

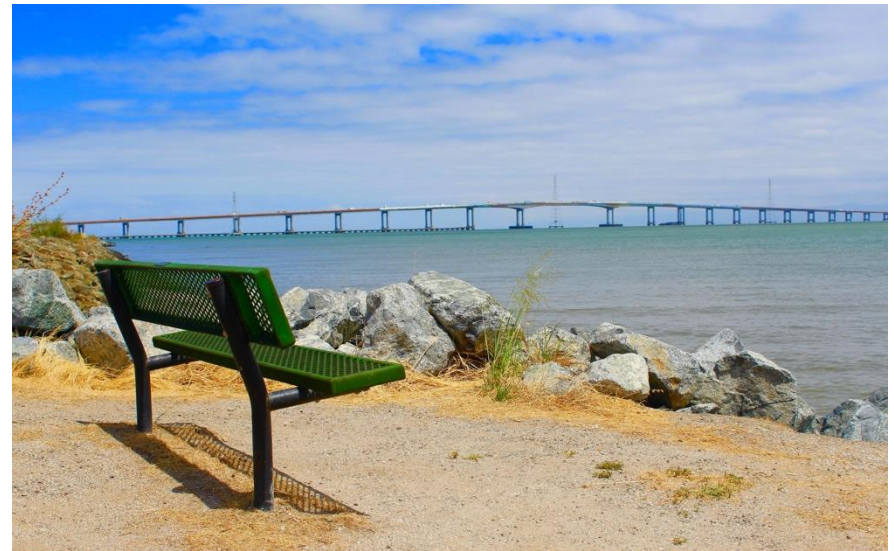
Keep Foster City Safe and Dry



Improving the Levee for Safety and Savings (Water Summit)

Foster City Levee System

- Foster City maintains the levee along the Bayfront, surrounding the majority of the outer perimeter of the City
- The City's levee system is a valuable safety asset that provides protection from flood hazards and storms



Bottom Line

The Problem

- FEMA has determined that 85% of Foster City's levee system does not meet minimum requirements for flood prevention.

The Options

- Upgrade the levee to meet safety standards at a cost of approximately \$272 per year for the average homeowner (\$40/\$100k in Assessed Value).

OR

- Foster City designated a flood hazard zone and mandatory flood insurance required at a cost of \$2,000-\$3,000 per year for the average homeowner and still face flood risk. Most businesses will likely pay more.
- Owners may face flood insurance, businesses rent could increase, and there could be higher cost for construction improvement requirements.

How Much Will It Cost?

Project Alternative	Estimated Cost
1. FEMA Accreditation Only ¹	\$60 million
2. 2050 SLR ²	\$90 million
3. 2100 SLR ³	\$170 million

1. Does not meet regulatory requirements for permitting.
2. Assumes 80-year project life, possibly with future adaptation.
3. Not selected.

Potential Bond Measure

- The City Council approved moving forward with a \$90 million bond ballot measure to fund levee improvements (June 2018 ballot)
- Businesses do not have a vote unless they are a Foster City registered voter.
- Locally-controlled funding to maintain FEMA accreditation and keep Foster City properties out of the flood zone



Improvements for Safety and Savings

- Protect essential city services during storms, like fire, police, water, electricity, sewer and transportation infrastructure
- Improve the levee to protect Foster City homes, schools, businesses and roads from flooding
- Protect the levee from earthquake damage
- Prevent Foster City from being designated as a flood hazard area by FEMA
- Avoid expensive, mandatory flood insurance requirements for local homeowners and businesses

Improvements for Safety and Savings



Project Accomplishments to Date

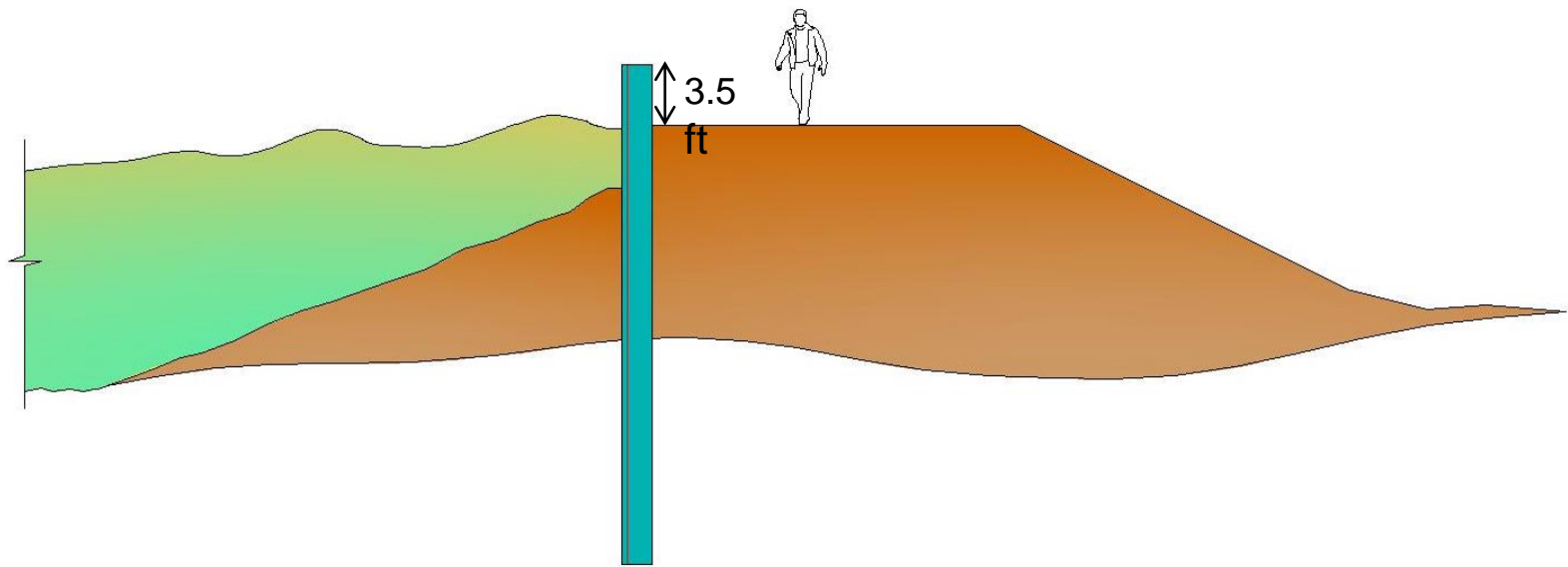
July 2014	FEMA Completes Coastal Flood Study (CCAMP)
August 2014	City Surveys Existing Levees
March 2015	Detailed Evaluation of CCAMP Results
July 2015	Levee Protection Planning Study
August 2015	Presentation to Regulatory Agencies and Government Officials
October 2016	Basis of Levee Design
November 2016	Draft Environmental Impact Report
April 2017	Final Environmental Impact Report
May 2017	Council Directs Staff to Proceed with Design
July 2017	Begin Ballot Measure Polling
August 2017	60% Design Documents
September 2017	Ballot Measure Polling Completed



Project Accomplishments to Date and Items Moving Forward

March 2018	CC Approval of Ballot Measure for June 2018
March 2018	85% Design Completion
June 5, 2018	Ballot Measure
October 2018	Complete Design
Spring 2019	Begin Construction
Summer 2021	Complete Construction

Improvements or Safety and Savings



Improvements would raise the height of the levee with no more than 3.5 feet of exposed wall along the Bay Trail.

Improvements or Safety and Savings

Current levee



Improvements or Safety and Savings

Projected Improvements

