

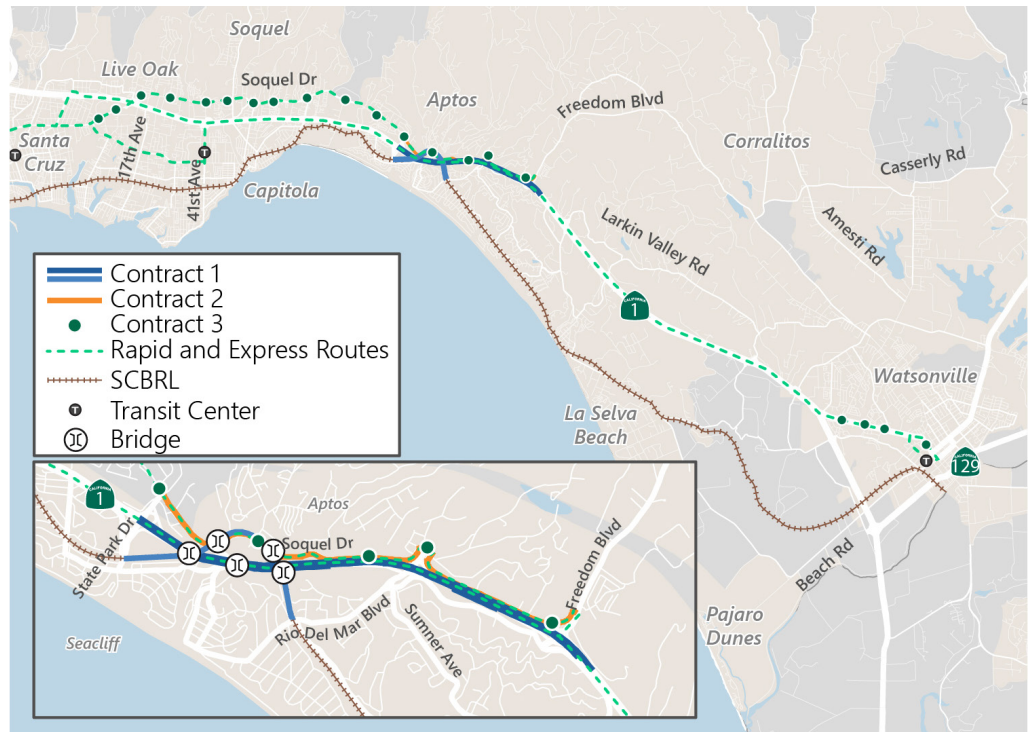
# Watsonville-Santa Cruz Multimodal Corridor Program (WSC-MCP) Cycle 3 Project



## PROJECT DESCRIPTION

The Watsonville-Santa Cruz Multimodal Corridor Program Cycle 3 Project (Project) improves three proximate and parallel routes: the Highway 1 freeway, Soquel Drive, and the Santa Cruz Branch Rail Line 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, 2.4 miles of buffered and protected bike lanes, pavement rehabilitation, traffic signal upgrades, and enhanced rapid bus stops that will include in-lane bus boarding platforms, bus shelters, and real-time displays. Improvements will be made to the Watsonville Transit Center and bus stops in Watsonville to serve 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 Bus Stops



Soquel Drive  
Multimodal



## PROJECT GOALS AND BENEFITS



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



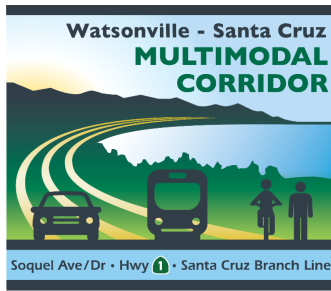
Eliminate barriers to mobility created by the Highway 1 to reconnect the community



Reduce mobile source emissions and improve air quality and public health



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

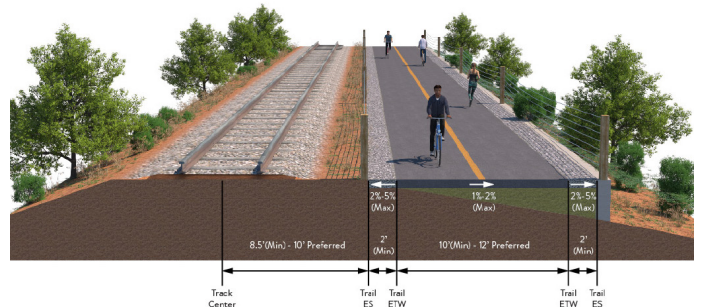


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## CONTRACT 1 - HIGHWAY 1 + RAIL TRAIL

- 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

- Provide upgrades to signals to feature adaptive signal control
- Add transit priority at signals
- Install buffered and protected bike lanes
- Add sidewalk gap closures and upgrades, connections to Aptos schools
- Install ADA curb ramps at intersections
- Upgrade crosswalk visibility by installing rapid flashing beacons

## SCHEDULE

SCHEDULE	2020	2021	2022	2023	2024	2025	2026	2027
CONTRACT 1		Env		Design & ROW		Con		
CONTRACT 2			Env	Design & ROW		Con		
CONTRACT 3			Env	Design & ROW		Con		

## CONTRACT 3 - TRANSIT

- Add two zero-emission buses for SC Metro's Cross-County Routes
- Install in-lane bus boarding platforms at 34 locations
- Add bus shelters at 40 locations
- Provide solar-powered real time arrival displays at 41 locations
- Add ticket validators at 38 locations

## COST

COST (in millions)	HWY 1 + COASTAL RAIL TRAIL CONTRACT 1	SOQUEL DRIVE MULTIMODAL CONTRACT 2	RAPID BUS STOPS CONTRACT 3	TOTAL
Pre-Construction Local Match	\$30.6	\$4.3	\$0.9	\$35.8
Construction Local Match	\$67.3	\$3.7	\$2.4	\$73.4
Construction SB 1 Request*	\$83.0	\$14.9	\$9.6	\$107.5
<b>Total</b>	<b>\$180.9</b>	<b>\$22.9</b>	<b>\$12.9</b>	<b>\$216.7</b>

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