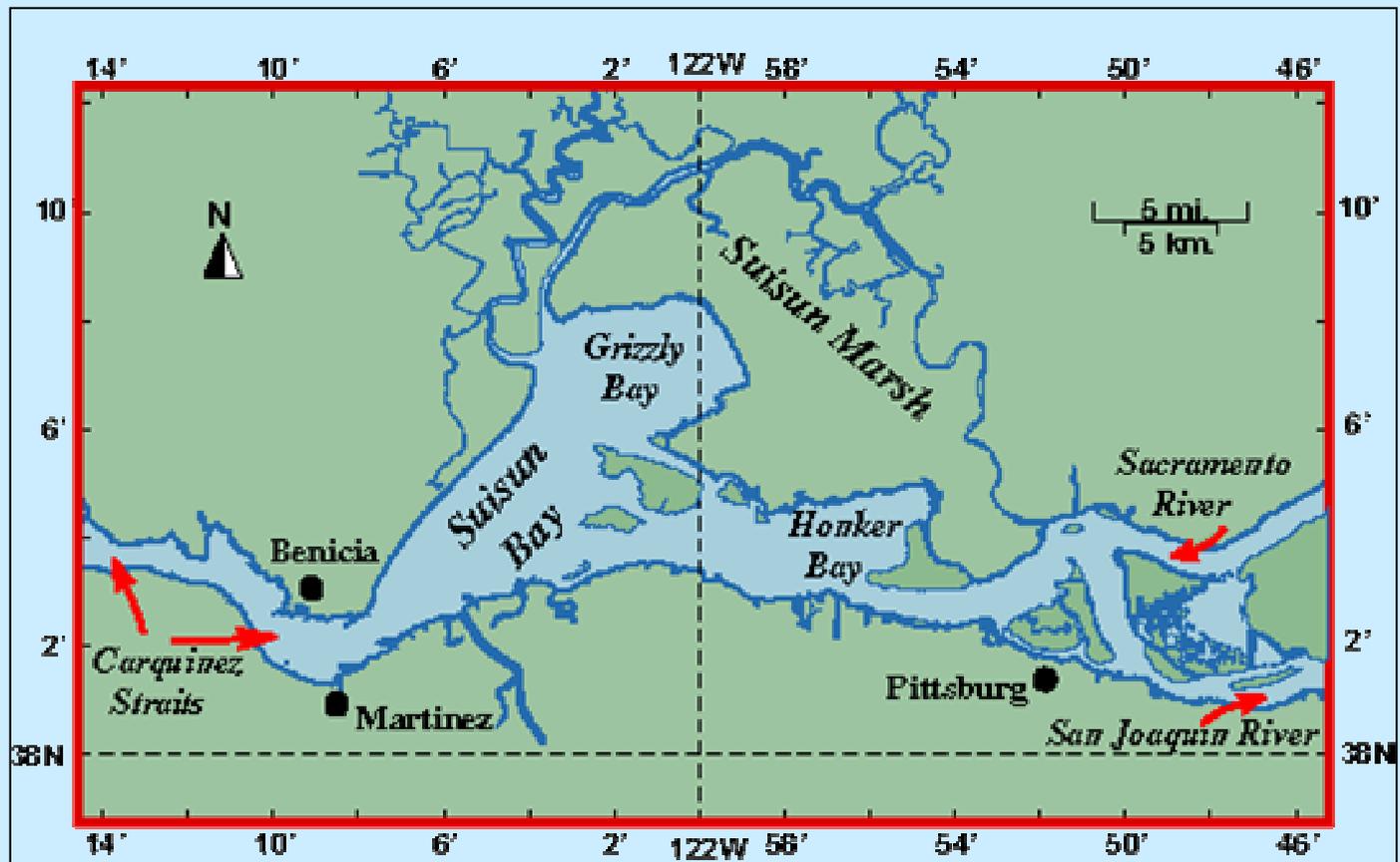


**Branchbox Breakwater Design
at
Pickleweed Trail, Martinez, CA**



Pickleweed Trail, Martinez, CA

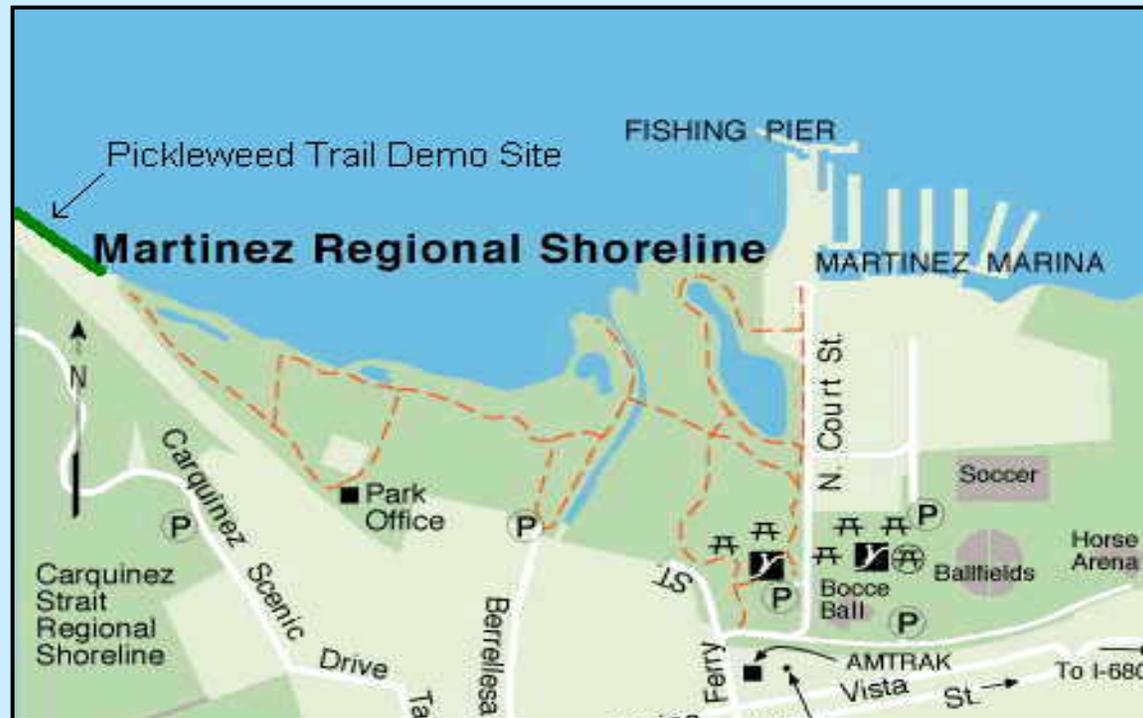


❖ Part of the Martinez Regional Shoreline Parks

❖ Wetlands next to demo site

❖ Land managed by the East Bay Regional Parks District (EBRPD)

❖ Full public access



- ❖ Erosion probably caused by tidal currents and waves (wind and boat)
- ❖ Natural shoreline consists mostly of mudflat to berm of bay mud covered by vegetation
- ❖ Failure mechanism appears to be slumping and removal of berm by waves and currents



