

Measure D Annual Report Cover Sheet

Fiscal Year 2019/20

Investment Category: Highway Corridors (25%)

Lead: Santa Cruz County Regional Transportation Commission (SCCRTC)


Dear Measure D Taxpayer Oversight Committee: The SCCRTC is pleased to present the following information demonstrating compliance with the voter-approved Measure D Ordinance, Strategic Implementation Plan (SIP), agreements and guidelines. Collectively they make up the Measure D annual report for the Highway Corridors Measure D investment category.

As noted in the Measure D Expenditure Plan, this investment category includes: Highway 1 auxiliary lanes, and bike/pedestrian over-crossings, traveler information and Transportation Demand Management (TDM), and highway safety and congestion reduction programs.

Measure D Financial Information	
FY19/20 Formula Allocation	\$5,148,258.15
Unspent Prior Year Allocations	\$10,585,768
Interest earned on Unspent Prior Allocations	\$239,693.84
Total Measure D Funding Available in FY19/20	\$15,973,720
Total Measure D Funds Spent in FY19/20	\$1,340,086.77
Total Measure D Rollover to FY20/21	\$14,633,634.02
Maintenance of Effort	
FY19/20 LOCAL funds spent on transportation projects, operations, and/or services <i>(excludes grants & Measure D funds)</i>	\$2,617,436
Maintenance of Effort Baseline <i>(average amount of local funds spent on transportation projects in 3-5 fiscal years prior to 2017)</i>	\$2,114,952
Measure D Compliance Documents	
Document	Attached (check)
1. FY19/20 Annual Report Cover Sheet <i>(this document)</i>	X
2. FY19/20 Audited Financials for Measure D funds	X – For all regional projects
3. FY19/20 Expenditure Report Spreadsheet <i>(shows what Measure D formula funds were spent on)</i>	X
3a. Grouped projects supplemental information	NA
4. Map: Attach or provide web link to map(s) of projects funded with Measure D funds in FY19/20 (for projects with specific locations).	Attached and in fact sheets
5. FY19/20 Performance Measures Report - <i>only applies to direct recipients (cities, county and transit agencies)</i>	NA
6. Maintenance of Effort Compliance Spreadsheet: <i>List of local funds spent on transportation projects through FY19/20 as compared to the 3-5 years prior to FY16/17.</i>	X For all regional projects
a. If FY19/20 Local funds expended were lower than Baseline amount, explain why: NA. Baseline MOE met.	NA
7. Indirect cost allocation plan: Does your agency have an indirect cost allocation plan (ICAP)?	Yes

a. Date of most recent ICAP: <u>March 13, 2020</u>	
8. 5-Year Program of Projects (5-Year Plan): <i>List showing planned use Measure D formula funds in the next 5 years.</i>	x
a. Evidence that the 5-year program of projects was approved through a public process. <ul style="list-style-type: none"> i. Public hearings at <u>RTC meetings</u>: <ul style="list-style-type: none"> • 6/6/2019: https://sccrtc.org/rtc-holding-public-hearing-on-measure-d-5-year-transportation-investment-plans/ • 9/3/2020: https://sccrtc.org/public-hearing-measure-d-five-year-plan-adoption/ ii. Advisory Committee Review of draft plans: April 2019 <ul style="list-style-type: none"> • <u>Bike Committee</u>: https://sccrtc.org/wp-content/uploads/2019/04/BAC_April_2019_Packet.pdf • <u>Elderly and Disabled Transportation Advisory Committee (E&D TAC)</u>: https://sccrtc.org/wp-content/uploads/2019/04/00_Packet_19April09.pdf • <u>ITAC</u>: https://sccrtc.org/wp-content/uploads/2019/04/Apr2019-ITAC-packet.pdf 	X See RTC website for staff reports
b. Date of 5-Year Plan Public Hearing soliciting input on 5-Year Plan	Date: 6/6/19 & 9/3/20
c. Date annual 5-year Plan approved by Governing Board – <i>*Interim amendments also made during RTC public meetings</i>	Date: 6/6/19 & 9/3/20*
9. Complete Streets Compliance (Cities/County only)	NA- but complete streets included in projects
10. Annual Report Narrative <i>(may be included in Management & Admin section of audit)</i>	
a. Fund Balances, Carryover Projects, and Description of planned, longer-term and future uses of Measure D revenues, if known. <ul style="list-style-type: none"> • 25% of Measure D net revenues are allocated to the Highway Corridors investment category. The fund balance (funds that have not yet been expended) is kept in a separate trust fund and tracked via the accounting system ledgers and programming spreadsheets. Most of the Highway 1 projects currently programmed to receive Measure D funds in the 5-year plan were undergoing environmental review, design, and/or right-of-way in FY19/20. • Using Measure D funds to advance pre-construction activities and provide match made Highway 1 auxiliary lanes/bus-on-shoulder/bike-ped crossing projects more competitive for over \$90 million in SB1-Solutions for Congested Corridors Program (SCCP) and Local Partnership Program (LPP) grants in 2020 for Highway 1 projects between State Park Drive and Soquel Dr. • Because of grants secured from the state, some of the Highway Corridor funds are being used to expedite delivery of the Highway 17 Wildlife Project and reduce debt service paid from Measure D revenues. The inter-program loan to the Wildlife Crossing will be repaid with interest to the Highway Corridors “bucket.” • The Measure D 5-year plan and Strategic Implementation Plan provide additional information on Measure D fund management and long term planned use of Measure D revenues. 	x

