



Board of Directors Meeting

San Mateo County Flood and Sea Level Rise Resiliency District

AGENDA

May 20, 2024

4:00 PM

- 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. Adopt Resolution 2024-05-20-A adopting Fiscal Year 2024-25 Water Pollution Control Service Charges Reports for Flood Zone One - Countywide, and Resolution 2024-05-20-B adopting Fiscal Year 2024-25 Water Pollution Control Service Charges Reports for Flood Zone Two - City of Pacifica
- 4. Regular Business**
 - A. Brief presentation by three 8th graders at the Synapse School in Menlo Park on their research into, and impressions of, the impacts of sea level rise along the Pacific Ocean and S.F. Bay shorelines of San Mateo County *
 - B. Authorize the CEO to execute Task Order Number 2 under the Master Service Agreement with Schaaf & Wheeler to work with state and federal regulatory agencies to determine the Least Environmentally Damaging Practicable Alternative (LEDPA) for the Millbrae and Burlingame Shoreline Area Protection and Enhancement Project
 - C. Authorize the CEO to execute a contract with Civic Edge Consulting to develop and support the implementation of an outreach plan for the Millbrae and Burlingame Shoreline Area Protection and Enhancement Project
 - D. Authorize the CEO to execute a contract with Stantec Consulting Engineers, Inc. to support the development of the *Planning Policy Guidance for Resilient Public Infrastructure in San Mateo County*
 - E. Discuss the Fiscal Year 2023-24 Operating Budget, Flood Zones Budget, and Capital Projects Budget, as well as the Draft Fiscal Year 2024-25 Operating Budget, Flood Zones Budget, and Capital Projects Budget
- 5. Chair's Report ***
- 6. CEO's Report ***
- 7. Board Member Reports and Items for a Future Agenda ***
- 8. Adjournment**

Agenda Item 3A

FY 2024-25 Water Pollution Control Service Charges Reports for Flood Zones 1 (countywide) and 2 (Pacifica)

OneShoreline inherited responsibility for water pollution control required by the federal National Pollutant Discharge Elimination System (NPDES). This is administered by the Regional Water Quality Control Board through a 5-year Municipal Regional Permit for two areas of the County: Zone 1 (Unincorporated areas and all cities except for Woodside and Pacifica) and Zone 2 (City of Pacifica).

OneShoreline is required to annually approve rates within these zones and file Charges Reports with the County Controller so that fees may be collected through property taxes.

Zone 1 Rates – Countywide

Parcel Description	Rate Established in 1995	Additional Fees (established in 2001)*	Total Combined (rounded to nearest cent)
Single Family Resident	\$3.44/Parcel	\$4.48/Parcel	\$7.92/Parcel
Condominium Units, Vacant Land, Agriculture, Misc.	\$1.72/Parcel	\$2.24/Parcel	\$3.96/Parcel
Commercial, Retail, Manufacturing, Industrial	\$3.44/Parcel plus 0.3127/1,000 s.f. for parcels over 11,000 s.f.	\$4.48/Parcel plus 0.4075/1,000 s.f. for parcels over 11,000 s.f.	\$7.92/Parcel plus 0.72/1,000 s.f. for parcels over 11,000 s.f.

Zone 2 Rates – Pacifica

Vacant	\$7.00
Single Family/Townhouse/Church/Condominium	\$14.00
All Other	\$28.00

- **The City/County Association of Governments (C/CAG) supports its member agencies' compliance with NPDES provisions by:**
 - **Performing countywide actions, such as water quality monitoring and outreach;**
 - **Contributing to regional programs when it is more cost-effective to implement efforts in conjunction with other countywide stormwater programs; and**
 - **Providing technical support for agencies implementing local stormwater compliance programs.**
- **Collected funds totaling about \$1.86M for Zone 1 and \$172K for Zone 2 will be provided to C/CAG for its work to implement the countywide Water Pollution Prevention Program.**

Resolutions 2024-05-20-A and 2024-05-20-B adopt the FY24-25 Charges Reports and direct staff to file these with the Controller.

Agenda Item 4A

Brief presentation by three 8th graders at the Synapse School in Menlo Park on their research into, and impressions of, the impacts of sea level rise along the Pacific Ocean and S.F. Bay shorelines of San Mateo County

- Science, Technology, Engineering, the Arts and Mathematics (STEAM) class unit on Climate Change taught every other year**
- Anne Chang, Middle School STEAM teacher**
- Three 8th Grade Students graduating in June from Synapse middle school**

