

Sea Level Rise Adaptation Planning

April 7, 2026



NEAR- AND MID-TERM ADAPTATION STRATEGIES



Alameda Shoreline Adaptation Plan Development



Regional Shoreline Adaptation Plan

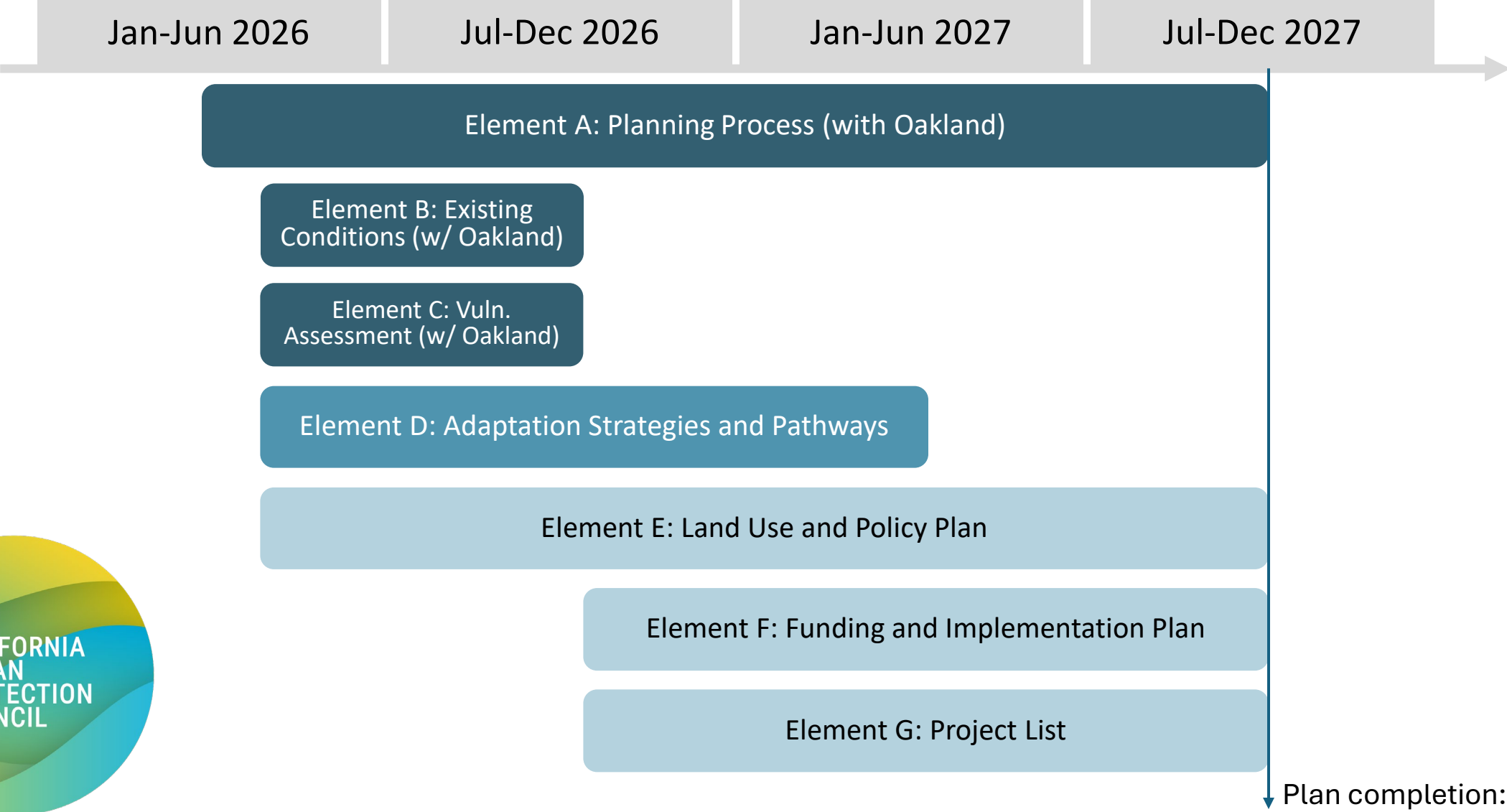
An implementing project of **BAY ADAPT**



- RSAP required by BCDC by 2034
- Phase 1 (2023-2025): NFWF and SFEP grant funding
- Phase 2 (April 2026-Dec 2027): SB1 grant funding
 - Build on the current plan and address gaps to achieve RSAP compliance
 - Refine strategy concepts and adaptation pathways
 - Policy/land use/funding plan
 - Community and stakeholder engagement
- Council Strategic Plan Project CC6
- www.alamedaca.gov/ShorelineAdaptationPlan

Alameda's SB1 Grant Workplan Schedule

Alameda Shoreline Adaptation Plan



Bay Farm Island Project Update





Replaced Tide Pool
With Cobble Headland

Adjusted Alignment
Levee / Bay Trail

Added Fishing Pier
ADA Access to Water

Retain as Many Trees
as Possible (typ.)

Protected Existing
Trees and Walk

Veterans Court
Will be Parallel
Parking





Cobble Headland
• 8"-10" Cobble Edges
• Marsh 6' to 7.5' NAVD88

Public Overlook
• Seating
• Shade
• Railings
• Educational Signage





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- Seating
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- 8"-10" Cobble Edges
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ADA Water Access Path

Added Fishing Pier

Existing Trees and Walk Preserved

Veterans Court Will be Parallel Parking



BFI Funding/Timeline

Purpose: Remove lagoon area of BFI from the FEMA 100-year floodplain, bolster the northern shoreline and Bay Trail from erosion, enhance shoreline habitat with nature-based solutions and enhance public recreation, including improvements to Bay Trail.

| Phase | Description | Funding Source |
|---------------------|-----------------------------------------------------------------------------|-------------------------------------------------------------------|
| Phase 1 (2023-2025) | 30% design and community engagement | FEMA Pre-Disaster Mitigation Congressionally Directed Spending |
| Phase 2 (2025-2026) | 30% design refinement, additional studies | Alameda General Fund |
| Phase 3 (2026-2028) | 60% design & permitting, community engagement, Island Drive interim measure | State Coastal Conservancy Prop 68 (this agenda item) |
| Future Phases | Complete design and construction | Requires additional funding |

Phase 3 Project Timeline

- Phase 3 – 60% design (Prop 68 funding)
 - May 2026: Project kick-off
 - Ongoing: community and stakeholder engagement
 - June 2027 (est.): Community workshop
 - Dec 2028: Project completion
- 2026-2027: Seek additional funds to complete design and construction
 - Seeking additional grants and other funding sources
 - Additional city funds will be required to complete project
- 2030: Target construction date



Staff Recommendation

- Accept Coastal Conservancy Prop 68 grant for \$2.6M to develop 60% design for BFI project
- Allocate \$50,000 from the General Fund for Public Works staff costs related to the project.
- Authorize amendments to agreements for BFI and Adaptation Plan:
 - CMG for technical consultant work
 - Greenbelt Alliance for community engagement
 - CASA for community engagement
 - SFEI for scientific review

FEMA BRIC Grant: Near-term Project (Submitted 2024)



BRIC federal \$50M
(90%)

Non-federal \$5.5M
(10%)

Total \$55.5M

***Recommended for
further review by FEMA***