Erosion at the Pickleweed Trail

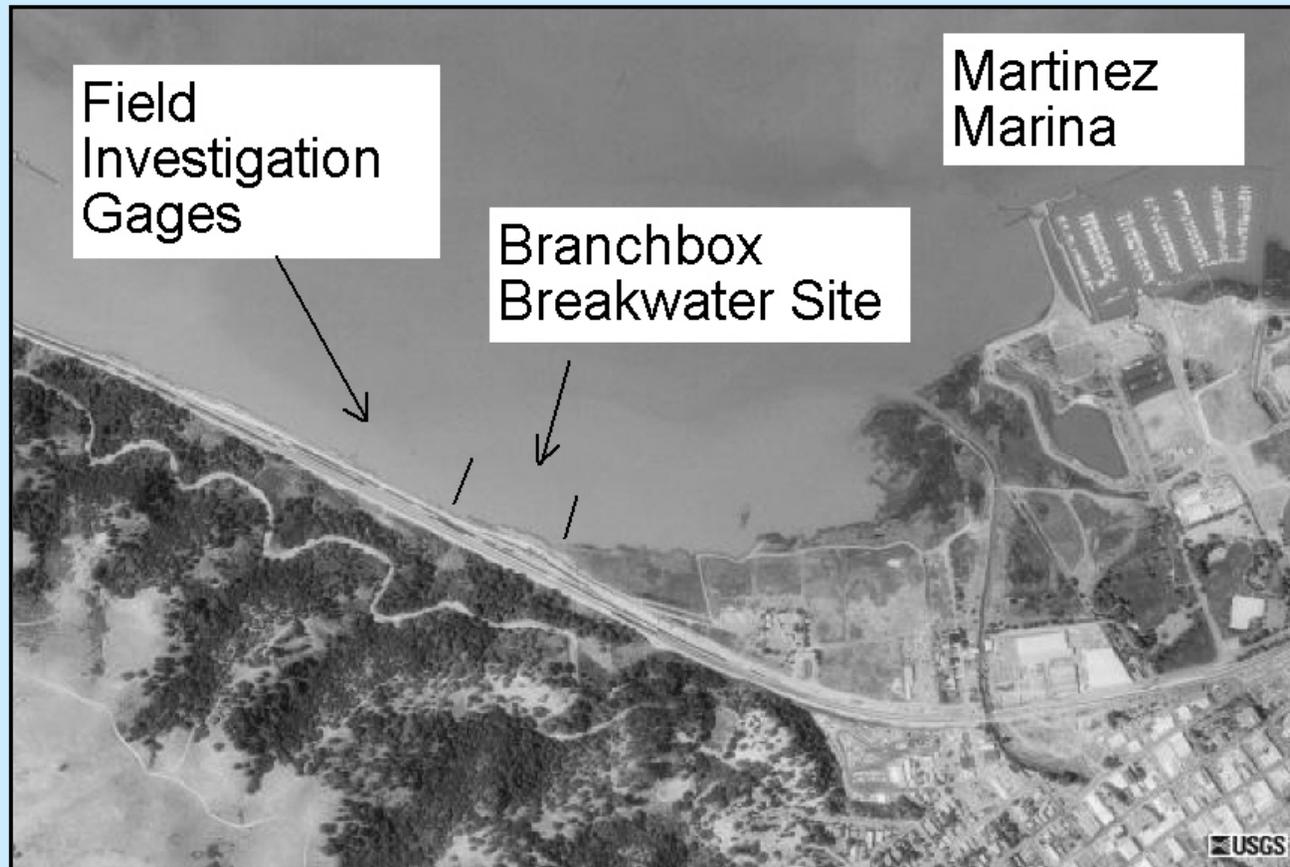


2000

2002



Pickleweed Trail Shoreline

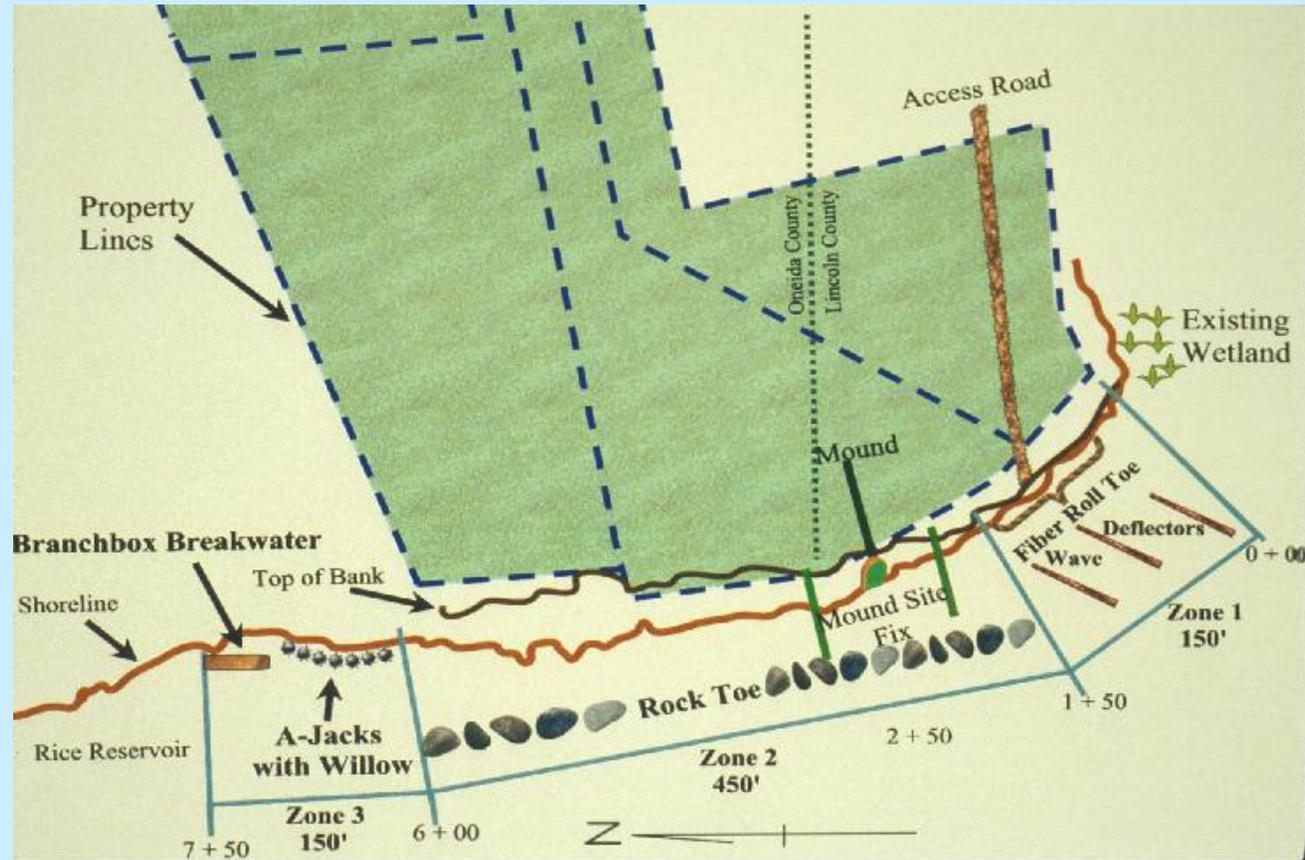


Field Investigations

Shoreline Erosion Control Alternatives



WVIC, Rice Reservoir



Branchbox Breakwater Rice Reservoir



