Mayor Mahanpour’s Opening Comments

- Levee is the most important project for Foster City
- Project funded by a $90 Million ballot measure, paid for by the property owners of Foster City
- Important to have regional solutions without Foster City property owners or other Cities being taxed twice
- Streamlining of environmental processes should be done
  - precedent of requirements has been set
  - 1 year to obtain permits is too long with rising construction costs in the Bay Area
Presentation

- Project Overview
  - Location
  - Purpose
  - Design
  - Financing
  - Project Schedule
- Project Resilience and Adaptation to Future Sea Level Rise
Project Location

Figure 1-1
Foster City Levee Protection Planning and Improvements Project EIR
Regional Context Map

Figure 1. Location Map
Levee Protection Planning and Improvement Project CIP 301-557
City of Foster City, San Mateo County, California

Note: The location of staging areas are preliminary and may change.

Legend

Project Site

Project Area

The maximum exposed wall height as viewed from the Bay Trail is 3.5 feet.
Project Purpose and Timeline

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>FEMA CCAMP</td>
</tr>
<tr>
<td>2015</td>
<td>Seclusion Mapping</td>
</tr>
<tr>
<td>2017</td>
<td>Final EIR Certified</td>
</tr>
<tr>
<td>2018</td>
<td>Measure P Passes</td>
</tr>
<tr>
<td>2019</td>
<td>Design and Permits</td>
</tr>
<tr>
<td>2020</td>
<td>Begin Construction</td>
</tr>
<tr>
<td>2023</td>
<td>End Construction</td>
</tr>
</tbody>
</table>

8,000 parcels

9,000 parcels

Legend

- San Mateo Levees, 2012
- Foster City Levees, 2007
- SanMateo/FosterCity Border
- Zone X Protected by Levees

Complete Precincts: 15 of 15

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
</tr>
</thead>
<tbody>
<tr>
<td>6,275</td>
<td>1,506</td>
</tr>
<tr>
<td>80.65%</td>
<td>19.35%</td>
</tr>
</tbody>
</table>
The required top of post-settlement levee/wall elevation is established by running FEMA’s regional hydrodynamic wave model, adding 2 feet for sea level rise, and calculating wave runup at the shoreline.

The project will allow FEMA accreditation of a levee system that protects approximately 17,000 parcels within Foster City and San Mateo and is resilient to the maximum wave runup associated with the 100-year storm surge including sea level rise anticipated by 2050 with 99.5 percent certainty.
Project Design

FOSTER CITY LEVEE IMPROVEMENT TYPES
- Hybrid Sheet Pile Wall
- Earthen Levee
- Concrete Floodwall

Hybrid: 22,300 LF
Earthen: 5,400 LF
Floodwall: 4,000 LF
Public Access

- June 2016 San Francisco Bay Trail Guidelines and Toolkit
- Bay Trail widened 50 percent
- Improved public access
  - ADA compliance
  - Cyclist and board surfing amenities

Legend

- Bay Access
- Trail Access
- 10-FT Path with Shoulder
- 12-FT Path with Shoulder
- 12-FT Path, No Shoulder Inboard Side
- No Improvements
Public Access

EXISTING BAY TRAIL IS 12 FEET WIDE OR LESS ON AVERAGE

IMPROVED BAY TRAIL WILL BE 18 FEET WIDE
Public Access
Current approximate construction cost estimate is $90 million.
Foster City is financing 100% of project costs.
- Measure P bond sales
- General funds
Foster City Levee Improvement Project

Milestone Schedule
Updated November 2019

- Basis of Design
- Floodplain Studies
- Funding Assessment and Bond Election
- Design Development
- Permitting
- Contract Documents
- Bidding and Contractor Selection
- Pre-Construction
- Construction
  - Slough Construction Window 1
  - Slough Construction Window 2
  - Slough Construction Window 3
  - Project Close-out

Bid Period Open
March 2020

- Award Construction Contract
- Notice to Proceed
  - July 2020
- Ribbon Cutting Ceremony
  - May 2023

City of Foster City

Schaaf & Wheeler
Consulting Civil Engineers