



2018 Santa Cruz County Regional Transportation Improvement Program: State Transportation Improvement Program Proposal



*Submitted to the
California Transportation Commission
for the 2018 State Transportation
Improvement Program (STIP)*

12/7/2017

SANTA CRUZ COUNTY
2018 Regional Transportation Improvement Program
(RTIP)

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A. Overview and Schedule

Section 1. Executive Summary

The Santa Cruz County Regional Transportation Commission (RTC), as the state-designated Regional Transportation Planning Agency (RTPA) for Santa Cruz County, is responsible for selecting projects to receive certain state and federal transportation revenues, including State Transportation Improvement Program (STIP) funds. The RTC programs funds to specific projects and monitors those projects through its *Regional Transportation Improvement Program (RTIP)*.

Thanks to Senate Bill 1, new State Transportation Improvement Program (STIP) funding is available for programming for the first time since 2014.

In 2016, due to diminishing state gas tax revenues and diversion of transportation funds to repay state bond debt service, the California Transportation Commission (CTC) deleted over \$750 million in projects that had previously been programmed funds and delayed most other projects several years. This included \$7 million from a project in Santa Cruz County.



The RTC, Caltrans, local cities, the County of Santa Cruz, Santa Cruz METRO, and other local transportation providers greatly appreciate that substantial funding is finally available to maintain existing infrastructure and replace buses that are beyond their service life, reduce congestion and improve traffic flow and safety on state highways, and implement important multimodal projects. The ability to fund these projects is significant, as transportation agencies work to ensure safe access to jobs, schools, services, and the other places we travel in Santa Cruz County.

While Santa Cruz County voters approved a local measure on the November 2016 ballot to raise funds so that we are less dependent on state and federal gas tax revenues to address our transportation needs, the State Transportation Improvement Program (STIP) remains critical for addressing Santa Cruz County's multimodal needs.

The RTC is proposing projects only up to our formula target of STIP funds. The RTC is not requesting an advance of future funding shares. With a significant backlog of projects and an unprogrammed balance of over \$9 million in STIP funds, the RTC is requesting most of the region's new funds in FY18/19. Project sponsors are eager to deliver many of these projects over the summer of 2018. We appreciate the CTC's efforts to include all of these projects in the 2018 State Transportation Improvement Program (STIP). The RTC selected these projects through an extensive, open public process. Projects programmed for STIP funds in Santa Cruz County reflect the region's integrated, multimodal system that considers the wide range of access and mobility needs.

Section 2. General Information

Regional Agency: Santa Cruz County Regional Transportation Commission (SCCRTC)

Agency website links: <http://www.sccrtc.org>

RTIP document link: www.sccrtc.org/rtip

RTP link: <http://www.sccrtc.org/rtp.html>

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Section 3. Background of Regional Transportation Improvement Program (RTIP)

a. What is the Regional Transportation Improvement Program?

The Regional Transportation Improvement Program (RTIP) is a list of highway, local road, transit, and active transportation projects that a region plans to fund with State and Federal revenue programmed by the California Transportation Commission (CTC) in the State Transportation Improvement Program (STIP). The RTIP is developed biennially by the regions and is due to the CTC by December 15 of every odd numbered year. The program of projects in the RTIP is a subset of projects in the Regional Transportation Plan (RTP), a state-mandated master transportation plan which guides a region's transportation investments over a 20 to 25 year period. The RTP is based on all reasonably anticipated funding, including federal, state, and local sources. Updated every 4 to 5 years, the RTP is developed through an extensive public participation process in the region and reflects the unique mobility, sustainability, and air quality needs of each region.

b. The RTC's Historical and Current Approach to developing the RTIP

The process for developing the RTIP and STIP typically begins in the spring of odd numbered years when the CTC determines the financial assumptions to use in developing the STIP Fund Estimate. Based on those assumptions, the California Department of Transportation (Caltrans) estimates the amount of certain state and federal revenues anticipated for transportation statewide over the next five years. The CTC releases the draft

STIP Fund Estimate, as well as Guidelines for the development of the STIP, during the summer of odd years for public review and comment. The final fund estimate and guidelines are adopted by the CTC in late summer/early fall.

After projected state and federal transportation funds are split amongst Caltrans maintenance, administration, and operations; the State Highway Operation and Protection Program (SHOPP); various state transit programs; and Local Assistance programs, the balance is made available for the STIP. Seventy-five percent of the STIP funds are classified as “regional share” monies and programmed by regional agencies, such as the RTC. Caltrans identifies projects of statewide and interregional significance to receive the remaining twenty-five percent of STIP funds through the *Interregional Transportation Improvement Program (ITIP)*, which includes interregional state highway and rail projects. The RTC develops its RTIP based on the funds projected for Santa Cruz County. The RTC then develops the RTIP project list through a collaborative process with its committees, member agencies, and transportation planning partners. Any project proposed in the RTIP must be included in or be consistent with the *Regional Transportation Plan (2014 RTP adoption June 2014)*.

Santa Cruz County’s list of projects proposed for STIP funds and supporting documentation is then submitted to the CTC. After considering proposals submitted by Regional Transportation Planning Agencies (RTPA) statewide, the CTC makes the final determination on which projects are included in the STIP, in which year they are programmed, and when to release (allocate) funds to individual projects. In years when STIP funding requests exceed projected funds, the CTC may decide not to accommodate all of a region’s proposed projects and instead redirect funds to other counties.

The CTC adopts the STIP in the spring of even numbered years. If the CTC approved projects include federal funds or are for projects which could affect air quality conformity, those projects are then incorporated into the *Metropolitan Transportation Improvement Program (MTIP)*, the federally-mandated programming document prepared by the Association of Monterey Bay Area Governments (AMBAG).

Section 4. Completion of Prior STIP Projects

The following STIP- funded project has been completed since adoption of the 2016 Regional Transportation Improvement Program (RTIP).

Project Name	Location	Summary of Improvements/ Benefits
Freedom Blvd. Cape Seal	County of Santa Cruz: Freedom Blvd. (Hwy 1 to Pleasant Valley Rd.)	System Preservation

2016 STIP projects which are currently under construction or are scheduled to be implemented in spring 2018 and are not expected to be carried forward into the 2018 STIP include:

- Glen Canyon Rd/Green Hills Rd/S. Navarra Bike Corridor and Roadway Preservation in Scotts Valley
- Monterey Bay Sanctuary Scenic Trail Network (MBSST) - Segment 7 in Santa Cruz
- Green Valley Road Pavement Preservation (Struve Slough to Freedom Blvd) in Watsonville
- Airport Boulevard at Freedom Blvd Modifications in Watsonville
- Airport Boulevard Improvements from 1200 feet east of Westgate Drive/Larkin Valley Road to east of Hanger Way in Watsonville
- Harkins Slough Road and Main Street Sidewalk Infill in Watsonville
- MBSST- Segment 18 in Watsonville
- Freeway Service Patrol tow trucks on Highway 1 and Highway 17

Section 5. RTIP Outreach and Participation

a. RTIP Development and Approval Schedule

Action	Date
CTC adopts Fund Estimate and Guidelines	August 16, 2017
Caltrans identifies State Highway Needs	September 15, 2017
Notification to SCCRTC and Project Sponsors of available funds, RTC issues call for project	September 7-8, 2017
Applications due from project sponsors	October 23, 2017
RTC's Bicycle Committee, Elderly and Disabled Transportation Advisory Committee (E&D TAC), and Interagency Technical Advisory Committee (ITAC) review proposed projects and recommendations	November 2017
Public Hearing, RTC adopts 2018 RTIP and proposal for SB1 Local Partnership Program (LPP) formulaic funds	December 7, 2017
Regions submit RTIP and LPP proposals to CTC	December 15, 2017
Caltrans submits RTIP to CTC	December 15, 2017
CTC Adopts FY17/18-18/19 LPP Formulaic Program	January 31, 2018
CTC STIP Hearing, South	January 25, 2018
CTC STIP Hearing, North	February 1, 2018
CTC publishes staff recommendations	February 28, 2018
CTC Adopts 2018 STIP	March 21-22, 2018
RTC may consider modifying funding amount for non-STIP projects, if priority projects not included in the STIP	April/May 2018

b. Public Participation/Project Selection Process

The 2018 RTIP was developed in consultation with stakeholders and partner agencies, including Caltrans, the County of Santa Cruz, the cities of Capitola, Santa Cruz, Scotts Valley and Watsonville, the Santa Cruz Metropolitan Transit District (SCMTD), the University of California at Santa Cruz (UCSC), and local non-profits that provide community transportation services or implement local transportation programs. The 2018 carries over projects from the 2016 RTIP, as well as includes proposals for the region's targeted share of 2018 STIP funds. Projects were selected through a competitive consolidated application process for the region's formula shares of STIP, Local Partnership Program (LPP), Surface Transportation Block Grant Program (STBG) and State Transit Assistance (STA) funds. Following evaluation of project benefits, review of projects by RTC advisory committees (Bicycle Committee, Elderly and Disabled Transportation Advisory Committee (E&D TAC),

and Interagency Technical Advisory Committee (ITAC)), consideration of comment letters, petitions, and emails submitted by stakeholder groups and members of the public, as well as a well attended public hearing, the RTC selected projects at its televised December 7, 2017 meeting.

As set forth in the California Transportation Commission (CTC) STIP Guidelines, the RTIP is based on the Regional Transportation Plan that has been developed and updated pursuant to Government Code Section 65080, and a region-wide assessment of transportation needs and deficiencies. **The 2018 RTIP is reflective of the Santa Cruz County Regional Transportation Plan (RTP), which calls for a balanced multimodal transportation system.**

c. Consultation with Caltrans District 5

Consistent with the STIP Guidelines, Caltrans may nominate or recommend State highway improvement projects for inclusion in the RTIP. Caltrans can also identify any additional State highway improvement needs within the region that could reasonably be programmed within the three years beyond the end of the current STIP period. RTC staff met with Caltrans District 5 several times in 2017 to discuss possible STIP candidates. Caltrans did not submit any project applications for consideration by the RTC, however concurs that the **Highway 1 41st Avenue-Soquel Avenue Auxiliary Lanes and Chanticleer Bicycle/Pedestrian Bridge project (PPNO 73A), and Highway 1 auxiliary lanes between Bay/Porter and State Park Avenue interchanges (PPNO 73C) are the highest priority highway projects in the region.** Environmental review of the 41st Avenue-Soquel Ave auxiliary lane is part of tiered environmental document for the Highway 1 Corridor, primarily funded with Regional Surface Transportation Program (RSTP) funds. Since the region's STIP share is insufficient to fully fund the construction phase of these project, local voters approved Measure D, a new sales tax, to leverage state funds for these projects. The 2018 RTIP programs \$2 million in STIP that has been reserved for the projects since 2014. The RTC will be working in partnership with Caltrans to seek a Senate Bill 1 Congested Corridors grant for this priority project in a future Congested Corridor programming cycle.

The RTIP also includes STIP funds for the **Highway 1/9 Intersection** (PPNO 4658). The City of Santa Cruz is the lead agency for that project, with the City covering 70% of the project cost from local funds.

The RTIP also carries forward the **Highway 1 - Mar Vista bicycle/pedestrian overcrossing** (PPNO 1968), on which RTC is currently conducting environmental review.

B. 2018 STIP Regional Funding Request

Section 6. 2018 STIP Regional Share and Request for Programming

a. 2018 Regional Fund Share Per 2018 STIP Fund Estimate

The 2018 STIP Fund Estimate identifies Santa Cruz County's programming target for the 5 years of the 2018 STIP (FY18/19-FY22/23) as \$17,461,000. This funding is made up of:

- Unprogrammed Balance/Reserve from Prior STIP Cycles: \$9,279,000
- 2018 STIP Formula Share (through FY22/23): \$8,182,000

b. Summary of Requested Programming

The 2018 RTIP increases the amount of STIP:Regional Improvement Program (RIP) funds programmed to three projects carried over from the 2016 STIP, deletes one project, and includes ten new projects. See Section 14 for detailed proposal.

Proposed 2018 STIP: FY18/19-22/23

Changes proposed to projects carried over from 2016 STIP <i>(Strike though = 2016 STIP amount)</i>				
Project Sponsor	STIP PPNO	Project	Proposal	Proposed RIP
Santa Cruz	4658	State Routes 1/9 Intersection Improvements	Increase funds	\$329,000 \$2,853,000
County of Santa Cruz	2557	Casserly Rd Bridge Replacement	<u>Delete Project</u>	\$125,000
Santa Cruz	2732	Water St Pavement Rehabilitation	Shift funds from FY17/18 to FY18/19	\$398,000
SCCRTC/ Caltrans	73A	Hwy 1 41st Ave-Soquel Ave Auxiliary Lanes and Chanticleer Bike/Ped Bridge	Add reserved funds	\$2,250,000 \$6,000,000
SCCRTC	1968	Highway 1 Mar Vista Bike/Ped Overcrossing	Increase funds	\$6,114,000 \$6,779,000
SCCRTC	921	Planning, Programming & Monitoring (PPM)	Add \$409k FY20/21-22/23	\$174,000 \$583,000

Proposed New Projects				
Project Sponsor	STIP PPNO	Project	Proposal	Proposed RIP
SCCRTC/ Caltrans	0073C	SR1-State Park to Bay/Porter Auxiliary Lanes - Environmental review	New project	\$1,830,000
SCMTD	2827	METRO Refurbish Buses	New project	\$900,000
SCMTD	2828	METRO ITS Equipment	New project	\$1,400,000
SCMTD	2829	METRO Revenue Vehicle Replacements	New project	\$870,000
SCCRTC	2826	Cruz511 Traveler Information and Rideshare Program	New project	\$331,000
Santa Cruz, city	2824	River Street Pavement Rehabilitation	New project	\$775,000
Watsonville	2825	Freedom Blvd Reconstruction (Alta Vista Ave to Davis Rd)	New project	\$1,550,000
County of Santa Cruz	2821	Highway 17 to Soquel Corridor Roadway Preservation	New project	\$800,000
County of Santa Cruz	2823	Scotts Valley Area Routes Roadway Preservation	New project	\$832,000
County of Santa Cruz	2822	Zayante Road Corridor Roadway Preservation	New project	\$950,000
Total Proposed for 2018 STIP <i>(including carry over from 2016 STIP)</i>				\$26,851,000
New Funding Requested				\$17,461,000

Section 7. Overview of Other Funding to Deliver Regional STIP Projects

In addition to State Transportation Improvement Program (STIP) funds, projects proposed for STIP funds include a combination of local, state and federal funds.

Figures shown in \$000 (\$thousands)

Proposed 2018 RTIP	STIP funds	Local	Other	Total Cost
SR 1/9 Intersection Improvements	\$2,853	6,805		\$9,658
SR1 41st Ave-Soquel Ave Auxiliary Lanes and Chanticleer Bike/Ped Bridge	6,000	Measure D to cover balance	Proposed future SB1	32,079
SR1 Mar Vista Bike/Ped Overcrossing	6,779	2,000	752 (RSTPX)	9,531
SR1-State Park to Bay/Porter Auxiliary Lanes - Environmental review	1,830	2,970	Proposed future SB1 and Measure D	73,000
METRO Refurbish Buses	900	117		1,017
METRO ITS Equipment	1,400	181		1,581
METRO Revenue Vehicle Replacements	870	631	155 (RTC-LPP) 631 (MTD-LPP) 300 (HVIP)	1,956
Cruz511 Traveler Information and Rideshare Program	331	100	120 (RSTPX)	551
River Street Pavement Rehabilitation	775	1,000		1,775
Freedom Blvd Reconstruction (Alta Vista Ave to Davis Rd)	1,550	625		2,175
Highway 17 to Soquel Corridor Roadway Preservation	800	104		904
Scotts Valley Area Routes Roadway Preservation	832	108		940
Zayante Road Corridor Roadway Preservation	950	124		1,074
Planning, Programming & Monitoring (PPM)	409			409

Section 8. Interregional Transportation Improvement Program (ITIP) Funding

The purpose of the Interregional Transportation Improvement Program (ITIP) is to improve interregional mobility for people and goods in the State of California. As an interregional program the ITIP is focused on increasing the throughput for highway and rail corridors of strategic importance outside the urbanized areas of the state. A sound transportation network between and connecting urbanized areas ports and borders is vital to the state's economic vitality. The ITIP is prepared in accordance with Government Code Section 14526, Streets and Highways Code Section 164 and the STIP Guidelines. The ITIP is a five-year program managed by Caltrans and funded with 25% of new STIP revenues in each cycle. Developed in cooperation with regional transportation planning agencies to ensure an integrated transportation program, the ITIP promotes the goal of improving interregional mobility and connectivity across California.

No ITIP funding is proposed for projects in Santa Cruz County in the 2018 STIP.

Section 9. Projects Planned Within the Corridor – N/A

The Highway 1 corridor investment plan and Proposition 1B Corridor System Management Plan include construction of the Highway 1/9 intersection project, auxiliary lanes and bicycle/pedestrian crossings over Highway 1. The 2018 RTIP includes several projects which are part of the Highway 1 corridor plan.

C. Relationship of RTIP to RTP/SCS/APS and Benefits of RTIP

Section 10. Regional Level Performance Evaluation

Performance measures are included in the 2018 RTIP as required in the 2018 STIP Guidelines. The 2018 RTIP furthers the goals of the region's 2014 RTP, the AMBAG Metropolitan Transportation Plan/Sustainable Communities Strategy (MTP/SCS), and the draft 2040 RTP & MTP/SCS currently under public review. The following table reflects the regional level performance of measures included in the *2014 Regional Transportation Plan (RTP)*. The RTIP will facilitate implementation of the SCS and also identify any challenges the region is facing in implementing its SCS.

The RTC adopted specific criteria for the 2018 RTIP. As part of their application/Project Study Report (PSR)-equivalent, project sponsors were required to explain how their projects would address these criteria, as well as implement complete streets.

- 1. Number of people served by project**
- 2. Safety and health benefits**
- 3. Preservation of existing infrastructure**
- 4. Reduce vehicle miles traveled, air pollution, greenhouse gas emissions and/or fuel consumption**
5. Improve access for all modes, especially to and within key destinations
6. Change in travel times and travel time reliability and efficiency of the transportation system, including transit
7. Change in passenger, freight and goods movement efficiency
8. Change in disparities in safety and access for people who are transportation disadvantaged due to age, income, disability or minority status
9. Inclusion of projects in the Regional Transportation Plan (RTP) "constrained" project list, which implements the SB375-mandated Sustainable Communities Strategy (SCS)
10. Consistency with the Monterey Bay Area Complete Streets Guidebook
11. Public engagement - in identification of the project as a priority and planned during project implementation
12. Funding, including if all other funding is secured and amount of match
13. Deliverability of the project or if there are possible barriers to project schedules.

A. Regional Level Performance Indicators and Measures

The following table provides the overall regional level performance for the Regional Transportation Plan (RTP), where data was available. NA reflects areas where data is unavailable.

Evaluation – Regional Level Performance Indicators and Measures

Goal	Indicator/Measure	Current System Performance (Baseline)	Projected System Performance (Year)
Congestion Reduction	Vehicle Miles Traveled (VMT) per capita/workday (SB 375 VMT – passenger vehicles and light duty trucks and 50% of out of county travel)	15.3 miles/capita/workday (2005)	13.40 (2035) Reduction: -17.1%
	VMT per capita/workday – Full fleet, within county borders	21.7 miles/capita/workday (2005)	18.3 miles/person/day (2020) Reduction: -15%
	Percent of congested VMT (at or below 35 mph)	NA	NA
	Commute mode share (travel to work or school)	Drive Alone: 69.9% Carpool: 9.4% Transit: 2.9% Bike: 3.8% Walk: 3.9% Other: 2.9% Work @ home: 7.3% (2011-2015 ACS)	NA. 2040 target is reduce Drive Alone to 55%
Infrastructure Condition	Percent of distressed state highway lane-miles	D5: Class 1-4%; Class 2-8%; Class 3 – 14% (2015 SOP report)	See TAMP
	Pavement Condition Index (local streets and roads)	50 (2017)	70 (2040, if \$44M/year invested); 43 (if only \$23M/year invested)
	Percent of highway bridges by deck area classified in poor condition	38%	TBD
	Percent of transit assets that have surpassed the FTA useful life period	62.2% Fixed Route Buses (SCMTD 2017) 72.2% Non-revenue Vehicles 31.0% Paratransit Vans (SCMTD 2015)	TBD
System Reliability	Highway Buffer Index (the extra time cushion that most travelers add to their average travel time when planning trips to ensure on-time arrival)	NA	NA
	Accessibility and on-time performance for rail and transit	NA	Improved with ITS and replacement vehicle projects
Safety	Fatalities per capita	0.00007369	Reduce
	Injuries per capita	0.00439939	Reduce
Economic Vitality	Percent of housing and jobs within 0.5 miles of transit stops with frequent transit service	AMBAG region: 39%	40% (2040)
	Farebox recovery ratio	23.28% (FY16)	NA
	Mean commute travel time (to work or school)	26 minutes (2011-2015 ACS)	NA (Partly dependent on land use decisions)

Goal	Indicator/Measure	Current System Performance (Baseline)	Projected System Performance (Year)
Environmental Sustainability	Change in acres of agricultural land	N/A	N/C
	CO ₂ emissions reduction per capita – lbs/day/capita – based on SB 375 VMT metric	15.02 (2005)	13.05 (2035) Reduction: -17.9%
Transit	Total operating cost per revenue mile	\$12.09 Bus, \$12.39 Demand Response, \$5.50 Commuter Bus, \$7.09 Demand Response - Taxi	TBD
Land Use	Land Use Efficiency (total developed land/population and rate of urbanization over time. Also, farmland conversion)	32,972 acres (51.519 sq mi developed for 262,340 population = 0.0001963 sq mi per person)	TBD
Access	Percent of population that can bike or walk within 30-minutes to key destinations	Bike- 73.9% Walk – 32.7%	Bike – 74.3% Walk – 33.8%

Section 11. Regional and Statewide Benefits of RTIP

All projects programmed in the Santa Cruz County 2018 RTIP are consistent with the goals and objectives of the Santa Cruz County Regional Transportation Plan (RTP), the MTP/SCS, Senate Bill 1, SB375, and state plans. The RTC considered project benefits in advancing regional and state goals when selecting projects for the STIP. The projected impact of 2018 RTIP projects is summarized in Table B3 below.

