

WHO WE ARE

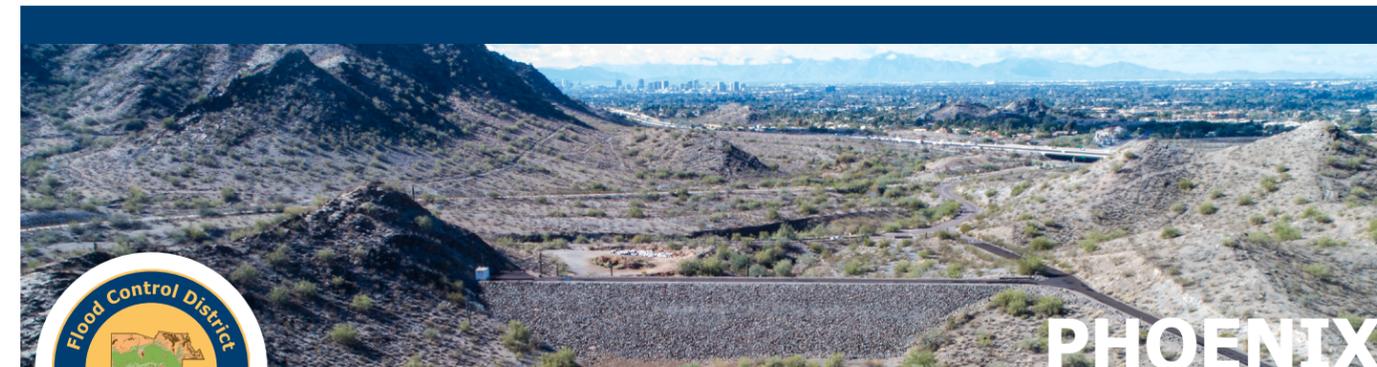
FCD was created in 1959 to reduce the risk of flooding to people and property. Flood control structural projects and programs that have occurred since the creation of the District provide ongoing opportunities for economic vitality, alternative water management and long-term benefits for the community and environment.

The District is a political subdivision of the State of Arizona and is governed by a Board of Directors who also serve as the Maricopa County Board of Supervisors. It is advised by the citizen Flood Control Advisory Board. As a special taxing district, FCD has authority to levy a secondary property tax on parcels within the county to fund flood control efforts. The District's jurisdiction encompasses more than 9,200 square miles. It has partnered on over 151 flood control structures and operates 397 ALERT Stations covering 11,820 square miles.

The District strives to stay ahead of development, which opens up continued opportunities for collaboration. Flood education and tools such as GIS and drone technology, Flo-2D modeling and online permitting help FCD continue to improve, protect and facilitate interaction with stakeholders and citizens.

WHAT WE DO

- Develop 5-year Floodplain Management Plans, which set goals and actions to address the county's vulnerability
- Identify flood hazards through Studies
- Cost share with communities to build, maintain and operate flood control structures (dams, levees, basins, channels & storm drains)
- Issue Floodplain Use Permits and conduct inspection
- Provide flood related technical support to communities
- Oversee county-wide Flood Warning & Response System
- Implement water quality best management practices
- Educate public on flood safety, risk reduction and flood insurance



PHOENIX

COLLABORATION & PARTNERSHIPS

Historically, floods have caused millions of dollars worth of damage to homes, businesses, roads and farmland. Although considerable strides have been made in identifying flood hazards, building flood control structures and establishing programs and regulations, there is still work to be done. Flooding during more recent monsoon storms demonstrated that regional structures are still needed in areas to protect existing development.

In partnership with the City of Phoenix, the Flood Control District (FCD or District) of Maricopa County reduces risk from flooding so property damage and loss of life is minimized, economic development is supported in a safe and responsible manner and stormwater is recognized as a resource for long-term benefit to the community and environment. Many of the completed structural flood control projects protecting the public also enhance the community as multi-use opportunities such as recreational features, trails and open spaces.



Laveen Area Conveyance Channel Multi Use Project

The City of Phoenix conducts their own floodplain permitting. However, FCD provides other services for the City such as: Area drainage studies, cost-share on flood control projects, flood warning (ALERT) and educational outreach.

