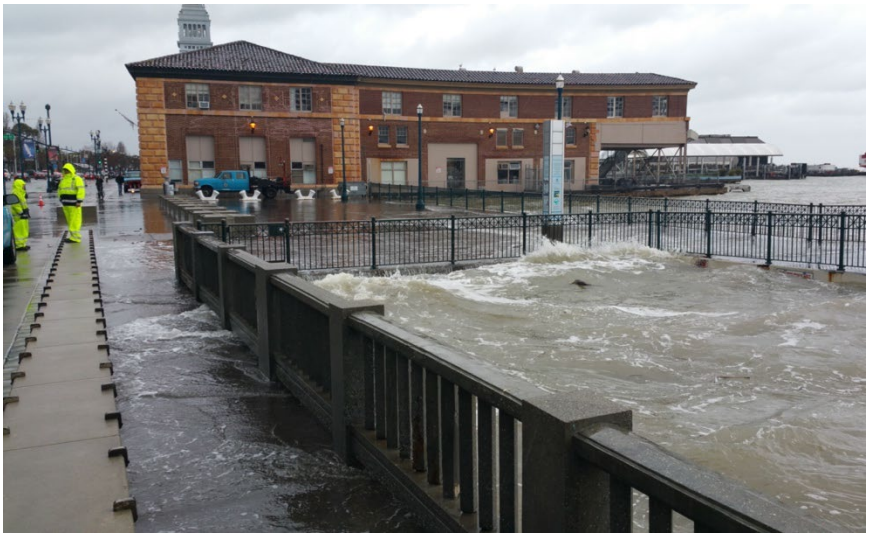
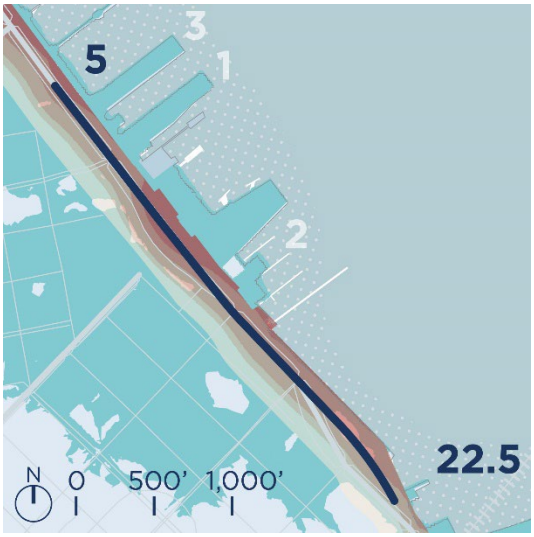
Embarcadero Early Projects

Downtown Coastal Resilience Project





About the Project

This project focuses on protecting regional transit and waterfront neighborhoods from coastal flooding and sea level rise, 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 damage if coastal flood defenses are not developed. Opportunities include improving public space, bay habitat, and providing education about the Bay and climate change.

Project Phase

✓	Planning
➢	**Pre-Design**
	Detail Design
	Construction
	Closeout
	Complete

Project Details

Port PM:	Wendy Proctor wendy.proctor@sfport.com
Total Cost:	TBD*
Duration:	TBD*
Complexity:	Moderate

**To be determined at the end of Pre-Design*

Responds to Community Feedback

- ✓ **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.

Project Update, Q1 2023

Pre-Design Status

- Needs Assessment: Done Q4/2022
- Alternatives Analysis: In-Progress
- Conceptual Engineer: Start Q4/2023

Highlights

- Applied for a FEMA BRIC Grant
- Collaborating with BART & SFMTA on solutions for protecting underground transit.