

Alamo Wash Basin Management Study

Project Update – July 2020

Project Location

The Pima County Regional Flood Control District (District) is nearing completion of the Alamo Wash Basin Management Study (Study). The Study area encompasses about 9.5 square miles within the City of Tucson and includes the Alamo, Arcadia, Van Buren and Sahuara washes.



Alamo Wash flowing after a monsoon rain.

Project Description

The purpose of the Study is to identify flood-hazard areas and drainage problems in order to develop a comprehensive flood-control plan (Plan) that provides cost-effective solutions to alleviate and/or manage flooding within the Study area.

The goals of the Plan:

- To develop strategies that reduce flooding, improve public safety and provide a balanced multi-objective approach to managing the watersheds, floodplains and resources in a fiscally responsible way.
- To provide guidance for development, redevelopment and retrofits in flood-prone areas and drainage alternatives to further limit the potential for flooding.
- To ensure that the floodplain management regulations will balance potential competing interests in the community.

Project Outreach

A website was created for this study and contains project details, mapping and reports. Please visit www.pima.gov and enter Alamo Wash Basin Management in the search field.

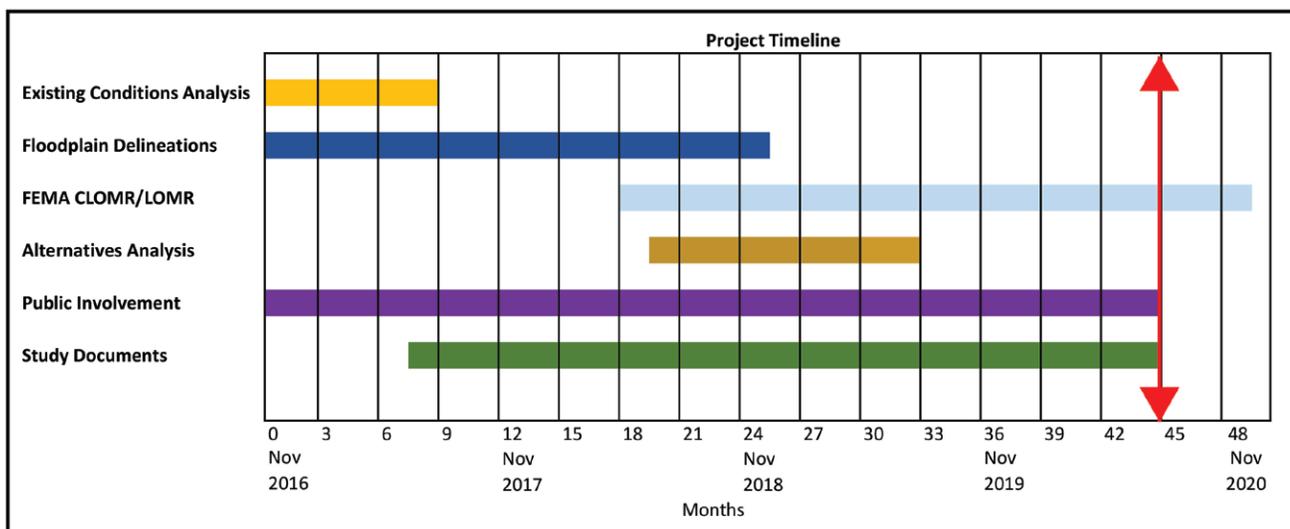
- Two public sector stakeholders meetings were held, Feb. 10, 2017 and March 1, 2019. The second meeting was to score alternatives to address 15 areas identified from the study.
- The District hosted three open house meetings to solicit additional input from the public. Those open house events were held on Mar. 22, 2017, at Sky Islands Public High School (6000 E. 14th St.), Oct. 23, 2017, at Dodge Traditional Magnet School (5831 E. Pima St.) and April 17, 2019 at Alice Vail Middle School (5350 E. 16th St.). Recommended solutions for some of the problem areas as well as basin-wide policy recommendations for the City of Tucson were presented.

Study Status

- **Completed** – Existing conditions analysis, hydrologic analysis, inventory of existing drainage infrastructure, hydraulic analysis, basin alternative analysis, public and stakeholder meetings, and local floodplain delineations.
- **Under Development** – Federal Emergency Management Agency (FEMA) Floodplain Map Revision, Final Deliverable Submittals, Basin Management Plan Adoption.

Floodplain Analysis

- FEMA has accepted the regulatory (100-year) discharge values derived from the study. Those discharge values are now available for floodplain mapping and the design of drainage infrastructure.



- A Letter of Map Revision (LOMR) for Alamo, Sahuara, and Van Buren Washes was submitted to FEMA in May 2019 identifying the revised floodplain map and flood boundaries. The District has mailed notifications to property owners in the re-mapping area with information regarding upcoming map changes.
- Local and tributary flood prone areas in the watershed have been identified and mapping data provided to the City of Tucson for floodplain management and drainage basin planning.

Project Contacts

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To report a flooding problem in the City of Tucson, call (520) 791-3154 or email TucsonFloodErosionInfo@tucsonaz.gov.