The District continues to reduce risk through new structures (Capital Improvement Program - CIP), purchase of homes and floodproofing to help homeowners in floodprone areas (Floodprone Properties Assistance Program - FPAP) and partially funding small/local projects through the Small Project Assistance Program (SPAP). Ongoing collaboration with citizens, municipalities, agencies and developers is essential to ensure that people and property remain safe during floods as the county grows and responsible economic growth is supported.

PARTNERSHIPS AT A GLANCE

CAPITAL INVESTMENTS

Cost-sharing partnerships of approximately \$95 million in capital investments over the last 15 years for flood control structures benefiting area residents (excludes funding for hazard identification studies, maintenance, ALERT stations and other programs).

SMALL PROJECT ASSISTANCE PROGRAM

35 Projects Completed ~ \$7,020,551
SPAP Projects Protect 139 Structures

FLOODPRONE PROPERTY ACQUISITION PROGRAM

9 Properties Acquired ~ \$2,562,000

CUSTOMER INQUIRIES (In the last 5 years)

2,593 Floodplain Determinations
312 General Information
40 Storm Event Calls
10 Public Records Requests

STEM CURRICULUM OUTREACH

STEM Curriculum distributed to 15 schools
5 Visits to demonstrate the Interactive Flood Simulation Model to students

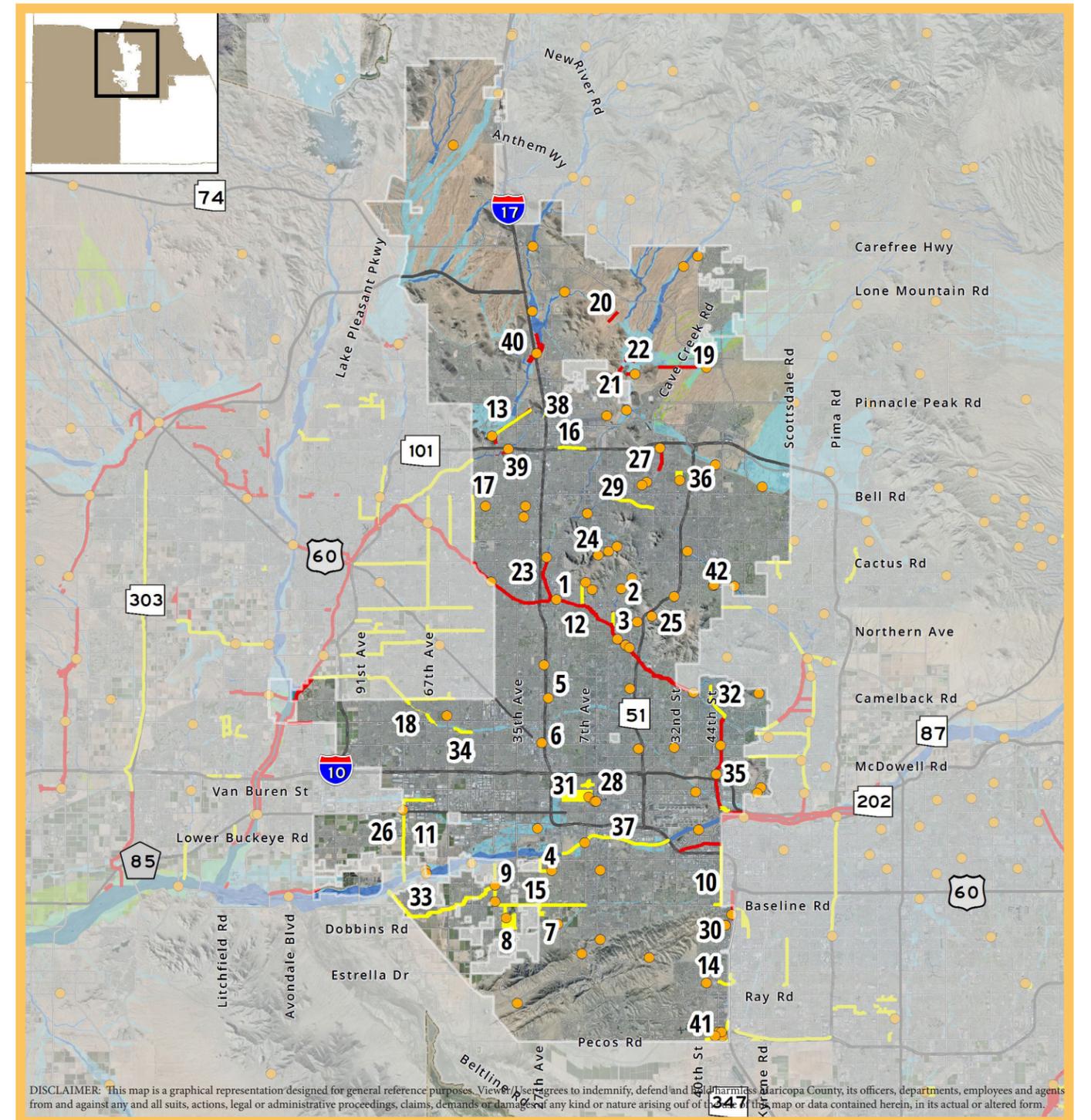


COMPLETED STRUCTURES

1. 9th Avenue Storm Drain
2. 10th Street Wash Basins
3. 10th Street Wash Storm Drain
4. 23rd Ave & Roeser Storm Drain and Basin
5. 24th Ave & Camelback Rd Basin
6. 26th Ave & Verde Lane Basin
7. 27th Ave & South Mountain Ave Basin
8. 35th Ave & Dobbins Road Basin and Storm Drain
9. 43rd Ave Basin
10. 48th Street Storm Drain
11. 75th Avenue Storm Drain
12. ACDC Reach 2-4
13. Adobe Dam & Outlet Channel
14. ADOT Pit & Diversion Channel
