

Appendix F

Project List

2040 Regional Transportation Plan Project List

Constrained and Unconstrained Projects - Not Escalated

*Projects listed by lead agency, in alphabetical order by 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 2040.
 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.*

All Figures in year 2016, '000s (thousands of dollars)

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Uncon- strained
Caltrans					
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).	\$732,380	\$219,714	\$512,666
Hwy 1/Harkins Slough Road Interchange: Bicycle/Pedestrian Bridge	WAT 01A	Construction of Pedestrian/Bicycle Bridge over Highway 1. Caltrans Project ID 05-1G490	\$9,900	\$9,900	\$0
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
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	\$0	\$20,000
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
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	\$0	\$50,000
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
Hwy 17 Wildlife Habitat Connectivity	CT-P48	Wildlife Crossing	\$9,198	\$9,198	\$0
Measure D Hwy 9 Corridor Projects	CT-P09e	Corridor study is underway to identify need for shoulder widening, turnouts for buses, bicycle and pedestrian improvements, and turn lanes at spot locations in SLV. Capital Cost Est. TBD.	\$10,000	\$7,349	\$2,651
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).	\$8,600	\$2,580	\$6,020
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
Caltrans Total			\$1,738,468	\$715,904	\$1,022,564
CHP - California Highway Patrol					
Hwy 129 Safety Program	CHP-P03	Additional CHP enforcement and public education campaign on Highway 129.	\$500	\$0	\$500
Hwy 17 Safety Program	CHP-P01	Continuation of Highway 17 Safety Program in Santa Cruz County at \$100/year. Includes public education and awareness, California Highway Patrol (CHP) enhancement, pilot cars, electronic speed signs.	\$2,200	\$2,200	\$0

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
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
CHP - California Highway Patrol Total			\$2,700	\$2,200	\$500
<i>City of Capitola</i>					
40th Ave (at Deanes Ln)Bike/Ped connection	CAP-P46	40th Avenue N/S bike/pedestrian connection at Deanes Lane.	\$10	\$10	\$0
40th Ave/Clares St Intersection Improvements	CAP-P38	Widen intersection and signalize.	\$1,550	\$1,050	\$500
41st Ave (Soquel to Portola) Crosswalks	CAP-P47	Evaluate and if found necessary, increase number of crosswalks on 41st to closer to every 300 ft.	\$20	\$20	\$0
41st Ave/Capitola Road Intersection Improvements	CAP-P37	Widen intersection and reconfigure signal phasing.	\$520	\$520	\$0
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
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
Auto Plaza Drive Extension to Bay Avenue	CAP-P35	Extend Auto Plaza Drive over Soquel Creek to Bay Avenue. Includes improvements to Auto Plaza Drive.	\$10,330	\$0	\$10,330
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	\$210	\$200
Bay Avenue/Capitola Avenue Intersection Modifications/Roundabout	CAP 16	Multimodal improvements to intersection. Roundabout.	\$1,000	\$1,000	\$0
Bay Avenue/Hill Street Intersection	CAP-P07	Intersection improvements to improve traffic flow. Roundabout.	\$210	\$210	\$0
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
Brommer Street Complete Street Improvements (250' west of 38th Ave to 41st Ave)	CAP 18	Construct complete street roadway improvements on Brommer St. to improve access for vehicles, bikes, and pedestrians. Pavement reconstruction, install ADA driveways and sidewalks, and reconfigure eastbound approach to 41st Ave. for vehicle access.	\$770	\$770	\$0
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
Capitola Intra-City Rail Trolley	CAP-P18	Construct & Operate Weekend Rail Trolley Service. Project includes installation of 3 stations.	\$14,460	\$0	\$14,460
Capitola Jitney Transit Service	CAP-P15	Purchase and operate local transit service.	\$1,030	\$0	\$1,030
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

