



Santa Cruz County Regional Transportation Commission's
Interagency Technical Advisory Committee (ITAC)

AGENDA
Thursday, January 21, 2021
1:30 p.m.

TELECONFERENCE AND VIDEO CONFERENCE MEETING ONLY

Zoom meeting link:
<https://us02web.zoom.us/j/87467167434>
Meeting ID: 874 6716 7434
Passcode: 304539
Alternately participants may dial-in: 1-669-900-9128
or iphone one-tap: +16699009128,,87467167434#

In compliance with guidance for gatherings issued by State and local health authorities and pursuant to the [Governor's Executive Order N-29-20](#) regarding public meetings, the Committee will convene a teleconference and video conference meeting only.

1. Call to Order
2. Introductions
3. Oral communications

The Committee will receive oral communications during this time on items not on today's agenda. Oral communications must be within the jurisdiction of the Committee and may be limited in time at the discretion of the Chair. Committee members will not take action or respond immediately to any oral communications, but may choose to follow up at a later time, either individually, or on a subsequent Committee agenda.

4. Additions, deletions, or other changes to consent and regular agendas

CONSENT AGENDA

All items appearing on the consent agenda are considered to be minor or non-controversial and will be acted upon in one motion if no member of the Committee or public wishes an item be removed and discussed on the regular agenda. Members of the Committee may raise questions, seek clarification or add directions to Consent Agenda items without removing the item from the Consent Agenda as long as no other committee member objects to the change.

5. Approve Minutes of the December 17, 2020 ITAC meeting

REGULAR AGENDA

6. Status of transportation projects, programs, studies and planning documents
 - a. Verbal updates from ITAC members
 - b. University of California at Santa Cruz (UCSC) Draft Long Range Development Plan (LRDP) Notice of Availability – Comments due March 8, 2021
7. Financially Constrained Project List for 2045 Transportation Plans
 - a. Staff Report
 - b. Draft Financial Element
 - c. Preliminary Draft Constrained Project List
 - d. Goals, Policies and Targets
8. Caltrans Planning and Local Assistance Updates
 - a. Announcements
 - b. Project Updates
9. Next Meeting – The next ITAC meeting is scheduled for 1:30pm on February 18, 2021. ITAC meetings are anticipated to be held by videoconference (Zoom). ITAC meetings will be canceled if there are no action items to be brought before the committee.

Adjourn

HOW TO REACH US: Santa Cruz County Regional Transportation Commission
1523 Pacific Avenue, Santa Cruz, CA 95060; phone: (831) 460-3200 / fax (831) 460-3215
email: info@sccrtc.org / website: www.sccrtc.org

AGENDAS ONLINE: To receive email notification when the Committee meeting agenda packets are posted on our website, please call (831) 460-3200 or email rmoriconi@sccrtc.org to subscribe.

TELECONFERENCE MEETINGS: This meeting is being held by teleconference in accordance with guidance for gatherings issued by the California Department of Public Health and local health authorities. There is no option to attend this meeting in-person. The Governor's Emergency Declarations related to COVID-19 and [Governor's Executive Order N-29-20](#) allow local board and committee members and the public to participate and conduct meetings by teleconference and/or videoconference, in order to protect public health. Santa Cruz County Health Services Agency COVID resources are online at: www.santacruzhealth.org/coronavirus

The RTC is committed to facilitating coordination among agencies and encourages members and interested parties to join the online meeting by clicking the meeting link provided above. If you are unable to participate by web or phone or if you need additional assistance to participate, please contact 831-460-3200 at least 3 days in advance of the meeting.

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Remote Meeting Public Comments: Due to current circumstances, there may be limited opportunities to provide verbal comments during the meeting. Persons who wish to provide comments during oral communications or on an item on the agenda are encouraged to submit comments in writing to rmoriconi@sccrtc.org by 12:00 noon the day before the meeting. Members of the public participating by Zoom are instructed to be on mute during the proceedings and to speak only when public comment is allowed, after requesting and receiving recognition from the Chair.

ACCOMMODATIONS FOR PEOPLE WITH DISABILITIES: The Santa Cruz County Regional Transportation Commission does not discriminate on the basis of disability and no person shall, by reason of a disability, be denied the benefits of its services, programs, or activities. This meeting location is an accessible facility. If you wish to attend this meeting and require special assistance in order to participate, please contact RTC staff at 460-3200 (CRS 800/735-2929) at least three working days in advance of this meeting to make arrangements. People with disabilities may request a copy of the agenda in an alternative format. As a courtesy to those persons affected, please attend the meeting smoke and scent-free.

SERVICIOS DE TRADUCCIÓN/ TRANSLATION SERVICES: Si gusta estar presente o participar en juntas de la Comisión Regional de Transporte del condado de Santa Cruz y necesita información o servicios de traducción al español por favor llame por lo menos con tres días laborables de anticipo al (831) 460-3200 para hacer los arreglos necesarios. (Spanish language translation is available on an as needed basis. Please make advance arrangements at least three days in advance by calling (831) 460-3200.)

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Santa Cruz County Regional Transportation Commission
Interagency Technical Advisory Committee (ITAC)

DRAFT MINUTES

Thursday, December 17, 2020, 1:30 p.m.
Teleconference

Due to precautions associated with COVID-19 (coronavirus), the meeting was held by teleconference, consistent with Governor Newsom's Executive Orders which allow legislative bodies to hold Brown Act meetings via teleconference.

ITAC Members Present

Capitola Public Works - Kailash Mozumder (Vice Chair)
Santa Cruz Public Work- Chris Schneider
Santa Cruz Planning - Claire Gallogly (Chair)
Scotts Valley Public Works – Athena Cheung
Watsonville Public Works - Murray Fontes
Watsonville Community Development - Justin Meek
County of Santa Cruz Public Works – Tim Bailey
County of Santa Cruz Planning – Anais Schenk
Association of Monterey Bay Area Governments (AMBAG) – Paul Hierling
Caltrans District 5 - Gus Alfaro
Ecology Action Transportation Demand Management Program - Piet Canin
Santa Cruz Metropolitan Transit District (METRO) - Wondimu Mengistu
Santa Cruz Metropolitan Transit District (METRO) - John Urgo
University of California at Santa Cruz (UCSC) – Teresa Buika

RTC Staff Present

Rachel Moriconi, Ginger Dykaar, Fernanda Pini, Amy Naranjo

Others Present

Audrey Ogden, Kelly McClendon, Jackson Ho, Caltrans District 5
Scott Sauer, Frances Dea-Sanchez, Juven Alvarez - Caltrans Headquarters
Ben Vernazza, Aptos resident
Jim Langley
Lowell Hurst, Watsonville City Council
Mark Dettle, Santa Cruz Public Works
Pete Rasmussen, METRO

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- 1. Call to Order:** Chair Gallogly called the meeting to order at 1:30 p.m.
 - 2. Introductions:** Roll call introductions were made. All attendees participated by teleconference.

3. Additions, deletions, or changes to consent and regular agendas:

The presentation for Item 7: Interregional Transportation Strategic Plan (ITSP) was provided on the meeting website.

CONSENT AGENDA

The Committee approved a motion (Fontes/Buika) approving the consent agenda (12-0), with all members present voting "yes" by roll call vote.

4. Approved Minutes of the October 22, 2020 ITAC meeting

Ben Vernazza, Aptos resident, expanded on his October 22, 2020 comments, expressing concerns about Segment 12 of the rail trail and bridges over Highway 1 and the cost of the combined auxiliary lanes, bus on shoulder, and Segment 12 project. *Mr. Vernazza left the meeting following his comments.*

5. Received California Transportation Commission's Interim Timely Use of Funds Policy

6. Received Announcement: Community Members Sought to Serve on RTC Advisory Committees

REGULAR AGENDA

7. Caltrans Interregional Transportation Strategic Plan (ITSP)

Frances Dea-Sanchez, Caltrans Office of Multimodal System Planning, made a presentation on the Interregional Transportation Strategic Plan (ITSP), which is currently being updated. A key purpose of the plan is to provide guidance for prioritizing projects that improve interregional movement for people and goods on the State's transportation systems (highways and rail). Ms. Dea-Sanchez highlighted highways that are part of the Interregional Road System (IRRS), Strategic Interregional Corridors and Priority Intercity Rail Facilities identified in past plans. She noted that the ITSP is being updated to be consistent with state goals and plans, including the 2050 California Transportation Plan (CTP) and forthcoming Climate Action Plan for Transportation Infrastructure (CAPTI), as well as to consider equity, COVID-19 impacts, multimodal integration and connectivity, broadband infrastructure, and zero emission vehicle needs. The plan is also used to prioritize projects for Interregional Transportation Improvement Program (ITIP) and other funding programs.

ITAC members discussed routes and projects that support interregional travel, including Highways 1, 17, 129, 152, and 9; safety programs; Monterey Bay Sanctuary Scenic Trail Network (MBSST); complete streets on state highways that also serve as Main Streets; intercity passenger rail and Highway 17 Express Bus service; freight rail in Monterey and Santa Cruz counties; carpool and vanpool programs; 511 traveler information services; emergency evacuation routes and safety, especially from San Lorenzo Valley (SLV); zero emission vehicle infrastructure and programs; and planning for climate resiliency on Highway 17 and other roads. Members were invited to submit any additional comments to: frances.dea-sanchez@dot.ca.gov or ITSP@dot.ca.gov.

Justin Meek left the meeting at 2:00 p.m.

8. Highway 1/Mission Street Capital Maintenance Project

Jackson Ho, Caltrans Project Manager, provided an overview of the planned capital maintenance project on Highway 1/Mission St. He noted this is a preventative maintenance project aimed at extending the pavement life ten years. The project will also replace loop detectors at intersections, upgrade curb ramps to current standards, and includes guardrail upgrades. Caltrans is working with the City of Santa Cruz and stakeholders to identify additional bicycle and pedestrian components that might be possible to integrate into the project.

Committee members appreciated Caltrans work to integrate complete streets and public input into projects, but expressed concern that there is limited funding for bicycle and pedestrian facilities. Caltrans staff indicated that while they are working to integrate complete streets elements, the State Highway Operation and Protection Program (SHOPP) does not currently have complete street targets, as it does for collisions and maintenance. Caltrans staff stated they are open to funding partnerships. Santa Cruz staff noted that they have shared information on several possible multimodal improvements and stated that flashers at pedestrian crossings need to be replaced sooner than the current project construction schedule. Members also suggested Caltrans review the recent presentation from Elderly and Disabled Transportation Advisory Committee members on safe pedestrian intersection design, which identified several locations on Mission Street; look at utilities, signs, poles, hydrants and other barriers in sidewalks; avoid UCSC's June graduation and September/October move-in dates when developing the construction schedule; encourage bikes to use the Rail Trail, rather than Mission St; maintain concrete bus pads in roadway at bus stops.

Lowell Hurst emphasized the importance of complete streets where the state highway is also a main street, with an emphasis on bike and pedestrian safety; and asked that Caltrans also consider trees and other beautification on these main streets.

Gus Alfaro asked that committee members send any additional comments to him, and copy Claire Gallogly and Rachel Moriconi.

Piet Canin left the meeting at 2:40 p.m.

9. Transit Corridor Alternatives Analysis (TCAA) and Rail Network Integration Study – Performance Measure Analysis and Proposed Locally Preferred Alternative

Ginger Dykaar made a presentation on the Transit Corridor Alternatives Analysis (TCAA) and Rail Network Integration Study of high-capacity public transit for the Santa Cruz Branch Rail Line. She highlighted the results of the performance measure analysis of Bus Rapid Transit (BRT), commuter rail transit, light rail transit, and an autonomous road “train”. She reported that the proposed Locally Preferred Alternative (LPA) is Electric Passenger Rail. Among electric passenger rail options, a decision on electric commuter rail (CRT) or electric light rail (LRT) would be based on preliminary engineering, environmental analysis phase, and rail technology advances.

The ITAC approved a motion (Schneider/Fontes) 11-0, with 2 abstentions, in support of the proposed Locally-Preferred Alternative [Electric Passenger Rail], with Gallogly (Santa Cruz Planning), Schneider (SC Public Works), Cheung (Scotts Valley Public Works), Fontes (Watsonville Public Works and Planning proxy), Schenk (County Planning), Bailey (County Public Works), Hierling (AMBAG), Alfaro (Caltrans), Uργο and Mengistu (METRO) voting yes. Mozumder (Capitola) and Buika (UCSC) abstained.

Chair Gallogly had to leave the meeting at 3:00 p.m. and Murray Fontes assumed the role of Chair for the remainder of the meeting due to Vice Chair Mozumder’s microphone issues.

10. 2021 Legislative Program

Rachel Moriconi provided an overview of, and solicited input on, the RTC’s proposed state and federal legislative priorities for 2021.

Committee members expressed support for the draft legislative program, indicated it was a comprehensive list, expressed support for changing rules

regarding speed limits, and suggested possibly adding items related to housing and parking, modifying how high quality transit is defined, and funding for converting college fleets to zero emission vehicles. Several committee members stated they would review and provide any additional input on the draft Legislative Program by December 23, 2020.

11. Status of ongoing transportation projects, programs, studies and planning documents

ITAC members provided updates on Measure D-funded projects, RTC-funded projects, and other major projects and planning efforts.

UCSC - Teresa Buika reported that the ATP- and RSTPX-funded meadow bike path is open.

AMBAG – Paul Hierling reported that AMBAG is working with RTC on the Metropolitan Transportation Plan/Sustainable Communities Strategy (MTP/SCS) financial element and Environmental Impact Report (EIR).

METRO – Wondimu Mengistu reported that METRO is closing out three federal projects.

County - Tim Bailey reported on Valencia Road storm damage, Jamison Creek fire damage, Aptos Village-Aptos Creek/Soquel Drive signal, RRFB/crosswalks, Mount Hermon Road and Measure D pavement construction projects. Anais Schenk reported on the County's Active Transportation Plan, expedited permits for fire recovery, and Caltrans planning grant application for SB743 regional mitigation bank.

Santa Cruz – Chris Schneiter reported that the Highway 1/9 project is scheduled to go out to bid in January. He also reported on the Rail Trail Segment 7 ribbon cutting, pedestrian crossing RRFB installations, and restriping at the Ocean St/Water St intersection.

RTC – Fernanda Pini provided an update on the Regional Conservation Investment Strategy (RCIS) and encouraged agencies to provide input on the draft report and results of the mitigation needs assessment. Rachel Moriconi reminded agencies that FY19/20 Measure D expenditure reports and audits are due 12/31 and reported that sales tax revenues have been higher than prior estimates, largely due to online sales tax revenues. She also reported that the California Transportation Commission (CTC) approved \$107.2 million in SB1 grants for the Watsonville-Santa Cruz Multimodal Corridor Program – which includes auxiliary lanes and bus-on-shoulder facilities on Highway 1 between Soquel Avenue/Drive and State

Park Drive, new bike/pedestrian bridges at Mar Vista & Chanticleer and multimodal improvements along Soquel Avenue and Soquel Drive. Juven Alvarez, commented that Caltrans Headquarters sees the Watsonville-Santa Cruz Multimodal Corridor Program as a transformational project that is representative of California's multimodal goals.

Caltrans – Gus Alfaro highlighted some of the updates included in the packet and reminded agencies that Caltrans Planning Grant applications are due February 12, 2021, with a workshop planned for January 8, 2021. He asked agencies to inform him if they plan to apply. He reported that FHWA is seeking input on the MUTCD by March 15, 2021 and reported that Caltrans held an online public meeting on the Highway 9 pedestrian safety project in Felton.

Watsonville – Murray Fontes reported that signal projects at Airport Blvd/Holm Road and West Beach/Ohlone and Segment 18 of the Rail Trail are under construction. Watsonville is also working on its Downtown Specific Plan.

Capitola – Kailash Mozumder reported that the city is working on a Caltrans encroachment permit for the 41st Avenue adaptive signal project. The Capitola Avenue streetscape project near Capitola Village is out to bid.

12. Oral Communications: None.

13. Next meeting. The next meeting of the ITAC is scheduled for 1:30 p.m. on January 21, 2021. ITAC meetings will be canceled if there are no action items to be brought before the committee.

Adjournment: The meeting adjourned at 3:28 p.m.

Minutes prepared by: Rachel Moriconi, RTC Planner

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AGENDA: January 21, 2021

TO: Interagency Technical Advisory Committee (ITAC)

FROM: Amy Naranjo, Transportation Planner
Rachel Moriconi, Senior Transportation Planner

RE: Financially Constrained Project List for 2045 Transportation Plans

RECOMMENDATIONS

Staff recommends the Interagency Technical Advisory Committee review and provide input on the draft constrained project list (Action Element) and draft funding forecasts (Financial Element) (Attachments 1 and 2) for inclusion in the 2045 Santa Cruz County Regional Transportation Plan (RTP) and Metropolitan Transportation Plan (MTP), and for evaluation in the program-level Environmental Impact Report (EIR).

BACKGROUND

As the transportation planning agency for Santa Cruz County, the Regional Transportation Commission (RTC) is responsible for developing, implementing, and regularly updating the Regional Transportation Plan (RTP) for Santa Cruz County. The RTC also works with the Association of Monterey Bay Area Governments (AMBAG) to produce and implement the Metropolitan Transportation Plan (MTP) - Sustainable Communities Strategy (SCS) for the Monterey Bay region (Santa Cruz, Monterey and San Benito counties). The RTP is the state-mandated long range, 20+ year transportation plan and the MTP-SCS is the federally-mandated long range transportation plan. The Sustainable Communities Strategy (SCS) is required by Senate Bill 375 to show how per capita vehicle miles traveled and associated greenhouse gas emissions will be reduced. Projects are required to be included in an RTP and/or MTP-SCS to receive certain transportation funds. The last updates of the RTP and MTP-SCS were completed in 2018. The 2045 plans are minor updates and are scheduled to be approved in June 2022.

The RTP and MTP-SCS include goals, targets and policies that are used to prioritize projects for funding (Policy Element); identify the area's transportation needs (Action Element); and estimate the amount of state, federal, and local funds that is reasonably expected to be available (Financial Element).

The Policy Element (Attachment 3) for the 2045 RTP was approved by the RTC in February 2020 after review and input by the RTC advisory committees.

DISCUSSION

Financial Element

Based on information provided by local agencies, recent revenue forecasts and state and federal transportation funding trends, the Association of Monterey Bay Area Governments (AMBAG) and RTC staff have prepared the draft financial estimates for the 2045 RTP and MTP-SCS. The financial estimates shows how much local, state and federal funding will be reasonably available for the transportation projects. A summary of the \$5 billion in funding anticipated to be available for transportation projects in Santa Cruz County from 2020-2045 is attached ([Attachment 1](#)). Over 90% of the funds are restricted for use by specific agencies or for certain types of projects. This includes approximately \$1.5 billion in Federal Transit Administration and local funds restricted to public transit; \$1 billion (mostly State Highway Operation and Protection Program (SHOPP)) restricted to highway projects; and \$1.4 billion in local sales and gas taxes, developer fees, and general funds that cities and the County decide how to use. The funding estimates include only \$375 million in flexible, discretionary state and federal grant fund sources. The RTC has discretion over about \$7 million per year (from a combination of State Transportation Improvement Program (STIP), Regional Surface Transportation Program Exchange (RSTPX), and Local Partnership Program (LPP) formula funds).

Action Element – Constrained Project List

The Action Element component of the RTP includes a list of transportation needs through 2045. The Action Element includes projects and programs needed to operate, maintain and improve the transportation system in Santa Cruz County. For example:

- Highway, local road, bicycle, pedestrian, transit, goods movement, transportation demand management and transportation system management projects and programs;
- Operations and maintenance of existing transportation facilities – such as bridges, pavement, sidewalks and public buses;
- Projects local agencies identified through their own planning processes;
- Projects identified by members of the RTC advisory committees, public and public interest groups;
- Projects resulting from a Complete Street Needs Assessment.

The RTC considered the draft list of transportation needs for Santa Cruz County in September 2020. The complete cost of transportation needs in Santa Cruz County is currently estimated to be approximately \$9 billion over the 25-year timeframe of the 2045 RTP. The financial revenues for transportation in Santa Cruz County for the 25-year timeframe have been estimated to be approximately \$5 billion from local, state and federal sources, including Measure D funds. Given the gap between the cost to operate, maintain, and improve the transportation system in Santa Cruz County 2020 through 2045 (\$9 billion) and projected revenues (\$5 billion over that

same timeframe), the project list for the RTP must be divided into a “constrained” list (projects or portions of projects that could be implemented with foreseeable revenues through 2045) and “unconstrained” list (projects that could be funded if new revenues, above and beyond projections, are generated).

The project list undergoes various levels of review and analysis. These reviews include:

1. Evaluation of how well projects will advance the goals of the 2045 RTP, which were approved by the RTC in February 2020;
2. Analysis to ensure that the project list addresses “complete streets” needs for Sustainable Communities Strategy (SCS);
3. Analysis of land use and transportation scenarios to see how well they achieve the Sustainable Communities Strategy/Greenhouse Gas Reduction Targets;
4. Financial constraint analysis, considering funding constraints, project schedules, and annual revenue projections.

Ultimately, the constrained project list should reflect the priority projects that will most help the region advance the RTP goals and performance measures. RTC staff, in working with project sponsors, has developed recommendations for which projects should be included in the financially constrained project list (Attachment 2). Additional input will be sought from the public, RTC Advisory Committees, and the RTC. While not currently included, the project list and financial forecasts may also be updated to reflect the RTC’s action on the TCAA. The mix of transportation projects proposed for the final constrained list strives to advance many of the targets through the 2045 timeframe with emphasis on maintenance and improving options for alternative means of transportation.

Staff recommends that the Interagency Technical Advisory Committee review and provide input on the draft financial forecasts (Attachment 1) and the “constrained” project list (Attachment 2) that identifies projects that could be funded with projected revenues (2020-2045) for inclusion in the 2045 Santa Cruz County Regional Transportation Plan, the 2045 Metropolitan Transportation Plan - Sustainable Communities Strategy and corresponding Environmental Impact Report (EIR).

Staff recommends that agencies review the project list and Inform staff of any final edits by January 30, 2021.

- **Provide escalated cost estimates or authorize RTC staff to escalate costs 1-3% per year for those that were not updated since the last RTP.** Many projects are carried over from lists developed in 2016 or earlier and have cost estimates that are at least 4-5 years old.
- **Review ongoing annual maintenance and operation costs;**
- **Consider planned local developments;**
- **Identify any additional projects that may be planned through 2045.**

NEXT STEPS

- February 2021 – Bicycle Committee and Elderly and Disabled Transportation Advisory Committee (E&D TAC) review of draft constrained project list
- March 2021 – RTC approve draft constrained project list
- March 2021 - AMBAG board approval of the constrained project list, which will determine the transportation projects that will undergo program-level environmental review for the RTP and MTP-SCS.
- December 2021 - The draft RTP, MTP and EIR released for public review.
- June 2022 - Final RTP scheduled to be approved by the RTC and MTP-SCS approved by AMBAG.

SUMMARY

RTC staff has prepared funding projects and a preliminary draft constrained project list for the 2045 Santa Cruz County Regional Transportation Plan. The project list will also be included in the tri-county AMBAG region 2045 Metropolitan Transportation Plan – Sustainable Communities Strategy and undergo program-level environmental review. Staff recommends that the ITAC provide input on the financial element and constrained project list for the 2045 plans.

Attachments:

1. Draft Financial Element
2. Preliminary Draft Constrained Project List for the 2045 Regional Transportation Plan (RTP) and 2045 Metropolitan Transportation Plan – Sustainable Communities Strategy
3. Goals, Policies and Targets for the 2045 Santa Cruz County Regional Transportation Plan

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RTP/MTP Financial Element: Santa Cruz County

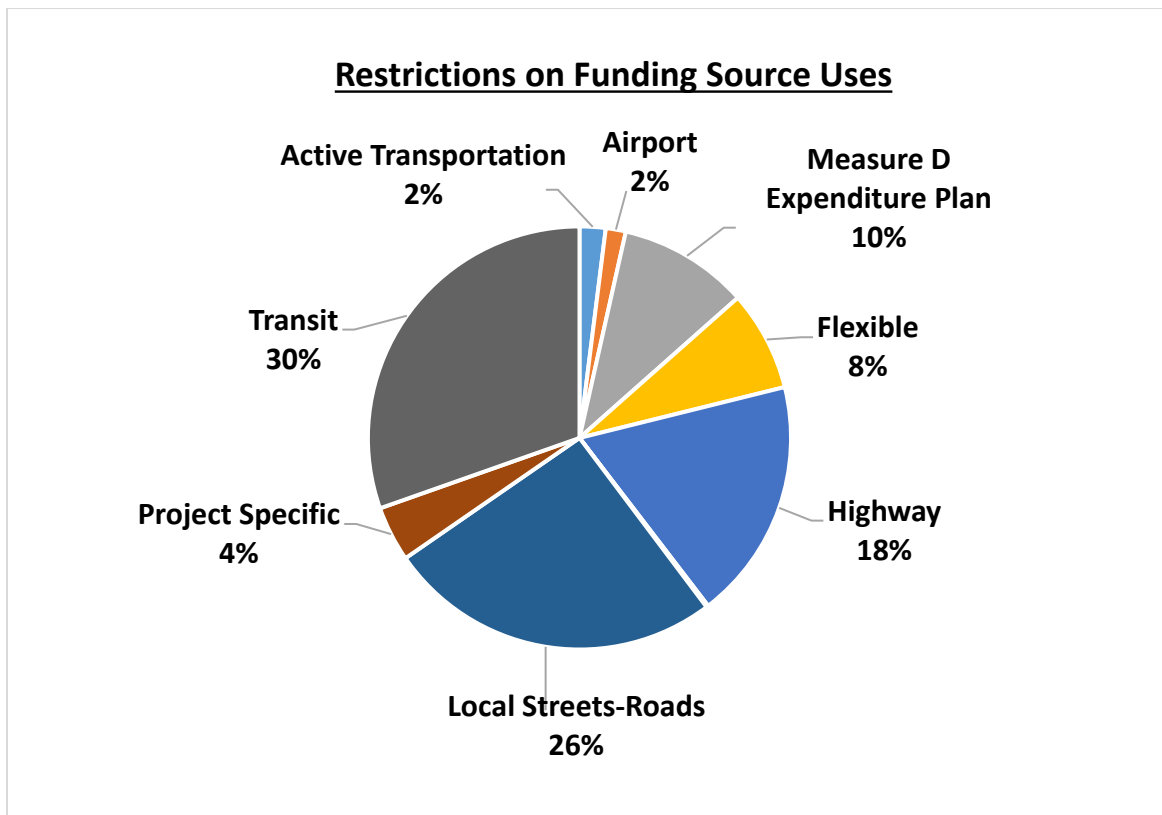
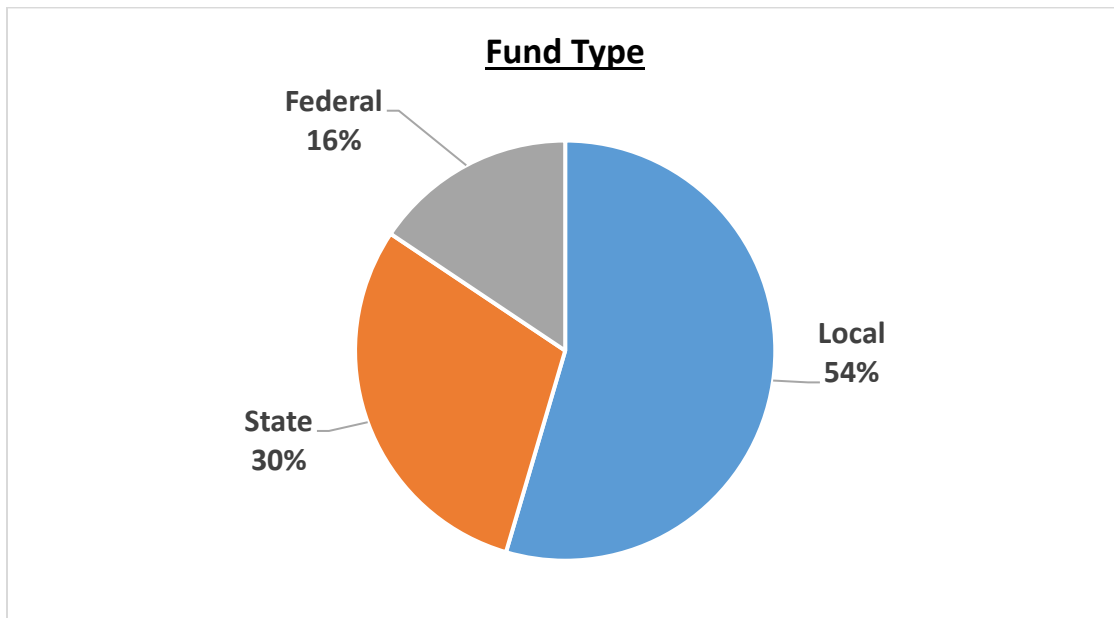
Index no.	REVENUE SOURCES (all figures in 1000's)	Funding Uses	Base Year 2020/21	25 Year Not Escalated
1.01SC	City Sales Taxes Used on Transportation	Local Streets-Roads	\$1,950	\$48,750
1.02SC	City/County Developer Fees	Local Streets-Roads	\$1,400	\$35,000
1.03SC	City/County General Funds for Transportation Projects	Local Streets-Roads	\$12,350	\$308,750
1.04SC	Non-Profit, Member Fees, Sponsorships, Private Donations	Project Specific	\$575	\$14,375
1.05SC	Gas Tax (HUTA) or Gas Tax Replacement	Local Streets-Roads	\$10,350	\$258,750
1.06SC	RMRA Local Gas Tax	Local Streets-Roads	\$7,469	\$186,725
1.08SC	LiftLine Specialized Transportation - Non-TDA revenue	Transit	\$550	\$13,750
1.09SC	Airport Revenues	Airport	\$2,800	\$70,000
1.10SC	MTC Contribution to Hwy 17 Safety Project (Santa Cruz County)	Project Specific	\$50	\$1,250
1.12SC	Regional Developer Fees / Property Taxes	Flexible	\$0	\$0
1.13SC	Regional Vehicle Registration Fee (VRF)	Local Streets-Roads	\$2,000	\$38,000
1.14SC	Transit Fares	Transit	\$10,000	\$250,000
1.15SC	Transit non-fare revenue	Transit	\$660	\$16,500
1.16SC	Transit fuel tax credit	Transit	\$400	\$10,000
1.17SC	Transit Sales Tax	Transit	\$21,588	\$539,700
1.18SC	Local Transportation Fund (LTF)/Transportation Devt Act (TDA)	Transit	\$10,000	\$250,000
1.19SC	UCSC Revenues & Fees (Santa Cruz County)	Project Specific	\$7,600	\$190,000
1.20SC	Vanpool Lease	Project Specific	\$0	\$0
1.21SC	Transportation Sales Tax: Measure D	Expenditure Plan	\$20,000	\$500,000
2.01SC	AB2766	Flexible	\$429	\$10,725
3.01SC	Airport Improvement Program match	Airport	\$7	\$175
3.02SC	California Aid to Airports Program	Airport	\$10	\$250
3.03SC	Freeway Service Patrol	Highway	\$250	\$6,250
3.04SC	Service Authority for Freeways and Expressways (SAFE)	Highway	\$258	\$6,450
3.05SC	SHOPP	Highway	\$26,000	\$650,000
3.06SC	RMRA SHOPP	Highway	\$10,620	\$265,500
3.07SC	State Transit Assistance (STA)	Transit	\$4,494	\$112,350
3.08SC	SB1 Competitive Programs (TCEP, SCCP, SB1 LPP Competitive)	Flexible	\$7,280	\$182,000
3.09SC	Transit and Intercity Rail Capital Program (TIRCP)	Transit	\$400	\$10,000
3.10SC	STA SB 1 State of Good Repair (SOGP)	Transit	\$761	\$19,025
3.11SC	STIP - Interregional Share	Highway/Rail	\$300	\$7,500

RTP/MTP Financial Element: Santa Cruz County

Index no.	REVENUE SOURCES (all figures in 1000's)	Funding Uses	Base Year 2020/21	25 Year Not Escalated
3.12SC	STIP - Regional Share	Flexible	\$3,000	\$75,000
3.13SC	Active Transportation Program (ATP)	Active Transportation	\$4,000	\$100,000
3.14SC	Low Carbon Transit Operations Program (LCTOP)	Transit	\$969	\$24,225
3.15SC	SB1 Local Partnership Program (SB1 LPP) Formula	Flexible	\$592	\$14,800
3.16SC	Affordable Housing & Sustainable Communities (AHSC)	Transit	\$400	\$10,000
3.17SC	CPUC Access For All Program	Transit	\$60	\$1,500
3.20SC	Hybrid and Zero-Emission Truck and Bus Voucher Incentive Project (HVIP)	Transit	\$600	\$15,000
4.01SC	Enhanced Mobility of Seniors and Individuals with Disabilities (5310)	Transit	\$115	\$2,875
4.02SC	State Planning (5304) (Competitive)	Transit	\$25	\$625
4.03SC	Metropolitan Planning (5303)	Transit	\$4	\$100
4.04SC	Rural Area Formula Program (5311)	Transit	\$173	\$4,325
4.05SC	Urbanized Area Formula Program (5307)	Transit	\$4,582	\$114,550
4.06SC	Small Transit Intensive Cities (5307c)	Transit	\$2,000	\$50,000
4.07SC	State of Good Repair Grants (5337)	Transit	\$2,250	\$56,250
4.08SC	Bus and Bus Facilities Formula Program (5339)	Transit	\$568	\$14,200
4.09SC	Bus and Bus Facilities Discretionary Program (5339b)	Transit	\$500	\$12,500
4.12SC	CARES 5311	Transit	\$23	\$575
5.01SC	BUILD	Flexible	\$400	\$10,000
5.02SC	Highway Bridge Program (HBP)	Local Streets-Roads	\$5,106	\$127,650
5.03SC	Highway Safety Improvement Program (HSIP)	Local Streets-Roads	\$1,400	\$35,000
5.04SC	Surface Transp. Block Grant (STBG) /Regl Surface Transptn Pgm (RSTP)	Flexible	\$3,712	\$92,792
5.05SC	Federal Lands Access Program (FLAP)	Project Specific	\$7,000	\$7,000
5.06SC	FEMA/CALEMA/ER - Emergency Road Repair Funding	Local Streets-Roads	\$10,000	\$250,000
6.01SC	FAA Airport Improvement Program (AIP)	Airport	\$260	\$6,500
			\$208,290	\$5,027,242

2045 Regional Transportation Plan – Draft Financial Element

Estimated \$5 Billion available over 25 years



2045 Regional Transportation Plan (RTP) Project List

Preliminary Draft Constrained and Unconstrained Projects - Not Escalated

Projects listed by lead agency, in alphabetical order by project name. New projects added to the 2045 RTP have a check mark next to the project name.

