

Upper San Marcos River Watershed Protection Plan Updates

Mark Enders, CoSM Habitat Conservation Plan Manager

2025 Clean Rivers Program Steering Committee Meeting





Background

- The San Marcos Watershed Initiative formed in 2012 to develop a Watershed Protection Plan (WPP) for the Upper San Marcos River. Led by The Meadows Center for Water & Environment
- TDS impairment
- Upper San Marcos River WPP accepted by EPA & TCEQ in 2018
- City of San Marcos lead entity on WPP implementation

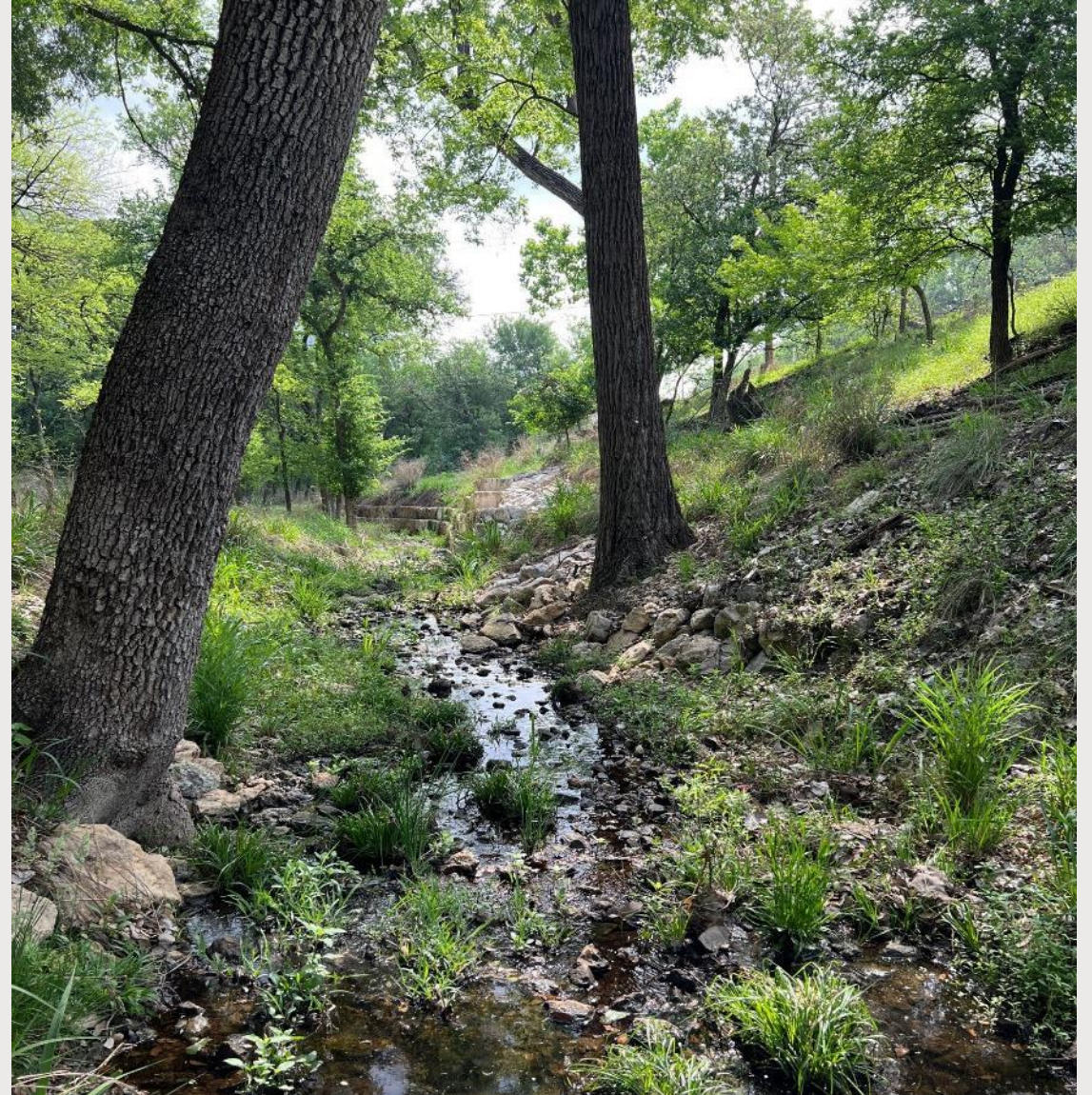


Sessom Creek Stream Restoration & Sewer Line Rehab Project

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- Phase 1 completed in May 2023
- Phase 2 to begin in May 2025. Project includes stream restoration using natural channel design, removal of paved street crossing, plant restoration & relocation of exposed sewer lines
- CoSM awarded \$120,000 FY24 CWA 319(h) grant through TCEQ NPS program