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
Capitola Rd & 45th Avenue I/S Improvements	CAP-P53	Signalization or other LOS improvements	\$400	\$400	\$0
Capitola Village Enhancements: Capitola Ave	CAP-P34	Multimodal enhancements along Capitola Avenue.	\$1,030	\$1,030	\$0
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	\$3,100	\$0
Capitola-wide HOV priority	CAP-P50	Evaluate HOV priority at signals and HOV queue bypass.	\$40	\$40	\$0
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
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).	\$44,000	\$40,666	\$3,334
Citywide Sidewalk Program	CAP-P51	Install sidewalks to fill gaps. Annual Cost \$50k/yr.	\$1,030	\$520	\$510
Citywide Traffic Calming	CAP-P17	Install traffic calming/neighborhood livability improvements.	\$1,450	\$1,450	\$0
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
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.	\$10	\$10	\$0
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
Clares Street Traffic Calming	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.	\$750	\$750	\$0
Cliff Drive Improvements	CAP-P05	Installation of sidewalks, pedestrian crossing and slope stabilization of embankment including seawall.	\$1,550	\$1,550	\$0
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.	\$20	\$20	\$0
Hwy 1/41st Avenue Interchange	CAP-P01	Implement 41st Avenue & Bay Ave/Porter Ave single interchange improvements as detailed and expensed in Hwy 1 HOV project (RTC 24) as a stand alone project if the RTC project does not proceed. (\$117M)	\$0	\$0	\$0
Monterey Avenue and Park Avenue I/S Improvements	CAP-P56	Signalization or other LOS improvements	\$400	\$400	\$0
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
Monterey Avenue Multimodal Improvements	CAP-P12	Installation of sidewalks and bike lanes in area near school and parks.	\$360	\$360	\$0
Park Avenue Sidewalks	CAP 15	Installation of sidewalks, plus crosswalks at Cabrillo and Washburn to improve access to transit stops. Links Cliffwood Heights neighborhood to Capitola Village. Currently only 4 short segments of sidewalk exist.	\$650	\$650	\$0
Park Avenue/Kennedy Drive Improvements	CAP-P09	Construct intersection improvements, especially for bikes/peds. May include traffic signal.	\$360	\$360	\$0

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
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
Stockton Ave Bridge Rehab	CAP-P07p	Replace bridge with wider facility that includes standard bike lanes and sidewalks.	\$3,000	\$1,500	\$1,500
Stockton Avenue and Capitola Avenue I/S Improvements	CAP-P57	Signalization or other LOS improvements	\$350	\$350	\$0
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	\$1,340	\$0
Upper Pacific Cove Parking Lot Pedestrian Trail and Depot Park Metro Development	CAP 17	Construct 4 foot wide pedestrian pathway along City owned Upper Pacific Cove Parking lot, adjacent to rail line (680'). Includes new signal for ped crossing over Monterey Avenue. Includes a new metro shelter located and landscaped setting along the rail corridor/Park Ave. Part of MBSST.	\$310	\$310	\$0
Wharf Road and Stockton Avenue I/S Improvements	CAP-P54	Signalization or other LOS improvements	\$350	\$350	\$0
Wheelchair Access Ramps	CAP-P27	Install wheelchair access/curb cut ramps on sidewalks citywide.	\$200	\$200	\$0
City of Capitola Total			\$93,670	\$60,906	\$32,764
City of Santa Cruz					
Almar Ave Sidewalks	SC-P126	Fill gaps in sidewalks and access ramps to improve pedestrian safety.	\$200	\$200	\$0
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
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
Bay/California Traffic Signals	SC-P96	Install traffic signals for safety and capacity improvements.	\$520	\$0	\$520
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
Beach/Cliff Intersection Signalization	SC-P93	Signalize intersection for pedestrian and train safety.	\$210	\$210	\$0
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
Brookwood Drive Bike and Pedestrian Path	SC-P21	Provide 2-way bicycle and pedestrian travel.	\$1,030	\$0	\$1,030
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
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
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)	\$163,630	\$86,249	\$77,381
Citywide Safe Routes to School Projects - ATP	SC-P125	Projects to improve pedestrian and bicycle safety near schools.	\$8,204	\$1,404	\$6,800

