

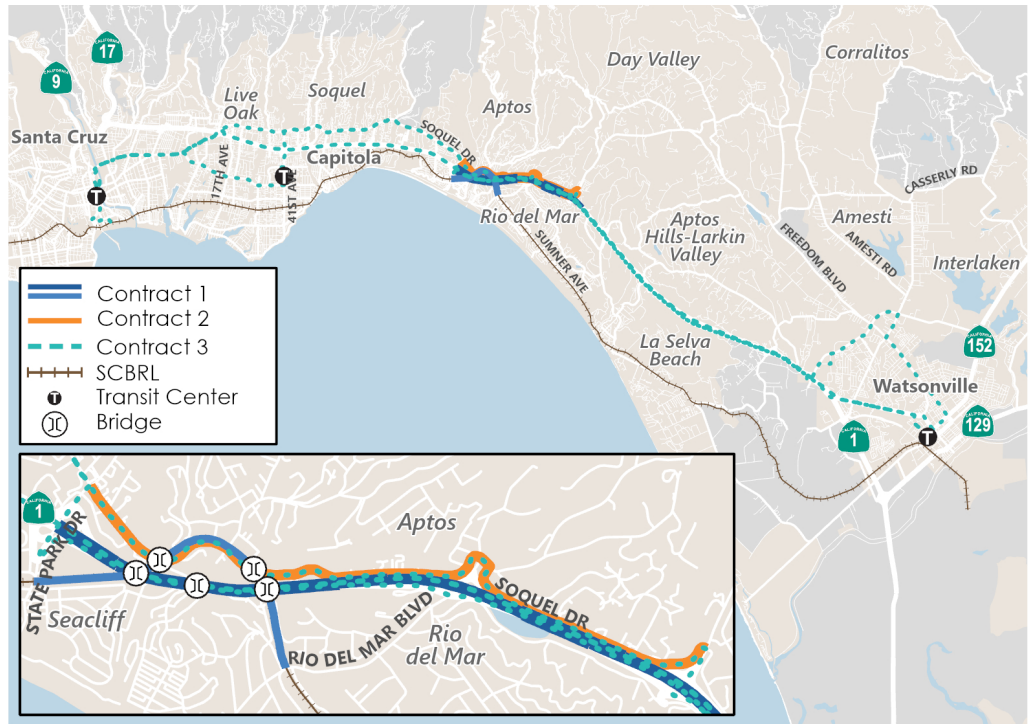
Watsonville-Santa Cruz Multimodal Corridor Program (WSC-MCP) Cycle 4 Project



PROJECT DESCRIPTION

The Watsonville-Santa Cruz Multimodal Corridor Program Cycle 4 Project (Project) improves three proximate and parallel routes: the Highway 1 freeway, the local cross-county bus routes primarily on Soquel Drive, and the Coastal Rail Trail. Due to local topographical constraints, they all come together in the central business district of the town of Aptos in mid-Santa Cruz County.

The Project improvements include the construction of bus-on-shoulder improvements on Highway 1 at three interchanges, two sets of auxiliary lanes, 1.25 miles of Class I path, four bicycle and pedestrian bridges, 3.2 miles of buffered and protected bike lanes, pavement rehabilitation, transit signal priority at 60 intersections, and enhanced rapid bus stops that will include in-lane bus boarding platforms at 23 locations and shelters, and real-time displays at 57 locations to implement rapid bus service between Watsonville and Santa Cruz local and regional routes. The improvements will work together to reduce congestion, improve travel times, improve air quality, and support the mobility needs of low-income communities.



Highway 1
Bus on Shoulder &
Auxiliary Lanes



Segment 12
Coastal Rail Trail



Rapid Routes



Soquel Drive
Multimodal



PROJECT GOALS AND BENEFITS



Provide high quality transportation choices to reduce countywide VMT



Eliminate barriers to mobility created by the Highway 1 to reconnect the community



Reduce travel times and vehicle hours of delay along the Highway 1 corridor



Reduce mobile source emissions and improve air quality and public health



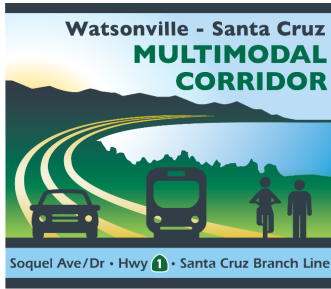
Increase transit frequency and on-time performance at 57 locations to implement rapid bus service between Watsonville and Santa Cruz



Advance equity through competitive, low-cost transportation alternatives serving disadvantaged communities, including more frequent bus service and improvements to complete streets facilities



Enhance safety and mobility for vehicles, transit, bicycles, and pedestrians

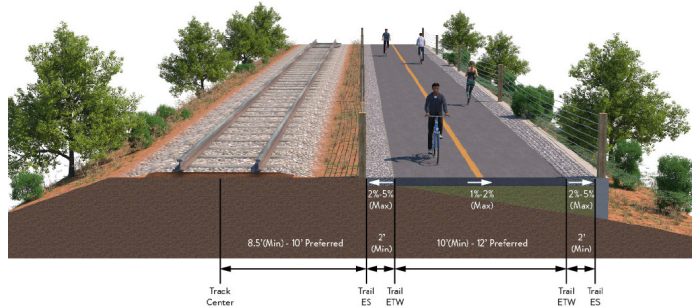


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CONTRACT 1 - HIGHWAY 1 + RAIL TRAIL

- Add Bus on Shoulder (BOS) hybrid facility between the State Park and Freedom interchanges
- Add two sets of auxiliary lanes (State Park to Rio Del Mar, Rio Del Mar to Freedom)
- Widening of the Highway 1 bridge over Aptos Creek and Spreckles Drive
- Install soundwalls and retaining walls
- Add four bicycle and pedestrian overcrossing bridges
- Add 1.25 miles of Coastal Rail Trail along RTC-owned Santa Cruz Branch Rail Line (SCBRL)



CONTRACT 2 - SOQUEL DRIVE

- Install 3.2 miles buffered and protected bike lanes. Stripe green bike boxes and green conflict markings at 4 intersections
- Add 4,745 feet of sidewalk gap closures and upgrades, connections to Aptos schools
- Install 16 ADA curb ramps and 8 curb extensions at intersections
- Upgrade crosswalk visibility at 3 intersections

SCHEDULE

SCHEDULE	2022	2023	2024	2025	2026	2027	2028	2029
CONTRACT 1		Env		Design & ROW			Con	
CONTRACT 2				Env	Design & ROW		Con	
CONTRACT 3				Env	Design & ROW		Con	

CONTRACT 3 - RAPID INFRASTRUCTURE

- Install in-lane boarding platforms or bus bulbs at 23 stops
- Install shelters and real-time arrival displays at 57 locations
- Relocate and consolidate 80 bus stops
- Add transit signal priority at 60 intersections and queue jumps at 7 locations
- Transit only lanes accessing Santa Cruz Transit Center
- Add crosswalk improvements at 8 locations

COST

COST (in millions)	SCPP/LPP/TCEP	SCPP/LPP		TOTAL
	CONTRACT 1	CONTRACT 2	CONTRACT 3	
Pre-Construction Local Match	\$30,561	\$5,627	-	\$36,188
Construction Local Match	\$119,954	-	\$10,043	\$129,997
Construction SB 1 Request	\$93,574	\$21,290	\$13,686	\$128,700
Total	\$244,089	\$26,917	\$23,879	\$294,885