

1. Roll Call

2. Public Comment Persons wishing to address the Board on District-related matters not on this Agenda may speak for up to two minutes; comments on Agenda items shall be heard during that item for up to two minutes.

3. Action to Set the Agenda and Approve the Consent Agenda

A. Approve the Minutes of the August 28, 2023 District Board meeting

4. Regular Business

A. Presentation by San Francisco International Airport on its Shoreline Protection Program

B. Authorize the CEO to execute an agreement with San Mateo County to receive a grant of \$1,750,000

5. Chair's Report *

6. CEO's Report * Update on State legislation and State ICARP grant, Washington DC meetings

7. Board Member Reports and Items for a Future Agenda *

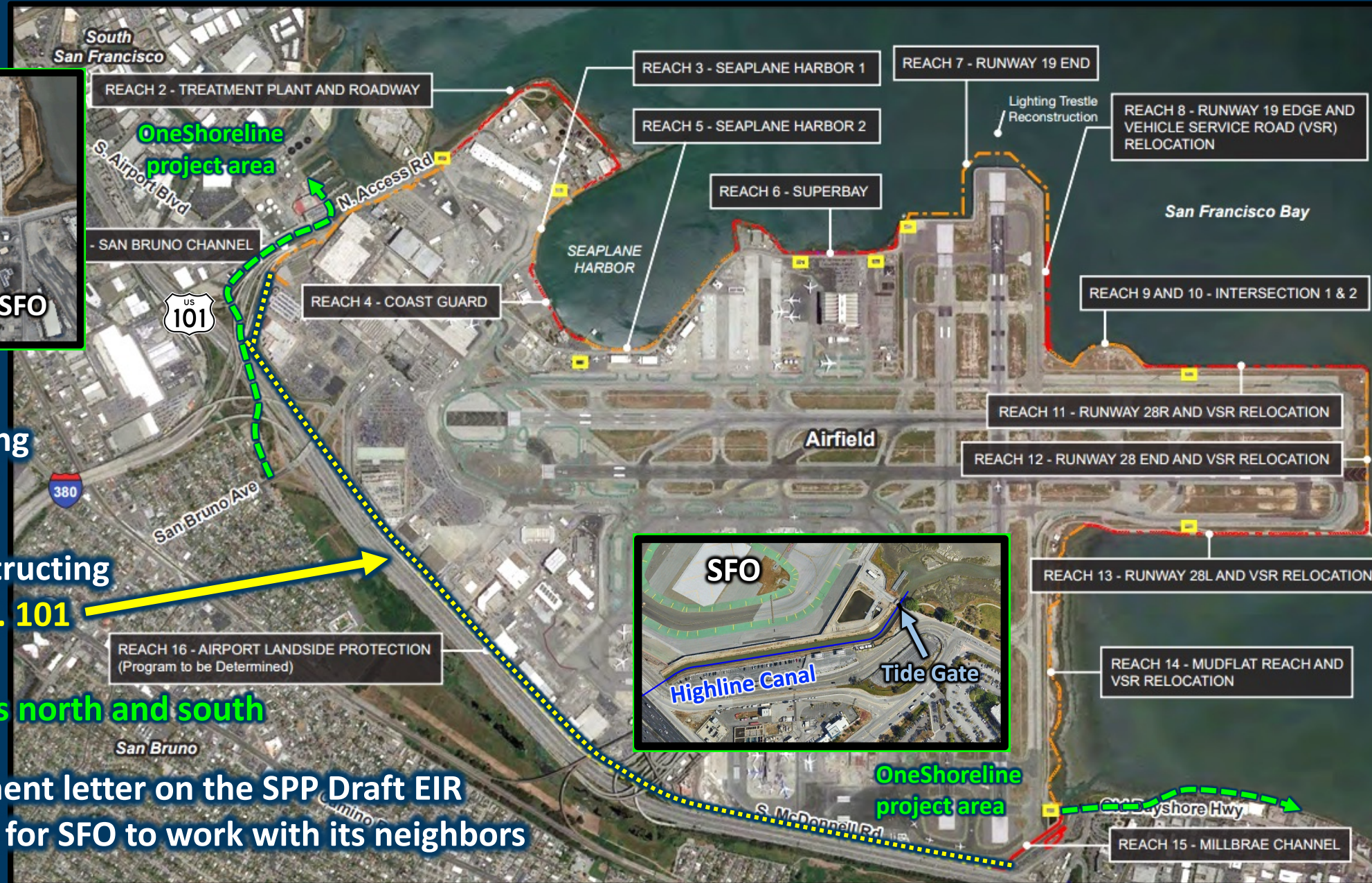
8. Adjournment

* There is no written staff report for this item

Board of Directors Meeting

San Mateo County Flood and Sea Level Rise Resiliency District

Agenda Item 4A: Presentation by SFO on its Shoreline Protection Program



- SFO is actively planning and designing its SPP
- SFO could avoid constructing protection along Hwy. 101 by connecting to OneShoreline projects north and south
- OneShoreline's comment letter on the SPP Draft EIR emphasized the need for SFO to work with its neighbors

SFO Shoreline Protection Program

Briefing for
OneShoreline Board Briefing
September 18, 2023

SAN FRANCISCO INTERNATIONAL

SFO

SFO - A Critical Regional & National Infrastructure

- Airport operations started 1927
- 2019 - 58 million passengers (2019)
- 46,000 employees (2019) – largest in San Mateo County
- \$ 8.4 billion in direct benefits
- \$ 62.5 billion benefits to region



Coast Guard Air Station San Francisco
(established 1941)

SFO Shoreline Protection Program - Reminder

SFO SPP is protecting the Airport against flooding from the bay:

- **Current flood risk from bay (FEMA)**
- **Future food risk from bay (Sea level rise)**