Chian-Shin Du



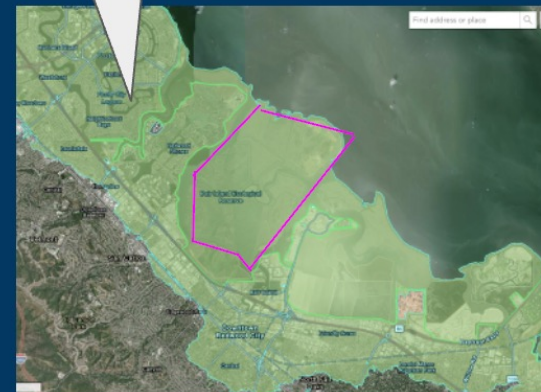
Sea Level Rise
Overlay District



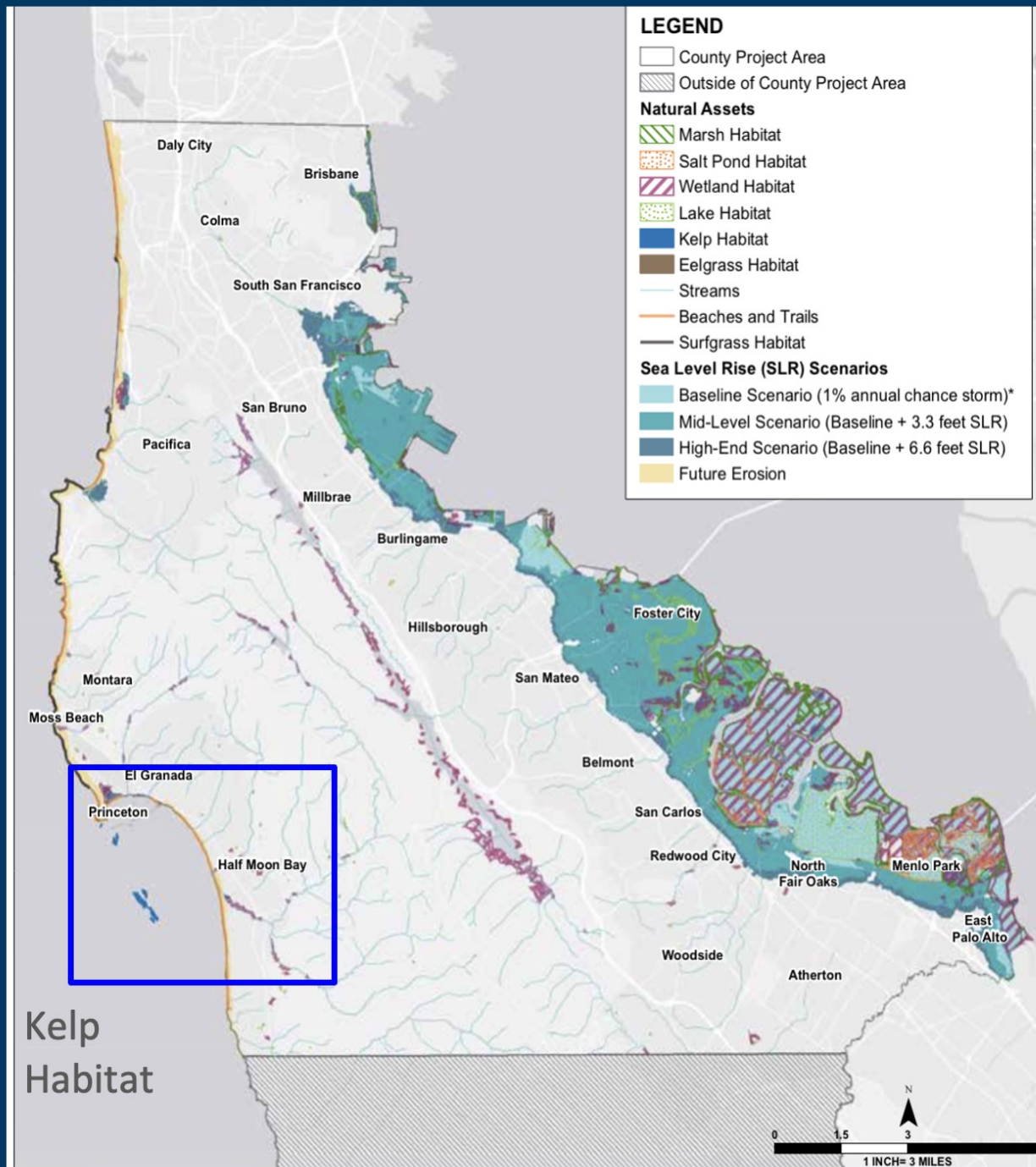
FEMA Special
Flood Hazard
Area



Shallow
Groundwater
Rise Overlay
District



Ari Oysgelt



Sybella John



COASTAL RISK SCREENING TOOL

LAND PROJECTED TO BE BELOW ANNUAL FLOOD LEVEL IN 2100

Explore sea level rise and coastal flood threats by adjusting the controls below.

[DETAILS AND LIMITATIONS](#)

YEAR: 2100

[CHANGE OTHER SETTINGS](#)

[Video Tutorial](#)

Legend:
■ Below annual flood level
— Levee

Agenda Item 4B

Authorize the CEO to execute Task Order 2 to the Master Service Agreement with Schaaf & Wheeler to work with regulatory agencies to determine the Least Environmentally Damaging Practicable Alternative (LEDPA) for the Millbrae and Burlingame Shoreline Area Protection and Enhancement Project

On March 28, 2022, the Board authorized the CEO to execute a Master Services Agreement and Task Order Number 1. CEO now seeks Board authorization to execute Task Order Number 2.

