Watsonville to Santa Cruz Multimodal Corridor Program

Sarah Christensen P.E.
RTC Staff
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Background

Planned Multimodal Improvements

**HIGHWAY 1**
- Bus on Shoulder
- Auxiliary Lanes
- Standard Shoulders
- Bike/Ped Overcrossings

**RAIL CORRIDOR**
- Coastal Rail Trail
- Transit Service

**SOQUEL/FREEDOM**
- Buffered Bike Lanes
- Flashing Beacon Pedestrian Crossings
- ADA Pedestrian Facilities
- Adaptive Signal Control with Transit Priority

**Pajarol/Watsonville Multimodal Transportation Station**
SB1 Cycle 2 Project
SB1 Cycle 2 Project

Soquel Drive

- Cape seal of the existing pavement
- Upgrades to 23 signals with adaptive signal control
- Transit priority at 23 signals
- Buffered/protected green bike lanes
- Green bike boxes at intersections to facilitate left turn movements
- Sidewalk gap closures and upgrades
- 94 ADA curb ramps at intersections
- 70 crosswalk upgrades
- 10 new mid-block crosswalks with rapid flashing beacons

Highway 1

- Three sets of auxiliary lanes (Soquel to 41st, Bay/Porter to Park, and Park to State Park)
- Soundwalls & Retaining Walls
- A bus on shoulder (BOS) hybrid facility between the Morrissey and State Park interchanges
- Bicycle and pedestrian overcrossing bridges at Chanticleer Avenue and Mar Vista Drive
- Replacement of the Capitola Avenue local roadway overcrossing, with bicycle and pedestrian improvements
# SB1 Cycle 2 Funding

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<th>Soquel Dr</th>
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Soquel Drive
Soquel Drive - Schedule

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Highway 1
Highway 1

- **Construction 2022**: 2.75 miles
- **Construction 2023**: 3 miles
- **Environmental Phase**: 1.75 miles

**LEGEND**
- Green: Existing Auxiliary Lanes
- Orange: Proposed Auxiliary Lanes
- Purple: Bus on Shoulder
- Dotted Line: Santa Cruz Metro 91X - Commuter Express Santa Cruz/Watsonville

**Phase 1**
- Construction 2022
- 2.75 miles

**Phase 2**
- Construction 2023
- 3 miles

**Phase 3**
- Environmental Phase
- 1.75 miles
Highway 1

EXISTING

PROPOSED
Capitola Avenue Bridge

View the video and take the survey
# Highway 1 - Schedule

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<th>2020</th>
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Proposed Cycle 3 Project
SB1 Cycle 3 Project

- Upgrades to signals with adaptive signal control
- Transit priority at signals
- Buffered/protected green bike lanes
- Sidewalk gap closures and upgrades, connections to Aptos schools
- ADA curb ramps at intersections
- Crosswalk upgrades & rapid flashing beacons

Soquel Drive
- 2 sets of auxiliary lanes (State Park to RDM, RDM to Freedom)
- Widening of Highway 1 bridge over Aptos Creek
- Soundwalls & Retaining Walls
- A Bus on Shoulder (BOS) hybrid facility between the State Park and Freedom interchanges
- 4 Zero Emission Buses for SC Metro's Cross-County Route (91X)
- 2 Bicycle and Pedestrian Overcrossing Bridges

Highway 1
- 1.25 miles of Coastal Rail Trail along RTC-owned SCBL
- New crosswalks & rapid flashing beacons at 5 at-grade intersections
- 2 Bicycle and Pedestrian Overcrossing Bridges over Soquel Drive/Aptos Creek, and Soquel Drive/Valencia Creek
- Connections to Aptos Park, Aptos Village, Seacliff & Rio del Mar neighborhoods

Coastal Rail Trail
- 1.25 miles of Coastal Rail Trail along RTC-owned SCBL
- New crosswalks & rapid flashing beacons at 5 at-grade intersections
- 2 Bicycle and Pedestrian Overcrossing Bridges over Soquel Drive/Aptos Creek, and Soquel Drive/Valencia Creek
- Connections to Aptos Park, Aptos Village, Seacliff & Rio del Mar neighborhoods
SB1 Cycle 3 Project – Highway 1

PHASE 3
Environmental Phase
1.75 miles

PHASE 2
Construction
2023
3 miles

PHASE 1
Construction
2022
2.75 miles

LEGEND
- Existing Auxiliary Lanes
- Proposed Auxiliary Lanes
- Bus on Shoulder
- Santa Cruz Metro 91X - Commuter Express Santa Cruz/Watsonville
SB1 Cycle 3 Project

Cycle 3:
- Transit stop Upgrades for Metro’s 91X Route
- Zero Emission Buses for Commuter Routes

Planned Multimodal Improvements

**HIGHWAY1**
- Bus on Shoulder
- Auxiliary Lanes
- Standard Shoulders
- Bike/Ped Overcrossings

**RAIL CORRIDOR**
- Coastal Rail Trail
- Transit Service

**SOQUEL/FREEDOM**
- Buffered Bike Lanes
- Flashing Beacon Pedestrian Crossings
- ADA Pedestrian Facilities
- Adaptive Signal Control with Transit Priority
SB1 Cycle 3 Project
SB1 Cycle 3 Next Steps

- Continue development of Cycle 3 projects
- Complete CEQA analysis – required for SB1 competitive funds
- Continue Community Outreach for Multimodal Corridor Projects
- Information about potential financing of Measure D
- Staff will recommend programing of Measure D funds as match for construction
Questions/Discussion