<p>b. Future Liabilities: Measure D funds are being focused on pre-construction activities and to serve as a match to make projects more competitive for grants. In FY19/20 Measure D funds were used to initiate Highway 1 auxiliary lanes/bus-on-shoulder between Freedom Blvd-Rio Del Mar-State Park Drive interchanges. As this project completes pre-construction activities and becomes “shovel ready” using Measure D and some state and federal funds, the RTC intends to use Measure D funds to leverage grants for the construction phase. In the event that the RTC is unable to secure sufficient state and federal grants for construction of the section of auxiliary lanes between State Park Dr and Freedom Blvd, the RTC may consider financing options in the future to accelerate project delivery.</p> <p>While the RTC successfully secured over \$90 million in competitive SB1 Solutions for Congested Corridors Program (SCCP) and Local Partnership Program (LPP) grants from the California Transportation Commission (CTC) in 2020 for Highway 1 Auxiliary Lanes and bike/ped crossings between Soquel Dr and State Park Dr interchanges, if actual costs are higher, the RTC may need to use additional Measure D funds on the projects. The 41st-Soquel Drive auxiliary lanes/bus-on-shoulder and Chanticleer bike/ped bridge project is scheduled to go out to bid Summer 2021.</p>	
<p>c. Compliance with Applicable Laws: <i>Confirm projects were implemented in compliance with applicable laws, regulations, requirements, standards of practice, guidelines, etc. which are applicable to publicly funded transportation projects are met and adhered to, including requirements of the California Environmental Quality Act (CEQA), state design and procurement requirements, etc.</i></p>	<p>Yes, environmental documents and design are compliant with state & federal regulations.</p>
<p>Public Outreach/Notification of Use of Measure D Funds</p>	
<p>11. Public Outreach/Process: During FY19/20 the RTC conducted outreach on Highway Corridors projects and programs through:</p> <ul style="list-style-type: none"> • Fact sheets • Enews to people who signed up for project updates • Website updates • Social media updates • Public hearing on 5-year plan • News releases • Tabling at community events • Online workshops, videos and surveys 	<p>x</p>
<p>12. Sample(s) of public outreach on Measure D-funded projects 7/1/19-6/30/20</p>	
<p>a. Websites with Measure D information</p> <ul style="list-style-type: none"> • www.sccrtc.org/move • https://sccrtc.org/funding-planning/measured/regional-projects/ • http://www.cruz511.org/ • https://sccrtc.org/meetings/tos-safe-on-17/ • https://sccrtc.org/services/motorist/ 	<p>x</p>
<p>b. News Articles and News Releases:</p>	<p>x</p>

<ul style="list-style-type: none"> • https://sccrtc.org/online-open-house-now-open-for-highway-1-auxiliary-lanes-and-bus-on-shoulder-project/ • https://sccrtc.org/community-feedback-sought-on-chanticleer-bike-ped-overcrossing-design-aesthetics/ • https://sccrtc.org/rtc-and-caltrans-to-hold-public-information-meetings-on-highway-1-projects-under-development/ • https://sccrtc.org/public-comment-period-on-highway-1-auxiliary-lane-project-draft-environmental-impact-report-now-open/ • https://sccrtc.org/draft-2020-measure-d-strategic-implementation-plan-now-available/ • https://sccrtc.org/measure-d-annual-report-released-2/ • https://sccrtc.org/rtc-and-caltrans-to-hold-public-information-meetings-on-highway-1-projects-under-development/ • https://sccrtc.org/community-input-sought-on-mar-vista-bicycle-pedestrian-overcrossing-project/ • https://sccrtc.org/rtc-survey-on-covid-19s-impacts-on-commuting/ • https://www.santacruzsentinel.com/2020/02/06/rtc-aims-to-improve-traffic-on-highway-1/ 	
<p>c. Signage: The Measure D logo, informing the community of projects funded by Measure D, was included on project fact sheets, the RTC website. While no construction projects were implemented in FY19/20, Measure D signage will be included in project design and bid documents.</p>	<p>X</p>
<p>13. Photos: <i>Highway 1 Public Outreach Meetings</i></p> 	

	
14. Fact Sheets on larger projects: Attached	x

Contacts

Designated staff available to report on or answer any and all inquiries in regard to Recipient Agency's audit, projects and expenditures, and/or compliance with Measure D before the RTC and/or the Measure D Taxpayer Oversight Committee or RTC advisory committees, as applicable.

Name	Title	Email
Tracy New	Director of Budget and Finance	tnew@sccrtc.org
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Sarah Christensen	Highway program manager/Engineer	schristensen@sccrtc.org
Amy Naranjo	FSP and Cruz511 programs manager	anaranjo@sccrtc.org

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MEASURE D EXPENDITURE REPORT - Direct Allocations

Reporting Year **FY19/20**

SCCRTC **Highway Corridors**

#	Project Name	Total Project Cost	FY19/20 Measure D Expenditures	Prior Year expenditures (if applicable)			Measure D TOTAL SPENT through reporting year	(Est) Future Year(s) Measure D Expenditures	Project in approved 5-year plan?
				FY16/17 Measure D Expenditures on this project	FY17/18 Measure D Expenditures	FY18/19 Measure D Expenditures			
1	Highway 1: Auxiliary Lanes and Bus on Shoulder from 41st to Soquel; Chanticleer Bike/Pedestrian Overcrossing	\$ 38,000,000	\$ 472,183.45			\$ 571,203.48	\$ 1,043,386.93	\$ 970,195.07	Yes
2	Highway 1: Auxiliary Lanes & Bus on Shoulder from State Park to Bay-Porter, Reconstruction of Capitola Avenue Overcrossing and Bicycle/Pedestrian Overcrossing at Mar Vista Dr	\$ 93,500,000	\$ 490,943.97			\$ 1,063.47	\$ 492,007.44	\$ 16,648,330.62	Yes
3	Highway 1: Auxiliary Lanes & Bus on Shoulder from Freedom to State Park, and Reconstruction of two railroad bridges, and widening of the bridge over Aptos Creek/Spreckles Drive	\$ 102,000,000	\$ 171,770.71				\$ 171,770.71	\$ 13,740,229.29	Yes
4	Santa Cruz County Regional Conservation Investment Strategy (RCIS) ¹	\$720,000	\$ 13,604.54				\$ 13,604.54	\$ 11,895.46	Yes
5	Cruz 511-Traveler Information and Commute Manager	\$200k-\$400k/year	\$ 94,939.17		\$ 50,000.00	\$ 41,252.73	\$ 186,191.90	Est.\$200k/yr	Yes
6	Safe on 17	\$125k/year	\$ 21,505.25			\$ 25,000.00	\$ 46,505.25	Est. \$50k/yr	Yes
7	Freeway Service Patrol	\$450k/year	\$ 75,139.68			\$ 129,413.15	\$ 204,552.83	Est. \$200k/yr	Yes
8	Completed: UCIS	\$1.2M	\$ -			\$ 199,807.51	\$ 199,807.51	\$ -	Yes
Total			\$ 1,340,086.77	\$ -	\$ 50,000	\$ 967,740	\$ 2,357,827		

