



CHAPTER 6

From Plan to Action

November 2021

The Climate Adaptation and Hazard Mitigation Plan is a living document that must be regularly reviewed and updated. This chapter provides a roadmap for how the public will remain engaged in the plan, how the plan will be integrated into other planning processes and how it will be maintained and updated over time. The plan will undergo a comprehensive revision and update before the expiration of this 5-year plan.

Continued Public Involvement

Public participation is an integral component of the mitigation planning process and will continue to be essential as this Plan evolves and is updated over time. The most appropriate and meaningful opportunities for the general public to be involved in the maintenance and implementation of the Plan is during the five-year plan review process. However, the City also intends to do hazard mitigation outreach and education during the interim periods, which may promote a more engaged citizenry for the five-year update process.

As demonstrated in **Appendix B**, the City was diligent and successful in providing public involvement opportunities during this five-year plan review process through multiple methods. However, despite our efforts, we know that we missed certain segments of the population, particularly minorities, youth, and the disabled. These are important voices to be part of the conversation and represent some of the populations most likely to be significantly impacted by the hazards described in this plan. As we design outreach and education opportunities going forward, we must consider additional ways to reach these populations. Considerations may include partnering more closely with Mastick Senior Center, audio programs for the visually impaired, materials translated into multiple languages, flyering to tenants, and engagement with the schools.

Integration into Other Planning Processes

The City Manager's Office will be responsible for maintaining this Plan as a living document, which interacts with other City and Regional planning documents. As various City and regional they will incorporate the data and strategies in this plan into their planning processes. The construction of new infrastructure or completion of mitigation programs, will be also be tracked for inclusion in the subsequent update of the Plan.

The General Plan Safety Element was updated at the same time as this Plan. Information in this plan was incorporated into the Safety Element and information from the Safety Element was incorporated into this Plan. This Plan will also be adopted as an appendix to the Safety Element.

Emergency Operations Plan. The Local Hazard Mitigation Plan is a key component of the City's Emergency Operations Plan (EOP) of 2019. The EOP addresses the City's planned response to emergency situations. The objective of the EOP is to coordinate the personnel, facilities, and other resources of the City into an efficient organization capable of responding to any emergency, disaster, or planned event. The key mitigation effort of the EOP is to have planning, strategies, personnel assignments, and training in place before a disaster strikes, so that the response and recovery can be effective and professional. The City's EOP includes discussions of the National Incident Management System (NIMS) to establish the chain of command, the Standardized Emergency Management System (SEMS) to identify functions and responsibilities, Incident Command (IC), mutual aid, functioning of the Emergency Operations Center (EOC), and ongoing training.

Capital Improvement Program (CIP). The most recent CIP, for FY 19-21, aims to maintain and improve our City's aged public infrastructure as best it can with the resources available. The CIP has one budget for each of the main infrastructures, such as sanitary sewer piping, city buildings, street resurfacing, etc. Concurrently, the Public Works Department is developing short- and long-term master plans for each infrastructure, to best spend the limited dollars to address both new needs and the drawdown of deferred maintenance. This more flexible budget also allows for reprioritization as serious maintenance needs become apparent.

Master Plans. Master plans have been developed, or are in the final stages of development. All of these have been developed to best meet the needs of the users, within the projected CIP budget. Some address hazard mitigation, more specifically:

- **General Plan 2040:** The City undergoing a comprehensive update of the General Plan. The Health and Safety element will be updated following FEMA's approval of this plan so that the information is consistent between the two documents. This plan will be adopted as an appendix to the General Plan Safety Element
- **Climate Action and Resiliency Plan (2019):** The Climate Action and Resiliency Plan is a long-term plan to reduce Alameda's Greenhouse Gas emissions that cause climate change through equitable improvements to transportation, buildings, energy use, and waste management and adapt to the impacts of climate change, such as rising seas and increasing extreme heat and smoke days.
- **City-Owned Buildings Facility Assessment:** The City completed a study on the highest maintenance needs for existing city buildings. This included the immediate needs of code deficits, ADA issues, damage repair, normal wear and tear (paint, carpet, etc.) and deferred maintenance. The study did not include a seismic review of each building. This will be done in future revisions of the Plan. Other than the golf course buildings, no city buildings have been identified within the 100-year flood plain.
- **Storm Drain Master Plan (Conveyance and Pump Stations):** The City's master plans specifically address lack of capacity during 10-year and 25-year storms. While the plans were completed before the new FEMA floodplain maps were issued, they do address 18-inch and 55-inch sea level rise adaptations, which impact the same areas identified by FEMA as flood-prone.
- **Sewer Master Plan:** This plan updates all pump stations to meet current capacity and prioritizes rehabilitation of aging sewer pipe with more flexible material known to withstand seismic and flooding hazards.
- **Transportation Master Plans** (transportation plans addressing transit, bicycle, pedestrian, signals, goods movement, air quality, and other transportation needs): City Council approved the Transportation Choices Plan in 2018, which has goals to reduce solo driving and increasing the share of other modes with the primary objectives of safety, equity, and reducing greenhouse gases, including improved evacuation. In December 2021, City staff will request City Council approval of the Vision Zero Action Plan that includes specific actions and policy changes to increase street safety in Alameda. In 2022, City staff will request City Council approval of the Active Transportation Plan, which will update the existing Pedestrian Plan (2009) and Bicycle Master Plan (2010). All these plans encourage the flexibility of transportation by diversifying both routing and conveyance means. This will be useful during times when regular transportation is disrupted.

- **Master Infrastructure Plan for Alameda Point:** This document established the requirements and standards for the backbone infrastructure to support redevelopment and reuse of Alameda Point (the old Navy Base). The infrastructure improvements will create a seismically stable site that can adapt to the potential impacts of climate change.
- **City of Alameda Underground Utility District (UUD)**

Plan Maintenance and Update Process

The Climate Adaptation and Hazard Mitigation Plan is a living document that must be regularly reviewed and updated. Public participation is an integral component of the mitigation planning process and will continue to be essential as this Plan evolves and is updated over time.

The City Manager's Office will be charged with maintaining, evaluating and updating this Plan on an annual basis within the 5-year cycle. Progress on Plan implementation will be reported to City Council at a public meeting annually, coincident with the annual report of the Climate Action and Resiliency Plan.

Per federal regulations, this plan must be updated every five years. The City Manager's Office will ensure that a complete review and update of the Plan, including the hazard analysis and mitigation strategy, is completed before the expiration of the current Plan. The plan update process will follow much the same process as followed in the 2021 update.