

Project Location Map

- Four reinforcement areas were identified in January 2024
- Proposed solutions evaluated at a preliminary design level considering different materials, performance, costs, methods, and schedule

Area	Location (MP)	Challenge
1	203.80 – 203.90	Ongoing deterioration of existing riprap protection
2	204.00 – 204.40	Erosion - no beach at high tide and direct wave attack damaging existing riprap protection
3	204.07 – 204.34	Steep bluffs with high potential for failure that could impact rail infrastructure
4	206.00 - 206.10 206.42 - 206.70	Near San Clemente State Beach - erosion exposing areas of limited to no riprap protection

MP – Mile Post