1-RCIS funded from several Measure D investment categories

	FY 19/20 Measure D Revenues	FY 16/17 Measure D Revenues (4/1/17- 6/30/17)	FY 17/18 Measure D Revenues	FY 18/19 Measure D Revenues	Measure D Expended (FY16/17-19/20)	Fund Balance/ Carryover to Future Years
Allocation	\$ 5,148,258.15	\$ 852,728.00	\$ 5,199,740.00	\$ 5,360,487.14	\$ 2,357,827.11	\$ 14,633,634.02
Interest	\$ 239,693.84	\$ -	\$32,252	\$158,302		

MEASURE D EXPENDITURE REPORT

Project Description/Location				
#	Project Name	Project Description <i>(may include additional project components, ex. complete streets, traffic calming, crossing improvements, drainage upgrades, etc.)</i>	Location/Limits (if grouped project, list each location/limit)	Work Done in FY19/20 (e.g. planning, design, construction, right-of-way)
1	Highway 1: Auxiliary Lanes and Bus on Shoulder from 41st to Soquel; Chanticleer Bike/Pedestrian Overcrossing	Freeway operational improvement, bus on shoulder improvements, rehab roadway and drainage, improve bicycle/pedestrian access over freeway.	Aux lanes: Highway 1 between 41st Ave to Soquel Dr/Ave interchanges; Bike/Ped Bridge: Chanticleer Ave over Hwy 1	Final design and right-of-way
2	Highway 1: Auxiliary Lanes & Bus on Shoulder from State Park to Bay-Porter, Reconstruction of Capitola Avenue Overcrossing and Bicycle/Pedestrian Overcrossing at Mar Vista Dr	Freeway operational improvement, bus on shoulder improvements, soundwalls and retaining walls, reconstruct Capitola Ave. overcrossing with sidewalks and bike lanes	Aux lanes: Highway 1 between State Park Dr and Bay/Porter interchanges; Bike/Ped Bridge: Mar Vista Dr over Hwy 1	Environmental review and preliminary design
3	Highway 1: Auxiliary Lanes & Bus on Shoulder from Freedom to State Park, and Reconstruction of two railroad bridges, and widening of the bridge over Aptos Creek/Spreckles Drive	Freeway operational improvement, bus on shoulder improvements, soundwalls and retaining walls, reconstruct 2 railroad bridges and widen bridge over Aptos Creek/Spreckles Drive	Aux lanes & Bus-on-shoulder: Highway 1 between Freedom Blvd and State Park interchanges; Bike/Ped Bridge/Rail bridges over Hwy 1 in Aptos	Initiated environmental review and preliminary design
4	Santa Cruz County Regional Conservation Investment Strategy (RCIS) ¹	Match to Wildlife Conservation Board grant for early mitigation planning for transportation projects.	Countywide	Study development
5	Cruz 511-Traveler Information and Commute Manager	Ongoing system & demand management (TDM), includes Cruz511.org traveler information, carpool and other TDM programs	Countywide	Ongoing public info and assistance
6	Safe on 17	Ongoing system management program, involves increased CHP enforcement on Highway 17	Highway 17	CHP service
7	Freeway Service Patrol	Ongoing system management and congestion reducing program. Roving tow trucks removing incidents and obstructions during peak travel periods on Hwy 1 and Hwy 17	Hwy 1: Hwy 9-State Park; Hwy 17: Hwy 1-Summit	Roving tow trucks
8	Completed: UCIS	Unified Corridor Investment Study-Analysis of Highway 1 corridor projects - portion funded by Measure D -Hwy (other investment categories also provided funds)	Santa Cruz to Watsonville	NA

1-RCIS funded from several Measure D investment categories

MEASURE D EXPENDITURE REPORT

#	Project Name	Project Status/Timeline			Stats - If applicable				
		CEQA compliance (List type of doc & certification date - e.x. CE, 5/1/18)	Construction/ Implement schedule	Completion Date (actual or estimate)	New Bike Lane Miles	New Ped Path or Sidewalk Miles	Miles of pavement rehab/repair (pothole, seals, etc)	Rehab of bikeways, sidewalks, or ADA ramps included? (describe)	If Complete Streets not incorporated into project, why not?
1	Highway 1: Auxiliary Lanes and Bus on Shoulder from 41st to Soquel; Chanticleer Bike/Pedestrian Overcrossing	EIR/FONSI: 12/31/2018	2021 - pending funding availability	Est. 2022	0.4	0.2	1.4	Yes	Part of project
2	Highway 1: Auxiliary Lanes & Bus on Shoulder from State Park to Bay-Porter, Reconstruction of Capitola Avenue Overcrossing and Bicycle/Pedestrian Overcrossing at Mar Vista Dr	In progress. DEIR/EA released 11/20; est. final Spring 2021	Est. 2023	Est. 2024	0.5	0.2	3.8	Yes	Part of project
3	Highway 1: Auxiliary Lanes & Bus on Shoulder from Freedom to State Park, and Reconstruction of two railroad bridges, and widening of the bridge over Aptos Creek/Spreckles Drive	EIR/EA- Est. Spring 2022	Est. Fall 2024	Est. 2025	1.15	1.15	2.5	Yes	Part of project
4	Santa Cruz County Regional Conservation Investment Strategy (RCIS) ¹	na	ongoing	ongoing	na	na	na	na	na
5	Cruz 511-Traveler Information and Commute Manager	na	ongoing	ongoing	na	na	na	na	part of program
6	Safe on 17	na	ongoing	ongoing	na	na	na	na	na
7	Freeway Service Patrol	na	ongoing	ongoing	na	na	na	na	na
8	Completed: UCIS	na	na	1/19 study completed	na	na	na	na	na
					2.05	1.55	7.70		

