

**FY2025 Phoenix Floodplain Management Plan (ST83140150)****Committee Meeting #4****March 19, 2025, at 9:00 AM – 11:00 AM****MEETING MINUTES**

- 1. Safety moment – Road Trip Safety**
- 2. Overview of Phoenix General Plan**
- 3. Overview of FMP Mtg #3: Set Goals**
  - a. Finalize Goals Language
    - i. Expand on funding and be more specific.
      - Funding should be proactive instead of reactive.
    - ii. Manny Patel – Add language that includes “present/future”.
    - iii. Nazar Nataby – change wording to “mitigation and planning” instead of protecting.
- 4. Step 7 – Review Possible Actions**
  - a. Previous Phoenix, Maricopa County, and Pima County Goals (See Presentation slides for details)
- 5. Break**
- 6. Breakout – Identify Possible Activities**
- 7. 2025 FMP Discussion - Identify Activities – Review Possible Actions (Step 7)**
  - a. **Group 1**
    - i. Educate the Public, Policy Makers, and City
      - Posting public meetings, informing the public of dangers and upcoming plans.
      - City members should attend HOA meetings.
    - ii. Coordination with Other Jurisdictions
      - Training and inviting other agencies.
      - Hosting joint public and agency meetings.
      - Make regulations more “friendly” and explain the why behind them.
    - iii. Protect People, Property and Natural Resources
      - Marking flood areas with survey equipment to install safety measures.
    - iv. Protect Critical Infrastructure and Facilities
      - Make sure critical facilities are protected.
    - v. Maintenance and Preventative Measures
      - Maintenance plans
      - Accountability
      - Pre vs Post failure costs and efforts
  - b. **Group 2**
    - i. Educate the Public, Policy Makers, and City
      - Flyers and websites
      - Develop vegetation management hazards.
      - Attend neighborhood meetings, and home and garden shows.
      - Educate council and encourage them to educate their constituents.

- ii. Coordination with Other Jurisdictions
  - Make sure agencies such as ADOT, CAP, FEMA, DEMA are on the same page and have the latest and greatest information.
- iii. Protect People, Property and Natural Resources
  - Use information as a way to protect.
  - Evaluate and update standards.
- iv. Protect Critical Infrastructure and Facilities
  - Maintain database of critical facilities.
- v. Maintenance and Preventative Measures
  - Continue and expand annual inspections and repairs and check that other agencies are performing their maintenance.
  - Letting people know how much city is maintaining.
- vi. Funding
  - Nonprofit assistance
  - Expand impact fee
- c. Group 3
  - i. Educate the Public, Policy Makers, and City
    - Overview of design flows, investigate where higher restrictions are needed.
    - Implement something for hill bottom developments where flooding is more likely.
    - Requirements for retaining more onsite.
  - ii. Protect People, Property and Natural Resources
    - Invest in green stormwater infrastructure and infiltration methods.
    - Implement ways to slow down flows.
    - Keeping natural washes functioning naturally.
  - iii. Maintenance and Preventative Measures
    - Proper maintenance of basins and retention ponds
    - Using natural vegetation to slow flows
  - iv. Funding
    - Dedicated funding
    - Tucson or Pima has a stormwater infrastructure funds.
    - The City should not rely on piecemeal funding, there needs to be permanent funding
- d. Group 4
  - i. Educate the Public, Policy Makers, and City
    - Community advocate
    - Advertising for elderly
  - ii. Protect People, Property and Natural Resources
    - Perform flood plain delineation study.
    - Letting people know they may be at risk.
  - iii. Maintenance and Preventative Measures
    - Maintenance on drywells and require HOAs to prove the drywells work.
    - Easy way to report maintenance issues.

**8. Next Steps**

- a. Virtual Public Meeting – May 22, 2025
- b. Stakeholder Outreach

**9. Adjourn**

**Final Meeting:**

**Committee Meeting #5 – Draft an Action Plan**

**Wednesday, April 9, 2025**

**Phoenix City Hall - 200 W Washington Street, 85003**



# City of Phoenix Floodplain Management Plan (FMP) 2025

## **FMP Committee Meeting #4**

March 19, 2025



# AGENDA

- Safety Moment
- Overview of Phoenix General Plan
- Overview of Committee Meeting #3
- Refining and Finalizing Goals
- Identify Activities – Review Possible Actions
  - CRS Step 7
- Next Steps
  - Public Meeting
  - Outreach



## ROAD TRIP SAFETY MOMENT

Prepare for your next road trip with the below safety tips:

