

**CITY OF PEORIA, ARIZONA
COUNCIL COMMUNICATIONS**

CC: _____
Amend No. _____

Date prepared: July 21, 2010

Council Meeting Date: August 17, 2010

TO: Carl Swenson, City Manager
THROUGH: Susan K. Thorpe, Deputy City Manager *SKT*
FROM: Thomas Solberg, Fire Chief *TS*
SUBJECT: 2009 Maricopa County Multi-jurisdictional Hazard Mitigation Plan,
Jurisdictional Summary for the City of Peoria

RECOMMENDATION: Discussion and possible action to approve **RES. 10-** authorizing the approval of the 2009 Maricopa County Multi-jurisdictional Hazard Mitigation Plan for the City of Peoria. The Plan has been prepared in compliance with Section 322 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act (Stafford Act) in cooperation with Maricopa County Department of Emergency Management (MCDEM) and 28 participating jurisdictions.

SUMMARY: Natural and man-made disasters can have a profound impact on life, property, the economy and government services. Identifying a coordinated response, mitigation and recovery plan not only for the City of Peoria but also for Maricopa County and neighboring jurisdictions is imperative. The City of Peoria developed and approved a Hazard Mitigation Plan on July 6, 2004 under Resolution No. 04-115. This plan addressed specific planning elements for the 27 participating jurisdictions and was approved by FEMA on November 29, 2004 with an expiration date of November 29, 2009.

The City of Peoria in conjunction with Maricopa County Department of Emergency Management (MCDEM) and 28 participating jurisdictions recently updated the Maricopa County Multi-jurisdictional Hazard Mitigation Plan to more specifically meet the needs of the City of Peoria, the County and those participating jurisdictions. The Plan has been prepared in compliance with Section 322 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act (Stafford Act), 42 U.S. C. 5165, enacted under Sec. 104 the Disaster Mitigation Act of 2000, (DMA 2000) Public Law 106-390 of October 30, 2000, as implemented at CFR 201.6 and 201.7 dated October, 2007. The Plan identifies hazard mitigation measures intended to eliminate or reduce the effects of future disasters throughout the County and was developed in a joint and cooperative venture

CITY CLERK USE ONLY:

- Consent Agenda
- Carry Over to Date: _____
- Approved
- Unfinished Business (Date heard previous: _____)
- New Business
- Public Hearing: No Action Taken

ORD. # _____ RES. # _____
LCON# _____ LIC. # _____
Action Date: _____

by members of the Maricopa County Multi-jurisdictional Planning Team. The Peoria Fire Department is requesting that the Mayor and City Council adopt the City of Peoria Jurisdictional Summary of the 2009 Maricopa County Multi-jurisdictional Hazard Mitigation Plan.

FISCAL NOTE: Not applicable

ATTACHMENT:

2009 Maricopa County Multi-jurisdictional Hazard Mitigation Plan, Jurisdictional Summary for the City of Peoria

Resolution authorizing the adoption of the City of Peoria 2009 Hazard Mitigation Plan

**MARICOPA COUNTY
MULTI-JURISDICTIONAL
HAZARD MITIGATION PLAN
2009**

**JURISDICTIONAL SUMMARY
FOR THE
CITY OF PEORIA**





CITY OF PEORIA JURISDICTIONAL SUMMARY

Across the United States, natural and human-caused disasters have led to increasing levels of death, injury, property damage, and interruption of business and government services. The toll on families and individuals can be immense and damaged businesses cannot contribute to the economy. The time, money and effort to respond to and recover from these emergencies or disasters divert public resources and attention from other important programs and problems. With 51 federal or state declarations, 281 other events, and a combined total of 336 disaster events recorded, the 28 jurisdictions contained within Maricopa County, Arizona and participating in this planning effort, recognize the consequences of disasters and the need to reduce the impacts of natural and human-caused hazards. The County and jurisdictions also know that with careful selection, mitigation actions in the form of projects and programs can become long-term, cost effective means for reducing the impact of natural and human-caused hazards.

The elected and appointed officials of Peoria demonstrated their commitment to hazard mitigation in 2003-2004 by preparing the first City of Peoria Hazard Mitigation Plan (2004 Plan). The 2004 Plan was comprised of a multi-jurisdictional, county-wide umbrella plan and 27 jurisdiction specific annexes that addressed specific planning elements for each jurisdiction. The 2004 Plan was approved by FEMA on November 29, 2004 and requires a full, FEMA approved, update prior to the November 29, 2009 expiration.

In response, the Maricopa County Department of Emergency Management (MCDEM) secured a federal planning grant and hired JE Fuller/ Hydrology & Geomorphology, Inc. to assist the County and participating jurisdictions with the update process. MCDEM reconvened a multi-jurisdictional planning team (MJPT) comprised of veteran and first-time representatives from the City and other participating jurisdictions, various Maricopa County departments and organizations, Arizona Division of Emergency Management, National Weather Service, Arizona Geologic Survey, and Arizona Public Service. The MJPT met monthly through July 2009 in a collaborative effort to review, evaluate, and update the 2004 Plan into a single, consolidated Maricopa County Multi-Jurisdictional Hazard Mitigation Plan (Plan). The Plan also contains a Tribal Annex for each of the two participating Indian Tribes to address Tribal specific planning elements, and jurisdictional summaries such as this one. The Plan will continue to guide the City, County and other participating jurisdictions toward greater disaster resistance in full harmony with the character and needs of the community and region.

The Plan has been prepared in compliance with Section 322 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act (Stafford Act or the Act), 42 U.S. C. 5165, enacted under Sec. 104 the Disaster Mitigation Act of 2000, (DMA 2000) Public Law 106-390 of October 30, 2000, as implemented at CFR 201.6 and 201.7 dated October, 2007. The Plan identifies hazard mitigation measures intended to eliminate or reduce the effects of future disasters throughout the County, and was developed in a joint and cooperative venture by members of the Maricopa County MJPT.

The overall purpose of DMA 2000 was to establish a national program for pre-disaster mitigation, streamline administration of disaster relief at both the federal and state levels, and control federal costs of disaster assistance. Congress envisioned that implementation of these new requirements would result in the following key benefits:

- Reduction of loss of life and property, human suffering, economic disruption, and disaster costs.
- Prioritization of hazard mitigation planning at the local level, with an increased emphasis placed on planning and public involvement, assessing risks, implementing loss reduction measures, and ensuring that critical services/facilities survive a disaster.
- Establishment of economic incentives, awareness and education via federal support to state, tribal, and local governments that will result in forming community-based partnerships, implementing effective hazard mitigation measures, leveraging additional non-Federal resources, and establishing commitments to long-term hazard mitigation efforts.

In general, the DMA 2000 legislation requires all local, county, and tribal governments to develop a hazard mitigation plan for their respective communities in order to be eligible to receive certain federal non-emergency mitigation funds including Hazard Mitigation Grant Program (HMGP) and Pre-Disaster Mitigation



CITY OF PEORIA JURISDICTIONAL SUMMARY

Program (PDM). FEMA's Flood Mitigation Assistance Program (FMA) planning requirements are also satisfied by this Plan as long as flooding is addressed.