1-RCIS funded from several Measure D investment categories

MEASURE D EXPENDITURE REPORT

#	Project Name	Leveraged Funds, if any		Measure D use FY19/20			Other
		Leveraged Fund Amounts (grants & other funds where Meas. D used as match)	Leveraged Fund Source(s) Name(s)	Measure D-funded Capital Costs	Measure D-funded Non-capital (non-infrastructure, outreach, admin)	Measure D-funded Indirect costs (and overhead)	Other Notes or Information (optional)
1	Highway 1: Auxiliary Lanes and Bus on Shoulder from 41st to Soquel; Chanticleer Bike/Pedestrian Overcrossing	\$ 35,301,608	STIP, HIP, SCCP	\$ 23,953.36	\$ 340,991.14	\$ 107,238.95	
2	Highway 1: Auxiliary Lanes & Bus on Shoulder from State Park to Bay-Porter, Reconstruction of Capitola Avenue Overcrossing and Bicycle/Pedestrian Overcrossing at Mar Vista Dr	\$ 76,285,000	STIP, SB1 SCCP & LPP		\$ 472,799.47	\$ 18,144.50	
3	Highway 1: Auxiliary Lanes & Bus on Shoulder from Freedom to State Park, and Reconstruction of two railroad bridges, and widening of the bridge over Aptos Creek/Spreckles Drive	\$ 1,190,000	SB 1 Local Partnership Program (LPP) formula		\$ 161,616.77	\$ 10,153.94	
4	Santa Cruz County Regional Conservation Investment Strategy (RCIS) ¹	\$ 645,000	Prop 68-\$594k; RCD \$51k		\$ 6,417.23	\$ 7,187.31	Additional Measure D Rail and Trail category expenditures shown under those reports
5	Cruz 511-Traveler Information and Commute Manager	\$ -	none yet		\$ 64,928.30	\$ 30,010.87	
6	Safe on 17	\$ -	none yet		\$ 21,505.25		
7	Freeway Service Patrol	\$ -	none yet		\$ 69,161.10	\$ 5,978.58	
8	Completed: UCIS	\$ -	under rail				Additional Measure D Rail and Trail category expenditures shown under those reports
		\$ 113,421,608		\$ 23,953	\$ 1,137,419	\$ 178,714	

1-RCIS funded from several Measure D investment categories

4. MAP OF MEASURE D HIGHWAY CORRIDORS PROJECTS



Measure D: 5-Year Program of Projects (FY20/21-FY24/25)

Amended 3/4/2021

Previously updated 6/6/19, 6/27/19, 2/6/20, 3/5/20, 5/7/20, 9/3/20, 11/5/2020, 12/3/2020.

Category: Highway Corridors (25% of Measure D Revenues)

	Project	Description	Schedule	Prior Years Spent	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	Total Measure D	3/4/2021 Updates
1	Highway 1: Auxiliary Lanes and Bus on Shoulder from 41st to Soquel; Chanticleer Bike/Pedestrian Overcrossing	Freeway operational improvement, bus on shoulder improvements, rehab roadway and drainage, improve bicycle/pedestrian access over freeway.	Summer 2021-2022	\$1,043,387	<u>\$746,585</u>	\$620,000	\$200,000	\$100,000	\$100,000	\$2,809,972	Adds \$226,390 in FY 20/21 to fully fund right of way support & capital
2	Highway 1: Auxiliary Lanes & Bus on Shoulder from State Park to Bay-Porter, Reconstruction of Capitola Avenue Overcrossing and Bicycle/Pedestrian Overcrossing at Mar Vista Dr	Freeway operational improvement, bus on shoulder improvements, soundwalls and retaining walls, reconstruct Capitola Ave. overcrossing with sidewalks and bike lanes	FY22/23	\$492,007	\$1,728,331	\$4,220,000	\$2,900,000	\$5,200,000	\$2,600,000	\$17,140,338	
3	Highway 1: Auxiliary Lanes & Bus on Shoulder from Freedom to State Park, and Reconstruction of two railroad bridges, and widening of the bridge over Aptos Creek/Spreckles Drive	Freeway operational improvement, bus on shoulder improvements, soundwalls and retaining walls, reconstruct 2 railroad bridges and widen bridge over Aptos Creek/Spreckles Drive	FY23/24	\$171,771	\$3,276,229	\$4,971,500	\$6,350,500	\$350,000	\$250,000	\$15,370,000	
4	Santa Cruz County Regional Conservation Investment Strategy - Grant match	Match to Wildlife Conservation Board grant for early mitigation planning for transportation projects.	2019-2022	\$13,605	\$8,922	\$2,974				\$25,500	
5	Cruz 511-Traveler Information and Commute Manager	Ongoing system & demand management (TDM), includes Cruz511.org traveler information, carpool and other TDM programs	Ongoing	\$186,192	\$250,000	\$200,000	\$200,000	\$200,000	\$225,000	\$1,261,192	
6	Safe on 17	Ongoing system management program, involves increased CHP enforcement on Highway 17	Ongoing	\$46,505	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$296,505	
7	Freeway Service Patrol	Ongoing system management and congestion reducing program. Roving tow trucks removing incidents and obstructions during peak travel periods on Hwy 1 and Hwy 17	Ongoing	\$204,553	\$166,099	\$174,404	\$183,124	\$192,280	\$201,894	\$1,122,355	
	Completed Projects	Unified Corridor Investment Study-Analysis of Highway 1 corridor projects	completed Jan 2019	\$199,808	\$0	\$0	\$0	\$0	\$0	\$199,808	
Estimated Annual Measure D Highway Corridors Expenditures				\$2,357,827	\$6,226,166	\$10,238,878	\$9,883,624	\$6,092,280	\$3,426,894	\$38,225,669	
8	Interprogram Loan for Hwy 17 Wildlife Crossing	Interprogram loan to allow Hwy 17 Wildlife Crossing project to proceed without bonding.	Interprogram Loan	\$0	\$0	\$479,999	\$2,549,000	-\$166,667	-\$166,667	\$2,695,666	
Total Expenditures (with loans & repayments)				\$2,357,827	\$6,226,166	\$10,718,877	\$12,432,624	\$5,925,614	\$3,260,228	\$40,921,335	



PROJECT FACT SHEET

Updated March 2021

Highway Corridor: Highway 1 Aux Lanes, BOS (41st Avenue to Soquel Drive), and Chanticleer Bicycle/Pedestrian Overcrossing

Project Description

The project will construct northbound and southbound auxiliary lanes and bus-on-shoulder improvements between the 41st Avenue and Soquel Avenue/Drive interchanges, and construct a new bicycle and pedestrian overcrossing at Chanticleer Avenue. Historically, this section of Highway 1 has been the busiest in the county, serving over 100,000 vehicles a day, providing access to the primary regional commercial/retail activity centers on 41st Avenue and regional medical facilities located on Soquel Drive. 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 bicycle/pedestrian overcrossing at Chanticleer Avenue provides an alternative route for bicyclists and pedestrians currently using the Soquel or 41st interchanges to cross over Highway 1. The overcrossing will be lighted, 12- to 14-foot wide, and will incorporate aesthetic treatments consistent with the visual character of the corridor and the adjacent community.

