

CURRENT & UPCOMING PROJECTS

CAPITAL IMPROVEMENT PROGRAM PROJECTS

Central Chandler Storm Drain Improvements
Chandler Heights Basin

PLANNING STUDIES

FY2019-2020

- San Tan ADMS Update
- Downtown Mesa ADMS
- North Mesa ADMS
- Queen Creek ADMS Update

FY2021-2022

- Higley ADMP Update

FY2022-2023

- Gilbert/Chandler ADMS Update



SUPERVISOR DISTRICT 1

In partnership with the cities and towns, the Flood Control District (FCD) 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. Additionally, FCD provides other services such as: area drainage studies, cost share on flood control projects, flood warning (ALERT) and educational outreach.



Rittenhouse Flood Retarding Structure Outfall

FCD continues to reduce risk through new structures (Capital Improvement Program), purchase of homes and floodproofing to help homeowners in floodprone areas (Floodprone Properties Assistance Program) 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 and that responsible economic growth is supported.

DISTRICT 1 PARTNERSHIPS AT A GLANCE

SMALL PROJECT ASSISTANCE PROGRAM Since 2011

3 Projects Completed ~ \$682,105.20
SPAP Projects Protect 9 Structures

CUSTOMER INQUIRIES (In the last 5 years)

1,652 Floodplain Determinations
264 General Information
205 Community Permits Processed
41 Unincorporated Permits Processed
24 Public Records Requests

STEM CURRICULUM OUTREACH

STEM Curriculum distributed to 2 schools
1 Visit to demonstrate the Interactive Flood Simulation Model to students