In satisfying the regulatory requirements of DMA 2000, the primary purpose of this plan is to identify natural hazards that impact Peoria, assess the vulnerability and risk posed by those hazards to community-wide human and structural assets, develop strategies for mitigation of those identified hazards, present future maintenance procedures for the plan, and document the planning process. The Plan is divided into eight primary sections as follows:

- Section 1 – Local Plan Adoption and FEMA Approval
- Section 2 – Introduction
- Section 3 – Planning Process
- Section 4 – Community Description
- Section 5 – Risk Assessment
- Section 6 – Mitigation Strategy
- Section 7 – Plan Maintenance Procedures
- Section 8 – Plan Tools

The planning process used to review and update the 2004 Plan included the organization and use of two planning team levels. The first was a Multi-Jurisdictional Planning Team (MJPT) that was comprised of one or more representatives from each participating jurisdiction. The second was the Local Planning Team (LPT) that was comprised of various staff and officials from the specific jurisdiction.

The role of the MJPT was to work with the planning consultant to perform the coordination, research, and planning element activities required to update the 2004 Plan. Attendance by each participating jurisdiction was required for every MJPT meeting as the meetings were structured to progress through the plan update process in a methodical, stepwise manner. Steps and procedures for updating the 2004 Plans were presented and discussed at each MJPT meeting, and homework assignments were normally given. Each meeting built on information discussed and homework assigned at the previous meeting. The MJPT representatives also had the responsibility of liaison to the LPT, and were tasked with:

- Conveying information and homework received at the MJPT meetings to the LPT
- Ensuring that all requested homework was completed fully and returned on a timely basis.
- Arranging for review and official adoption of the Plan.

The function and role of the LPT was to:

- Provide support and data
- Assist the MJPT representative in completing each homework assignment
- Make planning decisions regarding plan update components
- Review the Plan draft documents

The MJPT met seven times from January to July 2009, with LPT meetings convened in between as needed to complete the homework and review/update tasks assigned.

The following are the contact details for the Plan primary point of contact for the City of Peoria:

Glenn Jones
Emergency Management Coordinator
Fire Department - Emergency Management
8351 West Cinnabar Avenue
Peoria AZ 85345
Work: 623.773.5207
Fax: 623.773.7294
Email: glenn.jones@peoriaaz.gov



CITY OF PEORIA JURISDICTIONAL SUMMARY

For information purposes, the following summarizes contact details for the Plan primary point of contact for Maricopa County:

Cristina Herrera
 Emergency Services Planner
 Maricopa County Department of Emergency Management
 2035 North 52nd Street
 Peoria, AZ 85005
 Work: 602.273.1411
 Fax: 602.275.1638
 Email: cristinaherrera@mail.maricopa.gov

The following table summarizes the LPT for Peoria and roles of each person. The promulgation authorities are listed at the end of the table.

Name	Department / Division / Branch	Title	Planning Team Role / Description of Duties
Larry Rooney	Fire Department	Deputy Fire Chief	advisor
John Imig	IT	Chief Technology Officer	advisor
Sherine Zaya	Public Information Office	Public Information Officer	advisor
Walt Begley	Public Works Department	Facilities Manager	advisor
Tim Smothers	IT	GIS Supervisor	advisor
Bill Mattingley	Public Works Department	Public Works Director	advisor
Brian Biesemeyer	Utilities Department	Utilities Director	advisor
Cathy Weistling	Utilities Department	Management Analyst	advisor
Glenn Jones	Fire Department	Emergency Preparedness Coord	Primary point of contact
David Barnett	IT	Sr. IT Technician	advisor
Hope Bratton	Fire Department	Administrative Assistant	advisor
PROMULGATION AUTHORITY			
Bob Barrett	City Council	Mayor	Plan Promulgation
Ron Aames	City Council	Council Member	Plan Promulgation
Cathy Carlat	City Council	Council Member	Plan Promulgation
Joan Evans	City Council	Council Member	Plan Promulgation
Vicki Hunt	City Council	Council Member	Plan Promulgation
Carlo Leone	City Council	Council Member	Plan Promulgation
Dave Pearson	City Council	Council Member	Plan Promulgation



CITY OF PEORIA JURISDICTIONAL SUMMARY

One of the key elements to the hazard mitigation planning process is the risk assessment. In performing a risk assessment, a community determines “what” can occur, “when” (how often) it is likely to occur, and “how bad” the effects could be. According to DMA 2000, the primary components of a risk assessment that answer the above questions are generally categorized into the following measures:

- Identify Hazards**
- Profile Hazard Events**
- Assess Vulnerability to Hazards**

The risk assessment for Peoria utilized information developed by the LPT and County-wide hazard profile data. The vulnerability analysis results reported in the Plan reflect vulnerability at the community level as well as on a County-wide basis.

Following the lead of the State of Arizona, only natural hazards were considered for this update. The list of hazards in the 2004 Plan and the State Plan 2007¹ were reviewed and compared in an initial screening that used a systematic process that considered relevance, historical significance and experience, and catastrophic potential. The result was a list of hazards that are most relevant to Maricopa County. The Peoria LPT then further reduced the list to reflect only those hazards most important to Peoria. The following table summarizes the County-wide list of hazards. The hazards selected for mitigation by the City are shown in bold type.

Natural Hazard List for the Plan and Peoria	
<ul style="list-style-type: none"> • Dam Inundation • Drought • Extreme Heat • Fissure • Flooding/Flash Flooding 	<ul style="list-style-type: none"> • Levee Failure • Severe Wind • Subsidence • Wildfire

Profiles were developed for each of the hazards by researching and mapping historic hazard events, obtaining other hazard mapping, analysis and studies, and in Arizona, estimating the Calculated Priority Risk Index (CPRI)². Hazard profile maps for Dam Inundation (Emergency Spillway and Dam Failure), Fissure, Flooding/Flash Flooding, Levee Failure, Subsidence, and Wildfire were developed. Maps specific to Peoria are provided following the text of this summary.

A vulnerability analysis was performed to assess and evaluate the City’s population and critical facility exposure risk to the identified hazards. The risk was tabulated in terms of exposure loss estimates and human population exposure. Critical facilities were individually identified by the MJPT and LPT and supplemental residential, commercial, and industrial facility information was obtained from FEMA’s HAZUS program. It is estimated that there are at least \$285 million dollars³ worth of critical and non-critical facilities within Peoria. Residential, industrial, and commercial facilities within Peoria are estimated to total over \$5.2 billion. The 2008 City population estimate is 155,557. The following table summarizes the general results of the vulnerability analysis for each of the top hazards in the City.

¹ State of Arizona, Division of Emergency Management, 2007, *State of Arizona Multi-Hazard Mitigation Plan*.

² The CPRI is explained in detail in the State of Arizona’s *Model Local Hazard Mitigation Plan*. A digital copy of the plan can be obtained at the following URL or the reader can go to Section 4.2.3 of this plan:
http://www.dem.state.az.us/operations/mitigation/MLHMP_Final_No%20Cover.pdf

³ This estimate is likely to be coarse as there were many assets that the community was unable to obtain detailed replacement estimates for given the plan development schedule.



