

ATTACHMENT 6 – SAFETY ELEMENT – RECOMMENDED REVISIONS

| Change ID | Policy/ Action Number | Comment Source | Comment | Recommended Change(s) |
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| 1 | Introduction | CAL FIRE | Add language and links to refer to the CAL FIRE Unit Fire Plan and Local Community Wildfire Protection Plan. | The Safety Element does not exist in a vacuum but is instead one of several plans that address public health, safety, and related topics, including the Local Hazard Mitigation Plan, the Emergency Operations Plan, <u>the San Mateo - Santa Cruz Strategic Fire Plan</u> , <u>the Santa Cruz and San Mateo Community Wildfire Protection Plan</u> , and the Climate Action Plan. |
| 2 | Figure S-1 Potential Evacuation Routes | Public Comment | The figure does not appear to show that 31 st Avenue and 28 th Avenue now connect under the Caltrain tracks because of the recent grade separation project. | Update Figure S-1 to show connection. |
| 3 | Figure S-2 Evacuation-Constrained Areas | CAL FIRE | Change “Evacuation Constrained Areas” to “SB-99 Evacuation Constrained Areas”. This will provide a definition for the evacuation constrained areas. | Change title of figure to “SB-99 Evacuation Constrained Areas.” |
| 4 | Flood Hazards and Sea Level Rise Section | OneShoreline and City Staff | Combine flood hazards and sea level rise into one section. | Revised section will discuss the connection between flood hazards and sea level rise, and how climate change will have an impact on both. The revised section will also include a discussion about how the adaptation plan would address both flooding and sea level rise. A reference will be added to Public Services and Facilities Element to clarify how these topics tie to infrastructure. |
| 5 | Goal S-3 | City Staff | Combine flood hazards and sea level rise into one section. | GOAL S-3 Protect the community from unreasonable risk to life and property caused by flood hazards <u>and sea level rise</u> . |
| 6 | Action S 3.4 Community Rating System | City Staff | Recommended change to action. | Action S 3.7 3.4 Community Rating System. <u>Explore establishment of a City Undertake efforts that increase the City’s rating under FEMA’s Community Rating System, such as expanding and improving Geographic Information System (GIS) mapping capacity, developing a flood early warning system, and creating a Flood Emergency Action Plan.</u> |
| 7 | Action S 3.5 Early Flood Warning | City Staff | Recommended change to action. | Action S 3.8 3.5 Early Flood Warning. <u>Collaborate with OneShoreline to pAs feasible, provide early flood warning for flood-prone areas of the city through collaboration with regional partners such as OneShoreline’s stream monitoring station and notification system.</u> |
| 8 | Policy S 4.1 Sea Level Rise Planning | OneShoreline and City Staff | Combine flood hazards and sea level rise into one section. | Policy S 3.2 4.1 Sea Level Rise and Flood Planning. Integrate sea level rise <u>and flood</u> planning into all relevant City processes, including General Plan amendments, Specific Plans, zoning ordinance updates, capital projects, and review and approval of new development and substantial retrofits. |