Unified Corridor Investment Study

Recognizing the need to address both existing transportation problems and future needs of Santa Cruz County, a Unified Corridor Investment Study (UCS) was undertaken to consider transportation options between Santa Cruz and Watsonville along three of the most important north to south transportation routes in the County, including the Highway 1 corridor. The study provides a rigorous analysis of how various groups of projects or scenarios advance the transportation goals of Santa Cruz County.



Project Highlights

- ▶ Improves traffic operations on Highway 1
- ▶ Improves bicycle and pedestrian connectivity to regional destinations and transit by providing a dedicated crossing for active transportation users at Chanticleer Avenue
- ▶ Adds infrastructure for buses to travel in the auxiliary lanes between interchanges and on the outside shoulder through interchanges
- ▶ Measure D funds are being used to accelerate the project development process
- ▶ Construction ready in early 2021, pending availability of funds

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 the work necessary to ready the project for construction, and as a match for future SB1 and federal construction grants. This project has environmental clearance and is currently competing for Cycle 2 of the SB1 Solutions to Congested Corridors Program, Local Partnership Program, and Active Transportation Program competitive funds.



PROJECT FACT SHEET

Updated March 2021

Highway Corridor: Highway 1 Aux Lanes, BOS (41st Avenue to Soquel Drive), and Chanticleer Bicycle/Pedestrian Overcrossing

Project Funding (in thousands)

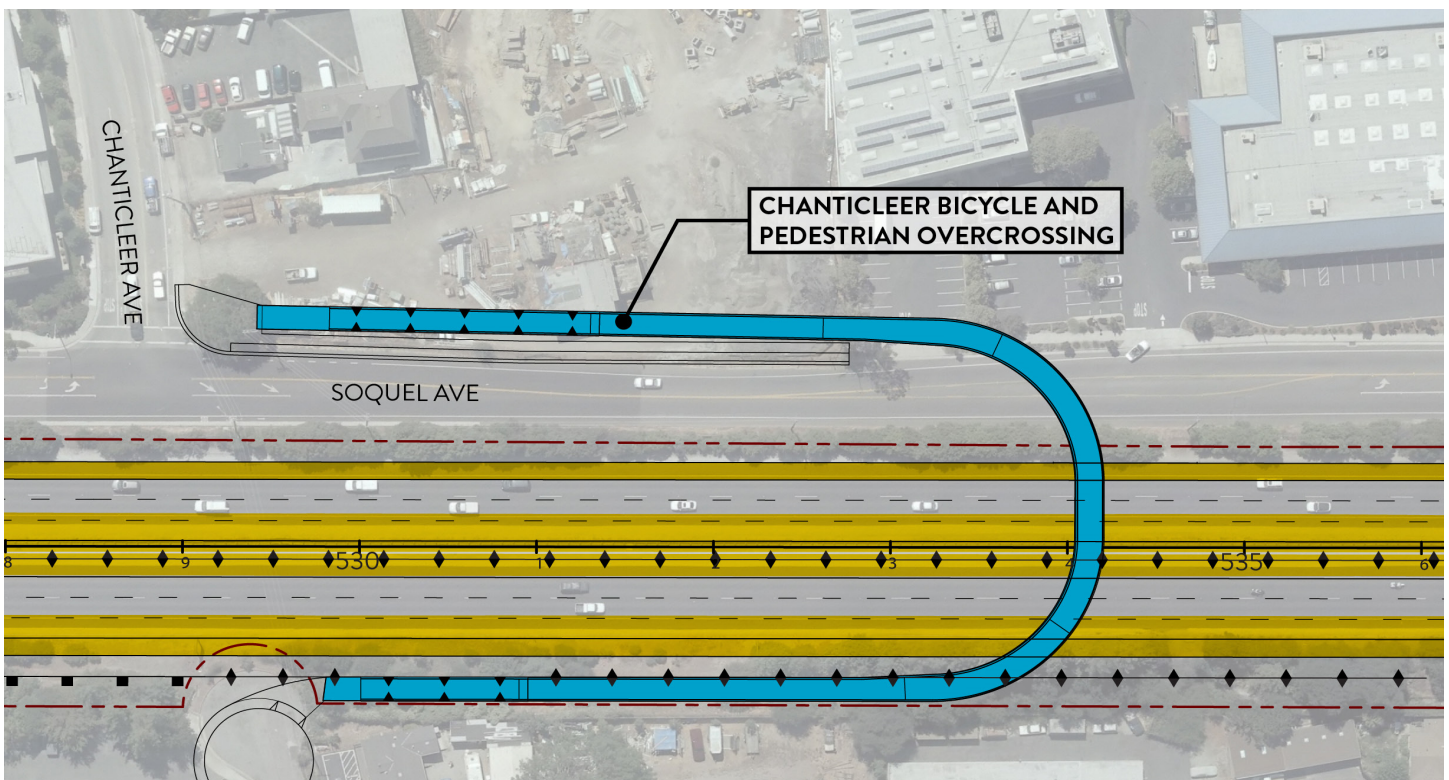
Estimated Project Cost	\$	37, 886
Funding Sources		
Measure D (Highway)	\$	2,584
Other Secured*	\$	35,302
Needed	\$	0

*Includes STIP, SB1 (SCCP and LPP programs) and HIP funds.



Project Status/Schedule

The Unified Corridor Investment Study was completed in 2019. The Environmental Impact Report was certified in 2019. The final design phase is currently underway and is expected to be completed in early 2021. The project is expected to go to construction in late 2021.