Project IDs without the letter "P" in front of the number have been also included in the Regional Transportation Improvement Program.

"Constrained" represents amount of project cost that could be funded with revenues anticipated through 2045. While some projects have secured funding, this amount does not typically represent committed funds. "Unconstrained" represents amount of project cost that would need additional funding in order to be implemented.

			Costs in 2020 dollars.			% Project Cost By Active Mode		
Project Title	ID	Project Description/Scope	Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Unconstrained			
Bike Santa Cruz Co								
<input checked="" type="checkbox"/> Project PASEO - Open Streets, Earn-a-Bike, Pop Up Bike Lanes, Slow Streets	VAR 02	Slow Streets temporary barricades and signage on neighborhood streets aimed at increasing space for walking and biking, reducing speeds and cutthrough traffic. Open Streets community events temporarily open roadways to bicycle and pedestrian travel only, diverting automobiles to other roadways. Earn-a-bike program provides bikes, tools, safety supplies, as well as bike repair, cycling safety, and nutrition education middle school students. Pop-up bike lanes is a temp demo of a protected bicycle lane. (est. \$120k/yr)	\$3,000	\$50	\$2,950	65	20	15
<input type="checkbox"/> Santa Cruz County Open Streets	VAR-P40	Community events promoting alternatives to driving alone as part of a sustainable, healthy, and active life-style. Temporarily opens roadways to bicycle and pedestrian travel only, diverting automobiles to other roadways.(Average cost ~ \$25k/event)	\$2,500	\$250	\$2,250	50	50	0
Bike Santa Cruz Co Total Cost			\$5,500	\$300	\$5,200			

Caltrans

<input type="checkbox"/> Collision Reduction & Emergency Projects	CT-P46	Various SHOPP projects that address collision reduction, mandates (including stormwater mandates) and emergency projects. (Constrained=30% of total cost).	\$962,500	\$317,500	\$645,000	0	0	0
<input checked="" type="checkbox"/> Highway Restriping	CT-P57	Install both centerline and edge line rumble strips and restripe with thermoplastic stripe. (201.010) Caltrans EA#1M330 0519000115. Cost (\$1000) CON/RW: \$3,291/\$0	\$3,291	\$3,291	\$0	0	0	0

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Unconstrained			
<input checked="" type="checkbox"/> Hwy 1 Drainage Improvements	CT-P64	Rehabilitate drainage systems and lighting, install Transportation Management System (TMS) elements, pave areas behind the gore and construct Maintenance Vehicle Pullouts (MVPs) to reduce maintenance and enhance highway worker safety. (201.151) Caltrans EA#1K640 0518000239. Cost (\$1000) CON/RW: \$10,652/\$20 *SB1	\$10,672	\$10,672	\$0	0	0	0
<input checked="" type="checkbox"/> Hwy 1 Roadside Safety	CT-P65	Rehabilitate drainage systems, enhance highway worker safety, replace lighting and install Transportation Management System (TMS) elements. (201.151) Caltrans EA#1J960 0518000093. Cost (\$1000) CON/RW: \$14,389/\$174 *SB1	\$14,563	\$14,563	\$0	0	0	0
<input checked="" type="checkbox"/> Hwy 1 Safety Updates	CT-P55	Replace Culverts. Cost (\$1,000) CON/RW: \$8,205/\$262) Caltrans EA#1K0600518000115	\$8,467	\$8,467	\$0	0	0	0
<input type="checkbox"/> Hwy 1 Scotts Creek Restoration and Bridge Reconstruction	CT 34	Replacement of bridge, road fill removal, and associated infrastructure to re-establish marsh/estuarine system currently restricted by Highway 1, benefitting multiple threatened and endangered species and resulting in a more resilient ecosystem and transportation corridor. Anticipated to be funded in-part by environmental resource/water grants.	\$45,500	\$10,000	\$35,500	0	0	0
<input checked="" type="checkbox"/> Hwy 1 Soquel Creek Scour Protection	CT-P56	Place Rock Slope Protection (RSP) to protect bridge foundation. (201.119) Caltrans EA#1H4800516000079. Cost (\$1000) CON/RW: \$2,228/\$546	\$2,774	\$2,774	\$0	0	0	0
<input type="checkbox"/> Hwy 1/Harkins Slough Road Interchange: Bicycle/Pedestrian	WAT 01A	Construction of Pedestrian/Bicycle Bridge over Highway 1. Caltrans Project ID 05-1G490	\$15,800	\$15,800	\$0	50	50	0
<input checked="" type="checkbox"/> Hwy 129 Paving, Sign Panels, Lighting, TMS Improvement	CT-P63	Rehabilitate pavement and lighting, replace sign panels, and install Transportation Management System (TMS) elements. (201.121). Caltrans EA#1J830 0518000078. Cost (\$1000) CON/RW:\$7,296/\$641 *SB1.	\$7,937	\$7,937	\$0	0	0	0
<input checked="" type="checkbox"/> Hwy 152 Corralitos Creek ADA	CT-P61	Construct accessible pathway, concrete barrier, retaining wall, curb, gutter and sidewalk to meet Americans with Disabilities Act (ADA) standards. (201.361) Caltrans EA#1F620 0514000039. Cost (\$1000) CON/RW: \$3,205/\$355	\$3,560	\$3,560	\$0	0	100	0
<input type="checkbox"/> Hwy 17 Access Management - Laurel Rd/Sugarloaf Rd/Glenwood Cutoff Area Grade Separation Concept	CT-P52	New structure providing grade-separation to facilitate crossing and turnaround.	\$40,000	\$0	\$40,000	0	0	0
<input type="checkbox"/> Hwy 17 Access Management - Multimodal Improvements	CT-P50	Multimodal improvements including park and ride improvements, and facilities serving separated bike/ped crossing or express transit route.	\$20,000	\$5,000	\$15,000	0	0	0

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Uncon- strained			
<input type="checkbox"/> Hwy 17 Access Management - Old Santa Cruz Hwy Area Grade Separation Concept	CT-P53	New structure providing grade-separation to facilitate crossing and turnaround.	\$40,000	\$0	\$40,000	0	0	0
<input type="checkbox"/> Hwy 17 Access Management - Operational Improvements	CT-P49	Operational improvements to existing facilities including ramp modifications, accel/decel lanes, turning lanes, driveway consolidation, driveway channelization, etc.	\$50,000	\$10,000	\$40,000	0	0	0
<input type="checkbox"/> Hwy 17 Access Management - Vine Hill Area Grade Separation Concept	CT-P51	New structure providing grade-separation to facilitate crossing and turnaround.	\$40,000	\$0	\$40,000	0	0	0
<input checked="" type="checkbox"/> Hwy 17 Jarvis Slide Rock Fence	CT-P58	Construct rock fence / barrier at Jarvis Slide.(201.131) Caltrans EA#1K070 0518000117. Cost (\$1000) CON/RW: \$4,271/\$50	\$4,321	\$4,321	\$0	0	0	0
<input type="checkbox"/> Hwy 17 Wildlife Crossing	CT 33	Construct wildlife undercrossing north of Laurel Road (CT#1G260)	\$12,500	\$12,500	\$0	0	0	0
<input type="checkbox"/> Hwy 9 - Felton Pedestrian Safety Improvements	CT 09	Construct pedestrian path on Route 9 from the San Lorenzo Valley (SLV) High School to the intersection of Graham Hill Rd/Felton-Empire, plus signage and crosswalk improvements between Kirby St and Graham Hill Road.	\$15,800	\$15,800	\$0	0	100	0
<input checked="" type="checkbox"/> Hwy 9 PM 1.0 and 4.0 Viaduct	CT-P62	Construct sidehill viaducts, restore roadway and facilities, provide erosion control. (201.131). Caltrans EA#1K120 0518000125. Cost (\$1000) CON/RW: \$9,917/\$46	\$9,963	\$9,963	\$0	0	0	0
<input checked="" type="checkbox"/> Hwy 9 San Lorenzo River Bridge & Kings Creek Bridge Replacement	CT-P59	Replace bridges to maintain standards of safety and reliability. Caltrans EA#1H470 0516000078. Cost (\$1000) CON/RW:\$11,928/\$660	\$12,588	\$12,588	\$0	0	0	0
<input checked="" type="checkbox"/> Hwy 9 Upper Drainage and Erosion Control Improvements	CT-P60	Replace failed culverts systems and construct energy dissipaters. (201.335). Caltrans EA#1G950 0516000005 . Cost (\$1000) CON/RW: \$5,361/\$271	\$5,632	\$5,632	\$0	0	0	0
<input checked="" type="checkbox"/> Hwy 9 Viaduct Wall Extension	CT-P54	Construct side hill viaduct extension with cutoff retaining wall, restore roadway and facilities, and install permanent erosion control. (201.131) (Caltrans EA# 1K060 0518000115). Cost (\$1,000): CON/RW \$3,280/\$60	\$3,340	\$3,340	\$0	0	0	0
<input type="checkbox"/> Hwy 9/SLV Corridor Projects	CT-P09	May be implemented by Caltrans or County of SC, in partnership with others. Implementation of priorities identified in the Complete Streets Corridor Plan. Includes improvements to increase safety and discourage speeding, updated and expanded bicycle and pedestrian facilities including shoulder widening, auto turn lanes and other auto circulation improvements, and transit improvements in SLV. SLV Complete Streets PID development efforts underway. Capital Cost Est. TBD - preliminary estimate \$100-150 million. \$10M Measure D.	\$130,000	\$30,000	\$100,000	10	50	5

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045 Est Cost \$1,000's	Revenue Constrained	Unconstrained	Bike	Ped	Transit
<input type="checkbox"/> Minors	CT-P47	Various small SHOPP projects (less than \$1 million) that reduce/enhance maintenance efforts by providing minor operational, pavement rehab, drainage, intersection, electrical upgrades, landscape and barrier improvements. (Constrained=30% of total cost).	\$11,250	\$3,750	\$7,500	0	0	0
<input type="checkbox"/> State Highway Preservation (bridge, roadway, roadside)	CT-P45	Various SHOPP projects that address bridge preservation, roadway & roadside preservation and limited mobility improvements. (Constrained=30% of cost to maintain).	\$778,390	\$467,163	\$311,227	0	0	0
Caltrans Total Cost			\$2,248,848	\$974,621	\$1,274,227			

CHP - California Highway Patrol

<input type="checkbox"/> Hwy 129 Safety Program	CHP-P03	Additional CHP enforcement and public education campaign on Highway 129.	\$500	\$0	\$500	0	0	0
<input type="checkbox"/> Hwy 17 Safety Program (Safe on 17)	CHP 01	Continuation of Highway 17 Safety Program in Santa Cruz County. Includes public education and awareness, California Highway Patrol (CHP) enhancement, pilot cars, electronic speed signs.	\$7,500	\$3,750	\$3,750	0	0	0
<input type="checkbox"/> Traffic Management	CHP-P02	Patrol of state route system and unincorporated roadways aimed at minimizing traffic collisions and traffic delays; and provide assistance to motorists. COST EST TBD.	\$0	\$0	\$0	0	0	0
CHP - California Highway Patrol Total Cost			\$8,000	\$3,750	\$4,250			

City of Capitola

<input type="checkbox"/> 40th Ave (at Deanes Ln)Bike/Ped connection	CAP-P46	40th Avenue N/S bike/pedestrian connection at Deanes Lane.	\$10	\$10	\$0	50	50	0
<input type="checkbox"/> 40th Ave/Clares St Intersection Improvements	CAP-P38	Widen intersection and signalize.	\$1,550	\$500	\$1,050	0	0	0
<input type="checkbox"/> 41st Ave (Highway 1 South to City Limits) Crosswalks	CAP-P47	Evaluate and if found necessary, increase number of crosswalks on 41st to closer to every 300 ft.	\$100	\$100	\$0	0	100	0
<input type="checkbox"/> 41st Ave (Soquel to Brommer) Adaptive Signal Synchronization	CAP-P49	Update synchronization of signals on 41st.	\$350	\$350	\$0	0	0	0

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Unconstrained			
<input type="checkbox"/> 41st Ave/Capitola Road Intersection Improvements	CAP-P37	Widen intersection and reconfigure signal phasing.	\$520	\$320	\$200	0	0	0
<input type="checkbox"/> 46th/47th Ave (Clares to Cliff Dr) Bike Lanes/Traffic Calming	CAP-P40	46th/47th from Clares to Portola/Cliff - Add traffic calming and wayfinding signage to connect to Brommer and MBSST.	\$20	\$20	\$0	40	30	0
<input type="checkbox"/> 47th Avenue Traffic Calming and Greenway	CAP-P30	Traffic calming and traffic dispersion improvements along 47th Ave from Capitola Rd to Portola Drive and implementation of greenway, which gives priority to bicycles and pedestrians on low volume, low speed streets including, pedestrian facilities, way finding and pavement markings, bicycle treatments to connect to MBSST.	\$100	\$100	\$0	10	40	0
<input type="checkbox"/> Bay Avenue Traffic Calming and Bike/Ped Enhancements	CAP-P29	Traffic calming features along Bay Avenue from Highway 1 to Monterey Avenue, including left turn pocket, buffered pedestrian facilities and bicycle treatments (such as buffered and/or painted bike lanes, bike boxes, bike signals) to address speed inconsistency between bicyclists and vehicles.	\$410	\$0	\$410	10	40	0
<input type="checkbox"/> Bay Avenue/Capitola Avenue Intersection Modifications/Roundabout	CAP 16	Multimodal improvements to intersection. Roundabout.	\$1,500	\$500	\$1,000	5	5	0
<input type="checkbox"/> Bay Avenue/Hill Street Intersection	CAP-P07	Intersection improvements to improve traffic flow. Roundabout.	\$210	\$210	\$0	0	0	0
<input type="checkbox"/> Bay Avenue/Monterey Avenue Intersection Modification	CAP-P32	Multimodal improvements to the intersection. Include signalization or roundabout along with pedestrian, bicycle treatments (such as buffered and/or painted bike lanes, bike boxes, bike signals) and transit access.	\$310	\$310	\$0	10	30	20
<input type="checkbox"/> Brommer/Jade/Topaz St Bike Lanes/Traffic Calming (Western City Limit on Brommer to 47thAve)	CAP-P41	Add buffered bike lanes, traffic calming and wayfinding signage and bike/ped priority crossing at 41st Ave, connecting the two N/S neighborhood greenways.	\$20	\$20	\$0	40	30	0
<input type="checkbox"/> Capitola Intra-City Rail Trolley	CAP-P18	Construct & Operate Weekend Rail Trolley Service. Project includes installation of 3 stations.	\$14,460	\$0	\$14,460	0	0	100
<input type="checkbox"/> Capitola Jitney Transit Service	CAP-P15	Purchase and operate local transit service.	\$1,030	\$0	\$1,030	0	0	100
<input type="checkbox"/> Capitola Mall (Capitola Rd to Clares) Bike Path	CAP-P48	Separated bicycle facility through Capitola Mall parking lot to connect 38th Ave bike lanes and 40th Ave.	\$50	\$50	\$0	100	0	0
<input type="checkbox"/> Capitola Rd & 45th Avenue I/S Improvements	CAP-P53	Signalization or other LOS improvements	\$400	\$400	\$0	10	5	5

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Unconstrained			
<input checked="" type="checkbox"/> Capitola Street Pavement Management	CAP 19	Capitola Street Pavement Management	\$1,450	\$1,450	\$0	8	7	10
<input type="checkbox"/> Capitola Village Enhancements: Capitola Ave	CAP-P34	Multimodal enhancements along Capitola Avenue.	\$750	\$350	\$400	25	40	10
<input type="checkbox"/> Capitola Village Multimodal Enhancements - Phase 2/3	CAP-P04b	Multimodal enhancements in Capitola Village along Stockton Ave, Esplanade, San Jose Ave, & Monterey Av. Includes sidewalks, bike lanes, bike lockers, landscaping, improve transit facilities, parking, pavement rehab and drainage.	\$3,100	\$0	\$3,100	20	50	10
<input type="checkbox"/> Capitola-wide HOV priority	CAP-P50	Evaluate HOV priority at signals and HOV queue bypass.	\$40	\$40	\$0	0	0	0
<input type="checkbox"/> Citywide Bike Projects	CAP-P52	Bike projects based on needs identified through the Bicycle Plan. These projects are in addition to projects listed individually in the RTP.	\$1,030	\$400	\$630	100	0	0
<input type="checkbox"/> Citywide General Maintenance and Operations	CAP-P06	Ongoing maintenance, repair, and operation of road/street system within the City limits. (Const=\$1850K/yr; Unconst=\$150K/yr).	\$39,395	\$22,000	\$17,395	5	5	0
<input type="checkbox"/> Citywide Sidewalk Program	CAP-P51	Install sidewalks to fill gaps. Annual Cost \$50k/yr.	\$1,170	\$520	\$650	0	100	0
<input type="checkbox"/> Citywide Traffic Calming	CAP-P17	Install traffic calming/neighborhood livability improvements.	\$1,136	\$0	\$1,136	10	40	0
<input type="checkbox"/> Clares St Bike Lanes/Sharrows (Capitola Rd to 41st Ave)	CAP-P42	Evaluate and if found necessary, add bike lanes/sharrows to Clares.	\$100	\$100	\$0	100	0	0
<input type="checkbox"/> Clares St/41st Ave Bicycle Intersection Improvement	CAP-P43	Bike treatments (such as buffered and/or painted bike lanes, bike boxes, bike signals) at Clares across 41st.	\$200	\$100	\$100	100	0	0
<input type="checkbox"/> Clares Street Pedestrian Crossing west of 40th Ave	CAP-P16	Construct signalized ped x-ing 0.20 miles west of 40th Ave.	\$520	\$250	\$270	0	100	0
<input type="checkbox"/> Clares Street Traffic Calming: Phase I & II	CAP 11	Implementation of traffic calming measures: chicanes, center island median, new bus stop, and road edge landscape treatments to slow traffic. Construct new safe, accessible ped x-ing at 42nd and 46th Av. Ph I=traffic calming & ped crossings; ph 2 = bike enhancements & pavement rehab.	\$1,600	\$1,350	\$250	20	15	5
<input type="checkbox"/> Cliff Drive Improvements	CAP-P05	Installation of sidewalks, pedestrian crossing and slope stabilization of embankment including seawall.	\$1,550	\$0	\$1,550	0	10	0
<input type="checkbox"/> Gross/41st Ave Bicycle Intersection Improvement	CAP-P44	Bike treatments (such as buffered and/or painted bike lanes, bike boxes, bike signals) from Gross E/B to 41st N/B.	\$200	\$100	\$100	0	100	0

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Uncon- strained			
<input type="checkbox"/> Monterey Avenue and Park Avenue I/S Improvements	CAP-P56	Signalization or other LOS improvements	\$500	\$0	\$500	10	5	10
<input type="checkbox"/> Monterey Avenue at Depot Hill	CAP-P28	Improve vehicle ingress and egress to Depot Hill along Escalona Ave and improve pedestrian facilities.	\$260	\$260	\$0	0	50	0
<input type="checkbox"/> Monterey Avenue Multimodal Improvements	CAP-P12	Installation of sidewalks and bike lanes in area near school and parks.	\$360	\$360	\$0	40	60	0
<input type="checkbox"/> Park Avenue/Kennedy Drive Improvements	CAP-P09	Construct intersection improvements, especially for bikes/peds. May include traffic signal.	\$360	\$360	\$0	0	0	0
<input type="checkbox"/> Porter Street and Highway 1 I/S Improvements	CAP-P55	Add additional dedicated right turn lane on Porter St to northbound on ramp	\$250	\$250	\$0	10	10	0
<input type="checkbox"/> Stockton Ave Bridge Rehab	CAP-P07p	Replace bridge with wider facility that includes standard bike lanes and sidewalks.	\$3,000	\$1,500	\$1,500	10	15	0
<input type="checkbox"/> Stockton Avenue and Capitola Avenue I/S Improvements	CAP-P57	Signalization or other LOS improvements	\$500	\$500	\$0	25	25	10
<input type="checkbox"/> Upper Capitola Avenue Improvements	CAP-P03	Installation of bike lanes and sidewalks on Capitola Av. (Bay Av.-SR 1) and sidewalks on Hill St. from Bay Av. to Rosedale Av.	\$1,340	\$500	\$840	30	70	0
<input type="checkbox"/> Upper Pacific Cove Parking Lot Pedestrian Trail and Depot Park Metro Development	CAP 17	Construct pedestrian pathway along City owned Upper Pacific Cove Parking lot, adjacent to rail line (680'). Includes new signal for ped crossing at Monterey Avenue. Includes a new bus shelter located and landscaped setting along the rail corridor at Park Ave. Part of MBSST.	\$743	\$743	\$0	0	100	0
<input type="checkbox"/> Wharf Road and Stockton Avenue I/S Improvements	CAP-P54	Signalization or other LOS improvements	\$350	\$350	\$0	10	5	10
<input type="checkbox"/> Wheelchair Access Ramps	CAP-P27	Install wheelchair access/curb cut ramps on sidewalks citywide.	\$200	\$200	\$0	0	100	0
City of Capitola Total Cost			\$81,144	\$34,573	\$46,571			

City of Santa Cruz

<input type="checkbox"/> Almar Ave Sidewalks	SC-P126	Fill gaps in sidewalks and access ramps to improve pedestrian safety.	\$200	\$200	\$0	0	100	0
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Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Uncon- strained			
<input type="checkbox"/> Arroyo Seco Trail (Medar St to Grandview St)	SC-P107	Pave existing gravel trail and widen and pave connection to Grandview St.	\$500	\$0	\$500	50	50	0
<input type="checkbox"/> Bay Street Corridor Modifications	SC-P77	Intersection modifications on Bay St Corridor from Mission St to Escalona Dr, including widening at the Mission St northeast corner and widening on Bay. Improve bike lanes and add sidewalks to west side of Bay.	\$5,100	\$970	\$4,130	10	10	10
<input type="checkbox"/> Bay/California Traffic Signals	SC-P96	Install traffic signals for safety and capacity improvements.	\$520	\$0	\$520	10	10	10
<input type="checkbox"/> Bay/High Intersection Modification	SC-P109	Install a roundabout or modify the traffic signal to include protected left-turns and new turn lanes. Revise sidewalks, access ramps and bike lanes as appropriate.	\$2,150	\$2,150	\$0	5	5	0
<input type="checkbox"/> Beach/Cliff Intersection Signalization	SC-P93	Signalize intersection for pedestrian and train safety.	\$210	\$210	\$0	20	0	0
<input type="checkbox"/> Branciforte Creek Pedestrian Path Connections	SC-P95	Fill gaps in pedestrian and bike paths along and across Branciforte Creek in the Ocean-Lee-Market-May Streets area.	\$3,410	\$0	\$3,410	50	50	0
<input type="checkbox"/> Brookwood Drive Bike and Pedestrian Path	SC-P21	Provide 2-way bicycle and pedestrian travel.	\$1,030	\$0	\$1,030	50	50	0
<input type="checkbox"/> Chestnut St. Pathway	SC-P22	Install a Class 1 bicycle/pedestrian facility to connect the east side of Neary Lagoon Park with the Depot Park path.	\$570	\$570	\$0	50	50	0
<input type="checkbox"/> Chestnut Street Bike Lanes	SC-P47	Install Class 2 bike lanes to provide connection from existing bike lanes on Laurel Street and upper Chestnut Street to proposed Class 1 bike path connections to Bay Street and Pacific Avenue/Beach Street.	\$100	\$100	\$0	100	0	0
<input type="checkbox"/> Citywide Operations and Maintenance	SC-P07	Ongoing maintenance, repair, and operation of street system within the City limits. (Const=\$3.0M/yr; Unconst=\$4.2M/yr)	\$185,943	\$98,010	\$87,933	20	20	20
<input type="checkbox"/> Citywide Safe Routes to School Projects - ATP	SC-P125	Projects to improve pedestrian and bicycle safety near schools.	\$8,204	\$1,404	\$6,800	50	50	0
<input type="checkbox"/> Citywide Street Sweeping	SC-P128	Ongoing street sweeping, funded from City Refuse Enterprise Fund.	\$22,500	\$22,500	\$0	0	0	0
<input type="checkbox"/> Delaware Avenue Complete Streets	SC-P23	Fill gaps in bicycle lanes, sidewalks and sidewalk access ramps.	\$150	\$150	\$0	100	0	0
<input checked="" type="checkbox"/> Downtown Intersection Improvements	SC-P129	Modify Front/Soquel, Front/Laurel and Pacific/Front Intersections stemming from additional residential and commercial development in the Downtown.	\$300	\$300	\$0	10	10	10

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Uncon- strained			
<input type="checkbox"/> High St/Moore St Intersection Modification	SC-P90	Add a protected left turn to existing signalized intersection along High St at city arterial. Project is located in high pedestrian and bicycle use activity area.	\$100	\$100	\$0	10	10	10
<input type="checkbox"/> Hwy 1 - Harvey West Area Alternative Access	SC-P108	Development of an on/off ramp from NB Highway 1 to Harvey West Boulevard/Evergreen St, to improve access, especially during peak congestion times and emergencies.	\$4,130	\$0	\$4,130	0	0	0
<input type="checkbox"/> Hwy 1 Sound Wall	SC-P03	Install sound wall on Hwy 1: River to Chestnut.	\$520	\$0	\$520	0	0	0
<input type="checkbox"/> Hwy 1/9 Intersection Modifications	SC 25	Intersection modifications including new turn lanes, bike lanes, shoulders, lighting, sidewalks and access ramps. Includes adding second left-turn lane on Highway 1 southbound to Highway 9 northbound; second northbound through lane and shoulder on northbound Highway 9, from Highway 1 to Fern Street; a right-turn lane and shoulder on northbound Highway 9; through-left turn lane on northbound River St; replace channelizers on Highway 9 at the intersection of Coral Street; sufficient lane width along the northbound through/left turn lane on Highway 9 from Fern Street to Encinal Street; new sidewalk along the east side of Highway 9 from Fern Street north to Encinal Street; new through/left turn lane on southbound Highway 9; Traffic Signal interconnect to adjacent signals. (Caltrans project ID - 05-46580)	\$7,900	\$7,900	\$0	5	5	10
<input type="checkbox"/> Hwy 1/Mission St at Chestnut/King/Union Intersection Modification	SC-P81	Modify design of existing intersections to add lanes and upgrade the traffic signal operations to add capacity, reduce delay and improve safety. Provide access ramps and bike lanes on King and Mission. Includes traffic signal coordination.	\$4,650	\$4,650	\$0	10	10	10
<input type="checkbox"/> Hwy 1/San Lorenzo Bridge Replacement	SC 38	Replace the Highway 1 bridge over San Lorenzo River to increase capacity, improve safety and improve seismic stability, from Highway 17 to the Junction of 1/9. Reduce flooding potential and improve fish passage. Caltrans Project ID 05-0P460	\$20,000	\$20,000	\$0	0	0	5
<input type="checkbox"/> Hwy 1/Shaffer Rd Signalization	SC-P92	Signalization of intersection of Hwy 1 and Shaffer Rd. Project may includes some widening of Hwy 1 to accommodate a left turn lane.	\$520	\$0	\$520	5	5	0
<input type="checkbox"/> King Street Bike Facility (entire length)	SC-P59	Install Class 2 bike lanes on residential collector street which includes some parking and landscape strip removals, and some drainage inlet modifications.	\$2,070	\$2,070	\$0	100	0	0
<input type="checkbox"/> Laurent/High Intersection Improvements	SC-P97	Install Traffic Signal.	\$410	\$0	\$410	10	10	10

