



Brisbane Shoreline Resilience Planning: OneShoreline Update

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Topics

**Brisbane's Upcoming
Shoreline Resilience Plan**

**Pending Measure AA Grant
Application**

Next Steps & Discussion

SB 272, Laird. Sea level rise: planning and adaptation

Requires local governments within BCDC jurisdiction and the coastal zone to develop sea level rise plans that comply with BCDC / CCC guidelines

1. The use of the **best available science**.
2. A **vulnerability assessment** that includes efforts to ensure equity for at-risk communities.
3. Sea level rise **adaptation strategies** and recommended projects.
4. Identification of **lead planning and implementation agencies**.
5. A **timeline for updates**, as needed, based on conditions and projections and as determined by the local government in agreement with CCC or BCDC, as applicable.

**Deadline: January 1,
2034**

**However, there are
funding incentives
for earlier completion**

BCDC's Regional Shoreline Adaptation Plan



- BCDC Regional Shoreline Adaptation Plan (RSAP) – adopted December 2024
- Key elements:
 - One Bay Vision
 - Strategic Regional Priorities
 - Guidelines for Local Shoreline Adaptation Plans
 - Plan Element Requirements
 - Minimum Standards

ONE BAY VISION

As sea levels rise...
Healthy Baylands ecosystems thrive.

To achieve this:




- **Protect, restore, and enhance** Baylands ecosystems to improve their function, scale, biodiversity, and services, and meet regional habitat goals.
- **Prioritize nature-based solutions where possible** and incorporate habitat connectivity, sediment management, and whole watershed approaches into shoreline planning and projects.
- Identify and facilitate **opportunities for ecosystems to migrate landward** to support and enhance natural adaptation processes.

RSAP Requirements & Standards

Plan Element Requirements

- A Planning Process
- B Existing Conditions
- C Vulnerability Assessment
- D Adaptation Strategies and Pathways
- E Land Use and Policy Plan
- F Project Implementation and Funding
- G Project list

Minimum Standards

-  Coastal Flood Hazards and Sea Level Rise Scenarios
-  Minimum Categories and Assets
-  Equity Assessment
-  Adaptation Strategy Standards



Checklist-based approach to plan development

OPC Grant for the Brisbane Shoreline Resilience Plan

- In June, the Ocean Protection Council approved a \$750k Senate Bill 1 Sea Level Rise Planning Grant for the Brisbane Shoreline Resilience Plan
- OneShoreline committed \$120,000 in match funding out of its County Measure K grant
- Grant Allocations
 - City of Brisbane: \$50k
 - OneShoreline: \$120k
 - Tribal Stipend: \$10k
 - Planning & Engagement Contracts: \$570k
- Duration: 2-years

CORE TECHNICAL ADVISORY COMMITTEE MEMBERS

OneShoreline
City of Brisbane
Caltrans
City and County of San Francisco
City of South San Francisco

Brisbane Shoreline Resilience Plan Planning Process & Anticipated Schedule



*TAC and BCDC engagement throughout

* Equity Assessments conducted at each major milestone

Major Deliverables by Project Phase

2026 – Project Initiation & Baseline Work

Project Charter & TAC Formation

Consultant Procurement & Contracts

Notice of Intent to BCDC

Community & Stakeholder Engagement Plan

Existing Conditions & Vulnerability Drafts

Community Workshop #1 

2027 – Draft Plan Development

Draft Adaptation Strategies & Pathways (RSAP D)

Community Workshop #2 

Draft Land Use & Policy Plan (RSAP E)

Draft Implementation & Funding Strategy (RSAP F)

Draft Project List (RSAP G)