CITY OF PEORIA JURISDICTIONAL SUMMARY

Hazard	Loss Estimate ^a	Potential Human Exposure ^b
Dam Inundation – Emergency Spillway	\$349.5 million	11,470
Dam Inundation – Dam Failure (High Hazard)	\$0	0
Drought	(No losses estimated)	155,557
Flooding (High Hazard)	\$7.3 million	297
Levee Failure	\$42.4 million	2,898
Wildfire (High Hazard)	\$0	0
^a – These numbers represent estimates of the losses that may result assuming all delineated hazard areas are impacted at the same time. Actual event losses may not impact the entire area during a single event. ^b – These numbers represent the total human population potentially exposed to the hazard.		

The MJPT and Peoria LPT developed a strategy for mitigating the hazard risks identified within the City. The mitigation strategy provides the “*what, when, and how*” of actions that will reduce or possibly remove the City’s exposure to hazard risks, and is generally categorized into the following components:

- Goals and Objectives**
- Capability Assessment**
- Mitigation Actions/Projects**
- Implementation Strategy**

The MJPT reviewed and discussed the 2004 Plan goals and objectives and compared them to the 2007 State Plan. The result of the discussions resulted in establishing one goal and four clear objectives as follows:

- **GOAL:** Reduce or eliminate the risk to people and property from natural hazards.
 - ◆ **Objective 1:** Reduce or eliminate risks that threaten life and property in the incorporated, unincorporated, and Tribal jurisdictions within Maricopa County.
 - ◆ **Objective 2:** Reduce risk to critical facilities and infrastructure from natural hazards.
 - ◆ **Objective 3:** Promote hazard mitigation throughout the incorporated, unincorporated, and Tribal jurisdictions within Maricopa County.
 - ◆ **Objective 4:** Increase public awareness of hazards and risks that threaten the incorporated, unincorporated, and Tribal jurisdictions within Maricopa County.

This goal and four objectives will be used by all participating jurisdictions in the Plan.

The Peoria LPT reviewed and updated the community’s capability assessment regarding legal, regulatory, technical/staff, and financial resources. The following tables summarize the results:



CITY OF PEORIA JURISDICTIONAL SUMMARY

Summary of legal and regulatory capabilities for Peoria		
Regulatory Tools for Hazard Mitigation	Description	Responsible Department/Agency
CODES	<ul style="list-style-type: none"> • 2006 International Building Code • 2006 International Residential Code • 2006 International Fire Code • 2006 International Mechanical Code • 2006 International Property Maintenance Code • 2005 National Electrical Code • 2006 International Plumbing Code • 2006 International Fuel Gas Code 	<ul style="list-style-type: none"> • Planning & Community Development • Engineering • Fire • Emergency Management
ORDINANCES	<ul style="list-style-type: none"> • Zoning Ordinance 	<ul style="list-style-type: none"> • Planning & Community Development • Emergency Management
PLANS, MANUALS, and/or GUIDELINES		<ul style="list-style-type: none"> •
STUDIES		<ul style="list-style-type: none"> •

Summary of technical staff and personnel capabilities for Peoria		
Staff/Personnel Resources	<input checked="" type="checkbox"/>	Department/Agency - Position
Planner(s) or engineer(s) with knowledge of land development and land management practices	<input checked="" type="checkbox"/>	Planning, Planners
Engineer(s) or professional(s) trained in construction practices related to buildings and/or infrastructure	<input checked="" type="checkbox"/>	Engineering, Engineers – Architecture, Architects
Planner(s) or engineer(s) with and understanding of natural and/or human-caused hazards	<input checked="" type="checkbox"/>	Planning, Engineering, Water Services Dept, Development Services Dept
Floodplain Manager	<input checked="" type="checkbox"/>	Street, Transportation Dept
Surveyors		Water Services Dept & Engineering Contract Services
Staff with education or expertise to assess the community’s vulnerability to hazards	<input checked="" type="checkbox"/>	Neighborhood Services Dept, Human Services, Emergency Management, Development Services, Fire Dept, Police Dept, Public Works, Streets, Engineering, Architecture, Water Services Dept
Personnel skilled in GIS and/or HAZUS	<input checked="" type="checkbox"/>	ITD, Fire Dept, Police Dept
Scientists familiar with the hazards of the community		Police Dept, Water Services Dept, Fire Dept
Emergency manager	<input checked="" type="checkbox"/>	City Manager’s Office, Emergency Manager
Grant writer(s)	<input checked="" type="checkbox"/>	Every Dept is responsible
Others		



CITY OF PEORIA JURISDICTIONAL SUMMARY

Summary of fiscal capabilities for Peoria		
Financial Resources	Accessible or Eligible to Use (Yes, No, Don't Know)	Comments
Community Development Block Grants	Yes	
Capital Improvements Project funding	Yes	
Authority to levy taxes for specific purposes	Yes	
Fees for water, sewer, gas, or electric service	Yes	
Impact fees for homebuyers or new developments/homes	Yes	
Incur debt through general obligation bonds	Yes	
Incur debt through special tax bonds	Yes	
Other		

Using the vulnerability analysis, capability assessment, and goals and objectives, the Peoria LPT then developed an updated list of mitigation actions/projects with an implementation strategy clearly defined. Each action/project was evaluated and prioritized based on: 1) Direct Impact on Life and/or Property; 2) Long-Term Solution; and 3) Benefit vs. Cost. The table on the following page summarizes the updated mitigation action/project list for Peoria. Projects listed in *italics font* are recognized as being more response and recovery oriented, but are considered to be a significant part of the overall hazard management goals of the community.



CITY OF PEORIA JURISDICTIONAL SUMMARY

Table 6-7-19: Summary of mitigation actions and projects and implementation strategy for Peoria

Mitigation Action/Project					Implementation Strategy				
ID No.	Description	Hazard(s) Mitigated	Community Assets Mitigated (Ex/New)	Estimated Cost	Priority Ranking	Planning Mechanism(s) for Implementation	Anticipated Completion Date	Primary Agency / Job Title Responsible for Implementation	Funding Source(s)
1	Review building permits for compliance with Floodplain Ordinance and NFIP regulations.	Flood	Both	Staff time	High	Staff Training Floodplain Regulations	Annual-Ongoing	Planning and zoning Administrator	General Fund Permit Fees
2	Work with the Maricopa County Flood Control District to determine potential effects of a flash flood or flood affecting the city. Also provide sandbags and sand as required.	Dam Failure	Both	Staff time	High	Staff training	Ongoing	Emergency Manager	General funds
3	Assist with the revision of a water conservation plan for mitigating the impact of a drought on the public water supply.	Drought	Both	Staff time	High	Staff training	Ongoing	Emergency Manager	General funds
4	Work with the Maricopa County Flood Control District to determine potential effects of a flash flood or flood affecting the city. Also provide sandbags and sand as required.	Flooding	Both	Staff time	High	Staff training	Ongoing	EM, GIS, Public Works, Fire & Police Department	General funds
5	Work with the Maricopa County Flood Control District to determine potential effects of a levee failure.	Levee Failure	Both	Staff time	High	Staff training	Ongoing	EM, GIS, Public Works, Fire & Police Department	General funds
6	Encourage a fire buffer along wild land-urban interface areas.	Wildfire	New	Staff time	High	Staff training	Annual	EM, GIS, Public Works, Fire & Police Department	General funds
7	Include all identified hazardous conditions in GIS mapping to include floodways, high wind areas, subsidence areas, hazardous materials, etc.	All	Both	Staff time	High	Staff training	Ongoing	GIS	General funds
8	<i>Train key city staff on appropriate actions based on the Emergency Operations Plan.</i>	<i>All</i>	<i>New</i>	<i>Staff time</i>	<i>High</i>	<i>Staff training</i>	<i>Ongoing</i>	<i>Emergency Management</i>	<i>General funds</i>



