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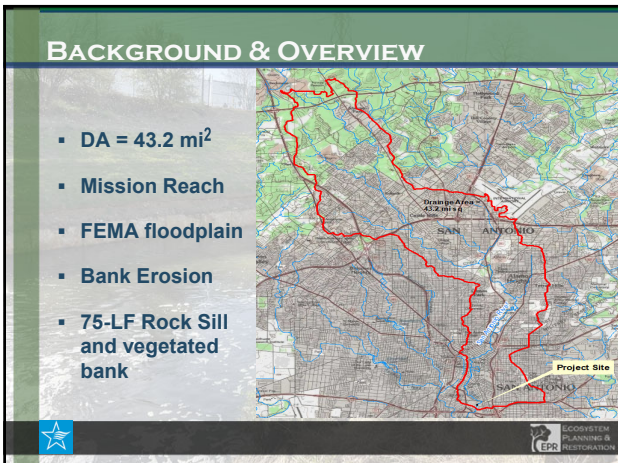
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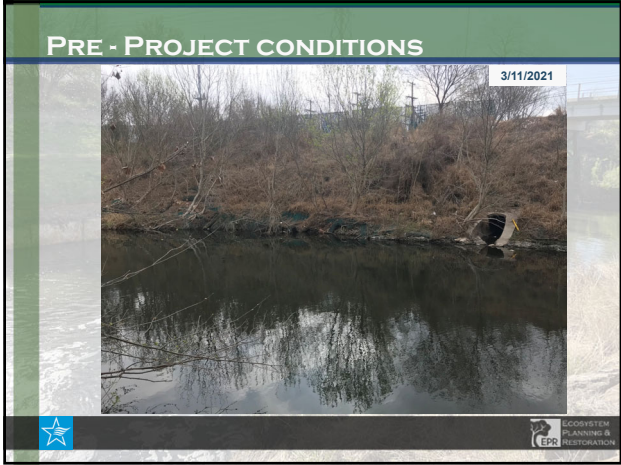
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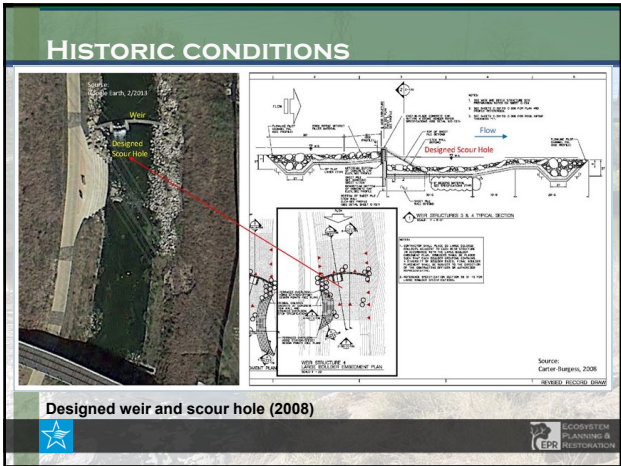
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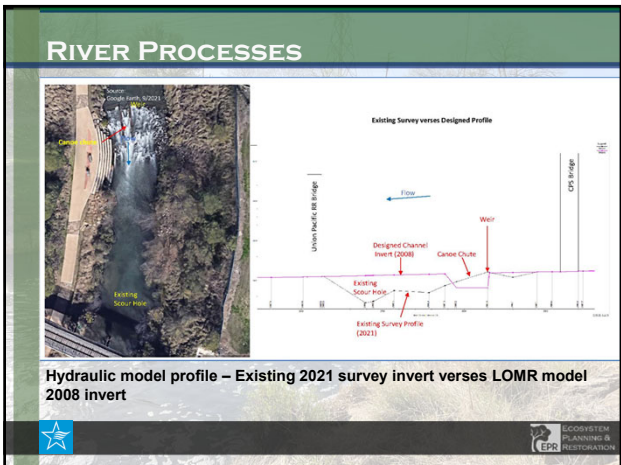
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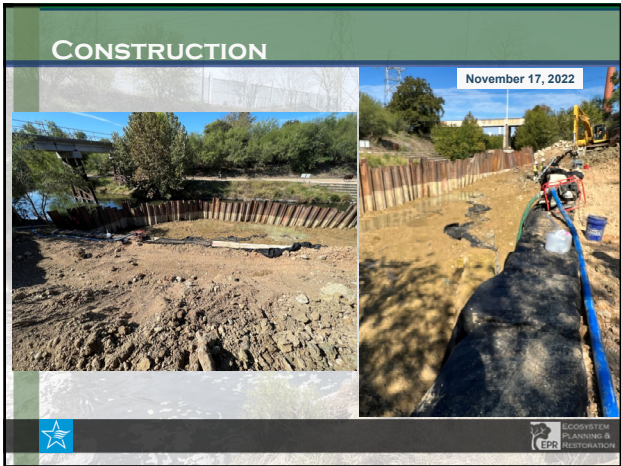
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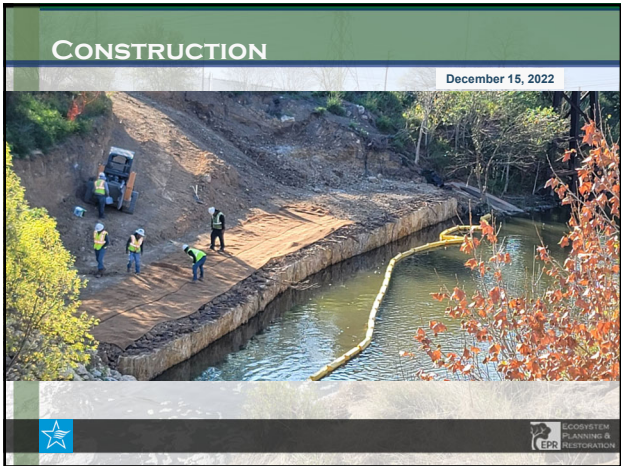
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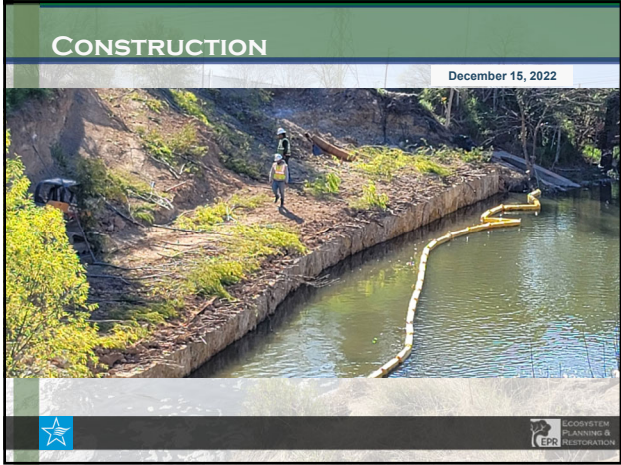
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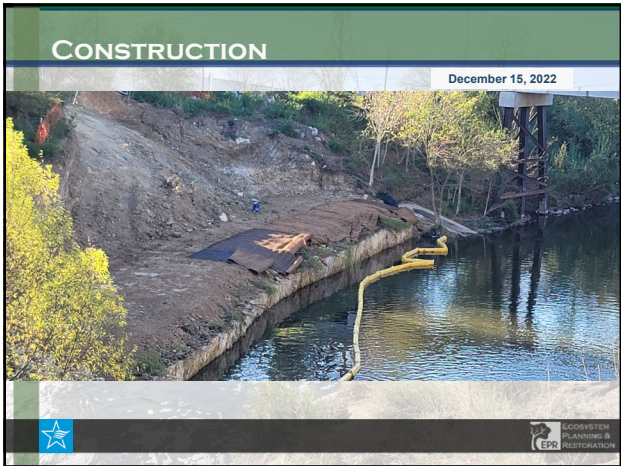
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**HIGHLIGHTS/LESSONS LEARNED**

- First Rock Vane on San Antonio River
- Vegetation – must work with allowable roughness for floodplain permitting
- Combination of natural channel design and more traditional hard armor techniques was a good compromise
- USACE NWP 13
- Expect higher bids in this area

ECOSYSTEM PLANNING & RESTORATION

This slide contains a list of highlights and lessons learned. A blue star icon is in the bottom left corner.

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**Questions & Answers**

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**MELDING NATURAL CHANNEL DESIGN PRINCIPLES WITH  
TRADITIONAL CHANNEL STABILIZATION**  
TFMA 2023 ANNUAL MEETING

 ECOSYSTEM  
PLANNING &  
RESTORATION March 9, 2023

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