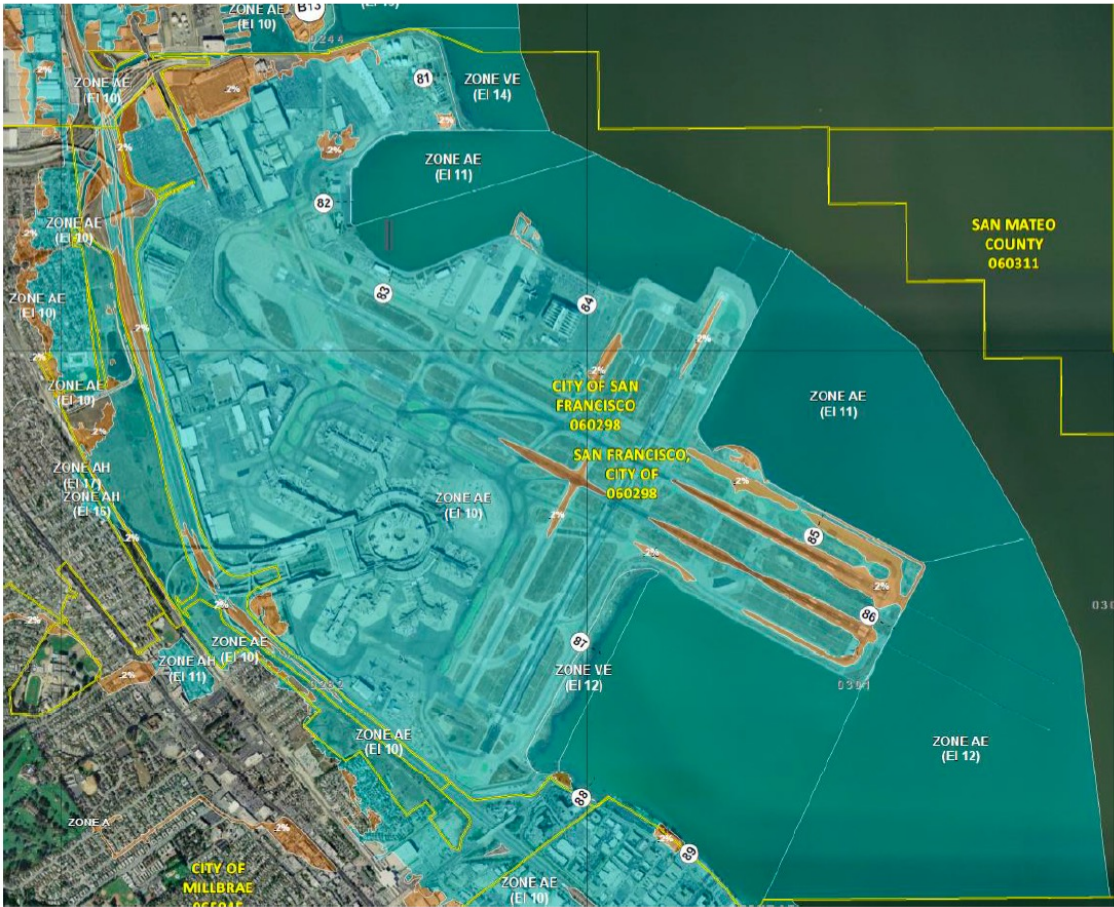


FEMA FIRM Map 2021

showing current flood risk from 100-year storm/flood event

SFO Current and Future Flood Risks

Current risk
FEMA Flood Insurance Rate Map (1% annual chance)



Looking at the future risk
NOAA Sea Level Rise Viewer (Sea-Level Rise)



FEMA started analysis in 2013. Final FIRM issued 2021

SFO Shoreline Protection Program (SPP) Objectives



1. Address current flood risk (FEMA FIRM Map)
2. Address future flood risk (SLR)
3. Maintain Airport Operations