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Uncon- strained			
<input type="checkbox"/> Lump Sum Bike Projects	SC-P75	Bike projects based on needs identified through the Active Transportation Plan and Santa Cruz City Schools Complete Streets Master Plan. These are in addition to projects listed individually in the RTP.	\$6,800	\$0	\$6,800	100	0	0
<input type="checkbox"/> Market Street Sidewalks and Bike Lanes	SC-P105	Completion of sidewalks and bicycle lanes. Includes retaining walls, right-of-way, tree removals, and a bridge modification.	\$1,030	\$1,030	\$0	50	50	0
<input type="checkbox"/> MBSST (Coastal Rail Trail): Segment 7-Phase 2 (Bay/California St to Pacific Ave/wharf)	TRL 07bSC	Bicycle/pedestrian multiuse path adjacent to railroad tracks between Bay/California streets and Pacific Ave/Beach St. MBSST Segment 7-phase 2	\$11,000	\$11,000	\$0	50	50	0
<input type="checkbox"/> MBSST (Coastal Rail Trail): Segment 8 and 9	TRL 8-9a	Rail Trail Design, Environmental Clearance and Construction along the rail corridor between Pacific Ave in the City of Santa Cruz to 17th Ave in Santa Cruz County	\$34,500	\$34,500	\$0	50	50	0
<input type="checkbox"/> Measure H Road Projects	SC-P104	Road rehabilitation and reconstruction projects citywide to address backlog of needs using Measure H sales tax revenues. (Some Measure H funds anticipated to fund specific projects listed in the RTP).	\$41,800	\$41,800	\$0	0	0	0
<input type="checkbox"/> Mission St (Hwy 1)/Laurel St Intersection Modification	SC-P112	Modify traffic signal to add right-turn from Mission St to Laurel St and signal overlap phase.	\$1,030	\$0	\$1,030	0	0	10
<input type="checkbox"/> Mission St (Hwy 1)/Swift St Intersection Modification	SC-P113	Modify traffic signal to add Swift St right-turn lane and signal overlap phase.	\$500	\$0	\$500	0	0	10
<input checked="" type="checkbox"/> Mission Street Improvement Plan	SC-P130	Evaluate and design Mission intersection improvements at Chestnut-King, Laurel, Bay and Swift based on the General Plan.	\$1,500	\$0	\$1,500	10	10	10
<input type="checkbox"/> Morrissey Blvd. Bike Path over Hwy 1	SC-P29	Install a Class 1 bicycle and pedestrian facility on freeway overpass.	\$300	\$300	\$0	50	50	0
<input type="checkbox"/> Morrissey/Poplar/Soquel Intersection Modification	SC-P12	Modify the roadway configuration in the Morrissey/Poplar/Soquel triangle area to improve traffic circulation and safety for all modes.	\$2,070	\$0	\$2,070	5	5	0
<input type="checkbox"/> Murray St Bridge Retrofit	SC 37	Seismic retrofit of existing Murray St. bridge (36C0108) over Woods Lagoon at harbor and associated approach roadway improvements and replacement of barrier rail. Includes wider bike lanes and sidewalk on ocean side. Include access paths to harbor if eligible.	\$11,440	\$11,440	\$0	5	15	5
<input type="checkbox"/> Murray St to Harbor Path Connection	SC-P30	Install a Class 1 bicycle/pedestrian facility to connect the Segment 9 Rail trail project, for the east and west side of the harbor.	\$1,000	\$210	\$790	50	50	0

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Unconstrained			
<input type="checkbox"/> Neighborhood Traffic Management Improvements	SC-P73	Install traffic control devices and roadway design features to manage neighborhood traffic.	\$2,580	\$0	\$2,580	0	0	0
<input type="checkbox"/> North Branciforte/Water Intersection Modification	SC-P115	Modify traffic signal and add additional lanes per traffic study. Include signal interconnect if applicable.	\$2,070	\$0	\$2,070	5	5	10
<input type="checkbox"/> Ocean St and San Lorenzo River Levee Bike/Ped Connections (Felker, Kennan, Blain, Barson Streets)	SC-P120	Improve pedestrian and bicycle facilities on side streets to connect Ocean Street with San Lorenzo River Levee path system.	\$620	\$0	\$620	50	50	0
<input type="checkbox"/> Ocean St Pavement Rehabilitation	SC 48	Pavement rehabilitation using cold-in-place recycling process; includes new curb ramps, restriping of bicycle lanes and crosswalks.	\$1,030	\$1,030	\$0	10	20	10
<input type="checkbox"/> Ocean St Streetscape and Intersection, Plymouth to Water	SC-P86	Implement this phase of the Ocean Street plan and modify Plymouth St to provide separate turn lanes and through lanes, widen sidewalks, pedestrian islands/bulbouts, transit improvements, street trees, street lighting and medians landscaping improvements. This includes pedestrian and bicycle crossing improvements and detection and connectivity to the pedestrian and bicycle path on the San Lorenzo River and adjacent neighborhoods. Include Gateway treatment.	\$4,130	\$2,000	\$2,130	10	10	10
<input type="checkbox"/> Ocean St Streetscape and Intersection, Water to Soquel	SC-P84	Implement this phase of the adopted Ocean Street plan including adding turn lanes on Ocean Street at the Water Street intersections, wider sidewalks, pedestrian crossing islands/bulb outs, transit improvements, street trees, pedestrian scale street lights, and medians improvements, way finding, and pedestrian and bicycle connectivity to San Lorenzo Park and neighborhoods.	\$6,200	\$0	\$6,200	10	10	10
<input type="checkbox"/> Ocean Street Corridor Multiuse Transit Lane	SC-P122	Consider restricting parking to develop business access and transit (BAT) lane to serve tourism and improving transit facilities.	\$410	\$0	\$410	0	0	100
<input type="checkbox"/> Ocean Street Widening from Soquel to East Cliff	SC-P66	Implement this phase of the Ocean Street plan that includes utility undergrounding, bike lanes, wider sidewalks, pedestrian crossing islands/bulb outs, transit improvements, pedestrian scale street lights, street trees and left turn lanes at Broadway and a right-turn lane at San Lorenzo Blvd. This includes pedestrian and bicycle crossing improvements and detection and connectivity to the pedestrian and bicycle path on the San Lorenzo River and adjacent neighborhoods.	\$5,170	\$0	\$5,170	10	10	10
<input type="checkbox"/> Ocean Street/San Lorenzo River Levee Area Wayfinding	SC-P124	Install signage on the bike/ped scale to bike/ped facilities connecting key destinations.	\$150	\$0	\$150	50	50	0

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			Est Cost \$1,000's	Revenue Constrained	Uncon- strained			
<input type="checkbox"/> Pacific Ave. Sidewalk	SC 50	Construct 200' of new sidewalk on Pacific Avenue between Front Street and 55 Front St, including installation of a new accessible crosswalk at Front and Pacific; 150' bike lane.	\$400	\$400	\$0	2	98	0
<input type="checkbox"/> River (Rte 9)/Fern Intersection Modification	SC-P110	Install traffic signal, sidewalk and new access ramps. Provide bike lanes on Fern.	\$520	\$0	\$520	10	10	10
<input type="checkbox"/> River St/River Street South Intersection Modification	SC-P116	Install a roundabout or traffic signal to improve access and safety to the Downtown core, integrating bike and pedestrian facilities.	\$520	\$0	\$520	10	10	10
<input type="checkbox"/> Riverside Ave/Second St Intersection Modification.	SC-P13	Modify intersection to reduce congestion and improve pedestrian crossing.	\$175	\$175	\$0	20	20	10
<input type="checkbox"/> San Lorenzo River Levee Path Connection	SC-P35	Install a Multi-Use bicycle/pedestrian facility connecting the end of the San Lorenzo River Levee path on the eastern side of the river, up East Cliff Drive near Buena Vista Ave.	\$2,070	\$2,070	\$0	50	50	0
<input checked="" type="checkbox"/> San Lorenzo River Walk Lighting	SC-P133	Install pedestrian scale lighting on the Riverwalk	\$952	\$0	\$952	50	0	50
<input type="checkbox"/> Seabright Avenue Bike Lanes (Pine-Soquel)	SC-P69	Install Class 2 bike lanes on arterial street to complete the Seabright Avenue bike lane corridor and connect to bike lane corridor on Soquel Avenue and Murray. Includes removal of some parking and some landscape strips.	\$2,070	\$2,070	\$0	100	0	0
<input type="checkbox"/> Seabright/Murray Traffic Signal Modifications	SC-P100	Remove split phasing on Seabright and add right-turn lane northbound.	\$1,030	\$1,030	\$0	10	10	10
<input type="checkbox"/> Seabright/Water Intersection Improvements	SC-P99	Modify unsignalized intersection to add northbound right and extend left-turn pocket.	\$100	\$0	\$100	0	0	0
<input type="checkbox"/> Shaffer Road Widening and Railroad Crossing	SC-P91	Construction of a new crossing of the Railroad line at Shaffer Rd. and widening at the southern leg of Shaffer in conjunction with development. Complete sidewalks and bike lanes.	\$1,000	\$1,000	\$0	10	10	0
<input type="checkbox"/> Sidewalk Program	SC-P09	Install and maintain sidewalks and access ramps.	\$20,660	\$5,500	\$15,160	0	100	0
<input type="checkbox"/> Soquel Ave at Frederick St Intersection Modifications	SC 42	Widen to improve eastbound through-lane transition on Soquel Ave and lengthen right-turn pocket and bicycle lane on Frederick St. Upgrade access ramps.	\$350	\$350	\$0	20	20	10

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<input type="checkbox"/> Soquel Ave Corridor Widening (Branciforte-Morrissey)	SC-P87	Minor widening and signal modifications along Soquel Ave corridor from Branciforte to Morrissey Blvd to widen sidewalks, transit improvements, improve pedestrian and bicycle detection and crossings, add a travel lane, maintain some commercial parking and improve existing bike lanes. Replacing the split phasing with protected left-turns at Branciforte to reduce delays for all modes of travel and GHG.	\$2,320	\$0	\$2,320	10	10	10
<input type="checkbox"/> Soquel/Branciforte/Water (San Lorenzo River to Branciforte) Bike Lane Treatments	SC-P123	Consider bike treatments (such as buffered and/or painted bike lanes, bike boxes, bike signals) to address speed inconsistency and parking conflicts between bicyclists and vehicles.	\$410	\$410	\$0	100	0	0
<input type="checkbox"/> Storey/King Street Intersection Left-Turn Lane	SC-P76	Remove parking and modify striping for second southbound left turn lane.	\$100	\$0	\$100	0	0	0
<input checked="" type="checkbox"/> Swanton Blvd. Multi-Use Trail Connector	SC-P132	Install a 10-12 foot wide multi-use trail along Swanton, Delaware and Natural bridges, completing a missing link.	\$1,900	\$0	\$1,900	50	0	50
<input type="checkbox"/> Swift/Delaware Intersection Roundabout or Traffic Signal	SC-P101	Install Traffic Signal or Roundabout at Intersection to improve capacity and safety.	\$500	\$500	\$0	10	10	10
<input type="checkbox"/> West Cliff Path Minor Widening (David Way Lighthouse to Swanton)	SC 23	Improve existing path.	\$520	\$520	\$0	50	50	0
<input type="checkbox"/> West Cliff/Bay Street Modifications	SC-P83	Install signal or roundabout to replace the all-way stop to improve safety and capacity.	\$500	\$500	\$0	10	10	10
City of Santa Cruz Total Cost			\$442,614	\$279,119	\$163,495			

City of Scotts Valley

<input checked="" type="checkbox"/> Bean Creek Rd at Bluebonnet Traffic Circle	SV-P55	Install traffic circle to slow traffic and improve visibility of crosswalk. Source ATP Plan	\$300	\$0	\$300	5	5	0
<input type="checkbox"/> Bean Creek Rd Sidewalks (SVMS to Blue Bonnet)	SV-P35	Fill gaps in sidewalks on Bean Creek Rd.	\$410	\$410	\$0	0	100	0
<input checked="" type="checkbox"/> Bean Creek Rd Traffic Calming and Sidewalk Upgrades	SV-P57	Install traffic calming measures and upgrade to standard sidewalk on east side of the street. Study options to install Class I facility on east side of the street. Source ATP Plan	\$650	\$0	\$650	25	25	0

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			Project Costs 2020 - 2045			Bike	Ped	Transit
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<input checked="" type="checkbox"/> Bean Creek Rd/Camp Evers Connection	SV-P65	Pave (asphalt or concrete) existing dirt paths on Bean Creek Rd. Source SRTS Plan	\$21	\$0	\$21	100	0	0
<input checked="" type="checkbox"/> Bean Creek Road at SV Middle School driveway crosswalk improvements	SV-P56	Realign crossing and rebuild ADA ramp on west side. Upgrade crosswalk to high visibility. Source SRTS Plan	\$53	\$0	\$53	5	5	0
<input type="checkbox"/> Bean Creek Road Realignment	SV-P16	Realign Bean Creek Road to intersect Scotts Valley Drive farther North to create a four way intersection.	\$2,840	\$0	\$2,840	0	0	0
<input checked="" type="checkbox"/> Blue Bonnet Lane and Kings Village Rd Sidewalk Infill	SV 30a	Fill gaps in sidewalks on Bluebonnet and Kings Village Rd. to improve access between middle school, library and park.	\$250	\$250	\$0	0	100	0
<input checked="" type="checkbox"/> Bluebonnet Lane at Montevalle Crosswalk Improvements	SV-P59	Install high-visibility raised crosswalk. Source ATP Plan	\$25	\$0	\$25	0	100	0
<input checked="" type="checkbox"/> Bluebonnet Lane Separated Bikeway	SV-P58	Install raised cycletrack or Class IV separated bikeway to narrow travel lanes and decrease pedestrian crossing distance. Source ATP Plan	\$290	\$0	\$290	75	25	0
<input checked="" type="checkbox"/> Carbonera Creek Multi-Use Path	SV-P60	Study options to install multi-use path connecting parks along Carbonera Creek. Source ATP Plan	\$300	\$0	\$300	50	50	0
<input type="checkbox"/> Citywide Access Ramps	SV-P06	Place handicap ramps at various locations. Avg annual cost: \$8K/yr.	\$210	\$210	\$0	0	100	0
<input checked="" type="checkbox"/> Citywide Bicycle Detection at Intersections	SV-P63	Install bicycle detection at intersections: either in-ground detection loops, video detection, or bicycle push-buttons. If in-ground detection loops are used, used bike symbol to show cyclists where to position themselves. Source ATP Plan	\$380	\$0	\$380	90	0	0
<input type="checkbox"/> Citywide Bike Lanes	SV-P41	Construction of additional bike lanes and paths citywide (including Green Hills).	\$3,100	\$0	\$3,100	100	0	0
<input checked="" type="checkbox"/> Citywide Crosswalk Improvements	SV-P64	Upgrade crosswalks near schools to high visibility. Source SRTS Plan	\$70	\$0	\$70		100	0
<input type="checkbox"/> Citywide General Maintenance and Operations	SV-P27	Ongoing maintenance, repairs, and operation of road/street system within the City limits. (\$400K/yr const; \$250/yr unconst).	\$16,800	\$15,300	\$1,500	5	5	5
<input checked="" type="checkbox"/> Citywide Pedestrian Signals	SV-P80	Install pedestrian countdown signal heads at all signalized intersections. Source ATP Plan	\$120	\$0	\$120	0	100	0
<input type="checkbox"/> Citywide Sidewalk Program	SV-P05	Install sidewalks to fill gaps. Annual Cost \$50k/yr	\$5,170	\$2,600	\$2,570	0	100	0

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			Project Costs 2020 - 2045			Bike	Ped	Transit
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<input type="checkbox"/> Civic Center Dr Bike Lanes	SV-P33	Add bike lanes to narrow road.	\$410	\$0	\$410	100	0	0
<input type="checkbox"/> El Pueblo Rd Ext North	SV-P14	Connect El Pueblo Road via Janis Way to Victor Square, crossing Carbonero Creek.	\$1,240	\$0	\$1,240	5	10	0
<input type="checkbox"/> El Pueblo Rd Extensions	SV-P15	Connect El Pueblo Road to Disc Drive.	\$410	\$0	\$410	5	10	0
<input checked="" type="checkbox"/> El Pueblo Rd Sidewalk Connections	SV-P66	Fill sidewalk gaps and install pedestrian-scale lighting. Source ATP Plan	\$950	\$0	\$950	0	100	0
<input type="checkbox"/> El Rancho Dr Bike Lanes	SV-P36	Add bike lanes on El Rancho within city limits.	\$340	\$0	\$340	100	0	0
<input type="checkbox"/> Emergency Access Granite Creek/Hwy 17	SV-P24	Connect Granite Creek Rd to SR 17 via Navarra Drive to Sucinto Drive, for emergency access.	\$570	\$0	\$570	5	5	0
<input type="checkbox"/> Emergency Access SV DR/Upper Willis Dr	SV-P25	Connect Scotts Valley Drive to Upper Willis Road for emergency access.	\$1,030	\$0	\$1,030	5	5	0
<input type="checkbox"/> Emergency Access Whispering Pines	SV-P26	Connect Whispering Pines Drive to Manana Woods for emergency access.	\$50	\$0	\$50	5	5	0
<input type="checkbox"/> Emergency Access-Bethany/Glenwood	SV-P23	Connect Bethany Drive to Glenwood Drive.	\$210	\$0	\$210	5	5	0
<input type="checkbox"/> Emergency Access-Sundridge/Pueblo	SV-P22	Connect Sunridge Drive to Disc Drive for emergency access.	\$410	\$0	\$410	5	5	0
<input checked="" type="checkbox"/> Erba Lane Sidewalk Connection	SV-P68	Install sidewalk between Scotts Valley Drive and fire station. Source ATP Plan	\$85	\$0	\$85	0	100	0
<input checked="" type="checkbox"/> Erba Lane/ MacDorsa Sidewalk Connection	SV-P67	Install pedestrian pathway/sidewalk between Erba Lane and MacDorsa Park. Source Parks Master Plan	\$200	\$0	\$200	0	100	0
<input type="checkbox"/> Erba Lane/Terrace View/SV Drive Realignment	SV-P10	Realign Terrace View to access Scotts Valley Drive via Erba Lane.	\$520	\$0	\$520	0	0	0
<input checked="" type="checkbox"/> Glen Canyon Rd at Hwy 17 Overpass Pedestrian Bridge	SV-P69	Study options to install pedestrian pathway under freeway bridge. Source ATP Plan	\$100	\$0	\$100	0	100	0
<input type="checkbox"/> Glen Canyon Rd Bike Lanes	SV-P29	Class 2 Bike lanes from Flora Lane to Green Hills. Oak Creek to Flora Ln are already complete.	\$1,030	\$0	\$1,030	100	0	0
<input checked="" type="checkbox"/> Glendwood Dr Bicycle Improvements	SV-P71	Add buffers and keep bike lanes at 5' by narrowing travel lanes to 11' and/or expanding right of way. Source SRTS Plan	\$103	\$0	\$103	100	0	0

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<input checked="" type="checkbox"/> Glenwood Dr/Meadow View Dr Intersection Improvements	SV-P70	Install curb extensions to shorten crossing distance. Upgrade crosswalks to high visibility and install LED flashing stop signs. Source SRTS Plan	\$117	\$0	\$117	0	100	0
<input checked="" type="checkbox"/> Granite Creek Rd Overpass Bike Improvements	SV-P73	Narrow travel lanes to widen shoulders or add bike lanes. At the intersection of Granite Creek Road and Scotts Valley Drive, install bike lanes in both directions, sharrows in the right turn lane, and a bicycle box to allow access to the left turn lane. At the intersection of Granite Creek Road at Santa's Village Road/Highway 17, install a through bike lane for cyclists traveling to Santa's Village Road and sharrows in the right turn lane. At both intersections, install dashed green lane treatments where bike lane crosses the right turn lane (short term). Source ATP Plan	\$50	\$0	\$50	0	100	0
<input checked="" type="checkbox"/> Granite Creek Rd Overpass Bike/Ped modificaitons	SV-P72	Study options to rebuild overpass to widen sidewalks and install Class IV separated bikeways. Install pedestrian-scale lighting (long term). Source ATP Plan	\$200	\$0	\$200	10	10	0
<input checked="" type="checkbox"/> Hacienda Way Intersection Modification and Improvements	SV-P74	Install curb extensions to reduce crossing distance. Reduce Hacienda Way to one lane at intersection. Look into undergrounding utility pole at northern corner of intersection. Source SRTS Plan	\$100	\$0	\$100	5	5	0
<input checked="" type="checkbox"/> Highway 17 On/Off Ramp Bike & Pedestrian Improvements	SV-P95	Install leading pedestrian interval and curb extension at NE corner of intersection. Upgrade all crosswalks to high visibility. Install green bike conflict markings through intersection. Install bicycle detection at Glenwood/Scotts Valley Drive intersection approaches. Source SRTS Plan. Short term	\$207	\$0	\$207	50	50	0
<input checked="" type="checkbox"/> Highway 17 On/Off Ramp Modernization & Redesign	SV-P94	Begin discussions with Caltrans about modernizing freeway on- and off-ramps. Study options to redesign intersection. Source ATP Plan. long term	\$100	\$0	\$100	0	0	0
<input type="checkbox"/> Hwy 17/Midtown Interchange	SV-P01	Construct new SR17 interchange midway between Mt. Hermon Rd and Granite Creek Rd. Will require right-of-way.	\$30,990	\$0	\$30,990	0	0	0
<input type="checkbox"/> Hwy 17/Mt. Hermon Rd Interchange Operations Improvement	SV-P44	Add lane to SB off-ramp at Hwy 17/Mt. Hermon Rd interchange.	\$1,030	\$0	\$1,030	0	0	0
<input checked="" type="checkbox"/> In-Street Pedestrian Crossing Improvements	SV-P62	Install in-street pedestrian crossing signs (R1-6) at uncontrolled crossings near schools, parks, and other areas with high pedestrian traffic. Source ATP Plan	\$5	\$0	\$5	0	100	0
<input checked="" type="checkbox"/> Kings Village Rd Bike/Ped Connection	SV-P75	Install bike/pedestrian connection between potential new development at 440 Kings Village Road and Town Center property. Source ATP Plan	\$95	\$0	\$95	50	50	0

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<input checked="" type="checkbox"/> Kings Village Rd Crosswalk Improvements	SV-P76	Upgrade all crosswalks to high visibility. Install curb extensions to shorten crosswalks where feasible. Source ATP Plan	\$370	\$0	\$370	0	100	0
<input type="checkbox"/> Kings Village Rd/Town Center Entrance Traffic Signal	SV-P52	Install new traffic signal at the intersection of Kings Village Rd and new Town Center entrance (near transit center) with protected pedestrian crossings and transit signal priority. New Signalization of the intersection on Kings Village Rd at the transit center exit and future Plan street connection would provide a location for protected pedestrian crossings, and would allow transit operators to easily exit the transit center and maintain operating schedules.	\$210	\$105	\$105	10	10	10
<input checked="" type="checkbox"/> La Madrona Dr Bike/ Ped Improvements	SV-P77	Install pedestrian improvements on La Madrona Drive between project site and Mount Hermon Road, when Gateway South project developed. Restripe bike lanes and continue northbound bike lane to intersection of Mount Hermon Road. Install dashed green lane treatments where bike lane crosses right turn lane. Source ATP Plan	\$200	\$0	\$200	50	50	0
<input checked="" type="checkbox"/> Lockwood Lane Multi-Use Path	SV-P78	Install Class I multi-use path between Mount Hermon Road and Whispering Pines Drive. Source ATP Plan (long term)	\$1,300	\$0	\$1,300	50	50	0
<input checked="" type="checkbox"/> Lockwood Lanes Sidewalk & Sharrows	SV-P79	Fill sidewalk gaps on south side of street. Install green backed sharrows. (short term)	\$90	\$0	\$90	15	85	0
<input type="checkbox"/> Lockhart Gulch Rd Bike Lanes	SV-P37	Add Class 2 bike lanes to narrow, primarily residential street.	\$720	\$0	\$720	100	0	0
<input checked="" type="checkbox"/> Lockhart Gulch Road Multi-Use Path	SV-P81	Study options to install multi-use path between Lockhart Gulch or Green Valley Road and Coast Range Road, including an unpaved pathway. Source ATP Plan	\$25	\$0	\$25	80	20	0
<input type="checkbox"/> Lockwood Ln Pedestrian Signal Near Golf Course	SV-P21	Construct a pedestrian signal at unprotected ped crossing on Lockwood Lane.	\$50	\$50	\$0	0	100	0
<input type="checkbox"/> Mt Hermon Rd and Scotts Valley Drive - Crosswalks	SV-P49	Increase number of crosswalks on Mt Hermon/Scotts Valley Dr, update crosswalks to block pattern, add pedestrian treatments where necessary at intersections to decrease distance across using refuge islands. Add crosswalks to all sides of intersections (particularly an issue on Scotts Valley Dr). Add HAWK signals to provide a low delay signalized crossing opportunity at select locations. Examples include the Safeway Driveway on Mt. Hermon Rd, at Victor Square/Scotts Valley Dr., and at Tramell Way/Scotts Valley Dr.	\$1,030	\$515	\$515	0	100	0
<input checked="" type="checkbox"/> Mt Hermon Rd Bike & Ped Improvements	SV-P82	Install bike and pedestrian improvements including filling sidewalk gaps, high-visibility crosswalks, green bike lane treatments, and curb radius reduction. Source ATP Plan	\$800	\$0	\$800	50	50	0

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<input checked="" type="checkbox"/> Mt Hermon Rd Buffered Bike Lanes	SV-P83	Explore installation of buffered bike lanes or Class IV separated bikeways by narrowing lane widths to 11', as recommended in Town Center Plan, or through plan lines study to gain additional ROW as properties redevelop. Source ATP Plan	\$190	\$0	\$190	100	0	0
<input type="checkbox"/> Mt Hermon Rd to El Rancho Drive Bike/Ped Connection	SV-P53	Study options to install a new bike/ped connection between Mt Hermon Road and El Rancho Drive which could include improved bike/ped facilities on existing interchange or new bike/ped crossing.	\$1,030	\$1,030	\$0	50	50	0
<input type="checkbox"/> Mt Hermon Road Sidewalk Connections	SV-P30A	Add sidewalks to fill gaps in business district.	\$520	\$520	\$0	0	100	0
<input type="checkbox"/> Mt Hermon, Lockwood, Springs Lake Widening	SV-P13	Widen, reconstruct and improve portions of roadway and intersection.	\$4,130	\$0	\$4,130	0	0	0
<input type="checkbox"/> Mt Hermon/King's Village Rd-Transit Signal priority	SV-P46	Transit signal priority at Kings Village Rd/Mt Hermon Rd.	\$80	\$80	\$0	0	0	100
<input type="checkbox"/> Mt Hermon/Scotts Valley - Transit Queue Jump	SV-P47	Evaluate and if found to be beneficial, remove right turn islands at Mt Hermon Rd/Scotts Valley Road to add transit queue jump lanes/signals.	\$620	\$620	\$0	0	0	100
<input type="checkbox"/> Mt. Hermon Rd Circulation Master Plan	SV-P09	Provides various circulation and access improvements to the Mount Herman corridor.	\$3,620	\$0	\$3,620	0	0	0
<input type="checkbox"/> Mt. Hermon Road/Town Center Entrance Traffic Signal	SV-P51	Install new traffic signal at the intersection of the future Town Center road that will accommodate increased pedestrian travel. Add a right-turn lane on the westbound approach. New signalization of the intersection at the future Town Center's primary access point on Mt. Hermon Road would provide protected pedestrian crossing, ADA accessible curb ramps and detectable surfaces on all intersection corners. Permitted left-turn phasing shall be used for the northbound and southbound approaches, while protected left-turn phasing shall be provided on the eastbound and westbound Mt. Hermon Road approaches.	\$260	\$130	\$130	10	10	10
<input checked="" type="checkbox"/> N. Navarra Dr Bike/Ped Access	SV-P84	Reconfigure gate to Sucinto Lane to allow for bike/pedestrian access. Source Parks Master Plan	\$50	\$0	\$50	50	50	0
<input type="checkbox"/> N. Navarra Dr-Sucinto Dr Bike Lanes	SV-P34	Add bike lanes to developing area behind commercial.	\$620	\$0	\$620	100	0	0
<input checked="" type="checkbox"/> Navarra Dr Sharrows & Wayfinding	SV-P85	Install green backed sharrows on N. Navarra Dr. Install bike wayfinding signage on S. Navarra Dr. to highlight Green Hills Road connection. Source ATP Plan	\$4	\$0	\$4	100	0	0

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<input type="checkbox"/> Neighborhood Traffic Calming	SV-P28	Citywide traffic calming devices.	\$770	\$770	\$0	0	0	0
<input checked="" type="checkbox"/> Quien Sabe Rd Sidewalk	SV-P86	Install sidewalk on one side of the street between Scotts Valley Drive and Oak Creek Boulevard. Source ATP Plan	\$100	\$0	\$100	0	100	0
<input checked="" type="checkbox"/> Sandraya Heights Rd Crossing Improvements	SV-P87	Install curb extension on northwest corner to shorten crossing. Install high-visibility crosswalk. Source SRTS Plan (long term)	\$53	\$0	\$53	0	100	0
<input checked="" type="checkbox"/> Santa's Village Rd Sidewalk Improvements	SV-P88	Widen sidewalk to Class I multi-use path to connect new housing developments with Granite Creek Road. Source ATP Plan	\$400	\$0	\$400	50	50	0
<input checked="" type="checkbox"/> Scotts Valley Dr at Victor Square Crosswalk/Sidewalk Improvements	SV-P91	Add new marked crosswalk at north leg of intersection or relocate crosswalk to north leg to reduce vehicle/pedestrian conflicts. Install pedestrian countdown signal heads. Install sidewalk on Victor Square between Scotts Valley Drive and shopping center entrance. Source ATP Plan	\$40	\$0	\$40	0	100	0
<input checked="" type="checkbox"/> Scotts Valley Dr Lane Modifications/Pedestrian Crossing Improvements	SV-P92	Reduce lane widths or reduce to one lane in each direction to reduce pedestrian crossing distance and provide wider sidewalk, landscape strip and/or buffered bike lanes or Class IV separated bikeway. Source ATP Plan and SRTS Plan	\$516	\$0	\$516	0	20	0
<input checked="" type="checkbox"/> Scotts Valley Drive at Bean Creek Road Crossing Improvements	SV-P89	Install high visibility crosswalks, curb extensions and median refuge islands. Install lead pedestrian interval. Study options to eliminate or modify southbound right-turn lane approaching Bean Creek Road to reduce crossing distance. Source SRTS Plan	\$150	\$0	\$150	0	100	0
<input checked="" type="checkbox"/> Scotts Valley Drive at Mount Hermon Road Lane Modifications	SV-P90	Study options to redesign or modify right-turn slip lanes to improve pedestrian visibility. Source ATP Plan	\$30	\$0	\$30	5	5	0
<input type="checkbox"/> Scotts Valley Town Center Bicycle/Pedestrian Facilities	SV-P45	Bicycle and pedestrian facilities and circulation elements within planned development.	\$4,130	\$4,130	\$0	25	25	0
<input checked="" type="checkbox"/> Siltanen Community Park Connector Paths	SV-P96	Improve paths to school campus. Source SRTS Plan. Cost TBD.	\$0	\$0	\$0	50	50	0
<input type="checkbox"/> Sky Park Commercial Area Circulation	SV-P11	Construct infrastructure improvement for Skypark commercial area.	\$2,070	\$0	\$2,070	0	0	0
<input checked="" type="checkbox"/> Skypark Bicycle Improvements	SV-P97	Widen path to allow for bike and pedestrian access, or install separate path for bicyclists to connect Skypark Drive and Kings Village Road. Source ATP Plan. Cost TBD.	\$0	\$0	\$0	50	50	0

