

## Introduction

The McMicken Dam Project was constructed by the U.S. Army Corps of Engineers in 1955 to protect Luke Air Force Base, the Litchfield Park Naval Air Facility and agricultural land from flooding. The project currently provides flood protection for significant portions of Surprise, El Mirage, Sun City West/Grand, Youngtown, Litchfield Park, Avondale and unincorporated Maricopa County. Critical public facilities and infrastructure such as hospitals, schools, police and fire stations, freeways and other public roadways, railroads and canals also benefit from the flood protection provided by the McMicken Dam Project. The ability of the 57-year-old dam to maintain the necessary level of flood protection in the long term in an increasingly urbanized environment is in question due to dam safety issues affecting the project and current dam safety standards.

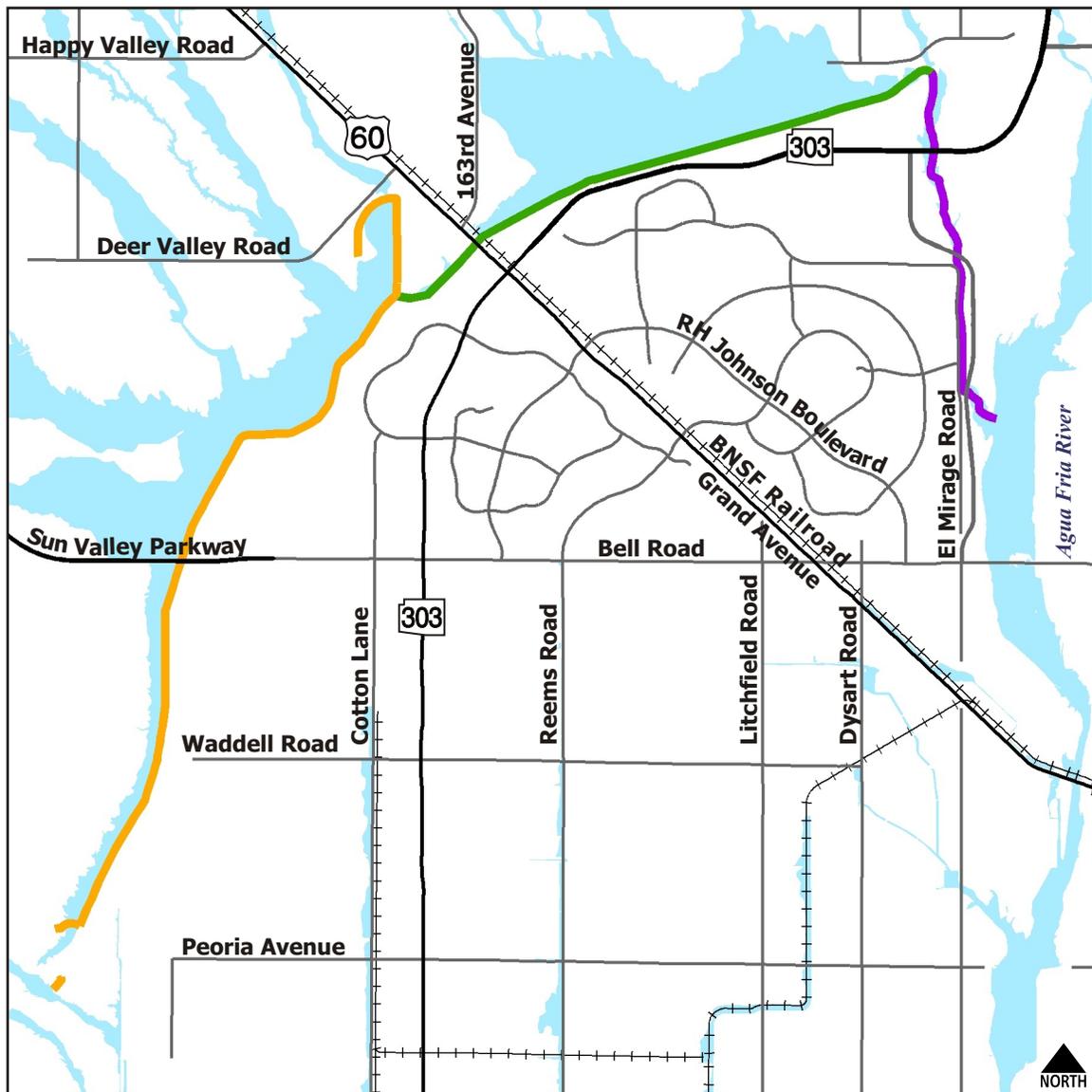
These dam safety issues have led the Flood Control District of Maricopa County (District) to determine that an overall rehabilitation of the dam is required. The District has retained the services of the engineering design firm URS Corporation to prepare the design and construction documents for remediation of McMicken Dam and its supporting structures.

