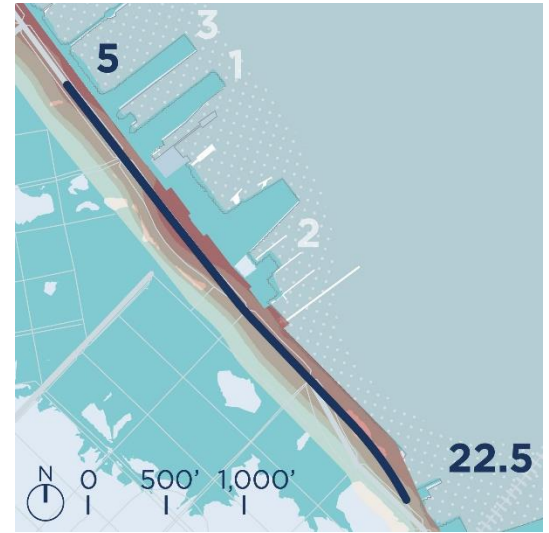


Pier 5 To Pier 22-1/2

Near-Term Coastal Flood Risk Reduction Project



About the Project

The Pier 5 to Pier 22 ½ Near-Term Coastal Flood Risk Reduction Project focuses on protecting regional transit and waterfront neighborhoods from coastal flooding caused by sea level rise while maintaining a thriving waterfront as longer-range plans are developed. Potential options include different combinations of raising bulkheads, new flood protection railings, or temporary structures that are deployed in anticipation of a storm event. This is the most at-risk segment of the Embarcadero Seawall for sea level rise and regularly overtops during King Tides today, disrupting pedestrian, bicycle, and northbound traffic. The nearby MUNI Portal, where trains enter the underground system, including BART, is at risk from coastal flooding in an extremely rare storm and saltwater is causing sections of the Promenade and railing to fail. Within decades, sea level rise is projected to cause regular shutdowns and flood damages if coastal flood defenses are not developed. This project can improve public space, bay habitat, and provide educational opportunities about the Bay and climate change impacts.

| Project Benefits | Project Details | Responds to Community Feedback |
|---|--|---|
| <ul style="list-style-type: none"> <input type="checkbox"/> Earthquake Safety <input checked="" type="checkbox"/> Disaster Response Improvement <input checked="" type="checkbox"/> Coastal Flood Defense <input checked="" type="checkbox"/> Public Space Enhancement <input type="checkbox"/> Historic Preservation <input checked="" type="checkbox"/> Bay Habitat | <p>Status: Pre-Design</p> <p>Cost: \$5M to \$45M</p> <p>Duration: 3 to 5 years</p> <p>Complexity: Moderate</p> <p><i>*cost & duration are planning level estimates and include all costs</i></p> | <ul style="list-style-type: none"> ✓ Prioritizes life safety and emergency response. ✓ Ensures public access to the waterfront and an inviting waterfront for all. ✓ Provides opportunities for diverse families, businesses, and neighborhoods to thrive. ✓ Supports an adaptable and equitable waterfront. ✓ Enhances and sustains economic and ecological opportunities. |