



# **Goleta Beach Park CARE Beach Sand Stabilization**

**Board of Supervisors Hearing  
January 22, 2008**

# Purpose of the Hearing

- Overview of Goleta Beach County Park
- Discussion of issues
- Board direction to file application with Coastal Commission





Coastal

Access and

Recreation

Enhancement

Stabilize the Beach – Continue Recreation

# Goleta Beach Park - CARE

- Attainable and Sustainable Solution
- Maintain recreational opportunities
- Serving local users, regional and statewide visitors



# Goleta Beach County Park















# Physical Constraints

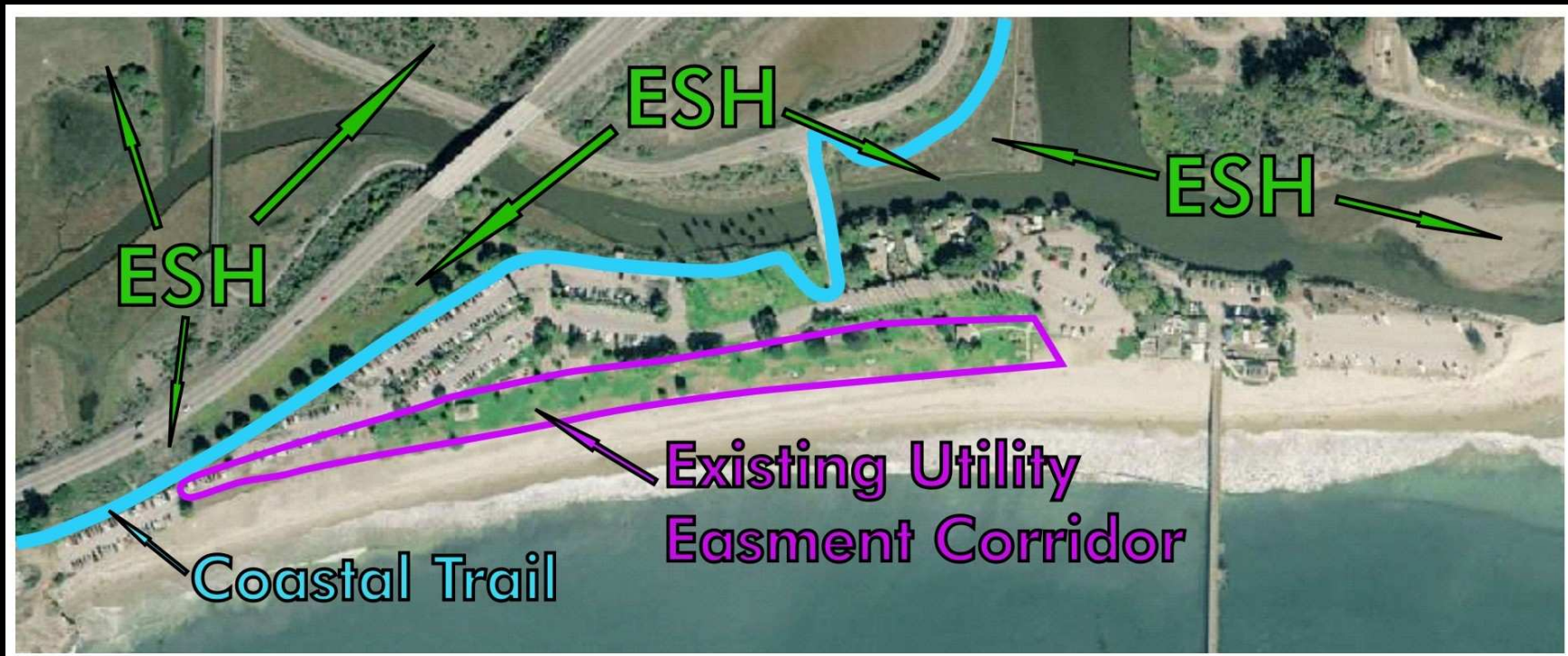
**Surrounding habitats**

**Coastal Trail**

**Existing Utility Easements**



# Constraints Map

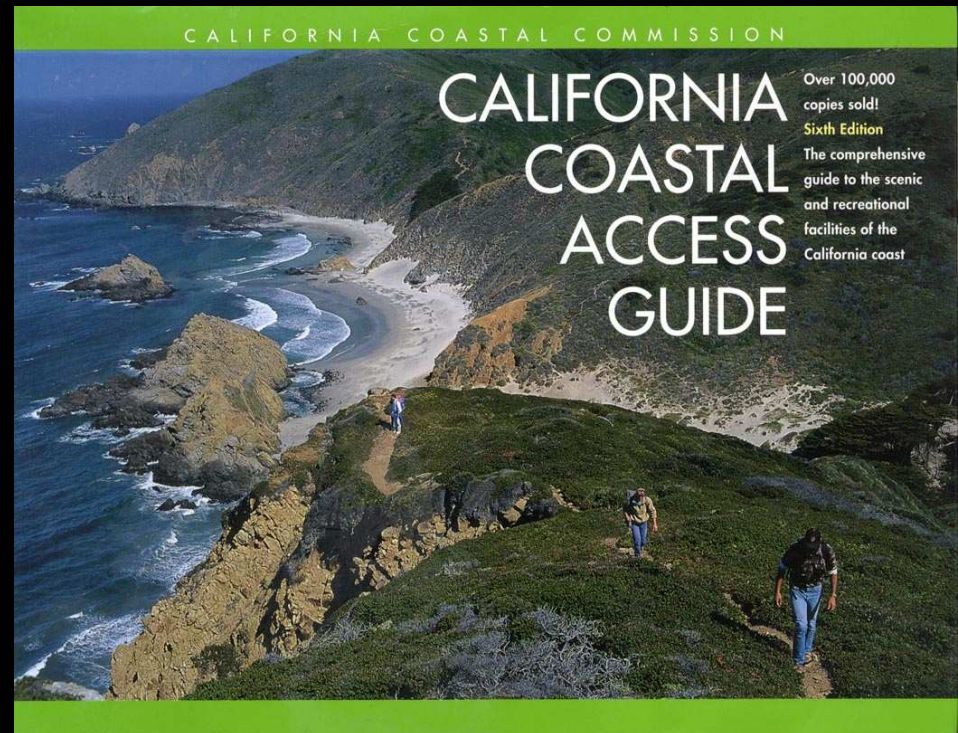


# Natural Resources



# CA Coastal Access Guide

- Documents state-wide coastal access
- Facility amenities
- Environmental features



