



Emergency Coastal Rail Update Mariposa Point Track Protection Project (MP 204.2)

California Transportation Commission • March 2024

LOSSAN Corridor



Los Angeles – San Diego – San Luis Obispo (LOSSAN)

351
miles

6
counties

2nd
busiest intercity
passenger rail
corridor in the U.S.

8.3 million
pre-pandemic
annual ridership

41
stations

150
daily passenger
trains

70
daily freight
trains

\$1 billion
carried in
freight annually

designated national defense rail corridor as part of the

Strategic Rail Corridor Network

by the Department of Defense



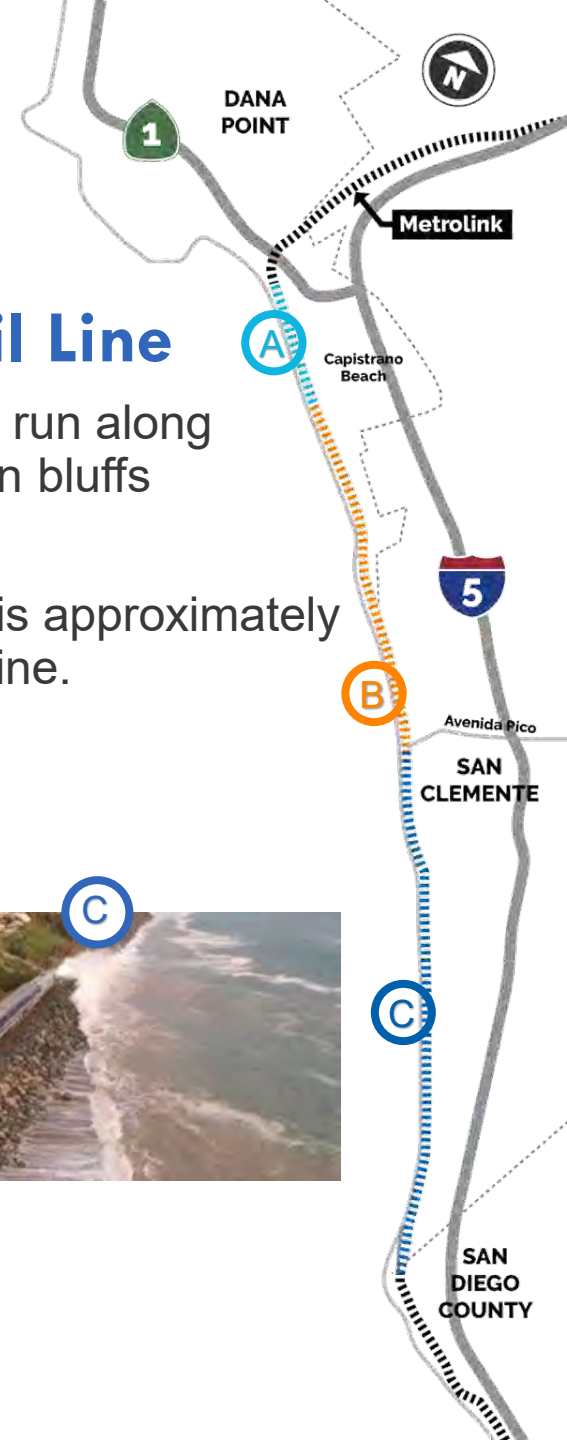
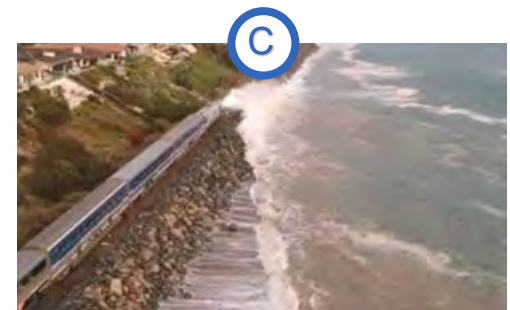
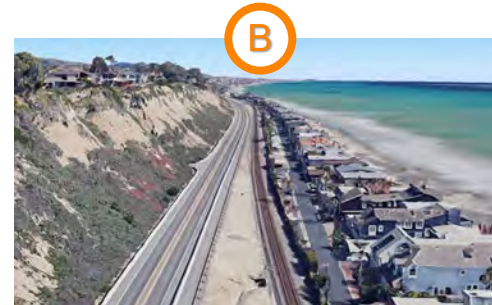
OCTA's Role in the LOSSAN Corridor