CITY OF PEORIA JURISDICTIONAL SUMMARY

Table 6-7-19: Summary of mitigation actions and projects and implementation strategy for Peoria

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ID No.	Description	Hazard(s) Mitigated	Community Assets Mitigated (Ex/New)	Estimated Cost	Priority Ranking	Planning Mechanism(s) for Implementation	Anticipated Completion Date	Primary Agency / Job Title Responsible for Implementation	Funding Source(s)
9	<i>Participate in regional training opportunities as well as Emergency Operations Command exercises within City to prepare for emergencies.</i>	All	Both	Staff time	High	Staff training	Ongoing	Emergency Management	General funds
10	<i>All Fire Department personnel should be trained at Operations level, currently command staff are trained at Operations – rest of personnel are trained at awareness level. Plan to provide additional levels of training by 2005</i>	All	Existing	Staff time	High	Staff training	On going	Fire Chief	General funds
11	<i>Police Department personnel should be trained at Operations level, currently command staff are trained at Operations – rest of personnel are trained at awareness level. Plan to provide additional levels of training by 2005</i>	All	Existing	Staff time	High	Staff training	On going	Police Chief	General funds
12	Control development in flood areas	Flood	Existing	Staff time	High	Staff training	On going	Planning and zoning	General funds
13	Encourage flood-proof measures through building design	Flood	Existing	Staff time	High	Staff training	On going	Community Development	General funds
14	Maintain Public Service Announcements (PSAs) broadcast on Channel 11. Fliers produced and distributed to residents.	All	Existing	Staff time	High	Staff training	On going	Communications and Public Affairs	General funds
15	Research identified data limitations effecting the relative vulnerability of assets from drought	Drought	Existing	Staff time	High	Staff training	On going	Emergency Management	General funds

CITY OF PEORIA JURISDICTIONAL SUMMARY

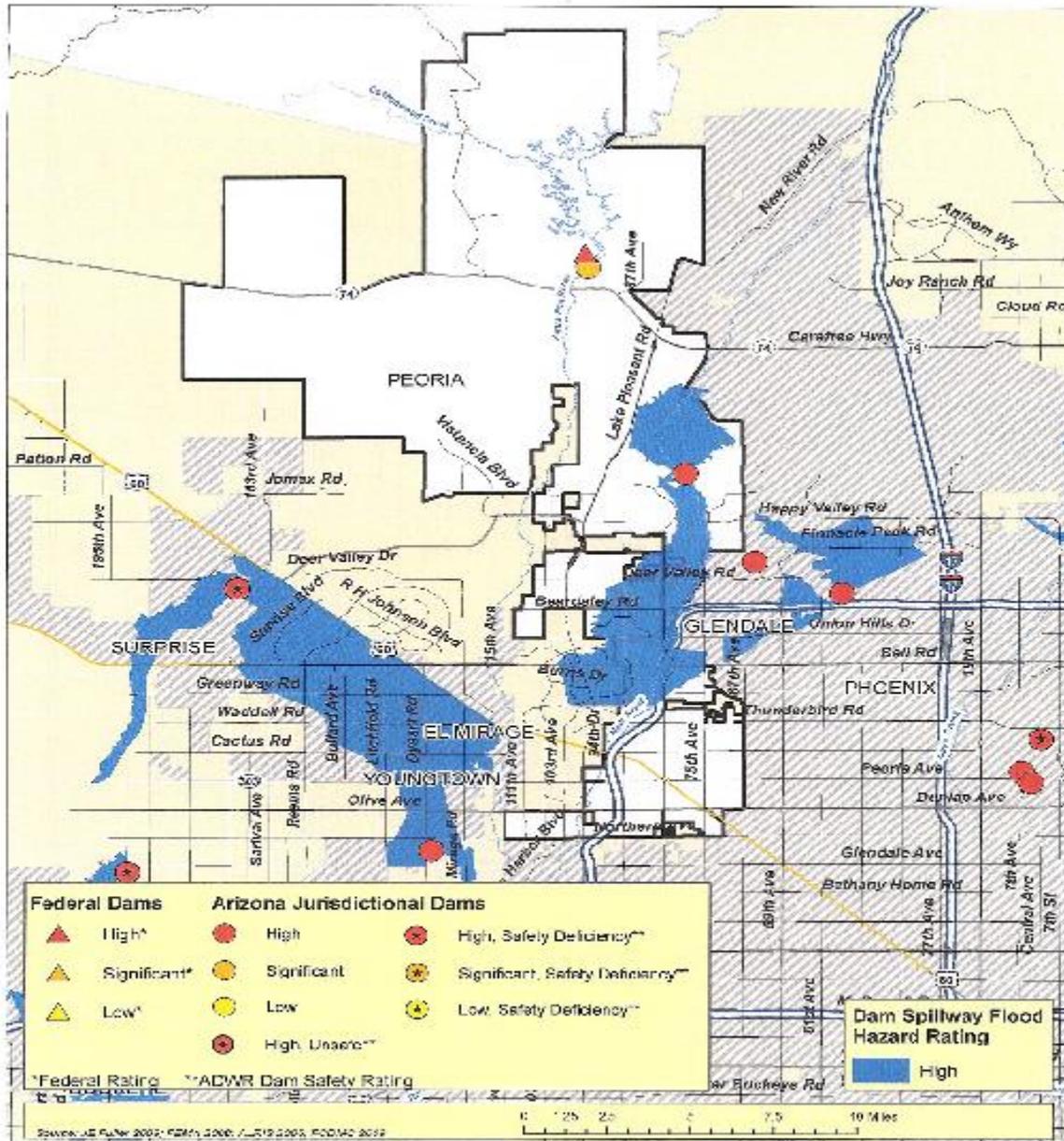
As a final step in the planning process, plan maintenance procedures were developed by the MJPT to establish guidelines for maintaining, reviewing and updating the Plan over the next five (5) years. The Plan will be reviewed on at least an annual basis or following a major disaster. MCDEM will take the lead to reconvene the MJPT on or around the anniversary of the Plan (November). The review will consider the following:

- **Hazard Identification:** *Have the risks and hazards changed?*
- **Goals and objectives:** *Are the goals and objectives still able to address current and expected conditions?*
- **Mitigation Projects and Actions:** *Has the project been completed? If not complete but started, what percent of the project has been completed? How much money has been expended on incomplete projects? Did the project require additional funds over the expected amount or were the costs less than expected?*

Documentation of the annual meeting will include notes on the results of the meeting as well as more specific information on the reasoning behind proposed changes to the Plan. The MJPT also determined that a formal presentation of the review material will be presented to a jurisdiction's council or board only if a major update to the Plan is proposed prior to the next five year update, or if changes to the mitigation A/Ps are desired to be acknowledged by the State and FEMA.