PROJECT FACT SHEET

Updated March 2021

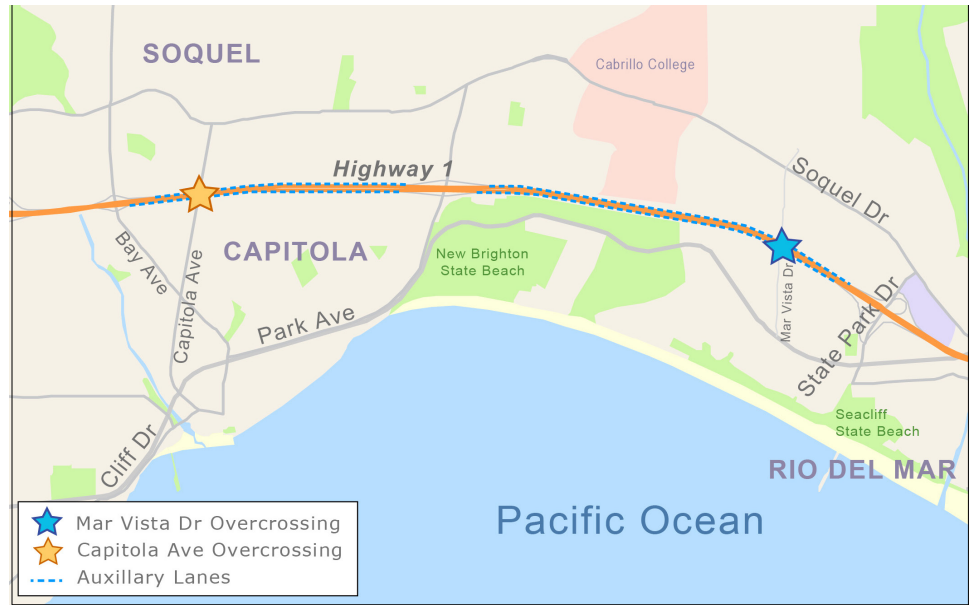
Highway Corridor: Highway 1 Aux Lanes, BOS (Bay Avenue/Porter Street to State Park Drive), and Mar Vista Bicycle/Pedestrian Overcrossing

Project Description

The project will construct northbound and southbound auxiliary lanes and bus-on-shoulder improvements between the Bay Avenue/Porter Street and State Park Drive interchanges and replace the existing Capitola Avenue local roadway overcrossing. This section of Highway 1 is one of the busiest in the county, providing access to the City of Capitola, Soquel and Aptos villages, and Cabrillo College. 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 new Capitola Avenue overcrossing will include enhanced bicycle and pedestrian facilities to improve connectivity for bicyclists and pedestrians between Soquel Drive to the north and the future Coastal Rail Trail to the south. The overcrossing, soundwalls, and retaining walls will incorporate aesthetic treatments consistent with the visual character of the corridor and the adjacent community.

The project also includes a new bicycle and pedestrian overcrossing (POC) at Mar Vista to provide a safe link between schools, the beach, residential neighborhoods and retail centers on each side of Highway 1. This POC was one of three bicycle and pedestrian overcrossings identified in the Highway 1 Corridor Investment Plan.



Project Highlights

- ▶ Improves traffic and safety operations on Highway 1
- ▶ Reduces cut-through traffic diverting to local streets and neighborhoods by adding auxiliary lanes between Bay Avenue/Porter Street and State Park Drive
- ▶ Improves bicycle and pedestrian connectivity to regional destinations and transit by providing enhanced bicycle and pedestrian facilities for active transportation users at Capitola Avenue
- ▶ Adds infrastructure for buses to travel in the auxiliary lanes between interchanges and on the outside shoulder through interchanges
- ▶ Improves bicycle and pedestrian connectivity to regional destinations and transit by providing a dedicated crossing for active transportation users
- ▶ Connects neighborhoods, schools, parks/beaches and commercial centers

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 the work necessary to ready the project for construction, and as a match for future SB1 and federal construction grants. Environmental clearance is expected to be obtained by 2021. The project is also competing for Cycle 2 of the SB1 Solutions to Congested Corridors Program and Local Partnership Program competitive funds.



PROJECT FACT SHEET

Updated March 2021

Highway Corridor: Highway 1 Aux Lanes, BOS (Bay Avenue/Porter Street to State Park Drive), and Mar Vista Bicycle/Pedestrian Overcrossing

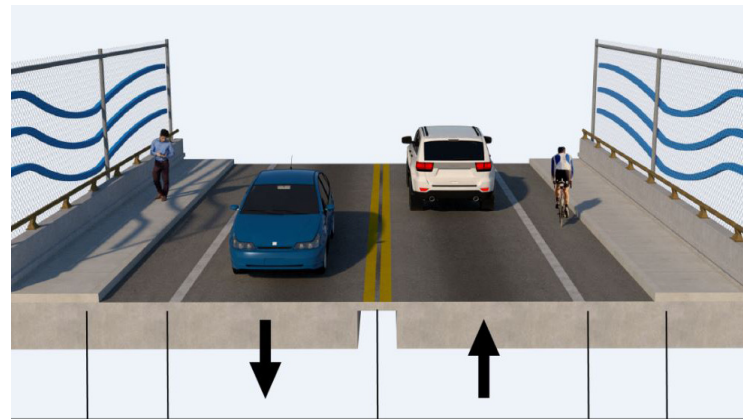
Project Funding (in thousands)

Estimated Total Cost	\$ 93,426
Funding Sources	
Measure D (Highway)	\$ 17,141
Other Secured*	\$ 76,285
Need	\$ 0

