

Board of Directors Meeting

San Mateo County Flood and Sea Level Rise Resiliency District

AGENDA

February 23, 2026

4:00 PM

1. **Roll Call**
2. **Public Comment** Persons wishing to address the Board on District-related matters not on this Agenda, as well as items listed under Action to Approve the Consent 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 January 26, 2026 OneShoreline Board meeting
4. **Regular Business**
 - A. Adopt Resolution No. 2026-02-23 in support of a OneShoreline application to the California State Parks Division of Boating and Waterways to fund the City of Pacifica Beach Boulevard Offshore Artificial Reef Study
 - B. Receive an update on OneShoreline's *Guidance for Resilient Public Infrastructure in San Mateo County*, the first iteration of which provides planning, design, and policy recommendations for stormwater systems, roads, and wastewater and water recycling systems based on an updated understanding of climate impacts
 - C. Authorize the CEO to execute Amendment 2 to an Agreement with Stantec Consulting Engineers, Inc. to develop the *Guidance for Resilient Public Infrastructure in San Mateo County*
5. **Chair's Report ***
6. **CEO's Report ***
7. **Board Member Reports and Items for a Future Agenda ***
8. **Adjournment**

Agenda Item 4A: Adopt Resolution No. 2026-02-23 supporting an application to the CA State Parks Division of Boating and Waterways for the Pacifica Beach Boulevard Offshore Artificial Reef Study

Pacifica faces very significant coastal erosion challenges, including along Beach Boulevard, where sea level rise and more intense storms cause wave overtopping that threatens homes, businesses, utilities, the coastal trail, and public infrastructure, including the pier.

The City has been working on a Beach Boulevard Infrastructure Resiliency Project to replace existing seawalls, restore beaches, and improve public access.

