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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**

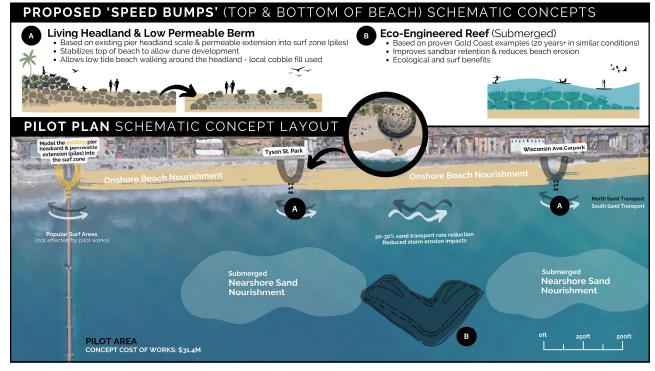


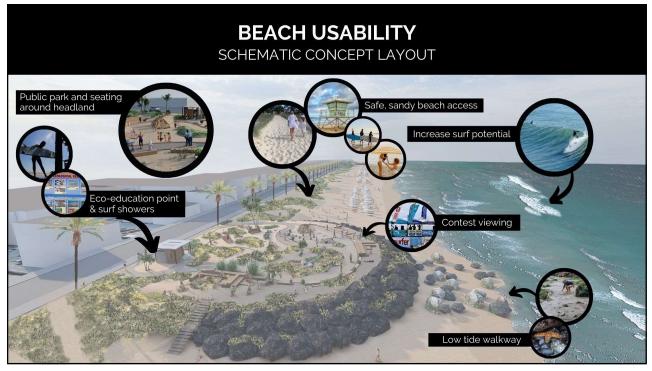
### **Regional and Local Meetings and Events**

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

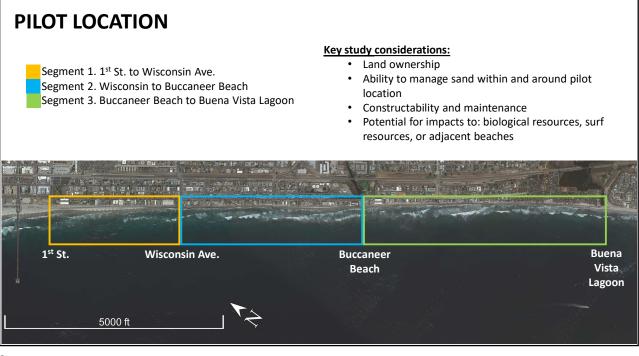
- Pilot Siting
- Evaluate & Refine Pilot System
- Modeling
- Develop Beach Nourishment Program
- Adaptive Management Plan
- Outreach

### 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