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| 9 | Policy S 4.2 Sea Level Rise and Groundwater Rise Protection | OneShoreline and City Staff | Combine flood hazards and sea level rise into one section. | Policy S 3.3 4.2 Sea Level Rise, Flooding, and Groundwater Rise Protection. Ensure that new development, substantial retrofits, critical facilities, City-owned buildings, and existing and future flood control infrastructure are planned and designed to accommodate climate change hazards, including increases in flooding, sea level rise, and rising groundwater, based on the best available science. |
| 10 | Policy S 4.3 Natural Infrastructure | OneShoreline and City Staff | Combine flood hazards and sea level rise into one section. | Policy S 3.4 4.3 Natural Infrastructure. Consider the use of nature-based solutions and natural infrastructure in sea level rise <u>and flood</u> adaptation strategies. |
| 11 | Policy S 4.4 OneShoreline Coordination | OneShoreline and City Staff | Combine flood hazards and sea level rise into one section. | Policy S 3.5 4.4 OneShoreline Coordination. Coordinate with OneShoreline to develop and implement coordinated approaches to sea level rise <u>and flood management</u> with other San Mateo County jurisdictions. |
| 12 | New policy | OneShoreline and City Staff | Combine flood hazards and sea level rise into one section. | (New) Policy S 3-6 Storm Drain and Flood Infrastructure. <u>Manage the City's storm drain infrastructure, levee system, and dams in accordance with state and federal regulations and to protect life and property.</u> |
| 13 | Action S 4.5 Climate Change Adaptation Plan | OneShoreline and City Staff | Combine flood hazards and sea level rise into one section. | Action S 3.9 4.5 Climate Change Adaptation Plan. Assess sea level rise <u>and precipitation</u> projections <u>using the best-available climate change science</u> , <u>consistent with OneShoreline recommendations</u> , identify the extent of areas vulnerable to sea level rise <u>and flooding</u> in the city, <u>consider OneShoreline recommendations for levels of protection</u> , and develop a Climate Change Adaptation Plan that sets a comprehensive strategy and includes planning and design standards for climate risk protection. Use this plan to evaluate development applications to ensure projects are protected from sea level rise <u>and flood</u> hazards over the life of the project and to assess public infrastructure needs for adequate protection. |
| 14 | Action S 4.6 Sea Level Rise Monitoring | OneShoreline and City Staff | Combine flood hazards and sea level rise into one section. | Action S 3.10 4.6 Sea Level Rise and Flood Hazard Monitoring. Review and use the best-available sea level rise science and projections and regularly identify natural resources, development, infrastructure, and communities that are vulnerable to sea level rise <u>and flood hazard</u> impacts, including impacts from rising groundwater. Use this information to continue to develop or adjust planning and adaptation strategies. |

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| 15 | Action S 4.7 Rising Groundwater Coordination | OneShoreline and City Staff | Combine flood hazards and sea level rise into one section. | Action S <u>3.11</u> 4.7 Rising Groundwater Coordination. Coordinate with OneShoreline, local jurisdictions, and regional and State agencies to study and enforce requirements related to rising groundwater levels caused by sea level rise. |
| 16 | Action S 4.8 Natural Infrastructure | OneShoreline and City Staff | Combine flood hazards and sea level rise into one section. | Action S <u>3.12</u> 4.8 Natural Infrastructure. Use or restore natural features and ecosystem processes where feasible and appropriate as a preferred approach to the placement of hard shoreline <u>or creek</u> protection when implementing sea level rise <u>and flood</u> adaptation strategies. |
| 17 | Action S 4.9 Sea Level Overlay Zone | City Staff and Planning Commission | Combine flood hazards and sea level rise into one section. Add "City has access to these maps through One Shoreline". | Action S <u>3.13</u> 4.9 Sea Level and/or Flood Overlay Zone. Study the feasibility of establishing a sea level rise <u>and/or flood</u> overlay zone that would allow for the creation of adaptation policies, rules, or construction codes unique to this area, and consistent with OneShoreline guidance, to require properties be made resilient to sea level rise <u>and flood</u> hazards. <u>Use sea level rise maps from OneShoreline to help create the overlay zone.</u> |
| 18 | Action S 4.10 Sea Level Rise Funding | OneShoreline and City Staff | Combine flood hazards and sea level rise into one section. | Action S <u>3.14</u> 4.10 Sea Level Rise Funding. Study options for establishing dedicated funding <u>General Fund</u> dollars to support efforts to address sea level rise, including <u>considering support for sufficiently supporting</u> OneShoreline. |
| 19 | Action S 4.11 New Development | OneShoreline and City Staff | Combine flood hazards and sea level rise into one section. | Action S <u>3.15</u> 4.11 New Development. Explore creation of a <u>new</u> fee for new development <u>along the bay shoreline</u> to fund sea level rise <u>and flood</u> protection measures and adaptation strategies. |
| 20 | Figure S-5 Potential Flood Hazards | City Staff | Update levee data shown on Figure S-5 to reflect existing conditions. | Figure S-5 will be revised to show the missing East End Levee. |
| 21 | Policy S 5.1 Very High Fire Hazard Severity Zones | CAL FIRE | Add language to Policy S 5.1 "meet or exceed" Title 14, CCR, division 1.5, chapter 7, subchapter 3, article 3 (Fire Hazard Reduction Around Buildings and Structures Regulations). | Policy S 5.1 Very High Fire Hazard Severity Zones. Avoid new residential development in Very High Fire Hazard Severity Zones, as shown on Figure S-14, or the most current data available from CAL FIRE. Redevelopment or reconstruction of existing structures is allowed. Coordinate with San Mateo Consolidated Fire Department (SMC Fire) to ensure new construction of buildings or infrastructure within a Fire Hazard Severity Zone or Wildland-Urban Interface (WUI), as shown on Figures S-12 and S-13 or the most current data available from CAL FIRE, <u>meet or exceed are in full compliance with</u> applicable State and local regulations and meet the Very High Fire Hazard Severity Zone Fire Safe Regulations for road ingress and egress, fire equipment access, and adequate water supply. |