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Uncon- strained			
<input type="checkbox"/> Synchronize Traffic Signals along Mt. Hermon Road	SV-P42	Re-time to coordinate traffic signals along Mt. Hermon Road.	\$100	\$100	\$0	0	0	0
<input checked="" type="checkbox"/> Upgrade Bicycle Sharrows	SV-P61	Upgrade all white sharrows in City limits to green backed sharrows. Source ATP Plan	\$12	\$0	\$12	100	0	0
<input checked="" type="checkbox"/> Vine Hill School Rd (Glenwood Dr-Tabor Dr) Bike Lane Widening	SV-P99	Narrow travel lanes to 11' to widen bike lanes to 6'. Remove signs that indicate bike lanes are dependent on time of day. Source SRTS Plan	\$44	\$0	\$44	100	0	0
<input checked="" type="checkbox"/> Vine Hill School Rd Sidewalk Improvements	SV-P98	Fill sidewalk gaps on north/ east side of street. Source ATP Plan	\$250	\$0	\$250	0	100	0
<input checked="" type="checkbox"/> Whispering Pines Dr (Mt Hermon-Lundy Ln) Seperated Bikeways	SV-P100	Upgrade bike lanes to buffered bike lane or Class IV separated bikeway. Source SRTS Plan	\$75	\$0	\$75	100	0	0
City of Scotts Valley Total Cost			\$96,200	\$26,820	\$69,380			

City of Watsonville

<input type="checkbox"/> 2nd/Maple Ave (Lincoln to Walker) Traffic Calming and Greenway	WAT-P49	Evaluate and if found necessary, add traffic calming/bicycle traffic priority with wayfinding signage to provide access to MBSST and create low stress grid around downtown.	\$25	\$25	\$0	10	40	0
<input type="checkbox"/> 5th St (Lincoln to Walker) - Traffic Calming and Greenway	WAT-P50	Evaluate and if found necessary, add traffic calming/bicycle traffic priority with wayfinding signage to provide access to MBSST and create low stress grid around downtown.	\$25	\$25	\$0	10	40	0
<input type="checkbox"/> Airport Blvd Modifications (Hanger Way to Ross Ave)	WAT-P34	Reconstruct or repave roadway and bike lanes; repair, replace and install curb, gutter, sidewalk and curb ramps; replace and upgrade signage and striping.	\$600	\$0	\$600	10	23	2
<input type="checkbox"/> Alley Improvements	WAT-P36	Repair & reconstruct some alleys.	\$60	\$60	\$0	0	0	0
<input type="checkbox"/> Bridge Maintenance	WAT-P35	Maintenance of bridges	\$115	\$115	\$0	0	0	0
<input type="checkbox"/> Buena Vista/Calabasas/Freedom Connection	WAT-P30	Construction of roadway connection from Buena Vista area to Freedom Blvd. Reconstruct Via Nicola.	\$5,950	\$0	\$5,950	5	10	0
<input type="checkbox"/> Citywide General Maintenance and Operations	WAT-P06	Ongoing maintenance, repair, and operation of road/street system, including bicycle and pedestrian facilities.(Total Need = \$2,600/year, constr=\$1500/yr)	\$74,270	\$47,050	\$27,220	10	25	2

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Uncon- strained			
<input type="checkbox"/> Citywide Pedestrian Facilities	WAT-P15	Construct sidewalks and curb ramps where necessary. This work is usually combined with the annual road rehabilitation and maintenance projects. Avg annual cost: \$100/yr.	\$2,380	\$0	\$2,380	0	100	0
<input type="checkbox"/> Citywide Transportation Projects	WAT-P24	Lump sum of transportation projects to be identified in the future. Including major rehabilitation and operational improvements (\$1.2M/yr).	\$32,400	\$0	\$32,400	15	15	5
<input checked="" type="checkbox"/> Complete Streets - Downtown	WAT-P75	Provide complete streets improvements including sidewalk, parking, bike lane, sharrows, curb bulb outs, high visibility crosswalks, striping, signage, street trees, pedestrian lighting, bus shelters, bike parking and benches	\$27,000	\$0	\$27,000	15	50	5
<input checked="" type="checkbox"/> Complete Streets - Watsonville Schools	WAT-P76	Provide complete streets improvements including sidewalk, bike lane, sharrows, curb bulb outs, high visibility crosswalks, striping, signage and pedestrian lighting.	\$20,600	\$0	\$20,600	25	50	0
<input type="checkbox"/> Crestview/Wagner Extension	WAT-P29	Construction of roadway connection from Atkinson Lane area to SR 152. Reconstruct/widen Wagner St.	\$4,750	\$0	\$4,750	5	10	0
<input type="checkbox"/> East Fifth St (Main St to Lincoln St)	WAT-P39	Repair, replace and install curb, gutter, sidewalk and curb ramps; replace and upgrade signage and striping.	\$300	\$0	\$300	40	60	0
<input type="checkbox"/> East Lake Ave-(Hwy 152) Widening (Martinelli St-Holohan Rd)	CT-P33	Widen East Lake Ave. (SR 152) from 2 to 4 lanes (Martinelli St-Holohan Rd).	\$1,030	\$0	\$1,030	0	0	0
<input type="checkbox"/> East Lake/Madison - ped crossing	WAT-P57	Evaluate and if feasible, add pedestrian crossing (HAWK signal if ped volume warrants) at E Lake & Madison for better access to Hall Middle School.	\$1	\$0	\$1	0	100	0
<input checked="" type="checkbox"/> Elm St. Improvements Project	WAT-P77	Road reconstruction and sidewalk improvements	\$350	\$350	\$0	5	20	0
<input checked="" type="checkbox"/> Freedom Blvd (Airport Blvd to Buena Vista Dr)	WAT-P85	Repair and resurface damaged roadway and bike lanes, replace damaged sidewalks, add pedestrian facilities where none exist.	\$3,000	\$0	\$3,000	20	20	0
<input type="checkbox"/> Freedom Blvd (Green Valley Rd to Airport Blvd)	WAT-P72	Repair and resurface damaged roadway and bike lanes, replace damaged sidewalks, add pedestrian facilities where none exist.	\$2,650	\$2,650	\$0	20	20	0
<input type="checkbox"/> Freedom Blvd Pedestrian Crossings (Airport to Lincoln)	WAT-P62	Evaluate and if feasible, install new and improve existing uncontrolled pedestrian crossings at Roach Road, Davis Avenue, Clifford Lane, Mariposa Avenue, Alta Vista Street, Crestview Drive, Martinelli Street and Marin Street).	\$600	\$600	\$0	0	100	0

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Uncon- strained			
<input type="checkbox"/> Freedom Blvd Reconstruction (Alta Vista to Green Valley)	WAT 45	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.	\$2,175	\$2,175	\$0	8	26	1
<input type="checkbox"/> Freedom Blvd/Green Valley Rd Neighborhood Bike/Ped Connections	WAT-P64	Evaluate and if feasible, implement greenway, which gives priority to bicycles and pedestrians on low volume, low speed streets including, pedestrian facilities, way finding and pavement markings, bicycle treatments to connect neighborhoods to goods and services on Freedom Blvd.	\$1,800	\$0	\$1,800	50	50	0
<input type="checkbox"/> Freedom Boulevard Plan Line	WAT 43	Preparation of a plan line for Freedom Boulevard between Green Valley Road and Buena Vista Drive that delineates multimodal modifications supported by the community.	\$160	\$160	\$0	0	0	0
<input checked="" type="checkbox"/> Green Valley Adaptive Signal Project	WAT-P78	Update signals to provide dynamic signal timing, optimizing traffic flow and decreasing vehicle emission.	\$243	\$243	\$0	0	0	0
<input type="checkbox"/> Green Valley Rd Improvement (Freedom Blvd to City Limit)	WAT-P45	Reconstruct existing roadway, install a median island to encourage safer turning movements, remove and replace existing driveways and curb ramps that do not comply with existing accessibility standards, restripe roadway to provide striping for bike lanes where none exist.	\$2,000	\$2,000	\$0	10	25	2
<input type="checkbox"/> Harkins Slough Rd (Hwy 1 to Green Valley Rd)	WAT-P69	Repair, reconstruct and/or upgrade pavement, bike lanes, sidewalks, transit facilities, signage and striping	\$1,150	\$0	\$1,150	5	20	5
<input checked="" type="checkbox"/> Harkins Slough Rd Pedestrian & Bicycle Bridge	WAT-P79	Install pedestrian & bicycle bridge, pedestrian path, sidewalk, striping and signage	\$12,000	\$90	\$11,910	50	50	0
<input type="checkbox"/> Hillside Ave to Freedom Blvd Ped/Bike Connection	WAT-P60	Evaluate and if feasible, install new bike/ped connection from Carey Avenue to Freedom Boulevard between Roache Road and Green Valley Road to connect neighborhood to goods, services and transit on Freedom Boulevard. Include new crossing from new bicycle/pedestrian facility to east side of Freedom Boulevard.	\$360	\$0	\$360	50	50	0
<input type="checkbox"/> Kearney/Rodriguez - Ped Crossing	WAT-P53	Evaluate and if found necessary, add pedestrian crossing at Kearney and Rodriguez with traffic calming for access to Radcliffe Elementary.	\$35	\$0	\$35	0	100	0
<input checked="" type="checkbox"/> Lake Avenue Underground Utilities	WAT-P80	Underground existing overhead utilities.	\$2,400	\$0	\$2,400	0	0	0
<input checked="" type="checkbox"/> Lee Rd Trail	WAT-P81	Prepare environmental documents and construction plans, secure permits	\$15,000	\$0	\$15,000	50	50	0

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Uncon- strained			
<input checked="" type="checkbox"/> Lincoln St Safety Improvements	WAT-P82	Pedestrian Crossing Enhancements that incorporate bulbouts, landscaping, lighting, decorative pedestrian scale fencing, enhanced crosswalks, improved sidewalks and pedestrian amenities, fencing, artistic enhancements by high school artists and classes in crossings and on lighting. Also includes bicycle racks, pavement sharrows, and signage.	\$526	\$0	\$526	0	100	0
<input type="checkbox"/> Lump Sum Bicycle Projects	WAT-P19	Update the City Bicycle Plan and construction of additional routes and paths (250k/yr).	\$5,950	\$0	\$5,950	100	0	0
<input type="checkbox"/> Main St - 3 HAWK Signals	WAT-P54	Evaluate and if found necessary, add Hawk signals in 3 locations on Main St.	\$890	\$890	\$0	0	100	0
<input type="checkbox"/> Main St (Freedom to Riverside) Ped/Bike Enhancements	WAT-P58	Evaluate and if feasible improve ped facilities and bike treatments (such as buffered and/or painted bike lanes, bike boxes, bike signals) and bike boxes and bicycle priority at intersections on Main Street intersections.	\$890	\$0	\$890	50	50	0
<input type="checkbox"/> Main St Modifications (500 Block: Fifth St to East Lake Ave)	WAT-P40	Repair, replace and install curb, gutter, and curb ramps; replace and upgrade signage and striping. Evaluate and if feasible, provide bike treatments (such as buffered and/or painted bike lanes, bike boxes, bike signals), and buffered sidewalk.	\$710	\$0	\$710	40	60	0
<input type="checkbox"/> Main St Modifications (City Limit to Lake Ave)	WAT-P47	Repave roadway and bike lanes; repair, replace and install curb, gutter, sidewalk and curb ramps; replace and upgrade signage and striping. Evaluate and if feasible, provide bike treatments (such as buffered and/or painted bike lanes, bike boxes, bike signals) and buffered sidewalks.	\$1,670	\$1,670	\$0	0	25	2
<input type="checkbox"/> Main St Modifications (East Lake Ave to Freedom Blvd)	WAT-P73	Provide complete streets improvements including but not limited to pedestrian crossings, bicycle facilities, bus stops, parking, sidewalks and traffic management	\$1,000	\$0	\$1,000	25	25	25
<input type="checkbox"/> Main St. (Hwy 152)/Freedom Blvd Roundabout	WAT 27a	Installation of a roundabout to replace the currently signalized intersection with safety considerations for bike/ped. Caltrans Project ID - 05-0T150.	\$1,500	\$0	\$1,500	0	15	0
<input type="checkbox"/> Main St/Beach St/Lake Ave Bike Facilities	CT-P38	Bicycle facilities - Main St (GV Rd to Mont Co line), Beach St (Walker to Lincoln) and Lake Ave (Main St to fairgrounds). County/City Project - Cost unknown.	\$0	\$0	\$0	100	0	0
<input checked="" type="checkbox"/> Main Street Traffic Study	WAT-P86	Conduct traffic study on Main Street between Freedom Blvd and Riverside Dr to determine the feasibility of a lane reduction/road diet. Determine possible impacts on adjacent streets and any necessary improvements. Study shall be coordinated with 2019 Downtown Watsonville Complete Streets and 2020 Downtown Specific Plan.	\$25	\$25	\$0	10	10	5

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Unconstrained			
<input type="checkbox"/> Main/Rodriguez/Union/Brennan (Freedom to Riverside) - Crosswalks	WAT-P55	Evaluate and if found necessary, increase the number of crosswalks on Main St, Rodriguez, and Union/Brennan to aim for 300 ft distance between crossings. Update pattern of crosswalks to block pattern.	\$115	\$0	\$115	0	100	0
<input checked="" type="checkbox"/> Maintain and Improve Trails	WAT-P83	Maintain and enhance existing pedestrian and bicycle trails	\$400	\$0	\$400	50	50	0
<input type="checkbox"/> MBSSTN Walker St (Watsonville Slough Trailhead to Walker St)	WAT-P71	Construction of 2400-foot long pathway parallel to the railroad tracks. Path shall be twelve-foot width asphalt (hma). Modify drainage facilities east of Ohlone Parkway. Provide connection with Watsonville Slough Trail. Install at grade crossing at spur near Walker St. Modify existing parking area and pedestrian facilities at Walker St/West Beach St intersection.	\$750	\$0	\$750	50	50	0
<input type="checkbox"/> Neighborhood Traffic Plan	WAT-P04	Plan to identify and address concerns regarding speeding, bicycle and pedestrian access and safety, and other neighborhood traffic issues (\$5k/yr).	\$115	\$115	\$0	0	0	0
<input type="checkbox"/> Neighborhood Traffic Plan Implementation	WAT-P13	Address concerns about traffic complaints through Education, Enforcement, and Engineering solutions. Install traffic calming devices that do not impede bicyclist access (\$20k/yr).	\$470	\$470	\$0	10	20	0
<input type="checkbox"/> Ohlone Parkway Improvements - Phase 2 (UPRR to West Beach)	WAT-P31	Roadway, pedestrian, and bicycle facilities.	\$600	\$0	\$600	10	25	2
<input type="checkbox"/> Pajaro Lane to Freedom Blvd Ped/Bike Connection	WAT-P63	Evaluate and if feasible, new bike/ped connection from Pajaro Lane to Freedom Blvd to connect neighborhood to goods, services and transit on Freedom Boulevard. Include new crossing from new bicycle/pedestrian facility to west side of Freedom Boulevard.	\$360	\$0	\$360	50	50	0
<input type="checkbox"/> Pajaro Valley High School Connector Trail	WAT-P42	Install bicycle/pedestrian trail (this trail connects Pajaro Valley High School to Airport Blvd).	\$710	\$0	\$710	50	50	0
<input checked="" type="checkbox"/> Pedestrian and Traffic Safety	WAT-P84	Provide pedestrian and traffic safety improvements including striping, markers, signage, flashing beacons and curb extensions.	\$848	\$0	\$848	0	50	0
<input type="checkbox"/> Pennsylvania Dr (Green Valley Rd to Clifford Ave)	WAT-P70	Repair, reconstruct and/or upgrade pavement, bike lanes, sidewalks, transit facilities, signage and striping	\$4,600	\$0	\$4,600	5	20	5
<input type="checkbox"/> Riverside (Hwy 129) Bike Facilities	CT-P39	Bicycle facilities - Lee to Lakeview Road. County/City Project -Cost Unknown.	\$0	\$0	\$0	100	0	0
<input type="checkbox"/> Rodriguez St (Main St to Riverside)-Buffered Bike Lane	WAT-P51	Evaluate and if found necessary, improve bike lane striping, add buffered lanes on Rodriguez St to delineate bike lane from vehicle parking and traffic.	\$12	\$0	\$12	100	0	0

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Unconstrained			
<input type="checkbox"/> Segment 18a - MBSST/Rail Trail: Ohlone Pkwy to City Slough Trail connection	TRL 18W	Construction of pedestrian and bicycle path parallel to the existing railroad tracks and within the rail right-of-way. Includes public outreach and training to improve bicycle and pedestrian safety.	\$2,800	\$2,800	\$0	50	50	0
<input type="checkbox"/> Segment 18b - MBSST/Rail Trail: Lee Road-Ohlone Pkwy	TRL 18L	Construction of pathway parallel to the railroad tracks: includes asphalt path, retaining walls, fencing, drainage, at grade RR crossings, and installation of pathway or sidewalk to link to the existing sidewalk at Lee Road.	\$6,500	\$6,500	\$0	50	50	0
<input type="checkbox"/> Union/Brennan (Freedom to Riverside) - Sharrows	WAT-P52	Evaluate and if found necessary, add sharrows to Union/Brennan.	\$12	\$0	\$12	100	0	0
<input type="checkbox"/> Upper Struve Slough Trail	WAT-P65	Construction of pedestrian/bicycle path along upper Struve Slough from Green Valley Road to Pennsylvania Drive. The trail shall consist of a twelve-foot wide by one foot deep aggregate base section with the center eight feet covered with a chip seal. Additional improvements include installing a 130-length of modular concrete block retaining wall, reinforcing a 160-foot length of slough embankment with rock slope protection and installing a 175-foot long by eight foot wide boardwalk.	\$530	\$530	\$0	50	50	0
<input type="checkbox"/> Walker St Modifications (Beach St to Watsonville Slough)	WAT-P48	Repave roadway and bike lanes; repair, replace and install curb, gutter, sidewalk and curb ramps; replace and upgrade signage and striping	\$3,200	\$0	\$3,200	10	25	2
<input checked="" type="checkbox"/> Watsonville Road Maintenance (Various Locations)	WAT 46	Place three-layer coating system on road surface	\$2,505	\$2,505	\$0	0	0	0
<input type="checkbox"/> Watsonville Shuttle	WAT-P27	Year round public transit service.	\$300	\$0	\$300	0	0	100
<input type="checkbox"/> Watsonville-wide HOV priority	WAT-P56	Evaluate HOV priority at signals and HOV queue bypass.	\$60	\$0	\$60	0	0	0
<input type="checkbox"/> West Beach St (Lee Rd to Ohlone Parkway)	WAT-P66	Repair, reconstruct and/or upgrade pavement, bike lanes, sidewalks, transit facilities, signage and striping	\$2,900	\$0	\$2,900	5	20	5
<input type="checkbox"/> West Beach St (Ohlone Parkway to Walker St)	WAT-P67	Repair, reconstruct and/or upgrade pavement, bike lanes, sidewalks, transit facilities, signage and striping	\$4,600	\$0	\$4,600	5	20	5
<input type="checkbox"/> West Lake Ave Modifications (Main St to Rodriguez St)	WAT-P41	Repair, replace and install curb, gutter, sidewalk and curb ramps; replace and upgrade signage and striping	\$240	\$0	\$240	40	60	0
City of Watsonville Total Cost			\$259,217	\$71,048	\$188,169			

			Costs in 2020 dollars.			% Project Cost By Active Mode		
Project Title	ID	Project Description/Scope	Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Unconstrained			
Consolidated Transportation								
<input type="checkbox"/> Countywide Specialized Transportation	CTSA-P01	Non-ADA mandated paratransit and other specialized transportation service for seniors and people with disabilities. Includes medical service rides, Elderday, out-of-county rides, Sr. Meal Site, Taxi Script, and same day rides etc. Constrained annual=\$2.3M; total need \$3M/yr	\$75,000	\$57,500	\$17,500	0	0	100
<input type="checkbox"/> Lift Line Maintenance/Operations Center	CTSA-P02	Construct a permanent maintenance center/consolidated operations facility for paratransit program (currently Lift Line). Measure D being used to finance.	\$15,500	\$15,500	\$0	0	0	100
<input type="checkbox"/> Medical Specialized Transportation for Veterans	CTSA-P06	Non-emergency medical transportation for veterans	\$6,500	\$0	\$6,500	0	0	100
<input type="checkbox"/> Medically Fragile Specialized Transportation	CTSA-P04	Non-emergency transportation service for medically fragile individuals. Includes operations and capital.	\$5,000	\$0	\$5,000	0	0	100
<input type="checkbox"/> Non-ADA Paratransit Service Expansion	CTSA-P03	Expansion of non-ADA paratransit system to meet needs of growing elderly and disabled populations. May include pre/post natal transport to medical appointments.	\$21,700	\$0	\$21,700	0	0	100
Consolidated Transportation Total Cost			\$123,700	\$73,000	\$50,700			
County Health Services Agency								
<input type="checkbox"/> Santa Cruz County Health Service Agency - Traffic Safety Education	CO 50	Ongoing education program to decrease the risk and severity of collisions. Includes bicycle and pedestrian programs: Community Traffic Safety Coalition, South County coalition, and Ride n' Stride Bicycle/Pedestrian Education Program.	\$7,400	\$2,500	\$4,900	50	40	0
County Health Services Agency Total Cost			\$7,400	\$2,500	\$4,900			
County of Santa Cruz								
<input type="checkbox"/> 26th Ave Improvements (entire length-Portola Dr to end)	CO-P31a	Roadway and roadside improvements on various Major Collectors including sidewalks, bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$2,580	\$0	\$2,580	20	25	5
<input type="checkbox"/> 26th to 30th (at Lode/Quartz) Bike/Ped Connection	CO-P78	New bike/ped connection from Lode and Quartz to Moran Trail, which connects to 30th.	\$520	\$0	\$520	50	50	0

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			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Uncon- strained			
<input type="checkbox"/> 37th/38th Ave (Brommer to Eastcliff) Multimodal Circulation Improvements and Greenway	CO-P27a	Evaluate and if feasible improve vehicle and transit access on 38th Avenue from East Cliff to Brommer and develop greenway on 37th Avenue from East Cliff to Portola. Roadway improvements may include roadway and roadside improvements including sidewalks, bike treatments (such as buffered and/or painted bike lanes, bike boxes, bike signals), transit turnouts, left turn pockets, and intersection improvement.	\$2,070	\$570	\$1,500	20	25	5
<input type="checkbox"/> 41st Ave Improvements Phase 2 (Hwy 1 Interchange to Soquel Dr)	CO-P26a	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$1,240	\$340	\$900	20	25	5
<input type="checkbox"/> Airport Blvd Improvements (City limits to Green Valley Rd)	CO-P02	Major rehab, addition of bike lanes, transit facilities, merge lanes, intersection improvements, sidewalks, drainage, and landscaping.	\$1,240	\$1,240	\$0	10	35	10
<input type="checkbox"/> Alba Rd Improvements (Empire Grade to State Hwy 9)	CO-P30b	Roadwork includes major rehabilitation and maintenance of the road and roadsides.	\$1,760	\$0	\$1,760	20	25	5
<input type="checkbox"/> Amesti Road Multimodal Improvements (Green Valley to Brown Valley Rd)	CO-P03	Roadway rehab and reconstruction, left turn pockets at Green Valley Road, Pioneer Road/Varni Road. Add bike lanes, transit turnouts, sidewalks, merge lanes, landscaping, and intersection improvements.	\$6,200	\$600	\$5,600	25	10	10
<input type="checkbox"/> Aptos Beach Dr Improvements (Esplanade to Rio Del Mar Blvd)	CO-P27b	Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement.	\$1,240	\$0	\$1,240	20	25	5
<input type="checkbox"/> Aptos Village Plan Improvements	CO 64	Modifications for ped, bike, bus and auto traffic. Add pedestrian facilities and drainage infrastructure on both sides of Soquel Dr; improve bike lanes; new bike parking; new bus pullout and shelter on north side. Trout Gulch: Replace sidewalks with standard sidewalks on east side, ADA upgrades to west side sidewalks. Install traffic signals at Soquel Dr/Aptos Creek Rd (CO 64c) & Soquel/Trout Gulch. Left turn lanes on Soquel at new street - Parade St and at Aptos Creek Road. RR crossing modifications - new crossing arms, concrete panels for vehicle and pedestrian crossings. New RR xing at Parade St. Phase 1: Trout Gulch Rd improvements w/traffic signal and upgraded RR xg at Soquel Dr. Pavement overlay of Soquel Dr (Spreckels to Trout Gulch) and a portion of Aptos Creek Road.	\$5,200	\$5,200	\$0	10	20	0
<input type="checkbox"/> Beach Road Improvements (City limits to Pajaro Dunes)	CO-P26b	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$1,240	\$340	\$900	20	25	5
<input type="checkbox"/> Bean Creek Rd Improvements (Scotts Valley City Limits to Glenwood Dr)	CO-P28a	Roadway and roadside improvements on various Minor Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$1,760	\$485	\$1,275	20	25	5

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			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Uncon- strained			
<input type="checkbox"/> Bear Creek Road Improvements (Hwy 9 to Hwy 35)	CO-P04	Major rehab, add bike lanes, turnouts, merge lanes, and intersection improvements. Some landscaping and drainage improvements also.	\$4,750	\$250	\$4,500	25	10	5
<input type="checkbox"/> Bonita Dr Improvements (entire length)	CO-P29b	Improvements of roadways and roadsides on various Minor Collectors including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$1,240	\$0	\$1,240	20	25	5
<input type="checkbox"/> Bonny Doon Rd Improvements (Hwy 1 to Pine Flats Rd)	CO-P43	Construction of a Class 1 bike lane facility, addition of transit stops, intersection improvements, major road rehabilitation, road maintenance, and drainage improvements.	\$8,260	\$0	\$8,260	50	0	2
<input type="checkbox"/> Bowker Rd Improvements (entire length-Buena Vista Dr to Freedom Blvd)	CO-P33a	Roadway and roadside improvements on various Minor Collectors including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$620	\$0	\$620	20	25	5
<input type="checkbox"/> Branciforte Dr Improvements (City of Santa Cruz to Vine Hill Rd)	CO-P30c	Improvements of roadways and roadsides on various Major Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road and roadsides.	\$1,760	\$0	\$1,760	20	25	5
<input type="checkbox"/> Branciforte Drive Chip Seal Project (Granite Creek Rd to SC city limits - 1.91mi)	CO 82	Roadway rehabilitation: Digouts, Rubberized Chip Seal, and restriping of a portion of Branciforte Drive	\$433	\$433	\$0	0	0	0
<input checked="" type="checkbox"/> Brimblecom Road Bridge Replacement	CO-P100	The project will consist of completely replacing the existing narrow one lane structure and roadway approaches with a two lane clear span concrete bridge and standard bridge approaches.	\$2,746	\$0	\$2,746	0	0	0
<input type="checkbox"/> Brown Valley Rd Improvements (Corralitos Rd to Redwood Rd)	CO-P26d	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$1,240	\$340	\$900	20	25	5
<input type="checkbox"/> Buena Vista Rd Improvements (San Andreas to Freedom Blvd)	CO-P26e	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$3,000	\$825	\$2,175	20	25	5
<input type="checkbox"/> Bulb Ave Road Improvements (Garden St to Capitola City Limits)	CO-P65	Roadway and roadside improvements including curb, gutter, sidewalk, bike lanes, left turn lanes, intersection improvements and roadway rehabilitation.	\$770	\$0	\$770	20	25	5
<input type="checkbox"/> Cabrillo College Dr Improvements (Park Ave to Twin Lakes Church)	CO-P30d	Improvements of roadways and roadsides on various Major Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road and roadsides.	\$1,240	\$240	\$1,000	20	25	5

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Unconstrained			
<input type="checkbox"/> Capital improvement projects consistent with the Sustainable Santa Cruz County Plan	CO-P96	Construct associated multi-modal infrastructure improvements associated with the Sustainable Santa Cruz County Plan	\$22,000	\$11,000	\$11,000	30	30	15
<input type="checkbox"/> Capitola Rd Ext Improvements (Capitola Rd to Soquel Ave)	CO-P31b	Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$1,240	\$0	\$1,240	20	25	5
<input type="checkbox"/> Carol Way/Lompico Creek Bridge Replacement	CO-P49	Replace existing single span-two lane bridge construction of steel girders and long deck with new 30 ft wide single span flat sale concrete bridge. Include (2) 11 ft lanes and (2) 4 ft shoulders.	\$1,240	\$0	\$1,240	6	6	3
<input type="checkbox"/> Casserly Rd Improvements (Hwy 152 to Green Valley Rd)	CO-P26g	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$770	\$208	\$562	20	25	5
<input type="checkbox"/> Cathedral Dr Improvements (entire length)	CO-P33b	Roadway and roadside improvements on Minor Collector. Roadwork includes major rehabilitation and maintenance of the road.	\$620	\$0	\$620	20	25	5
<input type="checkbox"/> Center Ave/Seacliff Dr Improvements (Broadway to Aptos Beach Dr)	CO-P26h	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$1,240	\$340	\$900	20	25	5
<input type="checkbox"/> Chanticleer Ave Improvements (Hwy 1 to Soquel Dr)	CO-P26i	Roadway and roadside improvements including bike lanes, sidewalks, drainage and intersection improvements.	\$1,240	\$340	\$900	20	25	5
<input type="checkbox"/> Cliff Dr Improvements (Rio Del Mar to Railroad Crossing)	CO-P29c	Improvements of roadways and roadsides on various Minor Collectors including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$620	\$0	\$620	20	25	5
<input type="checkbox"/> Clubhouse Drive Improvements (Sumner Av to Rio Del Mar Blvd)	CO-P32a	Road rehabilitation and maintenance. Roadside improvements: left lane pockets, sidewalks, bike lanes and transit turnouts.	\$1,450	\$0	\$1,450	20	25	5
<input type="checkbox"/> College Road Improvements (Hwy 152 to Lakeview Rd)	CO-P23	Major road rehab, add left turn pocket at Cutter Drive. Also add bike lanes, transit turnouts, sidewalks, landscaping. Drainage improvements, merge lanes, and intersection improvements may also be needed.	\$1,760	\$0	\$1,760	20	15	5
<input type="checkbox"/> Commercial Way Improvements (Mission Dr. to Soquel Dr.)	CO-P28c	Roadway and roadside improvements on various Minor Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$620	\$170	\$450	20	25	5