Master Service Agreement

- Not-to-exceed: \$10,145,000
- Includes tasks to complete:
 - 100% design
 - CEQA/NEPA & permits

Task Order Number 1

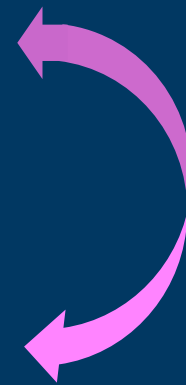
- Not-to-exceed \$3,665,000
- Includes tasks to complete:
 - Data collection
 - 30% design
 - Draft EIR for CEQA

Task Order Number 2

- Not-to-exceed \$150,000
- Includes tasks to complete:
 - Analysis to determine the LEDPA

A typical project process, and the one envisioned in OneShoreline's MSA and Task Order Number 1, follows these steps:

- 1. Identify a proposed project and prepare preliminary plans**
- 2. Conduct studies to assess the environmental impacts of the project alternatives**
- 3. Draft an EIR and certify a Final EIR in compliance with CEQA**
- 4. Apply for permits and demonstrate that the proposed project is the Least Environmentally Damaging Practicable Alternatives (LEDPA) in compliance with Section 404(b)(1) of the Clean Water Act as required for permits issued by the Army Corps of Engineers and State Water Resources Control Board.**



Given this Project's complexity, and comments received in response to our October 2023 Notice of Preparation of a Draft EIR, the District plans to complete the 404(b)(1) Alternatives Analysis to determine the LEDPA before beginning the EIR.

This alternatives analysis will be a helpful vehicle to accomplish the following critical objectives at this stage of Project development:

- Further develop the two fundamental alternatives for the Project (onshore and offshore) and any variations of these two fundamental alternatives**
- Collaborate early and often with regulatory agencies throughout the alternatives analysis**
- Identify the Project alternative that will avoid environmental impacts to the maximum practical extent and the Project objective of long-term climate resilience against sea level rise and extreme storms for developed, natural, and public access areas; and**
- Ensure that the District resources advance a Project that is determined to be the LEDPA.**

The financial costs associated with consultant support and District staff time for this Task Order are budgeted in the approved FY 2023-24 Budget and will be included in the FY 2024-25 Capital Projects Budget to be discussed in Agenda Item 4E at this Board meeting.

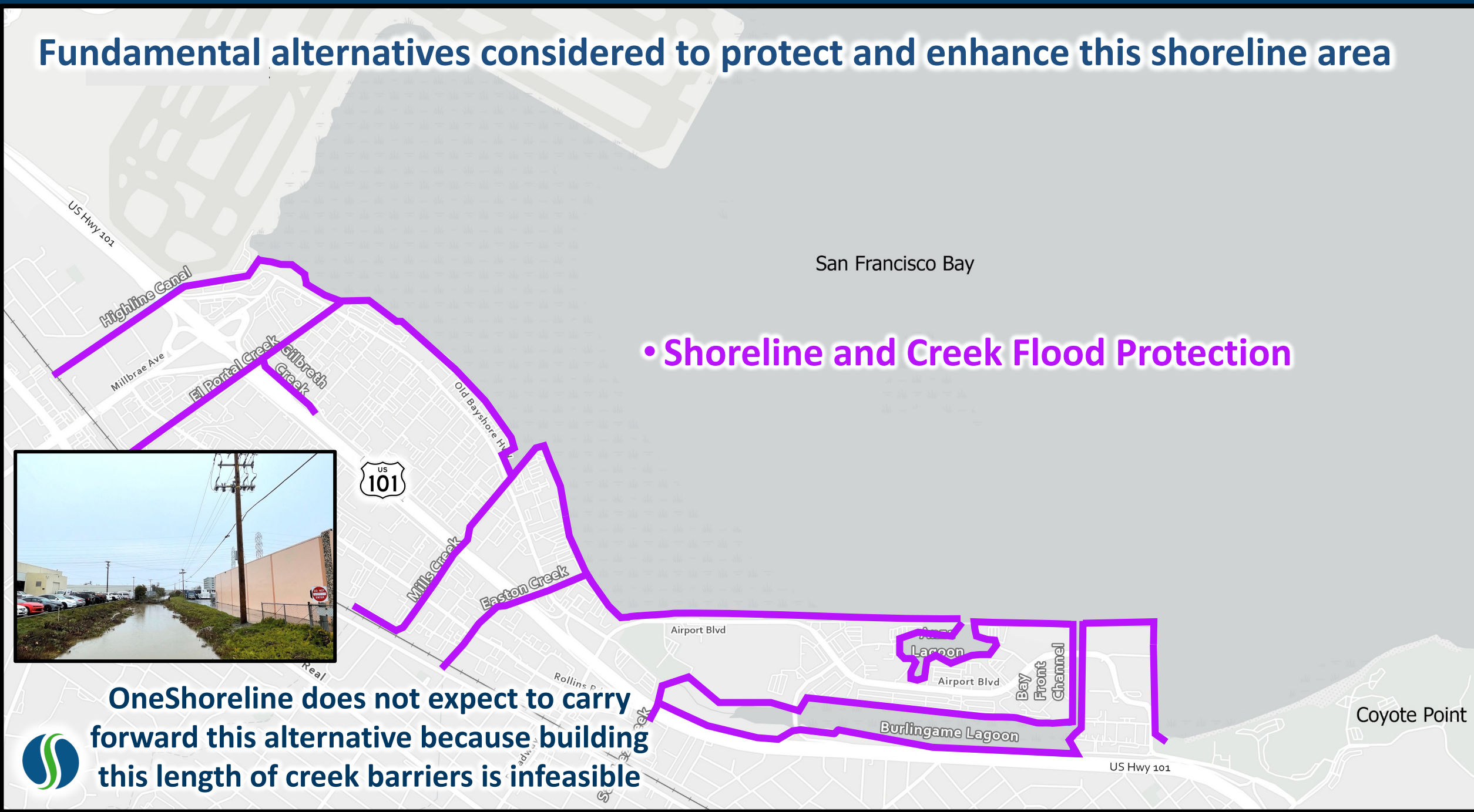
Fundamental alternatives considered to protect and enhance this shoreline area