CITY OF PEORIA JURISDICTIONAL SUMMARY



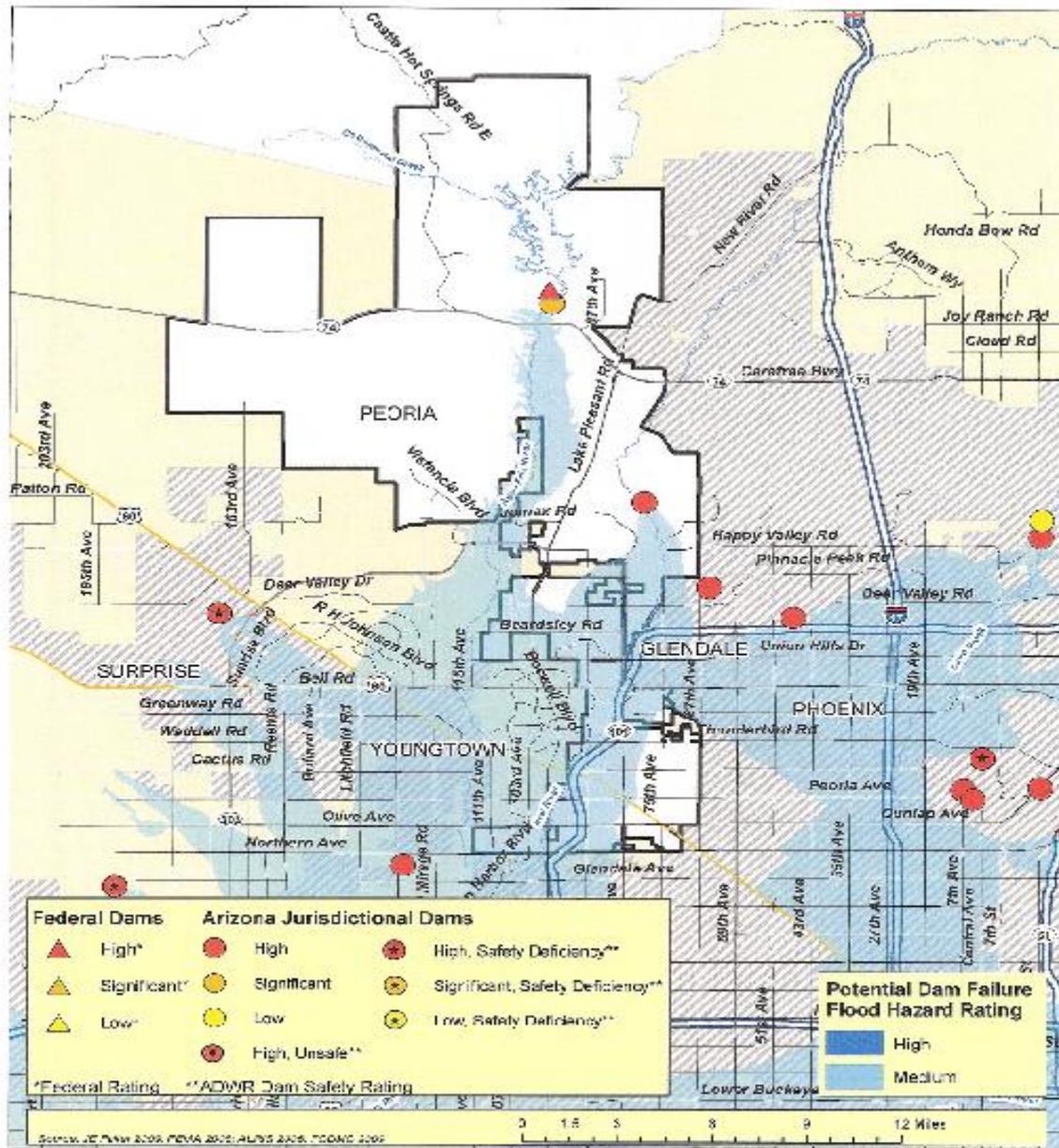
Legend

- Aerial Road
- Major Streams
- Canals/Washes
- ▭ Peoria
- ▨ Maricopa County
- ▨ Other Communities

Maricopa County Multi-Jurisdictional
 Hazard Mitigation Plan

Map #1D17
 City of Peoria
 Dam Spillway
 Flood Hazard Map
 as of May 2009

CITY OF PEORIA JURISDICTIONAL SUMMARY



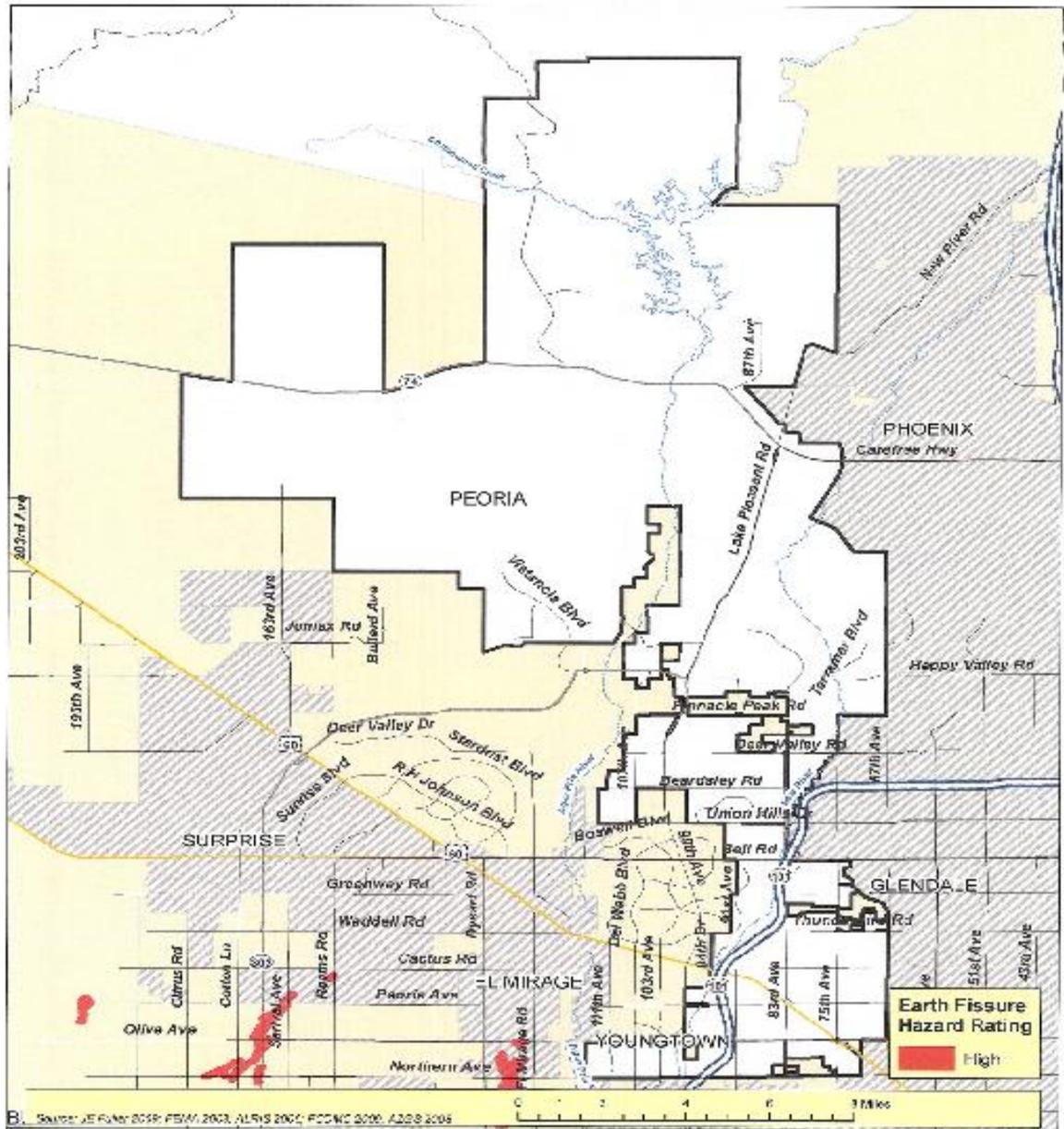
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- Antenna Road
- Major Streams
- Canals/Washes
- Peoria
- Maricopa County
- Other Communities