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			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Uncon- strained			
<input type="checkbox"/> Corcoran Ave Improvements (Alice St to Felt St)	CO-P27c	Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement.	\$620	\$150	\$470	20	25	5
<input type="checkbox"/> Corralitos Road Rehab and Improvements (Freedom Blvd to Hames Rd)	CO-P08	Major rehab, transit, bike, and ped facilities. May also include drainage, merge lanes, landscaping and intersection improvements.	\$620	\$620	\$0	15	10	10
<input type="checkbox"/> County wide guardrail	CO-P97	Install guardrail on County roads	\$15,000	\$15,000	\$0	0	0	0
<input type="checkbox"/> Countywide ADA Access Ramps	CO-P37	Construction of handicapped access ramps countywide.	\$1,240	\$620	\$620	0	100	0
<input type="checkbox"/> Countywide Bike Projects	CO-P71	Bike projects based on needs identified through the Santa Cruz County Bicycle Plan and plan updates. These are in addition to projects listed individually in the RTP.	\$4,130	\$0	\$4,130	100	0	0
<input type="checkbox"/> Countywide General Road Maintenance and Operations	CO-P35	Ongoing maintenance, repair, and operation of road/street system within the unincorporated areas of the county.	\$562,800	\$507,800	\$55,000	10	5	0
<input type="checkbox"/> Countywide Sidewalks	CO-P41	Install sidewalks.	\$72,310	\$7,000	\$65,310	0	100	0
<input type="checkbox"/> Day Valley Rd Improvements (entire length-Freedom Blvd to Valencia Rd)	CO-P31c	Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$1,240	\$0	\$1,240	20	25	5
<input type="checkbox"/> East Cliff (26th to Moran Way) Sidewalk Improvement	CO-P77	Install sidewalk from 26th south to link to Moran Way.	\$410	\$0	\$410	0	100	0
<input checked="" type="checkbox"/> East Cliff Dr Pedestrian Pathway (17th-Palisades Ave)	CO-P103	Construct sidewalks and bike lanes on East Cliff where there are gaps	\$7,000	\$0	\$7,000	25	75	0
<input type="checkbox"/> East Cliff Dr Pedestrian Pathway (7th-12th Ave)	CO-P50	Construct pedestrian pathway on East Cliff.	\$1,760	\$1,760	\$0	0	100	0
<input type="checkbox"/> East Cliff Drive Cape Seal (12th-17th)	CO 66	Pavement maintenance, isolated section digout and asphalt replacement and cape seal on entire roadway.	\$230	\$230	\$0	0	0	0
<input type="checkbox"/> East Cliff Drive Improvements (32nd Ave to Harbor)	CO-P09	Roadway rehab, add left turn pockets at 26th and 30th Ave, fill gaps in bikeways and sidewalks, add transit turnouts, intersection improvements. Some landscaping and drainage improvements.	\$4,750	\$1,500	\$3,250	20	25	10

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<input type="checkbox"/> East Zayante Rd Improvements (Lompico Rd to just before Summit Rd)	CO-P26j	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$1,760	\$485	\$1,275	20	25	5
<input type="checkbox"/> Either Way Ln Bridge Replacement Project	CO-P88	The project will consist of completely replacing the existing narrow one lane structure and roadway approaches with a two lane clear span precast voided concrete slab bridge and standard bridge approaches.	\$2,180	\$2,180	\$0	0	0	0
<input type="checkbox"/> El Dorado Ave Road Improvements (Capitola Rd to RR)	CO-P67	Roadway and roadside improvements including curb, gutter, buffered sidewalk, bike treatments (such as buffered and/or painted bike lanes, bike boxes, bike signals), left turn lanes, intersection improvements and roadway rehabilitation.	\$1,810	\$0	\$1,810	20	25	5
<input type="checkbox"/> El Rancho Dr Improvements (Mt. Hermon/Hwy 17 to SC city limits)	CO-P26k	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$2,380	\$655	\$1,725	20	25	5
<input type="checkbox"/> Empire Grade Improvements	CO-P10	Road rehab and maintenance, left turn pocket at Felton Empire Road, add bike lanes, transit facilities, some sidewalks, landscaping. Drainage improvements, merge lanes, and intersection improvements may also be needed.	\$4,750	\$1,190	\$3,560	20	10	10
<input type="checkbox"/> Eureka Canyon Rd Improvements (Hames Rd to Buzzard Lagoon Rd)	CO-P26l	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$2,380	\$655	\$1,725	20	25	5
<input type="checkbox"/> Felton Empire Road Improvements (entire length to State Hwy 9)	CO-P28d	Roadway and roadside improvements on various Minor Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$2,380	\$655	\$1,725	20	25	5
<input type="checkbox"/> Fern Dr @ San Lorenzo River Bridge Replacement Project	CO-P90	The project will consist of completely replacing the existing three span single lane structure and roadway approaches with a new two lane clear span reinforced concrete box girder bridge and standard bridge approaches.	\$2,830	\$2,830	\$0	0	0	0
<input type="checkbox"/> Forest Hill Dr @ Bear Creek Bridge Replacement Project	CO-P86	The Project will consist of completely replacing existing steel girder bridge crossing Bear Creek with a new precast concrete voided slab bridge.	\$2,050	\$0	\$2,050	0	0	0
<input type="checkbox"/> Freedom Blvd Multimodal Improvements (Bonita Dr to City of Watsonville)	CO-P11	Add bike lanes, sidewalks on some segments, transit turnouts, signalization. Left turn pockets at Bowker, Day Valley, White Rd, and Corralitos Rd. Also includes merge lanes, intersection improvements, landscaping, major rehabilitation and maintenance, drainage improvements.	\$3,100	\$775	\$2,325	20	10	10

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			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Uncon- strained			
<input type="checkbox"/> Glen Arbor Rd Improvements (State Hwy 9 to State Hwy 9)	CO-P30f	Improvements of roadways and roadsides on various Major Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road and roadsides.	\$1,240	\$0	\$1,240	20	25	5
<input checked="" type="checkbox"/> Glen Arbor Road Bridge Replacement	CO-P102	The project will consist of replacing the existing narrow two lane structure and roadway approaches by widening to 12 foot lanes with 8 foot shoulders and standard bridge approaches.	\$3,959	\$0	\$3,959	0	0	0
<input type="checkbox"/> Glen Canyon Rd Improvements (Branciforte Dr to City of Scotts	CO-P26m	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$5,990	\$1,640	\$4,350	20	25	5
<input type="checkbox"/> Glen Coolidge Drive/Hwy 9 Bike Path	CO-P40	Class 1 bike facility from Glen Coolidge Dr to Hwy 9 to provide eastern access to UCSC.	\$2,380	\$0	\$2,380	100	0	0
<input type="checkbox"/> Glenwood Cutoff General Improvements (Glenwood Dr to Hwy 17)	CO-P61	Roadway and roadside improvements including bike lanes, left turn lanes, intersection improvements and roadway rehabilitation.	\$3,100	\$0	\$3,100	30	0	0
<input type="checkbox"/> Glenwood Dr. Improvements (Scotts Valley city limits to State Hwy 17)	CO-P26n	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$3,000	\$825	\$2,175	20	25	5
<input type="checkbox"/> Graham Hill Road Multimodal Improvements (City of SC to Hwy 9)	CO-P12	Bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes, traffic signals. Major rehabilitation and maintenance. Drainage improvements. Signal upgrade at SR9.	\$7,020	\$1,755	\$5,265	20	10	10
<input type="checkbox"/> Granite Creek Rd Improvements (Branciforte Dr to City of Scotts	CO-P30h	Improvements of roadways and roadsides on various Major Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road and roadsides.	\$1,760	\$0	\$1,760	20	25	5
<input type="checkbox"/> Green Valley Rd Bridge Replacement Project	CO-P85	The project will consist of completely replacing the existing two lane structure and roadway approaches with a two lane clear span concrete slab bridge and standard bridge approaches.	\$2,110	\$2,110	\$0	0	0	0
<input type="checkbox"/> Green Valley Rd Pedestrian Safety Project	CO 42b	Build 6-foot wide sidewalk with some curb and gutter on NW side of Green Valley Rd from Airport Blvd to Amesti Rd (1800 ft).	\$390	\$390	\$0	0	100	0
<input type="checkbox"/> Green Valley Road Improvements	CO-P13	Add two-way left turn lanes from Mesa Verde to Pinto Lake on Green Valley Rd. Also includes some road rehab and maintenance, bike lanes, sidewalks, transit facilities, landscaping, and merge lanes.	\$4,130	\$1,030	\$3,100	20	10	5

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			Project Costs 2020 - 2045			Bike	Ped	Transit
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<input type="checkbox"/> Hames Rd Improvements (entire length-Freedom Blvd to Eureka Canyon Rd)	CO-P32b	Road rehab and maint. Roadside improvements--left lane pockets, sidewalks, bike lanes and transit turnouts.	\$3,620	\$0	\$3,620	20	25	5
<input type="checkbox"/> Harkins Slough Rd. Improvements (entire length-Buena Vista Dr to State Hwy 1)	CO-P32c	Road rehab and maint. Roadside improvements--left lane pockets, sidewalks, bike lanes and transit turnouts.	\$1,760	\$0	\$1,760	20	25	5
<input type="checkbox"/> Harper St Improvements (entire length-El Dorado Ave to ECM)	CO-P33d	Roadway and roadside improvements on various Minor Collectors including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$1,240	\$310	\$930	20	25	5
<input type="checkbox"/> Huntington Dr Improvements (Monroe Ave to Valencia Rd.)	CO-P32d	Road rehab and maint. Roadside improvements--left lane pockets, sidewalks, bike lanes and transit turnouts.	\$2,380	\$0	\$2,380	20	25	5
<input type="checkbox"/> Hwy 152/Holohan - College Intersection	CO 84	Operational and school bike and pedestrian safety improvements at intersection, including: adding a left-turn lane from Holohan to EB Hwy 152, extending existing lanes on Holohan approach, adding merge lane to Hwy 152 WB. Sidewalk on north (WB) side of Hwy 152 from Holohan to Corralitos Creek bridge, adds crosswalks, bicycle facilities, and speed feedback signs.	\$3,650	\$3,650	\$0	25	25	0
<input type="checkbox"/> Jamison Cr Rd Improvements (entire length-Empire Grade to Hwy 236)	CO-P32e	Road rehab and maint. Roadside improvements--left lane pockets, sidewalks, bike lanes and transit turnouts.	\$620	\$0	\$620	20	25	5
<input type="checkbox"/> La Madrona Dr Improvements (El Rancho Dr to City of Scotts Valley)	CO-P14	Bike lanes, sidewalks, transit turnouts, left turn pockets at Sims Road, Highway 17, and El Rancho Road), merge lanes, and intersection improvements. Also includes major rehabilitation, drainage and maintenance.	\$3,620	\$905	\$2,715	20	10	10
<input type="checkbox"/> Lakeview Road Improvements	CO-P15	Major road rehab, add left turn pocket at College Road, intersection improvements at Carlton Rd. Also add bike lanes, new transit facilities, landscaping. Drainage improvements, merge lanes, and intersection improvements may also be needed.	\$1,240	\$0	\$1,240	25	5	5
<input type="checkbox"/> Larkin Valley Rd Improvements (San Andreas Rd to Buena Vista Dr)	CO-P30i	Improvements of roadways and roadsides on various Major Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road and roadsides.	\$620	\$0	\$620	20	25	5
<input type="checkbox"/> Larkspur Bridge @San Lorenzo River	CO-P91	The project will consist of completely replacing the existing narrow one lane structure and roadway approaches with a two lane bridge and standard bridge approaches.	\$3,930	\$3,930	\$0	0	0	0

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<input type="checkbox"/> Laurel Glen Rd Improvements (Soquel-San Jose Rd to Mt. View/Rodeo Gulch Rd)	CO-P30j	Improvements of roadways and roadsides on various Major Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road and roadsides.	\$1,240	\$0	\$1,240	20	25	5
<input type="checkbox"/> Ledyard Way Improvements (entire length-Soquel Dr to Soquel Dr)	CO-P31d	Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$620	\$0	\$620	20	25	5
<input type="checkbox"/> Lockhart Gulch Improvements (Scotts Valley City limits to end)	CO-P31e	Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$1,240	\$0	\$1,240	20	25	5
<input type="checkbox"/> Lockwood Lane Improvements (Graham Hill Rd to SV limits)	CO-P24	Major road rehab, add bicycle lanes, sidewalks, some transit facilities, landscaping, and intersection improvements.	\$881	\$243	\$638	20	15	10
<input type="checkbox"/> Lompico Rd Bridge Replacement	CO-P95	The project will consist of replacing existing steel stringer bridge with a reinforced concrete slab bridge	\$1,860	\$0	\$1,860	50	0	0
<input type="checkbox"/> Lompico Rd Improvements (E Zayante Rd. to end)	CO-P30k	Improvements of roadways and roadsides on various Major Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road and roadsides.	\$620	\$0	\$620	20	25	5
<input type="checkbox"/> Maciel Ave Improvements (Capitola Rd to Mattison Ln)	CO-P29e	Improvements of roadways and roadsides on various Minor Collectors including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$1,450	\$400	\$1,050	20	25	5
<input type="checkbox"/> Main St Improvements (Porter St to Cherryvale Ave)	CO-P27e	Roadway and roadside improvements on Major Collector including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement.	\$1,760	\$1,760	\$0	20	25	5
<input type="checkbox"/> Manfre Rd Improvements (entire length-Larkin Valley Rd to Buena Vista Dr)	CO-P33e	Roadway and roadside improvements on various Minor Collectors including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$620	\$0	\$620	20	25	5
<input type="checkbox"/> Mar Monte Ave Improvements (San Andreas Rd to State Hwy 1)	CO-P30l	Improvements of roadways and roadsides on various Major Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road and roadsides.	\$620	\$0	\$620	20	25	5

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<input type="checkbox"/> Mar Vista Dr Improvements (entire length-just before Seacliff Dr to Soquel Dr)	CO-P33f	Roadway and roadside improvements on various Minor Collectors including addition of bike lanes, buffered sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$300	\$0	\$300	20	25	5
<input type="checkbox"/> Mattison Ln Improvements (Chanticleer Ave to Soquel Ave)	CO-P26p	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$1,450	\$400	\$1,050	20	25	5
<input type="checkbox"/> MBSST Rail Trail: 17th Ave-Jade St Park & Monterey Ave to Aptos Crk Road	TRL 10-11	Bicycle/pedestrian pathway parallel to railroad tracks through sections of Live Oak, Capitola, and Aptos. Segments 10 & 11 of Monterey Bay Sanctuary Scenic Trail Network (MBSST)/Rail Trail.	\$66,000	\$66,000	\$0	50	50	0
<input type="checkbox"/> McGregor Dr Improvements (Capitola city limits to Searidge Rd)	CO-P33g	Roadway and roadside improvements on various Minor Collectors including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$1,240	\$0	\$1,240	20	25	5
<input type="checkbox"/> Mesa Dr Improvements (Vienna Drive to Ledyard Way)	CO-P31f	Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$1,240	\$0	\$1,240	20	25	5
<input type="checkbox"/> Mill St Improvements (entire length)	CO-P27f	Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement.	\$360	\$360	\$0	20	25	5
<input type="checkbox"/> Mountain View Rd Improvements (Branciforte Dr to Rodeo Gulch Rd)	CO-P27g	Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement.	\$1,240	\$0	\$1,240	20	25	5
<input type="checkbox"/> Mt. Hermon Rd. Improvements (Lockhart Gulch to Graham Hill Rd)	CO-P26q	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$3,000	\$825	\$2,175	20	25	5
<input type="checkbox"/> Murphy Crossing Improvements	CO-P39	Bikeway on Murphy Crossing (Hwy 129 to Monterey Co line), major rehabilitation and maintenance of road, drainage improvements may also be needed.	\$1,240	\$0	\$1,240	20	26	9
<input type="checkbox"/> Opal Cliff Dr Improvements (41st Av to Capitola City Limits)	CO-P31g	Roadway, roadside and intersection improvements including sidewalks, bike treatments (such as buffered and/or painted bike lanes), designed to accommodate the number of users and link to East Cliff Drive.	\$1,240	\$290	\$950	20	25	5
<input type="checkbox"/> Pajaro River Bike Path System	CO-P38	Construction of a Class 1 bike path along the levees and a Class 2 bikeway on Thurwatcher Road and Beach Road.	\$9,500	\$2,500	\$7,000	100	0	0

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<input type="checkbox"/> Paul Minnie Ave. Improvements (Rodriguez St to Soquel Ave)	CO-P29f	Improvements of roadways and roadsides on various Minor Collectors including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$1,240	\$340	\$900	20	25	5
<input type="checkbox"/> Paul Sweet Road Improvements (Soquel Dr to end)	CO-P22	Major road rehab and maintenance. Also adds bike lanes, sidewalks, landscaping. Drainage improvements, merge lanes, and intersection improvements, and new transit facilities may also be needed.	\$1,240	\$310	\$930	20	15	5
<input type="checkbox"/> Paulsen Rd Improvements (Green Valley Rd to Whiting Rd)	CO-P27h	Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement.	\$1,240	\$240	\$1,000	20	25	5
<input type="checkbox"/> Pine Flat Rd Improvements (Bonny Doon Rd to Empire Grade Rd)	CO-P28f	Roadway and roadside improvements on various Minor Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$2,380	\$655	\$1,725	20	25	5
<input type="checkbox"/> Pinehurst Dr Improvements (entire length)	CO-P27i	Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement.	\$880	\$180	\$700	20	25	5
<input type="checkbox"/> Pioneer Rd Improvements (Amesti Rd to Green Valley Rd)	CO-P31h	Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$880	\$0	\$880	20	25	5
<input checked="" type="checkbox"/> Pleasant Way Bridge Replacement	CO-P99	The project will consist of completely replacing the existing narrow one lane structure and roadway approaches with a two lane clear span concrete bridge and standard bridge approaches.	\$3,740	\$0	\$3,740	0	0	0
<input type="checkbox"/> Polo Dr Improvements (Soquel Dr to end)	CO-P29g	Improvements of roadways and roadsides on various Minor Collectors including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$1,450	\$0	\$1,450	20	25	5
<input type="checkbox"/> Porter St Improvements (Soquel Dr to Paper Mill Rd)	CO-P26r	Roadway and roadside improvements including buffered sidewalks and bicycle treatments (such as buffered and/or painted bike lanes, bike boxes, bike signals) to address speed inconsistency between bicyclists and vehicles, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$1,240	\$340	\$900	20	25	5

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Uncon- strained			
<input type="checkbox"/> Quail Hollow Rd Bridge Replacement Project	CO-P82	The project will consist of completely replacing the existing two lane structure and roadway approaches with a two lane clear span concrete bridge and standard bridge approaches.	\$2,430	\$0	\$2,430	0	0	0
<input type="checkbox"/> Quail Hollow Rd Improvements (entire length- East Zayante to Glen Arbor Rd)	CO-P32f	Road rehab and maint. Roadside improvements--left lane pockets, sidewalks, bike lanes and transit turnouts.	\$830	\$0	\$830	20	25	5
<input type="checkbox"/> Rancho Rio Ave @ Newell Creek Bridge Replacement Project	CO-P87	The project will consist of completely replacing the existing one lane structure and roadway approaches with a two lane clear span concrete slab bridge and standard bridge approaches.	\$1,730	\$0	\$1,730	0	0	0
<input type="checkbox"/> Redwood Lodge Rd (Entire Length)	CO-P51	Roadway and roadside improvements including curb, gutter, sidewalk, bike lanes, left turn lanes, intersection improvements and roadway rehabilitation.	\$3,100	\$0	\$3,100	20	25	5
<input type="checkbox"/> Rio Del Mar Blvd Improvements (Esplanade to Soquel Dr)	CO-P30n	Improvements of roadways and roadsides on various Major Arterials including addition of bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road and roadsides.	\$3,000	\$725	\$2,275	20	25	5
<input type="checkbox"/> Rodeo Gulch Rd Improvements (So & North: Mt. View/Laurel Glen Rd to Hwy 1)	CO-P31i	Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$1,760	\$0	\$1,760	20	25	5
<input type="checkbox"/> Roland Dr Improvements (30th to 35th)	CO-P31j	Roadway and roadside improvements and implementation of greenway, which gives priority to bicycles and pedestrians on low volume, low speed streets including, pedestrian facilities, way finding and pavement markings, bicycle treatments to connect to new bike/ped connection to 41st.	\$880	\$0	\$880	20	25	5
<input type="checkbox"/> San Lorenzo River Valley Trail	CO-P46	15 mile, paved multi-use path for bicyclists and pedestrians from Boulder Creek to Santa Cruz along SLV River corridor.	\$40,000	\$0	\$40,000	50	50	0
<input type="checkbox"/> San Lorenzo Way Bridge Replacement Project	CO-P83	The project will consist of completely replacing the existing one lane structure and roadway approaches with a two lane clear span bridge and standard bridge approaches.	\$3,190	\$3,190	\$0	0	0	0
<input type="checkbox"/> Seaciff Dr Improvements (entire length)	CO-P27j	Roadway and roadside improvements on various Major Collectors including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvement.	\$1,760	\$0	\$1,760	20	25	5

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Unconstrained			
<input type="checkbox"/> Seacliff Village/State Park Drive Improvements	CO 36	Construct sidewalks, bike lanes, bus turnouts/stops, central plaza, street lighting, EV charging station, parking, landscaping, drainage and roadway overlay in Seacliff core area- consistent with the Seacliff Village Plan adopted by the BOS in 2003.	\$3,060	\$3,060	\$0	5	15	5
<input type="checkbox"/> Seascape Blvd Improvements (Sumner Ave to San Andreas Rd)	CO-P26s	Roadway improvements and pavement rehabilitation.	\$620	\$170	\$450	20	25	5
<input type="checkbox"/> Sims Road Improvements (Graham Hill Rd to La Madrona Dr)	CO-P17	Road rehab and maintenance, drainage, intersection improvements, landscaping, add bike, ped, and transit facilities.	\$1,760	\$440	\$1,320	20	10	5
<input type="checkbox"/> Smith Grade Improvements (entire length-Empire Grade to Bonny Doon Rd)	CO-P32g	Road rehab and maint. Roadside improvements--left lane pockets, sidewalks, bike lanes and transit turnouts.	\$2,380	\$0	\$2,380	20	25	5
<input type="checkbox"/> Soquel Ave Improvements (City of SC to Gross Rd)	CO-P18	Transit turnouts, two way left turn lanes from Chanticleer to Mattison, merge lanes, signalization and intersection improvements. Signals at Chanticleer and Gross Rd. Roadwork: major rehabilitation and maintenance, perhaps drainage improvements. Roadside: sidewalks, landscaping, and new transit facilities.	\$3,310	\$3,310	\$0	15	20	13
<input type="checkbox"/> Soquel Dr Improvements (Soquel Ave to Freedom Blvd)	CO-P19	Major rehab, merge lanes, intersections improvements, signal coordination, transit turnouts, fill sidewalk and bike facility gaps, some landscaping.	\$15,000	\$0	\$15,000	10	15	10
<input type="checkbox"/> Soquel Dr Road Improvements (Robertson St to Daubenbiss)	CO-P62	Roadway and roadside improvements including curb, gutter, sidewalk, bike treatments (such as buffered and/or painted bike lanes, bike boxes, bike signals), left turn lanes, intersection improvements and roadway rehabilitation.	\$410	\$410	\$0	20	25	5
<input checked="" type="checkbox"/> Soquel Dr to 41st Ave Dedicated Right Turn Lane	CO-P104	Project will add a dedicated right turn lane in the eastbound direction of Soquel Dr to 41st Ave	\$550	\$0	\$550	0	0	0
<input checked="" type="checkbox"/> Soquel Dr to Soquel Ave Dedicated Right Turn Lane	CO-P105	Project will add a dedicated right turn lane in the eastbound direction of Soquel Dr to Soquel Ave	\$550	\$0	\$550	0	0	0
<input type="checkbox"/> Soquel Dr Traffic Signal and Left Turn Lane (Robertson St)	CO-P58	Install left turn lane at signalized intersection from Soquel Dr to Robertson St and associated roadside improvements	\$1,000	\$0	\$1,000	10	0	5

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Unconstrained			
<input checked="" type="checkbox"/> Soquel Drive Buffered Bike Lane and Congestion Mitigation Project	CO 89	Adaptive traffic signal control/transit signal priority at all 23 intersections between La Fonda Ave and State Park Dr; Protected bike lanes with striping/bollards for approximately 2.4 miles (4.8 miles bidirectional) and buffered bike lanes with striping for approximately 2.65 miles (5.3 miles bidirectional); 46 green bike boxes at 23 intersections for left turn movements; Pedestrian improvements including: 10 rectangular rapid flashing beacons at midblock crossings; 0.46 miles of new curb, gutter, retaining wall and sidewalk construction; 96 crosswalk upgrades, 12 sidewalk curb extensions; 100 ADA ramps; and reconstruction of 17 driveway and side street connections; Cape seal of pavement for entire project length	\$27,000	\$27,000	\$0	10	15	10
<input type="checkbox"/> Soquel-San Jose Rd Improvements (Paper Mill Rd to Summit Rd)	CO-P36	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$2,580	\$580	\$2,000	25	10	5
<input type="checkbox"/> Soquel-Wharf Rd Improvements (Robertson St to Porter St)	CO-P28g	Roadway and roadside improvements on various Minor Arterials including addition of bike treatments (such as buffered and/or painted bike lanes, bike boxes, bike signals), transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$1,030	\$515	\$515	20	25	5
<input type="checkbox"/> Spreckels Dr Improvements (Soquel Dr to Aptos Beach Dr)	CO-P27k	Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement. Also includes improvements to pedestrian facilities.	\$1,240	\$340	\$900	20	25	5
<input type="checkbox"/> Spreckels Dr/Treasure Island Dr Improvements	CO-P42	Addition of bike lanes, intersection improvements, major road rehabilitation, road maintenance, and possible drainage improvements.	\$620	\$0	\$620	20	30	5
<input type="checkbox"/> State Park Drive Improvements Phase 2	CO-P20	Transit turnouts, two way left turn, merge lanes, intersection improvements, and fill gaps in bike and ped facilities including pedestrian crossing improvements, bike treatments (such as buffered and/or painted bike lanes, bike boxes, bike signals). Plus, major rehabilitation and maintenance, drainage improvements, landscaping.	\$1,340	\$335	\$1,005	10	30	10
<input type="checkbox"/> Summit Rd Improvements	CO-P26u	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$5,580	\$1,530	\$4,050	20	25	5
<input type="checkbox"/> Sumner Ave Improvements (entire length-Rio Del Mar Blvd to end [just past via Novella])	CO-P32h	Road rehab and maint. Roadside improvements--left lane pockets, sidewalks, bike lanes and transit turnouts.	\$1,450	\$0	\$1,450	20	25	5
<input type="checkbox"/> Swanton Rd Bridge Replacement	CO-P94	The project will consist of replacing existing 3 span steel girder bridge with a single span concrete box girder bridge	\$2,540	\$0	\$2,540	50	0	0

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Uncon- strained			
<input type="checkbox"/> Thompson Ave Improvements (entire length-Capitola Rd to end)	CO-P33h	Roadway and roadside improvements including major rehabilitation and maintenance of road and includes implementation of greenway, which gives priority to bicycles and pedestrians on low volume, low speed streets including, pedestrian facilities, way finding and pavement markings, bicycle treatments to connect to MBSST.	\$1,240	\$0	\$1,240	20	25	5
<input type="checkbox"/> Thurber Ln Improvements (entire length)	CO-P28h	Roadway and roadside improvements on various Minor Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$1,760	\$485	\$1,275	20	25	5
<input type="checkbox"/> Thurwachter Road Bike Lanes	CO-P68	Install bicycle lanes.	\$50	\$0	\$50	100	0	0
<input type="checkbox"/> Trout Gulch Rd Improvements (Soquel Dr. to end)	CO-P30p	Improvements of roadways and roadsides on various Major Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road and roadsides.	\$3,000	\$0	\$3,000	20	25	5
<input checked="" type="checkbox"/> Two Bar Road Bridge Rehabilitation	CO-P101	The project will consist of rehabilitating the existing narrow one lane structure and roadway approaches by widening to two lanes with shoulders and standard bridge approaches.	\$1,696	\$0	\$1,696	0	0	0
<input type="checkbox"/> Upper Zayante Rd Improvements	CO-P98	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$1,500	\$0	\$1,500	25	20	5
<input type="checkbox"/> Valencia Rd Improvements (Trout Gulch Rd to Valencia School Rd)	CO-P32j	Road rehab and maint. Roadside improvements--left lane pockets, sidewalks, bike lanes and transit turnouts.	\$1,760	\$0	\$1,760	20	25	5
<input type="checkbox"/> Varni Rd Improvements (Corralitos Rd to Amesti Rd)	CO-P28i	Roadway and roadside improvements on various Minor Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$1,240	\$340	\$900	20	25	5
<input type="checkbox"/> Vine Hill Rd Improvements (Branciforte/Mt. View Rd to State Hwy 17)	CO-P30q	Improvements of roadways and roadsides on various Major Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road and roadsides.	\$1,450	\$0	\$1,450	20	25	5
<input type="checkbox"/> Wallace Ave Improvements (entire length-Huntington Dr to end)	CO-P33i	Roadway and roadside improvements on various Minor Collectors including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$880	\$0	\$880	20	25	5

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Uncon- strained			
<input type="checkbox"/> Webster St Improvements (Jose Ave to 16th St)	CO-P29h	Improvements of roadways and roadsides on various Minor Collectors including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$1,240	\$0	\$1,240	20	25	5
<input type="checkbox"/> Winkle Ave Improvements (entire length from Soquel Dr)	CO-P27I	Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement.	\$2,380	\$655	\$1,725	20	25	5
County of Santa Cruz Total Cost			\$1,100,305	\$701,499	\$398,806			