# Goleta Beach Park - CARE



1. Beach Access
2. Environmental Impacts
3. Technical Feasibility
4. Costs and Funding
5. Site Constraints

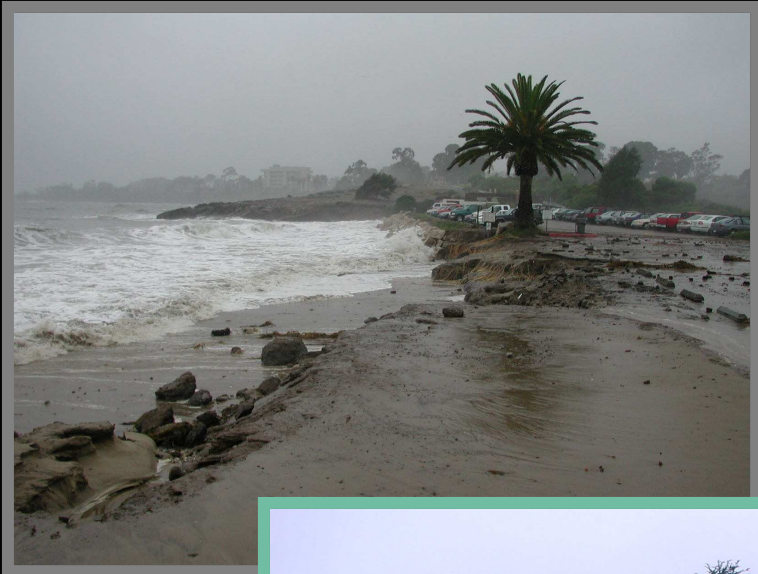


# Goleta Beach Park - CARE

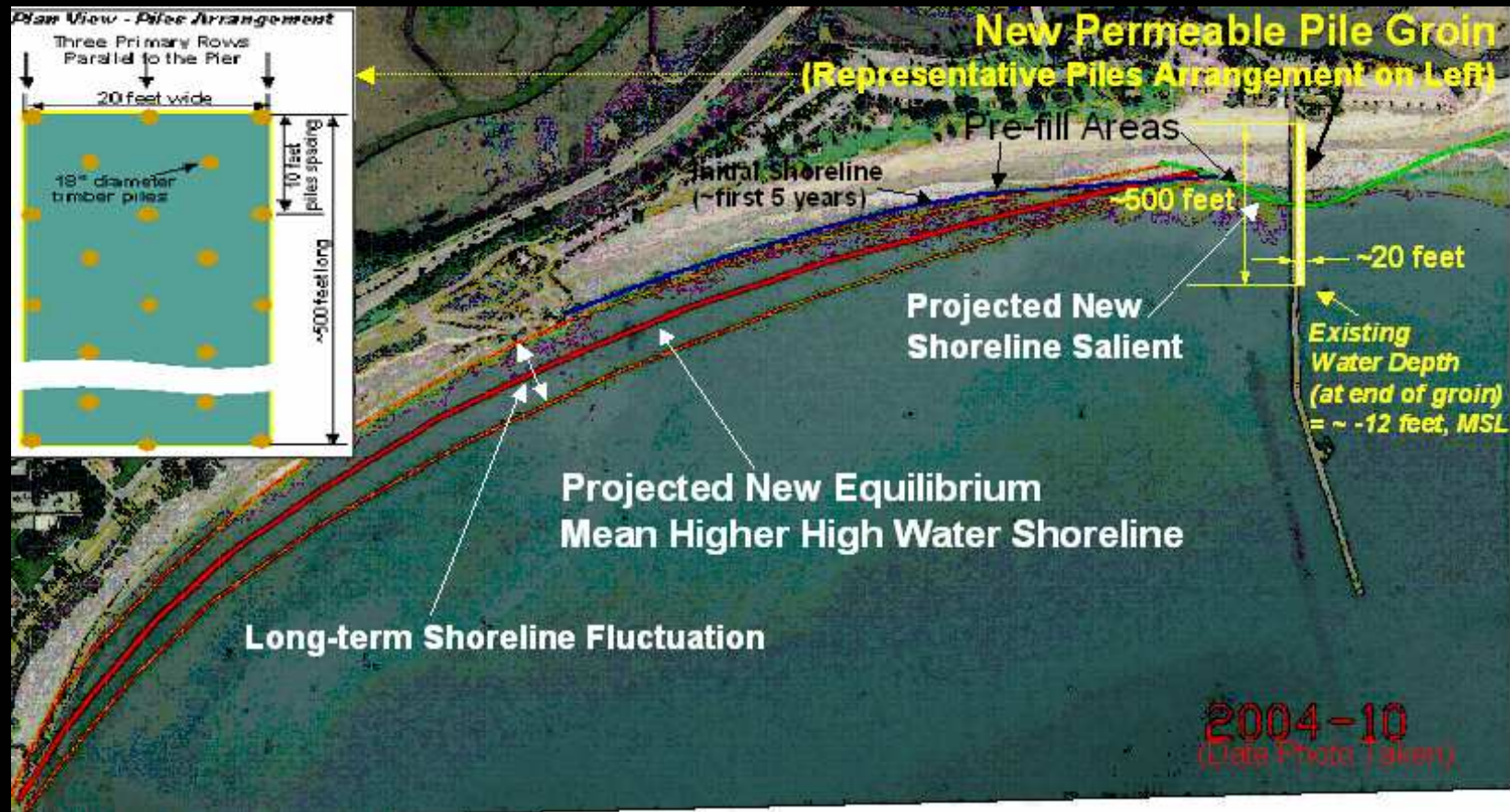
- Maintain Recreational Opportunities
- Protect natural resources
- Innovative Design
- Coastal Commission Partnership



# Loss of Beach Park



# Beach Sand Stabilization Permeable Pier System



# The Permeable Pier



# Complete Permeable Pier with Expanded Pier Deck



# Sand Stabilization Process





1946



April 21, 1979



March 6, 1991



November 5, 1998

# Permeable Pier Key Features



- Minimizes Beach encroachment
- Adjustable design
- Increases coastal access
- Maintains beach park aesthetics



# County Policy Consistency

- Accessibility
- Recreation
- Sensitive habitats and natural features
- Shoreline Sand Movement



# Coastal Act Revetment Policy

## 30235 – Protective Shoreline Devices

- Protect Public Beaches
- Mitigate shoreline sand impacts
- Maintain lateral beach access

# Typical Hard Structure Devices



# Stakeholder Involvement

- Parks Department and 2<sup>nd</sup> District effort
- Community Working Group
- Parks Commission

# Coastal Commission Permitting



- Original Jurisdiction
- Public Resource Recognition
- Follow-up local permits
- Env. Assessment and Public process

# Coastal Recreational Need

- Coastal dependent “active” recreation
- Central urban location
- Maintain recreation facility and public access



# Capital Costs (20 yrs)

## Permeable Pier Beach Sand Stabilization

- **Design & Permitting Cost**      \$1,193,000
- **Initial Capital Cost**              \$7,661,000
- **Future Capital Cost**                \$878,000
  
- **Total 20 Year Cost**                \$9,732,000

# Funding Alternatives

- **Federal Grants**
  - FEMA
  - Army Corps of Engineers
- **State Grants**
  - State Coastal Conservancy
  - State Dept. of Boating & Waterways
  - Propositions 84
- **Local Grants**
  - CREF



# CARE Philosophy

- Investment in Beach Park Recreation
- Protection of natural resources
- Minimize downcoast sand loss
- Coastal Commission Partnership
- Monitoring and adjustments

# Staff Recommendation

- Direct Staff to file Application with the Coastal Commission