Maricopa County Multi-Jurisdictional Hazard Mitigation Plan

Map #2D17
 City of Peoria
 Potential Dam Failure
 Flood Hazard Map
 as of May 2009

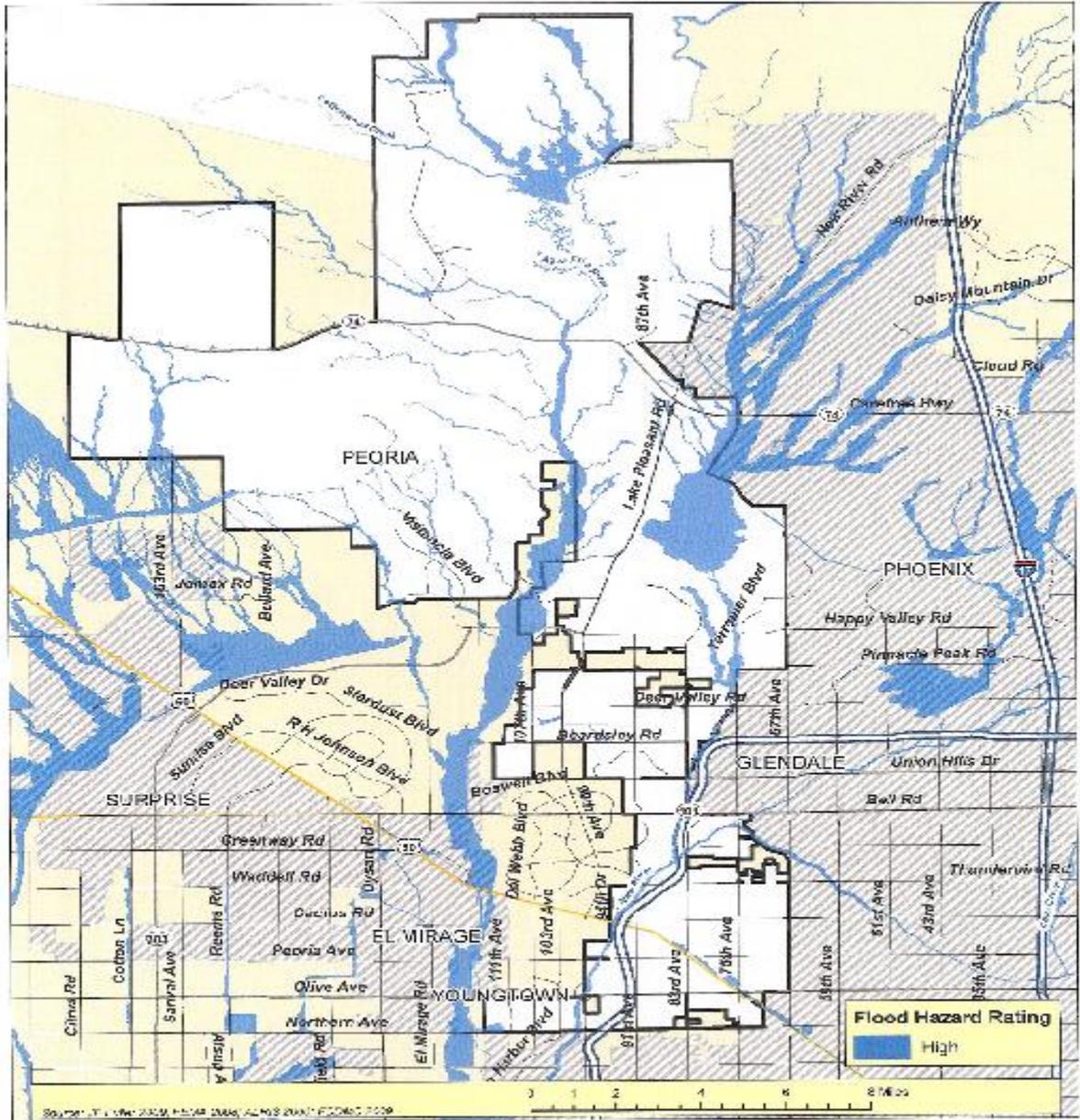
CITY OF PEORIA JURISDICTIONAL SUMMARY



BL Source: JE Fuller 2008; FSW 2003; ALS 2004; FCCWC 2006; AZGS 2005

<p>Legend</p> <ul style="list-style-type: none"> — Aerial Road — Major Streams — Canals/Washes ▭ Peoria ▭ Maricopa County ▨ Other Communities 	<p>Maricopa County Multi-Jurisdictional Hazard Mitigation Plan</p> <p>Map #3D17 City of Peoria Earth Fissure Hazard Map as of May 2009</p>  
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CITY OF PEORIA JURISDICTIONAL SUMMARY



