction: 73 acres
- This project will also facilitate the future connectivity between the proposed CoSA Crystal Hills Park and Leon Valley Raymond Rimkus Park
- 5-year maintenance period for newly planted trees and vegetation in accordance with permitting requirements (County responsible for the first year)

# Project Status



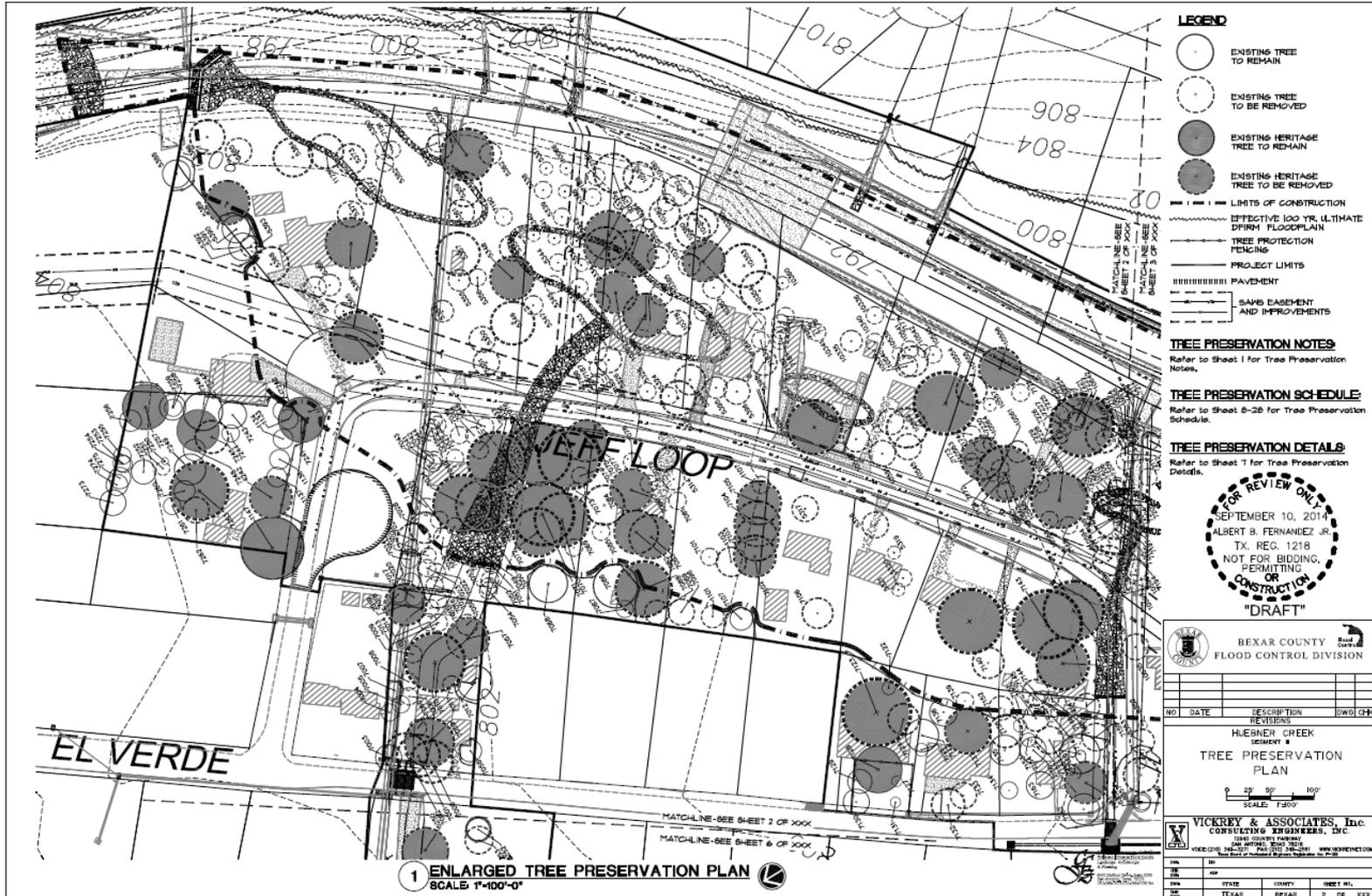
- Design for Segments I, II, & III began in 2008
- Segment I portion complete
- Segment II (City of San Antonio portion) construction scheduled to finish Spring 2015
- Segment III portion anticipated construction start Summer 2015 and will last approximately 18 months
- Total Segment III cost (including land acquisition, design, environmental, and construction) estimated at \$30M (>\$1M in vegetation and landscaping)

# Tree Preservation Plan



- Planting of approximately 100 new trees in Leon Valley within the preservation areas (outside of the channel limits of construction)
- New trees to be watered with gator bags or biological gel method in order to ensure proper watering after installation
- Utilization of numerous types of native plants (grasses, wildflowers, shrubs, trees) within the entire effected area in order to promote species diversity
- System of aquatic depressions to be located in new channel to promote wetland vegetation

# 90% Tree Preservation Plan





# 90% Tree Preservation Plan



**1 ENLARGED TREE PRESERVATION PLAN**  
SCALE 1"=100'-0"

**LEGEND**

- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- EXISTING HERITAGE TREE TO REMAIN
- EXISTING HERITAGE TREE TO BE REMOVED
- LIMITS OF CONSTRUCTION
- EFFECTIVE 100 YR ULTIMATE DFIRM FLOODPLAIN
- TREE PROTECTION FENCING
- PROJECT LIMITS
- PAVEMENT
- SANS EASEMENT AND IMPROVEMENTS