San Francisco Bay

• Shoreline and Creek Flood Protection



OneShoreline does not expect to carry forward this alternative because building this length of creek barriers is infeasible



Fundamental alternatives considered to protect and enhance this shoreline area

- Offshore Wave Break
- Shoreline Flood Protection (Lower)
- New Pump Stations + Tide Gates

OneShoreline does not expect to carry this alternative forward because the benefits of an offshore wave break likely do not outweigh the impacts



Fundamental alternatives considered to protect and enhance this shoreline area

- Shoreline Flood Protection
- New Pump Stations + Tide Gates



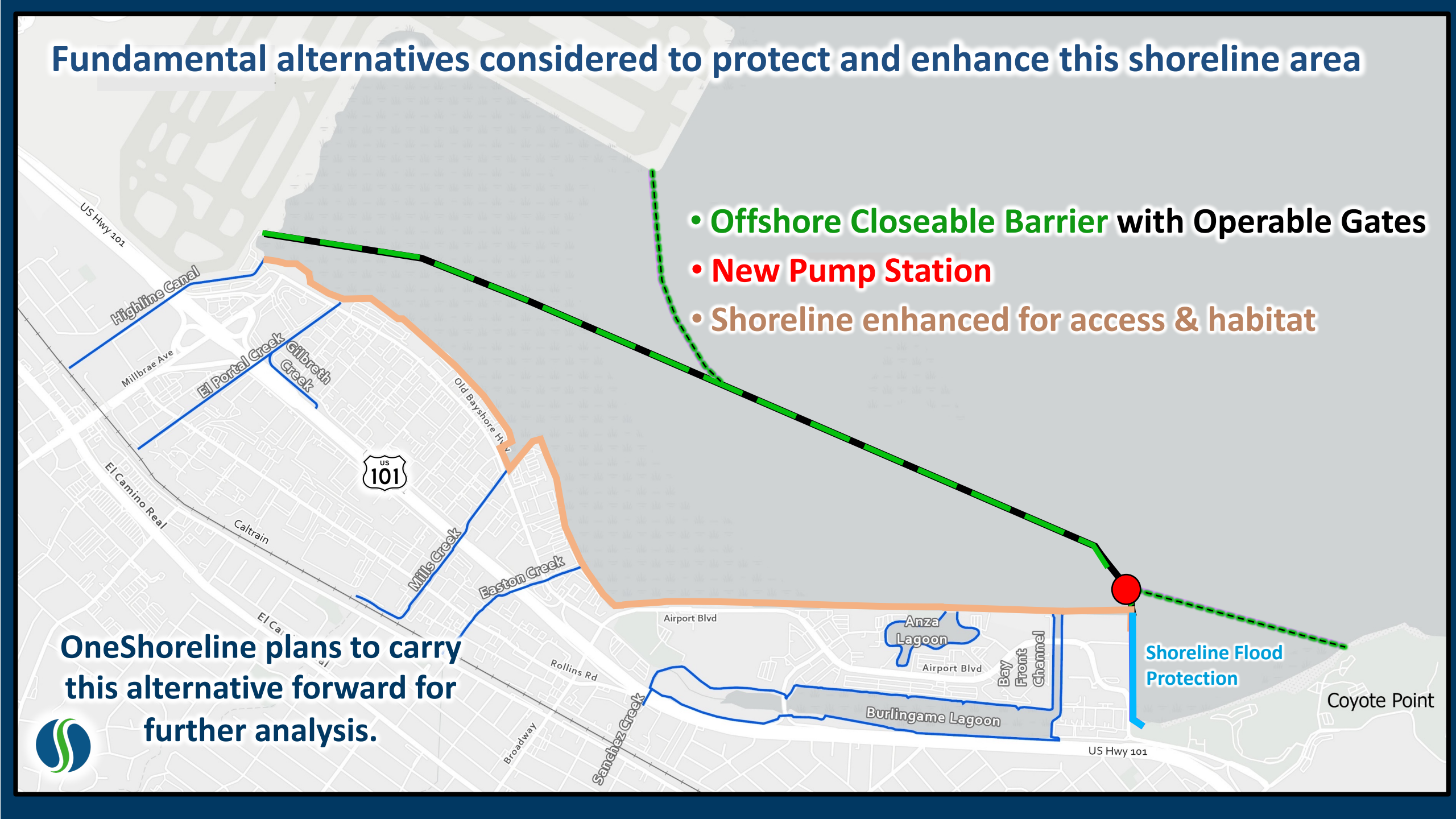
OneShoreline plans to carry this alternative forward for further analysis.



