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RE:BEACH BACKGROUND

Phase 1 Beach Sand Feasibility Study (2020 - 2021)

- Preliminary Engineering Evaluation
 - Identified deficiencies in current coastal management
 Determined suite of conceptual ideas to lessen beach erosion
 - Recommendations

 High-quality source of sand and beach nourishment program
 - Piloting of a sand retention structure(s) should be considered along with a sand nourishment program

Phase 2 Sand Nourishment and Retention Pilot Project (2023-2026)

- Community and Stakeholder Engagement
- Baseline Monitoring Development
 - Engineering, Analysis and Design of a Pilot Project
 - Preliminary design through a Design Competition (RE:BEACH Oceanside)
 - Final design and engineering
 - Plans and specifications
- Environmental Compliance and Permitting



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RE:BEACH COMPONENTS

Jury and Advisory Panel

- Voting Members
 - Coastal Management
 - Permitting Viability
 - Surf Resource Preservation
 - Nearshore Marines
 - Coastal Cities Representatives
 - Community Representatives
- Non-voting Members
 - State Agencies
 - California Coastal Commission
 - California Coastal Conservancy
 - Non-governmental
 - Surfrider Foundation
 - Buena Vista Lagoon Audubon Society
 - Federal Agency

Design Criteria

- Boundary to the scope of design
- Objectives/performance standards for design solutions to be measured against
- Criteria assessed
 - Physical
 - Environmental
 - Financial
 - Social
 - Regional

Solicitation and Design Teams Selection

- 36 target and solicited firms
 - 6 teams formed
 - 3 Design Team Finalists

RE:BEACH OUTREACH

Public Workshops

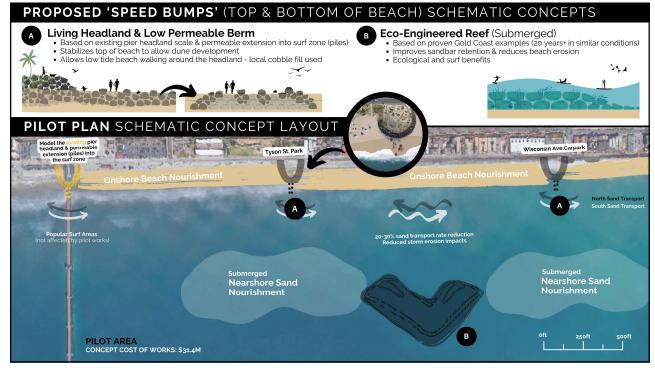


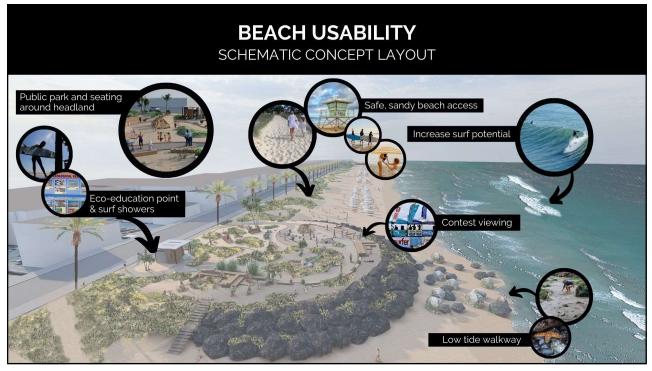
Regional and Local Meetings and Events

Meetings	Date	Events/Conferences/Summits	Date
Oceanside Coastal Neighborhood Association	March 2023	Smart Coast Cities Summit	May 2023
Oceanside Chamber of Commerce	March 2023, November 2023	San Diego Regional Climate Collaborative	November 2023*
SANDAG Sediment Management Technical Task Force	September 2023	Headwaters to Ocean Conference	November 2023
Coastal Cities Meeting	October 2023, January 2024	Oceanside High School, Oceanography class	December 2023*
Visit Oceanside	November 2023	Beach Ecology Coalition	January 2024

*Additional future outreach meetings are already scheduled with the SDRCC and El Camino High School for February and March 2024.

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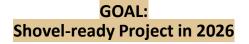
NEXT STEPS: YEAR 1 + 2

Year 1:

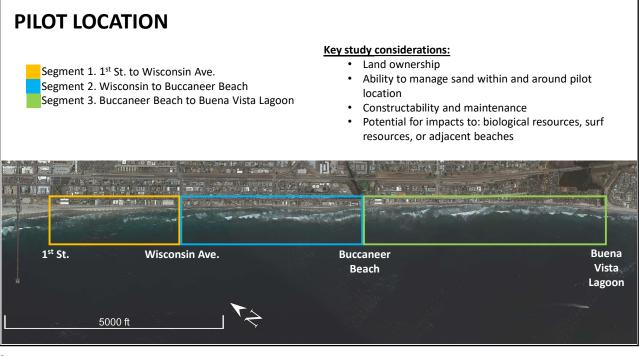
- Pilot Siting
- Evaluate & Refine Pilot System
- Modeling
- Develop Beach Nourishment Program
- Adaptive Management Plan
- Outreach

Year 2:

- Final Engineering
- Environmental Compliance and Permitting
- Outreach







EVALUATE AND REFINE PILOT PROJECT

Refine Major Design Elements

- Shoreline stabilization system details
- Landscape features

Sharpen Cost Estimate

- Need to refine estimate considering constructability, materials, escalation, etc.
- Initial estimates, for comparison purposes
 - Cost range \$30-50M

Expand Baseline Monitoring

- Surf conditions
- Beach attendance refinement