D. Performance and Effectiveness of RTIP

Section 12. Evaluation of Cost Effectiveness of RTIP

Per the STIP Guidelines regions shall, if appropriate and to the extent necessary data and tools are available, use the performance measures in the Table below to evaluate cost-effectiveness of projects proposed in the STIP on a regional level.

Cost-Effectiveness Indicators and Measures (Table B2 Evaluation)

Goal	Indicator/Measure	Current Level of Performance (Baseline)	Projected Performance Improvement
Congestion Reduction	Vehicle Miles Traveled (VMT) per capita/workday	15.3 (2005)	Decrease
	Reduce Percent of congested VMT (at or below 35 mph)	NA	Reduce
	Change in commute mode share (travel to work or school)	Drive Alone: 69.9% Carpool: 9.4% Transit: 2.9% Bike: 3.8% Walk: 3.9% Other: 2.9% Work @ home: 7.3% (2011-2015 ACS)	Reduce SOV through bike/ped projects
Infrastructure Condition	Reduce percent of distressed state highway lane-miles	NA	Reduced with new auxiliary lanes and Hwy

Goal	Indicator/Measure	Current Level of Performance (Baseline)	Projected Performance Improvement
			1/9 interchange
	Improve Pavement Condition Index (local streets and roads)	50 (2017)	Improved PCI for over 20 miles of roadway
	Reduce percent of highway bridge deck area in poor condition	NA	No change (NC)
	Reduce percent of transit assets that have surpassed the FTA useful life period	62.2% Fixed Route Buses (SCMTD 2017) 72.2% Non-revenue Vehicles 31.0% Paratransit Vans (SCMTD 2015)	Replacement and refurbished buses proposed to be funded in STIP
System Reliability	Reduce Highway Buffer Index (the time cushion added to the average commute travel times to ensure on-time arrival).	NA	NA
	Improve accessibility and on-time performance for rail and transit	NA	Improved with ITS and replacement vehicle projects
Safety	Fatalities per capita	0.00007369	Reduce
	Injuries per capita	0.00439939	Reduce
Economic Vitality	Increase percent of housing and jobs within 0.5 miles of transit stops with frequent transit service	NA	NA
	Reduce mean commute travel time (to work or school)	26 minutes (2011-2015 ACS)	Decrease with improved system reliability and facilities
	Increase farebox recovery ratio	23.28% (FY16)	Improve. Lower maintenance costs
Environmental Sustainability	Change in acres of agricultural land	NA	NC
	CO ₂ emissions reduction per capita	15.02 (2005)	Reduce. Shift more trips to walk, bike, and transit. Reduce idling.)

Per Section 19C and Appendix B of the STIP Guidelines regions may, if appropriate and to the extent necessary data and tools are available, use the benefits or performance improvements in the table below to evaluate the proposed changes to the built environment. The 2018 RTIP includes the following:

Evaluation – Summary of Changes and Benefits of 2018 RTIP projects Proposed for STIP Funds (Table B3)			
Project Type Or Mode	Changes to Built Environment	Indicator/Measure	Benefits or Performance Improvement at Project Completion
State Highway	New lane-miles	7 lane miles of auxiliary lanes	Safety, improved traffic flow

	New or upgrade bicycle lane/sidewalk miles	Approx. 0.5 mile in bicycle/pedestrian overcrossings and b/p facilities on Highway 9	Improve safety, access, travel choices, reduce travel time, reduce VMT
	Operational improvements	Intersections and travel information	Improve LOS through 1/9 intersection
Transit or Intercity Rail	Additional transit efficiencies	ITS project – auto vehicle locator and passenger counter	Improve access and reliability, improve safety, reduce travel times
	Additional transit vehicles	Refurbish 4 fixed-route buses Replace 2 1998 diesel-fueled buses with 2 battery-electric buses	Extend useful life of refurbished vehicles 6-8 years; Replace 2 buses. System preservation and improve reliability, reduce emissions
Local Streets and Roads	New lane-miles	.25 miles	New turn lanes
	Lane-miles rehabilitated	22 miles	System preservation
	New or upgrade bicycle and pedestrian facilities	New crosswalks and sharrows	Safety
	Operational improvements	signal light	Safety

Section 13. Project Specific Evaluation

No project-level analysis is required for projects proposed for STIP funds this cycle.

However the following provides a summary of benefits of STIP-funded projects in Santa Cruz County.

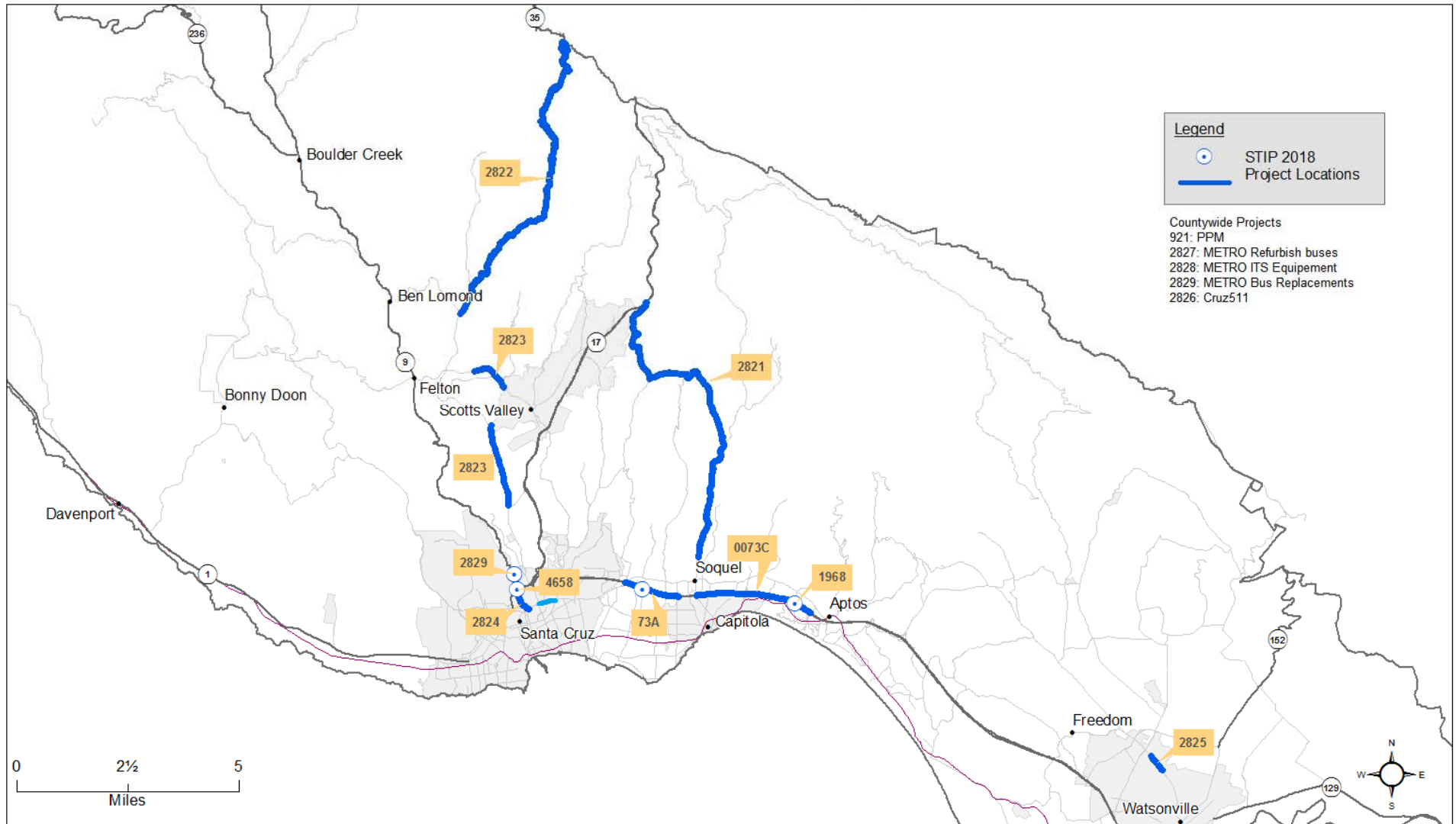
STIP PPNO	Project	Summary of Project Benefits
4658	State Routes 1/9 Intersection Improvements	Operational Improvements; bike/ped safety. Regionally significant intersection. Improve access and safety, reduce congestion and bottleneck, energy use, and emissions. Heavily traveled, provides access for UCSC, Santa Cruz west side, Harvey West Area, and Downtown.
73A	Hwy 1 41st Ave-Soquel Ave Auxiliary Lanes and Chanticleer Bike/Ped Bridge	Approx. 1 lane mile of aux lanes in each direction; new bike/ped connection. Improve traffic flow, increase safety, improve travel times and reliability and improve pedestrian/bike access across highway. Heavily traveled - over 100,000 vehicles per day. Daily congestion results in by-pass traffic on local arterials.
1968	Highway 1 Mar Vista Bike/Ped Overcrossing	Reduce trip distance, improve safety, access, and reduce VMT. Bike/ped access across highway, access to elementary school. Reduce vehicle trips, especially morning peak. Link to Mar Vista Elementary School, Cabrillo College and the residential neighborhoods. Traffic on State Park Drive and Soquel Drive would be reduced, with the vehicular trips replaced by pedestrian/ bicycle trips. Furthermore, this connection would provide access to the beach area for residents located north of Highway 1, and provide an alternative mode of travel for those residents on the south of Highway 1 accessing the retail areas on Soquel Drive north of Highway 1. Currently the same trip is 2-3 miles in distance on the arterial roads and the bicycle and pedestrian network along the current route is incomplete.
921	Planning, Programming & Monitoring (PPM)	Secure and maintain state and federal transportation funds for projects in Santa Cruz County. Keep projects on schedule, meet state and federal planning, programming, monitoring mandates.

STIP PPNO	Project	Summary of Project Benefits
0073C	SR1-State Park to Bay/Porter Auxiliary Lanes - Environmental review	Approx. 2.5 miles of aux. lanes each direction (5 mi total), operational improvements. Improve traffic flow, access and reduce collisions by improving merging. improve pedestrian access across highway. Heavily traveled - over 90,000 vehicles per day. Daily congestion results in by-pass traffic on local arterials.
2827	METRO Refurbish Buses	System preservation - 4 buses; improve travel time reliability and maintain service. Maintains buses in state of good repair to retain service. Refurbishing adds up to 8 years to the useful life of a bus at 40% of the cost for a new replacement bus; new motor reduces greenhouse gas emissions; reduces maintenance costs; passenger amenities help sustain rider experience/ridership.
2828	METRO ITS Equipment	System operational improvements; reduce VMT and travel time. Provide real-time bus arrival information to ease trip planning, reduce uncertainty, and improve access for bus riders, which may foster increased ridership; reduce operating costs and delays by automating passenger counting equipment; provide stop-level data to enable more effective route planning and deployment of benches, shelters, signage.
2829	METRO Revenue Vehicle Replacements	System preservation - 2 replacement buses. Maintain bus service, improve service reliability, reduce maintenance costs, reduce greenhouse gas emissions, modern buses may attract new riders.
2826	Cruz511 Traveler Information and Rideshare Program	Reduce VMT, improve travel time reliability. Reduce traffic congestion, trips, VMT, greenhouse gases and improve health and air quality. Make more efficient use of the existing transportation system by shifting SOV trips to carpool, vanpool, transit, bike and walk. Provide real-time traveler information (traffic), and info on transit, carpool, bicycle and walkways.
2824	River Street Pavement Rehabilitation	Preserve existing infrastructure and improve accessibility for a multimodal arterial for all users: auto, trucks, transit, bikes and pedestrians. The method of paving may include could-in-place recycling which is a more sustainable, lower GHG paving practice.
2825	Freedom Blvd Reconstruction (Alta Vista Ave to Davis Rd)	System preservation (PCI 58) on major arterial (ADT 24,000), ADA upgrades, sharrows/signage to improve bike safety, crossing feature to improve pedestrian safety.
2821	Highway 17 to Soquel Corridor Roadway Preservation	System preservation - 9.90 miles. Several routes had increased use due to closures of other roadways after winter 2017 storms.
2823	Scotts Valley Area Routes Roadway Preservation	System preservation: 2.76mi . Provide access from San Lorenzo Valley (SLV) to Hwy 17 and Scotts Valley.
2822	Zayante Road Corridor Roadway Preservation	System preservation: 9.07mi; PCI 0-62 currently

E. Detailed Project Information

Section 14. Overview of Projects Programmed with RIP funding

Proposed 2018 STIP Projects



Note: This map was created for illustration purposes only. The mapped location and extent of individual projects are approximate. Refer to the project list or project sponsors for more detailed information about individual projects.

Proposed Changes to Projects Carried over from 2016 STIP

Project Sponsor	STIP PPNO	Project	Proposed change for 2018 STIP	RTIP #	SOF ?	Total RIP	18-19	19-20	20-21	21-22	22-23	E&P	PS&E	R/W	Const
Santa Cruz	4658	State Routes 1/9 Intersection Improvements	Add funds. Focusing STIP funds on fewer projects; using STBG and local funds for smaller projects.	SC 25	Yes	-329	-329					0	0	0	-329
						<u>2,853</u>	<u>2,853</u>					0	0	0	<u>2,853</u>
Santa Cruz Co	2557	Cassery Rd Bridge Replacement	DELETE. Emergency bridge had to be built because of 2017 storms.	CO 73	SOF	-125	-125					0	0	0	-125
SCCRTC	921	Planning, Programming & Monitoring (PPM)	Add funds	RTC 04	Yes	583	174		<u>137</u>	<u>136</u>	<u>136</u>	0	0	0	583
SCCRTC	73A	Hwy 1 41st Ave-Soquel Ave Auxiliary Lanes and Chanticleer Bike/Ped Bridge	\$2M programmed for cost increases on RW and design; increased STIP for design (using STBG on smaller projects). Will seek SB1 Congested Corridor funds in 2020 cycle for construction. RTC focusing STIP funds on fewer projects.	RTC 24F	No	-2,250	-2,250					0	-820	-1,430	
						6,000	<u>4,079</u>			<u>1,921</u>		0	<u>2,570</u>	<u>1,509</u>	<u>1,921</u>
SCCRTC	1968	RT 1 Mar Vista Bike/Ped Overcrossing	\$665k added. Move design and construction out one year. FHWA requesting environmental review of Tier 1 document to be completed.	RTC 30	Yes	-6,114	-125	-5,989				0	-125	-1,060	-4,929
						6,779		<u>1,850</u>	<u>4,929</u>		0	750	1,100	<u>4,929</u>	
Santa Cruz	2732	Water Street Pavement Rehabilitation	Shift funds from FY17/18 to FY18/19 due to emergency water district project.	SC 49	Yes	398	398								398

New Projects

(All figures in \$1,000's (thousands))

Project Sponsor	STIP PPNO	Project	Proposed change for 2018 STIP	RTIP #	SOF ?	Total RIP	18-19	19-20	20-21	21-22	22-23	E&P	PS&E	R/W	Const
SCMTD	2827	METRO Refurbish Buses	New project. FTA eligible.	MTD 23	No - FTA	900	<u>900</u>								900
SCMTD	2828	METRO ITS Equipment	New project. FTA eligible.	MTD 24	No - FTA	1,400	<u>1,400</u>								1,400
SCMTD	2829	METRO Revenue Vehicle Replacements	New project. Using LPP also. FTA eligible.	MTD 25	No - FTA	870	<u>870</u>								870
SCCRTC	2826	Cruz511 Traveler Information and Rideshare Program	New ongoing TDM program.	RTC 02A	Yes	331	<u>181</u>	<u>150</u>							331
SCCRTC/ Caltrans	0073C	SR1-State Park to Bay/Porter Auxiliary Lanes	New project; environmental review	RTC 24E	No	1,830		<u>1,830</u>				1,830			
Santa Cruz, city	2824	River Street Pavement Rehabilitation	New project	SC 51	Yes	775	<u>775</u>								775
Watsonville	2825	Freedom Blvd Reconstruction (Alta Vista Ave to Davis Rd)	New project	WAT 45	Yes	1,550				<u>1,550</u>					1,550
County of Santa Cruz	2821	Highway 17 to Soquel Corridor Roadway Preservation	New project	CO 83	Yes	800	<u>800</u>								800
County of Santa Cruz	2823	Scotts Valley Area Routes Roadway Preservation	New project	Co 85	Yes	832	<u>832</u>								832
County of Santa Cruz	2822	Zayante Road Corridor Roadway Preservation	New project	CO 86	Yes	950	<u>950</u>								950

F. Appendices

Section 15. Projects Programming Request Forms

Projects Carried Over from 2016 STIP – *Funding amounts/years amended*

Project Sponsor	STIP PPNO	Project
SCCRTC/ Caltrans	73A	Hwy 1 41st Ave-Soquel Ave Auxiliary Lanes and Chanticleer Bike/Ped Bridge
SCCRTC	1968	Highway 1 Mar Vista Bike/Ped Overcrossing
SCCRTC	921	Planning, Programming & Monitoring (PPM)
Santa Cruz	4658	State Routes 1/9 Intersection Improvements
Santa Cruz	2732	Water St Pavement Rehabilitation

New Projects

Project Sponsor	STIP PPNO	Project
SCCRTC/ Caltrans	0073C	SR1-State Park to Bay/Porter Auxiliary Lanes - Environmental review
SCMTD	2827	METRO Refurbish Buses
SCMTD	2828	METRO ITS Equipment
SCMTD	2829	METRO Revenue Vehicle Replacements
SCCRTC	2826	Cruz511 Traveler Information and Rideshare Program
Santa Cruz, city	2824	River Street Pavement Rehabilitation
Watsonville	2825	Freedom Blvd Reconstruction (Alta Vista Ave to Davis Rd)
County of Santa Cruz	2821	Highway 17 to Soquel Corridor Roadway Preservation
County of Santa Cruz	2823	Scotts Valley Area Routes Roadway Preservation
County of Santa Cruz	2822	Zayante Road Corridor Roadway Preservation

PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

General Instructions

Amendment (Existing Project) Y/N					Date:	12/04/17	
District	EA	Project ID		PPNO	MPO ID		Alt Proj. ID
05	0C732	0512000228		0073A	RTC24fSC		
County	Route/Corridor	PM Bk	PM Ahd	Project Sponsor/Lead Agency			
SCR	1	13.6	14.9	Santa Cruz County Regional Transportation Commission			
				MPO		Element	
				AMBAG		CO	
Project Manager/Contact		Phone		E-mail Address			
Luis Duazo		(805)542-4678		luis.duazo@dot.ca.gov			
Project Title							
41st Avenue to Soquel Avenue Auxiliary Lanes							
Location (Project Limits), Description (Scope of Work)							
Near the city of Santa Cruz and Capitola, from 41st Avenue to Soquel Avenue. Construct auxiliary lanes and construct bicycle/pedestrian overcrossing near Chanticleer Avenue.							
Component							
		Implementing Agency					
PA&ED		Santa Cruz County Regional Transportation Commission					
PS&E		Santa Cruz County Regional Transportation Commission					
Right of Way		Caltrans					
Construction		Caltrans					
Legislative Districts							
Assembly:	27		Senate:	11		Congressional:	17
Project Benefits							
Improve traffic flow, increase safety, improve travel times and reliability and improve pedestrian/bike access across highway. Heavily traveled - over 100,000 vehicles per day. Daily congestion results in by-pass traffic on local arterials.							
Purpose and Need							
Reduce congestion, improve safety. Benefits: Reduce delay and collisions, improve pedestrian/bike access across highway.							
Category		Outputs/Outcomes			Unit	Total	
State Highway Road Construction		Auxiliary Lane miles constructed			miles	1	
State Highway Road Construction		Pedestrian/Bicycle Facilities miles constructed			Feet	1000	
ADA Improvements Yes		Bike/Ped Improvements Yes			Reversible Lane analysis Yes		
Includes Sustainable Communities Strategy Goals Yes				Reduces Greenhouse Gas Emissions Yes			
Project Milestone					Existing	Proposed	
Project Study Report Approved					2007		
Begin Environmental (PA&ED) Phase					08/01/2011	08/01/2011	
Circulate Draft Environmental Document				Document Type	EIS	11/15/2015	11/15/2015
Draft Project Report					11/15/2015	11/15/2015	
End Environmental Phase (PA&ED Milestone)					01/01/2017	12/31/18	
Begin Design (PS&E) Phase					04/01/2017	02/01/19	
End Design Phase (Ready to List for Advertisement Milestone)					10/01/2018	02/01/21	
Begin Right of Way Phase					02/01/2017	02/01/19	
End Right of Way Phase (Right of Way Certification Milestone)					10/01/2018	02/01/21	
Begin Construction Phase (Contract Award Milestone)					10/01/2018	05/31/21	
End Construction Phase (Construction Contract Acceptance Milestone)					12/01/2019	01/15/22	
Begin Closeout Phase					01/15/2020	02/01/22	
End Closeout Phase (Closeout Report)					05/29/2020	07/15/23	

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PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

Date: 12/04/17

Additional Information

LCO - RTC lead for environmental review. RTC Project Manager: Sarah Christensen; 831-460-3200. Rachel Moriconi=programming staff. Luis Duazo is the CTs PM ((805)542-4678; luis.duazo@dot.ca.gov)

PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

Date: 12/04/17

District	County	Route	EA	Project ID	PPNO	Alt Proj. ID
05	SCR, ,	1, ,	0C732	0512000228	0073A	
Project Title: 41st Avenue to Soquel Avenue Auxiliary Lanes						

