

CURRENT & UPCOMING PROJECTS

CAPITAL IMPROVEMENT PROGRAM PROJECTS

- Sunnycove Flood Retarding Structure Seepage Collection System Improvements
- McMicken Dam Rehabilitation
- McMicken Dam Outlet Channel Improvements
- Buckeye Flood Retarding Structure No 1 Rehabilitation
- Buckeye Flood Retarding Structure No 2 Manhole Improvements

OPERATIONS & MAINTENANCE PROJECTS

- ACDC Fence Repair

PLANNING STUDIES

FY2018-2019

Sun Valley ADMP

FY2019-2020

Wittmann ADMP Update

FY2020-2021

North Peoria ADMP Update

FY2022-2023

Glendale/Peoria ADMP Update
ACDC West ADMS

FY2023-2024

Glendale/Peoria ADMP Update -
NW Region



SUPERVISOR DISTRICT 4

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.



Junction Structure Install at 107th & Union Hills Drive

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 4 PARTNERSHIPS AT A GLANCE

SMALL PROJECT ASSISTANCE PROGRAM Since 2011

7 Projects Completed ~ \$1,196,620
SPAP Projects Protect 31 Structures

FLOODPRONE PROPERTIES ASSISTANCE PROGRAM

15 Properties Acquired ~ \$2,212,000

CUSTOMER INQUIRIES (In the last 5 years)

4,411 Floodplain Determinations
269 General Information
67 Community Permits Processed
393 Unincorporated Permits Processed
28 Public Records Requests

STEM CURRICULUM OUTREACH

STEM Curriculum distributed to 8 schools
4 Visits to demonstrate the Interactive Flood Simulation Model to students