4. Coordinate w/ OneShorline for continuity of SPP

SFO Shoreline Protection Program

Project

- 8 miles along the Bay
- Look to connect at the North and South with others
- Design Criteria: FEMA + SLR

Will address current and future flood risks:

- Protect against 100-year (1%) flood
- Protect against Future Sea Level Rise (3.5')

Will maintain Airport Operations:

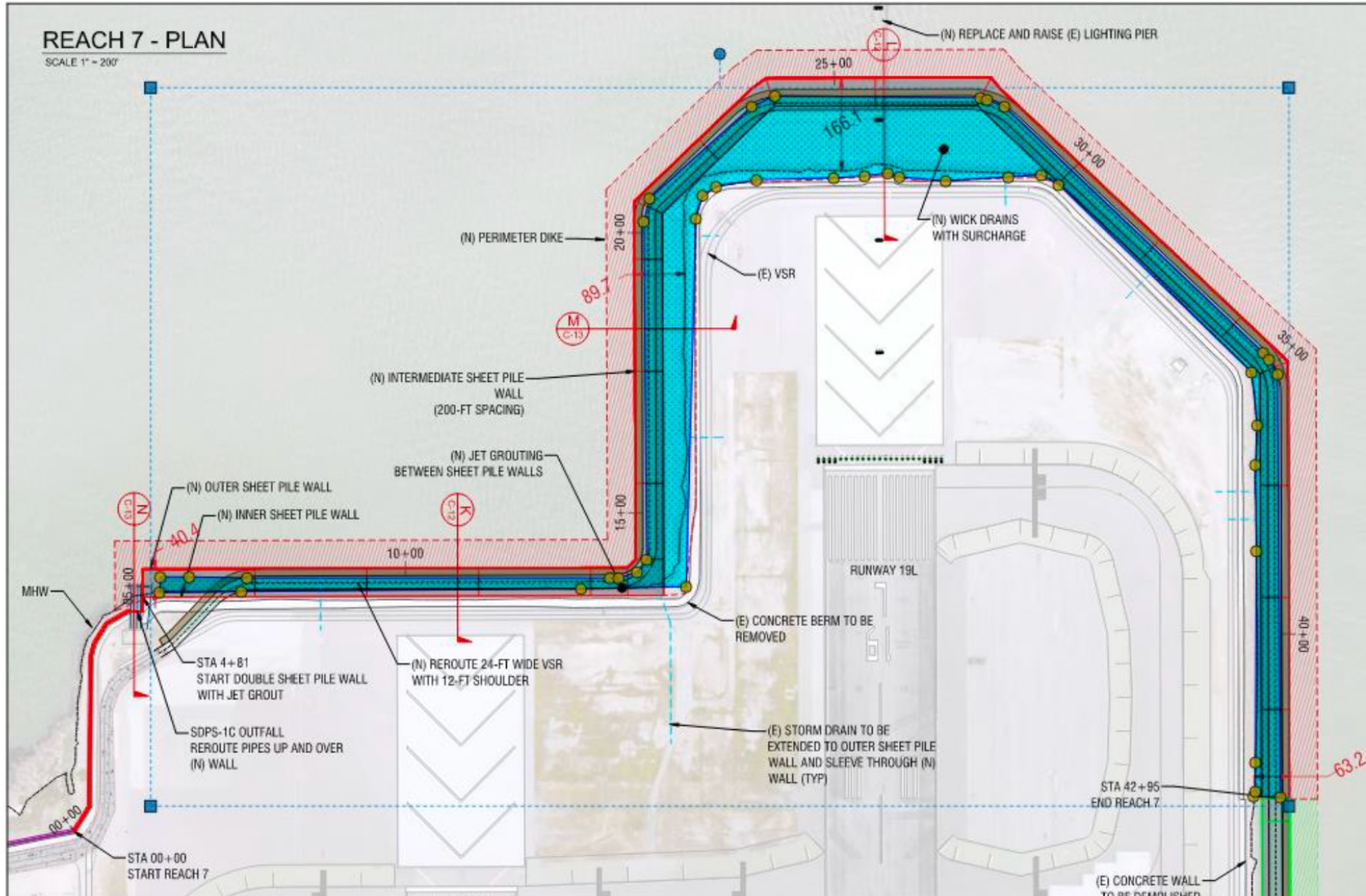
- Jobs and livelihood
- Major Transportation Hub (region)
- Vital economic engine for Bay Area