Ecology Action

<input checked="" type="checkbox"/> Bike Challenge +	EA 03a	Online tracking and encouragement platform to encourage and reward people to bike commute more often. Twice-a-year monthly bike challenge, year-round encouragement tools, bike commuter workshops, marketing, group rides, and data/survey collection.	\$3,681	\$181	\$3,500	100	0	0
<input type="checkbox"/> Bike To Work/School Program	RTC 26	Countywide education, promotion, and incentive program to actively encourage bicycle commuting and biking to school. Coordinates efforts with local businesses, schools, and community organizations to promote bicycling on a regular basis. Provides referrals to community resources. Avg annual cost: \$140K/yr-includes in-kind donations and staff time.	\$3,870	\$1,870	\$2,000	100	0	0
<input type="checkbox"/> Ecology Action Transportation Employer Membership Program	RTC 17	Community organization that promotes alternative commute choices. Work with employers, incentives for travelers to get out of SOVs including: emergency ride home, interest-free bike loans, discounted bus passes. Avg cost: \$90K/yr. Coordinates with Bike to Work program.	\$2,500	\$1,125	\$1,375	20	20	20
<input type="checkbox"/> Monterey Bay Electric Vehicle Alliance (MBEVA)	VAR-P22	Help facilitate this broad collaboration of PEV advocates, businesses, union labor, manufacturers and public agencies to assist the adoption of PEV's in the Monterey Bay region. MBEVA's main goals are to: • Create PEV infrastructure in this region • Educate the public on the benefits of PEV's • Educate gov't agencies on ways to streamline PEV policy, permitting, and implementation and • Help train workforce for PEV related jobs.	\$900	\$200	\$700	0	0	0
<input type="checkbox"/> SRTS Youth Pedestrian and Bicycle Safety Education (BikeSmart and WalkSmart)	EA 02	'Feet on the ground' pedestrian safety education to 2nd graders and bike safety education and 'rodeos' with 5th graders at schools countywide.	\$8,360	\$440	\$7,920	42	58	0
Ecology Action Total Cost			\$19,311	\$3,816	\$15,495			

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Unconstrained			
SCCRTC								
<input type="checkbox"/> Bike Parking Subsidy Program	RTC 16	Subsidies for bicycle racks and lockers for businesses, schools, government agencies, and non-profit organizations are all eligible. Recipients are responsible for installation and maintenance of the equipment. Avg annual cost: \$25K/yr.	\$630	\$240	\$390	100	0	0
<input type="checkbox"/> County-wide Bicycle, Pedestrian and Vehicle Occupancy Counts	RTC-P50	Conduct counts to assess mode split over time and assess impact of new facilities.	\$530	\$330	\$200	0	0	0
<input type="checkbox"/> Cruz511 TDM and Traveler Information	RTC 02a	Transportation demand management including centralized traveler information system and ride matching services. Outreach, education and incentives; multimodal traveler information system on traffic conditions, incidents, road and lane closures; ride matching service for carpools, vanpools, and bicyclists; services and information about availability and benefits of all transportation modes, including sharing rides, transit, walking, bicycling, telecommuting, alternative work schedules, alternative fuel vehicles, and park-n-ride lots. Avg annual cost: \$315k.	\$7,874	\$4,334	\$3,540	0	0	0
<input type="checkbox"/> Freeway Service Patrol (FSP) on Hwy 1 and Hwy 17	RTC 01	Ongoing system management and congestion reduction program. Maintain and expand tow truck patrols on Highways 1 and 17. Roving tow trucks work with the CHP to quickly remove obstructions (collisions, debris, etc) from travel lanes, and provide assistance to motorists during peak travel periods to keep incident related congestion to a minimum and keep traffic moving. Avg need: \$300k/yr constrained (some from SB1); \$430k/yr total cost.	\$10,750	\$7,500	\$3,250	0	0	0
<input type="checkbox"/> MBSST - North Coast Rail Trail Phase 1	TRL 5a	Monterey Bay Sanctuary Scenic Trail Network (MBSST) - ph. 1 Wilder Ranch-Coast Dairies (5.4 mi)	\$13,500	\$13,500	\$0	50	50	0
<input type="checkbox"/> MBSST - North Coast Rail Trail Phase 2	TRL 5b	2.1 miles of Class 1, 8 to 12 foot wide multi-use bicycle/pedestrian paved path with decomposed granite shoulders within the rail line right of way along the north coast of Santa Cruz County from Yellowbank Beach to Davenport. Project also includes Davenport crosswalk at Hwy 1/Ocean St and preliminary engineering and environmental compliance for parking lots at Yellowbank Beach and Davenport Beach and a path from the Bonny Doon parking lot to the rail trail.	\$8,700	\$8,700	\$0	40	40	0
<input type="checkbox"/> MBSST - Rail and Hwy 1 Bicycle and Pedestrian Crossing at Laguna Creek Beach	RTC 27d	Design, approval of CPUC, environmental clearance, and construction of a bicycle and pedestrian crossing of the rail line and Hwy 1 to provide access between the Coastal Rail Trail at Laguna Creek Beach and the parking area on the inland side of Hwy 1.	\$2,000	\$0	\$2,000	100	0	0

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Uncon- strained			
<input type="checkbox"/> Measure D Administration and Implementation	RTC-P59	SCCRTC administration, implementation and oversight of Measure D and the revenues generated from the 2016 Santa Cruz County Transportation Sales Tax - Measure D. Costs include annual independent fiscal audits, reports to the public, preparation and implementation of state-mandated reports, oversight committee, preparation of implementation, funding and financing plans, and other responsibilities as may be necessary to administer, implement and oversee the Ordinance and the Expenditure Plan.	\$14,375	\$14,375	\$0	0	0	0
<input type="checkbox"/> Monterey Bay Sanctuary Scenic Trail Network (Coastal Rail Trail) - Trail Management Program	RTC 27c	Coordinate trail implementation as it traverses multiple jurisdictions to ensure uniformity; serve as Project Manager for construction of some segments; handle environmental clearance; coordinate use in respect to other requirements (closures for ag spraying, etc); solicit ongoing funding and distribute funds to implementing entities through MOUs; coordinate with community initiatives; etc. (est. \$435k/yr)	\$7,550	\$7,550	\$0	50	50	0
<input type="checkbox"/> Monterey Bay Sanctuary Scenic Trail Network - Design, Environmental Clearance, and Construction	RTC 27a	Design, environmental clearance and construction of balance of the 32-mile rail component of the 50+ mile network of bicycle and pedestrian facilities on or near the coast, with the rail trail as the spine and additional spur trails to connect to key destinations. (Funded segments listed individually under each implementing agency.)	\$94,000	\$47,000	\$47,000	45	45	0
<input type="checkbox"/> Monterey Bay Sanctuary Scenic Trail Network (Coastal Rail Trail) - Maintenance & Operations	RTC 27b	Ongoing maintenance rail trail corridor. Includes clean-up, trash/recycling removal, graffiti abatement, brush clearance, surface repairs (from drainage issues, tree root intrusion) etc. and encroachments (est. \$700k/yr)	\$17,500	\$17,500	\$0	50	50	0
<input type="checkbox"/> Performance Monitoring	RTC-P51	Transportation data collection and compilation to monitor performance of transportation system to advance goals/targets. Includes travel surveys of commuters, Transportation Demand Management plan, a low-stress bicycle network plan and parking standards plan.	\$1,875	\$220	\$1,655	0	0	0
<input type="checkbox"/> Planning, Programming & Monitoring (PPM) - SB45	RTC 04	Development and amendments to state and federally mandated planning and programming documents, monitoring of programmed projects. Avg annual cost: \$250k/yr.	\$6,250	\$5,000	\$1,250	0	0	0
<input type="checkbox"/> Public Transit on Watsonville-Santa Cruz Rail Corridor	RTC-P02	Design, construction, and operation of public transit between Santa Cruz and Watsonville in the rail corridor. May be a joint project with the SCCRTC, SCMTD, and local jurisdictions. Annual op cost est: \$25M/yr; Capital: \$475M (Total cost reflects 2021 TCAA est. for rail). Pending final outcome of Transit Corridor Alternatives Analysis and environmental review. Cost shown includes 15 years of service during RTP period.	\$850,000	\$25,000	\$825,000	0	0	100

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Uncon- strained			
<input type="checkbox"/> Public Transit on Watsonville-Santa Cruz Rail Corridor: Environmental and other analysis	RTC-P02a	Environmental assessment, economic and other analyses of a possible future public transit system and other transportation options on the rail corridor right-of-way.	\$8,000	\$8,000	\$0	0	0	0
<input type="checkbox"/> Rail Line Repairs and Bridge Rehabilitation	RTC 03a	Infrastructure preservation for current uses and future transportation purposes. Includes railroad bridge rehabilitation and and 2017 storm damage repairs.	\$5,800	\$5,800	\$0	15	15	0
<input type="checkbox"/> Rail Line: Freight Service Upgrades	RTC-P41	Upgrade rail line to FRA Class 2 to a condition for reasonable ongoing maintenance into the future. Upgrade crossings, replace jointed rail with continuously welded rail, upgrade signals, and replace ties.	\$25,000	\$0	\$25,000	0	0	0
<input type="checkbox"/> Rail Line: Ongoing Track infrastructure and signage maintenance and repairs	RTC 03b	Ongoing maintenance, repair and rehabilitation of railroad track infrastructure and signage (\$175k/year)	\$4,375	\$4,375	\$0	0	0	0
<input checked="" type="checkbox"/> Railroad Bridge Inspections & Analysis	RTC 03d	Railroad Bridges are required to be inspected and load rated every 540 days per Federal Railroad Administration (FRA) requirements	\$6,250	\$6,250	\$0	0	0	0
<input type="checkbox"/> Recreational Rail Infrastructure	RTC 25	Seasonal passenger rail service on Santa Cruz Branch rail line. Infrastructure needed for the service is listed here (e.g. platforms, sidings, pedestrian & disabled access, rail vehicles). Unsubsidized operations will be provided by a private operator and operating costs are therefore not included here. All costs are estimated.	\$5,340	\$0	\$5,340	0	0	100
<input type="checkbox"/> Regional State Transit Assistance Projects	RTC-P60	State Transit Assistance (STA) eligible transit projects	\$33,220	\$33,220	\$0	0	0	100
<input type="checkbox"/> RTC Bikeway Map	RTC-P49	Update, print and distribute free SC County Bikeway Map and update GIS files as needed.	\$320	\$320	\$0	100	0	0
<input type="checkbox"/> SAFE: Call Box System Along Hwys	RTC-P01	Motorist aid system of telephone call boxes along all highways plus maintenance and upgrades. Call boxes may be used to request assistance or report incidents. Avg annual cost: \$245k/yr	\$5,390	\$5,390	\$0	0	0	0
<input type="checkbox"/> SCCRTC Administration (TDA)	RTC-P07	SCCRTC as Regional Transportation Planning Agency for Santa Cruz County distributes Transportation Development Act Local Transportation Funds and State Assistance Funds for planning, transit, bicycle facilities and programs, pedestrian facilities and programs and specialized transportation in accordance with state law and the unmet transit needs process. Average annual cost: \$650K/yr.	\$14,300	\$14,300	\$0	0	0	0

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Unconstrained			
<input type="checkbox"/> SCCRTC Planning	RTC-P08	SCCRTC Planning Tasks. Includes public outreach, long and short range planning, interagency coordination. Avg annual cost: \$625k/yr.	\$13,750	\$13,750	\$0	0	0	0
<input type="checkbox"/> Shared Parking Program	RTC-P57	Develop tools to allow adjacent property owners to develop and share parking facilities.	\$150	\$50	\$100	0	0	0
<input type="checkbox"/> Transportation Demand Management Ordinance and User Guide	RTC-P56	Develop Model TDM Ordinance and User Guide to include provisions for both residential and non-residential projects and address program and facilities improvements in return for reductions in off-street parking requirements.	\$260	\$0	\$260	0	0	0
<input type="checkbox"/> Vanpool Incentive Program	RTC 15	Assist in start up and retention of vanpools. Includes financial incentives: new rider subsidies, driver bonuses, and empty seat subsidies. Also may include installation of wifi on vans. Avg Annual Cost: \$25k/yr.	\$670	\$100	\$570	0	0	0
SCCRTC Total Cost			\$1,158,359	\$242,804	\$915,555			

SCCRTC/Caltrans

<input type="checkbox"/> 1 - Hwy 1 Corridor Investment Program	RTC 24a	Tier 1 – program level design/environmental analysis to establish a Corridor Investment Program (CIP) to reduce congestion along the 9 mile section of Highway 1 between San Andreas Rd/Larkin Valley Rd (Aptos) and Morrissey Boulevard (Santa Cruz). [Other RTC24_ projects are increments of the Highway 1 CIP.] Caltrans Project ID 05-0C730	\$0	\$0	\$0	5	5	15
<input type="checkbox"/> 2 - Hwy 1 Auxiliary Lanes & Bus on Shoulders: 41st Ave to Soquel Ave & Chanticleer Bike/Ped Bridge	RTC 24f	Construct auxiliary lanes, modify shoulders for bus operations, and construct a bicycle/pedestrian overcrossing of Hwy 1 at Chanticleer Ave. (Caltrans Project ID 05-0C732)	\$32,000	\$32,000	\$0	10	15	5
<input type="checkbox"/> 3 - Hwy 1-State Park Dr-Bay/Porter Auxiliary Lanes, Bus on Shoulders, & Mar Vista Bike/Ped Crossing	RTC 24e	Construct approximately 2.5 miles of auxiliary lanes northbound and southbound between State Park Dr and Park Ave interchange (1.2 miles) and the Park Ave and Bay/Porter interchange (0.7 miles); hybrid bus-on-shoulder/auxiliary lane facility between Bay Ave/Porter St and State Park Dr (total distance 3 miles). Includes bicycle/pedestrian overcrossing of Hwy 1 at Mar Vista Dr with sidewalk, ADA ramps, and intersection improvements at bridge approaches; reconstruction of Capitola Avenue overcrossing with wider sidewalks and bike lanes; and emergency pullouts and enforcement areas, sound wall, retaining walls, improved median barrier, lighting, overhead signs, traffic monitoring stations, drainage, and drought tolerant landscaping. [Part of Highway 1 CIP project (RTC 24a)]	\$90,000	\$90,000	\$0	7	8	10

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Uncon- strained			
<input type="checkbox"/> 4 - Hwy 1 Auxiliary Lanes and Bus on Shoulders: Freedom Blvd to State Park Dr	RTC 24g	Construct auxiliary lanes between State Park Dr-Rio Del Mar and Rio Del Mar Blvd - Freedom Blvd interchanges and modify shoulders to allow buses to use shoulders. Includes soundwalls and retaining walls; widening of the bridge over Aptos Creek/Spreckles Drive; Segment 12 of the MBSST (State Park Dr-Rio Del Mar Blvd/Sumner); and reconstruction of two railroad bridges over Highway 1, including bike/ped trail. [Part of Highway 1 CIP project (RTC 24a)]	\$102,000	\$102,000	\$0	12	13	5
<input type="checkbox"/> 5 - Hwy 1: Reconstruct Morrissey Blvd Interchange	RTC 24h	Reconstruct Morrissey Blvd overcrossing with enhanced pedestrian and bicycle treatments (such as buffered or painted facilities) on both sides of the overcrossing, and/or a bicycle/pedestrian overcrossing at Trevethan Ave, reconfigure ramps and local streets to accommodate the new interchange, and ramp metering.[Part of Highway 1 CIP project (RTC 24a), but listed here as standalone project.]	\$45,800	\$0	\$45,800	5	5	5
<input type="checkbox"/> 6 - Hwy 1: Reconstruct Soquel Avenue Interchange	RTC 24i	Reconstruct the overcrossing with enhanced pedestrian and bicycle facilities on both sides, reconfigure ramps and local streets to accommodate the new interchange, and ramp metering. [Part of Highway 1 CIP project (RTC 24a), but listed here as standalone project.]	\$67,330	\$0	\$67,330	5	5	5
<input type="checkbox"/> 7 - Hwy 1: Reconstruct Bay Ave/Porter St and 41st Avenue Interchange	RTC 24j	Reconstruct highway to operate as a single interchange. Includes construction of a frontage road that includes bike lanes and sidewalks connecting the Bay/Porter and 41st Ave intersections ; reconstruction of the Bay/Porter undercrossing and the 41st Avenue overcrossing with enhanced pedestrian and bicycle treatments on both sides, and reconfiguration of ramps and local streets to accommodate local traffic and ramp metering. [Part of the Highway 1 CIP project (RTC 24a), but is listed here as a standalone project.]	\$114,000	\$14,000	\$100,000	5	5	5
<input type="checkbox"/> 94 - Hwy 1: Northbound Auxiliary Lane from San Andreas Rd/Larkin Valley Rd to Freedom Blvd	RTC 24r	Construct northbound auxiliary lane. [Note: This project was not included as part of Highway 1 CIP project (RTC 24a).]	\$8,800	\$8,800	\$0	0	0	5
<input type="checkbox"/> 95 - Hwy 1: Reconstruct Remaining Interchanges	RTC 24k	Interchange modifications not identified as separate projects (San Andreas Rd/Larkin Valley Rd, Freedom Blvd, Rio Del Mar Blvd, State Park Dr, and Park Ave) , including reconfiguration of ramps and local streets for ramp meters, enhanced pedestrian and bike treatments (such as buffered or painted facilities) in each direction and sufficient width to allow addition of HOV lanes. [Part of the Highway 1 CIP project (RTC 24a), but is listed here as a standalone project.]	\$127,200	\$0	\$127,200	5	5	5

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Uncon- strained			
<input type="checkbox"/> 96 - Hwy 1: Construction of HOV Lanes from San Andreas Rd/Larkin Valley Rd to Morrissey Blvd	RTC 24m	Construction of High Occupancy Vehicle (HOV or Carpool) Lanes on Highway 1 from San Andreas Rd/Larkin Valley Rd to Morrissey Blvd. Cost excludes auxiliary lanes, reconstruction of interchanges for ramp metering, over and under crossings, and traffic operation system (TOS) elements on the corridor. [These costs are listed separately (RTC 24 a,e,f,g,h,i,j, m,n,o,p,q,r). Could be expensed under a complete Hwy 1 HOV Lane project (RTC 24, \$603,000) but currently expensed as a standalone project.]	\$61,980	\$0	\$61,980	0	0	25
<input type="checkbox"/> 97 - Hwy 1: HOV Lanes from San Andreas Rd/Larkin Valley to Morrissey Blvd	RTC 24z	Construct HOV or Carpool lanes on Highway 1 from San Andreas Rd/Larkin Valley Rd to Morrissey Blvd, including auxiliary lanes, reconstruction of interchanges with enhanced bike and pedestrian facilities, arterial and ramp modifications to allow ramp metering, a new bike/ped crossing at Trevethan, and traffic operation system (TOS) element. [Cost if built in entirety: \$603,000. See stand alone projects (RTC24f,e,g,h,i,j,a,m) for cost of incremental implementation.] Caltrans Project ID 05-0C730	\$0	\$0	\$0	5	5	25
<input type="checkbox"/> 98 - Hwy 1: TSM Project from Morrissey to San Andreas Rd.	RTC 24s	Construct the TSM project alternative as described in the Tier 1 environmental study to establish a Highway 1 Corridor Investment Program. Project includes auxiliary lanes, modifications of interchanges with enhanced bike and pedestrian treatment, arterial and ramp modifications to allow ramp metering, a new bike/ped crossing at Trevethan, and traffic operation system (TOS) element. [Cost if built in entirety, rather than incrementally: \$249,100. Assumes RTC 24f has been completed.]	\$0	\$0	\$0	10	10	5
<input type="checkbox"/> Hwy 1 Ramp Metering: Northern Sections Between San Andreas Road and Morrissey Blvd	RTC 34	Reconfiguration of ramps and local streets to allow for ramp metering and installation of ramp meters. Could be expensed under a separate stand alone project (\$6.7 M)	\$0	\$0	\$0	0	0	0
<input type="checkbox"/> Hwy 1 Ramp Metering: Southern Sections	CT-P01	Reconfigurations of ramps and installation of ramp meters at interchanges from Hwy 129/Riverside Dr to Mar Monte Ave.	\$20,600	\$0	\$20,600	0	0	5
SCCRTC/Caltrans Total Cost			\$669,710	\$246,800	\$422,910			

SCMTD

<input type="checkbox"/> Account-based Electronic Fare Collection System	MTD 18	Account-based electronic fare collection system including the ability to use a variety of fare media including smart cards, mobile tickets on smartphones, contactless credit and debit cards, Google Pay and Apple Pay. Replacement of fareboxes at the end of useful life for cash acceptance onboard. Replacement Transit Fareboxes, Ticket Vending Machines or Retail Vendor Network.	\$2,250	\$2,250	\$0	0	0	100
<input type="checkbox"/> ADA Access Improvements	MTD-P51	Add or improve ADA accessibility to all bus stops and METRO facilities.	\$4,222	\$350	\$3,872	0	0	100

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Uncon- strained			
<input type="checkbox"/> ADA Paratransit Service - Continuation of Existing Service	MTD-P10C	Operation & maintenance cost of existing Paratransit service. Avg Annual Cost: \$6.5M.	\$162,500	\$162,500	\$0	0	0	100
<input type="checkbox"/> ADA Paratransit Vehicle Replacements	MTD 02	Replace buses/vans for ADA paratransit fleet (including Accessible Taxi program).	\$11,800	\$5,250	\$6,550	0	0	100
<input type="checkbox"/> ADA Service Expansion	MTD-P11	Add capacity to meet increased trip demand thru 2045. Assumes 2% increase/year starting in 2022.	\$4,040	\$0	\$4,040	0	0	100
<input type="checkbox"/> Bike Station at Capitola Mall	MTD-P23	Establish bike station at Capitola Mall, especially to serve UCSC. Would be joint mall, UCSC, METRO project.	\$1,030	\$0	\$1,030	60	0	40
<input type="checkbox"/> Bikes on Buses Expansion	MTD-P20	Add additional space for bikes on articulated buses when/if METRO purchases or leases 60-ft articulated buses.	\$60	\$0	\$60	75	0	25
<input type="checkbox"/> Bus on Shoulders Operations	MTD-P57	Operations and transit vehicles to utilize freeway shoulders and/or auxiliary lanes to bypass congestion on Highway 1 and possibly Highway 17 to speed inter-city bus service.	\$12,000	\$0	\$12,000	0	0	100
<input type="checkbox"/> Bus Rapid Transit	MTD-P15	Transit signal priority, queue jumps, and enhanced stations to speed up major cross-county trunk routes.	\$36,500	\$0	\$36,500	0	0	100
<input type="checkbox"/> Bus Rebuild and Maintenance	MTD-P31	Rebuild engines; Fleet maintenance equipment. Avg. cost is ~\$250k/bus, increases useful life up to 8 years at 40% of the cost of new buses.	\$6,000	\$6,000	\$0	0	0	100
<input type="checkbox"/> Bus Replacements	MTD-P04	Replace fleet at the end of normal bus lifetime (approximately every 12 years; \$700k each for CNG local fixed route; \$900k each for Hwy 17 Over the Road coaches); \$1.25M for ZEB.	\$131,100	\$67,200	\$63,900	0	0	100
<input type="checkbox"/> Bus Stop and Station Improvements	MTD-P52	Improve customer access and/or amenities at bus stops; add bus stop pads to preserve pavement.	\$500	\$500	\$0	0	0	100
<input type="checkbox"/> Commuter/Subscription Bus Program	MTD-P18	Capital and operating for subscription buses to areas not currently served by express buses (similar to large vanpool).	\$6,500	\$0	\$6,500	0	0	0
<input type="checkbox"/> Customer IT amenities	MTD-P55	Upgrade Hwy 17 Wi-Fi and expand to local routes	\$1,010	\$0	\$1,010	0	0	100
<input checked="" type="checkbox"/> Electric bus charging and storage at Judy K. Souza Operations Facility	MTD-P59	Charging stations, canopies, and battery storage for fleet of up to 100 buses	\$27,000	\$0	\$27,000	0	0	0
<input type="checkbox"/> Electric Non-Fleet Vehicles and Charging Infrastructure	MTD-P47	Replace non-revenue vehicles to EV. Install Level II chargers.	\$5,000	\$0	\$5,000	0	0	100

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Uncon- strained			
<input type="checkbox"/> EV Fast Charging Stations	MTD-P48	Install 5 electric vehicle charging stations at transit centers.	\$1,030	\$0	\$1,030	0	0	100
<input type="checkbox"/> Hwy 1 Express Buses	MTD-P27	Hwy 1 express bus replacements - 6 Buses. Replace every 12 years.	\$11,700	\$0	\$11,700	0	0	100
<input type="checkbox"/> Hwy 17 Express Service - Continuation of Baseline Service Levels	MTD-P10B	Operation & maintenance cost of existing Highway 17 Express bus service. Avg annual cost: \$5.3M.	\$132,500	\$132,500	\$0	0	0	100
<input type="checkbox"/> Hwy 17 Express Service Restoration and Expansion	MTD-P12	Restore Hwy 17 Express service to FY16 levels, then expand service 2% annually. Restore \$353K/yr operating plus 2% annually plus capital costs (2 buses)	\$12,650	\$5,050	\$7,600	0	0	100
<input type="checkbox"/> Inter-County Paratransit Connection	MTD-P44	Establish paratransit connection location with Santa Clara County.	\$1,300	\$0	\$1,300	0	0	100
<input type="checkbox"/> ITS Equipment: Automatic Passenger Counter System and Real Time Bus Arrival/Departure Displays	MTD 24	Install Automatic Passenger Counters on METRO buses. Provide real time bus arrival/departure displays at bus stops. Necessary IT upgrades and data collectionfor system operations, security, planning and maintenance.	\$1,600	\$1,600	\$0	0	0	100
<input type="checkbox"/> Local Transit - Continuation of Baseline Service Levels 2020-2045	MTD-P10	Operation & maintenance cost of existing local fixed route bus service. Avg annual cost: \$42.1M.	1,077,500	\$1,077,500	\$0	0	0	100
<input type="checkbox"/> Local Transit Service Restoration and Expansion	MTD-P14	Restore local service to FY16 levels, then expand service 2% annually. Restore \$7.0M/yr operating plus 2% annually plus capital costs (16 buses)	\$237,800	\$98,800	\$139,000	0	0	100
<input type="checkbox"/> Maintenance Facility Expansion	MTD-P38	Property acquisition, design, and construction of maintenance facility expansion.	\$15,850	\$0	\$15,850	0	0	100
<input type="checkbox"/> Metro facilities repair/upgrades	MTD-P36	Maintain and upgrade facilities.	\$6,270	\$4,300	\$1,970	0	0	100
<input type="checkbox"/> Metro rebranding	MTD-P58	Develop improved, mobile-friendly website, and marketing program to establish consistent brand with uniform signage, letterhead, ads.	\$500	\$0	\$500	0	0	100
<input type="checkbox"/> Microtransit Pilot Program	MTD-P43	Pilot project allowing smaller buses or vans to provide on-demand point-to-point trips in areas where all-day fixed-route service is not viable.	\$100	\$0	\$100	0	0	100
<input type="checkbox"/> Non-Revenue Vehicle Replacements	MTD-P32	Replace support vehicles.	\$3,000	\$1,000	\$2,000	0	0	100
<input type="checkbox"/> Pacific Station- Bike Station	MTD-P49	Establish bike station at Pacific Station.	\$410	\$0	\$410	60	0	40

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Uncon- strained			
<input type="checkbox"/> ParaCruz Mobile Data Terminals; Radios	MTD-P30	Replace mobile data terminals in vehicles	\$760	\$400	\$360	0	0	100
<input type="checkbox"/> ParaCruz Operating Facility	MTD-P28	Design, Right-of-Way and construction for new ParaCruz Operating Facility.	\$12,400	\$12,400	\$0	0	0	100
<input type="checkbox"/> Park and Ride Facilities	MTD-P53	Fund purchase and construction or lease of parking areas for commuter bus patrons, either surface lot or parking structure.	\$29,400	\$0	\$29,400	0	0	50
<input type="checkbox"/> Real-Time Transit Info	MTD-P60	Develop and maintain system for disseminating real time transit arrival and departure information to Santa Cruz Metro users. To be developed in coordination with Santa Cruz Metro.	\$520	\$220	\$300	0	0	100
<input type="checkbox"/> Replacement of Watsonville Transit Center	MTD-P56	Replacement transit center at existing or new location.	\$25,000	\$0	\$25,000	0	0	100
<input type="checkbox"/> Santa Cruz Metro Center/Pacific Station Renovation	MTD 13	Renovate Pacific Station or construct new transit center in alternate location as part of development partnership with the City of Santa Cruz.	\$25,000	\$10,000	\$15,000	0	0	100
<input type="checkbox"/> Senior/Disabled/Low-Income Fixed-Route Transit Incentives	MTD-P42	Incentives to encourage fixed-route bus ridership. Includes existing discounts for Seniors and persons with disabilities. May include free/reduced rates for seniors during off-peak hours, free bus passes to ADA eligible persons, bus pass subsidies for low income riders transportation to employment, and other incentives to encourage use of fixed-route system.	\$19,500	\$0	\$19,500	0	0	100
<input type="checkbox"/> Signal Priority/Pre-Emption for Buses	MTD-P21	Enable coach operators to actuate traffic signals to prolong green or change red lights to improve transit running time.	\$2,070	\$0	\$2,070	0	0	100
<input type="checkbox"/> Small Bus Fleet	MTD-P24	Purchase smaller shuttle buses, possibly autonomous, for first mile/last mile connections. Cost currently unknown.	\$1,700	\$0	\$1,700	0	0	100
<input type="checkbox"/> Solar Panels for Souza Operations Facility	MTD-P29	Energy reduction through installation of solar panels on the Judy K. Souza Operations Facility	\$2,000	\$0	\$2,000	0	0	100
<input type="checkbox"/> South County Operations and Maintenance Facility	MTD-P54	Acquisition of property and construction of second operations and maintenance facilities to better serve South County.	\$50,000	\$0	\$50,000	0	0	100
<input type="checkbox"/> Transit Mobility Training Program Expansion	MTD-P19	Expand public outreach and training to encourage fixed route, rather than Paratransit, use. Outreach may also involve other partners (ex. DMV, doctors, senior centers, etc). Avg annual cost: \$80K/yr.	\$2,000	\$2,000	\$0	0	0	100
<input type="checkbox"/> Transit Security and Surveillance Systems	MTD-P33	Enhance passenger safety and facilities security. Emergency response systems.	\$1,140	\$0	\$1,140	0	0	100

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			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Uncon- strained			
<input type="checkbox"/> Transit System Technology Improvements	MTD-P35	Hardware and software for essential transit operations and administration: computer servers, networking equipment, telephones, personal computers, digital ID processing equipment, office equipment, and software. Periodic replacement at end of useful life.	\$5,000	\$0	\$5,000	0	0	100
<input type="checkbox"/> Transit Technological Improvements	MTD-P06	IT software and hardware upgrades for scheduling, customer service, planning systems. Upgrades every 5 years.	\$5,170	\$2,500	\$2,670	0	0	40
<input type="checkbox"/> Transit/Paratransit Driver Emergency Training	MTD-P45	Provide training equipment for drivers on new mobility devices (scooters, motorized wheelchairs) plus emergency training and biohazard container and clean-up kits for vehicles.	\$295	\$0	\$295	0	0	100
SCMTD Total Cost			\$2,095,677	\$1,592,320	\$503,357			

Seniors Council

<input type="checkbox"/> Senior Employment Ride Reimbursement	RTC-P43	Reimburse low income seniors for transit expenses to/from employer sites.	\$1,600	\$1,600	\$0	0	0	100
Seniors Council Total Cost			\$1,600	\$1,600	\$0			