- Be sure to check the weather conditions locally and your planned destination
- Inspect tires and torque down lug nuts
- Maintenance your vehicle before long trips
- Pack emergency essentials for people & pets
  - flashlight, jumper cables, reflective triangles, first aid kit, food, water, map, and device chargers
- Keep a blanket or pool towel under you back seat
- Tell family and friends your plans and schedule
- Get plenty of sleep before you trip
- Make sure to drive with a buddy and take turns driving



Photo by Ricky Esquivel



# CITY OF PHOENIX 2025 GENERAL PLAN

## PLANNING EQUITY THROUGH **3 COMMUNITY BENEFITS**



### PROSPERITY

- Resident's connectivity to:
  - + Education
  - + Training
  - + Jobs
  - + Services
  - + Housing
  - + Arts and culture
  - + History
  - + Transportation options
- Progress in the areas of:
  - + Decreased cost of government
  - + Decreased cost of living



### HEALTH AND WELL-BEING

- Resident's connectivity to:
  - + Parks, trails and recreation facilities
  - + Healthy food and sustainable nutrition
  - + Safe and welcoming neighborhoods
  - + Celebration of culture and diversity
  - + Health and social services
  - + Sense of belonging, inclusion, and participation
- Progress in the areas of:
  - + Increase % population at a healthy weight.
  - + Reducing health inequalities
  - + Increasing mental health and resilience
  - + Safety for all users and abilities



### ENVIRONMENT

- Resident's connectivity to:
  - + Natural open space
  - + Mountains, rivers washes
  - + Clean air
  - + Clean water
  - + Clean soil
- Progress in the areas of:
  - + Access to natural open spaces
  - + Increased Preservation and Restoration of natural open spaces
  - + Lower nighttime temperatures
  - + Lower utility costs
  - + Reducing asthma rates



### 1. Create a Network of Vibrant Cores, Centers and Corridors

Core Value Policy Alignment: Downtown is the Core / Transit Oriented Communities / Arts, Culture and Entertainment / Infill Development / History and Local Business / Evolving Communities / Dynamic City / Mix of Housing / Connecting Neighborhoods to Village Cores / Opportunity Sites



### 2. Connect People & Places

Core Value Policy Alignment: Rio Reimagined / High-Capacity Transit / Active Transportation / Complete Streets / Road Safety / Public Transit / Parks / Canals and Trails / Access and Functional Needs Infrastructure / Knowledge Infrastructure



### 3. Strengthen Our Local Economy

Core Value Policy Alignment: Tech-Forward City / Resilient and Integrated Communities / Entrepreneurs and Emerging Enterprises / Manufacturing and Industrial Development / Highly Skilled Workforce / Airports / Tourism Infrastructure / Local and Small Business



### 4. Celebrate Our Diverse Communities & Neighborhoods

Core Value Policy Alignment: Historic and Cultural Resources / Certainty and Character / Safe Neighborhoods – (Police and Fire) / Evolving Neighborhoods / Welcoming Neighborhoods / Encourage Housing Options / Arts and Culture / Open Space



### 5. Build the Most Sustainable Desert City

Core Value Policy Alignment: Water Sensitive Planning / Cool Corridors / Desert Natural Landscape / Rivers, Washes and Waterways / Redeveloped Brownfields / Green Building / Healthy Local Food System / Energy Infrastructure / Community Shade / Waste Infrastructure



# 5

## CORE VALUES



# 7 STRATEGIC TOOLS FOR ACTION

The 7 Strategic Tools continue to guide and align various implementation resources and efforts for all City departments and community and business stakeholders to participate in making progress big and small towards the General Plan Vision, Core Values and Goals.



## 1. Plans

- A reference to an existing plan and a call to implement or update it
- Creation or adoption of new plans, studies or planning exercises



## 2. Codes

- Creation of new codes or regulations
- Update of an existing code or regulation



## 3. Operations

- Continuation or expansion of a current city program or practice
- Support for change to city program or practice



## 4. Financing

- Identification of a need for city financing for capital improvements
- Pursuit of philanthropic or other funding sources



## 5. Partnerships

- Identification and development of partnerships that could help achieve the goal.



## 6. Knowledge

- Creation of public awareness on a topic
- Enhancement of staff and community capacity



## 7. I PlanPHX

- Items that residents can do right now to implement the goal and play a direct role in shaping Phoenix's future.