COMPLETED STRUCTURES

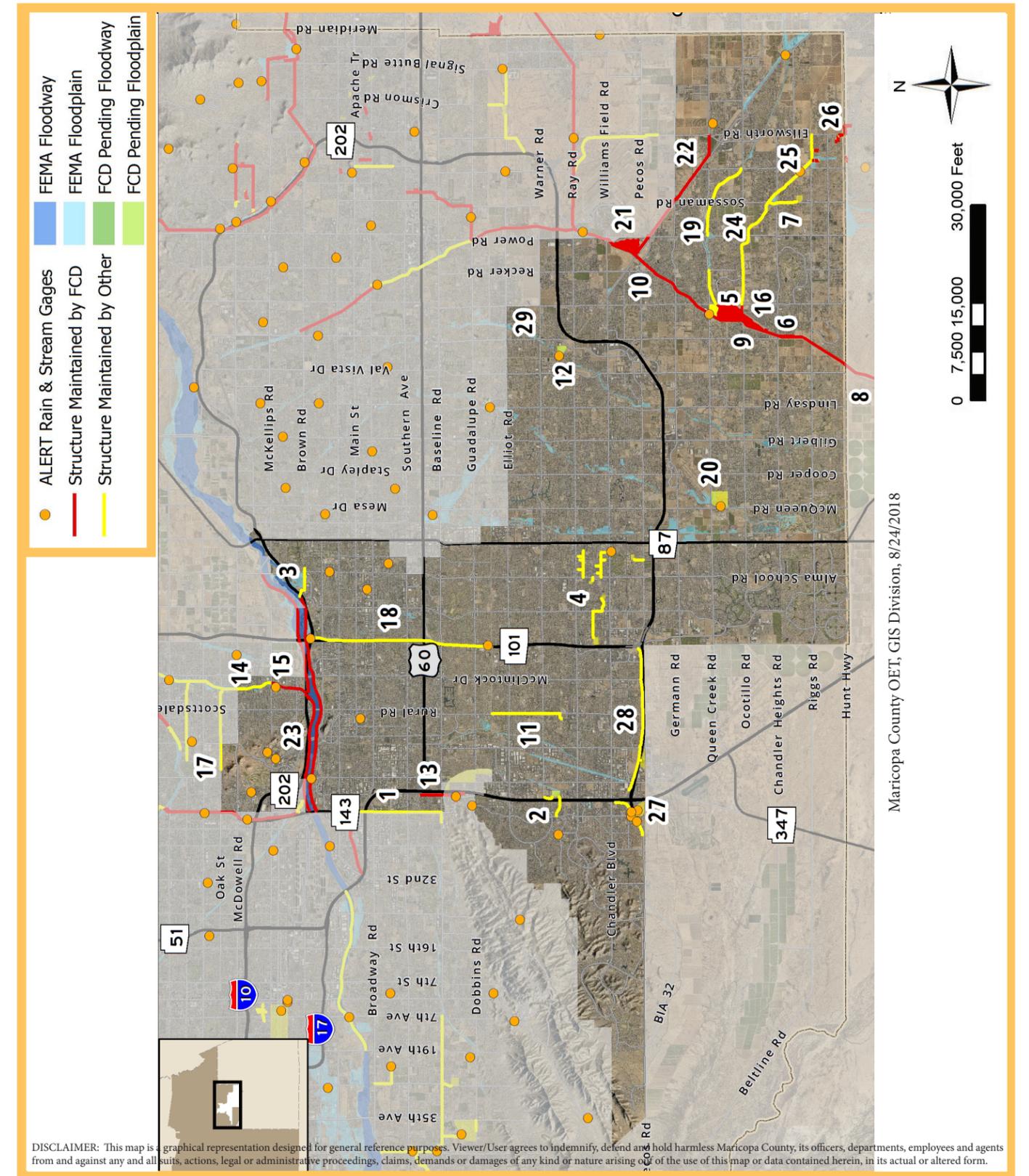
1. 48th Street Storm Drain
2. ADOT Pit and Diversion Channel
3. Alma School Drain
4. Central Chandler Area Drainage System and Storm Drains
5. Chandler Heights Basin
6. Chandler Heights Mitigation Area
7. Cloud Road / Sossaman Outlet and Basin
8. East Maricopa Floodway Reach 2
9. East Maricopa Floodway Reach 3
10. East Maricopa Floodway Reach 4
11. Gila Drain Storm Drain
12. Gilbert Cross Roads Basin
13. Guadalupe FRS Principal Spillway Outlet
14. Indian Bend Wash Greenbelt
15. Indian Bend Wash Outlet Channel
16. Lower Queen Creek Basin
17. Oak Street Drain
18. Price Road Drain
19. Queen Creek Channel
20. Queen Creek Road Basin
21. Rittenhouse Road Basin
22. Rittenhouse Road Drain
23. Salt River Channel Levee
24. Sonoqui Wash Phase 1
25. Sonoqui Wash Phase 2
26. Sonoqui Wash Channelization and Basins Phase 3
27. Southeast Phoenix Regional Drainage
28. Southeast Valley Regional Drainage
29. Warner Road/Greenfield Road Basin



Vineyard Flood Retarding Structure

COMPLETED STUDIES

- Ahwatukee Foothills ADMS/P
- Broadway and Rural Drainage Master Plan
- East Maricopa County Area Drainage Master Study
- East Maricopa Floodway Capacity Assessment
- East Mesa Area Drainage Master Plan (ADMP) Update
- Higley Area Drainage Master Plan
- Hohokam Area Drainage Master Plan
- Queen Creek / Sonoqui Wash Hydraulic Master Plan
- Queen Creek Area Drainage Master Study
- San Tan West Area Drainage Master Study (ADMS)
- Tempe Area Drainage Master Study (ADMS)
- Gilbert Chandler ADMS
- Southeast Mesa ADMP
- Lower Indian Bend Wash Area Drainage Master Study/Plan



GENERAL FLOODPLAIN INFORMATION

9.3 sq-mi of floodplain in 244.6 sq-mi of district boundaries = ~ 3.77%
 Benefits from 28 ALERT gages in district boundaries.