



James C. Porter  
Director

County Government Center  
555 County Center, 5<sup>th</sup> Floor  
Redwood City, CA 94063  
650-363-4100 T  
650-361-8220 F  
[www.smcgov.org](http://www.smcgov.org)

Dear Adjacent Property Owner:

The San Mateo County Flood Control District is a countywide Special District that was recently re-organized as the San Mateo County Flood and Sea Level Rise Resiliency District (District) by State legislation. The goal of this new District is to protect against the impacts of sea level rise and provide for the control and comprehensive management of floodwater and stormwater. The District is now governed by a Board of Directors appointed by the City/County Association of Governments consisting of elected officials from the various municipalities of San Mateo County and members of the County Board of Supervisors.

The Colma Creek Flood Control Zone (Zone) is an established zone within the District. The District has evaluated project alternatives to alleviate flooding along lower Colma Creek (downstream of Utah Avenue) in the City of South San Francisco, California and has developed floodwall alternatives using different materials including: steel sheet piles, concrete, and fiber reinforced polymer (FRP). An earthen embankment alternative is also under consideration.

Figure 1 shows the approximate linear footprint of the project. Figure 2 shows conceptual cross-sections of the floodwall alternative, the earthen embankment alternative, and the general construction footprint required for these alternatives. Specific construction details would be determined during the project's formal design process.

The earthen embankment alternative requires the widest footprint and would extend beyond the District's current right-of-way. In order to achieve recommended levee slopes (2:1 ratio of horizontal distance of levee to its vertical bank height), while also maintaining adequate channel flow capacity, the outside levee slope would likely encroach onto private property and may conflict with existing structures.

At this time, the FRP floodwall alternative is preferred as this material is lighter, less susceptible to corrosion, and less costly in comparison to the other floodwall alternatives. The FRP floodwall alternative has been vetted by the Colma Creek Flood Control Zone Citizens Advisory Committee, which serves as an advisory body to the District on matters regarding flood control within the Zone.

The project and the above alternatives are also being evaluated per the requirements of the California Environmental Quality Act (CEQA). The District will be coordinating with governmental agencies who authorize and permit projects that potentially involve environmental effects.



TO: Property Owner  
RE: Colma Creek Flood Control Zone Channel Improvement Project

DATE: January 20, 2020

Page 2

As a nearby landowner, the District requests your feedback on this project and the approach of building a floodwall versus increasing the height and width of the existing earthen levees. Both options are depicted in the accompanying drawings in Figure 2.

Please answer questions A through C below by circling a number according to your level of concern or support:

- (1) = No Concern or No Support
- (2) = Little Concern or Little Support
- (3) = Moderate Concern or Moderate Support
- (4) = Very Concerned or Very Supportive

For question D, please circle one of the three options listed.

**A.** How concerned are you about flooding along Colma Creek and at your property?

1                      2                      3                      4

**B.** Would you support a floodwall that rises 7-8 feet above the existing ground on both sides of Colma Creek south of Utah Avenue (Note: same for all 3 alternatives)? See anticipated project limits in Figure 1.

1                      2                      3                      4

**C.** Would you support alternatives such as an earthen levee or widened channel resulting in encroachment requiring private property land acquisition or development of an access easement on private lands?

