

IMPLEMENTATION

An implementation plan is a coordinated series of actions the City desires to take in the future that are intended to advance, over the long term, the City’s Shared Vision, Core Values, and the General Plan goals and policies. An implementation plan is thus a follow-up measure for this element. Taken as a whole, these programs represent the City’s best thinking today on what actions should be taken to address the considerations and concerns of the community and make sure that the Plan’s aspirations are achieved.

Implementation is in large part contingent upon adequate funding. Many of these actions can be pursued through initiatives already underway.

Other programs will require additional resources. As such, the exact mix and timing of programs the City may pursue will in part be opportunity driven, dependent on the availability of funding, staffing, and other necessary resources. The Time Frame in the Implementation Table below is the target for completion of the Action.

This element may be implemented by amendments to existing plans, ordinances, development standards, and design guidelines; capital investments/projects; and interagency/interjurisdictional coordination. The following table identifies the implementation action, the responsible City agency, and targeted timeline for accomplishment.

TABLE S-2. SAFETY ELEMENT IMPLEMENTATION

Ref #	Implementation Action	Agency / Time Frame
Goal S-1: Flood Safety Protect life and minimize property damage, social and economic disruptions caused by flood and inundation hazards.		
1.1	Agency coordination. Communicate with FEMA annually regarding updates to Flood Insurance Rate Maps and Letter of Map Revisions.	PBA Ongoing
1.2	Flood resistant buildings. Require that new structures in or near a 100-year floodplain be sited and designed to be flood resistant and not inhibit flood flows. Retrofit existing critical facilities within the floodplain to maintain structural and operational integrity during a flood.	PBA Ongoing
1.3	Best Practices. Periodically review county, state, and federal flood control best practices and incorporate appropriate standards into the Municipal Code.	PBA/PWA Ongoing
1.4	StormReady Program. Participate in the StormReady Program with the National Weather Service, including the monitoring of storm watches and warnings in real-time.	PD Ongoing
1.5	Grants. Work with the Orange County Flood Control District to apply for grants that provide funding for local drainage controls. FEMA’s Hazard Mitigation Grant and Flood Mitigation Assistance Programs and Predisaster Mitigation Program, CalEPA, and the State Water Resources Control Board offer grants to municipalities throughout California.	PWA Ongoing
1.6	On-site stormwater mitigation. Require new development and significant redevelopment projects in the city to implement best management practices for on-site stormwater retention, where feasible, and other low-impact development stormwater infrastructure to reduce runoff and encourage groundwater recharge.	PWA Ongoing
1.7	Storm Drains. Continue to maintain and seek opportunities to upgrade the City’s storm drain systems, where needed, with an emphasis on historical flooding areas. This includes regular maintenance and cleaning of storm drains and other flood control structures so that stormwater can be effectively conveyed, and upgrading the storm drain system where it is known to be undersized.	PWA Ongoing



TABLE S-2. SAFETY ELEMENT IMPLEMENTATION

Ref #	Implementation Action	Agency / Time Frame
1.8	Hazard Mitigation Plan. Prepare, maintain, and regularly update a local hazard mitigation plan.	PD 2021 & update 2 to 3 years
1.9	Emergency Operations Plan. Maintain and regularly update an emergency operations plan.	PD Ongoing
1.10	Climate resiliency. Explore the development of a climate adaptation plan to respond to the most significant potential climate change risks and vulnerabilities identified in the vulnerability assessment and protect the natural and built environment, residents, visitors, economic base, and quality of life.	PBA/PWA 2022-2024
1.11	Public education. Continue to disseminate information on flooding, flood control on private property, floodplains, and flood preparedness, man-made hazards, hazard response plans, resources, and best practices in disaster events to the public through the City website, social media, and at City offices.	CMO/PD 2022
1.12	Community Emergency Response Team (CERT). Increase participation in CERT through program promotion and expanded course offerings. Consider partnering with school districts to offer CERT training to city high school students. Encourage CERT participation for City employees.	PD Ongoing
1.13	Emergency preparedness. Identify all essential and critical facilities (including but not limited to essential City offices and buildings, medical facilities, schools, child care centers, and nursing homes) in or within 200 feet of the 100-year flood zone, and evaluate disaster response and evacuation plans that address the actions that will be taken in the event of flooding.	PWA/PBA 2023
GOAL S-2: Hazardous Materials Protect residents and environmental resources from contaminated hazardous material sites and minimize risks associated with the use, production, storage, transport, and disposal of hazardous materials.		
2.1	Facility location. Identify options to prohibit new facilities involved in the production, use, storage, transport, or disposal of hazardous materials in quantities that would place them in the State's Toxic Release Inventory or Small Quantity Generator databases in the 100-year flood zone unless all standards of elevation, anchoring, and flood proofing have been implemented to the satisfaction of the City's Planning and Building Agency and the Orange County Fire Authority.	PBA/OCFD 2022-2024
2.2	Sensitive use protection. Consider legislation to prohibit new facilities involved in the production, use, storage, transport, or disposal of hazardous materials near existing land uses that may be adversely impacted by such activities. Prohibit new sensitive facilities near existing sites that use, store, or generate hazardous materials.	PBA 2022
2.3	Waste drop-off facilities. Continue to promote off-site hazardous materials and/or electronic waste drop-off.	PWA Ongoing
2.4 EJ	Lead contamination. Work with state, local and regional partners, such as the Department of Toxic Substances Control, South Coast Air Quality District, Orange County Environmental Justice, Orange County Health Care Agency, and University of California at Irvine Public Health, to understand the prevalence, sources, and implications of lead contamination of soil across Santa Ana. Collaborate with such state agencies, local, and regional partners and environmental justice stakeholders in proposing, selecting, and implementing measures to mitigate (i.e., remove, cover, and remediate) hazardous lead-contaminated soils in the city in a manner that includes key benchmarks and routine monitoring of soil lead levels to measure and track effectiveness of selected approach.	PBA/CDA Ongoing
2.5 EJ	Business education. Collaborate with state and county agencies and trade organizations to educate and inform industrial business owners about permit regulations required for safe facility operations and about best practices.	PBA/CDA Ongoing