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
Citywide Street Sweeping	SC-P128	Ongoing street sweeping, funded from City Refuse Enterprise Fund.	\$19,800	\$19,800	\$0
Delaware Avenue Complete Streets	SC-P23	Fill gaps in bicycle lanes, sidewalks and sidewalk access ramps.	\$150	\$150	\$0
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
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
Hwy 1 Sound Wall	SC-P03	Install sound wall on Hwy 1: River to Chestnut.	\$520	\$0	\$520
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)	\$7,850	\$7,850	\$0
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
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
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
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
King/Laurel Intersection Modification	SC-P114	Modify unsignalized intersection to add eastbound right turn lane.	\$100	\$0	\$100
Laurent/High Intersection Improvements	SC-P97	Install Traffic Signal.	\$410	\$0	\$410
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
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
MBSST (Coastal Rail Trail): Segment 7 (Natural Bridges to Pacific Ave)	TRL 07SC	2.1 miles of Monterey Bay Sanctuary Scenic Trail Network (MBSST) Segment 7 along rail line (excluding Moore Creek rail trestle bridge and trail to Natural Bridges Drive).	\$7,400	\$7,400	\$0
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	\$32,934	\$32,934	\$0
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

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
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
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
Morrissey Blvd. Bike Path over Hwy 1	SC-P29	Install a Class 1 bicycle and pedestrian facility on freeway overpass.	\$300	\$300	\$0
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
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
Murray St to Harbor Path Connection	SC-P30	Install a Class 1 bicycle/pedestrian facility.	\$210	\$210	\$0
Neighborhood Traffic Management Improvements	SC-P73	Install traffic control devices and roadway design features to manage neighborhood traffic.	\$2,580	\$0	\$2,580
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
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
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
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
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/bulbouts, 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
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
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/bulbouts, 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
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

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
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.	\$440	\$440	\$0
River (Rte 9)/Fern Intersection Modification	SC-P110	Install traffic signal, sidewalk and new access ramps. Provide bike lanes on Fern.	\$520	\$0	\$520
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
River Street Pavement Rehabilitation (Water St to Potrero Street)	SC 51	Pavement rehabilitation of River Street between Water Street and Potrero Street. (0.4 mi)	\$2,000	\$1,000	\$1,000
Riverside Ave/Second St Intersection Modification.	SC-P13	Modify intersection to reduce congestion and improve pedestrian crossing.	\$175	\$175	\$0
San Lorenzo River Bike/Ped Trail at RR Bridge	TRL 8a	Widen existing four foot walkway that connects the east end of the Beach Street Pathway with East Cliff Drive at the location of the current railroad bridge over the San Lorenzo River and to connect the east and west banks of the San Lorenzo River Pathway. The crossing currently only accommodates pedestrians.	\$1,550	\$1,550	\$0
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
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
Seabright/Murray Traffic Signal Modifications	SC-P100	Remove split phasing on Seabright and add right-turn lane northbound.	\$1,030	\$1,030	\$0
Seabright/Water Intersection Improvements	SC-P99	Modify unsignalized intersection to add northbound right and extend left-turn pocket.	\$100	\$0	\$100
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
Sidewalk Program	SC-P09	Install and maintain sidewalks and access ramps.	\$20,660	\$5,500	\$15,160
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.	\$310	\$310	\$0
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
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
Soquel/Water (Branciforte to Morrissey) Crosswalks	SC-P119	Evaluate and if found necessary implement additional crosswalks on Soquel/Water with consideration for safety, and update crosswalks to more visible pattern (block).	\$300	\$150	\$150
Storey/King Street Intersection Left-Turn Lane	SC-P76	Remove parking and modify striping for second southbound left turn lane.	\$100	\$0	\$100
Swift/Delaware Intersection Roundabout or Traffic Signal	SC-P101	Install Traffic Signal or Roundabout at Intersection to improve capacity and safety.	\$500	\$500	\$0