1                      2                      3                      4

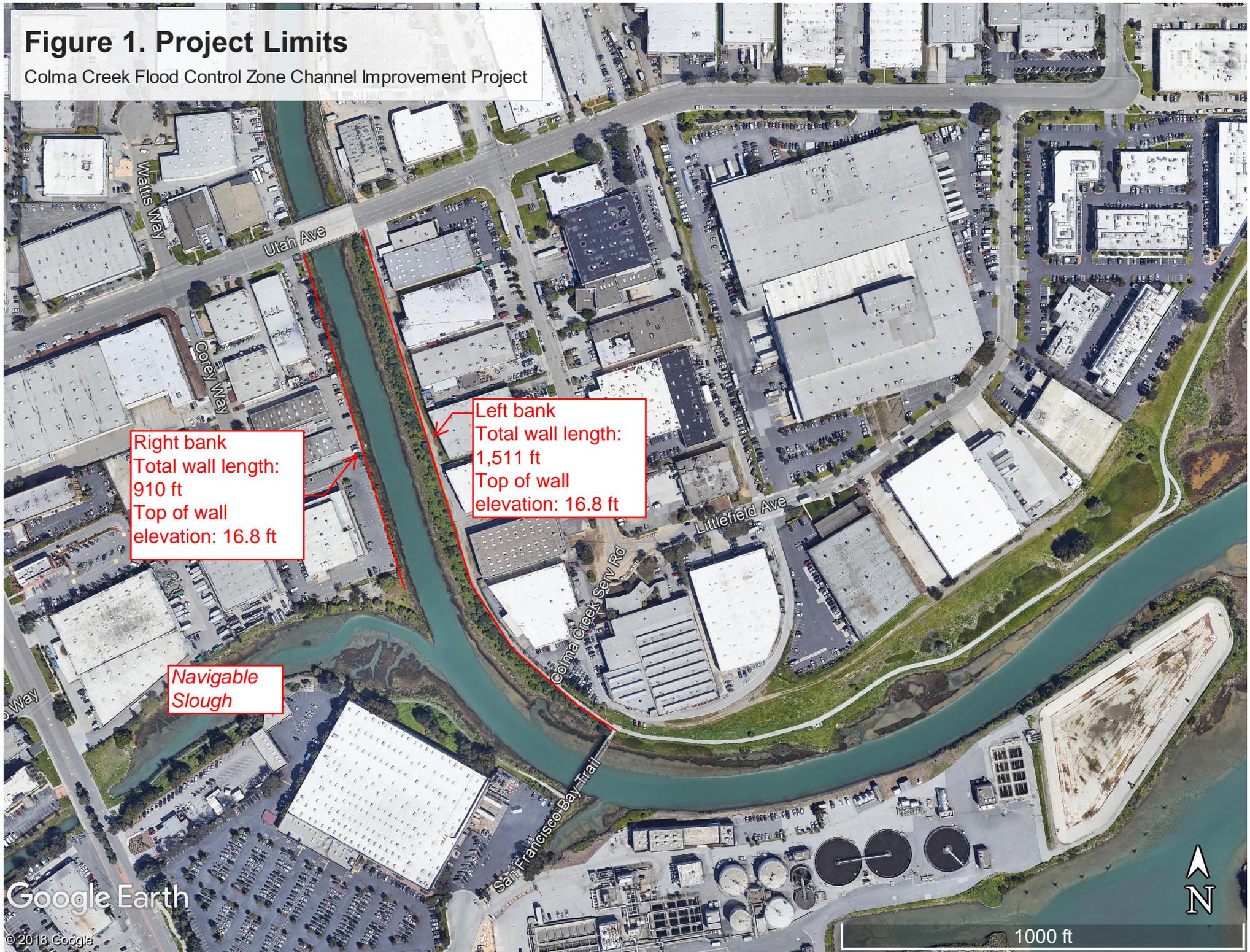
**D.** Are you interested in attending a public meeting or an individual meeting to discuss this project?

Yes, public meeting      Yes, individual meeting.      No, not interested

Please return this survey in the enclosed self-addressed envelope and return by February 3, 2020.

