



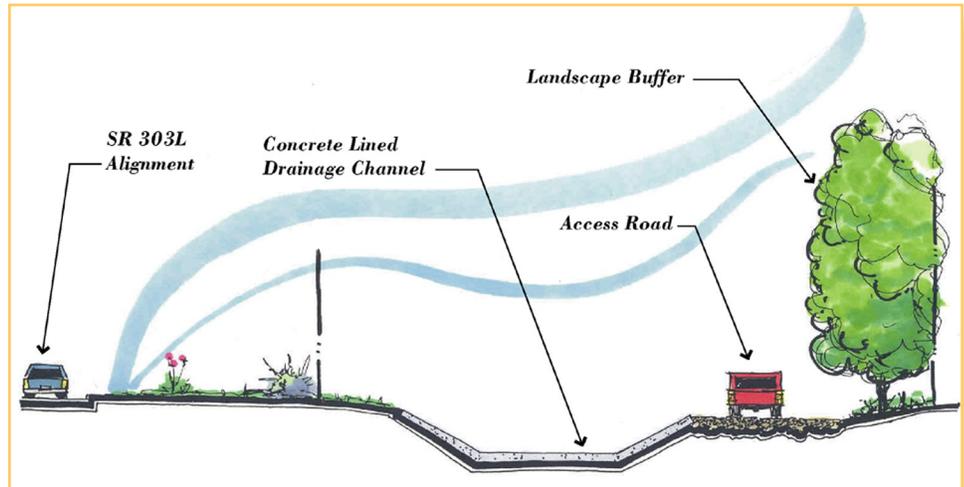
## Flood Control District of Maricopa County

# Loop 303 Corridor/White Tanks Area Drainage Master Plan Update

## Project Introduction

The purpose of this study, which is an update to the existing White Tanks Area Drainage Master Plan (ADMP) of the early 1990's, is to plan flood control infrastructure improvements ahead of development.

Due to rapid growth and changes in land use, much of the watershed has changed significantly since the earlier plan was developed. Additionally, the Maricopa County Department of Transportation (MCDOT) and the Arizona Department of Transportation (ADOT) have been working on a major freeway corridor for the SR 303L.



Selected Alternative

The ADMP is one of many projects that the Flood Control District of Maricopa County (District) is developing in order to protect both existing and future residences from possible damages associated with floods up to and including the 100-year storm.

The study included the analysis of approximately 220 square miles of watershed from the McMicken Dam south to the Gila River and from the White Tank Mountains east to the Agua Fria River. The SR 303L freeway corridor runs from approximately north of Grand Avenue to the Gila River.

The study identified drainage problems, updated the existing hydrology, and developed community-based alternatives to reduce area flooding and drainage problems. In addition, the study identified new areas that are subject to flooding (floodplains).

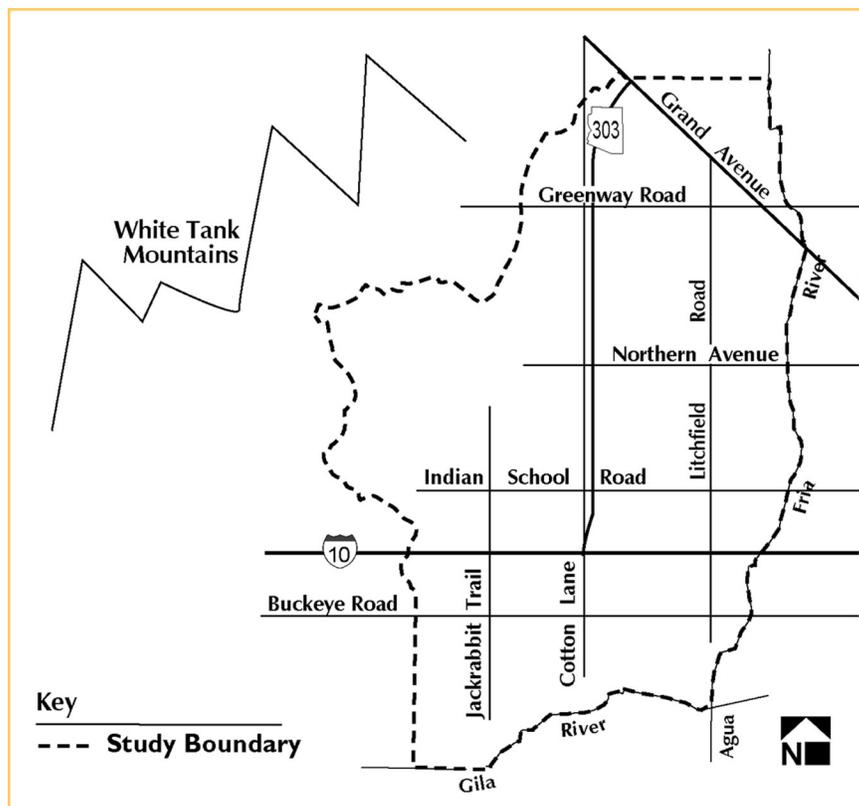
## Project Update

The study team presented a recommended alternative to the public at a meeting in September 2002. The alternative consisted of a series of channels and basins to convey flows to the Gila and Agua Fria rivers and maximize the use of the existing flood control facilities.

Since that time, changes in MCDOT/ADOT's plans for the SR 303L have required the team to make adjustments to the recommended alternative. SR 303L was initially proposed as a parkway but is now planned to be a full-fledged freeway.

As such, the alignment for the District's proposed channels will remain roughly the same. However, the project adjacent to SR 303L will now be modified to concrete channels with a small landscape buffer and SR 303L will cut off all west to east flows. Additional basins have been added in the Accident Potential Zones (APZ) of Luke Air Force Base. An additional public meeting was held in October 2003 to present the revised recommended alternative.

## Project Area



## Project Partners

The District is coordinating closely with Luke Air Force Base, other area stakeholders and numerous local jurisdictions on this project. The cities of Avondale, Buckeye, El Mirage, Litchfield Park, Glendale, Goodyear, and Surprise all have interests in this project.

Cost-sharing partnerships on some parts of the preferred alternative have already been identified. The District has already had conversations with MCDOT to initiate Intergovernmental Agreements for portions of the project.

## Next Steps

The District expects conceptual plans and the ADMP to be finalized by mid-summer. Both items are expected to be adopted in Fall 2004. The District will then initiate the resolutions and inter-governmental agreements necessary for implementation of the proposed project features.

## Project Contacts

**Greg Jones, Project Manager**  
Flood Control District  
of Maricopa County  
Phone: 602-506-5537  
E-mail: [glj@mail.maricopa.gov](mailto:glj@mail.maricopa.gov)

Para informacion en Espanol,  
comuniquense con: **Joe Munoz**,  
Flood Control District  
Phone: 602-506-2983  
E-mail: [jfm@mail.maricopa.gov](mailto:jfm@mail.maricopa.gov)