UCSC

<input type="checkbox"/> Alternative Fuel Fleet Vehicles	UC-P64	Purchase and upgrade fleet vehicles to alt. fueled vehicles (refuse trucks, street sweepers, fleet cars, etc.)	\$3,100	\$500	\$2,600	0	0	100
<input type="checkbox"/> Alternative Fuel/Electric Shuttle Vehicles	UC-P22	Capital acquisition of vehicles/conversion of shuttles to EV.	\$10,330	\$0	\$10,330	0	0	100
<input type="checkbox"/> Bike Shuttle Vehicle Acquisition	UC-P51	Acquire more alt fueled vehicles for bike shuttle (and possible expansion).	\$520	\$0	\$520	75	0	25
<input type="checkbox"/> Bus Tracking and AVL Transit Programs	UC-P62	GPS bus tracking and Automatic Vehicle Locator programs inform travelling population of transit locations so they can make informed mode choices.	\$260	\$260	\$0	0	0	40
<input type="checkbox"/> College Nine/Communications Pedestrian Bridge	UC-P39	Construct pedestrian bridge.	\$1,030	\$0	\$1,030	0	100	0
<input type="checkbox"/> College Nine/Crown College Pedestrian Bridge	UC-P37	Construct pedestrian bridge.	\$1,550	\$0	\$1,550	0	100	0

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Uncon- strained			
<input type="checkbox"/> Coolidge Overlook	UC-P42	Improve overlook for parking, benches and signage for Sanctuary.	\$620	\$0	\$620	0	0	0
<input type="checkbox"/> Disability Van Service	UC-P75	Operate disability van service	\$6,250	\$6,250	\$0	0	0	100
<input type="checkbox"/> East Collector Transit Hub	UC-P46	New transit hub at East Collector (East Remote) lot.	\$5,170	\$0	\$5,170	0	0	100
<input type="checkbox"/> Electric Vehicle Charging Stations	UC-P65	Add additional electrical infrastructure and install electric vehicle charging stations around campus.	\$810	\$0	\$810	0	0	0
<input type="checkbox"/> Hagar/McLaughlin Intersection Improvements	UC-P10	Signal, pedestrian safety improvements(including new crosswalk) and roadway improvements.	\$520	\$0	\$520	5	10	0
<input type="checkbox"/> Hagar/Steinhart Intersection Improvements	UC-P14	Signal, pedestrian safety improvements, transit, roadway improvements.	\$1,030	\$0	\$1,030	5	10	0
<input type="checkbox"/> Hagar-Coolidge Connector Road/Hagar/East Remote Intersection Improvements	UC-P47	New roadway connector, including bicycle lanes, between Hagar Drive and Coolidge, plus Hagar/East Remote Intersection Improvements: signal, pedestrian safety improvements and roadway improvements.	\$3,100	\$0	\$3,100	5	5	30
<input type="checkbox"/> Heller Drive Bicycle Lanes (Empire Grade to Porter College)	UC-P56	Add Class II bicycle lanes in downhill direction as feasible.	\$830	\$0	\$830	100	0	0
<input type="checkbox"/> Kerr/Porter Rd Pedestrian Bridge ADA Upgrades	UC-P72	Modify bridge to improve access.	\$3,100	\$0	\$3,100	0	100	0
<input type="checkbox"/> McLaughlin Drive Bike Lanes/Pedestrian Enhancements	UC-P30	Install Class 2 bike lanes and enhance pedestrian circulation on University campus roadway.	\$2,580	\$0	\$2,580	100	0	0
<input type="checkbox"/> Meyer Drive Extension	UC-P04	Extension of Meyer Drive from existing Meyer Drive to Hagar Drive. Includes potential construction of two bridges, pedestrian, and bicycle facilities.	\$20,660	\$0	\$20,660	10	10	40
<input checked="" type="checkbox"/> Multimodal Hub Planning Study	UC-P77	Study to propose concept for development of various types of multi-modal hubs for main campus and satellite facilities to include transit, parking, bike, pedestrian and other mobility options to meet future needs.	\$750	\$0	\$750	0	0	0
<input type="checkbox"/> Northern Entrance	UC-P08	Construct new access road including Cave Gulch Bridge to Empire Grade and road and bicycle lanes to Northern Heller Dr. for access and fire safety.	\$10,330	\$0	\$10,330	5	0	0
<input type="checkbox"/> Northern Loop Roadway	UC-P07	Construct new roadway, including bicycle lanes, on upper campus. Will be phased. Phase I: Chinquapin Extension to support Social Science 3.	\$18,590	\$0	\$18,590	10	10	10

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			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Uncon- strained			
<input type="checkbox"/> Parking Management Technology Improvements	UC-P68	Updating existing parking management technologies to allow for more effective management.	\$410	\$410	\$0	0	0	0
<input type="checkbox"/> Pedestrian Directional Map/Wayfinding System	UC-P38	Develop and install signs throughout campus.	\$520	\$520	\$0	0	100	0
<input type="checkbox"/> Porter/Performing Arts Pedestrian Bridge	UC-P36	Construct pedestrian bridge.	\$1,030	\$0	\$1,030	0	100	0
<input type="checkbox"/> Science Hill/North Academic Core Pedestrian Bridge	UC-P40	Construct pedestrian bridge.	\$1,030	\$0	\$1,030	0	100	0
<input type="checkbox"/> Sidewalk/Pedestrian Improvements	UC-P50	Widen sidewalks/improve ped access in areas of campus.	\$5,170	\$0	\$5,170	0	100	0
<input type="checkbox"/> Spring Street Bikeway	UC-P34	Construct bikeway connecting Spring Street to Hagar Ct.	\$310	\$0	\$310	100	0	0
<input type="checkbox"/> Steinhart Way Multimodal Improvements	UC-P03	Roadway improvements for shuttles, bikes and pedestrians.	\$2,500	\$0	\$2,500	25	25	25
<input type="checkbox"/> Transit Pullouts and Shelters Enhancements	UC-P19	Construction and installation of transit pullouts and reconstruction of shelters throughout campus.	\$1,550	\$0	\$1,550	0	0	100
<input type="checkbox"/> Transit Vehicles (ongoing)	UC-P23	Ongoing capital acquisition of transit vehicles for on-campus transit and University shuttles.	\$5,875	\$5,875	\$0	0	0	100
<input type="checkbox"/> Transportation-Related Stormwater Management Projects	UC-P66	Retrofitting existing transportation facilities and developing new facilities with new stormwater management techniques.	\$1,030	\$1,030	\$0	0	0	0
<input type="checkbox"/> Traveler Safety Education/Information Programs	UC-P61	Bike/pedestrian safety programs; light and helmet giveaways, safety classes, distracted driver programs, bus etiquette program.	\$660	\$100	\$560	50	50	0
<input type="checkbox"/> UCSC - Metro Station Bus Rapid Transit Improvements	UC-P48	Bus Rapid Transit Improvements between Metro Station, Bay Street Corridor, and UCSC Roadways.	\$5,170	\$0	\$5,170	0	0	100
<input type="checkbox"/> UCSC Bicycle Facilities	UC-P55	Add bicycle facilities on campus roadways and paths. Lump sum of projects, including but not limited to UCSC Bicycle Plan that are not listed individually elsewhere in the RTP.	\$1,030	\$0	\$1,030	100	0	0
<input type="checkbox"/> UCSC Bicycle Parking Improvements	UC-P33	Install bicycle parking facilities to serve bicycle commuters to the University.	\$520	\$520	\$0	100	0	0
<input type="checkbox"/> UCSC Bike Loan Program	UC-P52	Develop and implement a bike loan program for UC students.	\$1,030	\$0	\$1,030	100	0	0

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			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Uncon- strained			
<input type="checkbox"/> UCSC Bike Showers/Storage Lockers	UC-P32	Install showers and storage facilities to serve bicycle commuters to the University.	\$620	\$0	\$620	100	0	0
<input checked="" type="checkbox"/> UCSC Campus Transit EV Bus Charging and Parking Yard	UC-P76	Development of a new Electric bus Charging and Parking Yard and development of new electrical infrastructure for EVSE for campus transit fleet.	\$10,000	\$0	\$10,000	0	0	100
<input type="checkbox"/> UCSC Commute Counseling Program	UC-P69	Staffing program development to individually market to UCSC affiliates on more sustainable means of travel to campus.	\$3,100	\$3,100	\$0	0	0	0
<input type="checkbox"/> UCSC Commuter Incentive Programs	UC-P70	Provide ongoing support and development of new programs to encourage travel to campus via sustainable modes of travel.	\$1,750	\$1,750	\$0	0	0	0
<input type="checkbox"/> UCSC Lump Sum Roadway Maintenance	UC-P59	Repaving and rehabilitation of roadways on UCSC campus to maintain existing network.	\$10,000	\$2,275	\$7,725	0	0	0
<input type="checkbox"/> UCSC Main Entrance Improvements	UC-P01	Realign roadway, transit pullout/shelter, relocate bike parking, construct pedestrian path, historic resource analysis. Work may be done in conjunction with City Roundabout project.	\$2,070	\$2,070	\$0	20	20	30
<input type="checkbox"/> UCSC Parking Operations & Maintenance	UC-P73	Operate and administer the parking operations for UCSC including planning, TDM, marketing and debt service.	\$80,000	\$80,000	\$0	6	4	0
<input type="checkbox"/> UCSC Traffic Control	UC-P58	Non-traditional traffic control/crossing guard program at key intersections on UCSC campus to improve pedestrian and vehicle safety, reduce conflicts, improve travel times.	\$2,580	\$2,580	\$0	0	50	0
<input type="checkbox"/> UCSC Transit Service	UC-P74	Operate the on-campus shuttle service	\$77,750	\$77,750	\$0	0	0	100
<input type="checkbox"/> UCSC Vanpool Program	UC-P63	Maintain, operate and expand upon UCSC vanpool program.	\$9,863	\$9,863	\$0	0	0	0
<input type="checkbox"/> Zimride Emergency Preparedness Database	UC-P67	Creating a new database through Zimride to have emergency response evacuation of UCSC campus.	\$310	\$0	\$310	0	0	0
UCSC Total Cost			\$317,008	\$194,853	\$122,155			

Various Agencies

<input type="checkbox"/> Active Transportation Plan	VAR-P39	Prepare Active Transportation Plans that address bicycle, pedestrian, safe routes to schools and complete streets facilities within the jurisdictions of Santa Cruz County as well as the Santa Cruz Harbor Port District.	\$2,380	\$2,380	\$0	0	0	0
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Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Uncon- strained			
<input type="checkbox"/> Bicycle Sharrows	VAR-P03	Install sharrows (shared roadway marking) designating areas where bicyclists should ride on streets, especially when bicycle lanes are not available. To be implemented by local jurisdictions.	\$520	\$520	\$0	100	0	0
<input type="checkbox"/> Bicycle Treatments for intersection improvements (ADD)	VAR-P32	Add painted bike treatments (such as buffered and/or painted bike lanes, bike boxes, bike detection and signals), at major intersections.	\$4,130	\$4,130	\$0	100	0	0
<input type="checkbox"/> Bike Share	VAR-P16	Establish and maintain an urban centered bike share program allowing county residents to access loaner bikes at key locations such as downtowns, transit centers, shopping districts, and tourist destinations.	\$5,170	\$5,170	\$0	100	0	0
<input type="checkbox"/> Bike-Activated Traffic Signal Program	VAR-P05	Provide traffic signal equipment to ensure that the traffic signals will detect bicycles just as cars are detected and ensure that the appropriate traffic signal phase is activated by the bicycles.	\$1,030	\$1,030	\$0	100	0	0
<input type="checkbox"/> Cabrillo College TDM Programs	RTC 33	Provide students and employees at all four Cabrillo College campuses with education, promotion, and incentives that support the use of sustainable transportation modes. Develop information, programs and services customized to meet the transportation needs of the Cabrillo College community. 'Provide Sustainable Transportation education, promotion, and Go Green program enrollment to Cabrillo College students and employees. Partner with Cabrillo staff and students to reduce SOV trips to the Aptos, Watsonville and Scotts Valley campuses. Provided targeted information and services to Cabrillo members.	\$1,780	\$890	\$890	0	0	0
<input type="checkbox"/> Carsharing Program	VAR-P06	Program to assist people in sharing a vehicle for occasional use. Implementing Agency TBD, varies.	\$2,940	\$1,470	\$1,470	0	0	0
<input type="checkbox"/> Climate Action Transportation Programs	RTC-P48	Projects that reduce greenhouse gas emissions through reducing vehicle trips and vehicle miles traveled, increasing fuel efficiency and expanding use of alternatively fueled vehicles. Includes comprehensive outreach and education campaigns, a countywide emergency ride home for those using alternatives, and TDM incentive programs: \$100k/year.	\$2,580	\$2,330	\$250	0	0	0
<input type="checkbox"/> Complete Streets Area Plans	VAR-P28	Detailed complete street circulation and design plans, including consideration of multimodal green travelways, for areas identified for intensified development in Sustainable Communities Strategy.	\$2,000	\$400	\$1,600	0	0	0
<input type="checkbox"/> Complete Streets Implementation	VAR-P27	Additional projects for complete streets implementation that would fall under the Complete Streets Guidelines.	\$20,000	\$20,000	\$0	40	40	20
<input type="checkbox"/> Coolidge Drive Reconstruction	VAR-P23	Reconstruction of roadway and bike lane.	\$3,100	\$0	\$3,100	0	0	0

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Uncon- strained			
<input type="checkbox"/> Countywide Pedestrian Signal Upgrades	RTC-P26	Grant program to fund installation of accessible pedestrian equipment with locator tones including rapid flashing beacons and count down times etc. to facilitate roadway crossings by visually and mobility impaired persons.	\$2,070	\$1,035	\$1,035	0	0	100
<input type="checkbox"/> Countywide Senior Driving Training	VAR-P24	Coordinate and enhance current programs that help maturing drivers maintain their driving skills and provides transitional info about driving alternatives. (Current programs are run by AARP and CHP.)	\$910	\$90	\$820	0	0	0
<input type="checkbox"/> Eco-Tourism - Sustainable Transportation	VAR-P17	Provide sustainable transportation information, incentives and promotions to the estimated one million visitors to Santa Cruz County. Work with the Santa Cruz County Conference and Visitors Council, local lodgings, and tourist attractions.	\$1,030	\$515	\$515	0	0	0
<input type="checkbox"/> Electric Bicycle Commuter Incentive Program	VAR-P44	Financial incentives, promotion and/or education to encourage residents to use electric bikes instead of commuting by car.	\$3,870	\$1,140	\$2,730	100	0	0
<input type="checkbox"/> Environmental Mitigation Program	VAR-P38	Allocate funds to protect, preserve, and restore native habitat that construction of transportation projects listed in SCCRTC's RTP could potentially impact. EMP funds will be for uses such as, but not limited to, purchasing land prior to project development to bank for future mitigation needs, funding habitat improvements in advance of project development to leverage and enhance investments by partner agencies.	\$5,680	\$5,680	\$0	0	0	0
<input type="checkbox"/> Hwy 1 Bike/Ped Bridge (Cabrillo-New Brighton)	CT-P07a	Construction of bike/ped bridge connecting New Brighton State Beach and Cabrillo College as part of larger Nisene SP to the Sea trail concept. Lead agency TBD.	\$14,000	\$0	\$14,000	50	50	0
<input type="checkbox"/> Hwy 9 - Downtown Felton Bike Lanes & Sidewalks (San Lorenzo Valley Trail)	CO-P46a	Install sidewalks and bicycle lanes on Hwy 9 through downtown Felton.	\$3,500	\$3,500	\$0	30	70	0
<input type="checkbox"/> Hwy 9 - North Felton Bike Lanes & Sidewalks (San Lorenzo Valley Trail)	CO-P46b	Install sidewalk/pedestrian path on west side, shoulder widening to 5' for bicycle lanes from SLV High School in Felton to Glen Arbor Road in Ben Lomond, including frontage of SLV elementary, middle and high schools. Includes new and replacement bike/ped bridges. (GH-SLVHS=Project #CT09)	\$10,000	\$10,000	\$0	30	70	0
<input type="checkbox"/> Live Oak Transit Hub	VAR-P46	Transfer node near rail corridor at 17th Ave - may include transit, rideshare, bicycle, bikeshare, pedestrian to provide regional connections to/from other parts of the county.	\$530	\$530	\$0	4	3	93
<input type="checkbox"/> Local Arterial ITS Infrastructure	VAR-P11	ITS (Intelligent Transportation Systems): advanced electronics and information technologies to increase the safety and efficiency of the surface transportation system, including vehicle detection devices along major arterials in urbanized areas to alert motorists of incidents.	\$620	\$0	\$620	0	0	0

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Uncon- strained			
<input type="checkbox"/> Lump Sum Bridge Preservation	VAR-P14	Painting, Barrier Rail Replacement, Low Water Crossing, Rehab, and Replacement bridges for SHOPP and Highway Bridge Program (HBP).	\$100,000	\$100,000	\$0	0	0	0
<input type="checkbox"/> Lump Sum Emergency Response Local Roads	VAR-P13	Lump sum for repair of local roads damaged in emergency. (Based on average ER/FEMA/CalEMA funds, storm damage, fire, etc. Costs of repairs assumed under lump sum maintenance and operations within local jurisdiction listings.)	\$240,000	\$240,000	\$0	0	0	0
<input type="checkbox"/> Mission St/Hwy 1 Bike/Truck Safety Campaign	VAR-P18	Partnership with road safety shareholders including Caltrans, UCSC, City of Santa Cruz, Ecology Action, trucking companies and others to improve bike/truck safety along the Mission Street corridor. Provide safety presentations, videos, brochures, safety equipment, etc.	\$520	\$520	\$0	60	25	0
<input type="checkbox"/> Mobility Management Center	VAR-P04	Centralized one-stop-shop for information and resources on specialized transportation options. May be combined with 511 and local senior information and assistance efforts. Implementing agency TBD. Est. annual cost: \$100-300k/yr.	\$7,750	\$0	\$7,750	0	0	75
<input type="checkbox"/> Neighborhood Greenways	VAR-P33	Implement greenways which gives priority to bicycles and pedestrians on low volume, low speed streets including, way finding and pavement markings, bicycle treatments in areas identified for more intensified development in Sustainable Communities Strategy.	\$5,170	\$0	\$5,170	50	50	0
<input checked="" type="checkbox"/> On-Demand Wheelchair Accessible Vehicle Program	VAR-P48	TNC Access for All Program to implement SB1376 (Hill: 2018) which directed the CPUC to establish a program relating to accessibility of on-demand transportation services for persons with disabilities, including wheelchair users who need a wheelchair accessible vehicle (WAV), to be funded in-part by Transportation Network Companies (e.g. Lyft/Uber) that do not have WAV fleet. [constrained reflects CPUC forecasted funds=\$60k/yr]	\$4,500	\$1,500	\$3,000	0	0	100
<input type="checkbox"/> Park and Ride Lot Development	VAR-P26	Upgrade and maintain existing park and ride lots for commuters countywide. Secure additional park and ride lot spaces for motorized vehicles and bicycles. Long range plan: identify, purchase land, construct Park & Ride lots.	\$9,100	\$3,100	\$6,000	0	0	25
<input type="checkbox"/> Planning for Transit Oriented Development for Seniors	VAR-P25	Evaluate opportunities for Transit Oriented Development serving seniors including access to medical facilities.	\$80	\$80	\$0	0	0	0
<input type="checkbox"/> Plug-in Electric Vehicle Access, Education & Promotion	VAR-P21	Target motorist looking for a cleaner vehicle by providing access, education and promotion on ever evolving plug-in electric vehicles (PEV). Provide PEV car share, rental and demo drives, educational workshops, online, and hard copy information. Promote through current EA groups, partners, media and other available sources.	\$830	\$0	\$830	0	0	0

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Uncon- strained			
<input type="checkbox"/> Public Transit Marketing	VAR-P20	Initiatives that increase public transit ridership including discount passes, free fare days, commuter clubs, and promotional and marketing campaigns.	\$1,550	\$775	\$775	0	0	0
<input type="checkbox"/> Public/Private Partnership Bicycle and Pedestrian Connection Plan	VAR-P29	Develop model for assisting local jurisdictions in working with private property owners to allow bicycle and pedestrian access through private property in areas identified for more intensified development in Sustainable Communities Strategy.	\$150	\$150	\$0	50	50	0
<input type="checkbox"/> Public/Private Partnership Transit Stops and Pull Outs Plan	VAR-P30	Develop model for assisting local jurisdictions in working with businesses to install transit pullouts and shelters on property in areas identified as high quality transit corridors in Sustainable Communities Strategy.	\$150	\$150	\$0	0	0	100
<input type="checkbox"/> Safe Paths of Travel	VAR-P08	Regional program to construct and/or repair pedestrian facilities adjacent to high frequency use origins and destinations, particularly near transit stops.	\$3,100	\$3,100	\$0	0	100	0
<input type="checkbox"/> Safe Routes to Schools Studies	VAR-P10	Studies to assess pedestrian and bicycle safety near schools.	\$210	\$210	\$0	50	50	0
<input type="checkbox"/> Safety Plan	VAR-P36	Develop a safety plan that addresses traffic related injuries and fatalities for all modes of transportation.	\$310	\$310	\$0	0	0	0
<input type="checkbox"/> School Complete Streets Projects	VAR-P35	Implement ped/bike programs and facilities near schools.	\$10,330	\$10,330	\$0	50	50	0
<input type="checkbox"/> School Safety Programs	VAR-P19	Bicycle and walking safety education and encouragement programs targeting K-12 schools in Santa Cruz County including Ecology Action's Safe Routes to School and Bike Smart programs. Provide classroom and on the bike safety training in an age appropriate method. Provide a variety of bicycle, walking, biking and carpooling encouragement projects ranging from bike to school events, to incentive driven tracking, and educational support activities. Est. annual cost \$150k.	\$3,820	\$1,910	\$1,910	40	60	0
<input type="checkbox"/> School-Based Mobility/TDM Programs	RTC-P54	Student transportation programs aimed at improving health and well being, transportation safety and sustainability and that facilitate mode shift from driving alone in a motor vehicle to active and group transportation.	\$3,025	\$1,150	\$1,875	0	0	0
<input type="checkbox"/> TDM Individualized Employer/Multiunit Housing Program	RTC-P53	Implement individualized employer and multiunit housing TDM programs with incentives for existing development.	\$4,650	\$2,325	\$2,325	0	0	0
<input type="checkbox"/> Transit Oriented Development Grant Program	RTC-P25	Smart growth grant program to fund TODs that encourage land use and transportation system coordination. May include joint child care/PNR/transit centers.	\$5,170	\$2,570	\$2,600	0	0	100
<input type="checkbox"/> Transit Priority	VAR-P34	Install transit queues at major intersections.	\$5,170	\$2,585	\$2,585	0	0	100

Project Title	ID	Project Description/Scope	Costs in 2020 dollars.			% Project Cost By Active Mode		
			Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Unconstrained			
<input type="checkbox"/> Transit Service to San Jose Airport	VAR-P43	Provide transit service to San Jose airport from Santa Cruz. Current average annual need \$0.5M	\$11,000	\$0	\$11,000	0	0	100
<input type="checkbox"/> Transportation Demand Management Plan	VAR-P37	Collaborate with other organizations to develop a coordinated plan for transportation demand management program implementation for Santa Cruz County.	\$310	\$310	\$0	0	0	0
<input type="checkbox"/> Transportation for Caregivers of Seniors/People with Disabilities	VAR-P42	Transportation service for caregivers of seniors or people with disabilities. Including, but not limited to programs such as, volunteer rides, taxi script, ride to work program. Current avg annual need \$.5M. Constrained=\$0M.	\$11	\$0	\$11	0	0	100
<input type="checkbox"/> Transportation for Low Income Youth	VAR-P15	Safe, reliable transportation services for foster care children to/from school. Avg annual cost: \$100k/yr.	\$2,580	\$0	\$2,580	0	0	100
<input type="checkbox"/> Transportation for Low-Income Families	VAR-P41	Transportation service for low income families with children. Includes medical service rides, out-of-county rides, volunteer rides, taxi script, ride to work program, etc. Current avg annual need \$.5M. Constrained=\$0M.	\$11,000	\$0	\$11,000	0	0	100
<input type="checkbox"/> Transportation System Electrification	VAR-P07	Partnership with local gov't agencies, electric vehicle manufactures, businesses, and Ecology Action to establish electric vehicle charging stations for EV's, plug-in hybrids, NEV's, as well as ebikes and escooters. Work with manufacturers on developing advanced electric vehicles and educating the public regarding the ease of use and benefits of electric vehicles.	\$51,650	\$51,650	\$0	0	0	0
<input type="checkbox"/> Uncontrolled Pedestrian Crossing Improvements	VAR-P31	Implement improvements to uncontrolled pedestrian crossing such as painted and/or raised crosswalks, flashing beacons and pedestrian islands.	\$5,170	\$2,570	\$2,600	0	100	0
<input type="checkbox"/> Watsonville Transit Hub	VAR-P47	Expand transportation mode options at transfer node near rail corridor and current transit center to increase use of transit, rideshare, bicycle, bikeshare, pedestrian to provide regional connections to/from other parts of the county.	\$585	\$585	\$0	4	2	90
<input type="checkbox"/> West Side Transit Hub	VAR-P45	Transfer node near rail corridor at Natural Bridges Dr - may include transit, rideshare, bicycle, bikeshare, pedestrian to provide regional connections to/from other parts of the county and the university.	\$580	\$580	\$0	4	2	90
Various Agencies Total Cost			\$576,311	\$487,270	\$89,041			

Volunteer Center

<input type="checkbox"/> Volunteer Center Transportation Program	VC-P1	Program providing specialized transportation to seniors and people with disabilities. Constrained=existing TDA allocations.	\$3,750	\$1,640	\$2,110	0	0	0
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Costs in 2020 dollars.						% Project Cost By Active Mode		
Project Title	ID	Project Description/Scope	Project Costs 2020 - 2045			Bike	Ped	Transit
			Est Cost \$1,000's	Revenue Constrained	Unconstrained			
Volunteer Center Total Cost			\$3,750	\$1,640	\$2,110			
Watsonville Airport								
<input type="checkbox"/> Lump Sum Watsonville Municipal Airport Capital Projects	AIR-P01	Projects from the Watsonville Airport Capital Improvement Program. Includes new hangers, reconstruction of aviation apron, security features, runway rehabilitation and extensions and surface improvements, taxiway construction and maintenance, and signage.	\$37,000	\$27,000	\$10,000	0	0	0
<input type="checkbox"/> Watsonville Municipal Airport Operations	AIR-P02	Ongoing operations/maintenance. Average \$2M/year.	\$49,925	\$49,925	\$0	0	0	0
Watsonville Airport Total Cost			\$86,925	\$76,925	\$10,000			
Funds Needed Through 2045						\$9,301,579		
Total Within Projected Funds (Constrained)						\$5,015,258		
Minimum New Funds Needed (Unconstrained)						\$4,286,321		

2045 Santa Cruz County Regional Transportation Plan

Goals, Targets and Policies

RTC approved 02/06/2020

➤ **GOAL 1. Establish livable communities that improve people's access to jobs, schools, recreation, healthy lifestyles and other regular needs in ways that improve health, reduce pollution and retain money in the local economy.**

There is a strong relationship between meeting targets and achieving access, health, economic benefit, climate and energy goals. In many cases actions to achieve one goal or target will assist in achieving other goals and targets. For example, providing more carpool, transit and bicycle trips reduces fuel consumption, retains money in the local Santa Cruz County economy and reduces congestion.

TARGETS:

1.A Improve people's ability to meet most of their daily needs without having to drive. Improve access and proximity to employment centers.

1.A.1. Increase the length of urban bikeway miles relative to total urban arterial and collector roadway miles to 85 percent by 2030 and to 100 percent by 2045¹.

1.A.2. Increase the transit vehicle revenue miles by 8 percent by 2030 and 20 percent by 2045 (compared to 2020).

1.B Re-invest in the local economy by reducing transportation expenses from vehicle ownership, operation and fuel consumption. Reduce smog-forming pollutants and greenhouse gas emissions.

1.B.1. Reduce per capita vehicle miles traveled by 4 percent by 2030 and by 10 percent by 2045 (compared to 2005).

1.B.2. Reduce per capita greenhouse gas emissions by 50 percent by 2030 and by 78 percent by 2045 and total greenhouse gas emissions from transportation by 40 percent by 2030 and 70 percent by 2045² (compared to 2005) through electric vehicle use, clean fuels, and other emerging technologies, reduction in vehicle miles traveled and improved speed consistency.

1.B.3. Re-invest in the local economy \$8.5 million/year by 2030 and \$14 million/year by 2045 (compared to 2005) from savings resulting from lower fuel consumption due to a reduction in vehicle miles traveled.³

1.C Improve the convenience and quality of trips, especially for walk, bicycle, transit, freight and carpool/vanpool trips.

¹ The 2018 percentage of urban bikeway miles to urban arterials and collectors is 70 percent.

² This target is based on the California Executive Order B-16-12 - reduce greenhouse gas emissions from transportation by 80 percent below 1990 levels by 2050, and California Executive Order B-30-15 - reduce greenhouse gas emissions by 40 percent below 1990 levels by 2030.

³ 10 million per year equates to \$100 per household per year. Assumes \$4 per gallon.

1.C.1. Improve percentage of reliable⁴ person miles traveled by 3 percent by 2030 and by 8 percent by 2045 (compared to 2020).

1.C.2. Improve multimodal network quality for walk and bicycle trips to and within key destinations by increasing the percentage of buffered/separated bicycle and multiuse facilities to 42 percent of bikeway miles by 2030 and to 64 percent by 2045⁵.

1.D Improve health and reduce greenhouse gas emissions by increasing the percentage of trips made using active transportation options, including bicycling, walking and transit.

1.D.1. Decrease single occupancy commute trip mode share by 6.5 percent by 2030 and by 10 percent by 2045 (compared to 2020).

1.D.2. Increase the number of active commute trips to 16 percent of total commute trips by 2030 and to 24 percent of total commute trips by 2045.⁶

POLICIES:

- 1.1 *Transportation Demand Management (TDM):* Expand demand management programs that decrease the number of vehicle miles traveled and result in mode shift.
- 1.2 *Transportation System Management:* Implement Transportation System Management programs and projects on major roadways across Santa Cruz County that increases the efficiency of the existing transportation system.
- 1.3 *Transportation Infrastructure:* Improve multimodal access to and within key destinations⁷ for all ages and abilities.
- 1.4 *Transportation Infrastructure:* Ensure network connectivity by closing gaps in the bicycle, pedestrian and transit networks.
- 1.5 *Transportation Infrastructure:* Develop dedicated transit facilities that will improve transit access and travel time and promote smart growth and transit oriented development.
- 1.6 *Land Use:* Support land use decisions that locate new facilities close to existing services, particularly those that serve transportation disadvantaged populations.
- 1.7 *Goods Movement:* Enhance local economic activity through improving freight mobility, reliability, efficiency, and competitiveness.

⁴ Travel time reliability measures the consistency or dependability in travel times, as measured from day-to-day.

⁵ 2018 buffered/separated bike lanes is 21 percent of the total bikeway length.