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
Water Street Pavement Rehabilitation(N. Branciforte Ave- Ocean St)	SC 49	Pavement rehabilitation of Water Street between North Branciforte Avenue and Ocean Street. Grant Condition: Add bicycle and pedestrian treatments at intersections, especially at Branciforte to reduce conflicts between motorized and non-motorized users.	\$1,453	\$1,453	\$0
West Cliff Path Minor Widening (David Way Lighthouse to Swanton)	SC 23	Improve existing path.	\$520	\$520	\$0
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
City of Santa Cruz Total			\$412,346	\$263,295	\$149,051
<i>City of Scotts Valley</i>					
Bean Creek Rd Sidewalks (SVMS to Blue Bonnet)	SV-P35	Fill gaps in sidewalks on Bean Creek Rd.	\$410	\$410	\$0
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
Bike Rest Stops in Scotts Valley	SV-P38	Bike rest stops (including racks, water) at Camp Evers Park and Skypark.	\$230	\$0	\$230
Citywide Access Ramps	SV-P06	Place handicap ramps at various locations. Avg annual cost: \$8K/yr.	\$210	\$210	\$0
Citywide Bike Lanes	SV-P41	Construction of additional bike lanes and paths citywide (including Green Hills).	\$3,100	\$0	\$3,100
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).	\$14,770	\$13,459	\$1,311
Citywide Sidewalk Program	SV-P05	Install sidewalks to fill gaps. Annual Cost \$50k/yr	\$5,170	\$2,600	\$2,570
Civic Center Dr Bike Lanes	SV-P33	Add bike lanes to narrow road.	\$410	\$0	\$410
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
El Pueblo Rd Extensions	SV-P15	Connect El Pueblo Road to Disc Drive.	\$410	\$0	\$410
El Rancho Dr Bike Lanes	SV-P36	Add bike lanes on El Rancho within city limits.	\$340	\$0	\$340
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
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
Emergency Access Whispering Pines	SV-P26	Connect Whispering Pines Drive to Manana Woods for emergency access.	\$50	\$0	\$50
Emergency Access-Bethany/Glenwood	SV-P23	Connect Bethany Drive to Glenwood Drive.	\$210	\$0	\$210
Emergency Access-Sundridge/Pueblo	SV-P22	Connect Sunridge Drive to Disc Drive for emergency access.	\$410	\$0	\$410
Erba Lane/Terrace View/SV Drive Realignment	SV-P10	Realign Terrace View to access Scotts Valley Drive via Erba Lane.	\$520	\$0	\$520
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

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
Glen Canyon Rd/Green Hills Rd/S. Navarra Dr Bike Corridor and Roadway Preservation	SV 28	Repave two roads, add bike lanes (on Green Hills Rd), and signage. Includes road markings like sharrows and green lane treatments to assist commuters, students, and recreational bikers; and bike/walk education and outreach programs (\$14k).	\$993	\$993	\$0
Glenwood Drive Rehabilitation and Bicycle Improvement Project	SV 29	Pavement rehabilitation of Glenwood Dr. (K Street Way to city limits), drainage repair, and widen to add bike lanes. (0.58mi)	\$865	\$865	\$0
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
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
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
Kings Village Road/ Bluebonnet Lane Sidewalk	SV 30	Construct new, fill gaps, and improve accessibility of sidewalks on both sides of King's Village Rd. (Mt. Hermon to Bluebonnet) and south side of Bluebonnet Lon (KV to Bean Creek). Approx.0.3mi. Curb ramp upgrades at Mt. Hermon.	\$306	\$306	\$0
Lockhart Gulch Rd Bike Lanes	SV-P37	Add Class 2 bike lanes to narrow, primarily residential street.	\$720	\$0	\$720
Lockwood Ln Pedestrian Signal Near Golf Course	SV-P21	Construct a pedestrian signal at unprotected ped crossing on Lockwood Lane.	\$50	\$50	\$0
Lockwoode Lane Sidewalk and Bike Lanes	SV-P40	Construct Bike Lanes and add sidewalk on the west side from Mt. Hermon to the City limit.	\$520	\$520	\$0
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 Trammel Way/Scotts Valley Dr.	\$1,030	\$515	\$515
Mt Hermon Rd to El Rancho Drive Bike/Ped Connection	SV-P53	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
Mt Hermon Rd/ Spring Lakes Dr. Pedestrian Intersection Improvements	SV-P54	Improve pedestrian crossing at Spring Lakes Drive and Mt. Hermon Road.	\$50	\$50	\$0
Mt Hermon Road Sidewalk Connections	SV-P30A	Add sidewalks to fill gaps in business district.	\$520	\$520	\$0
Mt Hermon, Lockwood, Springs Lake Widening	SV-P13	Widen, reconstruct and improve portions of roadway and intersection.	\$4,130	\$0	\$4,130
Mt Hermon/King's Village Rd-Transit Signal priority	SV-P46	Transit signal priority at Kings Village Rd/Mt Hermon Rd.	\$80	\$80	\$0
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
Mt. Hermon Rd Circulation Master Plan	SV-P09	Provides various circulation and access improvements to the Mount Herman corridor.	\$3,620	\$0	\$3,620

