



Cimarron Subdivision (CB-9)

April 3, 2013





Cimarron Subdivision (CB-9)



- Introductions
- Purpose
- Project Status
- Schedule
- Questions



Cimarron Subdivision (CB-9)



- Nat Hardy, PE, CFM
 - Project Manager – Preliminary Design
- Rebeka Lien, PE, CFM
 - Project Manager – Detailed Design



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- Channel Improvements to West Salitrillo Creek
- Removes 15 adjacent homes from the 1% annual chance (100-year) floodplain boundaries

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Effective
1% Annual
Chance
Floodplain

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Corrected
Effective
1% Annual
Chance
Floodplain

West Salitrillo Creek

- 1.5 sqmi Drainage Area
- 4,379 cfs Corrected Effective 100-yr Flow

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Comparison:

- Corrected Effective 1% Annual Chance Floodplain
- Effective 1% Annual Chance Floodplain

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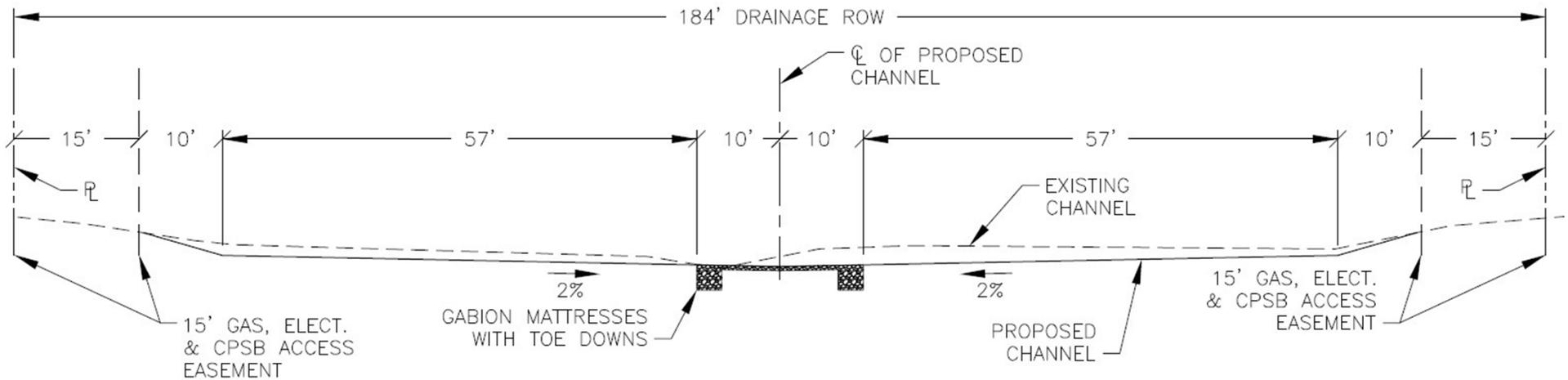
- 15 homes in the Corrected Effective 1% Annual Chance Floodplain along Flatland Trail

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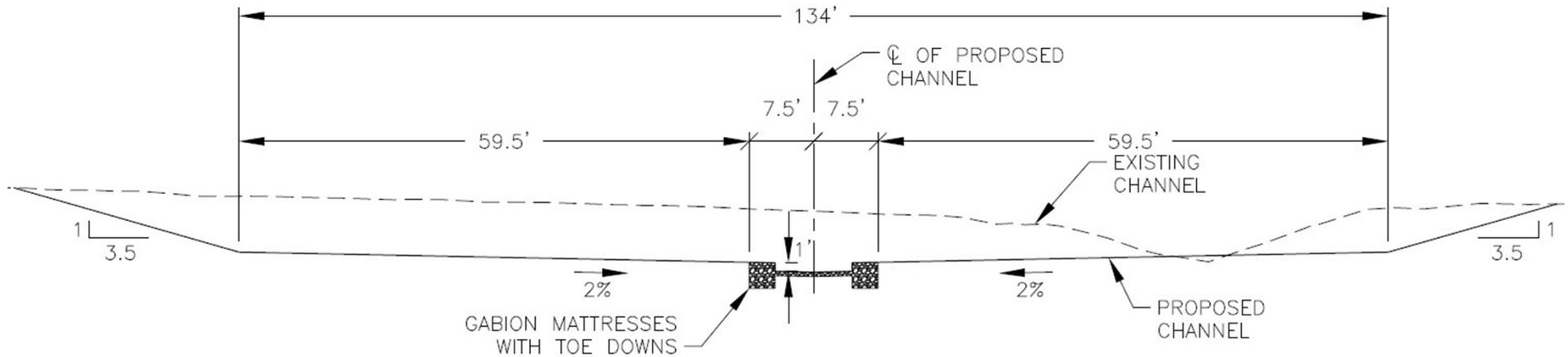


