



CURRENT & UPCOMING PROJECTS

CAPITAL IMPROVEMENT PROGRAM PROJECTS

27th & Olney Avenues Storm Drain

This project is one of the recommend solutions from the Laveen ADMP to reduce the impacts from flooding. This project consists of the design and construction of a storm drain along Olney Avenue from west of 23rd Avenue to 27th Avenue, and then extending to the north along 27th Avenue all the way to South Mountain Avenue. The storm drain will outfall into the existing City of Phoenix basin located at the northeast corner of 27th and South Mountain Avenues. The project also includes the design and construction of three retention basins along 23rd Avenue south of Olney.

The District is working with a consultant to begin the final design of this project. Design of the basins is the top priority and will be completed in 2019. The City of Phoenix will take the lead on the construction, and it will start closely following completion of the design. The design of the storm drain system will be done separately and should be completed by the end of 2019.

Durango Regional Conveyance Channel (75th - 107th Avenue)

Construction has begun for Phase 2 of the Durango Regional Conveyance Channel, 75th Avenue to 107th Avenue, along the Elwood Street alignment. This project includes three basins and four miles of channel improvements, to include construction of new and upgrading of existing box culverts.

Mandan Street Drainage Improvements

The Mandan Street Drainage Improvements project corridor is in the Ahwatukee Foothills area of Phoenix. The improvements include a drainage channel west of 17 flood prone residential lots, along the west side of

Mandan Street, north and south of Kiowa Street.

The Design Phase is complete. For the Construction Phase, awaiting decisions from FEMA (Federal Emergency Management Agency) regarding grant that would cover 75% of the construction cost.



Durango Regional Conveyance Channel Construction

Rawhide Wash Flood Hazard Mitigation Project

The Rawhide Wash Flood Hazard Mitigation Project was identified as an important project in the Pinnacle Peak West Area Drainage Master Study.

The Flood Mitigation Project will certify existing floodwalls and levies, make improvements as needed to certify existing walls and levees, and add new walls and levies along Rawhide Wash between Pinnacle Peak Road and Jomax Road, in order to capture and convey the 100-year flood.

Design for the project is beginning and is expected to finish in the Fall of 2019. Construction to begin in 2020, if funding is available.

SMALL PROJECT ASSISTANCE PROGRAM PROJECTS

47th Avenue & Waltann Lane

7516 North Black Canyon Highway

Grovers Avenue at 53rd Place & 55th Place

Monterosa Street & 22nd Street



Construction of 1346 E Flower Street FY18 SPAP Project

FLOODPLAIN DELINEATION STUDIES

Adobe Dam Conditional Letter of Map Revision

It was discovered that the ponding limits for Adobe Dam represented on FEMA's Flood Insurance Rate Maps (FIRMs) as the 100-year ponding limits were actually the ponding limits for a much larger flood (the Standard Project Flood). A correction has been requested with all pertinent backup material submitted to FEMA for review and approval. The revision will result in a lowering of the FEMA 100-year water surface elevation by approximately 6 feet and allow for more uses of the area by County Parks.

South Branch Highline Canal Floodplain Delineation Study

This study came out of the Ahwatukee Foothills ADMS. It removes the floodplain from this reach and, thereby, removes 46 homes from the floodplain. The study has been completed and submitted to FEMA for review.

PLANNING STUDIES

FY2019-2020

Metro Phoenix ADMP Update

The Central Phoenix Area Drainage Master Plan (ADMP) Update is underway to develop and recommend strategies to reduce flood hazards and protect public safety in a 75-square-mile study area located in central Maricopa County.

Cudia City Wash ADMS

The Cudia City Wash ADMS area experienced heavy rains in the summer of 2014, causing flooding in the City of Phoenix and the Town of Paradise Valley. The purpose of this study is to identify potential flood hazards due to changes in the watershed since 1994 by using updated mapping technology and a more technically sound approach to the identification of these hazards.

FY2020-2021

Adobe Dam/Desert Hills ADMP Update

FY2021-2022

Apache Wash-South ADMS Update

Durango ADMP Update

FY2023-2024

Maryvale ADMS Update

OPERATIONS & MAINTENANCE PROJECTS

ACDC Fence Repair

Project started in November 2018. It is scheduled to be completed in FY 20/21.

48th Street Drain Channel Repair

Project is scheduled to start in March 2019.