**Sessom Creek, Ph 1 Project Photos
Pre- & Post-Project**



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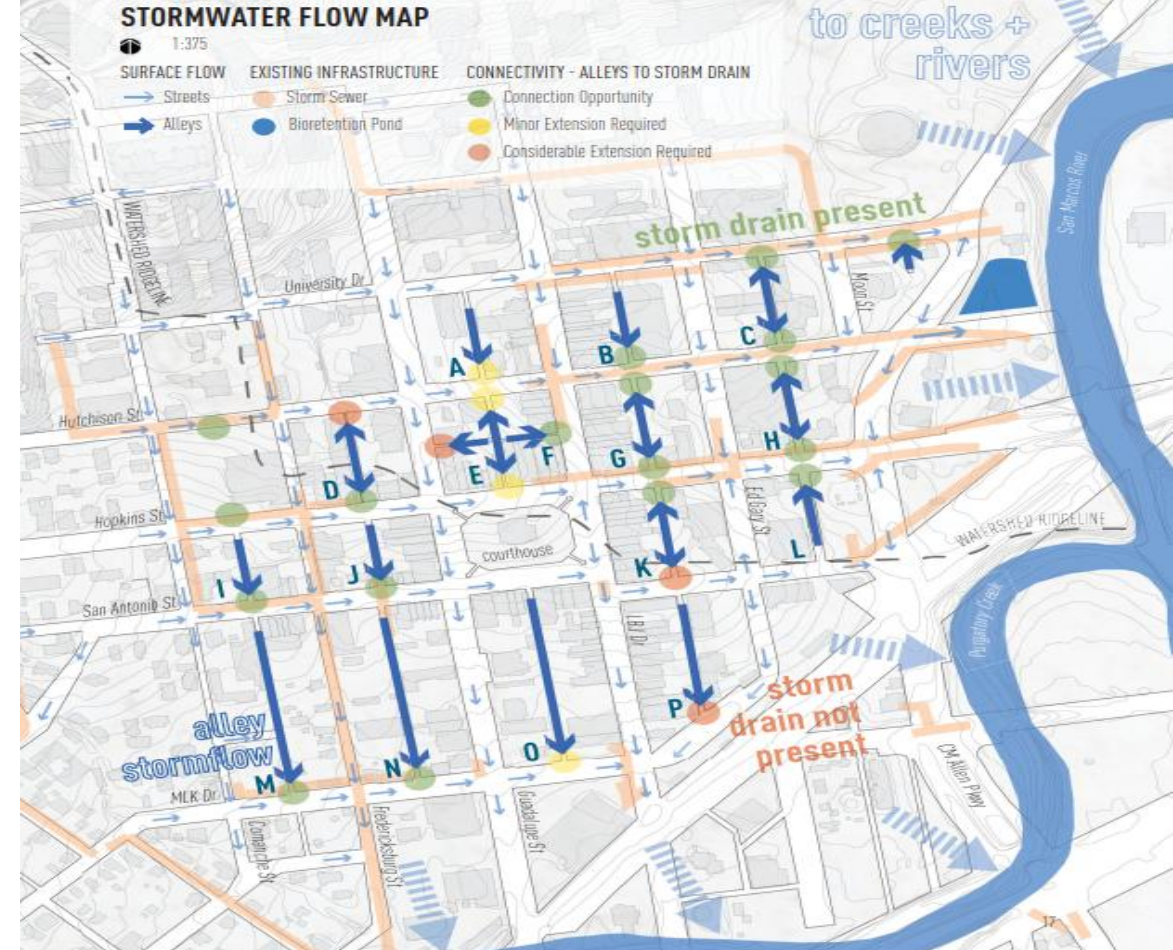


Sessom Creek, Ph 1 Project Photos



Downtown Alley Reconstruction Project

- Reconstruction of Kissing Alley and Jacks Alley in downtown San Marcos
- Project to include replacement of approx. 1,700 ft² of existing pavement with permeable paver surface & underdrain system
- Pilot project from the SM Green Alley Initiative
- Finalizing design, estimated construction start: Sept 2025
- CoSM awarded \$200k FY24 CWA 319(h) grant through TCEQ NPS Program



Edwards Aquifer Habitat Conservation Plan (EAHCP) Implementation

- Continuing to implement endangered species habitat protection measures in the upper San Marcos River system as part of the EAHCP
- Ongoing projects include:
 - Mgmt of Recreation
 - TWR & Aquatic Plant Restoration
 - Litter Removal
 - Non-Native Species Mgmt
 - Riparian Restoration
 - Water Quality Protection



Thank you! Questions?

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