Channel Improvements

- 1,200 LF of Channel Improvements
 - Widen and deepen existing channel
 - 2 drop structures
 - Extension of channel
- Estimated Construction Cost \$1.6 Million



- Typical Section Upstream of Drop Structures

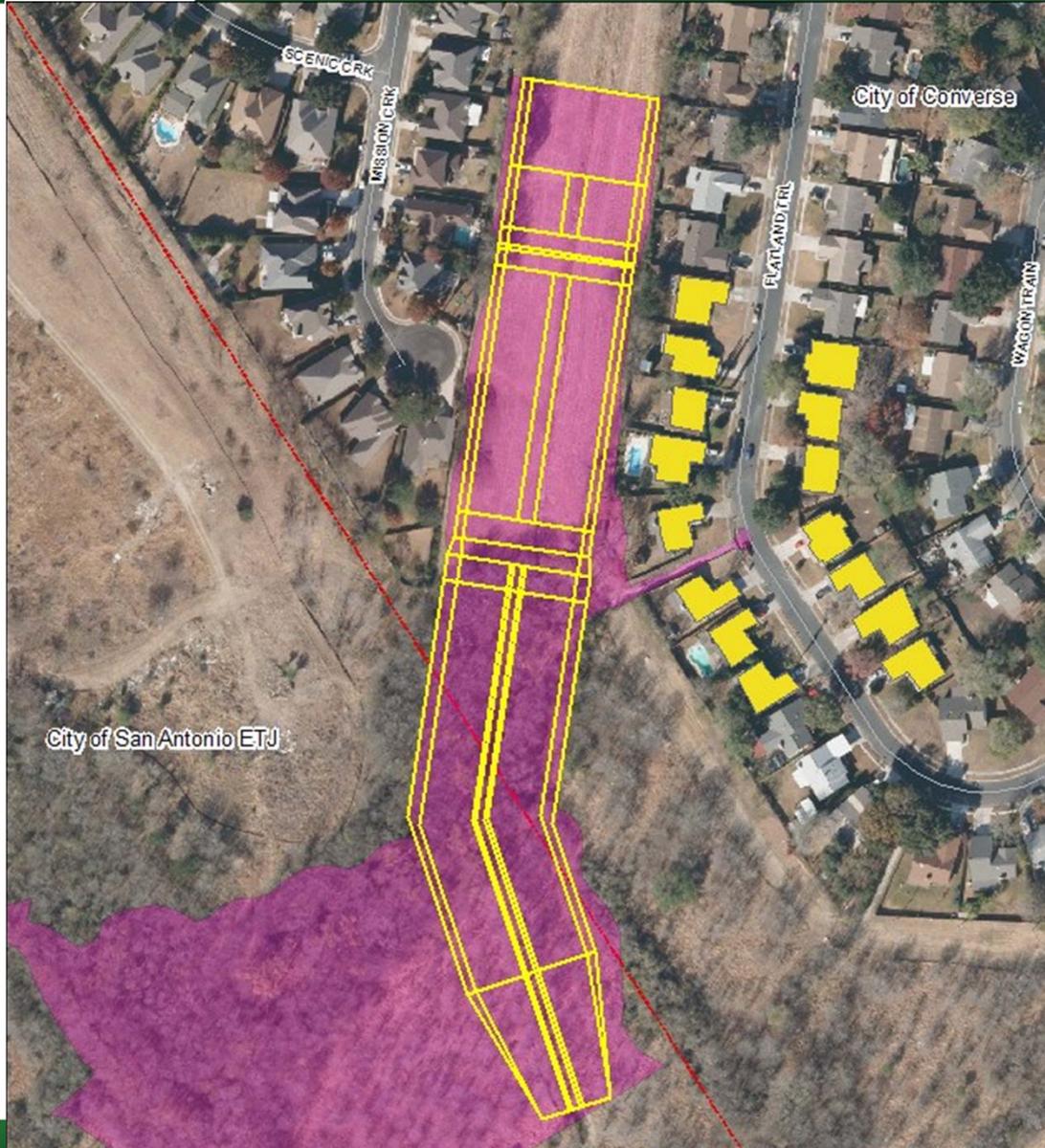


- Typical Section Downstream of Drop Structures

- Surveyed heritage and 15-inch and larger trees
- Planting native grasses
- Pilot channel
- Erosion control
- Looking into local drainage