## Project Overview

The McMicken Dam Project consists of McMicken Dam (approximately 9.5 miles long), the McMicken Dam Outlet Channel (approximately 6 miles long), and the McMicken Dam Outlet Wash (approximately 4 miles long). The outlet wash carries stormwater captured by the dam and channel to the Agua Fria River.

Based on the results of an analysis performed by the District and its consultants, the selected alternative to address the dam safety issues is the rehabilitation of the full length of the dam and outlet channel.

# McMicken Dam Project Rehabilitation



## Legend

- McMicken Dam
- McMicken Dam Outlet Channel
- McMicken Dam Outlet Wash
- Current FEMA 100-Year Floodplains

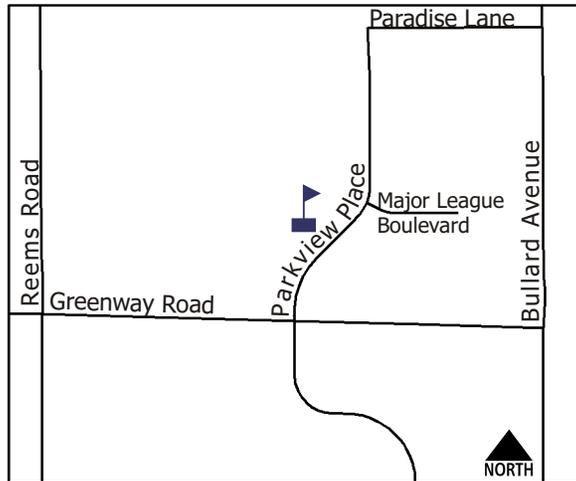
The primary goals of this rehabilitation project are to prepare a design to eliminate or reduce current dam safety deficiencies in accordance with current dam safety standards and to maintain or improve upon the level of flood protection currently provided by the McMicken Dam Project.

### You Are Invited to a Public Meeting

At this meeting, you will have the opportunity to learn about the rehabilitation project details, view exhibits showing the selected design alternative, and speak with project team members from the District, and engineering and landscape architecture consulting firms.

### Public Meeting

Thursday, March 14, 2013  
6:00–7:30 p.m. (open house)  
(presentation at 6:30)  
Valley Vista High School  
Lecture Hall in Performing Arts Center  
15550 North Parkview Place  
Surprise, Arizona 85374



Map not to scale.

### Contact

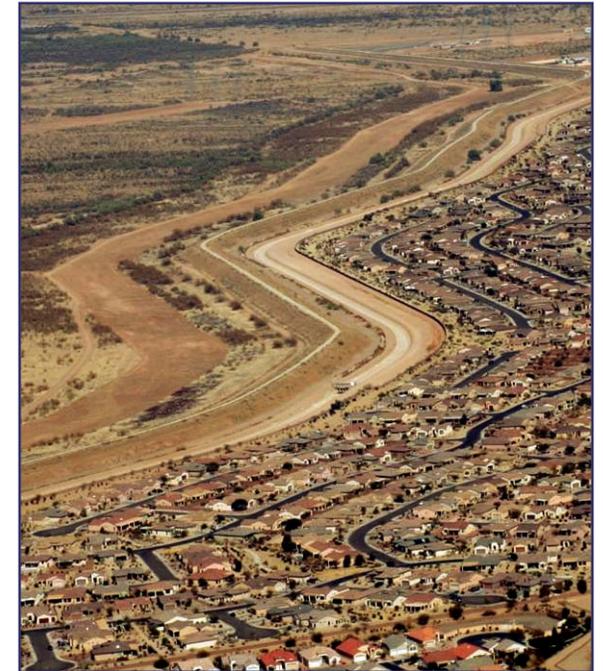
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Flood Control District of Maricopa County  
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March 2013

## McMicken Dam Project Rehabilitation



## PUBLIC MEETING ANNOUNCEMENT

**Maricopa County Supervisor**  
Max W. Wilson, District 4

[www.fcd.maricopa.gov](http://www.fcd.maricopa.gov)