Project would not change:

- Aviation activity forecast
- Type of aircraft operating at SFO
- Number of aircraft operations
- Add airfield or airspace capacity

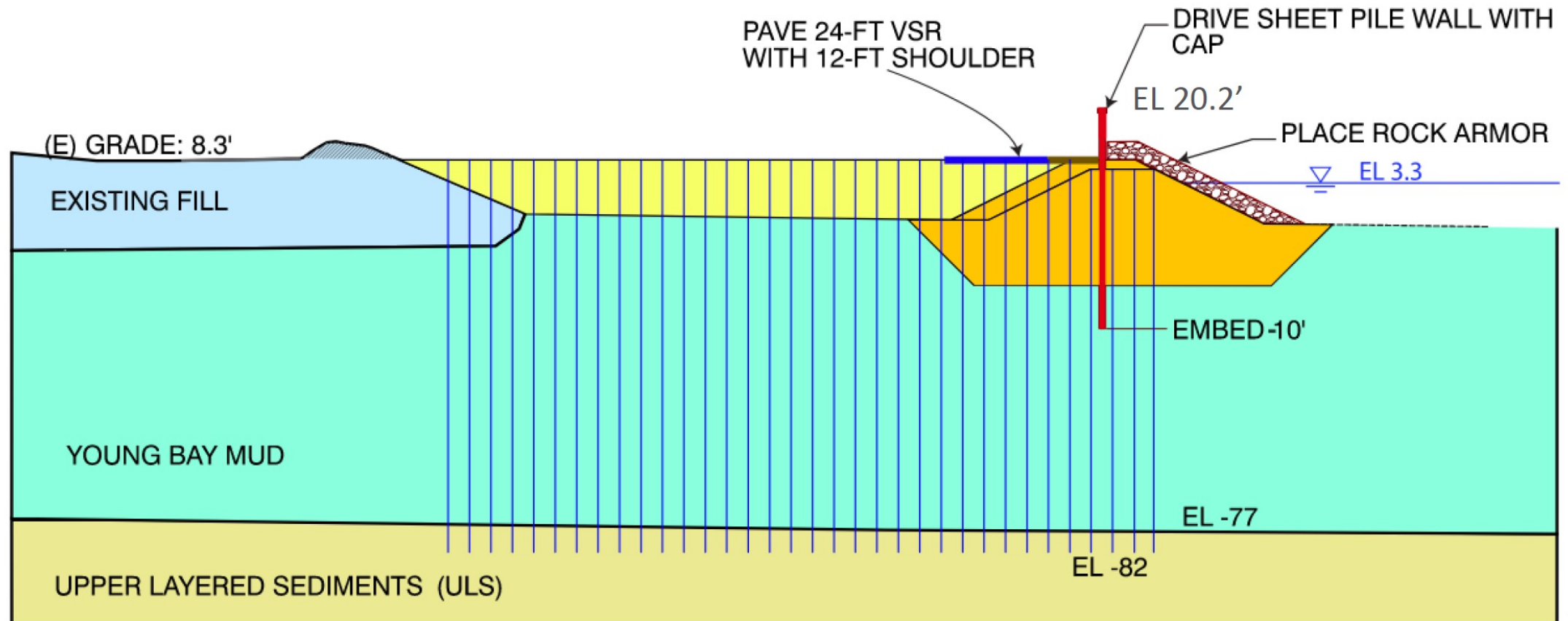


Reach 7 (Runways 19L/19R)

