



Highway Corridors: Highway 1 Aux Lanes and BOS (State Park Drive to Freedom Boulevard), and Coastal Rail Trail Segment 12

Project Description

The project will construct northbound and southbound auxiliary lanes and bus-on-shoulder improvements between the State Park Drive and Freedom Boulevard interchanges, replace the two existing railroad bridges between the State Park Drive and Rio del Mar interchanges, and widen the Aptos Creek bridge. This section of Highway 1 provides access to Aptos Village, Rio del Mar, Aptos High School, and Aptos Hills/Corralitos. The auxiliary lanes will connect the on-ramps with the next off-ramp, thereby extending the weaving and merging distance between the ramps, improving traffic operations, and reducing cut-through traffic diverting to local streets and neighborhoods.

The existing railroad bridges will be replaced with longer span bridges to accommodate the addition of auxiliary lanes on Highway 1. The Highway 1 bridge over Aptos Creek will be widened or replaced as part of the project. The new bridges, soundwalls, and retaining walls will incorporate aesthetic treatments consistent with the visual character of the corridor and the adjacent community.

This project also includes construction of Segment 12 of the Coastal Rail Trail, a bicycle and pedestrian trail along an approximately 1.25-mile segment of the Santa Cruz Branch Rail Line right-of-way from State Park Drive to Rio Del Mar Boulevard. The Santa Cruz Branch Rail Line corridor is an active freight line and is owned by the RTC.



Project Highlights

- ▶ Improves traffic and safety operations on Highway 1
- ▶ Adds infrastructure for buses to travel in the auxiliary lanes between interchanges and on the outside shoulder through interchanges
- ▶ Reduces cut-through traffic diverting to local streets and neighborhoods by adding auxiliary lanes between State Park Drive and Freedom Boulevard
- ▶ Replaces two existing railroad bridges and widens the Highway 1 Aptos Creek bridge
- ▶ Provides a dedicated bicycle and pedestrian trail, improving safety and connectivity to schools, commercial centers, and transit facilities
- ▶ Multimodal options to increase corridor throughput
- ▶ Improves active transportation connectivity

Project Delivery Strategy

The RTC is leading the delivery of this project. Measure D-Highway Corridor funds and other RTC discretionary funds will be used to complete preconstruction work and as a match for future grants. The project will evaluate a Trail Next to the Railroad Track Alignment ("Ultimate Trail Configuration") and a Trail on the Railroad Track Alignment ("Interim Trail") as an optional first phase. RTC is targeting Cycle 3 of the SB1 Solutions to Congested Corridors Program, and Local Partnership Program funds.



Highway Corridors: Highway 1 Aux Lanes and BOS (State Park Drive to Freedom Boulevard), and Coastal Rail Trail Segment 12

Project Funding

Estimated Total Cost	\$	TBD*
Funding Sources		
Measure D (Highway)	\$	19.2M
Other Secured	\$	1.2M
Needed	\$	TBD*

*Cost estimates are under development.



Project Status/Schedule

The environmental phase of this project is expected to be completed in 2022. The design phase is expected to begin in 2022 and be construction-ready in 2025, pending availability of funds for construction.



Preliminary rendering of new railroad and bicycle/pedestrian bridges