TABLE S-2. SAFETY ELEMENT IMPLEMENTATION

Ref #	Implementation Action	Agency / Time Frame
<p>GOAL S-3: Geologic and Seismic Hazards Provide a safe environment for all Santa Ana residents and workers while minimizing risk of injury, loss of life, property damage, and social and economic impacts caused by geologic and seismic hazards.</p>		
3.1	<p>Public utilities. Coordinate with the California Public Utilities Commission and/or utilize the Capital Improvement Program. Explore options to strengthen, relocate, or take other appropriate measures to safeguard high-voltage lines; water, sewer, natural gas and petroleum pipelines; and trunk electrical and telephone conduits that extend through areas of high liquefaction potential, cross active faults, or traverse earth cracks or landslides.</p>	PWA/PBA 2024
3.2	<p>Preparedness practice. Participate in regional and local emergency exercises, such as the Great California ShakeOut, an annual statewide earthquake drill.</p>	PD Ongoing
3.3	<p>Preparedness kits. Enhance public awareness and preparedness by encouraging residents and businesses to store supplies for self-reliance following a disaster. Emergency preparedness kits should include, at a minimum, a three-day supply of drinking water and food for all members of the household or business, including pets. Partner with community organizations to seek funding / provide emergency kits for families who qualify for state or federal aid programs and for families whose children qualify for the free or reduced school lunch program.</p>	PD Ongoing
3.4	<p>Education programs. Offer educational programs for residents and businesses regarding preventative actions to take before, during, and after a seismic event, and involve the public in the awareness of City emergency response plans, resources, risk reduction, and mitigation measures.</p>	PD Ongoing
3.5	<p>High-risk facilities. Compile and maintain a list of facilities that, because of population demands (such as mobility issues at a nursing home), construction type, location relative to a fault, or other factors, may have a high risk and require special response during a geologic or seismic event.</p>	PBA/OCFA 2025
3.6	<p>Earthquake Vulnerability Assessment. Identify resources to conduct an inventory of private buildings that may be particularly vulnerable to earthquake damage, including pre 1940s structures and homes with cripple wall foundations.</p>	PBA 2022
<p>GOAL S-4: Aircraft Hazards Protect the safety of the general public from aircraft hazards.</p>		
4.1	<p>Coordination. Continue to collaborate internally and with adjacent jurisdictions, appropriate agencies, and the Orange County Airport Land Use Commission as needed on potential development applications and ongoing programs affecting land use and development, affordable housing, transportation, infrastructure, resource conservation, environmental quality, and John Wayne Airport operations and improvement plans.</p>	PBA/PWA Ongoing
4.2	<p>Airport regulations and plans. Continue to comply with Federal Aviation Regulations and adhere to the John Wayne Airport Land Use Compatibility Plan to ensure future development ensures the safety of airport operations and of those living, working, and going to school in Santa Ana.</p>	PBA/PWA Ongoing
4.3	<p>Development code standards. Maintain and update as necessary the development code to incorporate appropriate requirements and standards to ensure airport safety and compatibility.</p>	PBA 2022-2027

Notes:

CDA - Community Development Agency

CMO - City Manager's Office

HR - Human Resources Department

PBA - Planning and Building Agency

PWA - Public Works Agency

PRCSA - Parks, Recreation and Community Services Agency

PD - Police Department

EJ associated with environmental justice policies