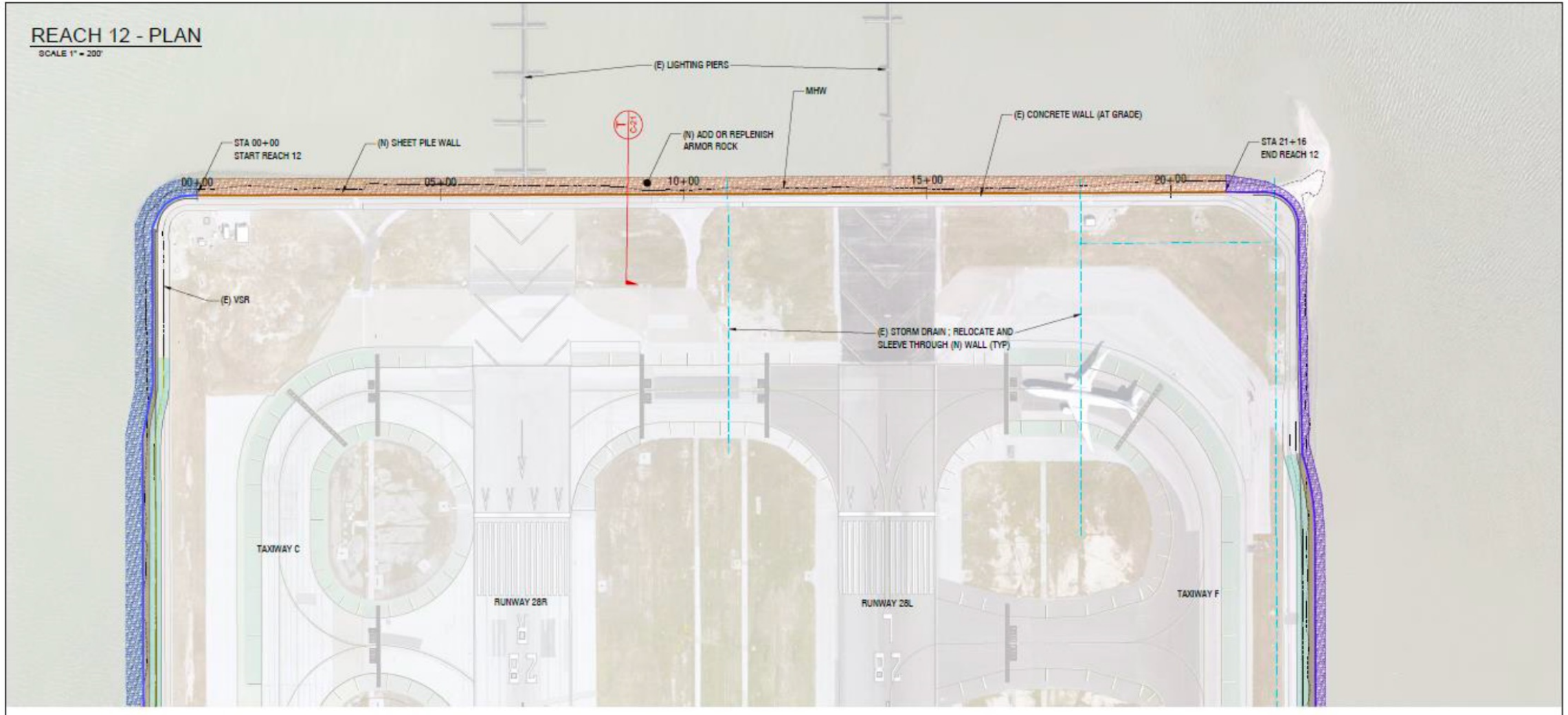


Reach 7 – Perimeter Dike Construction/Sheet Pile Wall