Existing Total Project Cost (\$1,000s)									Implementing Agency
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	
E&P (PA&ED)									Santa Cruz County Regional
PS&E		2,570						2,570	Santa Cruz County Regional
R/W SUP (CT)					79			79	Caltrans
CON SUP (CT)					3,000			3,000	Caltrans
R/W		1,430						1,430	Caltrans
CON					19,591			19,591	Caltrans
TOTAL		4,000			22,670			26,670	
Proposed Total Project Cost (\$1,000s)									Notes
E&P (PA&ED)									
PS&E		2,570						2,570	
R/W SUP (CT)		79						79	
CON SUP (CT)					3,000			3,000	
R/W		1,430						1,430	
CON					25,000			25,000	
TOTAL		4,079			28,000			32,079	

Fund No. 1:	RIP - National Hwy System (NH)								Program Code
Existing Funding (\$1,000s)									20.XX.075.600
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency
E&P (PA&ED)									Santa Cruz County Regional Trans
PS&E		820						820	
R/W SUP (CT)									
CON SUP (CT)									
R/W		1,430						1,430	
CON									
TOTAL		2,250						2,250	
Proposed Funding (\$1,000s)									Notes
E&P (PA&ED)									On 12/7/17 - SCCRTC programmed \$2M new STIP (originally reserved for project in 2014 RTIP) and changed \$1.75M PSE from STBG to STIP to focus STIP on larger projects.
PS&E		2,570						2,570	
R/W SUP (CT)		79						79	
CON SUP (CT)									
R/W		1,430						1,430	
CON					1,921			1,921	
TOTAL		4,079			1,921			6,000	

Fund No. 2:	Future Need - Future Funds								Program Code
Existing Funding (\$1,000s)									FUTURE
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency
E&P (PA&ED)									
PS&E									
R/W SUP (CT)					79			79	
CON SUP (CT)					3,000			3,000	
R/W									
CON					19,591			19,591	
TOTAL					22,670			22,670	
Proposed Funding (\$1,000s)									Notes
E&P (PA&ED)									Caltrans and RTC will seek Congested Corridors grant in cycle 2; New Measure D sales tax to serve as backup if competitive SB1 funds are not secured.
PS&E									
R/W SUP (CT)									
CON SUP (CT)					3,000			3,000	
R/W									
CON					11,300			11,300	
TOTAL					14,300			14,300	

Fund No. 3:		RSTP - STP Local (STPL)							Program Code	
Existing Funding (\$1,000s)									20.XX.400.000	
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency	
E&P (PA&ED)										
PS&E		1,750						1,750		
R/W SUP (CT)										
CON SUP (CT)										
R/W										
CON										
TOTAL		1,750						1,750		
Proposed Funding (\$1,000s)									Notes	
E&P (PA&ED)									RTC proposes to change \$1.75M to STIP - 12/17. RSTP/STBG to be used on smaller projects.	
PS&E										
R/W SUP (CT)										
CON SUP (CT)										
R/W										
CON										
TOTAL										

Fund No. 4:		Measure D							Program Code	
Existing Funding (\$1,000s)										
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency	
E&P (PA&ED)									SCCRTC	
PS&E										
R/W SUP (CT)										
CON SUP (CT)										
R/W										
CON										
TOTAL										
Proposed Funding (\$1,000s)									Notes	
E&P (PA&ED)									New Measure D funds	
PS&E										
R/W SUP (CT)										
CON SUP (CT)										
R/W										
CON					11,779			11,779		
TOTAL					11,779			11,779		

PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

Complete this page for amendments only

Date: 12/04/17

District	County	Route	EA	Project ID	PPNO	Alt Proj. ID
05	SCR	1	0C732	0512000228	0073A	

SECTION 1 - All Projects**Project Background**

Carryover from 2014 STIP.

Programming Change Requested

Change "color of funds" of \$1.75M from STBG to STIP for design in order to focus non-STIP funds on smaller projects. Caltrans, RTC, and FHWA working closely to accelerate completion of environmental, so construction can begin in 2020.

Reason for Proposed Change

RTC originally reserved \$2M for this project in the 2014 RTIP/STIP. Focusing STIP funds on larger projects. Due to extensive comments and FHWA requests for several studies to be redone for the Tier 1, environmental has taken longer to complete than originally anticipated.

If proposed change will delay one or more components, clearly explain 1) reason the delay, 2) cost increase related to the delay, and 3) how cost increase will be funded


We do not anticipate any delays, but will reevaluate prior to STIP allocations. Any unanticipated cost increases for design or ROW would be covered from Measure D funds, if needed. Caltrans and RTC plan to apply for cycle 2 SB1 competitive grants for construction funds. The back-up plan for the balance of construction would be covered by Measure D and possibly considered for future RTIP or LPP formula funds.

Other Significant Information

Caltrans has identified this section of Highway 1 as one of the most congested sections of roadway on the Central Coast. It is a high priority and Caltrans will be working in partnership with RTC to secure SB1 competitive funds in cycle 2, after environmental review has been completed and final design underway. Voters have approved some funding for the project through the November 2016 sales tax measure (Measure D) which will be used to leverage other funds.

SECTION 3 - All Projects**Approvals**

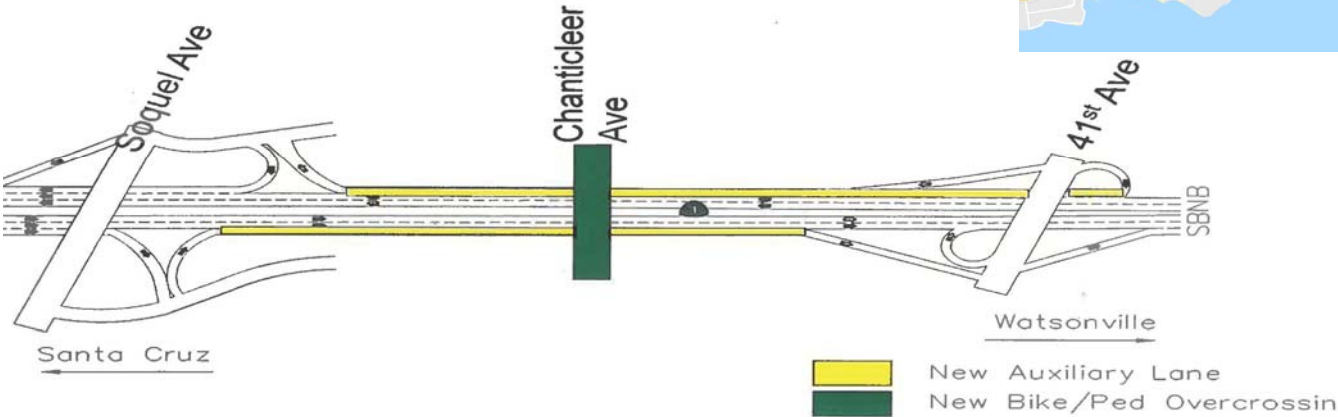
I hereby certify that the above information is complete and accurate and all approvals have been obtained for the processing of this amendment request.*

Name (Print or Type)	Signature	Title	Date
Rachel Moriconi		Sr. Transportation Planner	12/12/2017

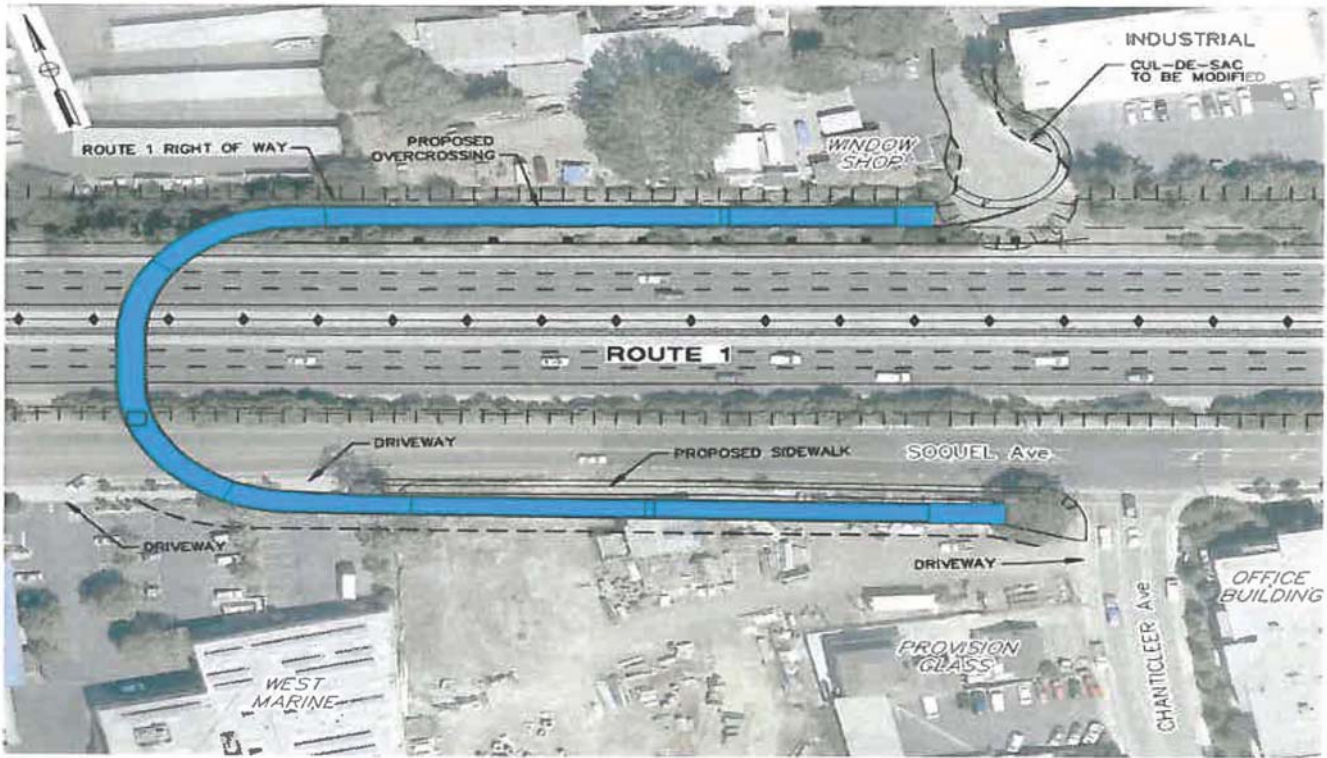
Attachments

- 1) Concurrence from Implementing Agency and/or Regional Transportation Planning Agency
- 2) Project Location Map

PART IV: Project Map



Project: 41st Ave/Soquel Auxiliary Lanes and Chanticleer Overcrossing



Chanticleer Overcrossing Concept

PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

General Instructions

Amendment (Existing Project) Yes					Date:	12/04/17	
District	EA	Project ID		PPNO	MPO ID		Alt Proj. ID
05	0C731			1968	RTC30SC		
County	Route/Corridor	PM Bk	PM Ahd	Project Sponsor/Lead Agency			
SCR	1	10.9	10.9	Santa Cruz County Regional Transportation Commission			
				MPO		Element	
				AMBAG		CO	
Project Manager/Contact		Phone		E-mail Address			
Sarah Christensen		(831)460-3200		schristensen@sccrtc.org			
Project Title							
Mar Vista Bike/Pedestrian Overcrossing							
Location (Project Limits), Description (Scope of Work)							
In Aptos, at Mar Vista Drive. Construct a new bicycle and pedestrian accessible structure over Highway 1 and McGregor Drive (frontage road).							
Component							
Implementing Agency							
PA&ED	Santa Cruz County Regional Transportation Commission						
PS&E	Santa Cruz County Regional Transportation Commission						
Right of Way	Santa Cruz County Regional Transportation Commission						
Construction	Santa Cruz County Regional Transportation Commission						
Legislative Districts							
Assembly:	29		Senate:	17		Congressional:	20
Project Benefits							
Bike/ped access across highway, access to elementary school. Reduce vehicle trips, especially morning peak.							
Purpose and Need							
Link to Mar Vista Elementary School, Cabrillo College and the residential neighborhoods. Traffic on State Park Drive and Soquel Drive would be reduced, with the vehicular trips replaced by pedestrian/ bicycle trips. Furthermore, this connection would provide access to the beach area for residents located north of Highway 1, and provide an alternative mode of travel for those residents on the south of Highway 1 accessing the retail areas on Soquel Drive north of Highway 1. Currently the same trip is 2-3 miles in distance on the arterial							
Category		Outputs/Outcomes			Unit	Total	
Local streets and roads		Pedestrian/Bicycle Facilities miles constructed			each	1	
ADA Improvements yes		Bike/Ped Improvements yes			Reversible Lane analysis Y/N		
Includes Sustainable Communities Strategy Goals yes				Reduces Greenhouse Gas Emissions yes			
Project Milestone					Existing	Proposed	
Project Study Report Approved					2007		
Begin Environmental (PA&ED) Phase					03/01/2016	02/14/17	
Circulate Draft Environmental Document			Document Type	ND/FONSI	09/01/2017	02/28/19	
Draft Project Report					09/01/2017	02/28/19	
End Environmental Phase (PA&ED Milestone)					03/01/2018	08/28/19	
Begin Design (PS&E) Phase					04/01/2018	07/24/19	
End Design Phase (Ready to List for Advertisement Milestone)					06/01/2019	02/23/21	
Begin Right of Way Phase					04/01/2018	07/24/19	
End Right of Way Phase (Right of Way Certification Milestone)					06/01/2019	02/23/21	
Begin Construction Phase (Contract Award Milestone)					06/01/2019	04/15/21	
End Construction Phase (Construction Contract Acceptance Milestone)					06/01/2020	11/30/21	
Begin Closeout Phase					07/01/2020	12/30/21	
End Closeout Phase (Closeout Report)					11/28/2020	06/28/22	

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PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

Date: 12/04/17

District	County	Route	EA	Project ID	PPNO	Alt Proj. ID
05	SCR, ,	1, ,	0C731		1968	
Project Title: Mar Vista Bike/Pedestrian Overcrossing						

Existing Total Project Cost (\$1,000s)									Implementing Agency
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	
E&P (PA&ED)	500							500	Santa Cruz County Regional
PS&E		650						650	Santa Cruz County Regional
R/W SUP (CT)									Santa Cruz County Regional
CON SUP (CT)									Santa Cruz County Regional
R/W		140	1,060					1,200	Santa Cruz County Regional
CON			5,181					5,181	Santa Cruz County Regional
TOTAL	500	790	6,241					7,531	
Proposed Total Project Cost (\$1,000s)									Notes
E&P (PA&ED)	752							752	
PS&E			750					750	
R/W SUP (CT)									
CON SUP (CT)									
R/W			1,100					1,100	
CON				6,929				6,929	
TOTAL	752		1,850	6,929				9,531	

Fund No. 1:	RIP - State Cash (ST-CASH)								Program Code
Existing Funding (\$1,000s)									20.30.600.620
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency
E&P (PA&ED)									Santa Cruz County Regional Trans
PS&E		125						125	
R/W SUP (CT)									
CON SUP (CT)									
R/W			1,060					1,060	
CON			4,929					4,929	
TOTAL		125	5,989					6,114	
Proposed Funding (\$1,000s)									
E&P (PA&ED)									Move PSE & CON out one year, Change \$665k STBG to STIP. Approved by RTC 12/7/17.
PS&E			750					750	
R/W SUP (CT)									
CON SUP (CT)									
R/W			1,100					1,100	
CON				4,929				4,929	
TOTAL			1,850	4,929				6,779	

Fund No. 2:	RSTP - STP Local (STPL) State Exchange								Program Code
Existing Funding (\$1,000s)									20.30.010.840
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency
E&P (PA&ED)	500							500	SCCRTC
PS&E		525						525	
R/W SUP (CT)									
CON SUP (CT)									
R/W		140						140	
CON			252					252	
TOTAL	500	665	252					1,417	
Proposed Funding (\$1,000s)									
E&P (PA&ED)	752							752	\$665k changed to STIP by RTC 12/7/17 in order to focus RSTPX on smaller projects. Fund code updated - is state Exchange Funds of region's RSTP/STBG.
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL	752							752	

Fund No. 3:		Measure D- Local sales tax							Program Code	
Existing Funding (\$1,000s)										
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency	
E&P (PA&ED)									SCCRTC	
PS&E										
R/W SUP (CT)										
CON SUP (CT)										
R/W										
CON										
TOTAL										
Proposed Funding (\$1,000s)									Notes	
E&P (PA&ED)									Measure D funds approved 11/16. May also seek ATP grant.	
PS&E										
R/W SUP (CT)										
CON SUP (CT)										
R/W										
CON					2,000			2,000		
TOTAL					2,000			2,000		

PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

Complete this page for amendments only

Date: 12/04/17

District	County	Route	EA	Project ID	PPNO	Alt Proj. ID
05	SCR	1	0C731		1968	

SECTION 1 - All Projects**Project Background**

Carryover from prior STIPs. Environmental review was initially to be done as part of Hwy 1 HOV environmental review; however per FHWA direction that document is now program level and FHWA has requested RTC put project level review of Mar Vista on hold until after Program-level Tier 1 EIR for HOV complete.

Programming Change Requested

Increase RIP PS&E funds, move PS&E to FY19/20, and CON to FY20/21. Update matching fund information

Reason for Proposed Change

FHWA and Caltrans directed RTC to delay PA&ED until draft Tier 1 environmental document for the Highway 1 Corridor (which includes HOV, bike/ped bridges, auxiliary lanes, plus) is done. RTC needs to free up STBG/RSTP for smaller projects. Amendment reflects the updated project schedule and cost.

If proposed change will delay one or more components, clearly explain 1) reason the delay, 2) cost increase related to the delay, and 3) how cost increase will be funded


See above. If costs increase, Measure D and ATP to be sought.

Other Significant Information

Updated project manager and legislative district numbers.

SECTION 3 - All Projects**Approvals**

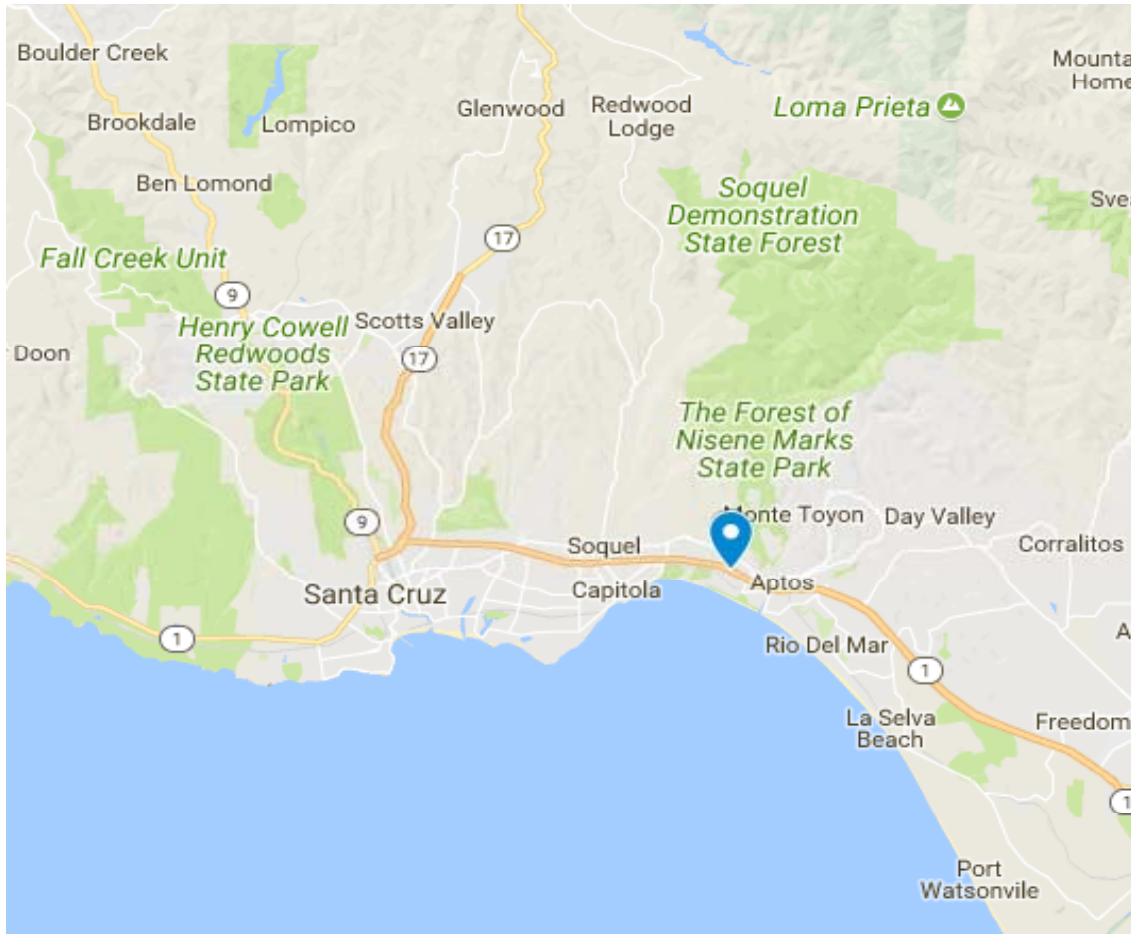
I hereby certify that the above information is complete and accurate and all approvals have been obtained for the processing of this amendment request.*

Name (Print or Type)	Signature	Title	Date
Rachel Moriconi		Sr. Planner	12/14/2017

Attachments

- 1) Concurrence from Implementing Agency and/or Regional Transportation Planning Agency
- 2) Project Location Map