## 2025 Five Core Values

Create Vibrant Cores, Centers, and Corridors

Connect People & Places

Strengthen Our Local Economy

Celebrate Our Diverse Communities and Neighborhoods

Build the Sustainable Desert City

Land Use  
Circulation  
Open Space  
Growth Area  
Environmental Planning  
Cost of Development  
Water Resources  
Conservation  
Recreation  
Public Services  
Public Buildings  
Housing  
Conservation, Rehabilitation & Redevelopment  
Safety  
Bicycling  
Energy  
Neighborhood Preservation & Revitalization

## 17 Arizona Statutory Required Planning Elements



# PLAN PHX

## NEXT STEPS

The General Plan 2025 Update provide a blueprint for what we are going to do together next. The next three years will involve an effort to collaborate with the community to make measureable progress on our commitments together. The following are some highlights of what is to come.

### Step One

- Refine and identify Metrics/Measures Updates.
- Identify Place Types at Village, Region, and City-wide (Cores, Centers and Corridors).
- Identify Village Character Plan Updates.
- Identify Land Use Map Updates.

### Step Two

- Initiate adoption of Place Types, Character Plans, and Land Use Map Updates.
- Collaborate with community partners and city departments on further addressing Planning Equity and the Three Community Benefits.
- Collaborate with city departments and community partners on an implementation approach for updating other city-wide policies, plans and initiatives.



## OVERVIEW OF CRS ACTIVITY 510 – FLOODPLAIN MANAGEMENT PLAN

- Step 1 – Organize
- Step 2 – Involve the Public
- Step 3 – Coordinate
- Step 4 – Assess the Hazard (FMP Committee Meeting #1)
- Step 5 – Assess the Problem (FMP Committee Meeting #2)
- Step 6 – Set Goals (FMP Committee Meeting #3)
- **Step 7 – Review Possible Actions (FMP Committee Meeting #4)** ← TODAY'S MEETING
- Step 8 – Draft an Action Plan (FMP Committee Meeting #5)
- Step 9 – Adopt a Plan
- Step 10 – Implement, Evaluate, and Revise



## REVIEW FMP MEETING # 3 GOALS

- Public Information
  - Educate the public
  - Improve public notification
  - Educate homeowners and development planners
- Regulatory Standards
  - Max water storage, reviewing natural flows
  - Educating policy makers and leaders
- Funding
  - Expand funding for flood hazards and mitigation
  - Securing dedicated funding
- Natural Floodplain Protection
  - Proactive maintenance
  - Protect natural floodplain functions
- Property Protection
  - Provide assistance to HOA & property owners
  - Identify flood hazards in communities
  - Protecting critical infrastructure



## FINALIZE GOALS

- Protect People, Property, and Natural Floodplain Functions
- Protect Critical Infrastructure and Facilities
- Proactive Maintenance and Preventative Measures
- Education Public, City Leaders, and Policy Makers
- Coordination with Other Jurisdictions
- Funding



## STEP 7 – REVIEW POSSIBLE ACTIONS

- Review of a wide range of activities to ensure all possible measures are explored
- Not just the traditional approaches of flood control, acquisition, and regulation of land use
- Discuss Pros and Cons for Different Activities
- Brainstorm all possible activities



| Action Item                            | Goal 1: Reduce risks that threaten life and property | Goal 2: Protect critical infrastructure | Goal 3: Promote Hazard Mitigation | Goal 4: Increase Public Awareness of Hazards | Chapter - Recommendation | Deadline                  |
|----------------------------------------|------------------------------------------------------|-----------------------------------------|-----------------------------------|----------------------------------------------|--------------------------|---------------------------|
| <b>Administrative Actions</b>          |                                                      |                                         |                                   |                                              |                          |                           |
| 1.0 Plan Adoption                      | X                                                    | X                                       | X                                 | X                                            | Section 3.9              | Oct-16                    |
| 2.0 Monitoring and Reporting           | X                                                    | X                                       | X                                 | X                                            | Section 3.10             | October - annually        |
| 3.0 Community Rating System            | X                                                    | X                                       | X                                 | X                                            | Section 1.2 & 3.10       | CRS Recertification Visit |
| <b>Program Action Items</b>            |                                                      |                                         |                                   |                                              |                          |                           |
| 4.0 Dam Improvements                   | X                                                    | X                                       | X                                 |                                              | Section 3.4 (1b)         | Continuous Activity       |
| 5.0 Levee Improvements                 | X                                                    | X                                       | X                                 |                                              | Section 3.4 (1a)         | Continuous Activity       |
| 6.0 Drainage system maintenance        | X                                                    | X                                       |                                   |                                              | Section 3.4 (4a)         | Continuous Activity       |
| 7.0 Drainage system improvements       | X                                                    | X                                       | X                                 |                                              | Section 3.4 (4a)         | Oct-16                    |
| 8.0 Property protection funding        | X                                                    | X                                       | X                                 |                                              | Section 3.4 (4a)         | Oct-16                    |
| 9.0 Regulatory review                  | X                                                    | X                                       | X                                 |                                              | Section 3.5e & 3.7       | CRS Recertification Visit |
| 10.0 NFIP administration               | X                                                    | X                                       |                                   |                                              | Section 3.7a             | After CAC                 |
| 11.0 Certified Floodplain Managers     | X                                                    | X                                       | X                                 | X                                            | Section 3.7a             | Oct-16                    |
| 12.0 Flood response plan               | X                                                    | X                                       | X                                 | X                                            | Section 3                | Continuous Activity       |
| <b>Public Information Action Items</b> |                                                      |                                         |                                   |                                              |                          |                           |
| 13.0 Newspaper notifications           | X                                                    |                                         | X                                 | X                                            | Section 3.7 (g)          | Continuous Activity       |
| 14.0 City Notes articles               | X                                                    |                                         | X                                 | X                                            | Section 3.7 (g)          | Continuous Activity       |
| 15.0 City Website                      | X                                                    |                                         | X                                 | X                                            | Section 3.7 (g)          | Oct-16                    |
| 16.0 Technical References              | X                                                    | X                                       | X                                 | X                                            | Section 3.7 (b)          | CRS Recertification Visit |
| 17.0 Public information projects       | X                                                    | X                                       | X                                 | X                                            | Section 3.7 (c & g)      | Continuous Activity       |
| 18.0 Public information messages       | X                                                    |                                         | X                                 | X                                            | Section 3.7 (g)          | Continuous Activity       |

