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## Ahwatukee Foothills Area Drainage Master Study/Plan

### Study Purpose

The purpose of the Ahwatukee Foothills Area Drainage Master Study/Plan (ADMS/P) is to identify known and potential flooding hazards in the Ahwatukee area. The study, which is a joint effort between the Flood Control District of Maricopa County (FCD) and the City of Phoenix, covers approximately 30 square miles, roughly bounded by South Mountain to the north and west, Interstate 10 to the east and Pecos Road to the south (see map on reverse).

The study has been divided into two phases. The first phase, which is nearing completion, identified flooding hazards and determined how deep and fast stormwater will flow during large storm events. The second phase will recommend potential mitigation to help reduce and manage flood risks in areas identified with particular flooding concerns. These could be structural methods - such as channels and basins - or non-structural methods - such as development codes.

Ultimately, the results will be used to help FCD and Phoenix reduce potential damage to property and loss of life from drainage issues and stormwater flooding.

### Study Update

The study team has conducted an analysis of the projected depth and speed of stormwater flows in the study area during larger storm events. Based on the results, several locations with potential flooding hazards have been identified. The team is now gathering community input to help prioritize locations for further study, and to recommend solutions.

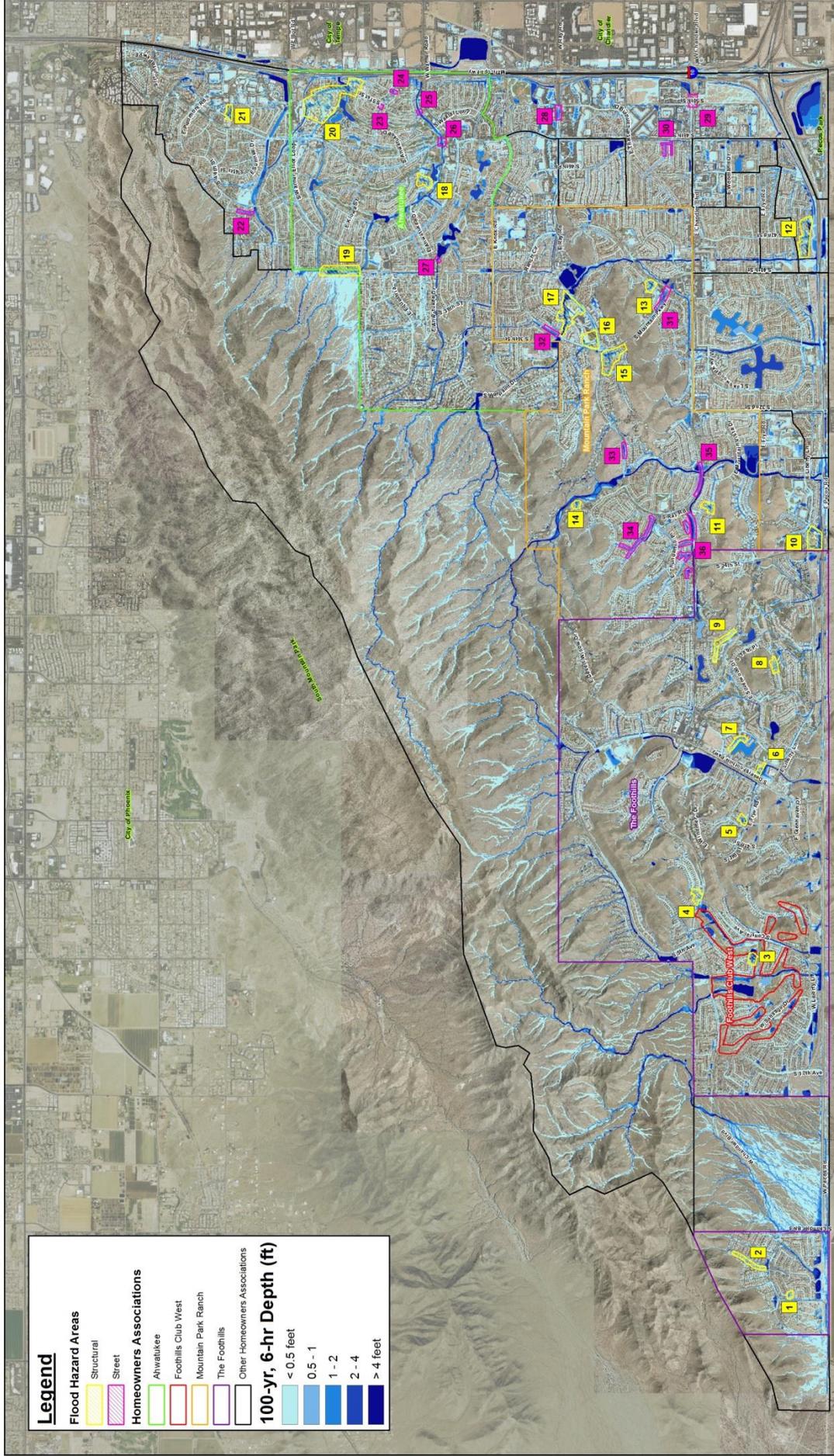
### Next Steps

The study team will meet with residents in some of the areas where risks of flooding have been identified. They will discuss the extent of flooding and possible solutions to minimize risk. The City of Phoenix and FCD will have a public meeting later this spring for all community members within the Ahwatukee Foothills area to provide study results, and potential solutions.

Community involvement and input is an important component of the study process. If you would like to be notified of the community meeting and other opportunities to provide input, please contact the study's Project Manager:

### Contact

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**Legend**

**Flood Hazard Areas**

- Structural
- Street

**Homeowners Associations**

- Ahwatukee
- Foothills Club West
- Mountain Park Ranch
- The Foothills
- Other Homeowners Associations

**100-yr, 6-hr Depth (ft)**

- < 0.5 feet
- 0.5 - 1
- 1 - 2
- 2 - 4
- > 4 feet



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FLOOD HAZARD IDENTIFICATION

**AHWATUKEE FOOTHILLS AREA DRAINAGE MASTER STUDY**

**FLOOD HAZARD IDENTIFICATION**