Project: Mar Vista Bicycle and Pedestrian Overcrossing



PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

General Instructions

Amendment (Existing Project) Y/N					Date:	12/04/17	
District	EA	Project ID		PPNO	MPO ID		Alt Proj. ID
05		0517000182		0921	RTC04SC		
County	Route/Corridor	PM Bk	PM Ahd	Project Sponsor/Lead Agency			
SCR				Santa Cruz County Regional Transportation Commission			
				MPO		Element	
				AMBAG		LA	
Project Manager/Contact		Phone		E-mail Address			
Rachel Moriconi		(831)460-3200		rmoriconi@sccrtc.org			
Project Title							
Planning, Programming and Monitoring							
Location (Project Limits), Description (Scope of Work)							
Planning, Programming and Monitoring.							
Component							
Implementing Agency							
PA&ED							
PS&E							
Right of Way							
Construction Santa Cruz County Regional Transportation Commission							
Legislative Districts							
Assembly:	27,28		Senate:	11,15		Congressional:	14,17
Project Benefits							
Program state and federal funds. Coordination with Caltrans and projects sponsors. Keep projects on schedule, ensure that state and federal requirements are met for projects, improve efficiencies, monitor projects, implement SB1, AB32, SB375, etc.							
Purpose and Need							
Work associated with planning regional projects, programming transportation funds, and monitoring the implementation of programmed projects. Keep projects on schedule, address state and federal mandates.							
Category		Outputs/Outcomes			Unit	Total	
ADA Improvements Yes		Bike/Ped Improvements Yes			Reversible Lane analysis		Y/N
Includes Sustainable Communities Strategy Goals		Yes			Reduces Greenhouse Gas Emissions		Yes
Project Milestone					Existing	Proposed	
Project Study Report Approved							
Begin Environmental (PA&ED) Phase						na	
Circulate Draft Environmental Document			Document Type			na	
Draft Project Report						na	
End Environmental Phase (PA&ED Milestone)						na	
Begin Design (PS&E) Phase						na	
End Design Phase (Ready to List for Advertisement Milestone)						na	
Begin Right of Way Phase						na	
End Right of Way Phase (Right of Way Certification Milestone)						na	
Begin Construction Phase (Contract Award Milestone)						ongoing	
End Construction Phase (Construction Contract Acceptance Milestone)						ongoing	
Begin Closeout Phase						ongoing	
End Closeout Phase (Closeout Report)						ongoing	

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PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

Date: 12/04/17

District	County	Route	EA	Project ID	PPNO	Alt Proj. ID
05	SCR, ,	, ,		0517000182	0921	
Project Title: Planning, Programming and Monitoring						

Existing Total Project Cost (\$1,000s)									Implementing Agency
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	
E&P (PA&ED)									
PS&E									
R/W SUP (CT)									
CON SUP (CT)									Santa Cruz County Regional
R/W									
CON	2,880	174						3,054	Santa Cruz County Regional
TOTAL	2,880	174						3,054	
Proposed Total Project Cost (\$1,000s)									Notes
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	
E&P (PA&ED)									
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON	2,880	174		137	136	136		3,463	
TOTAL	2,880	174		137	136	136		3,463	

Fund No. 1:	RIP - State Cash (ST-CASH)								Program Code
Existing Funding (\$1,000s)									20.30.600.670
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency
E&P (PA&ED)									Santa Cruz County Regional Trans
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON	2,880	174						3,054	
TOTAL	2,880	174						3,054	
Proposed Funding (\$1,000s)									Notes
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	
E&P (PA&ED)									
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON	2,880	174		137	136	136		3,463	
TOTAL	2,880	174		137	136	136		3,463	Additional RIP funds approved by RTC 12/7/17

PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

Complete this page for amendments only

Date: 12/04/17

District	County	Route	EA	Project ID	PPNO	Alt Proj. ID
05	SCR			0517000182	0921	

SECTION 1 - All Projects**Project Background**

Ongoing Program

Programming Change Requested

Program \$409,000 over last 3 years of 2018 STIP cycle

Reason for Proposed Change

Ongoing RTPA activities associated with planning, programming and project monitoring. 2016 STIP had no new capacity.

If proposed change will delay one or more components, clearly explain 1) reason the delay, 2) cost increase related to the delay, and 3) how cost increase will be funded

NA

Other Significant Information**SECTION 3 - All Projects****Approvals**

I hereby certify that the above information is complete and accurate and all approvals have been obtained for the processing of this amendment request.*

Name (Print or Type)	Signature	Title	Date
Rachel Moriconi	<i>Rachel Moriconi</i>	Sr. Transportation Planner	12/11/2017

Attachments

- 1) Concurrence from Implementing Agency and/or Regional Transportation Planning Agency
- 2) Project Location Map

Amendment (Existing Project) Y/N					Date:	12/04/17	
District	EA	Project ID		PPNO	MPO ID		Alt Proj. ID
05	46580	0500020105		4658	SC025SC		
County	Route/Corridor	PM Bk	PM Ahd	Project Sponsor/Lead Agency			
SCR	1	17.5	17.7	Santa Cruz, City of			
SCR	9	0	0.2	MPO		Element	
				AMBAG		CO	
Project Manager/Contact		Phone		E-mail Address			
Luis Duazo		(805)542-4678		luis.duazo@dot.ca.gov			
Project Title							
Route 1/9 Intersection Improvements							
Location (Project Limits), Description (Scope of Work)							
In the city of Santa Cruz, at the junction of Route 1 and Route 9. Construct turn lanes and bike lanes.							
Component							
		Implementing Agency					
PA&ED		Santa Cruz, City of					
PS&E		Santa Cruz, City of					
Right of Way		Santa Cruz, City of					
Construction		Santa Cruz, City of					
Legislative Districts							
Assembly:	27		Senate:	11		Congressional:	17
Project Benefits							
Regionally significant intersection. Improve access and safety, reduce congestion and bottleneck, energy use and emissions. Heavily traveled, provides access for the university, Santa Cruz west side, Harvey West Area and Downtown.							
Purpose and Need							
Intersection is a significant bottleneck to accessing UC Santa Cruz, industrial areas, and downtown. Access currently deficient for all users and there have been several collisions - auto, bike, and pedestrian. Intersection improvements are the only financially feasible and reasonable solution available.							
Category		Outputs/Outcomes				Unit	Total
State Highway Road Construction		Operational Improvements				each	1
State Highway Road Construction		Pedestrian/Bicycle Facilities miles constructed				Feet	
Intercity Rail/Mass Trans		Operational Improvements					
ADA Improvements Yes		Bike/Ped Improvements Yes				Reversible Lane analysis	Y/N
Includes Sustainable Communities Strategy Goals yes				Reduces Greenhouse Gas Emissions Yes			
Project Milestone						Existing	Proposed
Project Study Report Approved							
Begin Environmental (PA&ED) Phase						06/01/2006	06/01/2006
Circulate Draft Environmental Document				Document Type	ND/FONSI	06/01/2014	06/01/2014
Draft Project Report						06/01/2014	06/01/2014
End Environmental Phase (PA&ED Milestone)						07/01/2015	07/01/2015
Begin Design (PS&E) Phase						07/01/2015	07/01/2015
End Design Phase (Ready to List for Advertisement Milestone)						10/15/2016	12/01/18
Begin Right of Way Phase						07/01/2015	07/01/2015
End Right of Way Phase (Right of Way Certification Milestone)						10/15/2016	12/01/18
Begin Construction Phase (Contract Award Milestone)						12/01/2016	04/01/19
End Construction Phase (Construction Contract Acceptance Milestone)						06/30/2018	06/01/20
Begin Closeout Phase						09/30/2018	08/01/20
End Closeout Phase (Closeout Report)						12/31/2018	12/01/20

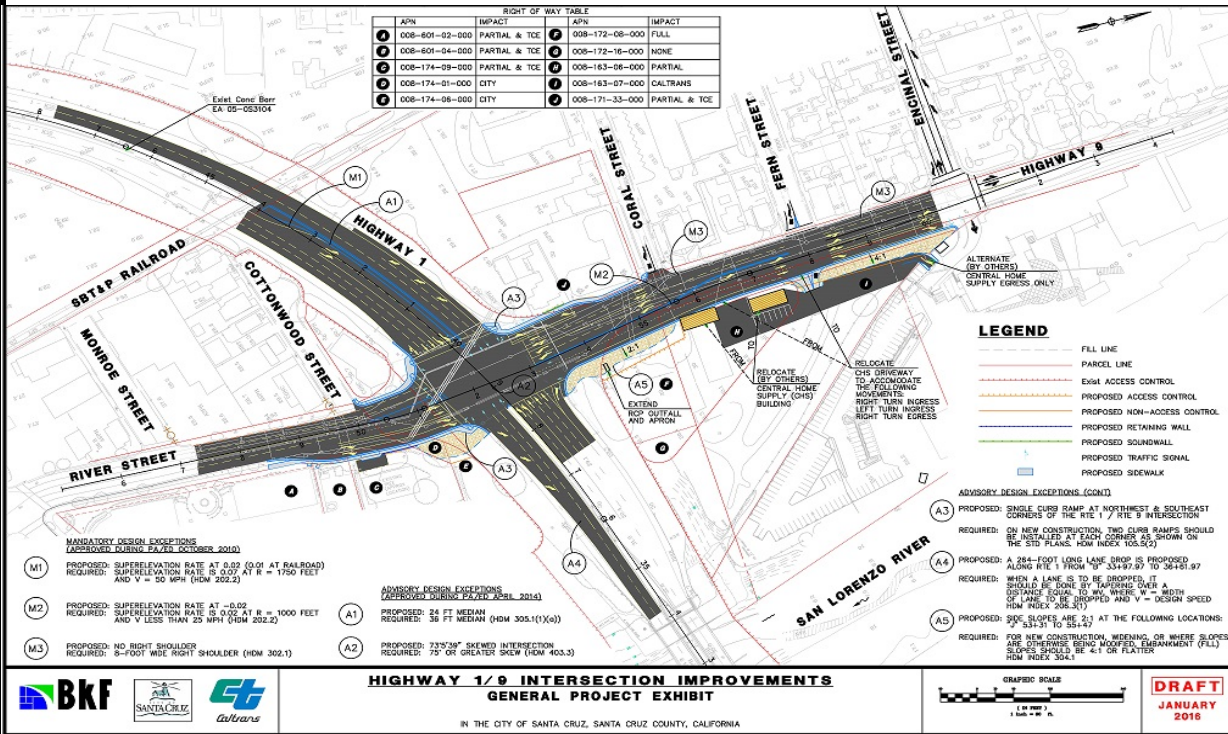
PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

Date: 12/15/17

Additional Information

Local project lead is City of Santa Cruz DPW - Chris Schneider 831-420-5422;
 cschneider@cityofsantacruz.com



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PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

Date: 12/04/17

District	County	Route	EA	Project ID	PPNO	Alt Proj. ID
05	SCR, SCR,	1, 9,	46580	0500020105	4658	
Project Title: Route 1/9 Intersection Improvements						

Existing Total Project Cost (\$1,000s)									Implementing Agency
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	
E&P (PA&ED)	600							600	Santa Cruz, City of
PS&E	850							850	Santa Cruz, City of
R/W SUP (CT)									Santa Cruz, City of
CON SUP (CT)									Santa Cruz, City of
R/W	1,900							1,900	Santa Cruz, City of
CON		4,500						4,500	Santa Cruz, City of
TOTAL	3,350	4,500						7,850	
Proposed Total Project Cost (\$1,000s)									Notes
E&P (PA&ED)	600							600	
PS&E	850							850	
R/W SUP (CT)									
CON SUP (CT)									
R/W	2,700							2,700	
CON		5,508						5,508	
TOTAL	4,150	5,508						9,658	

Fund No. 1:	RIP - State Cash (ST-CASH)								Program Code
Existing Funding (\$1,000s)									20.XX.075.600
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency
E&P (PA&ED)									Santa Cruz County Regional Trans
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON		329						329	
TOTAL		329						329	
Proposed Funding (\$1,000s)									Notes
E&P (PA&ED)									Additional \$1,574,000 and change in "color of funds" for \$950k STPL approved by RTC 12/7/17.
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON		2,853						2,853	
TOTAL		2,853						2,853	

Fund No. 2:	Local Funds - Local Transportation Funds (LTF)								Program Code
Existing Funding (\$1,000s)									20.10.400.100
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency
E&P (PA&ED)	600							600	Santa Cruz, City of
PS&E	850							850	
R/W SUP (CT)									
CON SUP (CT)									
R/W	1,900							1,900	
CON		3,221						3,221	
TOTAL	3,350	3,221						6,571	
Proposed Funding (\$1,000s)									Notes
E&P (PA&ED)	600							600	Updated to reflect correct split of ROW and Constructicon.
PS&E	850							850	
R/W SUP (CT)									
CON SUP (CT)									
R/W	2,700							2,700	
CON		2,655						2,655	
TOTAL	4,150	2,655						6,805	

PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

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Date: 12/04/17

District	County	Route	EA	Project ID	PPNO	Alt Proj. ID
05	SCR SCR	1 9	46580	0500020105	4658	

SECTION 1 - All Projects**Project Background**

12/7/17: \$1,574,000 additional STIP approved by RTC and \$950k STBG changed back to STIP for total of \$2,853,000 RIP for project. Project first programmed in 2012 STIP.

Programming Change Requested

Add \$2,524,000 STIP. Some STIP had been shifted to other projects in prior years in order to accelerate those projects.

Reason for Proposed Change

In order to consolidate STIP funds on fewer projects, other funds being focused on smaller projects.

If proposed change will delay one or more components, clearly explain 1) reason the delay, 2) cost increase related to the delay, and 3) how cost increase will be funded

No delays are anticipated.


Other Significant Information

This is a regionally significant project which serves over 85,000 vehicles per day. It provides access to the Harvey West Business Park, the Santa Cruz Metropolitan Transit District (METRO) operations facilities (all buses travel through this intersection); and provides access to visitor destinations, residents, UC Santa Cruz and downtown Santa Cruz.

Local project lead is City of Santa Cruz DPW - Chris Schneider 831-420-5422; cschneider@cityofsantacruz.com

SECTION 3 - All Projects**Approvals**

I hereby certify that the above information is complete and accurate and all approvals have been obtained for the processing of this amendment request.*

Name (Print or Type)	Signature	Title	Date
Chris Schneider		Ast. Public Works Director	12/11/2017

Attachments

- 1) Concurrence from Implementing Agency and/or Regional Transportation Planning Agency
- 2) Project Location Map

PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

General Instructions

Amendment (Existing Project) yes					Date:	12/04/17	
District	EA	Project ID		PPNO	MPO ID		Alt Proj. ID
05				2732	SC49SC		
County	Route/Corridor	PM Bk	PM Ahd	Project Sponsor/Lead Agency			
SCR				Santa Cruz, City of			
				MPO		Element	
				AMBAG		LA	
Project Manager/Contact		Phone		E-mail Address			
Chris Schneider		(831)420-5160		cschneider@cityofsantacruz.com			
Project Title							
Water Street Pavement Rehabilitation							
Location (Project Limits), Description (Scope of Work)							
City of Santa Cruz, N. Branciforte Ave-Ocean St. Pavement rehabilitation, including bicycle and pedestrian treatments at some intersections.							
Component							
		Implementing Agency					
PA&ED		Santa Cruz, City of					
PS&E		Santa Cruz, City of					
Right of Way		Santa Cruz, City of					
Construction		Santa Cruz, City of					
Legislative Districts							
Assembly:	29		Senate:	17		Congressional:	20
Project Benefits							
System preservation and improves accessibility for a multimodal arterial for all users: auto, trucks, transit, bikes and pedestrians. The method of paving may include cold-in-place recycling which is a more sustainable paving practice. Serves approx. 20,450 vehicles per day and 1700 transit riders. Supports SCS goals for system preservation.							
Purpose and Need							
System preservation and improved multimodal accessibility.							
Category		Outputs/Outcomes			Unit	Total	
Local streets and roads		Local road lane-miles rehabilitated			miles	0.5	
ADA Improvements yes		Bike/Ped Improvements yes			Reversible Lane analysis		Y/N
Includes Sustainable Communities Strategy Goals yes				Reduces Greenhouse Gas Emissions no			
Project Milestone					Existing	Proposed	
Project Study Report Approved					07/01/16		
Begin Environmental (PA&ED) Phase					05/01/2017	05/01/17	
Circulate Draft Environmental Document				Document Type	CE	05/01/17	
Draft Project Report							
End Environmental Phase (PA&ED Milestone)					05/01/2017	05/01/17	
Begin Design (PS&E) Phase					06/01/2017	02/01/18	
End Design Phase (Ready to List for Advertisement Milestone)					02/01/2018	06/15/18	
Begin Right of Way Phase							
End Right of Way Phase (Right of Way Certification Milestone)							
Begin Construction Phase (Contract Award Milestone)					03/01/2018	03/01/19	
End Construction Phase (Construction Contract Acceptance Milestone)					06/30/2018	06/01/19	
Begin Closeout Phase					09/30/2018	09/30/19	
End Closeout Phase (Closeout Report)					12/31/2018	12/31/19	

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PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

Date: 12/04/17

District	County	Route	EA	Project ID	PPNO	Alt Proj. ID
05	SCR, ,	, ,			2732	
Project Title: Water Street Pavement Rehabilitation						

Existing Total Project Cost (\$1,000s)									Implementing Agency
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	
E&P (PA&ED)									Santa Cruz, City of
PS&E	54							54	Santa Cruz, City of
R/W SUP (CT)									Santa Cruz, City of
CON SUP (CT)									Santa Cruz, City of
R/W									Santa Cruz, City of
CON	898							898	Santa Cruz, City of
TOTAL	952							952	
Proposed Total Project Cost (\$1,000s)									Notes
E&P (PA&ED)									
PS&E	54							54	
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON		898						898	
TOTAL	54	898						952	

Fund No. 1:	RIP - State Cash (ST-CASH)								Program Code
Existing Funding (\$1,000s)									20.30.600.620
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency
E&P (PA&ED)									Santa Cruz County Regional Trans
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON	398							398	
TOTAL	398							398	
Proposed Funding (\$1,000s)									Notes
E&P (PA&ED)									Project postponed due to previously unanticipated water district project.
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON		398						398	
TOTAL		398						398	

Fund No. 2:	Local Funds - Local Transportation Funds (LTF)								Program Code
Existing Funding (\$1,000s)									20.XX.400.100
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency
E&P (PA&ED)									Santa Cruz, City of
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON	500							500	
TOTAL	500							500	
Proposed Funding (\$1,000s)									Notes
E&P (PA&ED)									
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON		500						500	
TOTAL		500						500	

Fund No. 3:		Local Funds - Local Transportation Funds - Advance Construction (LF-AC)							Program Code	
Existing Funding (\$1,000s)									LOCAL FUNDS	
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency	
E&P (PA&ED)									Santa Cruz County Regional Trans	
PS&E	54							54		
R/W SUP (CT)										
CON SUP (CT)										
R/W										
CON										
TOTAL	54							54		
Proposed Funding (\$1,000s)									Notes	
E&P (PA&ED)										
PS&E	54							54		
R/W SUP (CT)										
CON SUP (CT)										
R/W										
CON										
TOTAL	54							54		

PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

Complete this page for amendments only

Date: 12/04/17

District	County	Route	EA	Project ID	PPNO	Alt Proj. ID
05	SCR				2732	

SECTION 1 - All Projects**Project Background**

Project amended into the 2016 STIP in spring 2017.

Programming Change Requested

Shift funds to FY18/19 if possible.

Reason for Proposed Change

While not consistent with the CTC STIP Guidelines for 2018 STIP, the water district has determined that they will need to tear up the road the summer of 2018, thus it no longer makes sense to construct in Spring 2018. Project needs to be postponed until that water department work is done. If this cannot be accommodated in the 2018 STIP, an extension request will be submitted.

If proposed change will delay one or more components, clearly explain 1) reason the delay, 2) cost increase related to the delay, and 3) how cost increase will be funded

See above. No cost increase is expected. If costs are increased, city to pay for balance with city funds.