Fundamental alternatives considered to protect and enhance this shoreline area

- Offshore Closeable Barrier with Operable Gates
- New Pump Station
- Shoreline enhanced for access & habitat

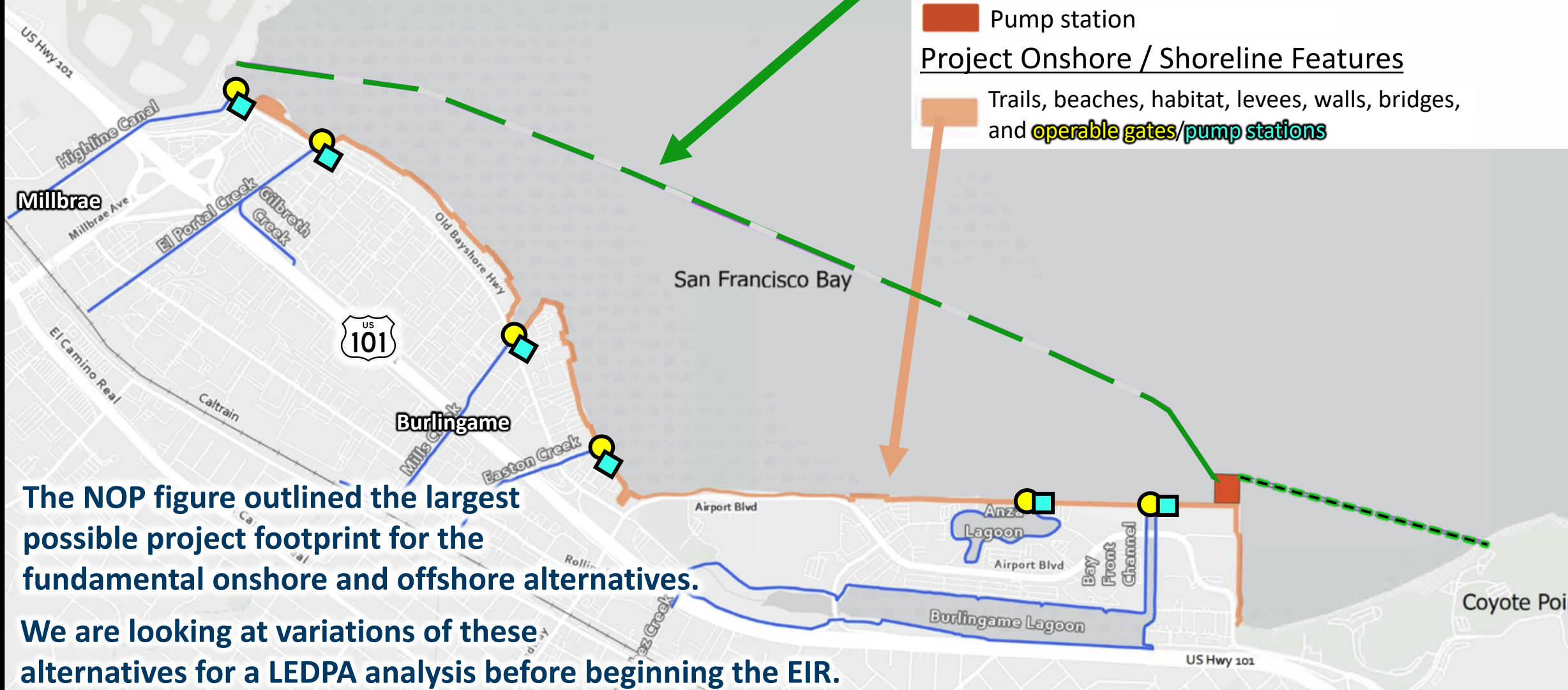
OneShoreline plans to carry this alternative forward for further analysis.



Two project alternatives are being analyzed

At this time, neither is preferred

- Existing creeks and lagoons
- Project Offshore Features
 - Offshore barrier with operable doors and habitat
 - Barrier extension to protect San Mateo (optional)
 - Pump station
- Project Onshore / Shoreline Features
 - Trails, beaches, habitat, levees, walls, bridges, and operable gates/pump stations



The NOP figure outlined the largest possible project footprint for the fundamental onshore and offshore alternatives.

We are looking at variations of these alternatives for a LEDPA analysis before beginning the EIR.

Examples of variations of the alternatives being explored in response to NOP Comments

