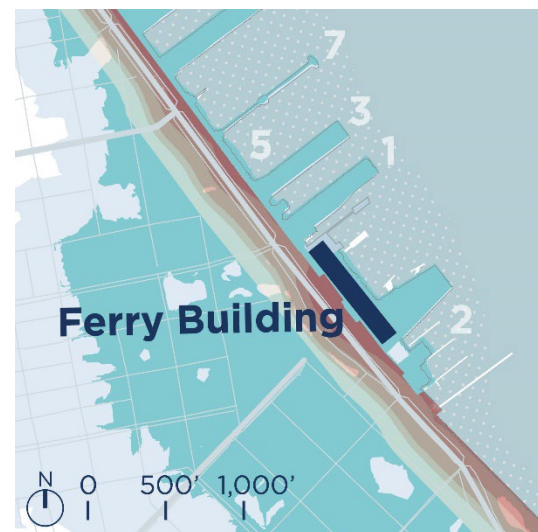
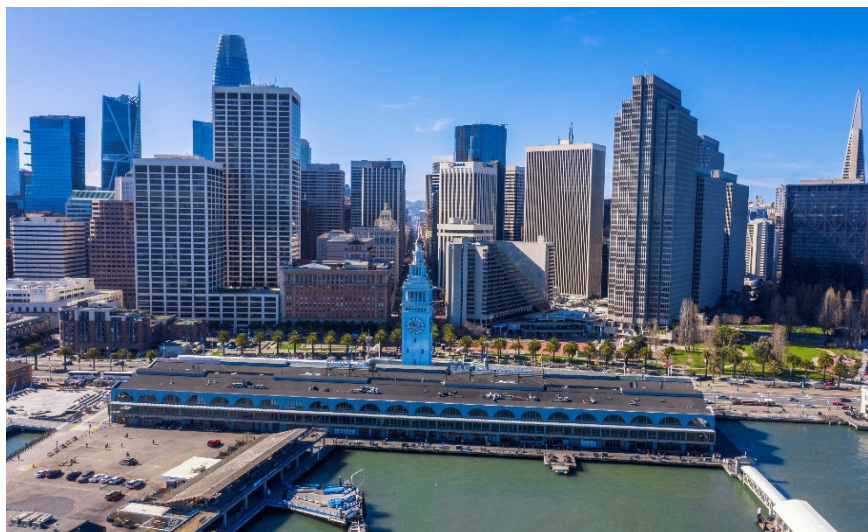


Ferry Building Seawall and Substructure Earthquake Reliability Project



About the Project

The Ferry Building is a beloved historic waterfront icon, an important multi-modal transit hub, and a critical disaster response location for transporting first responders, residents, workers, and visitors by boat. Constructed in 1896 and supported by more than 5,000 timber piles driven into thick Bay Muds, the Port’s Multi-Hazard Risk Assessment found this unique section of Seawall and substructure to be at high risk from both earthquakes and near-term flooding. This project will improve earthquake safety and disaster response capability by strengthening the vulnerable Seawall and substructure to reduce earthquake damage while a companion project advances near-term flood defenses. Thick Bay Mud, the BART tunnel, the restored historic building, and a highly active site make this an extremely challenging location. This project is also considering how earthquake improvements can support subsequent adaptation strategies including elevating the building for sea level rise.

Project Phase	
✓	Planning
➤	Pre-Design
	Detail Design
	Construction
	Closeout
	Complete

Project Details	Responds to Community Feedback	Project Update, Q1 2023
Port PM: Steven Reel steven.reel@sfport.com Total Cost: TBD* Duration: TBD* Complexity: High *To be determined at the end of Pre-Design	<ul style="list-style-type: none"> ✓ Prioritizes life safety and emergency response. ✓ Ensures public access to the waterfront and an inviting waterfront for all. ✓ Protects and preserves maritime resources. ✓ Supports an adaptable and equitable waterfront. 	<u>Pre-Design Status</u> <ul style="list-style-type: none"> • Needs Assessment: Done Q4/2022 • Alternatives Analysis: In-Progress • Conceptual Engineer: Start Q1/2024 <u>Highlights</u> <ul style="list-style-type: none"> • Advancing detailed engineering analysis • Exploring a ground improvement pilot project.