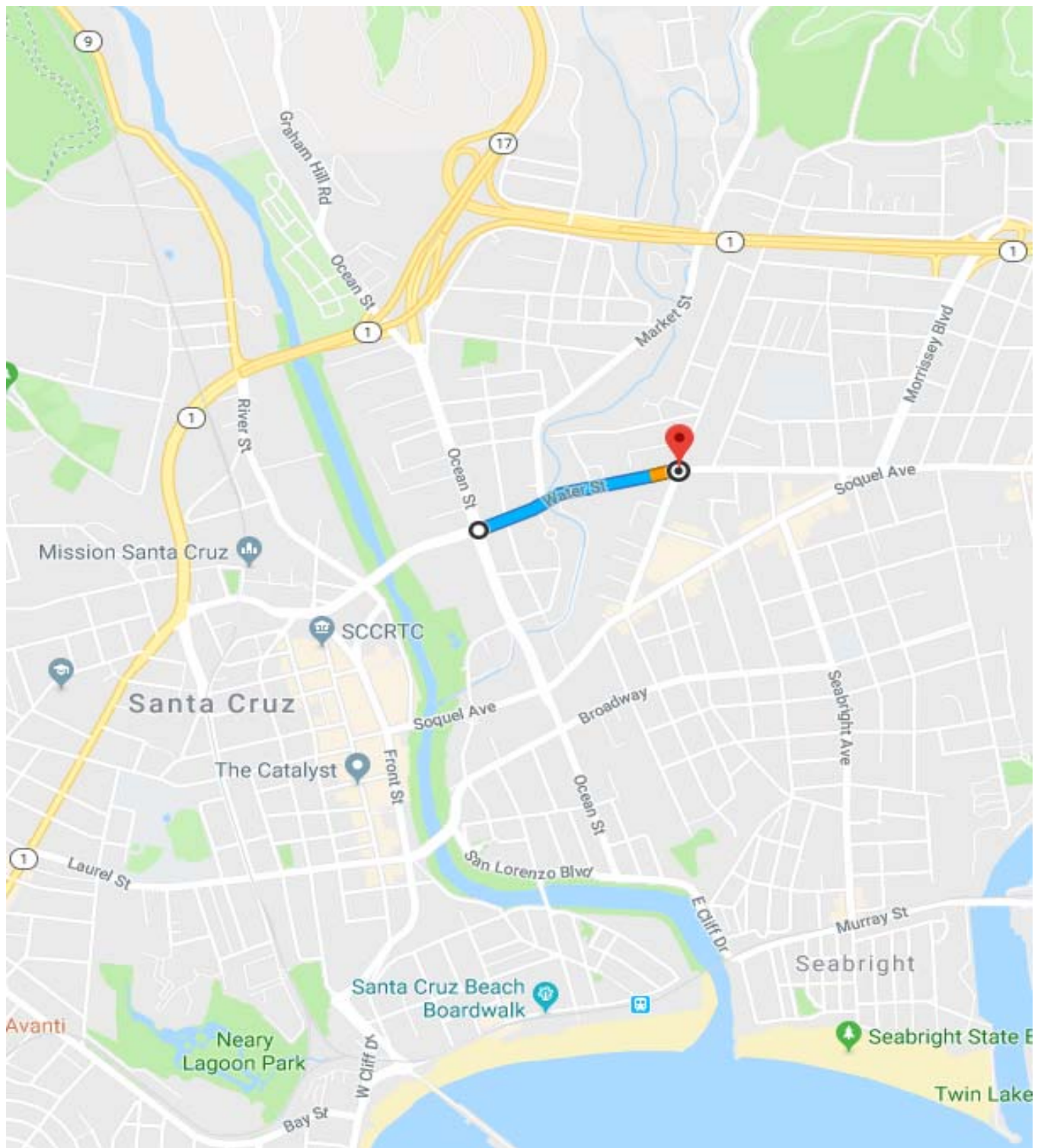
Other Significant Information**SECTION 3 - All Projects****Approvals**

I hereby certify that the above information is complete and accurate and all approvals have been obtained for the processing of this amendment request.*

Name (Print or Type)	Signature	Title	Date
Chris Schneiter		Ast. DPW Director	12/14/2017

Attachments

- 1) Concurrence from Implementing Agency and/or Regional Transportation Planning Agency
- 2) Project Location Map



PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

General Instructions

Amendment (Existing Project) No					Date:	12/15/17	
District	EA	Project ID		PPNO	MPO ID		Alt Proj. ID
05	0C733	0518000116		0073C	RTC24E		
County	Route/Corridor	PM Bk	PM Ahd	Project Sponsor/Lead Agency			
SCR	1	10.4	13.3	Santa Cruz County Regional Transportation Commission			
				MPO		Element	
				AMBAG		CO	
Project Manager/Contact		Phone		E-mail Address			
Sarah Christensen		(831)460-3200		schristensen@sccrtc.org			
Project Title							
SR 1 - State Park to Bay/Porter Auxiliary Lanes							
Location (Project Limits), Description (Scope of Work)							
Near Capitola and Aptos, SR 1 from State Park Drive to Bay/Porter Interchanges. Construct auxiliary lanes between interchanges. Includes reconstruction of the Capitola Ave. overcrossing to accommodate new lanes on SR 1.							
Component							
		Implementing Agency					
PA&ED		Santa Cruz County Regional Transportation Commission					
PS&E		Santa Cruz County Regional Transportation Commission					
Right of Way		Caltrans					
Construction		Caltrans					
Legislative Districts							
Assembly:	29		Senate:	17		Congressional:	20
Project Benefits							
Improve traffic flow, increase safety, improve travel times and reliability and improve pedestrian/bike access across highway. Heavily traveled - over 100,000 vehicles per day. Daily congestion results in by-pass traffic on local arterials.							
Purpose and Need							
Reduce congestion, improve safety. Reduce delay and collisions.							
Category		Outputs/Outcomes			Unit	Total	
State Highway Road Construction		Auxiliary Lane miles constructed			miles	2.5	
ADA Improvements Yes		Bike/Ped Improvements Yes			Reversible Lane analysis Yes		
Includes Sustainable Communities Strategy Goals Yes				Reduces Greenhouse Gas Emissions Yes			
Project Milestone					Existing	Proposed	
Project Study Report Approved					2007		
Begin Environmental (PA&ED) Phase						07/01/19	
Circulate Draft Environmental Document			Document Type	EIR/EIS		03/15/20	
Draft Project Report						03/15/20	
End Environmental Phase (PA&ED Milestone)						09/01/20	
Begin Design (PS&E) Phase						12/01/20	
End Design Phase (Ready to List for Advertisement Milestone)						10/15/21	
Begin Right of Way Phase						12/01/20	
End Right of Way Phase (Right of Way Certification Milestone)						10/15/21	
Begin Construction Phase (Contract Award Milestone)						07/01/22	
End Construction Phase (Construction Contract Acceptance Milestone)						2/30/24	
Begin Closeout Phase						03/30/24	
End Closeout Phase (Closeout Report)						06/30/24	

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PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

Date: 12/15/17

Additional Information

Construct northbound and southbound auxiliary lanes between the State Park Drive and Park Avenue Interchanges and between Park Ave and Bay/Porter Interchanges on Highway 1, with retaining walls, sound walls, new drainage facilities and rehabilitate freeway sections as needed and pavement overlay. The project also includes the reconstruction of the Capitola Avenue Overcrossing to accommodate the future vision of the Highway 1 Corridor and to provide a wider sidewalk, continuation of bike lanes, and bridge lighting.

The Capitola Overcrossing will be reconstructed with Complete Streets standards:

- Existing 4' sidewalks will be widened to 6' on both sides of the overcrossing with curb cuts to existing ADA standards
- Overcrossing will be widened to accommodate a continuation bike lanes on the inland side of the overcrossing
- Travel lanes on the overcrossing will be reduced to 11' and shared lane markings on the ocean side of the overcrossing.

This section of Highway 1 is one of the most heavily traveled segments of Highway 1 in Santa Cruz County, carrying an average daily traffic volume ranging from 90,000 to 100,000 vehicles per day. Extended hours of daily congestion on Highway 1 result in: by-pass traffic on local arterials, compromising the safety and operational efficiency of the highway and local roadway network serving motorized and non-motorized travel; increased travel times and reliability; and increased environmental impacts to air quality and noise along Highway 1 and local roadways. The project will include sound walls, retaining walls and lengthening of the Capitola Avenue Overcrossing to accommodate the long term vision for the corridor and also provide wider sidewalks and bicycle lanes on the bridge.

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PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

Date: 12/15/17

District	County	Route	EA	Project ID	PPNO	Alt Proj. ID
05	SCR	1	0C733	0518000116	0073C	
Project Title: SR 1 - State Park to Bay/Porter Auxiliary Lanes						

Existing Total Project Cost (\$1,000s)									Implementing Agency
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	
E&P (PA&ED)									Santa Cruz County Regional
PS&E									Santa Cruz County Regional
R/W SUP (CT)									Caltrans
CON SUP (CT)									Caltrans
R/W									Caltrans
CON									Caltrans
TOTAL									
Proposed Total Project Cost (\$1,000s)									Notes
E&P (PA&ED)			4,800					4,800	
PS&E					5,200			5,200	
R/W SUP (CT)									
CON SUP (CT)									
R/W					1,800			1,800	
CON						61,200		61,200	
TOTAL			4,800		7,000	61,200		73,000	

Fund No. 1:	RIP - National Hwy System (NH)								Program Code
Existing Funding (\$1,000s)									20.XX.075.600
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency
E&P (PA&ED)									SCCRTC - CTC
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL									
Proposed Funding (\$1,000s)									Notes
E&P (PA&ED)			1,830					1,830	
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL			1,830					1,830	

Fund No. 2:	Local Sales Tax: Measure D								Program Code
Existing Funding (\$1,000s)									20.XX.400.100
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency
E&P (PA&ED)									SCCRTC
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL									
Proposed Funding (\$1,000s)									Notes
E&P (PA&ED)			2,970					2,970	
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL			2,970					2,970	

Funds approved by RTC 12/7/17. Also qualifies as APDE.

Local sales tax Measure D, approved by voters 11/16

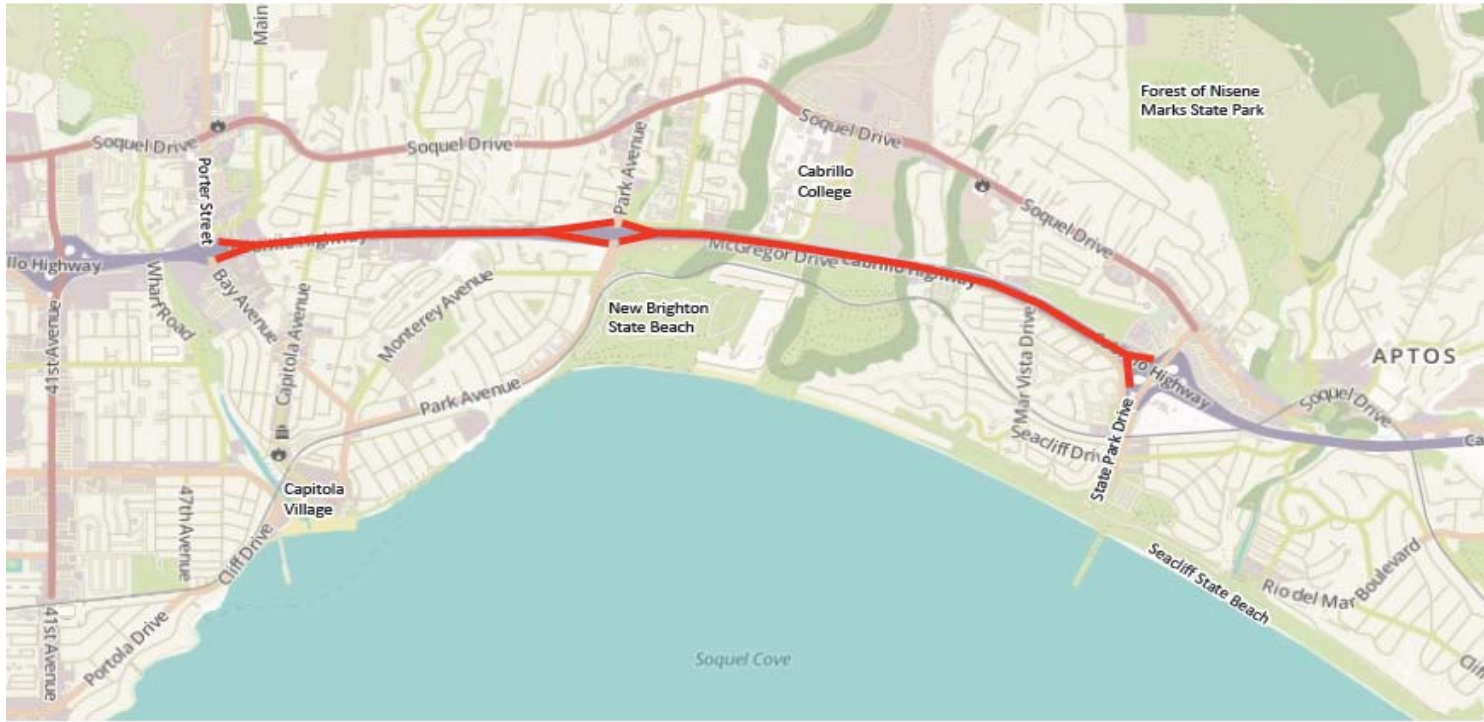
PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

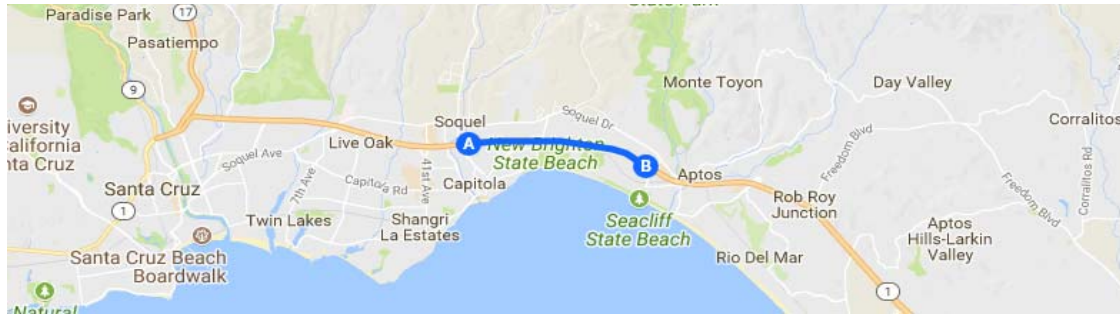
Date: 12/15/17

District	County	Route	EA	Project ID	PPNO	Alt Proj. ID
05	SCR	1	0C733	0518000116	0073C	
Project Title: SR 1 - State Park to Bay/Porter Auxiliary Lanes						

Fund No. 3:		Future Need - Future Funds							Program Code
		Existing Funding (\$1,000s)							FUTURE
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency
E&P (PA&ED)									
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL									
		Proposed Funding (\$1,000s)							
E&P (PA&ED)									Caltrans and RTC will seek SB1 grants in cycle 2; New Measure D sales tax to serve as match and backup.
PS&E					5,200			5,200	
R/W SUP (CT)									
CON SUP (CT)									
R/W					1,800			1,800	
CON						61,200		61,200	
TOTAL					7,000	61,200		68,200	



Project: State Park/Bay Porter Auxiliary Lanes Project



PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

General Instructions

Amendment (Existing Project) No					Date:	12/15/17	
District	EA	Project ID		PPNO	MPO ID		Alt Proj. ID
05				2827	MTD 23		
County	Route/Corridor	PM Bk	PM Ahd	Project Sponsor/Lead Agency			
SCR		NA	NA	Santa Cruz Metropolitan Transit District			
				MPO		Element	
				AMBAG		Mass Transit	
Project Manager/Contact		Phone		E-mail Address			
Eddie Benson		(831) 425-2520		ebenson@scmtd.com			
Project Title							
SC METRO Refurbish Buses							
Location (Project Limits), Description (Scope of Work)							
This project will refurbish 4 fixed-route, 35- and 40-foot transit buses to add 6-8 years to their useful lifespan at a cost of approximately \$250,000 each. Refurbished buses will operate throughout the Santa Cruz County transit network. The project scope includes inspecting, rebuilding or replacing these major systems as indicated: engine & transmission assembly; addition of electric cooling system; structural rebuild; replace doors, windows, floors; replace seat cushions and fabric; upgrad to Q'pod wheelchair securement; repaint and re-decal.							
Component		Implementing Agency					
PA&ED							
PS&E							
Right of Way							
Construction		Santa Cruz METRO					
Legislative Districts							
Assembly:	29th	Senate:	17th	Congressional:	18th; 20th		
Project Benefits							
This project helps maintain METRO's fixed-route fleet in a state of good repair. Refurbished buses reduce greenhouse gas emissions as new motors will conform to CARB's .02 g/BHP-hr Nox standard. New components obviate continuous parts replacement to reduce operating costs and deliver a longer mean-time between failure, increasing service reliability and safety. New passenger amenities (seats, windows, floors) will help sustain ridership.							
Purpose and Need							
METRO currently has 61 buses 16 years or older with an average mileage of 603,000 miles, far beyond the federally prescribed useful lifespan of 12 years and 500,000 miles. METRO does not have sufficient capital funds available to simply replace these buses with new equipment and will therefore refurbish them to add 50 - 70% to the additional useful lifespan at approximately 40% of the replacement cost.							
Category		Outputs/Outcomes			Unit	Total	
Intercity Rail/Mass Trans		Rail cars/ transit vehicles			each	4	
ADA Improvements	No	Bike/Ped Improvements	No	Reversible Lane analysis	No		
Includes Sustainable Communities Strategy Goals				Yes	Reduces Greenhouse Gas Emissions		
					Yes		
Project Milestone					Existing	Proposed	
Project Study Report Approved							
Begin Environmental (PA&ED) Phase						NA	
Circulate Draft Environmental Document			Document Type			NA	
Draft Project Report						NA	
End Environmental Phase (PA&ED Milestone)						NA	
Begin Design (PS&E) Phase						07/02/18	
End Design Phase (Ready to List for Advertisement Milestone)						09/28/18	
Begin Right of Way Phase						NA	
End Right of Way Phase (Right of Way Certification Milestone)						NA	
Begin Construction Phase (Contract Award Milestone)						12/28/18	
End Construction Phase (Construction Contract Acceptance Milestone)						12/27/19	
Begin Closeout Phase						01/02/20	
End Closeout Phase (Closeout Report)						03/27/20	

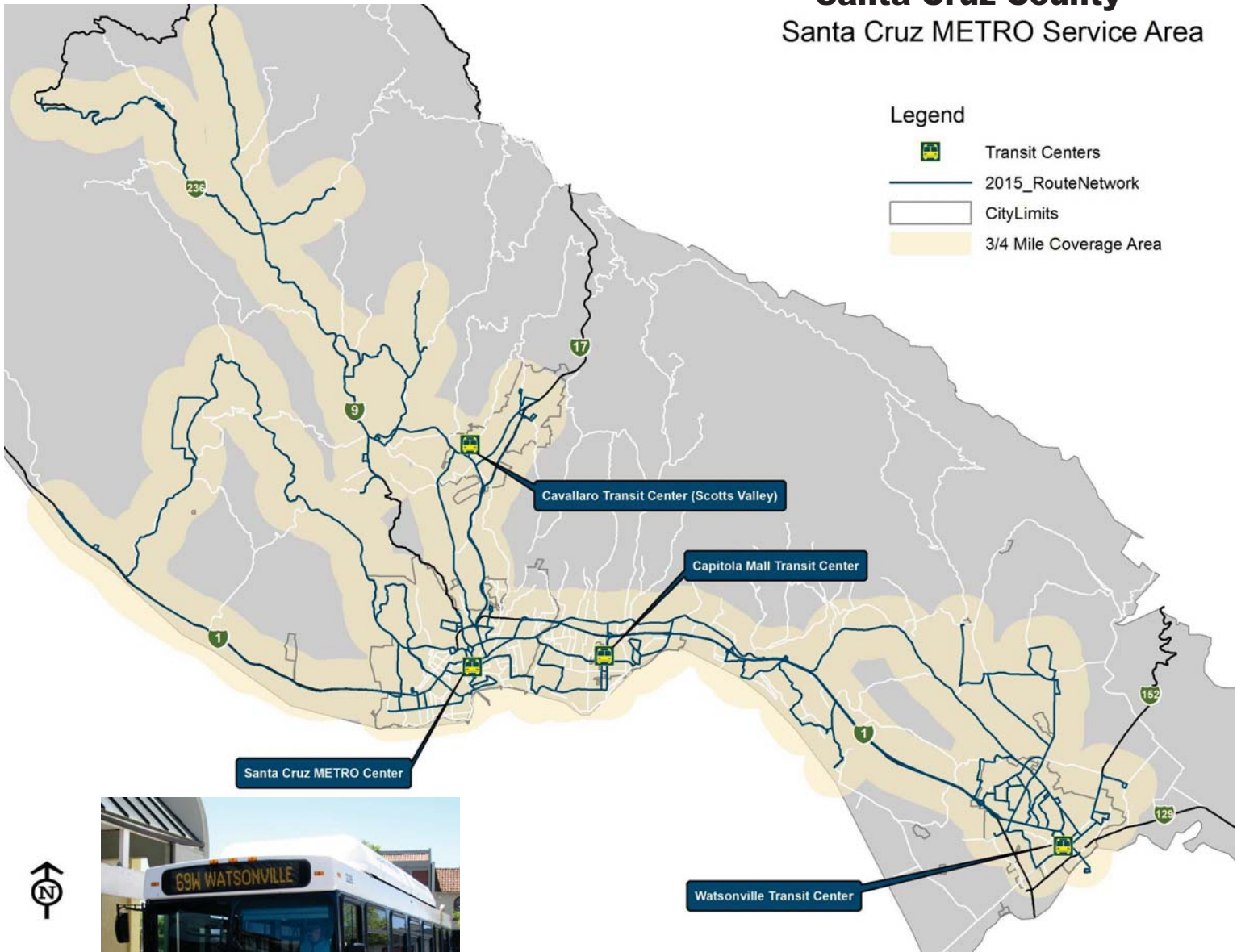
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METRO Refurbish Buses Transit Network Map

Santa Cruz County Santa Cruz METRO Service Area



Clean Air Bus, Metro Center



PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

General Instructions

Amendment (Existing Project)		No		Date:	12/15/17	
District	EA	Project ID		PPNO	MPO ID	Alt Proj. ID
05				2828	MTD 24	
County	Route/Corridor	PM Bk	PM Ahd	Project Sponsor/Lead Agency		
SCR		NA	NA	Santa Cruz Metropolitan Transit District		
				MPO	Element	
				AMBAG	Mass Transit	
Project Manager/Contact		Phone		E-mail Address		
Isaac Holley		(831) 420-2532		iholley@scmttd.com		
Project Title						
SC METRO ITS Equipment						
Location (Project Limits), Description (Scope of Work)						
This project will install Intelligent Transportation Systems (ITS) equipment on up to 100 Santa Cruz METRO buses operating throughout the Santa Cruz County public transit network. Project scope includes installation of the following ITS equipment: Automatic Vehicle Locator (AVL) system; automatic vehicle annunciating system; on-bus video surveillance; advanced traveler information system; and automatic passenger counters.						
Component						
Implementing Agency						
PA&ED						
PS&E						
Right of Way						
Construction						
Santa Cruz METRO						
Legislative Districts						
Assembly:	29th		Senate:	17th		Congressional:
18th; 20th						
Project Benefits						
ITS equipment will deliver multiple benefits to transit users and system operators. Passengers will benefit from enhanced system access with mobile applications, real-time bus arrival information at transit centers and safety monitoring. The system operator will be able to reduce costs and more efficiently manage the system using remote data collection, digital radio packet transmission and on-board incident surveillance.						
Purpose and Need						
Santa Cruz METRO needs to install an automatic vehicle locator system to drive ancillary systems providing advanced traveller information systems and remote management capabilities which are the current best-practices and industry standards for transit operators. In order to sustain its ridership, reduce operating costs and improve system management, METRO needs ITS equipment to deliver typical public transit services and amenities.						
Category		Outputs/Outcomes			Unit	Total
Intercity Rail/Mass Trans		Operational Improvements			each	100
ADA Improvements	Yes	Bike/Ped Improvements	Yes	Reversible Lane analysis	No	
Includes Sustainable Communities Strategy Goals			Yes	Reduces Greenhouse Gas Emissions	Yes	
Project Milestone					Existing	Proposed
Project Study Report Approved						
Begin Environmental (PA&ED) Phase						NA
Circulate Draft Environmental Document			Document Type			NA
Draft Project Report						NA
End Environmental Phase (PA&ED Milestone)						NA
Begin Design (PS&E) Phase						NA
End Design Phase (Ready to List for Advertisement Milestone)						NA
Begin Right of Way Phase						NA
End Right of Way Phase (Right of Way Certification Milestone)						NA
Begin Construction Phase (Contract Award Milestone)						09/28/18
End Construction Phase (Construction Contract Acceptance Milestone)						03/31/19
Begin Closeout Phase						04/01/19
End Closeout Phase (Closeout Report)						06/30/19