- Owns 40+ miles of the corridor, including 7 miles of critical coastal track in south Orange County
- Serves as the managing agency for the LOSSAN Rail Corridor Agency
- Member of the Southern California Regional Rail Authority (Metrolink) joint powers authority that uses the LOSSAN corridor

OCTA's Beachside Rail Line

In south Orange County, tracks run along the beach, sandwiched between bluffs and the ocean.

Most of this beachside rail line is approximately 200 feet or less from the coastline.



\$2.1 Billion OCTA Investment

Orange County has invested more than \$2.1 billion in the rail corridor and on Metrolink service to date:



\$1.3 billion
capital investments



\$194 million
rail rehabilitation



\$494 million
operations subsidies

Caltrans' LOSSAN Program Environmental Impact Report / Environmental Impact Statement

- Purpose was to assess options to increase service levels and reduce travel times between San Diego and Los Angeles
- Programmatic environmental process
- Started in 2002 and concluded in 2009
- Included double-track alternatives and tunneling portions in south Orange County
 - \$1.095 billion to \$1.76 billion (*2003 dollars*)
- Substantial feedback on modifications to existing tracks

Funding for Emergency Projects



Total Emergency Work: \$36.9 million+

excludes right-of-way and permitting costs that have yet to be determined

Cyprus Shore (MP 206.8)

Cyprus Shore Track Stabilization Project

Fall 2022

~\$21.7 million

- **\$8 million** – OCTA funds
 - Initial track stabilization work
- **\$6 million** – Federal Surface Transportation Block Grant Program
- **\$6 million** – State Interregional Transportation Improvement Program
- **\$1 million** – Federal Coronavirus Response and Relief Supplemental Appropriation Act
- **\$700,000** – OCTA funds

Casa Romantica (MP 204.6)

San Clemente Track Protection Project

Spring 2023

\$6 million

- **\$3 million** – OCTA funds
- **\$3 million** – State Interregional Transportation Improvement Program



Mariposa Point (MP 204.2)

MP 204.2 Track Protection Project

Winter 2024

~\$9.2 million

- Caltrans issued an emergency declaration on Feb. 1, allowing OCTA to request emergency funding
- **Fully funded by the California Transportation Commission**
- **\$2 million** – Phase 1
 - Cleanup
- **\$7.2 million** – Phase 2
 - Catchment wall

Mariposa Point Track Protection Project



Phase 1: Cleanup

Funding: \$2 million

Allocated by the CTC on Feb. 7

- Removed damaged spans of the pedestrian bridge.
- Grading of slope and cleared debris.
- Placed Visqueen plastic sheeting and other best management practices to prevent surface water infiltration.
- Debris cleared and limited freight service restored Jan. 29.



Mariposa Point Track Protection Project



Phase 2: Catchment Wall Construction

Funding: \$7.2 million

Allocated by the CTC on Feb. 16

- Catchment wall construction is ongoing.
 - 10-15 ft tall, 30 ft below ground, ~200 ft long
- Limited Amtrak Pacific Surfliner service resumed March 6.
- Construction is expected to be completed in late March.
- Full passenger service is expected to resume in April.



Coastal Rail Resiliency Study *short- to medium-term solutions*

- Develop options to protect 7 miles of coastal rail and identify areas of immediate concern
- Gain an understanding of climate effects on coastal rail infrastructure
- Identify potential solutions, including sand replenishment / retention
- Engage key stakeholders / agencies
- OCTA Board awarded contract August 14, 2023
- **Next Step:** Environmental for Coastal Rail Infrastructure Resiliency Projects (CTC funded)

Coastal Rail Long-Term Solutions Study

- Develop options for potential long-term solutions for the coastal section of rail line
- Create an action plan for key elements
- Partner with LOSSAN, state and federal agencies
- Engage key stakeholders / agencies