NORTHERN WATERFRONT

MID- TO LONG-TERM ADAPTATION

3FT SEA LEVEL RISE: THE 'DO NOTHING' ALTERNATIVE (2070-2100)

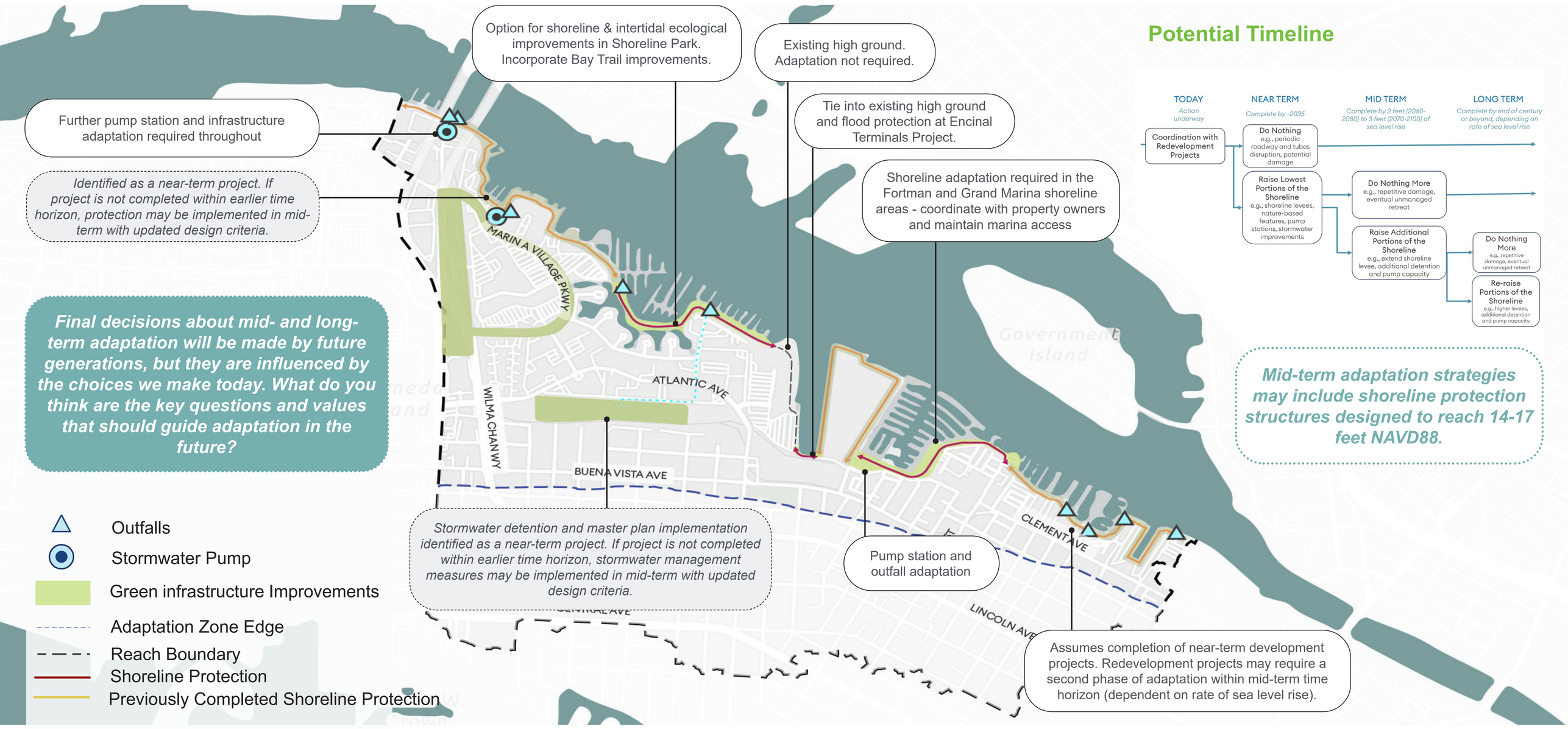
If adaptation measures are not implemented in the near term, coastal flooding will continue to increase in severity and frequency. Coastal water will overtop the shoreline at low points and spread inland, impacting streets, neighborhoods, and commercial areas. Rising groundwater will also impact inland areas.

**Based on approximate High and Intermediate projections (OPC, OST, and CA Sea Level Rise Task Force 2024) in comparison to a 2000 baseline*

During the extreme scenario over 390 residential buildings would be exposed to flooding in the Northern Waterfront

MID-TERM ADAPTATION STRATEGIES (2070-2100)

Shoreline adaptation and infrastructure upgrades will be required for many of the areas not addressed in the near term, including Shoreline Park and the inland areas near Grand Marina and Fortman Marina. If projects identified in the near-term are not completed within previously identified time horizons, those projects will need to be re-assessed relative to current sea level rise protection standards and implemented. Mid-term shoreline adaptation will need to connect to previously completed projects in order to provide comprehensive protection. Marinas may also need to be adapted in order to maintain access to docks and slips. Expanded inland space for stormwater detention will be required. Additional study will be needed to identify locations and appropriately size this infrastructure.



Potential Timeline

Final decisions about mid- and long-term adaptation will be made by future generations, but they are influenced by the choices we make today. What do you think are the key questions and values that should guide adaptation in the future?

Mid-term adaptation strategies may include shoreline protection structures designed to reach 14-17 feet NAVD88.

ALAMEDA