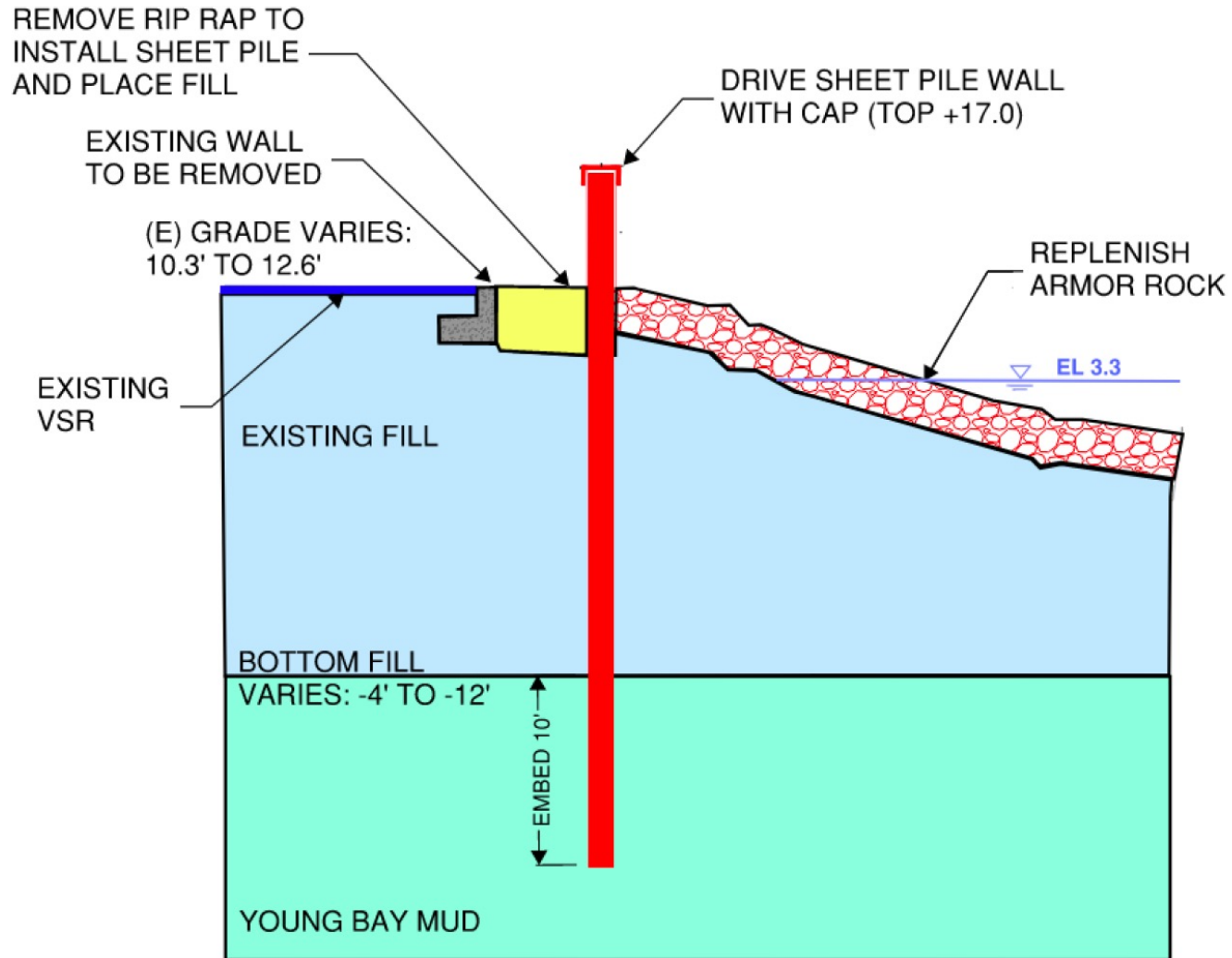
Similar section and construction to existing SFO shoreline