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PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

General Instructions

Amendment (Existing Project) No					Date:	12/15/17	
District	EA	Project ID		PPNO	MPO ID		Alt Proj. ID
05				2829	MTD 25		
County	Route/Corridor	PM Bk	PM Ahd	Project Sponsor/Lead Agency			
SCR		NA	NA	Santa Cruz Metropolitan Transit District			
				MPO		Element	
				AMBAG		Mass Transit	
Project Manager/Contact		Phone		E-mail Address			
Eddie Benson		(831) 425-2520		ebenson@scmtd.com			
Project Title							
SC METRO Revenue Vehicle Replacements							
Location (Project Limits), Description (Scope of Work)							
This project will purchase 2 fixed-route, 40-foot battery-electric buses to replace 2 equivalent 1998 diesel fueled transit buses. The new zero-emission replacements will operate throughout the Santa Cruz County public transit network. The project scope includes awarding a contract to a transit vehicle manufacturer to build two battery-electric buses, hiring an in-plant build inspector, receiving, testing, accepting and operating new buses in revenue service.							
Component							
Implementing Agency							
PA&ED							
PS&E							
Right of Way							
Construction Santa Cruz METRO							
Legislative Districts							
Assembly:	29th		Senate:	17th		Congressional:	18th; 20th
Project Benefits							
This project helps maintain METRO's fixed-route fleet in a state of good repair and reduces greenhouse gas emissions. New replacement buses will eliminate diesel particulate and mobile-source tailpipe emissions. New buses will significantly reduce METRO's operating cost/bus due to lower maintenance costs and anticipated lower fuel costs per bus relative to the cost of CNG or diesel fuel. Passengers will benefit from cleaner, quieter buses.							
Purpose and Need							
METRO currently has 61 buses 16 years or older with an average mileage of 603,000 miles, far beyond the federally prescribed useful lifespan of 12 years and 500,000 miles. This project will provide substantial capital revenue to purchase two new buses to retire diesel buses which are beyond their useful life and will help METRO reach the California Air Resources Board's goal of having a 100% zero-emission public transit fleet by 2040.							
Category		Outputs/Outcomes			Unit	Total	
Intercity Rail/Mass Trans		Rail cars/ transit vehicles			each	2	
ADA Improvements No		Bike/Ped Improvements No			Reversible Lane analysis No		
Includes Sustainable Communities Strategy Goals Yes				Reduces Greenhouse Gas Emissions Yes			
Project Milestone					Existing	Proposed	
Project Study Report Approved							
Begin Environmental (PA&ED) Phase						NA	
Circulate Draft Environmental Document			Document Type			NA	
Draft Project Report						NA	
End Environmental Phase (PA&ED Milestone)						NA	
Begin Design (PS&E) Phase						NA	
End Design Phase (Ready to List for Advertisement Milestone)						NA	
Begin Right of Way Phase						NA	
End Right of Way Phase (Right of Way Certification Milestone)						NA	
Begin Construction Phase (Contract Award Milestone)						12/28/18	
End Construction Phase (Construction Contract Acceptance Milestone)						12/27/19	
Begin Closeout Phase						01/02/20	
End Closeout Phase (Closeout Report)						03/27/20	

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PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

Date: 12/15/17

District	County	Route	EA	Project ID	PPNO	Alt Proj. ID
05	SCR				2829	
Project Title: SC METRO Revenue Vehicle Replacements						

Existing Total Project Cost (\$1,000s)									Implementing Agency
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	
E&P (PA&ED)									
PS&E									
R/W SUP (CT)									
CON SUP (CT)									Santa Cruz METRO
R/W									
CON									Santa Cruz METRO
TOTAL									
Proposed Total Project Cost (\$1,000s)									Notes
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	
E&P (PA&ED)									
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON								1,956	1,956
TOTAL								1,956	1,956

Fund No. 1:	RIP - FTA transfer								Program Code
Existing Funding (\$1,000s)									30.10.070.626
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency
E&P (PA&ED)									SCCRTC
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL									
Proposed Funding (\$1,000s)									Notes
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	
E&P (PA&ED)									
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON								870	870
TOTAL								870	870
									Approved by RTC 12/7/17. Funds to be federalized, using FTA-transfer.

Fund No. 2:	SCCRTC Local Partnership Program (LPP) 2018 - 2019								Program Code
Existing Funding (\$1,000s)									
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency
E&P (PA&ED)									SCCRTC
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL									
Proposed Funding (\$1,000s)									Notes
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	
E&P (PA&ED)									
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON								155	155
TOTAL								155	155
									Approved by RTC 12/7/17

PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

Date: 12/15/17

District	County	Route	EA	Project ID	PPNO	Alt Proj. ID
05	SCR				2829	
Project Title: SC METRO Revenue Vehicle Replacements						

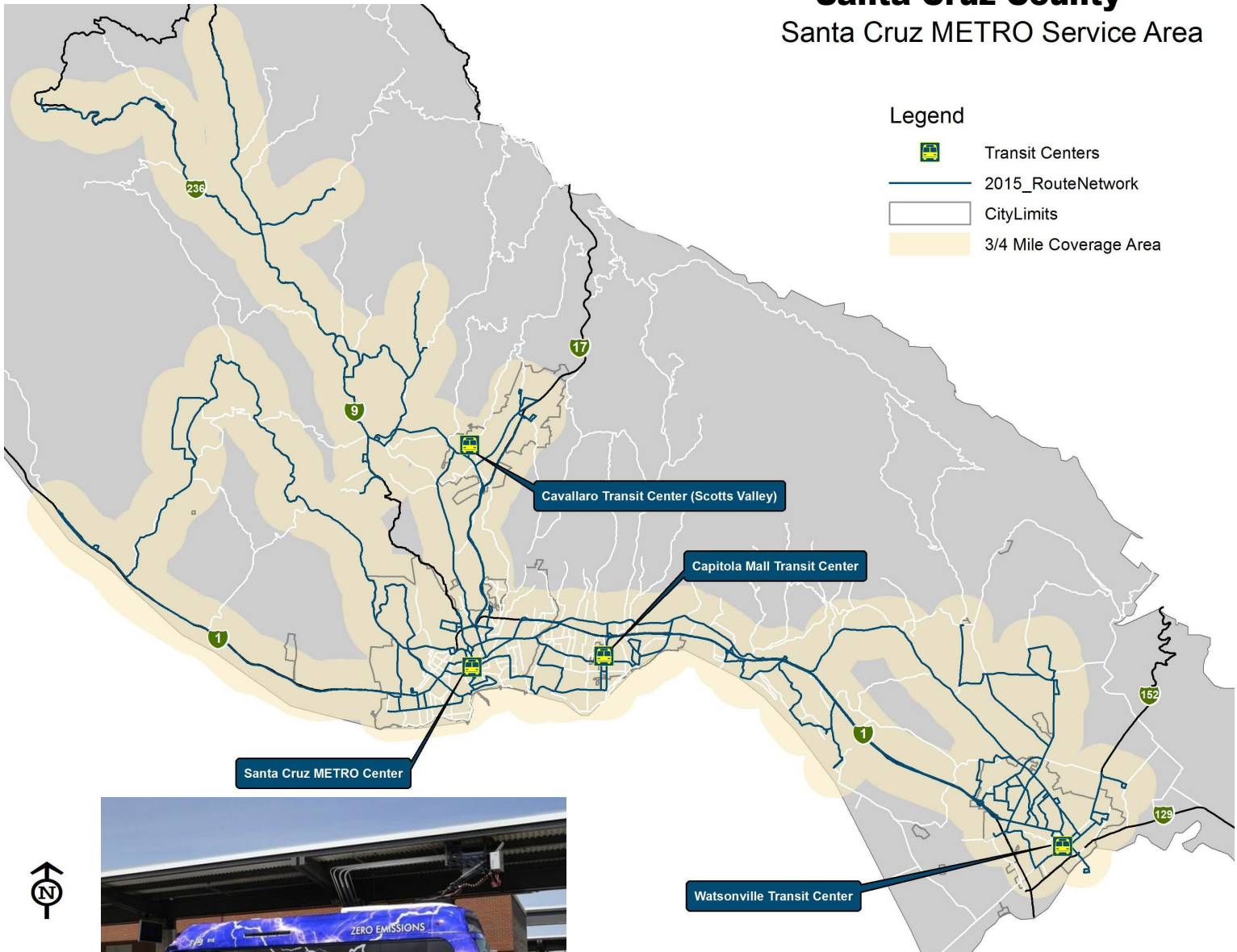
Fund No. 3: SC METRO Local Partnership Program (LPP) 2018 - 2019									Program Code
Existing Funding (\$1,000s)									
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency
E&P (PA&ED)									
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL									
Proposed Funding (\$1,000s)									Notes
E&P (PA&ED)									Approved by SCMTD 11/17/17
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON			631					631	
TOTAL			631					631	

Fund No. 4: CalStart Heavy-duty Vehicle Incentive Program Vouchers (HVIP)									Program Code
Existing Funding (\$1,000s)									
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency
E&P (PA&ED)									
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL									
Proposed Funding (\$1,000s)									Notes
E&P (PA&ED)									
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON			300					300	
TOTAL			300					300	



METRO Revenue Vehicle Replacements Transit Network Map

Santa Cruz County Santa Cruz METRO Service Area



PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

General Instructions

Amendment (Existing Project) No					Date:	12/13/17	
District	EA	Project ID		PPNO	MPO ID		Alt Proj. ID
05				2826	RTC02ASC		STPLNI 6149(092)
County	Route/Corridor	PM Bk	PM Ahd	Project Sponsor/Lead Agency			
SCR				Santa Cruz County Regional Transportation Commission			
				MPO		Element	
				AMBAG		LA	
Project Manager/Contact		Phone		E-mail Address			
Anais Schenk		831-460-3200		aschenk@scrtc.org			
Project Title							
Cruz511 Traveler Information Program							
Location (Project Limits), Description (Scope of Work)							
Transportation demand management, including centralized traveler information system and ridematching services.							
Component							
Implementing Agency							
PA&ED							
PS&E							
Right of Way							
Construction Santa Cruz County Regional Transportation Commission (SCRTC)							
Legislative Districts							
Assembly:	29 & 30		Senate:	17		Congressional:	18 & 20
Project Benefits							
The RTC has found that non-capital costs for this transportation demand management program to be a cost-effective substitute for capital expenditures.Reduce traffic congestion, vehicle trips, vehicle miles traveled, greenhouse gases and improve health and air quality by shifting single occupancy vehicle trips to sustainable modes of transportation including ridesharing, bicycling, walking and riding transit and reducing trips during roadway closures and other incidents.							
Purpose and Need							
Facilitate use of sustainable transportation, provide a traveler information service for up-to-the minute traffic, transit, bicycle and pedestrian information in order to reduce traffic congestion, vehicle trips, vehicle miles traveled, greenhouse gases and improve health and air quality. Improve safety by reducing road rage due to travel time uncertainty and provide traveler information resources in centralized location.							
Category		Outputs/Outcomes			Unit	Total	
TDM		Operational Improvements			each	1	
ADA Improvements Yes		Bike/Ped Improvements Yes			Reversible Lane analysis		Y/N
Includes Sustainable Communities Strategy Goals		Yes			Reduces Greenhouse Gas Emissions		Yes
Project Milestone					Existing	Proposed	
Project Study Report Approved					10/23/17		
Begin Environmental (PA&ED) Phase						na	
Circulate Draft Environmental Document			Document Type			na	
Draft Project Report						na	
End Environmental Phase (PA&ED Milestone)						na	
Begin Design (PS&E) Phase						na	
End Design Phase (Ready to List for Advertisement Milestone)						na	
Begin Right of Way Phase						na	
End Right of Way Phase (Right of Way Certification Milestone)						na	
Begin Construction Phase (Contract Award Milestone)						07/01/18	
End Construction Phase (Construction Contract Acceptance Milestone)						06/30/20	
Begin Closeout Phase						08/01/20	
End Closeout Phase (Closeout Report)						12/31/20	

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PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

Date: 12/13/17

Additional Information

Cruz511 provides traveler information and transportation demand management services including traffic map, traffic congestion, traffic incidents, outreach, education, and incentives with the mission of reducing single occupancy vehicle (SOV) trips, vehicle miles traveled and roadway congestion. The program also acts a traveler information hub for commuters and visitors looking for information on road conditions or sustainable transportation modes.

The program includes employer outreach and coordination, rideshare matching, and personalized commute planning. Program goals have recently been updated to provide clear direction for future work efforts and incorporate new technology into the planning process, prioritizing equity, safety, and the user experience.

Program goals include: 1) focus on equity by providing customized services to low income and minority populations; 2) support other agencies in Vision Zero efforts and incorporate more messaging related to safety into RTC work products and Cruz511 materials; 3) provide an improved user experience by collaborating with other agencies and non-profits who are on the front end to provide resources and tools on the back end such that user facing services are seamless.

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PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

Date: 12/13/17

District	County	Route	EA	Project ID	PPNO	Alt Proj. ID
05	SCR, ,	, ,			2826	STPLNI
Project Title: Cruz511 Traveler Information Program						

Existing Total Project Cost (\$1,000s)									Implementing Agency
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	
E&P (PA&ED)									
PS&E									
R/W SUP (CT)									
CON SUP (CT)									Santa Cruz County Regional
R/W									
CON									Santa Cruz County Regional
TOTAL									
Proposed Total Project Cost (\$1,000s)									Notes
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	
E&P (PA&ED)									
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON			291	260				551	
TOTAL			291	260				551	

Fund No. 1:	RIP - State Cash (ST-CASH)								Program Code
Existing Funding (\$1,000s)									20.30.400.656
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency
E&P (PA&ED)									Santa Cruz County Regional Trans
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL									
Proposed Funding (\$1,000s)									Notes
E&P (PA&ED)									Funds approved by RTC 12/7/17. SOF requested.
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON			181	150				331	
TOTAL			181	150				331	

Fund No. 2:	Regional Transportation Planning Agency (RTPA) STP Match Exchange								Program Code
Existing Funding (\$1,000s)									20.30.010.850
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency
E&P (PA&ED)									SCCRTC
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL									
Proposed Funding (\$1,000s)									Notes
E&P (PA&ED)									State exchange funds per Sec. 182.6 of S&HC
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON			60	60				120	
TOTAL			60	60				120	

Fund No. 3:		Measure D- Locally Generated Sales Tax							Program Code	
		Existing Funding (\$1,000s)							20.XX.400.100	
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency	
E&P (PA&ED)									SCCRTC	
PS&E										
R/W SUP (CT)										
CON SUP (CT)										
R/W										
CON										
TOTAL										
		Proposed Funding (\$1,000s)							Notes	
E&P (PA&ED)									Measure D approved by voters 11/16	
PS&E										
R/W SUP (CT)										
CON SUP (CT)										
R/W										
CON		50	50					100		
TOTAL		50	50					100		

PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

Complete this page for amendments only

Date: 12/13/17

District	County	Route	EA	Project ID	PPNO	Alt Proj.
05	SCR				2826	STPLNI

SECTION 1 - All Projects**Project Background**

Cruz511 transportation demand management program. New 2018 STIP project.

Programming Change Requested

New 2018 STIP Project. Program \$331,000 over 2 years.

Reason for Proposed Change

Cost-effective program to reduce VMT and congestion through traveler information, ridematching, etc.

If proposed change will delay one or more components, clearly explain 1) reason the delay, 2) cost increase related to the delay, and 3) how cost increase will be funded


NA

Other Significant Information

NA

SECTION 3 - All Projects**Approvals**

I hereby certify that the above information is complete and accurate and all approvals have been obtained for the processing of this amendment request.*

Name (Print or Type)	Signature	Title	Date
Rachel Moriconi		Sr. Transportation Planner	

Attachments

- 1) Concurrence from Implementing Agency and/or Regional Transportation Planning Agency
- 2) Project Location Map

www.Cruz511.org

Covers all of Santa Cruz County, coordinates with MTC's www.511.org and Monterey County programs.

The screenshot shows the Cruz511 website interface. At the top left is the Cruz511 logo with the tagline "traveler information". A navigation menu includes "Home", "Drive", "Transit", "Bike", "Walk", "More", "News", and "Español". A prominent orange banner reads "ALERT: Curve Realignment Project Continues On Highway 129" with a "CLOSE" button. Below the banner is a Google Map of Santa Cruz County with various road conditions indicated by colored lines. At the bottom of the map area is a toolbar with icons for "Traffic Speeds", "Traffic Incidents", "Caltrans Camera", "Message Signs", and "Lane Closures".



Traffic Conditions

View current travel speeds, road conditions, traffic alerts, and traffic cameras.



Plan Your Trip

Planning trips by bus, bike, car or on foot is quick and easy with Google's Trip Planner.



Share a Ride

Green your commute and explore all your rideshare options.



Bike Maps

Everything you need to find your way around Santa Cruz County by bike.



Accessible Travel

Discover transportation options for seniors and people with disabilities.



Emergency Services

Be prepared and stay informed. Know what to do and where to go in an emergency.



Workplace Programs

Take the work out of getting to work. Improve commuter options at your workplace.



True Cost of Driving

Calculate your drive-alone commute costs with this handy tool.

PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

General Instructions

Amendment (Existing Project) No					Date:	12/15/17	
District	EA	Project ID		PPNO	MPO ID		Alt Proj. ID
05				2824	SC 51		
County	Route/Corridor	PM Bk	PM Ahd	Project Sponsor/Lead Agency			
SCR	River St			City of Santa Cruz			
				MPO		Element	
				AMBAG		Capital Outlay	
Project Manager/Contact		Phone		E-mail Address			
Christophe J Schneider, PE		831-420-5422		cschneider@cityofsantacruz.com			
Project Title							
River Street Pavement Rehabilitation between Water Street and Potrero Street.							
Location (Project Limits), Description (Scope of Work)							
River Street between Water Street and Portrero Street in the City of Santa Cruz. Repaving of multimodal arterial to preserve the facility.							
Component							
		Implementing Agency					
PA&ED	City of Santa Cruz						
PS&E	City of Santa Cruz						
Right of Way	N/A						
Construction	City of Santa Cruz						
Legislative Districts							
Assembly:	29		Senate:	17		Congressional:	20
Project Benefits							
The project improves River St for all modes: auto, trucks, transit, bikes and pedestrians. The project preserves the existing infrastructure and extends the life. New access ramps will be installed and sidewalks repaired as needed to improve accessibility along the corridor. Travel lanes, bike lanes, and crosswalks will all be restriped.							
Purpose and Need							
This project is an infrastructure preservation project for a multimodal arterial. River Street (10,535 AADT) serves local traffic and regional visitors, has significant bicycle and pedestrian activity, and is the gateway corridor between the METRO operations yard and the downtown transit center. Repaving is necessary to preserve the facility. There are existing continuous sidewalks, Class 2 bike lanes and transit stops along both sides of the street.							
Category		Outputs/Outcomes			Unit	Total	
Local streets and roads		Local road operational Improvements			miles	0.4	
ADA Improvements Y/N		Bike/Ped Improvements Yes			Reversible Lane analysis No		
Includes Sustainable Communities Strategy Goals Yes				Reduces Greenhouse Gas Emissions No			
Project Milestone					Existing	Proposed	
Project Study Report Approved					10/23/17		
Begin Environmental (PA&ED) Phase						01/15/18	
Circulate Draft Environmental Document			Document Type	CE		01/15/18	
Draft Project Report						na	
End Environmental Phase (PA&ED Milestone)						01/15/18	
Begin Design (PS&E) Phase						01/15/18	
End Design Phase (Ready to List for Advertisement Milestone)						03/30/18	
Begin Right of Way Phase						na	
End Right of Way Phase (Right of Way Certification Milestone)						na	
Begin Construction Phase (Contract Award Milestone)						07/01/18	
End Construction Phase (Construction Contract Acceptance Milestone)						10/01/18	
Begin Closeout Phase						11/01/18	
End Closeout Phase (Closeout Report)						12/31/18	

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PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

Date: 12/15/17

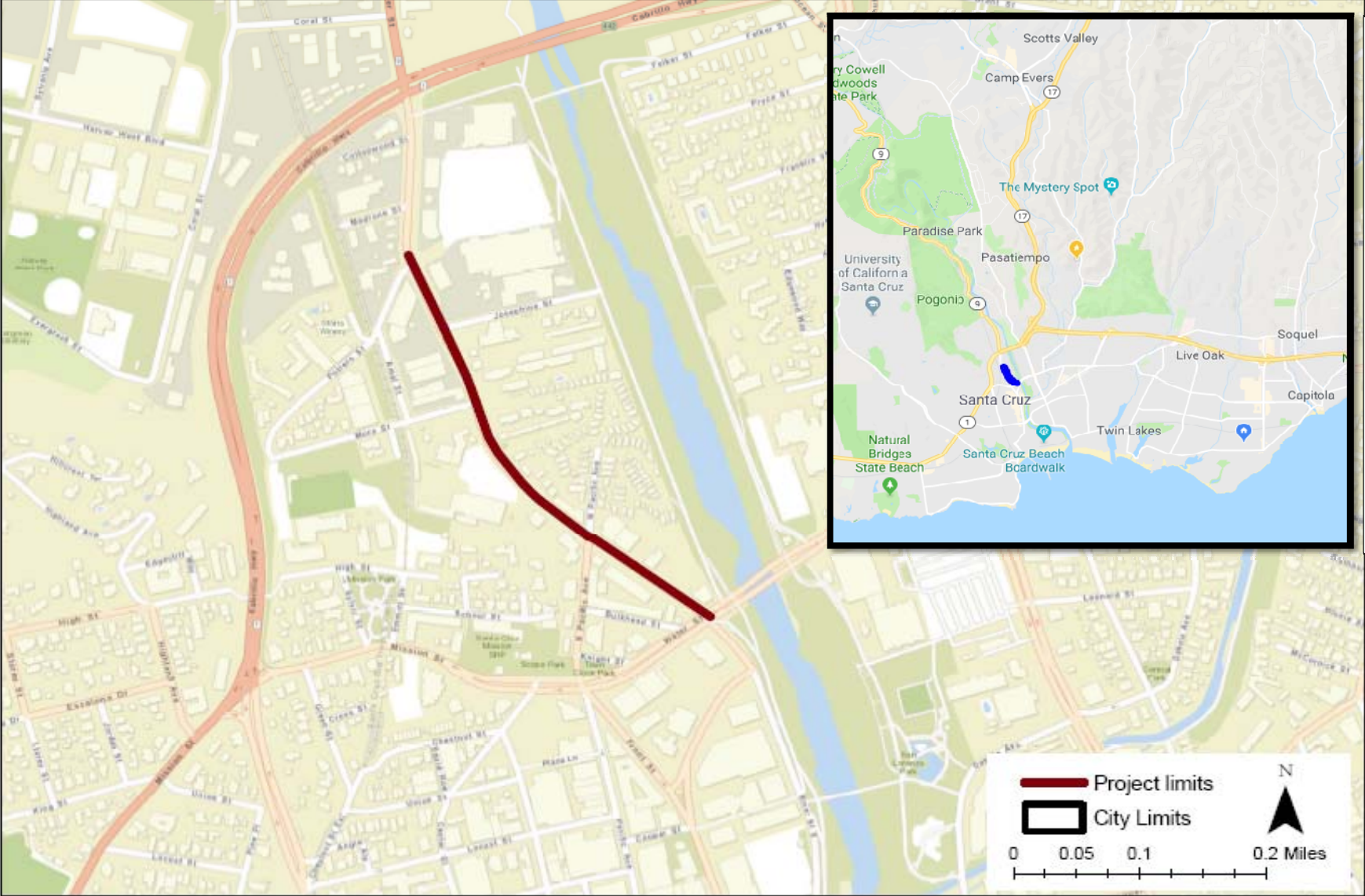
District	County	Route	EA	Project ID	PPNO	Alt Proj. ID
05	SCR	River St			2824	
Project Title: River Street Pavement Rehabilitation between Water Street and Potrero Street.						