# Figure 1. Project Limits

Colma Creek Flood Control Zone Channel Improvement Project

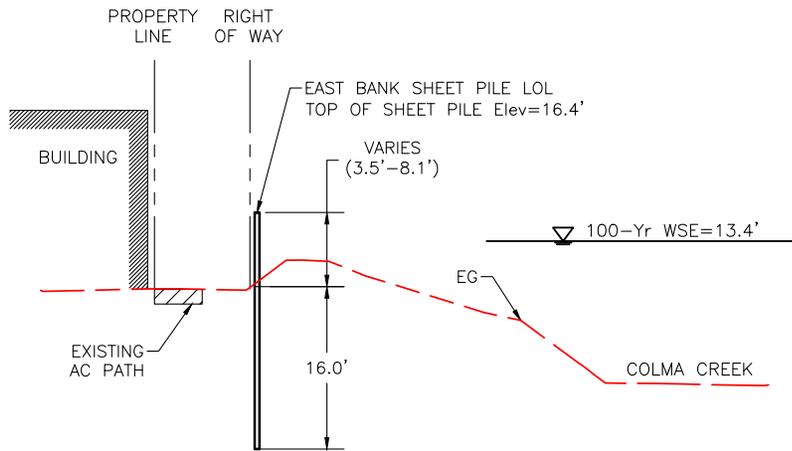


Right bank  
Total wall length:  
910 ft  
Top of wall  
elevation: 16.8 ft

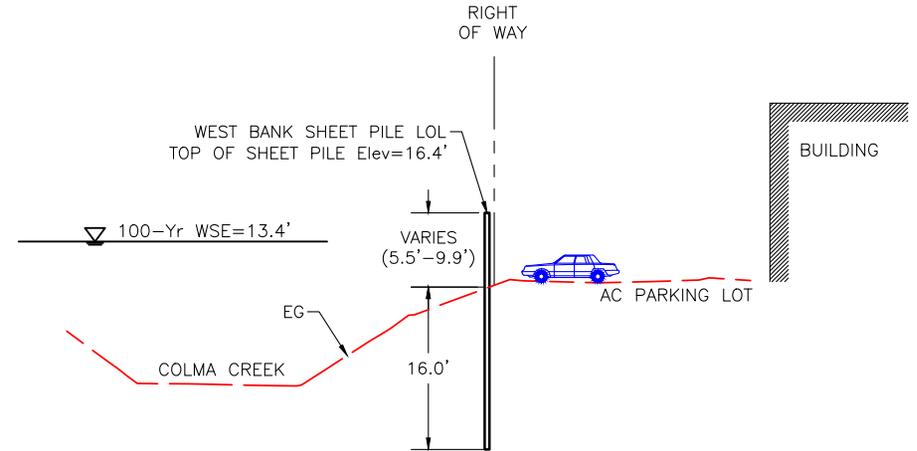
Left bank  
Total wall length:  
1,511 ft  
Top of wall  
elevation: 16.8 ft

Navigable  
Slough

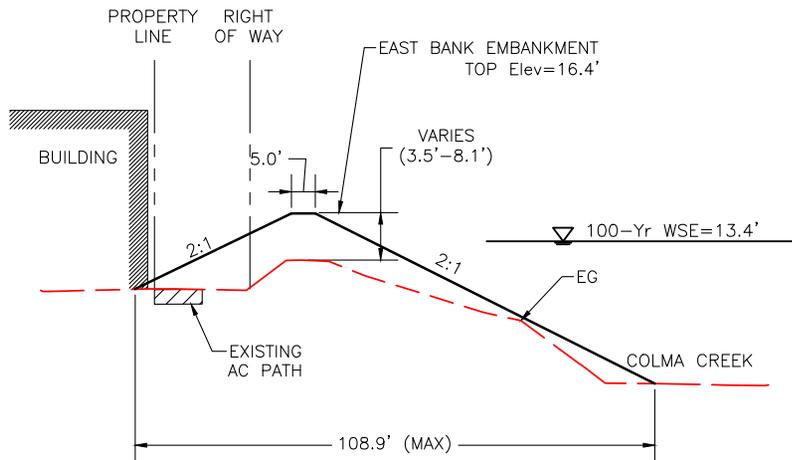




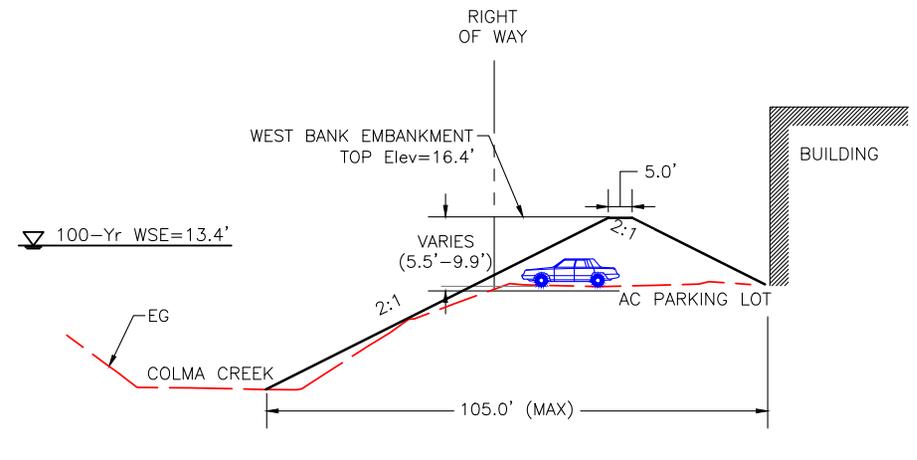
**SHEET PILES  
TYPICAL SECTION (EAST BANK)**



**SHEET PILES  
TYPICAL SECTION (WEST BANK)**



**EARTHEN EMBANKMENT  
TYPICAL SECTION (EAST BANK)**



**EARTHEN EMBANKMENT  
TYPICAL SECTION (WEST BANK)**

Source: WRECO 2019

**LEGEND**

- AC Asphalt Concrete
- WSE Water Surface Elevation
- LOL Layout Line
- Existing Ground (EG)
- Proposed Alternative

**Figure 2. Typical Cross-Sections of the Sheet Piles and Earthen Embankment Alternatives**