Legend

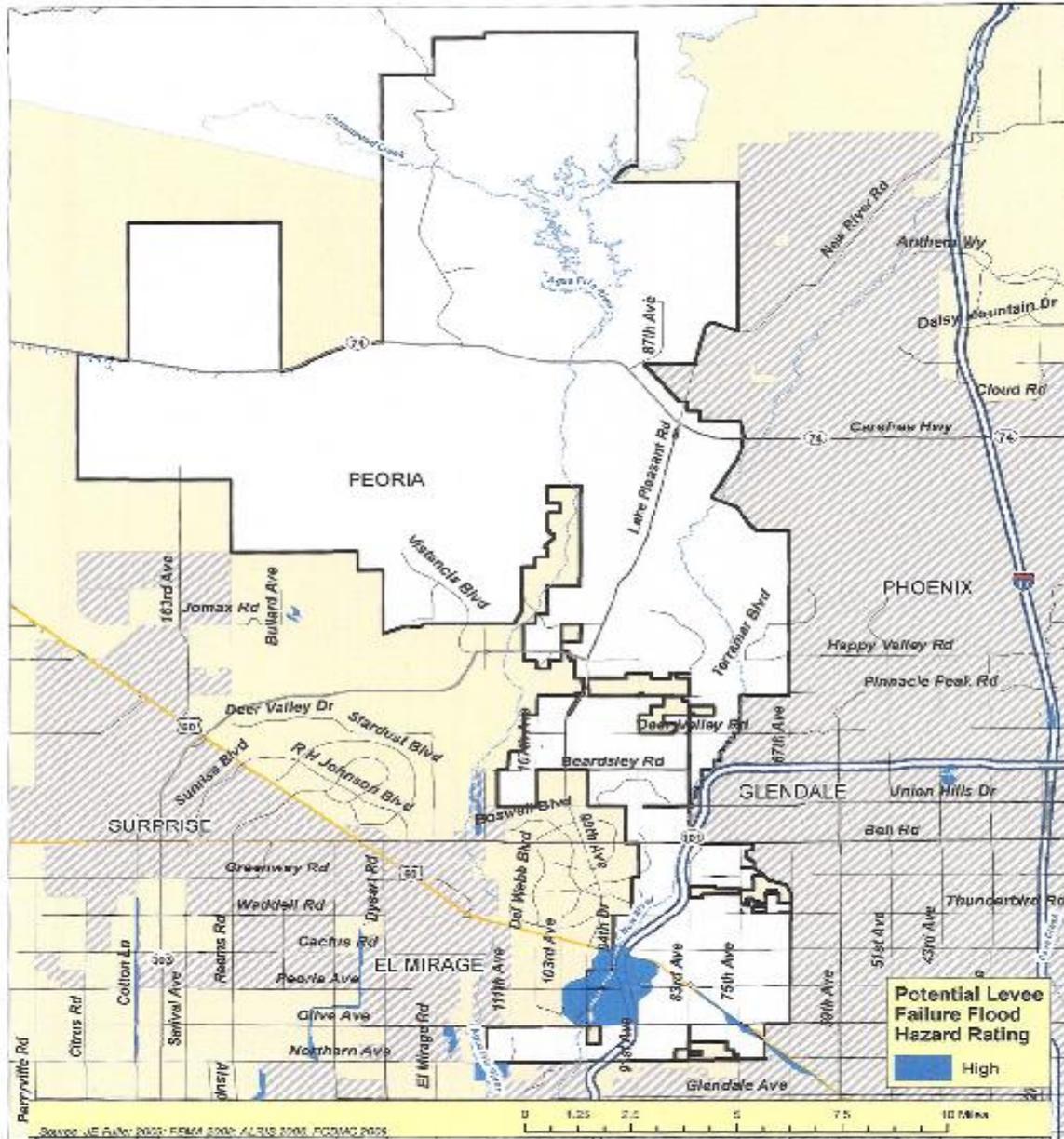
- Aerial Road
- Major Streams
- Canals/Washes
- ▭ Peoria
- ▭ Maricopa County
- ▨ Other Communities

Maricopa County Multi-Jurisdictional
 Hazard Mitigation Plan

Map #4D17
City of Peoria
Flood Hazard
Map
 as of May 2009




CITY OF PEORIA JURISDICTIONAL SUMMARY



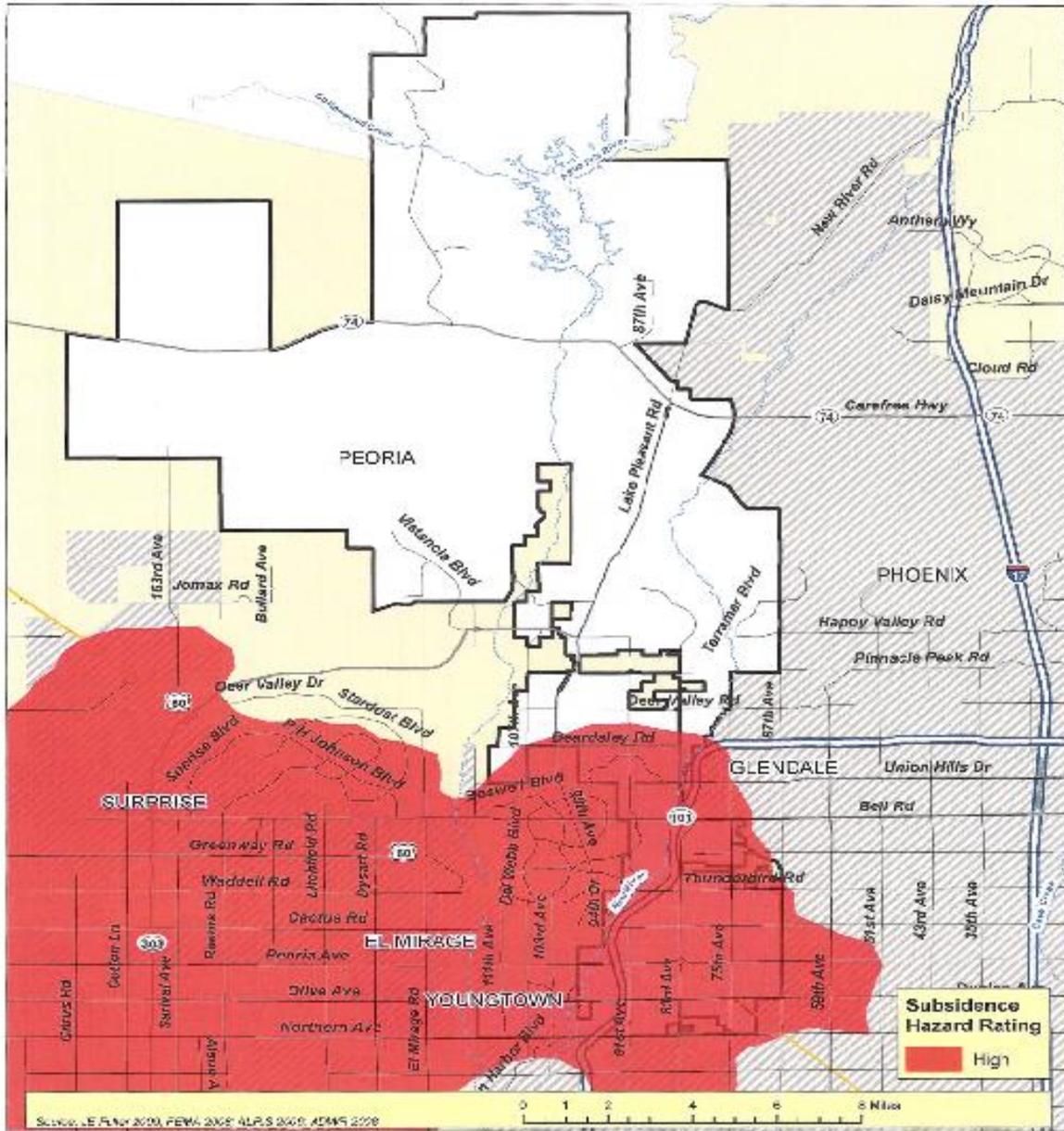
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- Arterial Road
- Major Streams
- Canals/Washes
- ▭ Peoria
- ▭ Maricopa County
- ▨ Other Communities

