



PROJECT PROFILE



Challenge:

Provide structural repairs to timber piles on trestle Railway Bridge over San Dieguito River, Del Mar, CA.

Constraints:

Trestle is used daily by North County Transit Districts "Coaster" commuter train. Service cannot be interrupted. Area is affected by tidal and river water flow. Timber cross bracing replacement required a systematic construction process so as not to weaken bridge during repair process.

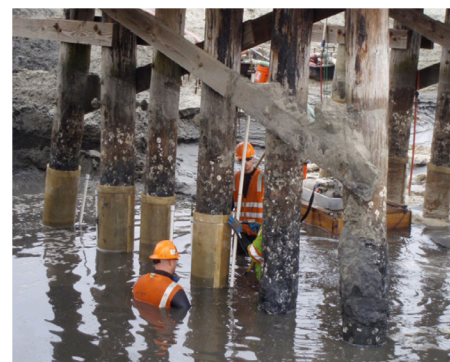


Solution:

FOX FX 70 SYSTEM. Utilizing **FX 70-6 MP Marine Epoxy Grout** and both one and two piece fiberglass jacket (to allow cross bracing replacement). Marine Interface of Tenino, WA. repaired the piles in place without interrupting the use of the structure.

Why use the FX 70® System:

- 1) Repair of the timber pile restores the pile to its original or greater structural capacity.
- 2) Repair process does not interrupt the use of the structure.
- 3) This system has been in use for over thirty years, constantly being improved by advances in technology and practical application from contractors.



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