



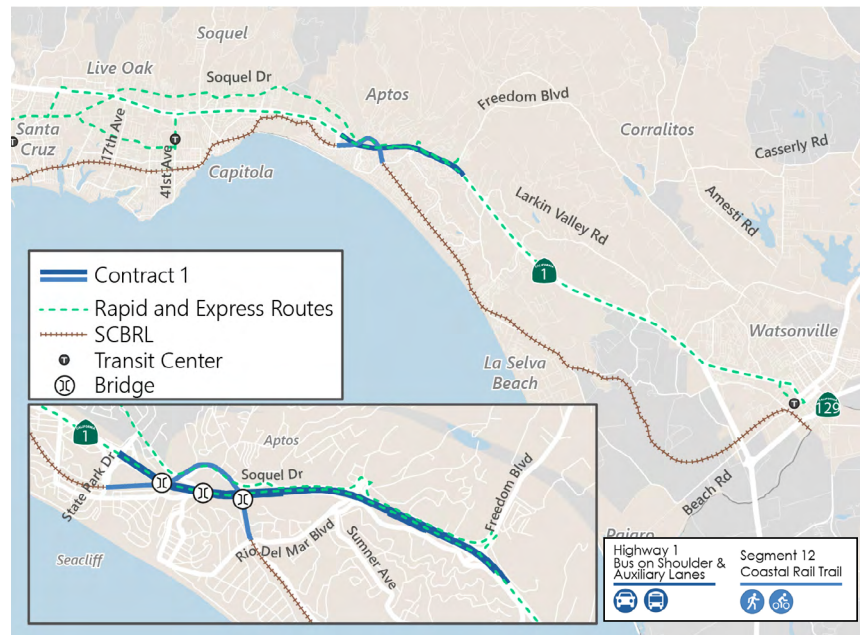
HIGHWAY 1 - STATE PARK TO FREEDOM IMPROVEMENT PROJECT

Watsonville-Santa Cruz Multimodal Corridor Program



PROJECT DESCRIPTION

The Highway 1 State Park Drive to Freedom Boulevard Auxiliary Lanes, Bus-on-Shoulder, and Coastal Rail Trail Project (Project) is a priority segment of the Watsonville-Santa Cruz Multimodal Corridor Program (WSC-MCP) Cycle 3. The Project includes a suite of improvements to address congestion on State Route 1 (SR 1)—safety and operational enhancements on the freeway, transit time reliability improvements, structural improvements to the Santa Cruz Branch Rail Line (SCBRL), and a new active transportation corridor segment. On SR 1, the Project adds auxiliary lanes and transit bus-on-shoulder (BOS) facilities, and standard shoulders in the northbound and southbound directions between State Park Drive and Freedom Boulevard. This involves replacing the existing bridge over Aptos Creek and Spreckels Drive to accommodate the auxiliary lanes and shoulder, replacing the two structurally deficient and non-standard SCBRL railroad bridges over SR 1 to correct vertical clearance and return the section of the SCBRL in a state of good repair for future transit or freight uses. The Project constructs a Class I bikeway for shared bicycle and pedestrian use (Coastal Rail Trail Segment 12) along an approximately 1.25-mile segment of the SCBRL right-of-way. Together, the four elements address bottlenecks and severe congestion to reduce travel time and enhance safety for goods movement and commuters, improve the potential for multimodal goods movement, and provide enhanced transit and active transportation facilities.



Rendering of BOS operations on SR 1



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PROJECT OUTPUT

- ▶ 2 sets of Auxiliary Lanes (<1 mile in length)
- ▶ Replace the 2 railroad overpasses with longer span bridges and freight/passenger rail
- ▶ Widen the narrow highway bridge spanning Aptos Creek and Spreckels Drive
- ▶ 2.4 miles of standard and continuous outside shoulders
- ▶ Emergency pull-outs
- ▶ 2.6 miles of a 7.5-mile-long hybrid bus-on-shoulder/auxiliary lane facility between State Park Drive and Freedom Boulevard
- ▶ New 1.25-mile paved multi-use trail
- ▶ 2 new overcrossings over SR 1
- ▶ 5 enhanced at-grade roadway crossings
- ▶ 2 new Soquel Drive bicycle and pedestrian bridge

PROJECT OUTCOMES

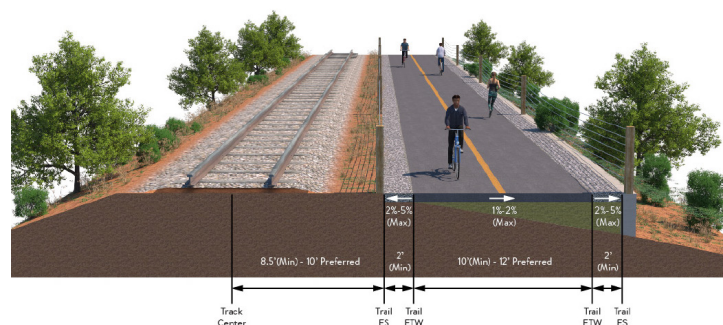
- ▶ Provide high quality transportation choices to reduce countywide VMT
- ▶ Reduce travel times and vehicle hours of delay along the Highway 1 corridor
- ▶ Increase transit frequency and on-time performance
- ▶ Enhance safety and mobility for vehicles, transit, bicycles, and pedestrians
- ▶ Eliminate barriers to mobility created by the Highway 1 to reconnect the community
- ▶ Reduce mobile source emissions and improve air quality and public health
- ▶ Advance equity through reduced congestion, viable and low-cost transportation alternatives serving disadvantaged communities, including more frequent bus service and rail trail

COST

COST (in millions)	HWY 1 + COASTAL RAIL TRAIL CONTRACT 1
Pre-Construction Local Match	\$30.6
Construction Local Match	\$67.3
Construction SB 1 Request*	\$83.0
Total	\$180.9

*Solutions for Congested Corridors, Local Partnership, and Trade Corridor Enhancement Programs

Cross Section of the SCBRL Rail Trail



SCHEDULE

SCHEDULE	2020	2021	2022	2023	2024	2025	2026	2027
CONTRACT 1		Env		Design & ROW		Con		