Public Draft Plan Release

Community Workshop #3 

2028 – Finalization & Adoption

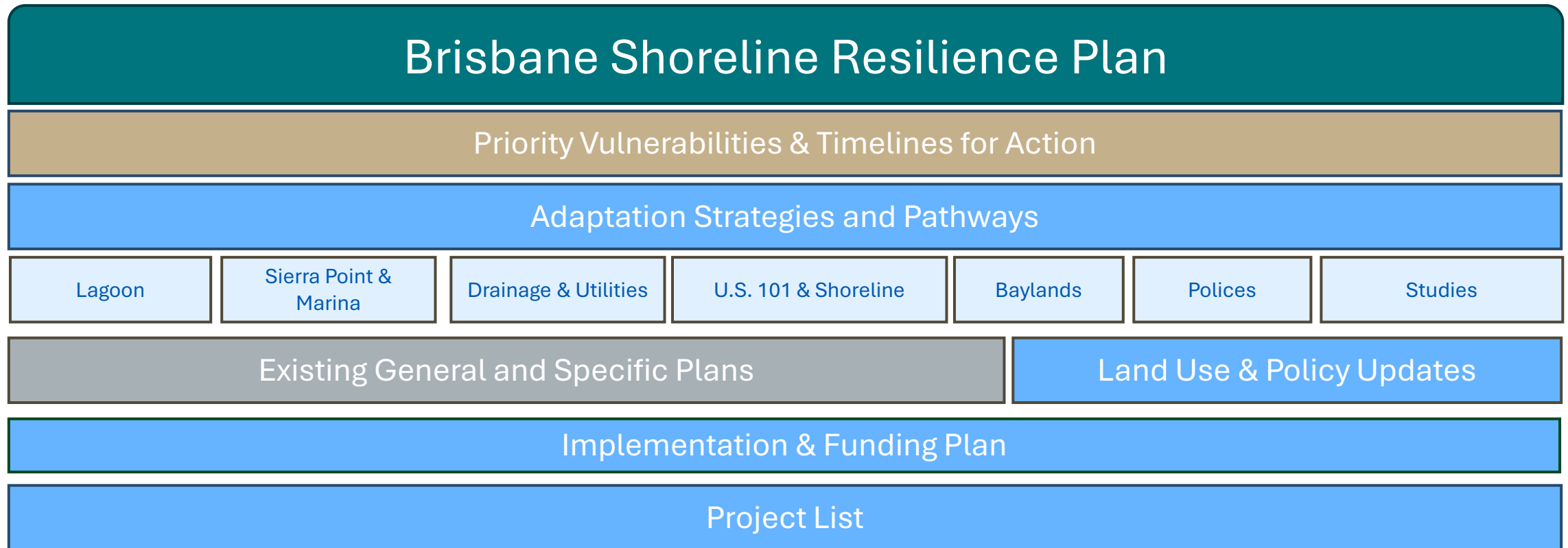
Public Comment Summary & Revised Draft

City Council Approval Hearing 

BCDC Approval Hearing

Final Brisbane Shoreline Resilience Plan

How this fits together with other plans and projects...



Potential Engagement Approaches

- **Traditional Approaches**

- Project Pages on OneShoreline and City Websites
- Project Brochures
- Blurbs in City newsletters, social media posts
- Community Workshops

- **Decision-Maker Engagement**

- Open Space & Ecology Committee, SLR Subcommittee, City Council

- **Surveys**

- Intercept Surveys
- Online Surveys

- **Creative Approaches**

- “Pop Up” Tabling (activity sheets, trivia, native ecology cards)
- Youth Engagement
- “Roadshows” to community groups
- Walking Tours

- **Preferences or other ideas?**

Measure AA Grant Proposal: Brisbane Living Shoreline – U.S. 101 Reach

In October, OneShoreline and project partners applied for a Measure AA Grant



Location



Restoration Goals

- 100+ acres of eelgrass
- 50 acres of oyster habitat elements
- Ecological restoration benefits to larger foodweb

Request: \$950k

Phase 1 Scope

- Data collection
- Community engagement
- Alternatives analysis
- Concept design
- Regulatory agency engagement
- Initiate CEQA and permits





Discussion



Minimum Standards Overview

Coastal Flood Hazards and Sea Level Rise Scenarios

- **Minimum hazards:** tidal inundation, storm surge, shallow groundwater, emergent groundwater
- **Minimum sea level rise projections:** 0.8 ft (2050); 3.1 ft (2100 Intermediate), 4.9 ft (2100 Intermediate-High), and 6.6 ft (2100 High)
Used throughout Plan Elements

Minimum Assets and Categories

- Data related to each topic area
Used primarily in Plan Elements B and C

Equity Assessment

- Equity considerations to incorporate into the planning process to the greatest extent possible. Submit brief descriptions of efforts.
Used throughout Plan Elements

Adaptation Strategy Standards

- Expected outcomes that adaptation strategies should strive to achieve. This is a check – do the strategies result in X, Y, and Z.
Used primarily in Element D