Maricopa County Multi-Jurisdictional Hazard Mitigation Plan

Map #5D17
 City of Peoria
 Potential Levee Failure Flood Hazard Map
 as of May 2009

CITY OF PEORIA JURISDICTIONAL SUMMARY



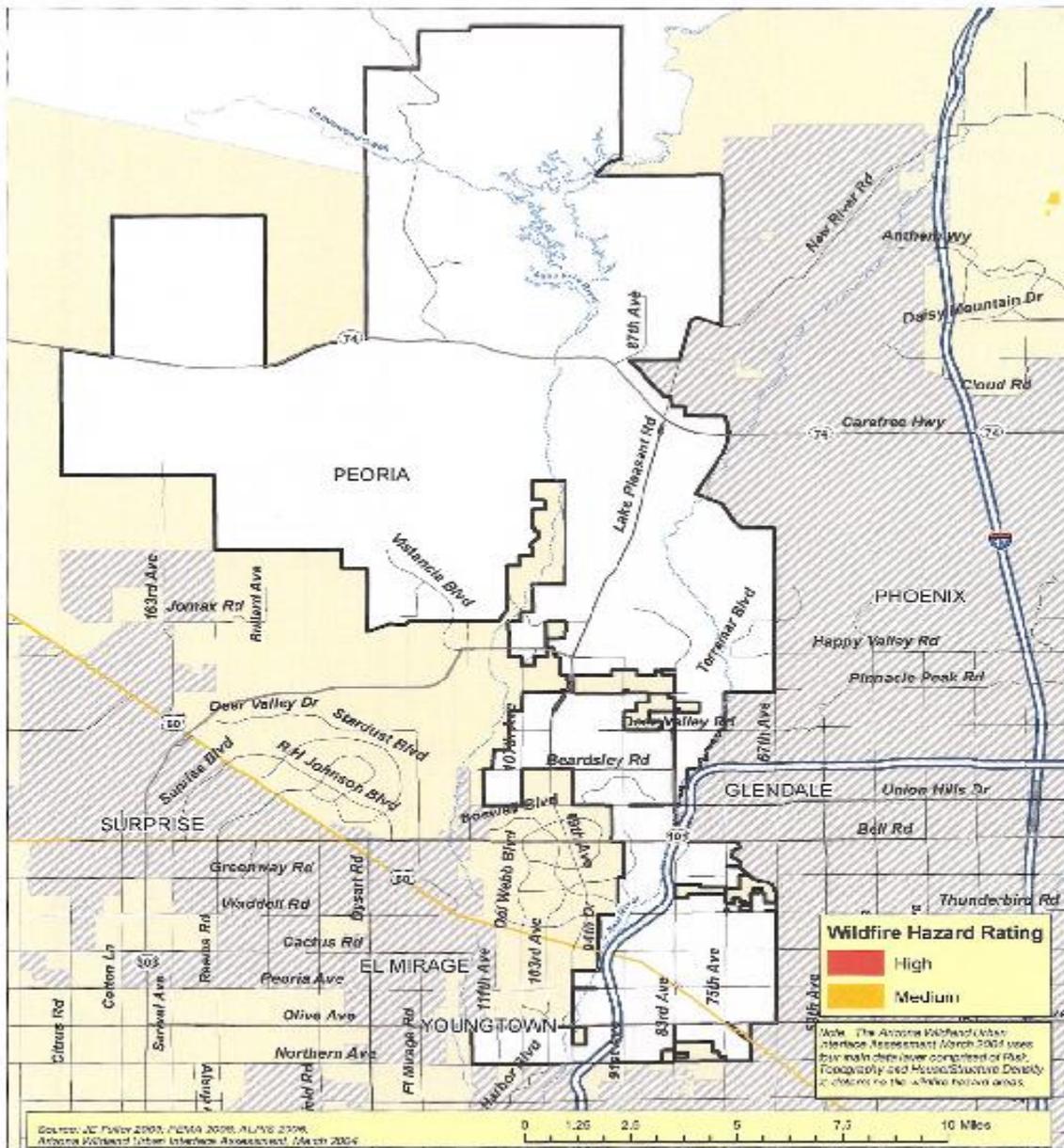
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- Arterial Road
- Major Streams
- Canalic Washes
- Peoria
- Maricopa County
- ▨ Other Communities

Maricopa County Multi-Jurisdictional Hazard Mitigation Plan

Map #6D17
 City of Peoria
 Subsidence Hazard Map
 as of May 2009

CITY OF PEORIA JURISDICTIONAL SUMMARY



Legend

- Arterial Road
- Major Streams
- Canals/Washes
- ▭ Peoria
- ▭ Maricopa County
- ▨ Other Communities

Maricopa County Multi-Jurisdictional
 Hazard Mitigation Plan

Map #7D17
City of Peoria
Wildfire Hazard Map
 as of May 2009

RESOLUTION NO. 2010-68

RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF PEORIA, MARICOPA COUNTY, ARIZONA, AUTHORIZING ADOPTION OF THE MARICOPA COUNTY MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN 2009 WHICH PEORIA PARTICIPATED IN AND IS INCLUDED AND WHICH WAS PREPARED IN COMPLIANCE WITH SECTION 322 OF THE ROBERT T. STAFFORD DISASTER RELIEF AND EMERGENCY ASSISTANCE ACT OF 1988

WHEREAS, the City of Peoria on July 6, 2004, adopted the City of Peoria Hazard Mitigation Plan as a joint and cooperative effort with the Maricopa Department of Emergency Management; and

WHEREAS, the Disaster Mitigation Act of 2000 requires that existing plans be updated every five years, with each plan cycle requiring a complete review, revision, and re-approval of the plan; and

WHEREAS, the Maricopa County Multi-Jurisdictional Hazard Mitigation Plan includes 28 jurisdictions contained within Maricopa County (which Peoria is included) participated in this planning effort, recognize the consequences of disasters and the need to reduce the impact of natural and human caused hazards; and

WHEREAS, the County and 28 jurisdictions recognize that with careful selection, mitigation actions in the form of projects and programs can become long-term, cost effective means for reducing the impact of hazards; and

WHEREAS, the Plan identifies hazard mitigation measures intended to eliminate or reduce the effects of future disasters throughout the County and was developed in a joint and cooperative venture by members of the Maricopa County multi-jurisdictional planning team.

NOW, THEREFORE, BE IT RESOLVED that the Mayor and City Council of the City of Peoria, Maricopa County, Arizona hereby approves and adopts the Maricopa County Multi-Jurisdictional Hazard Mitigation Plan 2009.

PASSED, APPROVED AND ADOPTED by the Mayor and City Council of the City of Peoria, Arizona this 17th day of August, 2010.

CITY OF PEORIA, an Arizona municipal corporation

Bob Barrett, Mayor

ATTEST:

Mary Jo Waddell, City Clerk

APPROVED AS TO FORM:

Stephen M. Kemp, City Attorney