Existing Total Project Cost (\$1,000s)									Implementing Agency
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	
E&P (PA&ED)									City of Santa Cruz
PS&E									City of Santa Cruz
R/W SUP (CT)									N/A
CON SUP (CT)									City of Santa Cruz
R/W									N/A
CON									City of Santa Cruz
TOTAL									
Proposed Total Project Cost (\$1,000s)									Notes
E&P (PA&ED)	31							31	
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON		1,744						1,744	
TOTAL	31	1,744						1,775	

Fund No. 1:	RIP - State Cash (ST-CASH)								Program Code
Existing Funding (\$1,000s)									20.30.600.621
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency
E&P (PA&ED)									CTC/SCCRTC
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL									
Proposed Funding (\$1,000s)									Notes
E&P (PA&ED)									SOF requested (under \$1M). Approved by RTC 12/7/17.
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON		775						775	
TOTAL		775						775	

Fund No. 2:	Local								Program Code
Existing Funding (\$1,000s)									
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency
E&P (PA&ED)									City of Santa Cruz
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL									
Proposed Funding (\$1,000s)									Notes
E&P (PA&ED)	31							31	
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON		969						969	
TOTAL	31	969						1,000	

River Street Pavement Rehabilitation between Water Street and Potrero Street



PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

General Instructions

Amendment (Existing Project) No					Date:	12/15/17	
District	EA	Project ID		PPNO	MPO ID		Alt Proj. ID
05				2825	WAT 45		
County	Route/Corridor	PM Bk	PM Ahd	Project Sponsor/Lead Agency			
SCR				City of Watsonville			
				MPO		Element	
				Non-MPO		Local Assistance	
Project Manager/Contact		Phone		E-mail Address			
Murray Fontes		831-768-3117		murray.fontes@cityofwatsonville.org			
Project Title							
Freedom Blvd Reconstruction from Alta Vista Ave to Davis Ave							
Location (Project Limits), Description (Scope of Work)							
Project limits are Freedom Blvd from Alta Vista Ave to Davis Ave. Scope of work is remove and replace non-ADA compliant driveways and curb ramps, install high visibility crosswalks, provide sharrows and bicycle signage, upgrade existing bus stop shelter, install new traffic signal at Sydney Ave with pedestrian signal heads, pedestrian actuated traffic signals, audible countdown, pedestrian-level lighting and illumination at crosswalks and reconstruct roadway.							
Component							
Implementing Agency							
PA&ED	City of Watsonville						
PS&E	City of Watsonville						
Right of Way	City of Watsonville						
Construction	City of Watsonville						
Legislative Districts							
Assembly:	29th & 30th District	Senate:	17th District	Congressional:	20th District		
Project Benefits							
System preservation and fills gaps in bicycle and sidewalk network. Watsonville is a disadvantaged community. Freedom Blvd is a primary arterial corridor with an ADT of 24,000 (continued Page 2).							
Purpose and Need							
Improves multimodal modes of transportation by upgrading pedestrian and transit facilities, providing improved pedestrian crossing facilities at new signal location and providing sharrow bicycle markings and bicycle signage where none currently.							
Category		Outputs/Outcomes			Unit	Total	
Local streets and roads		Local road lane-miles rehabilitated			Miles	0.4	
Local streets and roads		Pedestrian/Bicycle Facilities miles constructed			each	5	
Local streets and roads		Local road operational Improvements			each	1	
Local streets and roads		Station improvements			each	1	
ADA Improvements	Yes	Bike/Ped Improvements	Yes	Reversible Lane analysis	No		
Includes Sustainable Communities Strategy Goals				Yes	Reduces Greenhouse Gas Emissions	No	
Project Milestone					Existing	Proposed	
Project Study Report Approved					10/23/17		
Begin Environmental (PA&ED) Phase						07/01/20	
Circulate Draft Environmental Document			Document Type	ND		02/01/21	
Draft Project Report						NA	
End Environmental Phase (PA&ED Milestone)						08/01/21	
Begin Design (PS&E) Phase						07/01/20	
End Design Phase (Ready to List for Advertisement Milestone)						08/01/21	
Begin Right of Way Phase						05/01/21	
End Right of Way Phase (Right of Way Certification Milestone)						08/01/21	
Begin Construction Phase (Contract Award Milestone)						12/01/21	
End Construction Phase (Construction Contract Acceptance Milestone)						10/01/22	
Begin Closeout Phase						10/01/22	
End Closeout Phase (Closeout Report)						04/01/23	

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PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

Date: 12/15/17

Additional Information

PROJECT BENEFITS (continued) - Reconstruction of the roadway will extend the service life of the pavement and benefit automobiles, bicycles and transit. Replacement of non-compliant curb ramps and addition of pedestrian facilities will enhance pedestrian safety. Replacement of an older bus shelter will provide benefit the transit system. Addition of sharrows and signage will improve the safety of bicyclists. Installation of a traffic signal at the intersection of Freedom Blvd and Sydney Avenue will improve safety for all modes of transportation. SUSTAINABLE COMMUNITY STRATEGY GOALS include: #1 - "Improve people's access to jobs, schools, health care and other regular needs in ways that improve health, reduce pollution and retain money in the local economy" by improving transit, bicycle and pedestrian facilities; #2 - "Reduce transportation related fatalities and injuries for all transportation modes" by installing traffic signal at intersection with Sydney Ave.



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PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

Date: 12/15/17

District	County	Route	EA	Project ID	PPNO	Alt Proj. ID
05	SCR				2825	
Project Title: Freedom Blvd Reconstruction from Alta Vista Ave to Davis Ave						

Existing Total Project Cost (\$1,000s)									Implementing Agency
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	
E&P (PA&ED)									City of Watsonville
PS&E									City of Watsonville
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									City of Watsonville
TOTAL									
Proposed Total Project Cost (\$1,000s)									Notes
E&P (PA&ED)					25			25	New RIP project for 2018 STIP.
PS&E					100			100	
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON						2,050		2,050	
TOTAL					125	2,050		2,175	

Fund No. 1:	RIP - State Cash (ST-CASH)								Program Code
Existing Funding (\$1,000s)									20.30.600.620
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency
E&P (PA&ED)									RTC/CTC
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL									
Proposed Funding (\$1,000s)									Notes
E&P (PA&ED)									SOF RIP - relatively small city. Approved by RTC 12/7/17.
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON						1,550		1,550	
TOTAL						1,550		1,550	

Fund No. 2:	City of Watsonville								Program Code
Existing Funding (\$1,000s)									20.XX.400.100
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency
E&P (PA&ED)									City of Watsonville
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL									
Proposed Funding (\$1,000s)									Notes
E&P (PA&ED)					25			25	
PS&E					100			100	
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON						500		500	
TOTAL					125	500		625	

PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

General Instructions

Amendment (Existing Project) No					Date:	12/15/17	
District	EA	Project ID		PPNO	MPO ID		Alt Proj. ID
05				2821	CO83SC		
County	Route/Corridor	PM Bk	PM Ahd	Project Sponsor/Lead Agency			
SCR				County of Santa Cruz			
				MPO		Element	
				AMBAG		Local Assistance	
Project Manager/Contact		Phone		E-mail Address			
Casey Carlson		(831) 454-3102		dpw316@co.santa-cruz.ca.us			
Project Title							
Highway 17 to Soquel Corridor Chip Seal Project							
Location (Project Limits), Description (Scope of Work)							
Locations: Vine Hill Road (State Highway 17 to Branciforte Drive), Branciforte Drive (Vine Hill Road to PM 0.7), Mountain View Road (Branciforte Drive to North Rodeo Gulch Road), North Rodeo Gulch Road (Mountain View Road to PM 1.97), Laurel Glen Road (North Rodeo Gulch Road to Soquel San Jose Road), Soquel San Jose Road (Laurel Glen Road to Dawn Lane)							
Description: Project will consist of Asphalt Digout, Chip Seal, and restriping of a portion of above listed Roads in Santa Cruz County. Project purpose is to rehabilitate the roadway surface.							
Component		Implementing Agency					
PA&ED		County of Santa Cruz					
PS&E		County of Santa Cruz					
Right of Way		County of Santa Cruz					
Construction		County of Santa Cruz					
Legislative Districts							
Assembly:	29		Senate:	17		Congressional:	20
Project Benefits							
The Highway 17 to Soquel Corridor is located in the central area of Santa Cruz County and this route connects State Highway 17 to the Town of Soquel and State Highway 1. This corridor is a heavily used cut through route which bypasses the primary commute route for the County. This route is a vital thoroughfare and this project will extend the life of this road network so that it may continue to benefit the community.							
Purpose and Need							
System Preservation. Project will improve roadway surface and extend life of roadway. Below are current PCI Values for project roadways. Branciforte Dr PCI=50-61, Laurel Glen Rd PCI=10-59, Mountain View Rd PCI=60-75, N Rodeo Gulch Rd PCI=24-28, Soquel San Jose Rd PCI=68-77, Vine Hill Rd PCI=49-79							
Category		Outputs/Outcomes			Unit	Total	
Local streets and roads		Local road lane-miles rehabilitated			Miles	9.9	
ADA Improvements No		Bike/Ped Improvements No			Reversible Lane analysis No		
Includes Sustainable Communities Strategy Goals Yes				Reduces Greenhouse Gas Emissions No			
Project Milestone					Existing	Proposed	
Project Study Report Approved					10/23/17		
Begin Environmental (PA&ED) Phase						10/16/17	
Circulate Draft Environmental Document			Document Type	CE		10/16/17	
Draft Project Report							
End Environmental Phase (PA&ED Milestone)						01/12/18	
Begin Design (PS&E) Phase						01/16/18	
End Design Phase (Ready to List for Advertisement Milestone)						04/16/18	
Begin Right of Way Phase						03/12/18	
End Right of Way Phase (Right of Way Certification Milestone)						04/16/18	
Begin Construction Phase (Contract Award Milestone)						07/16/18	
End Construction Phase (Construction Contract Acceptance Milestone)						10/22/18	
Begin Closeout Phase						10/22/18	
End Closeout Phase (Closeout Report)						12/17/18	

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PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

Date: 12/15/17

Additional Information

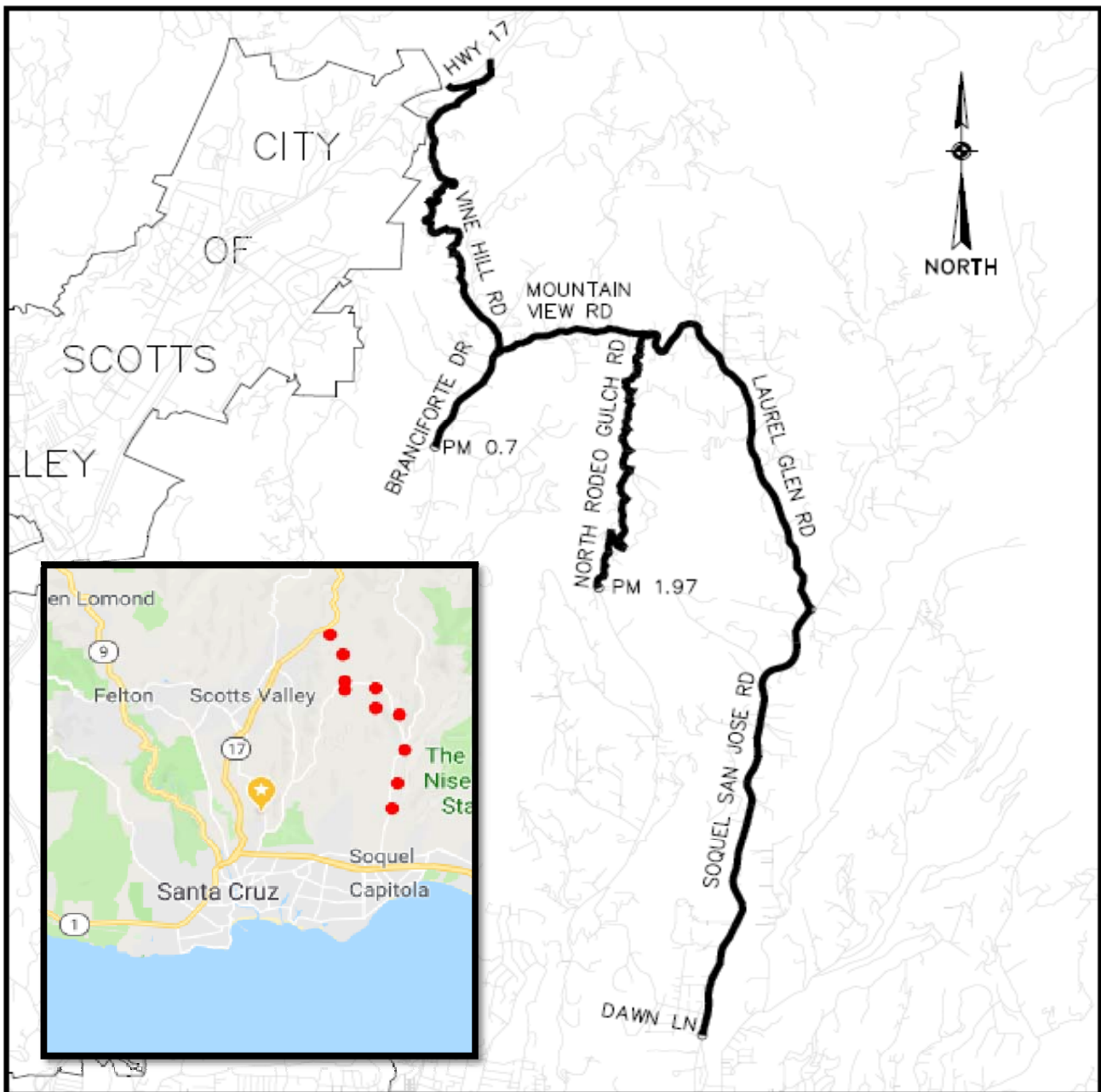
This project involves pavement maintenance of approximately 9.90 miles of the Highway 17 to Soquel Corridor encompassing all road sections noted in the project description. The construction method used shall be isolated sections of digout and asphalt replacement where rutting has occurred, followed by an application of Chip Seal to the entire roadway surface, then restriping of the work area. Work shall extend from existing roadway edge to existing roadway edge.

The average pavement condition of the County of Santa Cruz's over 1200 centerline miles of roadways is 39 out of 100 (per 2017 Streetsaver). Over 60% of the roadways in the unincorporated areas are in "poor" or "very poor" condition. SCCRTC and the County of Santa Cruz are investing SB1, Measure D, and other state and federal funds to address this backlog of maintenance needs and appreciates this opportunity to partner with the CTC and Caltrans to rehabilitate and maintain our roads.

The Highway 17 to Soquel Corridor is located in the central area of Santa Cruz County and this route connects State Highway 17 (just north of Scotts Valley) to the Town of Soquel and State Highway 1. State Highway 17 to State Highway 1 is the primary commute route for the County, Soquel San Jose Road is a cut through route which bypasses this route taking traffic directly from the Summit Rd exit of Highway 17 to the Porter Street Exit of Highway 1 in Soquel. Soquel San Jose Road was the former Highway of this region and was built to accommodate heavy loading and high volumes of traffic, it serves a high commute traffic volume on a normal day, and during emergencies when Highway 17 is blocked it becomes the primary bypass route of Highway 17. During the winter of 2016/2017, heavy storms caused a major slipout which completely cut off upper Soquel San Jose Road, and caused blockages on State Highway 17, these events caused traffic to seek alternate routes. Vine Hill Road to Soquel or Santa Cruz became the primary route for a prolonged period this winter. As a result, roads which were not constructed to accommodate this volume of commute traffic saw much greater levels of wear than in normal years, and more commuters who were previously unfamiliar with this route now use it with more frequency on average days. Due to this excess use, these routes are now in greater need of resurfacing. This route serves primarily motor vehicles, bike lanes are present on a portion on Soquel San Jose Road and the remainder of the road is signed to indicate bicycles may use the full road width, the other routes in this proposal do not have bike lanes although they are known to be popular with recreational cyclists. This route provides access to commuters, residents, emergency response vehicles, Happy Valley School, Mountain School, Soquel High School, Branciforte Fire Station, The Mystery Spot, St. Claire's Retreat, Delaveaga Park, Anna Jean Cummings Park, the communities of Happy Valley and Soquel, and is a vital thoroughfare connecting Highway 17 to Soquel and Santa Cruz and is a backup route when primary routes are blocked. This project will extend the life of this road network so that it may continue to benefit the community.

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HWY 17 TO SOQUEL CORRIDOR

VINE HILL ROAD & WEST VINE HILL ROAD (STATE HIGHWAY 17 TO BRANCIFORTE DRIVE), BRANCIFORTE DRIVE (VINE HILL ROAD TO PM 0.7), MOUNTAIN VIEW ROAD (BRANCIFORTE DRIVE TO NORTH RODEO GULCH ROAD), NORTH RODEO GULCH ROAD (MOUNTAIN VIEW ROAD TO PM 1.97), LAUREL GLEN ROAD (NORTH RODEO GULCH ROAD TO SOQUEL SAN JOSE ROAD), & SOQUEL SAN JOSE ROAD (LAUREL GLEN ROAD TO DAWN LANE)

PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

General Instructions

Amendment (Existing Project) No					Date:	12/15/17		
District		EA	Project ID		PPNO	MPO ID		Alt Proj. ID
05					2823	CO 85		
County	Route/Corridor		PM Bk	PM Ahd	Project Sponsor/Lead Agency			
SCR					County of Santa Cruz			
					MPO		Element	
					AMBAG		Local Assistance	
Project Manager/Contact			Phone		E-mail Address			
Casey Carlson			(831) 454-3102		dpw316@co.santa-cruz.ca.us			
Project Title								
Scotts Valley Area Routes Chip Seal Project								
Location (Project Limits), Description (Scope of Work)								
Locations:								
Mount Hermon Road		(PM 1.31 to Scotts Valley City Limit)						
Lockwood Lane		(Graham Hill Rd to Scotts Valley City Limit)						
Graham Hill Road		(Sims Rd to Lockwood Ln)						
Description:								
Project will consist of Asphalt Digout, Chip Seal, and restriping of a portion of above listed Roads in Santa Cruz County. Project purpose is to rehabilitate the roadway surface.								
Component		Implementing Agency						
PA&ED		County of Santa Cruz						
PS&E		County of Santa Cruz						
Right of Way		County of Santa Cruz						
Construction		County of Santa Cruz						
Legislative Districts								
Assembly:	29		Senate:	17		Congressional:	18	
Project Benefits								
This project is a combined proposal for primary routes in the Scotts Valley Area. The City of Scotts Valley is located centrally between the primary commute route of Highway 17 and the communities of the San Lorenzo Valley, and these routes are the primary commute access to Highway 17, and serve local traffic and access to these communities and services. This project will extend the life of this road network so that it may continue to benefit the community.								
Purpose and Need								
System Preservation. Project will improve roadway surface and extend life of roadway. Below are current PCI Values for project roadways.								
Mt Hermon Road PCI=41-62 Lockwood Lane PCI=24 Graham Hill Road PCI=38								
Category			Outputs/Outcomes			Unit	Total	
Local streets and roads			Local road lane-miles rehabilitated			Miles	2.76	
ADA Improvements No			Bike/Ped Improvements No			Reversible Lane analysis No		
Includes Sustainable Communities Strategy Goals Yes					Reduces Greenhouse Gas Emissions No			
Project Milestone						Existing	Proposed	
Project Study Report Approved						10/23/17		
Begin Environmental (PA&ED) Phase							10/16/17	
Circulate Draft Environmental Document				Document Type	CE		10/16/17	
Draft Project Report								
End Environmental Phase (PA&ED Milestone)							01/12/18	
Begin Design (PS&E) Phase							01/16/18	
End Design Phase (Ready to List for Advertisement Milestone)							04/16/18	
Begin Right of Way Phase							03/12/18	
End Right of Way Phase (Right of Way Certification Milestone)							04/16/18	
Begin Construction Phase (Contract Award Milestone)							07/16/18	
End Construction Phase (Construction Contract Acceptance Milestone)							10/22/18	
Begin Closeout Phase							10/22/18	
End Closeout Phase (Closeout Report)							12/17/18	

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PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

Date: 12/15/17

Additional Information

This project involves pavement maintenance of approximately 2.76 miles of primary County routes in the Scotts Valley Area encompassing all road sections noted in the project description. The construction method used shall be isolated sections of digout and asphalt replacement where rutting has occurred, followed by an application of Chip Seal to the entire roadway surface, then restriping of the work area. Work shall extend from existing roadway edge to existing roadway edge.