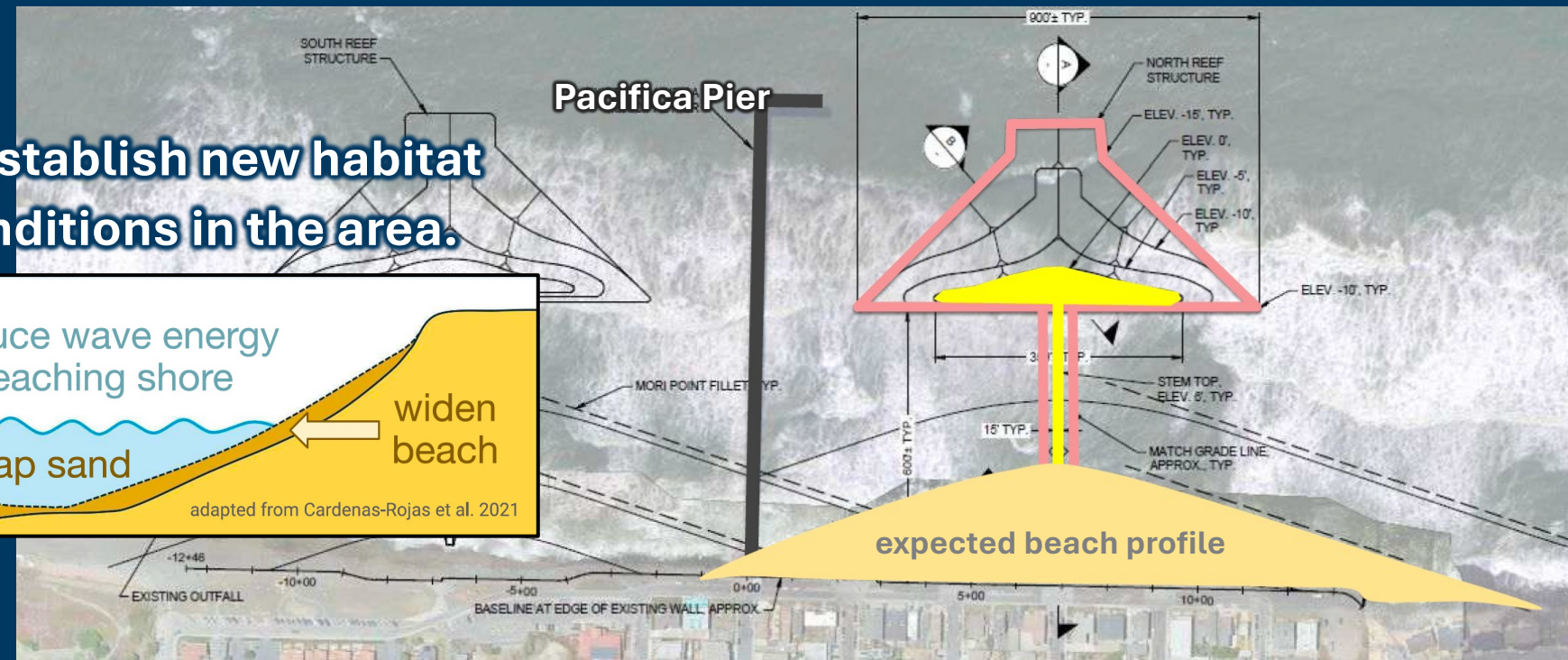
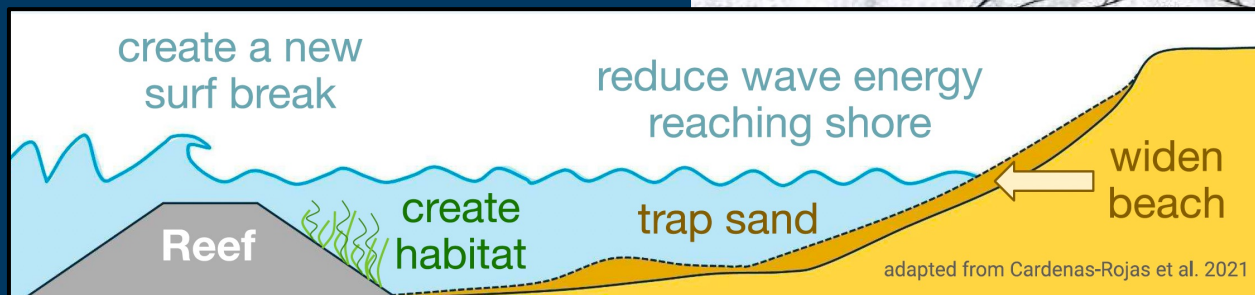


However, seawalls can lead to the loss of sand and beach, which would require the City to conduct costly beach nourishment efforts on an ongoing basis.

A group of local citizens with expertise in coastal projects has proposed that the City study creating an offshore artificial reef to dissipate wave energy, reduce erosion and retain sand on the beach, and improve surfing conditions.

Initial focus: one reef north of Pacifica Pier

The reef could help to establish new habitat and improve surfing conditions in the area.



The City of Pacifica asked OneShoreline to support this work by seeking grant funds to study it further.

On February 2nd, OneShoreline submitted a grant application to CA State Parks Division of Boating and Waterways Shoreline Erosion Control Grant Program. OneShoreline requested \$75,000, representing the maximum allowable percentage (50%) of the total project cost (\$150,000), to study the feasibility and efficacy of an offshore artificial reef north of the Pacifica Pier.

OneShoreline's key partners on the project include:

- UC Santa Cruz Center for Coastal Climate Resilience researchers will perform the technical analyses
- City of Pacifica will review the technical materials and support local community outreach