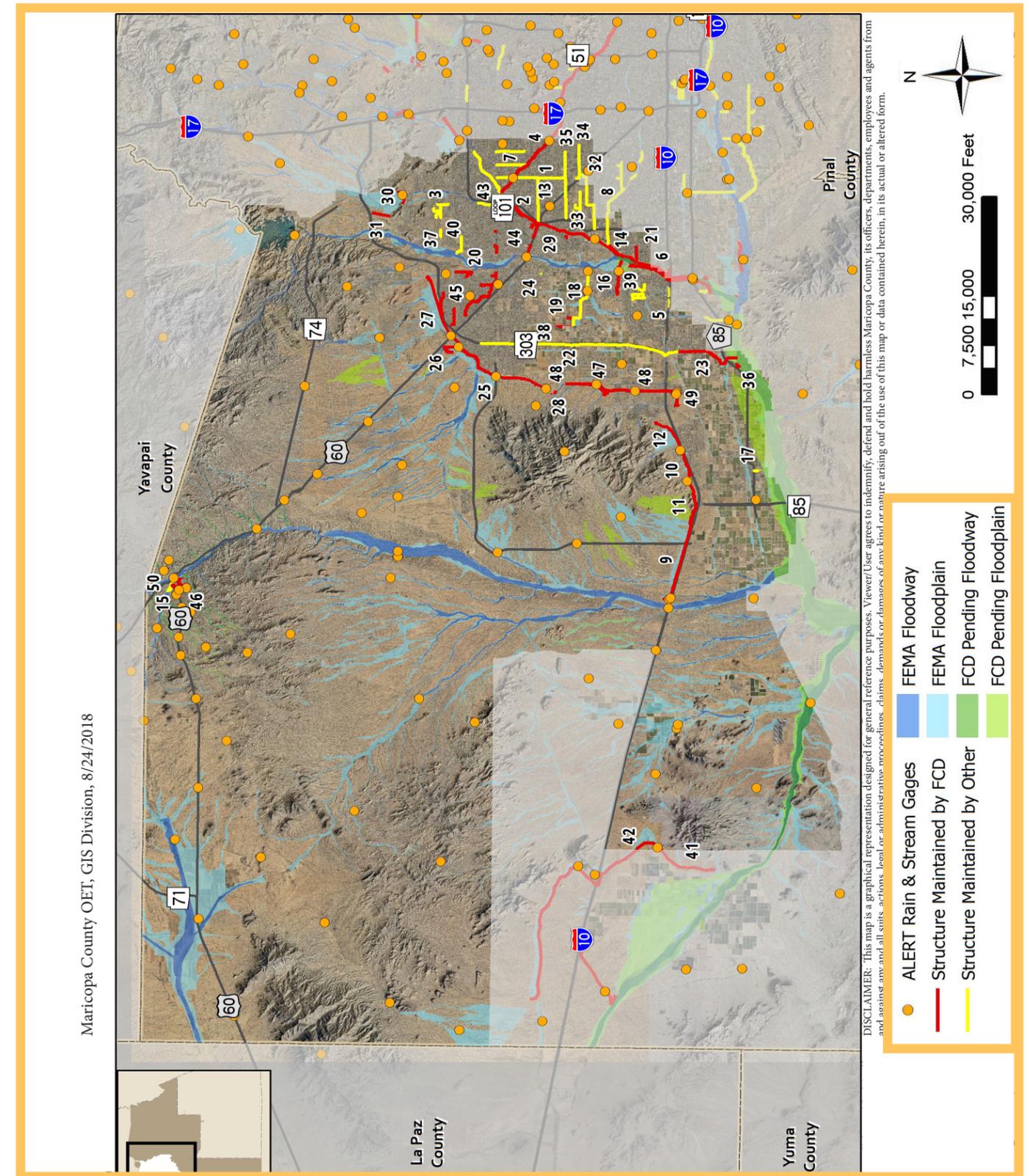
COMPLETED STRUCTURES

1. 67th Avenue Storm Drain
2. 83rd Avenue Grade Control Structure for New River
3. 83rd Avenue and Pinnacle Peak Drainage Improvement Project
4. ACDC Reach 1 & 2
5. ADOT Basins
6. Agua Fria River Diversion Dike and Levees
7. Bell Road Improvements
8. Bethany Home Outfall Channel
9. Buckeye FRS #1
10. Buckeye FRS #2
11. Buckeye FRS #2 Dike, Floodway, Outlet Channel and Emergency Spillway
12. Buckeye FRS #3 and Outfall Channel
13. Cactus Road Storm Drain
14. Camelback Ranch Levee
15. Casandro Wash Dam and Outlet
16. Colter Channel
17. Downtown Buckeye Drainage Basin
18. Dysart Drain
19. Dysart Drain Inflow Channel
20. El Mirage Drain
21. Indian School Road Drain
22. Loop 303 Freeway Channel
23. Loop 303 Outfall Drainage System
24. Lower El Mirage Basin
25. McMicken Dam
26. McMicken Dam Emergency Spillway, North Dike & Inlet Channel, Training Dike
27. McMicken Dam Outlet Channel
28. McMicken Dam South Basin and Outlet Channel
29. New River Channelization Reach #1-4 and #5 Levees
30. New River Dam, Dike #2, Emergency Spillway and Outlet Channel
31. New River Dam Dike #1
32. Northern and Oranewood Basin
33. Northern and Butler Basin
34. Northern Avenue Storm Drain
35. Olive Avenue Storm Drain
36. Perryville Bank Stabilization
37. Pinnacle Peak Road Basin and Channel
38. Reems Road Channel and Basin
39. RID Canal Overchute

40. Rose Garden Lane Channel and Basin
41. Saddleback Diversion Channel
42. Saddleback FRS
43. Skunk Creek Bank Stabilization, Channelization and Low Flow Channel
44. Sun City Drains
45. Sun City West Drains
46. Sunnycove Dam and Pipeline, Sunset Dam and Pipeline, Sunset/Sunnycove Pipeline
47. White Tanks FRS #3, Emergency Spillway, Northern Inlet and Outlet Basin
48. White Tanks FRS #3 Outfall Channel
49. White Tanks FRS #4, Cofferdam, Inflow Channel and Emergency Spillway #1 & #2
50. Wickenburg – Sols Wash

COMPLETED STUDIES

- 107th Avenue and Union Hills Drive Design Concept Report
- Agua Fria Watercourse Master Plan (WCMP)
- Aguila Area Drainage Master Plan (ADMP)
- Arizona Canal Diversion Channel Area Drainage Master Study
- Buckeye Area Drainage Master Plan (ADMP)
- Buckeye/Sun Valley Area Drainage Master Study (ADMS)
- Gillespie Area Drainage Master Study
- Glendale/Peoria Area Drainage Master Plan
- Loop 303 Corridor/ White Tanks Area Drainage Master Plan Update
- Lower Hassayampa Watercourse Master Plan (WCMP)
- Luke Wash Area Drainage Master Plan (ADMP)
- Maryvale Area Drainage Master Study (ADMS)
- Middle New River Watercourse Master Plan
- North Peoria Area Drainage Master Plan (ADMP)
- Rainbow Valley Area Drainage Master Plan (ADMP)
- Sun Valley Area Drainage Master Plan (ADMP)
- Upper New River Area Drainage Master Plan
- West Avondale ADMS/P
- Wickenburg Area Drainage Master Study/Plan
- Wittmann Area Drainage Master Plan



GENERAL FLOODPLAIN INFORMATION

408.3 sq-mi of floodplain in 2,296 sq-mi of district boundaries = ~ 17.8%

Benefits from 128 ALERT gages in district boundaries.