

Pillar Point Harbor West Shoreline Trail — Timeline

- 1959:** Land to access and maintain west breakwater acquired by quit claim deed — APN 047-313-030, 3.49 acres, and 047-313-040, 0.62 acres
- 1990:** Expanded beach habitat for western snowy plovers near the base of the west jetty was partial mitigation for new boat launch ramp.
- 2006 April:** Landslide onto West Shoreline Trail blocking it off.
- 2011 Nov - 2016 Feb:** Trail partially roped off with orange netting at culvert due to erosion.
- 2012 June:** West Trail [draft Condition Survey](#) provided by GHD did not consider a sand replenishment alternative, even though the District needed a dredge disposal site for launch ramp maintenance dredging. The study was not released publicly until after the CCC granted an emergency permit in 2013 for dredge disposal on Perched Beach, furthering District plans for bulkhead, fill, and development for that area. Page 9 of Appendix G [Geotechnical Assessment](#) describes the many advantages of soil nail wall alternative covered with sculpted/colored shotcrete, but this solution was not brought forward without explanation. Appendix F: [Coastal Engineering Analysis](#)
- 2013 June:** CCC staff was informed by the public of the need for erosion protection at the West Trail and considered the West Shoreline Trail Alternative for launch ramp dredge disposal: *“Instead of potentially using riprap or other hard structures to protect the trail, the dredge material could potentially be incorporated into the trail as a vegetated slope to address the ongoing erosion, or could be used to nourish the beach/shoreline in front of the eroded trail.”* However, additional permitting required for aquatic (rather than upland) disposal would delay the project by at least a year, making that alternative infeasible for the emergency [but easily anticipated] maintenance launch ramp dredging. MCC letters ([6/12/13](#), [9/10/13](#)) asked for beach nourishment alternative, timely pro-active planning and permitting to make this possible, and opportunity for public participation.
- 2014 July:** Harbor District submitted permit application to CCC for Phase 1 culvert repair, scaled back from original 300-foot shoreline protection project. CCC replied application incomplete. In October HD General Manager told the public a beach nourishment solution could not be considered for the West Shoreline Trail due to the urgency and lack of any concurrent dredging project.
- 2015 July:** Emergency permit granted by CCC for temporary West Trail culvert repair to be completed by 1/28/16, and requiring application for regular CDP by 7/28/16, to consider whether the temporary repair should be permanent or a different project designed for the site. CDP application should include a hydrologic analysis of the area and if the stormwater conveyance is determined to be unnecessary, it will be removed and the trail backfilled.
- 2016 Jan/Feb:** Trail culvert repairs completed.
- 2016 April:** Harbor Commission authorized GHD Phase 1 planning for erosion protection along approximately 300 feet of West Trail, not to exceed \$184K. Scope includes:
- revised SLR and wave action analysis
 - landside drainage study
 - alternatives analysis (including to assist the District with conducting a “design charrette” involving the public, Harbor Commissioners, CCC staff, other regulatory officials)
 - CDP application package
 - agency scoping memorandum
- 2016 June 7:** Design Charrette was not noticed to public or Harbor Commissioners — Meeting [minutes](#) and June 19 GHD [progress report](#)
- 2016 Aug:** MCC [presentation](#) & [letter](#) in support of sculpted soil-nail wall & beach nourishment
- 2016 Sept:** Harbor Commission presentation by GHD of [Alternatives Analysis](#), [Drainage Study](#), [SLR/Erosion Study](#). Public comment [rebutting riprap alternative](#). Commission votes 5-0 for shotcrete soil-nail wall and beach nourishment as preferred alternative.