⁶ The active transportation commute trip mode share for Santa Cruz County estimated from the 2013-2017 American Community Survey is 11% (4.5% walk, 3.7% bike and 2.8% transit). The targets are to increase the total active transportation mode share to 16% by 2030 (6.3% Walk, 5.7% bike and 3.9% transit) and increase the active transportation mode share to 24% by 2045 (9.5% Walk, 8.7% bike and 5.9% transit).

⁷ Key destinations for Santa Cruz County residents may include employment and commercial centers, schools, healthcare, coastal access, and parks.

➤ **GOAL 2. Reduce transportation related fatalities and injuries for all transportation modes.**

Safety is a fundamental outcome from transportation system investments and operations. Across the United States, pedestrians and bicyclists (vulnerable users) are killed and injured at a significantly higher rate than the percentage of trips they take.

TARGETS:

2.A Improve transportation safety, especially for the most vulnerable users.

2.A.1. Vision Zero: Eliminate traffic fatalities and serious injuries by 2045 for all modes. By 2030, reduce fatal and serious injuries by 50 percent (compared to 2020).

POLICIES:

- 2.1 *Safety*: Prioritize funding for safety projects and programs that will reduce fatal or injury collisions.
- 2.2 *Safety*: Encourage projects that improve safety for youth, vulnerable users, and transportation disadvantaged.
- 2.3 *Emergency Services*: Support projects that provide access to emergency services.
- 2.4 *System Design*: Reduce the potential for conflict between bicyclists, pedestrians and vehicles.
- 2.5 *Security*: Incorporate transportation system security and emergency preparedness into transportation planning and project/program implementation.

➤ **GOAL 3. Deliver access and safety improvements cost effectively, within available revenues, equitably and responsive to the needs of all users of the transportation system, and beneficially for the natural environment.**

The manner in which access and safety outcomes referenced in Goal 1 and Goal 2 are delivered can impact cost-effectiveness, distribution of benefits amongst population groups, and ecological function.

TARGETS:

3.A Maintain the existing system and improve the condition of transportation facilities.

3.A.1. Increase the percentage of pavement in good condition to 50 percent by 2030 and 80 percent by 2045.

3.A.2. Reduce the number of transit vehicles in “distressed” condition to 20 percent by 2030 and to 10 percent by 2045.

3.B Enhance healthy, safe access to key destinations for transportation-disadvantaged populations.

3.B.1. Improve travel options for people who are transportation disadvantaged due to income, age, race, disability or limited English proficiency by increasing transit vehicle revenue miles (see Target 1.A.2.) and reducing transit travel times by 15 percent by 2030 and by 30 percent by 2045 (compared to 2020).

3.B.2. Ensure that transportation benefits are equitably distributed and that transportation burdens do not disproportionately affect transportation-disadvantaged populations.

3.C Solicit broad public input.

3.C.1. Maximize participation from diverse members of the public in RTC planning and project implementation activities.

3.D Increase transportation revenues.

3.D1. Increase the amount of transportation funding by 20 percent by 2030 (compared to 2020) from a combination of local, state and federal funds.

POLICIES:

- 3.1 *Cost Effectiveness & System Maintenance:* Maintain and operate the existing transportation system cost-effectively and in a manner that adapts the current transportation system to maximize existing investments.
- 3.2 *Coordination:* Improve coordination between agencies in a manner that improves efficiencies and reduces duplication (e.g. paratransit and transit; road repairs; signal synchronization; TDM programs).
- 3.3 *System Financing:* Support new or increased taxes and fees that reflect the cost to operate and maintain the transportation system.
- 3.4 *Equity:* Demonstrate that planned investments will reduce disparities in safety and access for transportation disadvantaged populations.
- 3.5 *Ecological Function:* Deliver transportation investments in a way that increases tree canopy, where appropriate, improves habitat and water quality, and enhances sensitive areas.
- 3.6 *Climate Resiliency:* Adapt the transportation system to reduce impacts from climate change.
- 3.7 *Public Engagement:* Solicit broad public input on all aspects of regional and local transportation plans, projects and funding actions.

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DRAFT 2021 LONG RANGE DEVELOPMENT PLAN AND DRAFT ENVIRONMENTAL IMPACT REPORT RELEASED TODAY →



UC Santa Cruz has released the Draft 2021 Long Range Development Plan (LRDP) that will guide the physical development of new academic, housing, and support uses necessary to achieve the campus' mission. The 2021 LRDP establishes a land use framework for academic and administrative space needs, housing, open space, circulation and other land uses that ultimately facilitate the appropriate siting of capital projects. Pursuant to the California Environmental Quality Act a Draft Environmental Impact Report (Draft EIR), which evaluates the environmental impacts of the 2021 LRDP, has also been released for public review.

The 60-day public review period for the Draft EIR is Thursday, January 7, 2021 through Monday, March 8, 2021. View the Notice of Availability of the Draft EIR [here: https://lrdp.ucsc.edu/2021/files/UC-Santa-Cruz-LRDP-EIR-NOA.pdf](https://lrdp.ucsc.edu/2021/files/UC-Santa-Cruz-LRDP-EIR-NOA.pdf).

ONLINE PUBLIC SESSIONS WILL BE HOSTED ON

**WEDNESDAY,
FEBRUARY 3, 2021
5-7 PM**

**THURSDAY,
FEBRUARY 4, 2021
5-7 PM**

Draft EIR Public Review Period
January 7, 2021 - March 8, 2021

To participate and view the Draft 2021 LRDP and Draft EIR visit the [LRDP Information](https://lrdp.ucsc.edu/2021/info.html) page (<https://lrdp.ucsc.edu/2021/info.html>). In an effort to support review and help the public navigate through the 2021 Draft EIR, UC Santa Cruz has also developed a community handbook that can be found [here \(https://lrdp.ucsc.edu/2021/files/Environmental-Review-Handbook.pdf\)](https://lrdp.ucsc.edu/2021/files/Environmental-Review-Handbook.pdf).

lrdp.ucsc.edu



**JANUARY 21, 2021
INTERAGENCY TECHNICAL ADVISORY COMMITTEE (ITAC)
ANNOUNCEMENTS**

ITAC members,

I hope you are all doing well and continuing to stay healthy during the pandemic. For the next four months, I will be the Acting Senior Transportation Planner for the North Region (San Benito, Monterey, and Santa Cruz Counties). My duties and responsibilities to Santa Cruz County will continue. This change will free up John Olejnik to be on a temporary assignment. However, he will still oversee IGR, lead efforts related to SB 743, and consult where needed. Please let me know if you have any questions. Also, I anticipate the D5 ATP draft will be out for public review next month. Stay tuned. Take care everyone.

Happy New Year!

Gus Alfaro

PHONE: 805-835-6490

WEBSITE: <https://dot.ca.gov/caltrans-near-me/district-5>

EMAIL: gustavo.alfaro@dot.ca.gov



Call for Projects: Sustainable Transportation Planning Grant Program (FY 2021-22) & upcoming workshop *(released December 2020)*

- Caltrans is offering nearly \$35 million statewide for grant projects providing a safe, sustainable, integrated and efficient transportation system enhancing the state's economy and livability.
- Funding is provided through traditional federal and state grants plus \$25 million in Senate Bill 1 (SB 1) funds, the Road Repair and Accountability Act of 2017.
- The SB 1 funding supports and implements Regional Transportation Plan Sustainable Communities Strategies and helps achieve the state's greenhouse gas reduction targets of 40 and 80 percent below 1990 levels by 2030 and 2050, respectively.
- Successful projects directly benefit the state's multimodal transportation system and improve public health, social equity, environmental justice, the environment and more.
- Applicants are encouraged to contact their District Regional Planner liaison(s) with any questions regarding the grant program or application.
- If you missed the District 5 workshop, a statewide workshop will be held January 28 from 9:30 – 11:00 AM. To RSVP for the workshop, please contact Regional.Planning.Grants@dot.ca.gov
- The deadline to submit applications to Caltrans is 5 p.m. **Friday, Feb. 12, 2021**. More information: <https://dot.ca.gov/programs/transportation-planning/regional-planning/sustainable-transportation-planning-grants>

Webinars for public works contractors in 2021 *(released Jan. 8, 2021)*

- Caltrans is partnering with local agencies to offer webinars on various topics, including estimation, bonding, labor compliance and even a virtual Central Region Contractors' Bootcamp.
- The webinars are scheduled as follows:
 - January 12 Estimating Best Practices with Granite Construction ([register](#))
 - January 19 Bonding Webinar by Kiewit ([register](#))
 - February 9-10 **Caltrans Contractor's Bootcamp** (2-day webinar - [register](#))
 - March 4 Finding Opportunities with the State and Caltrans ([register](#))
 - March 11 Best Practices for Understanding Caltrans Contracts ([register](#))
 - April 27 & 29 Labor Compliance (2-day webinar - [register](#))
- For more information about these and other upcoming virtual events, please visit the Caltrans Office of Civil Rights at <https://dot.ca.gov/programs/civil-rights/caltrans-events-calendar>.



FTA News – Major funding supports nation’s public transportation systems during COVID-19 pandemic (released Jan. 11, 2021)

- The Federal Transit Administration is offering \$14 billion nationwide to continue supporting public transportation systems during the Coronavirus Disease 2019 public health emergency.
- Funding is provided through the Coronavirus Response and Relief Supplemental Appropriations Act of 2021.
- FTA is allocating \$14 billion to recipients of urbanized area and rural area formula funds with \$13.27 billion for large and small urban areas, \$678.2 million to rural areas and tribes, and \$50 million for enhancing mobility for seniors and individuals with disabilities.
- Similar in action to the federal CARES Act, the supplemental funding will be provided at 100 percent federal share with no local match required.
- FTA is planning to host a webinar series to provide further information. For the Frequently Asked Questions, webinar details and more information: <https://www.transit.dot.gov/about/news/us-transportation-secretary-elaine-l-chao-announces-14-billion-support-nations-public>

California Energy Commission News – Call for Projects: Sustainable & affordable mixed-use housing (released Dec. 15, 2020)

- The California Energy Commission is offering a new funding opportunity for sustainable, affordable housing in California communities and to help cities advance their ambitious climate and social equity goals.
- The *Reimagining Affordable Mixed-Use Development in a Carbon-Constrained Future* is a competitive program challenging multi-disciplinary project teams to design and build a mixed-use development using cutting-edge technologies and advanced construction practices that's affordable, equitable, emissions-free and resilient to climate change impacts and extreme weather events.
- No funding amounts for grant applications were specified.
- The deadline to submit a concept application abstract to the commission is **April 9, 2021**.
- To join the virtual pre-application workshop on **Thursday, Jan. 21** and for more information: <https://www.energy.ca.gov/solicitations/2020-12/gfo-20-305-next-epic-challenge-reimagining-affordable-mixed-use-development>

CTC News – Major transportation investment will create jobs and spur economic recovery (released Dec. 15, 2020)

- **In 2020, the California Transportation Commission (CTC) invested \$22 billion for 1,200 transportation projects statewide supporting jobs and the economy.**
- The projects will improve travel for all users, including drivers, transit riders, bicyclists and pedestrians.
- Nearly 40 percent of the funding was provided through Senate Bill (SB) 1, the Road Repair and Accountability Act of 2017.



- Since this legislation passed, the CTC's project allocations from all state and federal sources have generated an estimated 350,000 jobs statewide.
- In the last year, the CTC increased its focus on equity to ensure all Californians, particularly from underserved communities, benefit from transportation funding decisions.
- The CTC's *Annual Report* details its work promoting a safe, sustainable transportation system by reducing congestion and improving the environment while facilitating job creation and economic development. For the annual report and more information: <https://catc.ca.gov/-/media/ctc-media/documents/news-releases/2020-ctc-annual-report-release-final-a11y.pdf>

NHTSA News – Input sought on proposed federal rule to expand mobility for those with disabilities (released Dec. 28, 2021)

- The U.S. Department of Transportation's National Highway Traffic Safety Administration seeks public input on a proposed federal rule improving access to rental cars, power scooters and wheelchair transport for people with disabilities.
- The new rule would make the following changes:
 - Allow rental car companies to temporarily disable a driver's knee bolster air bag to install hand controls for people with disabilities' use. If the existing knee bolster air bag deployed in a crash, the resulting force could cause the hand controls to strike the driver with extreme pressure and serious safety risks.
 - Permit installation of rear-mounted transporters for wheelchairs and power scooters. These transporters could block a backup camera's view but would improve mobility for drivers and passengers with disabilities.
- The deadline to submit comments to the NHTSA is **Jan. 27, 2021**. More information:

<https://www.nhtsa.gov/press-releases/rule-proposed-expand-mobility-people-with-disabilities>

Advance Mitigation Program - Announcement of Public Review/Comment Meeting Regional Advance Mitigation Needs Assessment- Central Coastal, Monterey Bay, Pajaro, Salinas, and San Francisco Coastal South Sub-basins within Caltrans District 5
www.advancemitigation.dot.ca.gov

WHAT'S BEING PLANNED?

The purpose of the *Central Coastal, Monterey Bay, Pajaro, Salinas, and San Francisco Coastal South Sub-basins within Caltrans District 5 Regional Advance Mitigation Needs Assessment* ("RAMNA") is to set the stage for Caltrans to realize the potential of advance mitigation to both accelerate transportation project delivery and protect natural resources through transportation project mitigation. It also is intended to help Caltrans align its efforts with metropolitan planning organizations, regional transportation planning agencies, and other local transportation agencies that may have potential benefitting State Transportation Improvement Program eligible



transportation improvements. The review process is also an information request, for information that can assist Caltrans with advance mitigation planning.

This notice announces the availability of the Central Coastal, Monterey Bay, Pajaro, Salinas, and San Francisco Coastal South Sub-basins RAMNA; provides instructions on how interested parties may provide comments/information to Caltrans; and communicates how interested parties may participate in a virtual informational meeting.

WHAT'S AVAILABLE?

Starting on **January 10, 2021**, the RAMNA is available to view or download from Dropbox: https://www.dropbox.com/sh/wuyfwqrd4imvy4i/AAB-TKtIbcYwOvHQngp042Wda?dl=0&preview=D5_Draft_RAMNA_20210108.pdf

To submit comments, please use the comment matrix, also available for download from: <https://www.dropbox.com/sh/wuyfwqrd4imvy4i/AAB-TKtIbcYwOvHQngp042Wda?dl=0>

WHEN & WHERE?

The virtual meeting will consist of a presentation followed by question and answer session

Date: **Wednesday, January 20, 2021 / Time: 2:30 - 5 p.m.**

Attendance Via Webex: [bit.ly/Caltrans D5 RAMNA](https://bit.ly/Caltrans_D5_RAMNA) (registration required)

If attending via Webex, please allow time for log-in/access and any needed application downloads.

WHERE YOU COME IN

Please submit comments in writing no later than 5 p.m. on Wednesday, February 10, 2021, to the Advance Mitigation Program, 1120 N Street, 4th Floor, MS-27, Sacramento, California, 95814; or via e-mail to:

Advance.Mitigation@dot.ca.gov.

A comment matrix template is attached to this email for your use. It includes instructions for information submittals. Comments will be accepted starting **January 20, 2021**.

At this time, email is the best way to communicate with the Advance Mitigation Program. If you do submit comments via the regular mail, please alert us via email or phone 916-651-6122.

CONTACT

For more information about Caltrans Advance Mitigation Program, please visit:

www.advancemitigation.dot.ca.gov.

For those with sensory disabilities requiring alternate formats (i.e. Braille, large print, sign language interpreter, etc.) and those needing information in a language other than English, please contact the Caltrans District 5 Office of Public Affairs at (805) 549-3318 or TTY 711.

REGIONAL ADVANCE MITIGATION NEEDS ASSESSMENTS

FREQUENTLY ASKED QUESTIONS

Advance Mitigation Planning Process

STEP 1

Statewide Advance Mitigation Needs Assessment ("SAMNA")



STEP 2

Geographic Area of Interest ("GAI") Selection



STEP 3

Regional Advance Mitigation Needs Assessment ("RAMNA")



STEP 4

Project Scoping and Initiation



STEP 5

Caltrans Director's Approval



What is the advance mitigation planning process?

The advance mitigation planning process is critical to achieving the goal of performing landscape scale mitigation. Through advance mitigation planning, estimated impacts from multiple transportation projects are consolidated into a single, large mitigation project likely to maximize environmental benefits and accelerate transportation project delivery by ensuring the availability of sufficient and appropriate mitigation. [See five-step process on left.]

What information is presented in the RAMNA?

The RAMNA presents information that resource agencies are likely to both consult and apply during their permitting actions and Caltrans districts will consult when scoping and justifying advance mitigation investments/projects.

How will Caltrans use the information in the RAMNA?

Caltrans Districts will consult the RAMNA when they justify and scope advance mitigation investments/projects when seeking funding approval and when delivering advance mitigation projects.



We Are Here

For the RAMNA's purposes, what are conservation goals and objectives?

For the RAMNA's purposes, conservation goals and objectives are a broad set of regional natural resource sustainability goals and objectives that are consistent with both regulatory requirements and conservation science.

How are the RAMNA and the SAMNA related?

The SAMNA's estimates of the state's compensatory mitigation needs are used to identify GAIs in the Caltrans' Districts, which determines which RAMNAs will be written. In addition to SAMNA results, the SAMNA's analysis and data layers provide a starting point for the RAMNA. The RAMNA's vegetation, wetland, and water information, for example, is extracted from the SAMNA's layers. Assumptions and choices are consistent between the SAMNA and the RAMNA.

How does Caltrans determine the planning area or "GAI" for the RAMNA?

GAIs are located where SAMNA results indicate that investing program funds to implement landscape-scale mitigation in the area is likely to maximize SHOPP and STIP funded transportation project acceleration in the region while maximizing environmental benefits. GAIs are established at watershed or ecoregion scales to assist with appropriate planning areas for mitigation implementation and anticipated use areas that align with resource agency practices.

How are RAMNAs and Regional Conservation Investment Strategies ("RCIS") related?

To the maximum extent practicable, the information required for an RCIS is presented in the RAMNA. However, it is during CDFW's review of an RCIS, when CDFW determines whether or not information presented in the RCIS is consistent with FGC § 1852 (c)(8).

What does Caltrans hope to gain through the public review process?

The RAMNA will support Caltrans' decision-making. Hence, Caltrans hopes that interested parties will see where Caltrans' advance mitigation planning would benefit from information that is not presented in the RAMNA and provide it to Caltrans. For example, information that is not yet readily available, such as letting Caltrans know if there are new mitigation or conservation banks under development for the GAI. Further, Caltrans hopes that interested parties will seek to learn more about transportation project permitting and the regulatory pathways for establishing mitigation credits.

What does Caltrans hope to gain through the natural resource agency review process?

Caltrans believes that communicating with resource agencies during advance mitigation planning will improve the chances that advance mitigation projects undertaken by Caltrans will align with regional conservation goals and objectives and improve the chances that the resultant advance compensatory mitigation will be considered adequate and/or suitable by an agency for a specific future transportation project's impact. To facilitate this communication, Caltrans and the resource agencies have signed a master agreement on the advance mitigation process, including the expectations and interactions needed to move the RAMNA forward.

Additional Announcements

Caltrans Local Assistance Invoices

Chapter 5-Invoicing of the LAPM has been updated (January 2021). It includes a new invoice template (Exhibit 5-A) to be used for all Local Assistance reimbursements (including HSIP, HBP, STIP, ATP, +). It includes the invoice, billing summary, invoice checklist, and instructions. Caltrans Local Assistance will no longer accept invoices created by local agencies. <https://dot.ca.gov/-/media/dot-media/programs/local-assistance/documents/lapm/ch05.pdf>

At-Risk Preliminary Engineering

For federalized projects, the FAST Act (Section 1400) and federal guidance now allow agencies to initiate preliminary engineering using local funds, then be subsequently reimbursed with federal funds under certain circumstances. If you have a project you would like to be considered for use of At-Risk PE, please **contact Local Assistance or Rachel Moriconi for more information.** Reimbursement is limited to expenses incurred after the project has been programmed in the Federal Transportation Improvement Program (FTIP/MTIP) (e.g. for subsequent phases), has followed federal rules (e.g. DBE, NEPA, etc), and will be programmed to receive federal funds for PE. For STIP-funded projects, Bridge (HBP), and Safety (HSIP) projects additional rules apply.

Automated Counter Loan Program: The Active Transportation Resource Center (ATRC) has a variety of temporary bicycle and pedestrian automated counter equipment available for project sponsors to borrow and collect user data before and after active transportation projects get built. Visit: <https://caatpresources.org/index.cfm/1516> for more information.

Quick Build Project Guide

CalBike has released a free [Quick-Build Guide](#). The 77-page toolkit, created by Alta Planning + Design, outlines best practices to implement quick-build projects for people biking and walking. https://www.calbike.org/our_initiatives/quick-build-bikeway-networks-for-safer-streets/

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PROJECTS UNDER CONSTRUCTION

	Project	Location Post Mile (PM)	Description	Construction Timeline	Construction Cost	Funding Source	Project Manager (Resident Engineer)	Contractor	Comments
1.	Santa Cruz 1 CAPM and Bridge Rails (1C85U)	In and near Santa Cruz from North Aptos up to Jct. Route 9 PM (10.2 to 17.5)	Pavement Rehabilitation, ADA Curb Ramps, Guardrail/ Barrier rail/Bridge	June 2, 2019 – Winter 2020	\$22 million	SHOPP	Luis Duazo (GG)	Granite Construction Company Watsonville, CA	Work continues to finish striping, upgrade guardrail and complete miscellaneous work such as electrical and curb ramps. Work on schedule to be completed by winter.
2.	Highway 17 Pasatiempo Shoulder Widening (1C670)	South of Pasatiempo overcrossing (PM 0.2/0.5)	Shoulder widening and soil nail wall	Spring 2019- Winter 2020	\$5.7 million	SHOPP	Luis Duazo (BR)	Graniterock Company Watsonville, CA	Work continues to finish the paving, signage and miscellaneous work. Work to be completed by winter.
3.	Highway 17 North Route 17 CAPM (1F760)	Scotts Valley from just north of the Granite Creek Road over- crossing to SCL (PM 6.0/12.5)	Maintenance pavement overlay	Summer 2020	\$19 million	SHOPP SB-1	Doug Hessing (JW)	Granite Construction Company, Watsonville, CA	Work substantially complete. Minor punch list work remains.
4.	Pedestrian Signal Upgrades (1G160)	Various Locations: Highways 1, 9, 17, 129, and 152	Install Accessible Pedestrian Signal (APS)	January 2020 – Summer 2020	\$ 1.8 million	SHOPP	Mike Lew (FA)	Crosstown Electrical & Data, Inc	Contract was accepted on July 8 and we are currently in the closeout phase.
5.	Crosswalks and Pedestrian Safety Enhancements (1G760)	Various Locations: Highways 1, 9, 129, and 152 (Note: Project also includes six locations in Monterey County, on Routes 68 and 183)	Electrical/Signs/ Flashing Beacons/ Markings/ Pavements	Fall 2020/ Spring 2021	\$1,000,000	Minor	Mike Lew	PS&E	Construction is underway.

PROJECTS UNDER CONSTRUCTION (Cont'd.)

	Project	Location Post Mile (PM)	Description	Construction Timeline	Construction Cost	Funding Source	Project Manager (Resident Engineer)	Contractor	Comments
6.	Highway 1/ Highway 17 Ramp Safety Improvements (1H060)	From the Fishhook to Pasatiempo overcrossing (PM 16.7)	Construct ramp safety improvements	Summer 2020	\$5.8 million	SHOPP	Heidi Borders	CON	PS&E and R/W phase to be completed in June.

PROJECTS IN DEVELOPMENT

	Project	Location Post Mile (PM)	Description	Construction Timeline	Estimated Construction Cost	Funding Source	Project Manager	Phase	Comments
7.	Highway 1 Soquel Creek Scour Protection (1H480)	In Capitola at Soquel Creek Bridge (PM 13.3)	Bridge preventative maintenance – Place scour protection	Winter 2022	\$2.2 million	SHOPP	Heidi Borders	PS&E	PA&ED was achieved 4/14/2020. Project to move into PS&E (Design Phase).
8.	TMS Detection Repair (1H990)	Various locations throughout District 5 along SRs 1, 17, 68, 156, 101 (PM Various)	Replace failed TMS Detection	Summer 2020/Winter 2021	\$4.9 million	SHOPP SB-1	Brandy Rider (PD)	PS&E/RW	Project advertisement complete. Currently pending allocation for construction dollars at the Dec. 2020, CTC meeting.
9.	Highway 1 Davenport Culvert Replacement (0J200)	Near Davenport and south of Waddell Creek Bridge (PM 31.9/35.7)	Replace culverts	Fall 2021	\$3.6 million	SHOPP SB-1	Heidi Borders	PS&E	The project is in the design, right of way, and permitting phase.
10.	SCr 9 South Drainage and Erosion Control Improvements (1F920)	From SR 1 and 9 to slightly north of Glen Arbor Road (PM 0.0/8.5)	Upgrade drainage systems and stabilize slopes	Fall 2020	\$2 million	SHOPP	Doug Hessing	PS&E/RW	Project is advertising for construction contract.

PROJECTS IN DEVELOPMENT (Cont'd.)

	Project	Location Post Mile (PM)	Description	Construction Timeline	Estimated Construction Cost	Funding Source	Project Manager	Phase	Comments
11.	Highway 9 PM 1.0 and 4.0 Viaduct (1K120)	Near SCr north of Vernon Street (PM 1/1)	Construct side- hill viaduct restore roadway and facilities, place Water Pollution Control BMPs, erosion control	Fall 2022	\$9.9 million	SHOPP	Doug Hessing	PA&ED	Project is in preliminary Design and Environmental phase.
12.	SCr 9 Upper Drainage and Erosion Control Improvements (1G950)	In Boulder Creek from Holiday Lane to just south of Ben Lomond to the SR 236/9 Junction (PM 8.5/25.5)	Upgrade drainage and erosion control	Spring 2023	\$5.4 million	SHOPP	Doug Hessing	PA&ED	The environmental document is completed, and the project is transitioning to the Design and Right of Way phase.
13.	Highway 9 San Lorenzo River Bridge and Kings Creek Bridge Replacement (1H470)	Near Boulder Creek, at San Lorenzo River Bridge and at Kings Creek Bridge (PM 13.6/15.5)	Replace bridges	Summer 2022	\$12 million	SHOPP SB-1	Doug Hessing	PA&ED	The Draft Environmental Document is circulating for public comment.
14.	Highway 9 Hairpin Tieback (1K130)	Near Boulder Creek about 1.1 miles south of the SR 236/9 Junction (PM 19.97)	Soldier Pile Tieback Retaining Wall	Spring 2021	\$2.6 million	SHOPP	Doug Hessing	PA&ED	Plans Specifications and Estimate are being finalized.

	Project	Location Post Mile (PM)	Description	Construction Timeline	Estimated Construction Cost	Funding Source	Project Manager	Phase	Comments
15.	Highway 17 Wildlife Habitat Crossing (1G260)	From Laurel Road to just north of Laurel Road (PM 9.442-9.692)	Construct wildlife undercrossing	Summer 2021	\$7 million	SHOPP	Aaron Henkel	PS&E/RW	Project is in design and on schedule.
16.	Highway 129/ Lakeview Road Intersection Improvements (1G990)	Near Watsonville, at Lakeview Road (PM 1.4)	Construct roundabout and improve street lighting	Spring 2021	\$4.5 million	SHOPP	Luis Duazo	PS&E/RW	Utility relocations are underway in advance of construction.
17.	Highway 152 Corralitos Creek ADA (05- 1F620)	Near Watsonville, East of Beverly Drive to Holohan / College Road (PM1.9 to R2.0)	Construct Accessible Pathway	Spring 2022	\$3.4 million	SHOPP	Mike Lew	PS&E	Design is currently working toward 60% review plans
18.	Highway 236 Heartwood Hill Wall (1M450)	Near Boulder Creek (PM 5.4)	Restore Embankment with a Retaining Wall	2022/2023	\$1.8 million	SHOPP	Doug Hessing	PS&E	The project is in the Design and Right of Way Phase.
19.	Santa Cruz & San Benito Rumble Strip & Striping Safety Project (1M330)	Various-multi- county locations. In Sta. Cruz, the project includes Highways 1, 9, 17, 129	Update Striping and Install Edgeline and Center Rumble Strips at Various Locations	2023	\$4.7 million	SHOPP Safety Collision Reduction	Brandy Rider (J.W.)	PS&E	Improvements at various highway locations, various postmiles: Rte. 1: Edge Line/Shoulder Rumble Strip, Rte. 9: Update Striping Rte. 17: Edge Line/Shoulder Rumble Strip Rte 129: Edge Line/Shoulder Rumble Strip; Centerline rumble strip, Update Striping

	Project	Location Post Mile (PM)	Description	Construction Timeline	Estimated Construction Cost	Funding Source	Project Manager	Phase	Comments
20.	Felton Safety Improvements (1M400)	On Route 9 in Santa Cruz County between Kirby St. and San Lorenzo Valley High School (PM 6.3/7.2)	Construct Accessible Pedestrian Path	2024/25	\$8 million	SHOPP Safety	Doug Hessing (J.W.)	PA&ED	Survey work is in progress.
21.	Highway 129 Paving, Sign Panels, Lighting, TMS Improvement (1J830)	Near Watsonville for SR129/1 separation to Salsipuedes Creek Bridge (PM 0/0.56)	Pavement Preservation, Lighting, Sign Panel Replacement and TMS Elements improvements	2024/25	\$8 million	SHOPP	Doug Hessing (J.W.)	PA&ED	Complete streets additions are being evaluated.
22.	Highway 1 Roadside Safety (1J960)	0.5 mile north of Larkin Valley Rd. U.C. (San Andreas Rd) to Laguna Rd (North) (8.20/26.00)	Drainage System Restoration; paving at 40 ramps; Install Lighting at Interchanges and Install Count Stations	2024/25	\$15.5 million	SHOPP	Heidi Borders	PA&ED	
23.	Santa Cruz Route 1 CAPM (1M110)	In and near Santa Cruz from .06 miles south of Route 9 Junction to .09 miles north of the Mission St intersection. (PM 17.5/20.2)	Grinding/ paving 2.7 miles of pavement, upgrading up to 89 curb ramps, guard rail upgrade, sign panel upgrade, loop detector replacement.	2024	\$5.8 million	SHOPP	Jackson Ho	PID	Complete streets concepts are being evaluated and may be included where feasible.

ACRONYMS USED IN THIS REPORT:

ADA	Americans with Disabilities Act
CEQA	California Environmental Quality Act
CMAQ	Congestion Mitigation Air Quality
CMIA	Corridor Mobility Improvement Account
CTC	California Transportation Commission
ED	Environmental Document
EIR	Environmental Impact Report
PA&ED	Project Approval and Environmental Document
PM	Post Mile
PS&E	Plans, Specifications, and Estimates
RW	Right of Way
SB1	Senate Bill 1, the Road Repair and Accountability Act of 2017
SCL	Santa Clara County Line
SHOPP	State Highway Operation and Protection Program
SR	State Route
STIP	State Transportation Improvement Program
TMS	Traffic Management System