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| 22 | Wildfire Hazards Section Policy S 5.1 Very High Fire Hazard Severity Zones Policy S 5.2 Reconstruction of Development Figure S-12 Wildfire Hazard Zones | CAL FIRE | Change colors and name to match Fire Hazard Severity Zone (FHSZ) Maps from FRAP. Add language to reference the most current FHSZ maps on the CAL FIRE FRAP website. Avoid referencing specific dates on maps and other documents making the Safety Element out of date when a new version is released. | Update colors and name of Figure S-12 as requested. Within the responsibility areas, CAL FIRE designates (with City approval) lands as Moderate, High, or Very High Fire Hazard Severity Zones. As shown in Figure S-12 <u>and the most current Fire Hazard Severity Zone maps on the CAL FIRE Fire and Resource Assessment Program website</u> , Very High Fire Hazard Severity Zones are in western San Mateo between the City Limits and SR-92, as well as near Yale Drive and St. Johns Cemetery. Policy S 5.1 Very High Fire Hazard Severity Zones. Avoid new residential development in Very High Fire Hazard Severity Zones, as shown on Figure S-14, or the most current data available from CAL FIRE. Redevelopment or reconstruction of existing structures is allowed. Coordinate with San Mateo Consolidated Fire Department (SMC Fire) to ensure new construction of buildings or infrastructure within a Fire Hazard Severity Zone or Wildland-Urban Interface (WUI), as shown on Figures S-12 and S-13 or the most current data available from CAL FIRE, are in full compliance with applicable State and local regulations and meet the Very High Fire Hazard Severity Zone Fire Safe Regulations for road ingress and egress, fire equipment access, and adequate water supply. Policy S 5.2 Reconstruction of Development. Require reconstruction projects or significant retrofits in a Fire Hazard Severity Zone and the Wildland-Urban Interface, as shown on Figures S-12 and S-13 or the most current data available from CAL FIRE, to be consistent with the California Building Standards Code, California Fire Code, and Very High Fire Hazard Severity Zone Fire Safe Regulations. |
| 23 | Policy S 5.6 Firefighting Infrastructure | CAL FIRE | Include language to ensure residential and building signage to improve firefighting infrastructure. | Policy S 5.6 Firefighting Infrastructure. Coordinate with SMC Fire to ensure adequate firefighting infrastructure, including road and building clearance for firefighting vehicles, <u>residential and building signage</u> , and clear and legible street signage throughout the community. |
| 24 | Policy S 5.9 Land Use Management for Fire Risks | CAL FIRE | Add language to Policy S 5.9 to work with Public Works and FIRE SAFE San Mateo County to maintain fire breaks. | Policy S 5.9 Land Use Management for Fire Risks. Maintain all City-owned public lands and work with private landowners <u>and FIRE SAFE San Mateo County</u> to reduce fuel loads, establish appropriately placed fire breaks/defensible space, require long-term maintenance of fire hazard reduction projects, and educate all property owners in the city on proper landscape maintenance and fireescaping standards to reduce the risk of fire hazards. |

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| 25 | New Policy | CAL FIRE | Create a policy/goal to conduct an evacuation study for the next update of the Local Hazard Mitigation Plan to ensure AB 747 (Levine) requirements are integrated into the Local Hazard Mitigation Plan. | (New) Policy S 1.16 Evacuation Planning. <u>Cooperate with neighboring jurisdictions and public protection agencies to delineate evacuation routes and locations, identifying their capacity, safety, and viability under different hazard scenarios, as well as emergency vehicle routes for disaster response, and where possible, alternate routes where congestion or road failure could occur. Update as new information and technologies become available.</u> |
| 26 | New Action | CAL FIRE | Add an action to assess future emergency service needs. | (New) Action S 1.28 Future Emergency Needs. <u>Assess future emergency service needs during each update to the Safety Element.</u> |