Georgiana Slough



Branchbox Breakwater Georgiana Slough



Slab Bundles



Slab Bundles Ohio River



Project History

APR 2000 – Initial meetings, site visit, and submittal

NOV 2000 – Presentation at Pacific Rim Workshop

**DEC 2000 thru JUL 2002 – Period of limited activity
and Funding**

AUG 2002 to present – Developing design scheme



LOCAL INTEREST

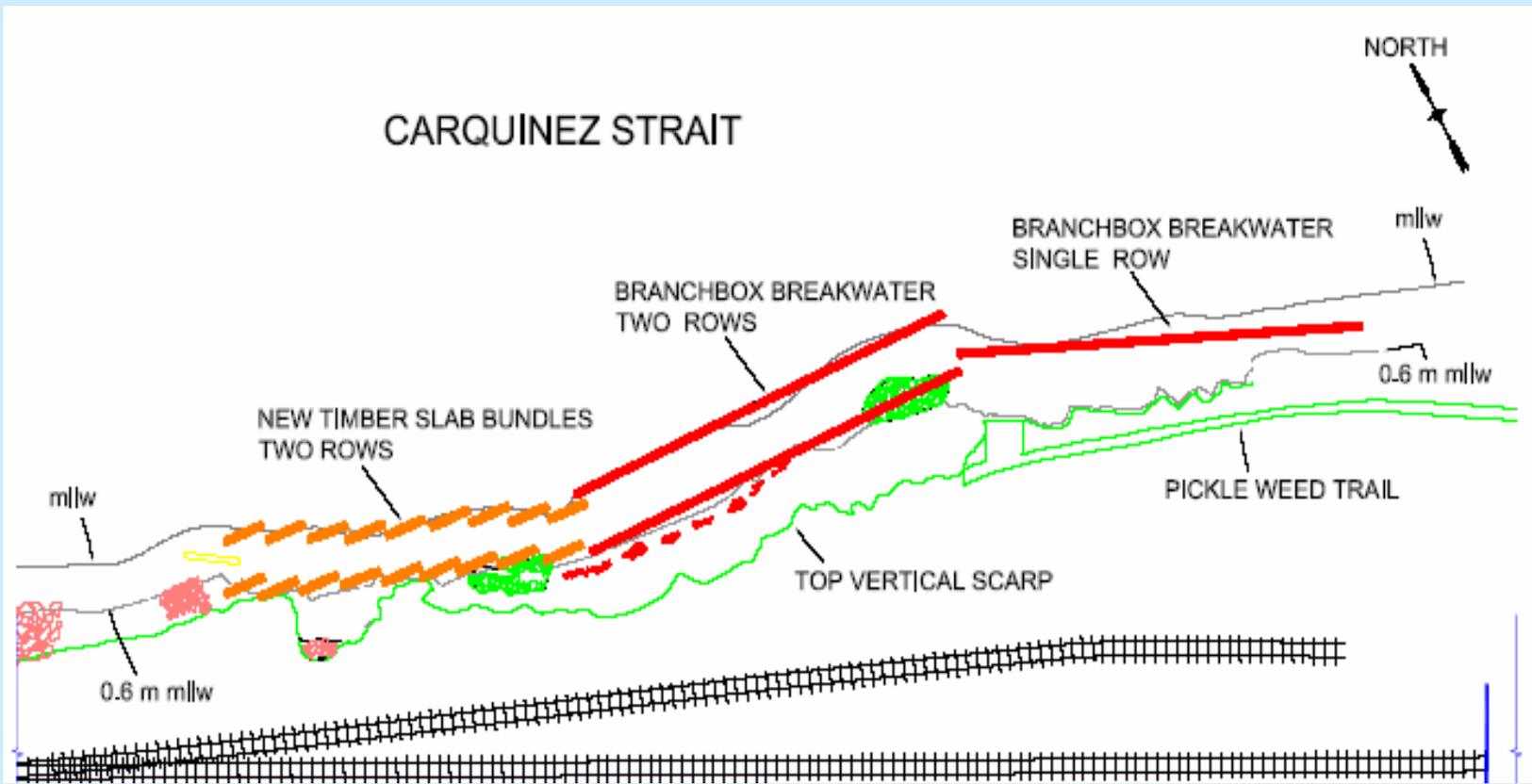
East Bay Regional Park District (EBRPD)

Coastal Sediment Management Workgroup (CSMW)

Bay Conservation & Development Commission (BCDC)



Proposed Design for Pickleweed Trail



Questions