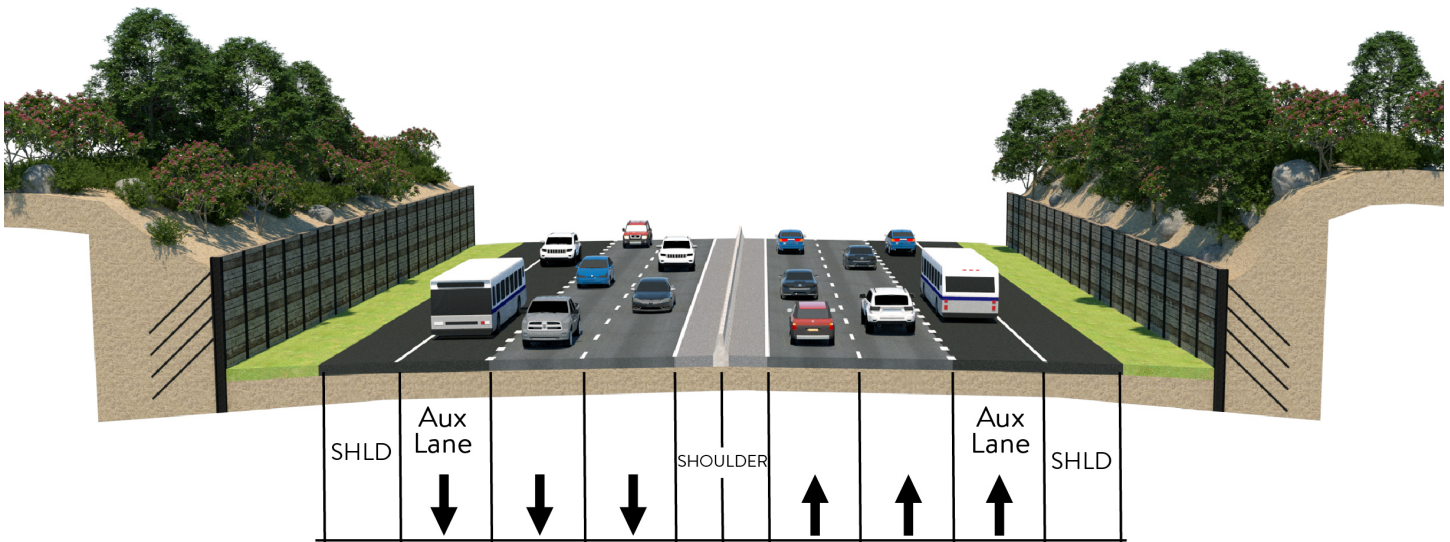
*Includes STIP and SB1 (SCCP and LPP programs) funds.

Project Status/Schedule

The project is in the environmental phase, which is expected to be completed in 2021. Final design is underway and expected to be completed by 2022. The project is expected to go to construction in 2023.



Preliminary rendering of Capitola Avenue Overcrossing



Preliminary rendering of auxiliary lanes



PROJECT FACT SHEET

Updated March 2021

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 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 new bridges will also be able to accommodate future high-capacity public transit and trail to improve multimodal transportation across the County. 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
- ▶ Accommodates future high-capacity public transit on the new railroad bridges
- ▶ 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 the work necessary to ready the project for construction, and as a match for future SB1 and federal construction grants. By obtaining environmental clearance by early 2022, this project can compete for cycle 3 of the SB1 Solutions to Congested Corridors Program, Local Partnership Program, and Active Transportation Program competitive funds.



PROJECT FACT SHEET

Updated March 2021

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

Project Funding (in thousands)

Estimated Total Cost	\$	102,000
Funding Sources		
Measure D (Highway)	\$	13,912
Other Secured	\$	1,190
Needed	\$	86,900



Project Status/Schedule

The environmental phase of this project is expected to be completed in 2022. The design phase is expected to begin in 2021. The project is expected to go to construction pending availability of funding.



Preliminary rendering of new railroad bridge



Highway Corridors: Freeway Service Patrol

Program Description

The Santa Cruz County Regional Transportation Commission (RTC) operates the Freeway Service Patrol (FSP) program in Santa Cruz County in conjunction with the Department of Transportation (Caltrans) and the California Highway Patrol (CHP). This program consists of two tow trucks patrolling Highway 1 from Highway 9 to State Park Drive and Highway 17 from Mount Herman Road to the Santa Clara County Line.

FSP tow trucks remove disabled vehicles from the highway at no cost to motorists. They reduce congestion on the highway by quickly clearing accidents, debris, and other incidents, and allowing traffic to return to normal conditions. They commonly perform tasks such as changing a flat tire, jump-starting a vehicle, or providing gas. Service is available during weekday commute hours and on a limited schedule on weekends.

The FSP program is designed to reduce congestion, improve safety, and reduce fuel consumption and auto emissions by minimizing the congestion associated with collisions and other incidents. The benefit/cost ratio for the Santa Cruz County FSP program is 4:1.



Program Highlights

- ▶ Reduces the number of traffic jams by quickly clearing accidents, debris, and other incidents
- ▶ Lessens the chain of further accidents and bottlenecks caused by passing drivers
- ▶ Saves fuel and cuts air-pollution emissions by reducing stop-and-go traffic
- ▶ Helps stranded motorists

Service Schedule

	WEEKDAYS		WEEKENDS	
	AM	PM	Saturday	Sunday
Hwy 1	6:00-9:00 a.m.	3:30-6:30 p.m.	No regular weekend service*	
Hwy 17	6:30-9:30 a.m.	3:30-6:30 p.m.	None	1:00-7:00 p.m.

*Special weekend service is provided during Spring Break and Summer.



PROJECT FACT SHEET

Updated March 2021

Highway Corridors: Freeway Service Patrol

Total Programming (in thousands)*

Total Funding Secured	\$	350/year avg.
Funding Sources		
Measure D (Highway)	\$	1,122 (FY17/18-24/25)
Other Secured**	\$	1,019

*Amounts show money programmed beginning in FY17/18 when Measure D funds first became available.

**Includes SB1, FSP, and STIP funds.



FSP Partners





Highway Corridors: Cruz511

Program Description

For more than 35 years, the RTC has offered transportation demand management (TDM) services to Santa Cruz County with the goal of using the existing transportation system more effectively by assisting travelers to use various modes of transportation, especially sustainable transportation modes. TDM programs use a multi-pronged approach to incentivize and support mode share changes to non-drive alone methods of transportation.

Cruz511, the RTC's TDM service, provides a comprehensive website of resources for travel options around the county, including a trip planner, bicycle maps, accessible travel options, and an interactive traffic map with real-time information on travel speeds, incident details, and lane closures on county roads and state highways. Knowledgeable travel counselors are also available to help people understand their options for getting around.