The average pavement condition of the County of Santa Cruz's over 1200 centerline miles of roadways is 39 out of 100 (per 2017 Streetsaver). Over 60% of the roadways in the unincorporated areas are in "poor" or "very poor" condition. SCCRTC and the County of Santa Cruz are investing SB1, Measure D, and other state and federal funds to address this backlog of maintenance needs and appreciates this opportunity to partner with the CTC and Caltrans to rehabilitate and maintain our roads.

This project is a combined proposal for primary routes in the Scotts Valley Area in need of resurfacing. The City of Scotts Valley is located centrally between the primary commute route of Highway 17 and the communities of the San Lorenzo Valley, and these routes are the primary commute access to Highway 17, and serve local traffic and access to the communities and services in Scotts Valley and the San Lorenzo Valley. This route provides access to commuters, residents, emergency response vehicles, Scotts Valley School District, San Lorenzo Valley School District, Scotts Valley Fire District, Felton Fire District, Roaring Camp, Mt Hermon Conference Center, Henry Cowell State Park, Valley Gardens Golf Course, Brookdale Scotts Valley Assisted Living Center, Scotts Valley Senior Center, Cavallero Transit Center, the communities of Scotts Valley and Felton, and serve as the primary commute access routes for San Lorenzo Valley. This project will extend the life of this road network so that it may continue to benefit the community.

ADA Notice

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PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

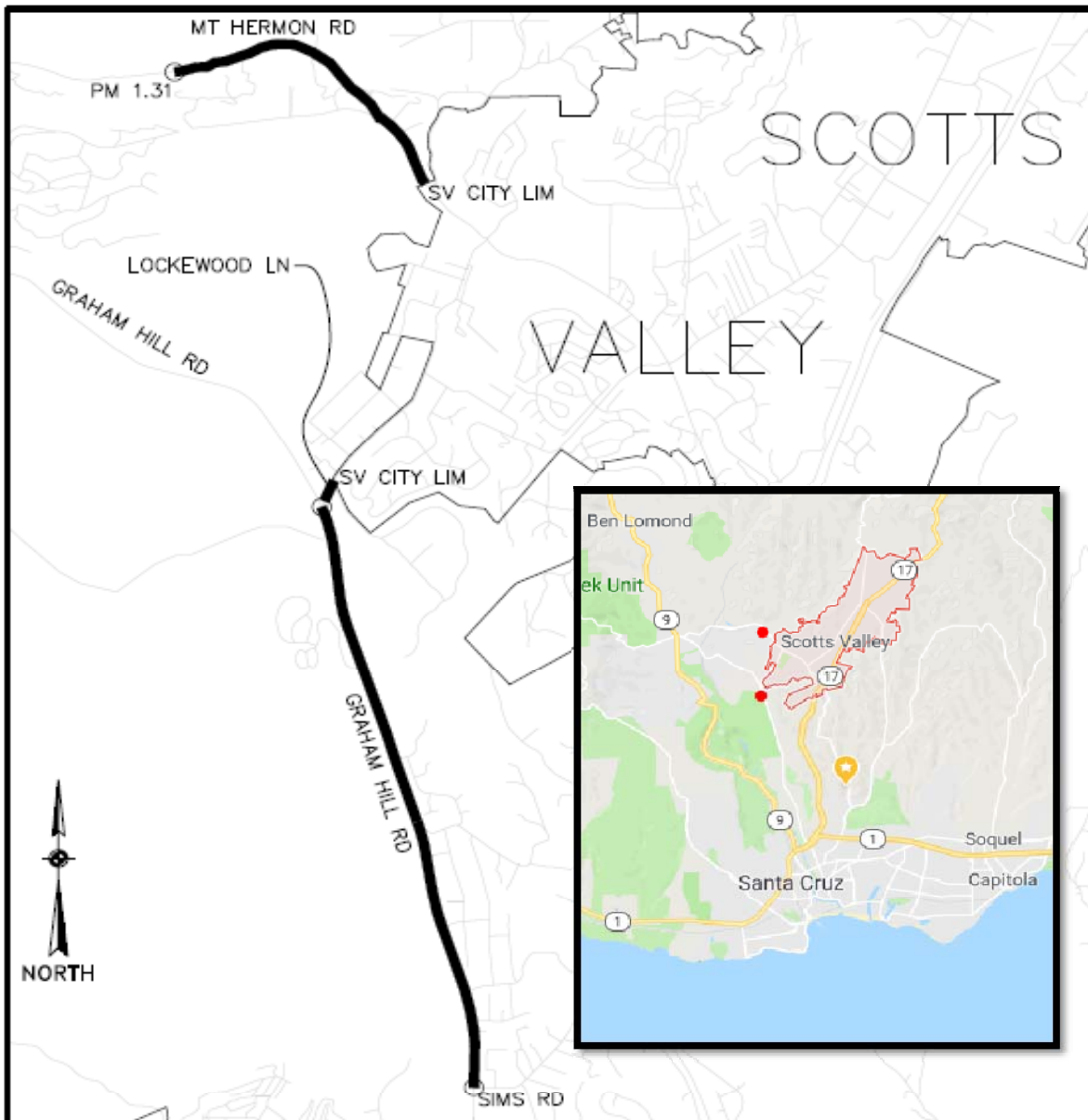
Date: 9/13/17

District	County	Route	EA	Project ID	PPNO	Alt Proj. ID
05	SCR				2823	
Project Title: Scotts Valley Area Routes Chip Seal Project						

Existing Total Project Cost (\$1,000s)									Implementing Agency
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	
E&P (PA&ED)	0	0	0	0	0	0	0	0	0
PS&E	0	0	0	0	0	0	0	0	0
R/W SUP (CT)	0	0	0	0	0	0	0	0	0
CON SUP (CT)	0	0	0	0	0	0	0	0	0
R/W	0	0	0	0	0	0	0	0	0
CON	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	
Proposed Total Project Cost (\$1,000s)									Notes
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	
E&P (PA&ED)	0	0	0	0	0	0	0	0	0
PS&E	0	0	0	0	0	0	0	0	0
R/W SUP (CT)	0	0	0	0	0	0	0	0	0
CON SUP (CT)	0	0	0	0	0	0	0	0	0
R/W	0	0	0	0	0	0	0	0	0
CON	0	940	0	0	0	0	0	940	
TOTAL	0	940	0	0	0	0	0	940	

STIP	RIP - State Cash (ST-CASH)								Program Code
Existing Funding (\$1,000s)									20.30.600.621
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency
E&P (PA&ED)								0	RTC/CTC
PS&E								0	
R/W SUP (CT)								0	
CON SUP (CT)								0	
R/W								0	
CON								0	
TOTAL	0	0	0	0	0	0	0	0	
Proposed Funding (\$1,000s)									Notes
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	
E&P (PA&ED)								0	Approved by RTC 12/7/17.
PS&E								0	SOF requested, under \$1M.
R/W SUP (CT)								0	
CON SUP (CT)								0	
R/W								0	
CON		832						832	
TOTAL	0	832	0	0	0	0	0	832	

Local Funds									Program Code
Existing Funding (\$1,000s)									
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	Funding Agency
E&P (PA&ED)								0	County of Santa Cruz
PS&E								0	
R/W SUP (CT)								0	
CON SUP (CT)								0	
R/W								0	
CON								0	
TOTAL	0	0	0	0	0	0	0	0	
Proposed Funding (\$1,000s)									Notes
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	
E&P (PA&ED)								0	
PS&E								0	
R/W SUP (CT)								0	
CON SUP (CT)								0	
R/W								0	
CON		108						108	
TOTAL	0	108	0	0	0	0	0	108	



SCOTTS VALLEY AREA ROUTES

MOUNT HERMON ROAD (PM 1.31 TO SCOTTS VALLEY CITY LIMIT), LOCKWOOD LANE (100' N/O GRAHAM HILL RD TO SCOTTS VALLEY CITY LIMIT), & GRAHAM HILL ROAD (SIMS RD TO LOCKWOOD LN)

PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

General Instructions

Amendment (Existing Project) No					Date:	12/15/17			
District		EA	Project ID		PPNO	MPO ID		Alt Proj. ID	
05					2822	CO86SC			
County	Route/Corridor		PM Bk	PM Ahd	Project Sponsor/Lead Agency				
SCR					County of Santa Cruz				
					MPO		Element		
					AMBAG		Local Assistance		
Project Manager/Contact			Phone		E-mail Address				
Casey Carlson			(831) 454-3102		dpw316@co.santa-cruz.ca.us				
Project Title									
Zayante Road Corridor Chip Seal Project									
Location (Project Limits), Description (Scope of Work)									
Location: East Zayante Rd and Upper East Zayante Road from Quail Hollow Rd to State Highway 35									
Description: Project will consist of Asphalt Digout, Chip Seal, and restriping of a portion of East Zayante and Upper East Zayante Roads in Santa Cruz County. Project purpose is to rehabilitate the roadway surface.									
Component		Implementing Agency							
PA&ED		County of Santa Cruz							
PS&E		County of Santa Cruz							
Right of Way		County of Santa Cruz							
Construction		County of Santa Cruz							
Legislative Districts									
Assembly:		29		Senate:		17		Congressional:	18
Project Benefits									
East Zayante and Upper East Zayante Roads are located in the northwestern area of Santa Cruz County and this route connects the town of Felton to State Highway 35 (Summit Road) which then connects to Highway 17, this route serves motor vehicles and public transit. This section is a vital thoroughfare connecting Felton to Highway 17 and can be used as a backup route when primary routes are blocked. This project will extend the life of this road so that it may continue to benefit the community.									
Purpose and Need									
System Preservation. Project will improve roadway surface and extend life of roadway. Below are current PCI Values for project roadways.									
Zayante Road PCI=0-62 Upper East Zayante Road PCI=31-45									
Category			Outputs/Outcomes			Unit	Total		
Local streets and roads			Local road lane-miles rehabilitated			Miles	9.07		
ADA Improvements No			Bike/Ped Improvements No			Reversible Lane analysis No			
Includes Sustainable Communities Strategy Goals yes					Reduces Greenhouse Gas Emissions No				
Project Milestone						Existing	Proposed		
Project Study Report Approved						10/23/17			
Begin Environmental (PA&ED) Phase							10/16/17		
Circulate Draft Environmental Document				Document Type	CE		10/16/17		
Draft Project Report									
End Environmental Phase (PA&ED Milestone)							01/12/18		
Begin Design (PS&E) Phase							01/16/18		
End Design Phase (Ready to List for Advertisement Milestone)							04/16/18		
Begin Right of Way Phase							03/12/18		
End Right of Way Phase (Right of Way Certification Milestone)							04/16/18		
Begin Construction Phase (Contract Award Milestone)							07/16/18		
End Construction Phase (Construction Contract Acceptance Milestone)							10/22/18		
Begin Closeout Phase							10/22/18		
End Closeout Phase (Closeout Report)							12/17/18		

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PROJECT PROGRAMMING REQUEST

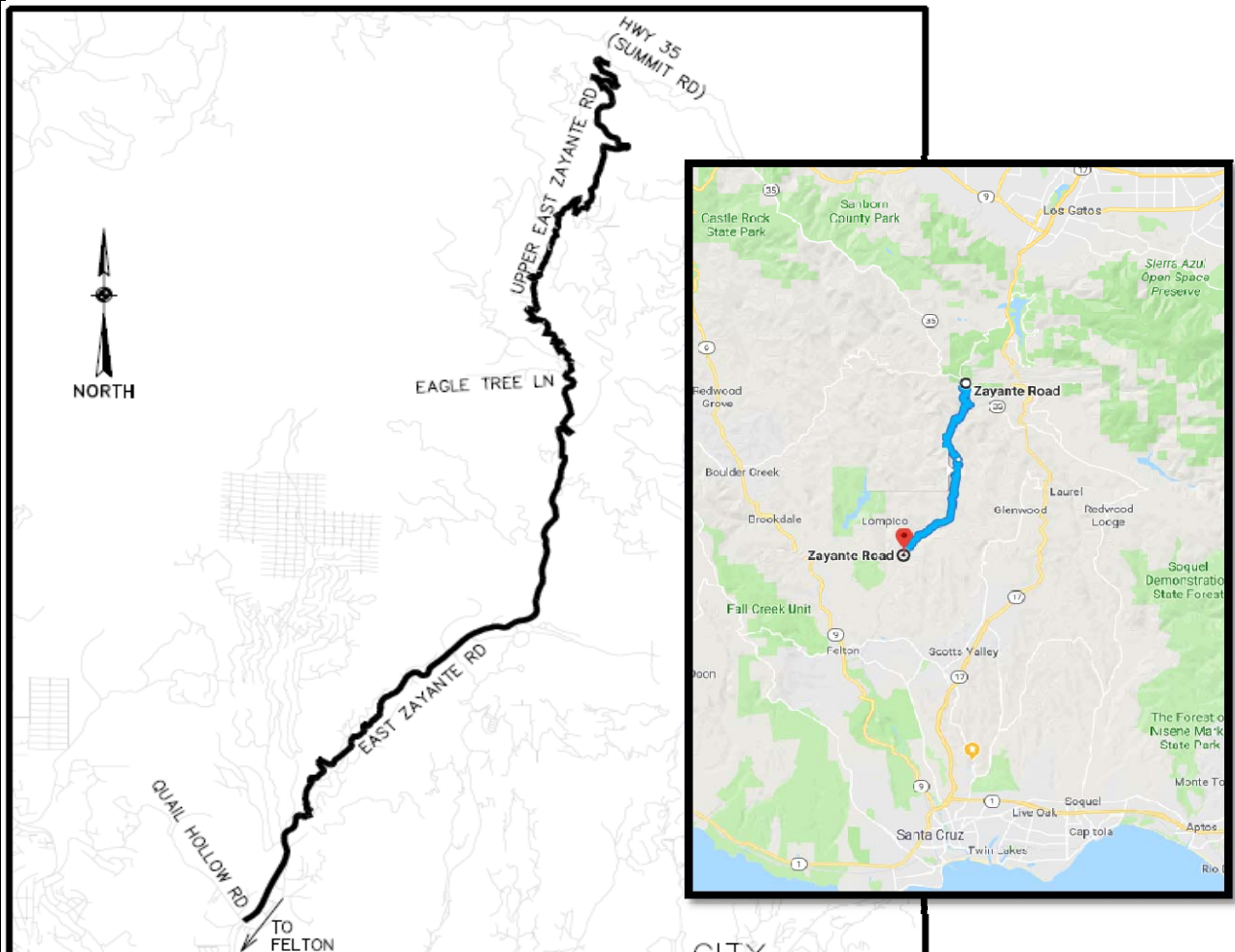
DTP-0001 (Revised July 2017)

Date: 12/15/17

Additional Information

This project involves pavement maintenance of approximately 9.07 miles of the Zayante Road Corridor including 5.33 miles of East Zayante Road from Quail Hollow Road to Eagle Tree Lane, and 3.74 miles of Upper East Zayante Road from Eagle Tree Lane to State Highway 35. The construction method used shall be isolated sections of digout and asphalt replacement where rutting has occurred, followed by an application of Chip Seal to the entire roadway surface, then restriping of the work area. Work shall extend from existing roadway edge to existing roadway edge.

East Zayante and Upper East Zayante Roads are located in the northwestern area of Santa Cruz County and this route connects the town of Felton to State Highway 35 (Summit Road) which then connects to Highway 17, this route serves motor vehicles and public transit. This section provides access to residents, emergency response vehicles, Quail Hollow Park, San Lorenzo Valley School District, Zayante Fire Department, and Loch Lomond Reservoir, and is a vital thoroughfare connecting Felton to Highway 17 and can be used as a backup route when primary routes are blocked. This project will extend the life of this road network so that it may continue to benefit the community.



ZAYANTE RD CORRIDOR			
EAST ZAYANTE RD (QUAIL HOLLOW RD TO EAGLE TREE LN), UPPER EAST ZAYANTE RD (EAGLE TREE LN TO HWY 35)			
2017 STIP GRANT VICINITY MAP	DESIGN: CRC	DATE: 10/13/17	SHEET
	DRAFTING: CRC	SCALE: 1"=4000'	
	CHECKED:	JOB NO: -	

Section 16. Board Resolution – Approving the 2018 RTIP

RESOLUTION NO. 09-18

Adopted by the Santa Cruz County Regional Transportation Commission
on the date of December 7, 2017
on the motion of Commissioner Leopold
duly seconded by Commissioner Schiffrin

A RESOLUTION ADOPTING THE 2018 REGIONAL TRANSPORTATION IMPROVEMENT PROGRAM FOR SANTA CRUZ COUNTY TO PROGRAM REGIONAL SHARES OF STATE TRANSPORTATION IMPROVEMENT PROGRAM (STIP), SURFACE TRANSPORTATION BLOCK GRANT PROGRAM (STBG), AND SENATE BILL 1 FUNDS AND AMEND PROJECT LISTINGS FOR PREVIOUSLY PROGRAMMED PROJECTS

WHEREAS, the Santa Cruz County Regional Transportation Commission (RTC) is responsible for selecting projects to receive the region's formula shares of state and federal funds, including:

- Approximately \$17.5 million State Transportation Improvement Program target through FY2022/23;
- Approximately \$600,000 through FY18/19 from the Senate Bill 1- Local Partnership Program (LPP);
- Senate Bill 1 supplemental State Transit Assistance (STA) population-formula (99313) funds for FY17/18: Approximately \$608,000;
- Senate Bill 1 State Transit Assistance-State of Good Repair (STA-SGR) program population-formula (99313) funds for FY17/18: \$367,000; and
- Approximately \$3.5 million from the federal Surface Transportation Block Grant Program (STBG) through FY18/19;

WHEREAS, the RTC must prepare and adopt a *Regional Transportation Improvement Program (RTIP)* for submittal to the California Transportation Commission in order for projects to be considered for the *2018 State Transportation Improvement Program (STIP)*;

WHEREAS, the RTC prepared the *2018 Regional Transportation Improvement Program* consistent with the *Santa Cruz County Regional Transportation Plan (RTP)*, state law (including SB 45), California Transportation Commission and Caltrans guidelines, and in consultation and cooperation with local project sponsors and the California Department of Transportation (Caltrans) District 5;

WHEREAS, the RTC evaluated the benefits of projects proposed for regional shares of state and federal funding based on evaluation criteria approved by the RTC, in consultation with the RTC's advisory committees, and in consideration of public comments;

WHEREAS, the Commission is responsible for assuring that the regional shares of funds are programmed and expended according to CTC and Caltrans guidelines;

THEREFORE, BE IT RESOLVED BY THE SANTA CRUZ COUNTY REGIONAL TRANSPORTATION COMMISSION:

1. The *2018 Regional Transportation Improvement Program for Santa Cruz County* is hereby adopted to:


- a. Program Santa Cruz County's regional target of 2018 State Transportation Improvement Program funds, Surface Transportation Block Grant Program (STBG), and Local Partnership Program (LPP) funds to projects, as shown in Exhibit A (Attachment 2); and
 - b. Amend project listings for previously programmed projects to reflect the most current project funding and schedule information, as shown in Exhibit B (Attachment 3).
2. RTC staff is hereby authorized to work with projects sponsors to submit project lists for formula shares of funds to Caltrans and the California Transportation Commission (CTC), execute any required documents, as appropriate.
 3. The California Transportation Commission is hereby requested to incorporate projects and amendments into the *2018 State Transportation Improvement Program (STIP)* and the Association of Monterey Bay Area Governments is hereby requested to incorporate these actions into the *Metropolitan Transportation Improvement Program (MTIP)*, as appropriate.
 4. STIP funding availability is contingent upon approval and allocation by the California Transportation Commission (CTC).
 5. Project sponsors are required to comply with all conditions and requirements set forth by the State of California and applicable statutes, regulations and guidelines and shall obtain RTC concurrence in allocation, extension, amendment or other requests for proposed STIP and LPP funds prior to submittal of such requests to Caltrans or the CTC.
 6. Concurrences will be handled administratively by RTC staff unless substantive project issues require that concurrence be authorized by RTC action.
 7. As projects are designed, projects with bicycle, pedestrian, and/or transit components shall undergo review by the RTC's Bicycle Committee and/or Elderly and Disabled Transportation Advisory Committee (E&D TAC) and project sponsors shall incorporate complete streets components where feasible and/or appropriate.

AYES: COMMISSIONERS Bertrand, Brown, Friend, Hagen, Johnson, Leopold, McPherson, Rios, Schiffrin

NOES: COMMISSIONERS Bottorff, Caput, Lind

ABSTAIN: COMMISSIONERS

ABSENT: COMMISSIONERS



Zach Friend, Chair

ATTEST:



George Dondero, Secretary

Exhibit A/Attachment 2: Project List
Exhibit B/Attachment 3: Amendments

Distribution: AMBAG, CTC, Caltrans, Project Sponsors, RTIP file
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