Scenic Pacifica
Incorporated Nov. 22, 1957

CITY OF PACIFICA

170 Santa Maria Avenue • Pacifica, California 94044-2506
www.cityofpacifica.org

MAYOR
Christine Boles

VICE MAYOR
Greg Wright

COUNCIL
Sue Beckmeyer
Mary Bier
Mayra Espinosa

February 4, 2026

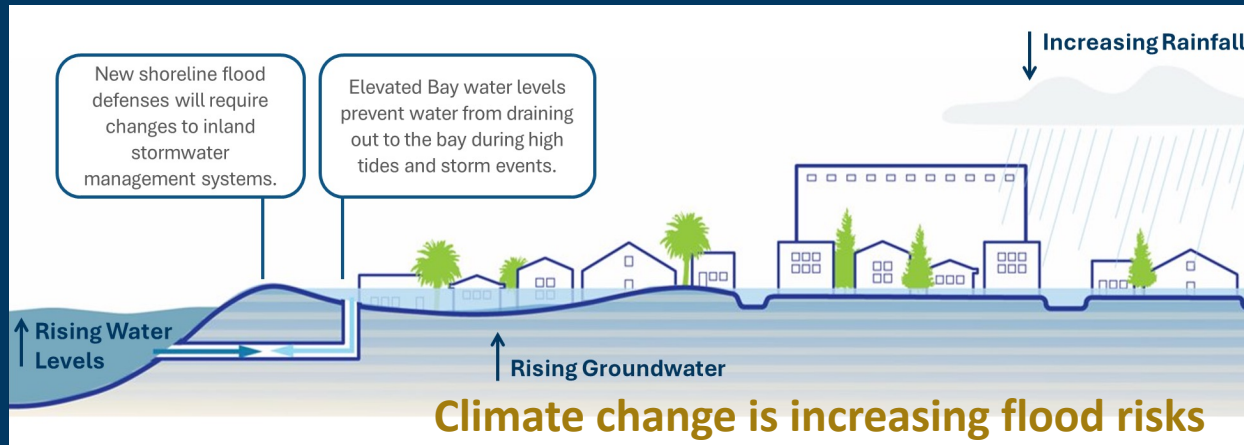
Casey Caldwell, Program Lead
California State Parks, Division of Boating and Waterways
Coastal Erosion Control Programs

Subject: Support for OneShoreline's application to the FY27-28 Shoreline Erosion Control Program

The City Council of the City of Pacifica writes to express its strong support for the application submitted by the San Mateo County Flood and Sea Level Rise Resiliency District (OneShoreline) to the Division of Boating and Waterways' FY27-28 Shoreline Erosion Control Program. The proposed study, led by OneShoreline, would evaluate the concept-level feasibility of an offshore artificial reef as a complementary strategy to the City's Beach Boulevard Infrastructure Resiliency Project.

Pacifica continues to experience severe and worsening coastal erosion that threatens homes and businesses, public infrastructure, underground utilities, and public access along Beach Boulevard, a critical corridor for the community. Overtopping of Beach Boulevard from storm-driven wave runup is occurring with increasing frequency, placing residents, visitors, and emergency responders at risk.

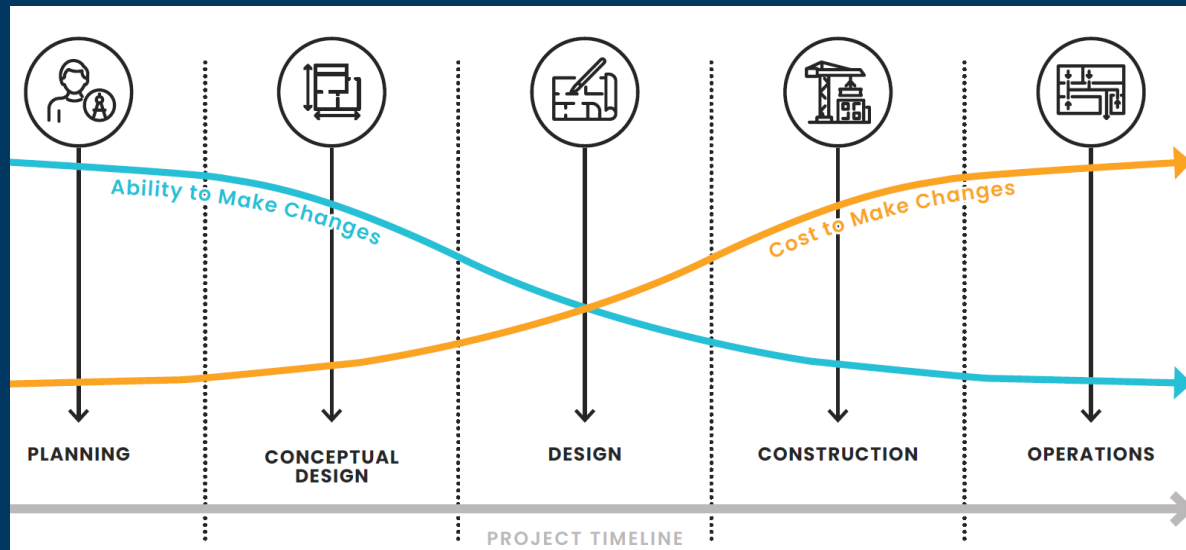
Agenda Item 4B: Guidance for Resilient Public Infrastructure



