

Pillar Point Harbor -- Proposed locations for placement of harbor dredge material.



6/12/13 MCC presentation

West Shoreline Trail

- Popular public coastal access
- Critical emergency vehicle access
- 700-ft section threatened by wave-action erosion

- Trail owned by Harbor District
- \$365,000 repair already budgeted
- Waters not in Marine Sanctuary
- Aquatic disposal permit required



Princeton Shoreline



- Eroded by storm wind waves; starved for sand replenishment due to breakwater.
- Harbor District has jurisdiction only up to mean-high-tide line.
- Waters not in Marine Sanctuary.

County's Princeton Planning Update, 2013-2015, will include a Princeton Shoreline Management Plan.

- Preliminary studies (2001) recommend a combination of revetment, stabilized beach nourishment, and public access improvements.
- Final plan will include details such as location of a uniform string line, consistent design section requirements, and maintenance obligations.



Surfers' Beach

Erosion greatly accelerated after breakwater construction in late 50's by Army Corps.

Northern Half Moon Bay Shoreline Improvement Project:

- Army Corps of Engineers is lead agency; Harbor District is local sponsor.
- Studies began in 2009 -- still in feasibility phase.
- Project could consider range of solutions including dredging harbor sand, and creating openings in the jetty for sand outflow.
- Permission for beach nourishment would have to be obtained from Monterey Bay National Marine Sanctuary.

Inner Harbor Beach at Kayak Stand, aka “Perched” Beach,
upland dredge disposal site since 1980’s



Beach access has been impaired by incremental “pre-development dredge disposal” leaving raised flat vegetated area with steep drop off to narrow remaining sandy beach. Harbor District plans for the area include bulkhead/pave/develop.



Inner Harbor Wetlands/Mudflat habitat was partial mitigation for habitat lost during launch ramp construction in 1990. This area is not eroding. Harbor District General Manager suggests burying this wetland habitat with dredge material.