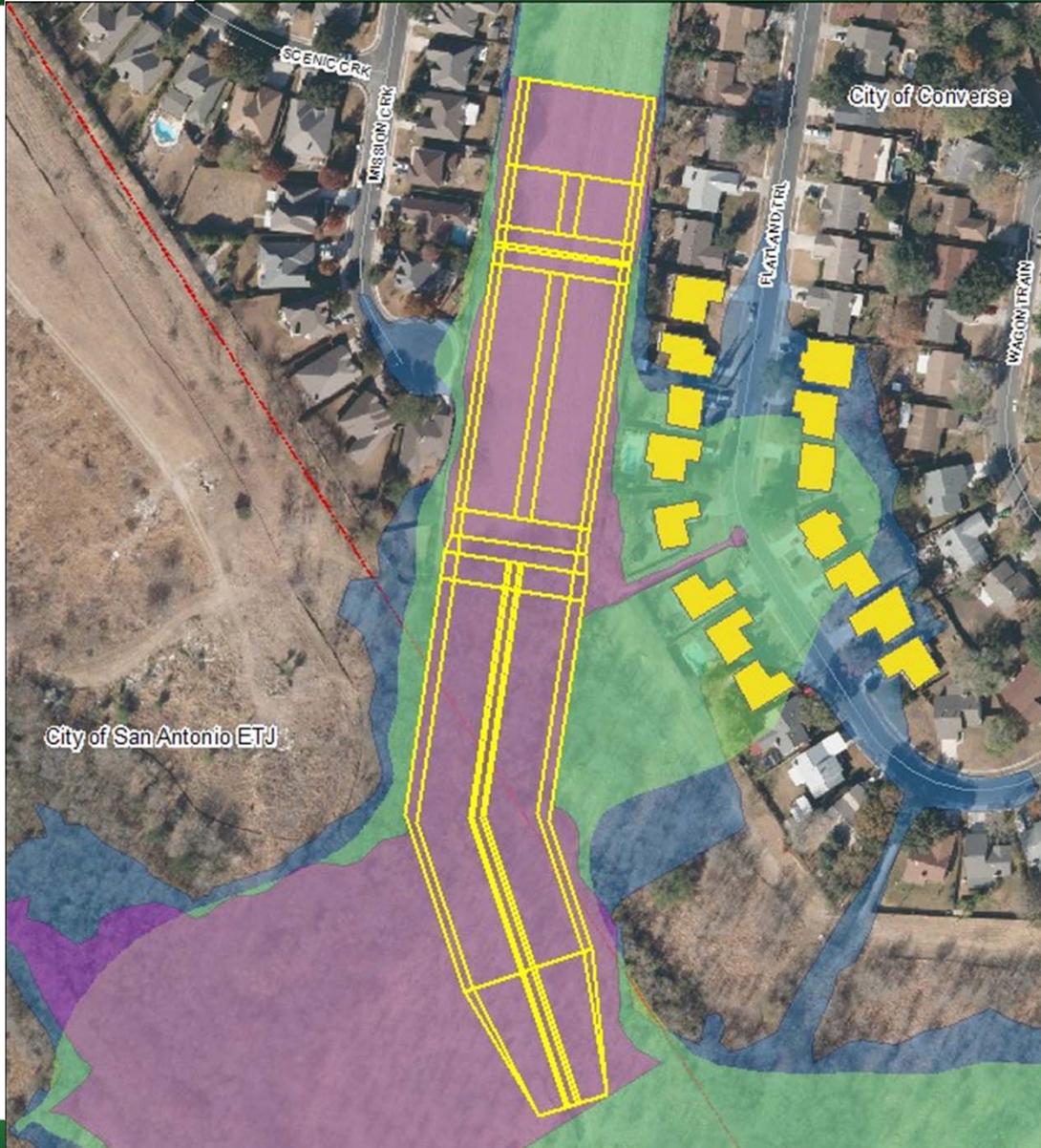


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Revised
Conditions
1% Annual
Chance
Floodplain

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- Other Considerations
 - Environmental Permitting
 - Waters of the US, US Army Corp of Engineers
 - Letter of Map Revision (Floodplain remap after construction)



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- **Schedule (subject to change)**
 - Detailed Design began November 2012
 - Advertise/Bid anticipated May 2014
 - Construction anticipated to begin September 2014 (~8 months)
 - Construction anticipated to be completed by May 2015



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- Next Steps
 - Please fill out Comment Cards
- Questions?
- Rebeka Lien, PE, CFM
 - Rebeka.Lien@aecom.com
 - (210) 335-7078
- www.bexarfloodcontrol.org