In May 2024, OneShoreline engaged Stantec and its subconsultants Lotus Water and Pathways Climate Institute to develop guidance that addresses three high-priority asset types:

- stormwater conveyance and retention systems
- roadways
- wastewater and water recycling systems

Helping to guide this effort is an Asset Advisory Group



North

- Brisbane
- Burlingame
- Millbrae
- San Bruno
- South San Francisco

South

- East Palo Alto
- Menlo Park
- Redwood City
- Silicon Valley Clean Water

Central

- Belmont
- Foster City
- San Mateo

Coastal

- Half Moon Bay Resource Conservation District

Countywide

- County Planning Dept.
- County Public Works Dept.
- County Sustainability Dept.
- Countywide Water Pollution Prevention Program
- Caltrans
- BACWA

Public Infrastructure Guidance

Key Concepts

Plan and Design for Future Conditions, Not the Past

Take a Risk-Based Approach

Plan for Equity

Use Adaptation Pathways & Address Compound Hazards

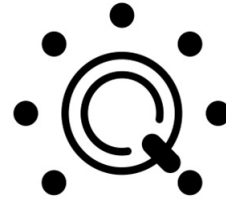
Integrate Climate into Capital Improvement Programs

Align with Regional and State Policies

Communicate Residual Risk Transparently

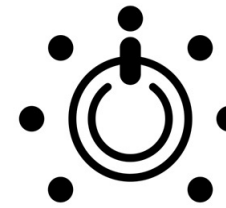
Strengthen Operational and Emergency Alignment

Three “dials” for resilient infrastructure design



Planning Horizon

What time frame are we designing for?



Climate Scenarios

What climate scenario should we select?



Level of Service (Design Criteria)

What design criteria can the project satisfy? What residual risk can the system tolerate?

Example of rainfall “scaling” for climate change

HISTORICAL STANDARD

4.7”

25-year, 24-hr storm

Based on NOAA Atlas 14



+20.9%
Scaling

CLIMATE-ADJUSTED

5.7”

25-year, 24-hr storm

Adjusted for 2080

Next Steps for the Public Infrastructure Guidance

March 2026

Administrative Draft review by the AAG and other agency peer reviewers for technical feedback and refinement

June 2026

Release of Public Draft for broader stakeholder review and public comment

Fall 2026

Board will consider adopting the Public Infrastructure Guidance

Agenda Item 4C: Authorize the CEO to execute Amendment 2 with Stantec Consulting Engineers, Inc. to develop the *Guidance for Resilient Public Infrastructure in San Mateo County*

The original Agreement ran through December 31, 2025 with a not-to-exceed amount of \$200,000.

Amendment 1, executed effective January 13, 2026, extended the contract term through June 30, 2026 at no additional cost to allow for the completion of work already underway.

Proposed Amendment 2 will add to the scope of work, extend the contract term to November 1, 2026, and increase the not-to-exceed amount to complete the additional scope.