15. Baseline Road Storm Drain & Basin
16. Beardsley Road Drainage System
17. Bell Road Improvement (51st Avenue)
18. Bethany Home Outfall Channel
19. Cave Buttes Dam Dike #2
20. Cave Buttes Dam Dike #3
21. Cave Buttes Dam, Cave Buttes Dike 1 & Emergency Spillway
22. Cave Creek Dam & Emergency Spillway
23. Cave Creek Wash & Sediment Basin
24. City of Phoenix Dam 7 Rehabilitation
25. Dreamy Draw Dam, Emergency Spillway & Saddle Dike
26. Durango Regional Conveyance Channel
27. East Fork Cave Creek Channel & Coyote Basin
28. Fillmore Storm Drain
29. Greenway Parkway Channel
30. Guadalupe FRS East Dam, Emergency Spillway, North Dam #1 & North Dam #2
31. Jefferson Street & I-17 Storm Drains
32. Lafayette Interceptor Drain & Outlet
33. Laveen Area Conveyance Channel
34. Maryvale Stadium West Inlet Channel
35. Old Cross Cut Canal
36. Paradise Valley Basin
37. Rio Salado
38. Scatter Wash Basin
39. Scatter Wash Channel
40. Skunk Creek I-17 Channel & Levee
41. Southeast Phoenix Regional Drainage
42. Tatum Wash Basin

COMPLETED STUDIES

- Adobe Dam/Desert Hills Area Drainage Master Plan (ADMP)
- Arizona Canal Diversion Channel Area Drainage Master Study (ADMS)
- Awatukee ADMS
- Cudia City ADMS
- Durango ADMP
- Hokokam ADMP
- Laveen ADMP
- LOMR - Adobe Dam
- Lower Indian Bend Wash ADMS/P
- Lower Salt River Flood Delineation Study (FDS)
- Maryvale ADMS
- Metro Phoenix ADMP
- Middle Indian Bend Wash ADMS/P
- Pinnacle Peak Wash Design Concept Report (DCR)
- Pinnacle Peak West ADMP
- Scatter Wash FDS
- South Mountain/Laveen Flood Response Plan
- Tres Rios Levee FDS
- Upper East For Cave Creek ADMS
- Upper New River ADMP



Maricopa County OET, GIS Division, 8/24/2018



GENERAL FLOODPLAIN INFORMATION

42.2 sq-mi of floodplain in 517.5 sq-mi of City limits = ~ 8.2%
Benefits from 82 ALERT gages in city & 33 stations within 5 mi