- Operable gate
- Pump station
- ➔ Water flow underground
- Windsport launch

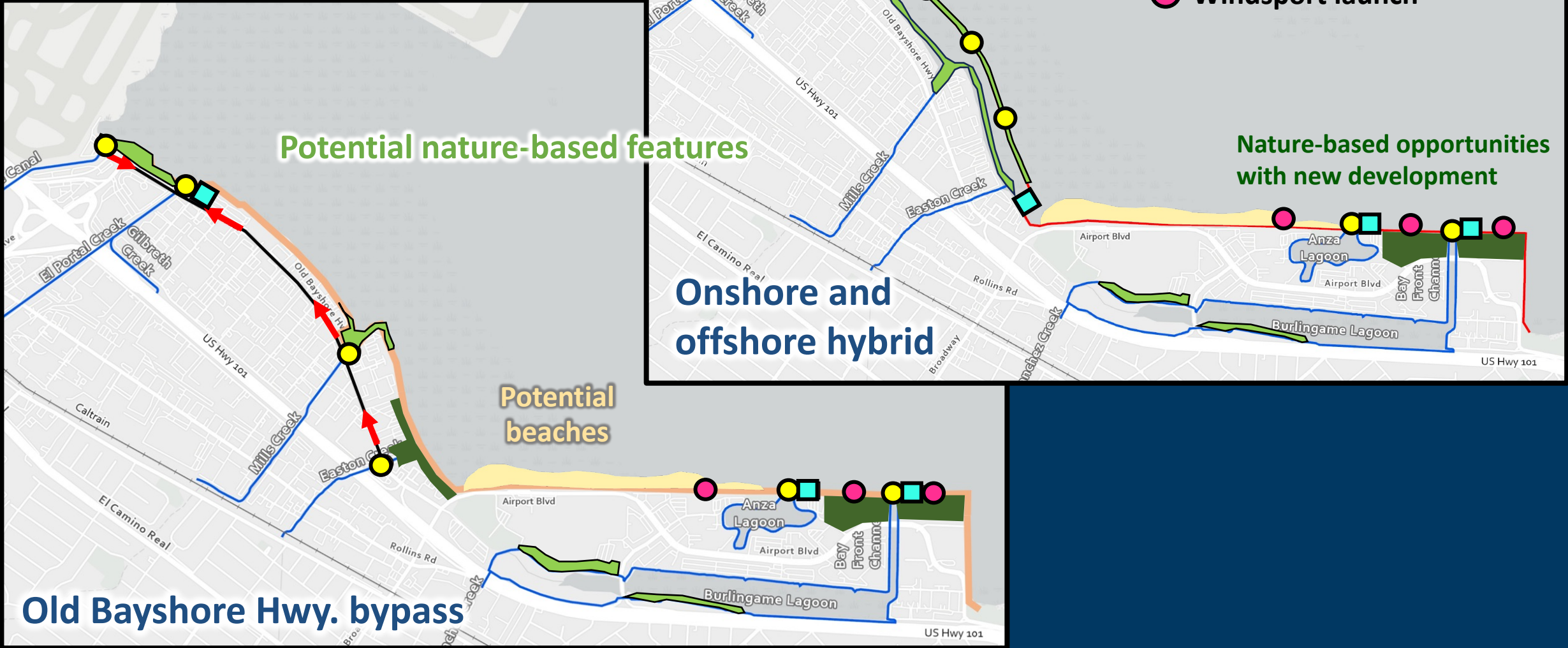
Potential nature-based features

Nature-based opportunities with new development

Onshore and offshore hybrid

Potential beaches

Old Bayshore Hwy. bypass



Agenda Item 4B – Millbrae and Burlingame Shoreline Area Protection and Enhancement Project

In January 2022, the OneShoreline Board authorized the use of up to \$4 million for the Project from an \$8 million grant from the State Coastal Conservancy.

\$8,000,000	Total SCC Grant
— \$4,000,000	Portion of SCC Grant allocated for OneShoreline operations
— \$3,665,000	Project Task Order 1 NTE (data, 30% design, Draft EIR)
— \$150,000	Project Task Order 2 NTE (LEDPA analysis)
— \$100,880	Project Outreach Contract NTE (Agenda Item 4C)
<hr/>	
\$84,120	<i>Remaining amount from SCC grant</i>
+ \$300,000	Project grant from FEMA (BRIC 2020) recently awarded
<hr/>	
\$384,120	<i>Of this amount, \$150K is needed for 4 years of OneShoreline staff time on the Project, leaving a \$234K contingency</i>

Agenda Item 4C

Authorize the CEO to execute a contract with Civic Edge Consulting to develop and support the implementation of an outreach plan for the Millbrae and Burlingame Shoreline Area Protection and Enhancement Project



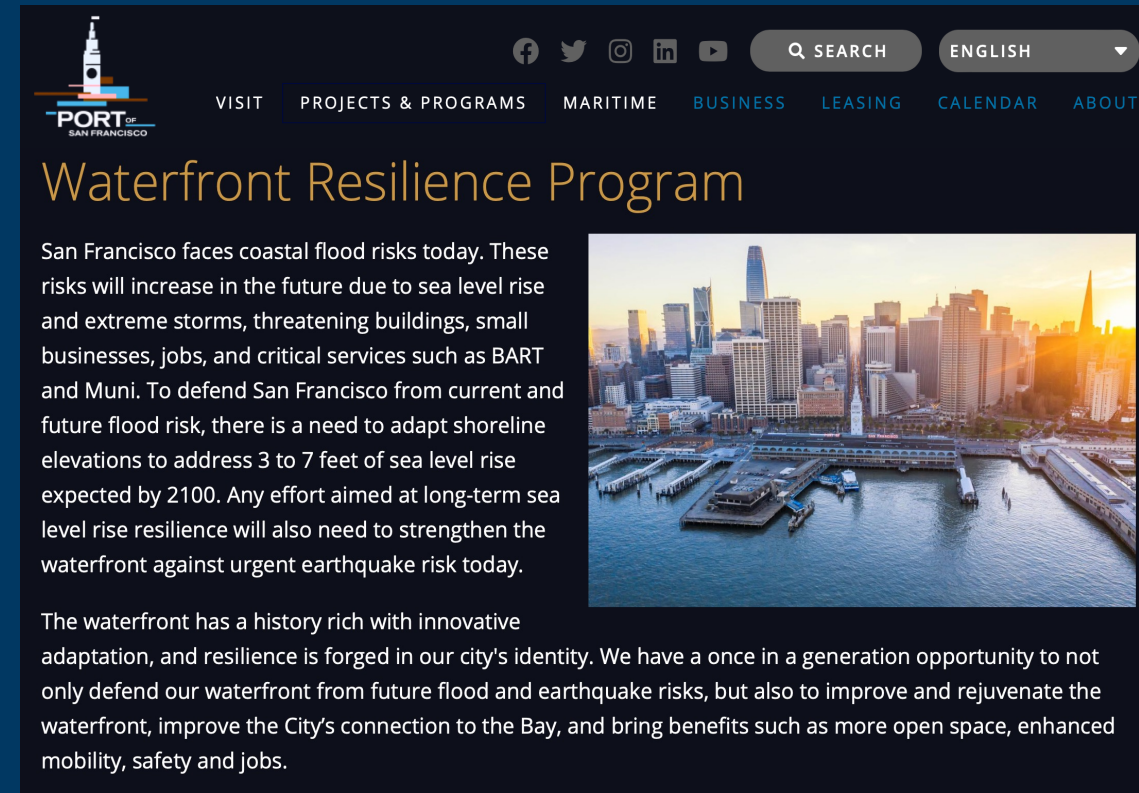
This extremely complicated and constrained project requires meaningful collaboration with many stakeholders. Comments received in response to the Notice of Preparation told us that a more defined and strategic outreach plan for the Project was important at this stage of Project development.

