South Phoenix Two Basins Project:
27th Avenue and South Mountain Avenue Basin

Introduction

The South Phoenix/Laveen Drainage Improvement Project Feasibility Study, prepared by the Flood Control District of Maricopa County (District) in 1996, evaluated an area generally bounded by 43rd Avenue to the west, 16th Street to the east, South Mountain Park to the south and the Salt River to the north. The study identified and compared alternative solutions to mitigate flooding hazards in the area. The study's recommended plan included several detention basins and a storm drain system to convey stormwater to the Salt River. The proposed regional detention basins located at the northeast corner of 27th Avenue and South Mountain Avenue and the northeast corner of 43rd Avenue and Baseline Road will be the latest elements of the recommended plan to be implemented.

Purpose and Goal

In 2001, a large capacity storm drain was constructed in Baseline Road from 7th Avenue to 43rd Avenue. The design of this storm drain was based in part upon the future construction of the two currently proposed detention basins. The basins will discharge stormwater into the previously constructed storm drain system and, combined with collective plan features, will further mitigate flooding hazards in the area with a goal of providing an overall 100-year level of protection.

Project Partners

The District and the City of Phoenix (City) are partnering in the design and construction of the two proposed basins. The District is the lead agency in managing the design and construction of the basins while the City will own, operate and maintain the completed basins. Funding for the project is through the District's Capital Improvement Program and through development impact fees collected by the City.

Multi-Use Opportunities

The proposed basin at 27th Avenue and South Mountain Avenue is a potential location for the future development of multi-use facilities. The types of facilities and the schedule for their development, if implemented, will be determined by the City Parks and Recreation Department.

Schedule

Design of the 27th Avenue and South Mountain Avenue Basin commenced in April 2012 and is anticipated to be completed by April 2013. Construction of the basin is anticipated to commence two to three years after the completion of design.

Contact

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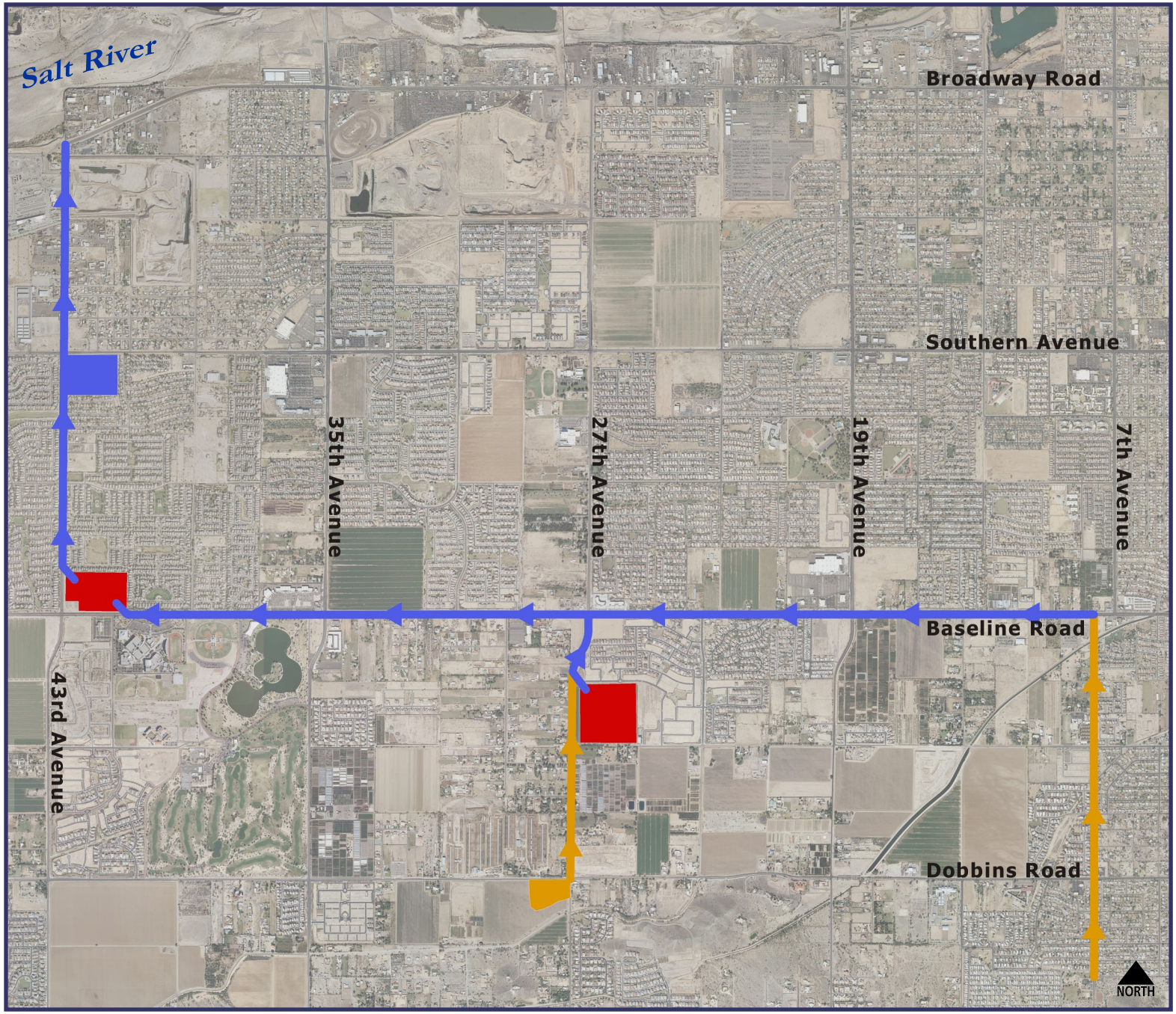
Flood Control District of Maricopa County



Existing Storm Drain
Future Storm Drain
Existing Basin
Proposed Basin
Future Basin
(size and location approximate)

Map not to scale.