

City of Fullerton Local Hazard Mitigation Plan







EXECUTIVE SUMMARY

The purpose of hazard mitigation is to reduce or eliminate long-term risk to people and property from hazards. The City of Fullerton developed this Local Hazard Mitigation Plan (LHMP) update to make the City and its residents less vulnerable to future hazard events. This plan was prepared pursuant to the requirements of the Disaster Mitigation Act of 2000 so that Fullerton would be eligible for the Federal Emergency Management Agency's (FEMA) Pre-Disaster Mitigation and Hazard Mitigation Grant programs.

The City followed a planning process prescribed by FEMA, which began with the formation of a hazard mitigation planning committee (HMPC) comprised of key City representatives, and other regional stakeholders. The HMPC conducted a risk assessment that identified and profiled hazards that pose a risk to the City of Fullerton, assessed the City's vulnerability to these hazards, and examined the capabilities in place to mitigate them. The City is vulnerable to several hazards that are identified, profiled, and analyzed in this plan. Floods, wildfires, severe weather, and earthquake hazards are among the hazards that can have a significant impact on the City.

Based on the risk assessment, the HMPC identified goals and objectives for reducing the City's vulnerability to hazards. It was decided a singular goal would be used. The goal of this multihazard mitigation plan is:

Protection of People, Natural and Built Environments and Economy from Natural Hazards

To meet this identified goal, the plan recommends 28 mitigation actions, which are summarized in the table that follows. This plan has been formally adopted by the City and will be updated every five years at a minimum.

City of Fullerton Local Hazard Mitigation Plan August 2010

Mitigation Actions

Mitigation Action Title	Priority	Cost Estimate	Schedule	Responsible Party	Addresses Current Development	Addresses Future Development	Continued Compliance with NFIP
Multi-Hazard							
Integrate Local Hazard Mitigation Plan into Safety Element of General Plan	High	Staff time	As soon as possible	City of Fullerton Planning Division	Х	Х	Х
Tree Master Plan Update	Medium	Unknown	summer/fall 2010	Maintenance Services, Landscape Division	Х	Х	
Community Forest Master Plan Update	High	Unknown	summer/fall 2010	Maintenance Service, Landscape Division	Х	Х	
Develop and Conduct a Multi- Hazard Seasonal Public Awareness Program	High	\$5,000- \$20,000	Part of seasonal multi-hazard public awareness campaign	City of Fullerton Community Development Department, Fullerton Public Information Office, Fullerton Chamber of Commerce, and the American Red Cross.	Х	Х	Х
Hazardous Materials GIS improvements	Medium to High	Staff time	Unknown at this time	Fire Department and GIS staff	Х	Х	Х
Acacia Grade Separation	High	Unknown	Upon funding availability	Engineering Department/Design Division	Х	Х	
State College Grade Separation	High	\$62,083,000	June 2012	Engineering Department/Design Division	Х	Х	
Raymond Grade Separation	High	\$64,539,000	June 2012	Engineering Department/Design Division	Х	Х	
Data Gathering and GIS Tracking of Police and Fire Calls for Service in Response to Natural Hazard Events	Low	Staff time	Unknown at this time	Community Development Department to coordinate with Police and Fire representatives	Х	Х	

Mitigation Action Title	Priority	Cost Estimate	Schedule	Responsible Party	Addresses Current Development	Addresses Future Development	Continued Compliance with NFIP
GIS Integration	Medium	Staff time	Unknown at this time	Community Development Department with City Manager's Office	X	Х	
GIS tracking of Historic, Cultural, and Natural Resources	Low	Staff time	As soon as possible	GIS staff	Х	Х	
Multi-hazard: flood, liquefaction							
Structure Buy Out Program and Conversion (Southwest Fullerton) to Open Space	Low	Less than \$50,000	Phase 1: Develop understanding of Community Land Trusts (CLT) and the steps required to establish and operate a 501(c)3. Phase 2: Identity potential organizers and partners for establishing the CLT. Phase 3: Prepare a feasibility analysis for establishing and operating the CLT. Phase 4: Prepare the case statement for the CLT and its mission. Phase 5: Establish the 501(c)3 and begin pursuit of mission	Planning Division, in coordination with other divisions and departments	X	X	X
Dam Failure							
Brea Dam Safety and Maintenance Plan	Medium	Staff time	As soon as possible	Parks and Recreation	Х	Х	Х
Drought							
Convert Lions Field/Richmond Park to Artificial Turf	Medium	\$1,100,000 – \$2,475,000	Lions Field – Sept. 2010, Richman Park – August 2010	Parks and Recreation Department	Х		
Water Main Replacement	High	\$1,600,000	June 2010 for Lois Lane area and November 2010 for Coronado area	Engineering Department/Water Division	Х	Х	
Water Allocation Study	High	\$2,000,000	Unknown due to lack of funding	Water Engineering	Х	Х	
Water Meter Replacement	High	\$6,000,000	Unknown due to lack of funding	Water Engineering	Х		

Mitigation Action Title	Priority	Cost Estimate	Schedule	Responsible Party	Addresses Current Development	Addresses Future Development	Continued Compliance with NFIP
Park and Recreation Master Plan	Medium	\$25,000 to \$250,000	FY 2011-12	Parks and Recreation Department	Х	X	
Drought and Earthquake							
Reservoir Rehabilitation	High	\$2,200,000	February 2010 for Las Palmas and July 2010 for Tank Farm #5	Engineering Department/Water Division	Х	Х	
Earthquake							
Seismic Compliance/Retro Fit for Existing Structures – Public and Critical Facilities	Medium	Unknown	Phase 1: Develop an inventory of qualifying structures. Phase 2: Develop a cost estimate to complete upgrades/retro fits. Phase 3: Examine the feasibility of a regulatory- and voluntary-based system for private facilities while exploring funding mechanisms for both public and private locations.	Building Division	X		
Seismic Compliance/Retro Fit for Existing Structures – Private	Medium	Unknown	Phase 1: Develop an inventory of qualifying structures. Phase 2: Develop a cost estimate to complete upgrades/retro fits. Phase 3: Examine the feasibility of a regulatory- and voluntary-based system, exploring funding mechanisms.	Building Division	Х		
Earthquake /Erosion/Flood							
Harbor Slope Stabilization	High	\$3,130,000	Upon funding availability	Engineering Department/Design Division	Х		Х
Erosion/Flood							
Bastanchury Storm Drain Improvements	High	\$400,000	June 2010	Engineering Department/Design Division	Х	Х	Х

Mitigation Action Title	Priority	Cost Estimate	Schedule	Responsible Party	Addresses Current Development	Addresses Future Development	Continued Compliance with NFIP
Flood							
Olive Street Storm Drain Improvements	High	\$2,100,000	Upon funding availability	Engineering Department/Design Division	Х	Х	Х
Evaluate status of floodplain management program	High	Staff time	3-5 years	Engineering	Х	Х	Х
Wildfire							
Modifying/Enforcing Fuels Modification Plans and Weed Abatement on Public Lands	High	\$75,000	Dependent on funding	Fullerton Fire Department Fire Prevention Bureau	Х	Х	
Study for Protection of Existing EOC	High	\$25,000	Dependent on funding	Fullerton Fire Department/Engineering	Х	Х	
Purchase Type 3 Engine	High	\$350,000	Dependent on funding	Fullerton Fire Department Fire Prevention Bureau	Х	Х	



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