The Cruz511 program works with non-profits and community-based organizations to deliver messaging around transportation safety. Staff works closely with agencies implementing Vision Zero plans and campaigns around the county by providing resources and guidance. Cruz511 also provides a hazard reporting system where members of the public can report issues that impede access and mobility on our roadway networks.

In 2019, Cruz511 partnered with RideAmigos to launch MyCruz511, a commuter engagement and incentives hub for changing the way people commute to reduce traffic and pollution. The platform offers end-users a commuter dashboard, unified trip planner, workplace challenges, and gamification for sustainable commuting.

The MyCruz511 platform now open to all users! Register or login at my.cruz511.org. Use the trip planner to discover commute options. Log your commute trips for a chance to win prizes.



Program Highlights

- ▶ Provides sustainable commute choices to residents through coordination with major employers in the county
- ▶ Hosts an online and mobile platform to make sustainable commute choices easier for all people to access
- ▶ Coordinates with Metro to promote and encourage transit usage
- ▶ Provides education and informational messaging regarding safety and mobility options to the public

Total Programming (in thousands)

Total Funding	\$	300/year avg.
Funding Sources		
Measure D (Highway)	\$	1,300
Other Sources**	\$	995

*Amounts show money programmed beginning in FY17/18 when Measure D funds first became available.

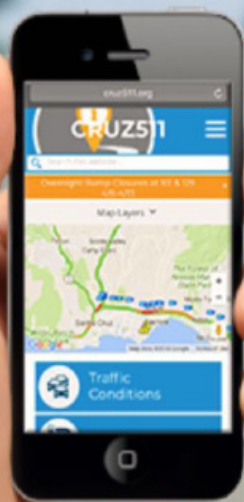
**Includes STBG, RSTPX, STIP, SAFE, City of Santa Cruz and Fund Interest



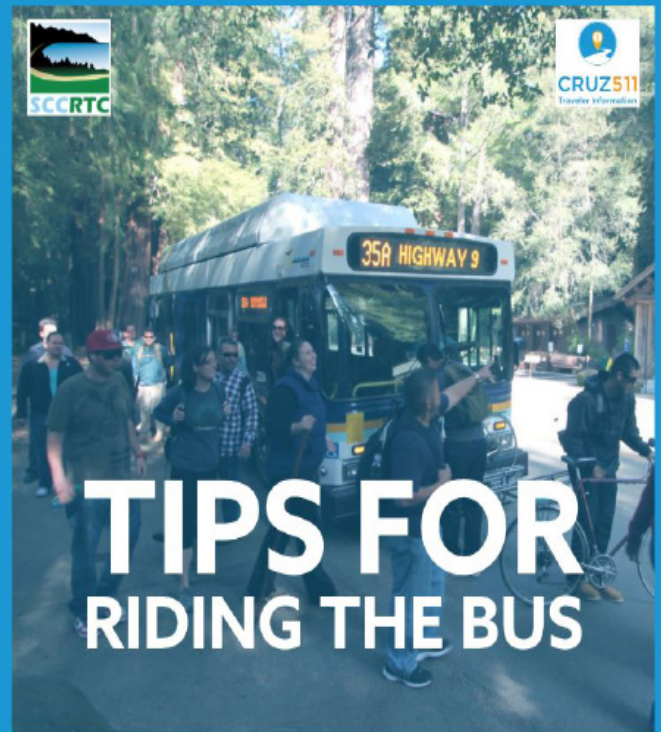
Highway Corridors: Cruz511



**CRUZ511
HOW
TO:
USE OUR
TRAFFIC
MAP**



**TIPS FOR
RIDING THE BUS**





Highway Corridors: Safe on 17

Program Description

The Highway 17 corridor was identified as a high-collision corridor in 1998 as a result of collision data analysis and recommendations of local, regional, county, and state agencies. The Safe on 17 Task Force was formed to develop and implement collision reducing strategies, such as additional CHP enforcement, traffic safety improvements, and public education. These strategies focus on preventing the occurrence of the top five Primary Collision Factors in fatal and injury collisions including driving at unsafe speeds, vehicle right-of-way violations, improper turning, and improper lane change.

The Task Force is comprised of representatives from the Santa Cruz County Regional Transportation Commission (RTC), the San Francisco Bay Area's Metropolitan Transportation Commission (MTC), the California Highway Patrol (CHP), the California Department of Transportation (Caltrans), local police and fire departments, legislators' offices, and the media. The RTC and MTC provide \$100,000 annually for enhanced CHP enforcement using Service Authority for Freeway Emergencies (SAFE) funds. SAFE funds come from a \$1 registration fee on all vehicles in the region and fund the highway call box system, Freeway Service Patrols on Highways 1 and 17 in addition to extra CHP enforcement on Highway 17, and other motorist-aid services. The RTC provides an additional \$50,000 annually to the program from Measure D funds.



Program Highlights

- ▶ Multi-agency, multi-jurisdictional effort to reduce injury and fatal collisions on Highway 17
- ▶ Encourages safer driving and deters traffic violations with extra CHP enforcement
- ▶ Implements road safety improvements to reduce wet weather and run-off-road collisions through guardrail upgrades, shoulder widening projects, and pavement surface treatments
- ▶ Increases safe driving practices, especially on mountainous highway roads, through education and public outreach

Meeting Schedule

The Safe on 17 Task Force meets twice a year to share information about transportation projects and collisions on Highway 17 and traffic operation systems in Santa Cruz County. Meetings are open to the public and all are welcome to attend. A teleconference option is available for those unable to attend meetings in person.

SAFE ON 17 MEETINGS	LOCATION	ADDRESS
3rd Wednesday in March	CHP San Jose	2020 Junction Ave., San Jose, CA
3rd Wednesday in September	RTC office	1523 Pacific Ave., Santa Cruz, CA



PROJECT FACT SHEET

Updated January 2021

Highway Corridors: Safe on 17

Total Programming (in thousands)

Total Funding	\$ 150/year
Funding Sources	
Measure D (Highway)*	\$ 50/year
Other Secured**	\$ 100/year

*In FY17/18 Measure D funds first became available.

**Includes MTC-SAFE and DMV-SAFE funds.