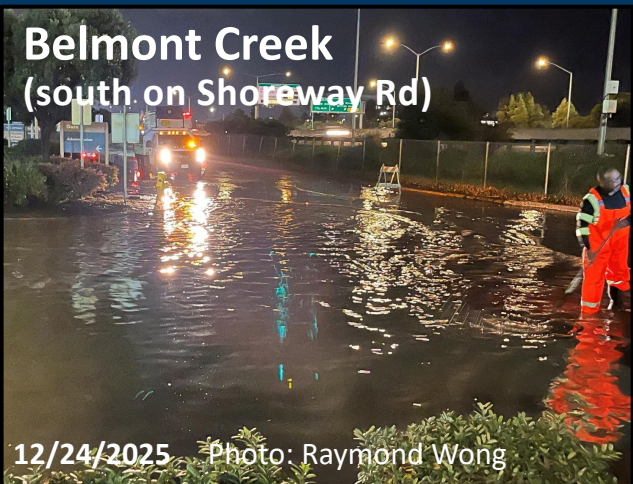
New scope items in Amendment 2:

- **Develop design storm scaling factors based on the California Fifth Climate Assessment**
- **Add a dedicated chapter on applying the Guidance to watershed, park, open space, and transportation-related plans.**
- **Create a process checklist and worked examples.**

Original Budget	\$200,000
Amendment 2 Amount	\$90,000
Amended Not-to-Exceed Amount	\$290,000

Agenda item 6 CEO'S Report Storms and King Tides in the past two months

Belmont Creek
(south on Shoreway Rd)



12/24/2025 Photo: Raymond Wong

Daly City



12/25/2025

NBC BAY AREA
5:01 52°



Burlingame
shoreline area

1/3/2026

Photos: Summer Bundy



2/17/26



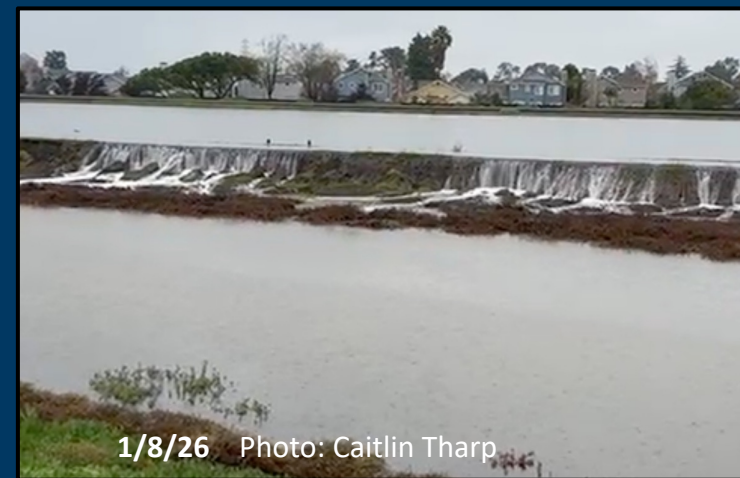
Brisbane Marina

1/3/26

Photos:
Jaclyn Gnusti



Redwood Shores levee



1/8/26 Photo: Caitlin Tharp

Stage Road near Pescadero



1/5/2026 Photo: Wendy Millet

CEO'S Report: Requests for Proposals planned in 2026

RFP	Anticipated Release Date
Request for Qualifications for As-Needed Routine Maintenance	Proposals received 2/18
As-Needed Construction Management & Environmental/ Cultural Compliance	February 27
As-Needed Community Engagement	February 27
Brisbane Shoreline Resilience Plan	February 27
Flood Early Warning System Professional Services	Late Spring
Auditor	Spring
Southern Bayside Cities Shoreline Resilience Plan	Early Fall

CEO's Report

2026 San Mateo County Multijurisdictional Local Hazard Mitigation Plan (LHMP)

- OneShoreline is again participating in the development of the LHMP
- Draft LHMP is anticipated to be available for public comment in the late spring
- We anticipate bringing it to the Board for consideration later this year

Which natural hazards have you experienced in your community?

Which natural hazards do you believe pose the greatest risks to your community?

How concerned are you about these hazards affecting your home/business?

What mitigation ideas do you believe should be a top priority for your community?

What mitigation ideas can best support vulnerable populations in your community?

Feedback can be sent to info@oneshoreline.org



Upcoming Board meetings:

March 23, 2026 at 4:00 PM

April 27, 2026 at 4:00 PM