In April 2024, OneShoreline conducted an informal solicitation seeking a consultant to develop and support implementation of a Project outreach plan. OneShoreline selected Civic Edge based on the strength of proposal and experience of staff assigned to the effort.

Civic Edge would support OneShoreline with two primary tasks:

- Develop an outreach plan with input from the staff from the cities and State Coastal Conservancy (Project granting agency), and the District Board.
- Implement the outreach plan for residents and organizations, as well as visitors to this shoreline area. Tasks could include workshops outside the CEQA process.

As mentioned in Agenda Item 4B, this contract falls under the \$4 million in SCC funding for the Project authorized by the Board in January 2022.



The screenshot shows the top portion of the Port of San Francisco website. At the top left is the logo for the Port of San Francisco, featuring a lighthouse. To the right of the logo are social media icons for Facebook, Twitter, Instagram, LinkedIn, and YouTube. Further right is a search bar with the text 'SEARCH' and a language dropdown menu set to 'ENGLISH'. Below the navigation bar is a main heading 'Waterfront Resilience Program' in a large, orange font. To the left of the heading is a paragraph of text: 'San Francisco faces coastal flood risks today. These risks will increase in the future due to sea level rise and extreme storms, threatening buildings, small businesses, jobs, and critical services such as BART and Muni. To defend San Francisco from current and future flood risk, there is a need to adapt shoreline elevations to address 3 to 7 feet of sea level rise expected by 2100. Any effort aimed at long-term sea level rise resilience will also need to strengthen the waterfront against urgent earthquake risk today.' To the right of this text is a photograph of the San Francisco waterfront at sunset, showing the city skyline and the water. Below the photograph is another paragraph of text: 'The waterfront has a history rich with innovative adaptation, and resilience is forged in our city's identity. We have a once in a generation opportunity to not only defend our waterfront from future flood and earthquake risks, but also to improve and rejuvenate the waterfront, improve the City's connection to the Bay, and bring benefits such as more open space, enhanced mobility, safety and jobs.'

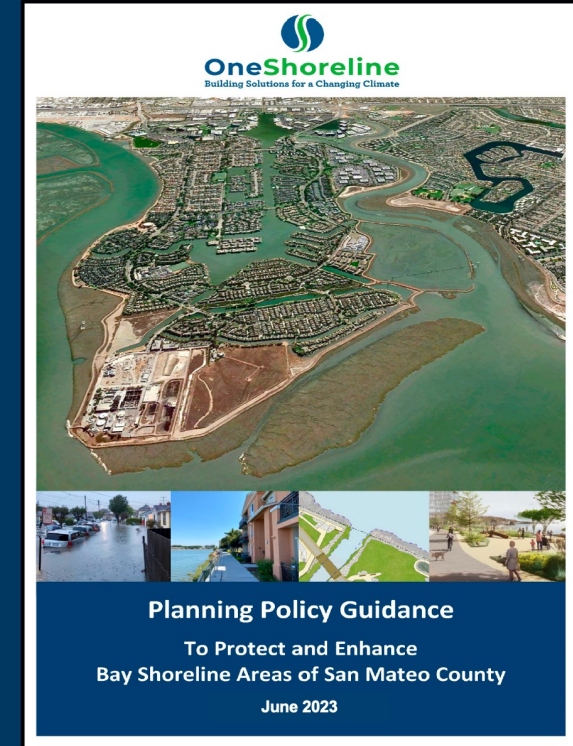
Agenda Item 4D

Contract with Stantec Consulting Engineers to develop Planning Policy Guidance for Resilient Public Infrastructure

In June 2023, OneShoreline adopted Planning Policy Guidance to make private development resilient to future conditions. Now, we are developing new *Planning Policy Guidance for Resilient Public Infrastructure*.

In January, we released an RFP to develop guidance for these asset types: buildings and facilities, stormwater conveyance and retention systems, wastewater and water recycling systems, roadways, communications and electric/gas utilities, and parks and natural infrastructure.