Reach 12 (Runways 28L/28R)

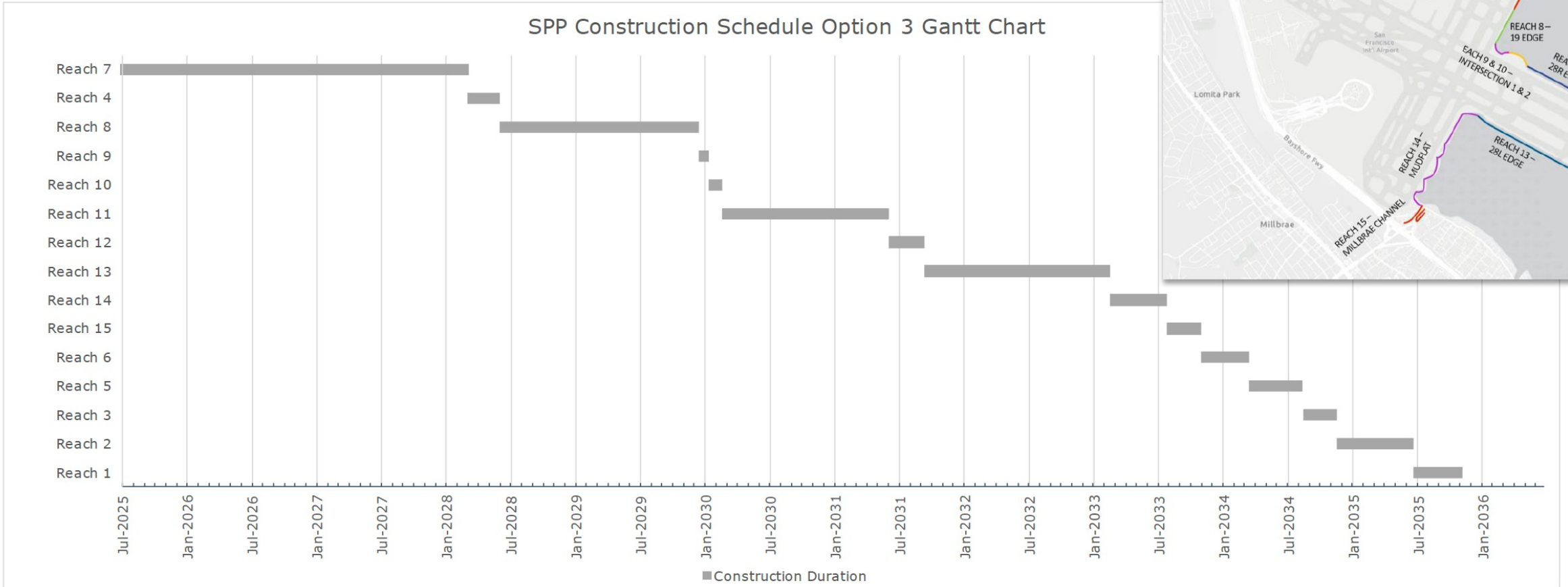


Reach 12 – New Sheet Pile Wall

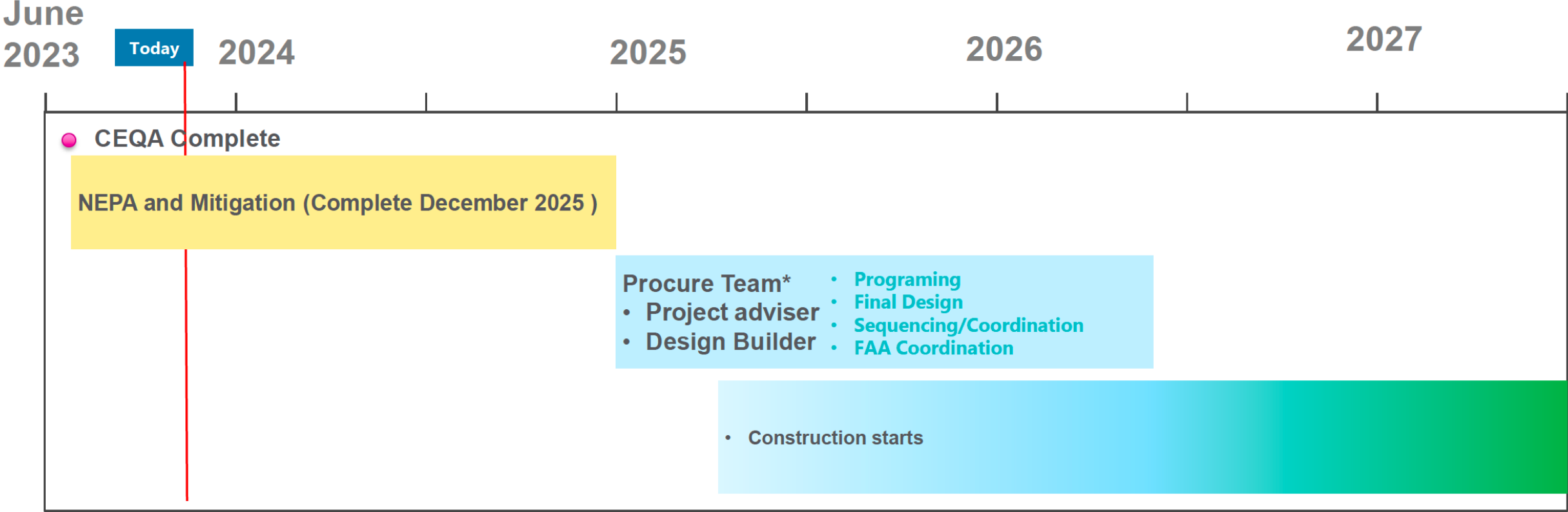


Phased construction sequence (proposed)

As presented for CEQA



Program Timeline - Lookahead



*Team procurement contingent upon program funding

- Fiscal Feasibility Report at \$587M (2019 dollars)
- Current estimate Project is \$800M to \$1B

For more information & future updates
SFO Shoreline Protection Program

Thank you



Agenda Item 4B:

Authorize the CEO to execute an agreement with San Mateo County to receive a grant of \$1,750,000

The most recent San Mateo County budget allocated \$1,750,000 in Measure K grant funds to OneShoreline. These funds would be transferred to OneShoreline in four payments of \$437,500 each, following receipt of invoices detailing work through June 30, 2025 to achieve milestones on the following efforts:

- Work with the cities of Brisbane, San Mateo, and Redwood City to address data gaps and conduct analysis for shoreline protection and enhancement.**
- Expand and maximize the benefits of the National Flood Insurance Program's Community Rating System program, which reduces the cost of flood insurance.**
- Complete a Planning Policy Guidance document for resilient public infrastructure in the Bay shoreline area to complement our recently-completed similar effort for private development.**

RECOMMENDATION: Authorize the CEO to enter into an Agreement with San Mateo County, subject to potential minor modifications agreed to by the CEO and OneShoreline legal counsel.

Agenda Item 6: CEO's Report

- **State government update**
 - **Senate Bill 104, the trailer bill to the FY2022-23 and FY2023-24 State Budgets, includes “\$1,000,000 to OneShoreline for water pump replacement and upgrades for mobile home parks.” This bill was signed by Governor Newsom on September 13, 2023.**
 - **Assembly Bill 970 establishes the Climate and Sustainability Insurance and Risk Reduction Program within the CA Department of Insurance (DOI). It specifies that the DOI shall work with 8 local jurisdictions throughout California, including OneShoreline, to develop pilot projects. This bill awaits the Governor's signature or veto.**
- **September 11-15 meetings in Washington, DC and Norfolk, VA**
- **Grant applications: ICARP**



Next Scheduled Board meeting

October 23, 2023 at 4:00 PM