This table relates 18 action items to the 4 goals of this plan. This table further shows the relationship between action items and the recommendations within Step 8. The reviews need to be completed in advance of the next CRS verification visit, which is currently scheduled for the third quarter of 2017.

# 2016 Phoenix FMP Action Items

- Administrative
- Program
- Public Information



# 2021 Maricopa County Hazard Mitigation Plan Action Plan

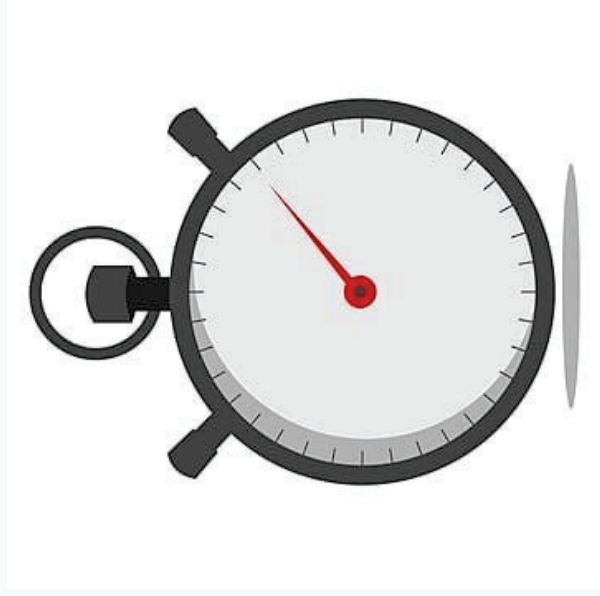
- Regulatory Standards
- Property Protection
- Protection of Natural Floodplain Function
- Emergency Services Activities
- Structural Projects
- Public Information Activities
- Fiscal Capabilities



## MARICOPA AND PIMA COUNTY FMP ACTION ITEMS



TAKE A BREAK! – 10 MINUTES



## REVIEW POSSIBLE ACTIONS *BREAK OUT – 30 MINUTES*

### **Goals:**

- Protect People, Property, and Natural Floodplain Functions
- Protect Critical Infrastructure and Facilities
- Proactive Maintenance and Preventative Measures
- Education Public, City Leaders, and Policy Makers
- Coordination with Other Jurisdictions
- Funding

### **Action Item Categories:**

- Preventative
- Property Protection
- Natural Resource Protection
- Emergency Services
- Structural Projects
- Public Information



## Review Possible Actions – Step 7

- Identify Activities
  - Preventative
  - Property Protection
  - Natural Resource Protection
  - Emergency Services
  - Structural Projects
  - Public Information



## NEXT STEPS:

- Public Meeting – Virtual – May 22nd
- Outreach – Sunnyslope and Laveen
- **Next (& Last) Meeting**
  - Wednesday, April 9, 2025
  - Phoenix City Hall - 200 W Washington Street, 85003





# Questions?

Next FMP Committee Meeting | April 9, 2025 | 9am City of Phoenix City Hall