Proposed fees exceeded our budget, so we plan to focus on these asset types:



[OneShoreline.org/Planning-Guidance](https://OnShoreline.org/Planning-Guidance)

With a not-to-exceed amount of \$200,000, Stantec will support OneShoreline on the following tasks:

Project Management and Internal Communications

Prepare Work Plan, Prepare Invoices, Project Management Meetings
Asset Advisory Groups
Stormwater Advisory Group
Roadways AAG
Wastewater AAG
QA/QC

Existing Document, Policy, and Process Review

Guidance Document Preparation

Administrative Draft
Public Draft
Final Draft

Post-Publication Communications (Optional)

Presentations
Capacity Building

Coordinate with local agency staff advising the project on stormwater, roads, and wastewater

Identify existing resources that jurisdictions and others use to plan and design infrastructure:

- Governing Body Resolutions
- Jurisdiction-Wide Plans and Programs: General and Specific Plans, LCP Updates, CIP, LHMPs, Sewer and Stormwater Master Plans, Streetscape Plans
- Ordinances : Building & Municipal Code, Zoning
- Technical Docs: Design or O&M Manuals, Standard Engineering Details and Specifications

Includes template language for priority resources out of the list above

This contract will be largely covered by a Measure K grant from San Mateo County, supplemented by SCC funds.

Agenda item 4E

OPERATING BUDGET: Estimated Multi-Year Reserves Balance

	Proposed Budget					
	FY2023-24	FY2024-25	FY2025-26	FY2026-27	FY2027-28	FY2028-29
	7/1/24	7/1/25	7/1/26	7/1/27	7/1/28	7/1/29
Income:						
SMC + Cities	\$0	\$0	\$0	\$0	\$0	\$0
SMC Meas. K	\$1,175,000	\$875,000	\$0	\$0	\$0	\$0
SMC Emerg. Declar.	\$0	\$0	\$25,000	\$0	\$0	\$0
Other Income *	\$1,975,616	\$1,798,551	\$250,000	\$250,000	\$0	\$0
	<u>\$3,150,616</u>	<u>\$2,673,551</u>	<u>\$275,000</u>	<u>\$250,000</u>	<u>\$0</u>	<u>\$0</u>
Expenditures:						
Operating Expenses	\$1,472,866	\$2,377,862	\$2,246,755	\$2,359,093	\$2,477,047	\$2,600,900
	<u>\$1,472,866</u>	<u>\$2,377,862</u>	<u>\$2,246,755</u>	<u>\$2,359,093</u>	<u>\$2,477,047</u>	<u>\$2,600,900</u>
Reserves	\$4,541,508	\$4,837,197	\$2,865,442	\$756,350	(\$1,720,697)	(\$4,321,597)

* State grants and investment income

After FY24-25, 5% annual increase in expenses assumed

Currently known Operating revenue is expected to run out approximately 7/1/27, and reserves run out 11/1/27

OPERATING BUDGET: FY23-24 Approved and Estimated Year-End, and FY24-25 Draft

Budget item	Approved FY2023-24	Estimated Year-End FY2023-24	DRAFT FY2024-25
Revenue	\$3,296,805	\$3,150,616	\$2,673,551
Expenses – Net Personnel	\$954,969	\$786,117	\$1,171,604
Expenses – Net Operations & Support	\$905,083	\$686,750	\$1,206,258
Total Expenses	\$1,860,052	\$1,472,866	\$2,377,862
End of FY Balance i.e. Reserves	\$4,580,987	\$4,541,508	\$4,837,197

FLOOD ZONES BUDGET: FY23-24 Approved and Estimated Year-End, and FY24-25 Draft









Budget item	COLMA Approved FY23-24	COLMA Estimated FY23-24 Year-End	COLMA Draft FY24-25	SAN BRUNO Approved FY23-24	SAN BRUNO Estimated FY23-24 Year-End	SAN BRUNO Draft FY24-25	SAN FRANCISQUITO Approved FY23-24	SAN FRANCISQUITO Estimated FY23-24 Year-End	SAN FRANCISQUITO Draft FY24-25
Revenue	\$5,369,578	\$6,771,213	\$5,636,894	\$429,475	\$550,585	\$462,650	\$475,685	\$540,359	\$476,287
Expenses	\$3,901,025	\$2,351,085	\$3,274,735	\$568,449	\$436,085	\$797,399	\$482,223	\$476,699	\$421,812
End of FY Balance (reserves)	\$34,234,952	\$39,283,842	\$41,646,001	\$3,398,733	\$3,444,334	\$3,109,585	\$1,133,008	\$1,377,142	\$1,431,616

CAPITAL PROJECTS BUDGET: FY2023-24 Estimated Year-End, FY2024-25 Draft

Bayfront Canal & Atherton Channel Project (BCACP)

Millbrae-Burlingame Project (M-B)

Flood Early Warning System (FEWS)

Budget item	FY23-24 Estimated Year-End	Draft FY24-25	Remaining available funds
Revenue	BCACP – \$469,145 M-B – \$287,540	 BCACP – \$4,000 M-B – \$1,506,138 FEWS – \$102,000 Total – \$1,612,138	
Expenses (Capital Outlay)	BCACP – \$240,117 M-B – \$287,540	 BCACP – \$78,560 M-B – \$1,506,138 FEWS – \$60,000 Total – \$1,644,698	
Year End Balance	 BCACP – \$229,028  M-B – \$0	 BCACP – (\$74,560) M-B – \$0 FEWS – \$42,000 Total – (\$32,560)	 BCACP – \$154,468  M-B – \$732,301  FEWS – \$42,000 Total – \$928,769



Next Scheduled Board meeting

June 24, 2024 at 4:00 PM