**TREE PRESERVATION NOTES**  
Refer to sheet 1 for Tree Preservation Notes.

**TREE PRESERVATION SCHEDULE**  
Refer to sheet 8-28 for Tree Preservation Schedule.

**TREE PRESERVATION DETAILS**  
Refer to sheet 1 for Tree Preservation Details.

FOR REVIEW ONLY  
SEPTEMBER 10, 2014  
ALBERT B. FERNANDEZ JR.  
TX. REG. 1218  
NOT FOR BIDDING  
OR  
CONSTRUCTION  
"DRAFT"

**BEXAR COUNTY**  
FLOOD CONTROL DIVISION

NO.	DATE	DESCRIPTION	DRAWN	CHECKED

HUEBNER CREEK  
SHEET #  
**TREE PRESERVATION PLAN**

0 20' 40' 100'  
SCALE: 1"=50'

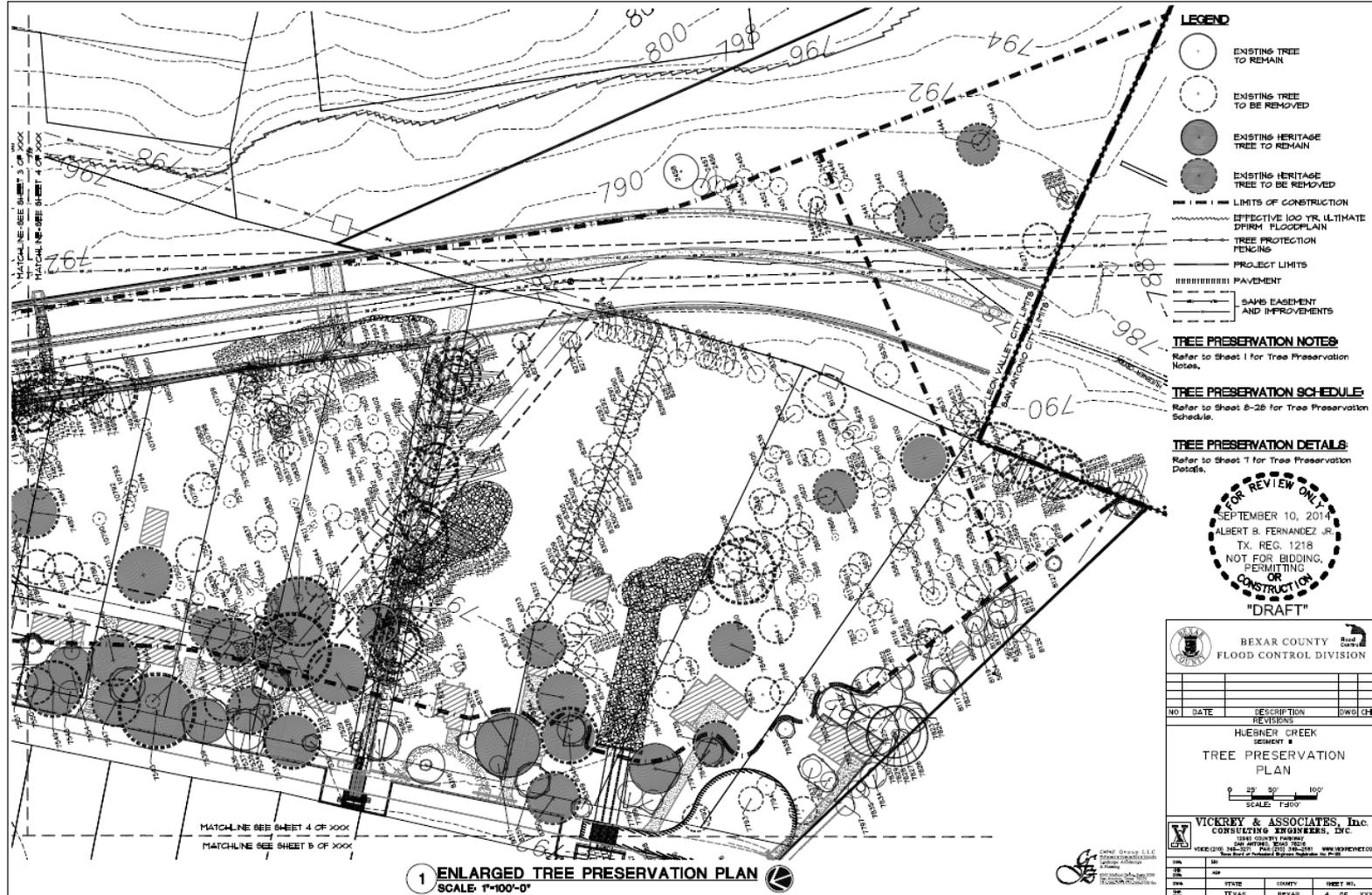
**VICKREY & ASSOCIATES, Inc.**  
CONSULTING ENGINEERS, INC.  
1000 SOUTH PARKWAY  
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New York, NY • Dallas, TX • Houston, TX • San Antonio, TX

DATE	BY	CHECKED	DATE	BY

SHEET NO. 3 OF 333  
 COUNTY BEXAR  
 STATE TEXAS



# 90% Tree Preservation Plan



- Provide any input regarding the repurposing of removed trees for use elsewhere within the community:
  - Identification of which trees to be repurposed by the City of Leon Valley
    - Supplying Free Wood to Artisans
    - Giving New Life to Utility Poles
    - Networking to Use All Wood Residue
    - Woodchips for Municipal Landscaping Projects or Homeowners
    - Logs for Protection of Eroded Banks and Paths
  - \*Source: <http://www.na.fs.fed.us/spfo/pubs/misc/umt/>
  - Determination of where the trees should be relocated
- Any other input from the Tree Advisory Board?



# Contact Info



For more information and updated project schedule visit:

[www.bexarfloodcontrol.org](http://www.bexarfloodcontrol.org)

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