**Project Location**
The Santa Cruz River Management Plan is bound by Grant Road on the South and Pinal County Line on the north and generally within the administrative boundaries of the floodplain.

**Background**
In the Spring of 2018, the Pima County Regional Flood Control District (District) initiated the Santa Cruz River management plan – Grant to Trico, to develop a comprehensive management plan for a part of the river which goes through the City of Tucson, Town of Marana and unincorporated Pima County.
Project Purpose
The purpose of this project is to develop a management strategy to balance flood risk management, drainage infrastructure protection, water recharge, recreation opportunities, public safety and riparian habitat preservation for the Santa Cruz River from Grant Rd to Pinal County.

The first phase of the project, which assessed the existing conditions is complete and resulted in three reports, Existing Conditions Report, Technical Data Support Notebook for Floodplain Mapping, and the Infrastructure Assessment and Maintenance Evaluation Report.

For the past year, the District and the consultant team have been working with stakeholder workgroups from each of the three management reaches.

Non-Structural Projects
Organized Trash Cleanups to provide a process for engaging the public in organized trash cleanup along the river.

Vegetation Management Plan to provide a collaborative effort to manage vegetation in the river bottoms for multiple purposes.

Ecologically Valuable Lands Preserved to acquire properties that are ecologically valuable

Letter of Map Revision (LOMR) for Santa Cruz River to update the FEMA special flood hazard delineations in the Marana and unincorporated Pima County areas downstream of Sanders Rd.
**Structural Projects**

**Three Rivers Reach**

1. **Litter Traps** to reduce trash in Santa Cruz River
2. **Stream Restoration** to enhance habitat and preserve soil cement toe
3. **Soil Cement and Freeboard Addition** to provide containment of flooding breakout and freeboard compliance
4. **New Wetland** to connect public to the River

**Cortaro Narrows Reach**

5. **New Bank Protection** to close the gap that allows gravel pit to flood
6. **Grade Control/Effluent Training Structures** to stop the entrenching of the effluent channel, provide habitat and train the flow away from soil cement
7. **Wildlife Connectivity** to provide wildlife accessibility across Levee

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**Marana Flats Reach**

8. **Effluent Training Structures** to preserve the soil cement levee
9. **New Wetland** to provide new wetland habitat, attract wildlife and watching
10. **Accessibility Improvements** to connect public to the river
11. **Wall for Freeboard Compliance** to meet levee freeboard criteria
12. **New Bridge** to improve floodplain function and provide all weather access for emergency responders
13. **New Levee** to remove flood hazard on east side of River between Sanders Rd. and Trico Rd.
14. **New Multi-use Multi-Objective Channel** to remove flood hazard on east side of river between Sanders and Trico
15. **New Bridge** to improve floodplain function and provide all weather access for emergency responders
16. **New Bridge** to improve floodplain function and provide all weather access for emergency responders.

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Benefits of the Santa Cruz River Management Plan

By having an accepted plan across all affected jurisdictions, the District will be able to manage the corridor in a consistent manner, while also addressing the desires of the individual jurisdictions in terms of flood risk management, drainage infrastructure protection, water recharge, recreation opportunities, public safety and riparian habitat preservation.

Project Contacts

Please contact us if you would like more information or have photos or information on flooding or erosion issues within these watersheds that you would like to share with the District.

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(520) 724-4600

Scott Altherr, PE, CFM Project Manager for CMG Drainage Engineering, Inc.  saltherr@cmgdrainage.com

Past Events

1. On May 7, 2019 the District presented the scope of the project to various stakeholders that represent entities within the project boundaries.

2. The District hosted three different meetings in late October 2019 with key stakeholders within each reach of the project boundary – Grant Rd. to Ina Rd., Ina Rd. to Avra Valley Rd., and Avra Valley Rd. to Pinal County.

3. In January 2020, the District held Stakeholder Working Group meetings and had stakeholders weight their priorities in criteria and project types.

4. In May 2020, the District held a meeting for combined stakeholder presenting the results of the project ranking.

Project Website

http://www.pima.gov/santacruzriverplan

PIMA COUNTY
FLOOD CONTROL

MARANA AZ  CITY OF TUCSON