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
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
N. Navarra Dr-Sucinto Dr Bike Lanes	SV-P34	Add bike lanes to developing area behind commercial.	\$620	\$0	\$620
Neighborhood Traffic Calming	SV-P28	Citywide traffic calming devices.	\$770	\$770	\$0
Scotts Valley Town Center Bicycle/Pedestrian Facilities	SV-P45	Bicycle and pedestrian facilities and circulation elements within planned development.	\$4,130	\$4,130	\$0
Scotts Valley-wide - Greenway Signage	SV-P48	Add signage for neighborhood greenways.	\$20	\$0	\$20
Sky Park Commercial Area Circulation	SV-P11	Construct infrastructure improvement for Skypark commercial area.	\$2,070	\$0	\$2,070
Synchronize Traffic Signals along Mt. Hermon Road	SV-P42	Re-time to coordinate traffic signals along Mt. Hermon Road.	\$100	\$100	\$0
City of Scotts Valley Total			\$87,684	\$27,463	\$60,221
City of Watsonville					
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
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
Airport Blvd Improvements (Freedom Blvd to City Limits)	WAT 38	Road widening to accommodate extension of bicycle lane and portion of travel lane, installation of bus pull out, new sidewalks and curb ramps, refuge island, rectangular flashing beacon, striping, and roadway rehab.	\$1,346	\$1,346	\$0
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
Airport Boulevard Improvements: Westgate/Larkin to Hanger Way	WAT 40	Reconstruct roadway, install new sidewalk, upgrade curb ramps and driveway crossings, install median islands, modify traffic signals to include add'l ped crossing and install rectangular rapid flashing beacon at crosswalk.	\$1,645	\$1,645	\$0
Alley Improvements	WAT-P36	Repair & reconstruct some alleys.	\$60	\$60	\$0
Bicycle Safety Improvements (Various Locations)	WAT 44	Improve existing bicycle facilities by installing new striping, markings and signage in place of the existing and installing new green bike lanes at the approaches on various streets. Work will be done at the following locations: Beach St from Lee Rd to Rodriguez St (1.42 mi); Bridge St from Beck St to East Lake Ave (1.48 mi); Green Valley Rd from Harkins Slough Rd to Corralitos Creek Bridge (1.92 mi); Harkins Slough Rd/Walker St from Green Valley Rd to Riverside Dr (1.73 mi); Rodriguez St from Riverside Dr to Main St (0.92 mi).	\$525	\$375	\$150
Bridge Maintenance	WAT-P35	Maintenance of bridges	\$115	\$115	\$0
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

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
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)	\$65,350	\$41,400	\$23,950
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
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).	\$28,510	\$0	\$28,510
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
Downtown Watsonville Universal Streets	WAT-P59	Evaluate and if feasible, implement universal streets, which are designed for pedestrians and restrict vehicular access, which facilitate new ped access.	\$600	\$600	\$0
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
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
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.	\$300	\$300	\$0
Freedom Blvd (Davis Ave to Green Valley Rd)	WAT-P68	Repair, reconstruct and/or upgrade pavement, bike lanes, sidewalks, transit facilities, signage and striping	\$1,730	\$1,730	\$0
Freedom Blvd (Green Valley Rd to Buena Vista Dr)	WAT-P72	Repair and resurface damaged roadway and bike lanes, replace damaged sidewalks, add pedestrian facilities where none exist.	\$5,000	\$5,000	\$0
Freedom Blvd (Green Valley Rd to Davis) Bicycle and Pedestrian Improvements	WAT-P61	Evaluate and if feasible, install bike treatments (such as buffered and/or painted bike lanes, bike boxes, bike signals) to address speed inconsistency between bicyclists and vehicles. Complete sidewalks, including pedestrian buffer, and pedestrian islands at crossings.	\$300	\$300	\$0
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
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.	\$3,250	\$2,000	\$1,250
Freedom Blvd Undergrounding	WAT-P38	Underground existing overhead utilities.	\$1,270	\$1,270	\$0
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
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
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	\$0	\$2,000

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
Green Valley Road Reconstruction (Struve Slough-Freedom Blvd)	WAT 42	Reconstruct existing roadway and bikelanes, remove existing asphalt pedestrian path and replace with concrete curb, gutter and sidewalk, remove and replace non-ADA compliant curb ramps and driveways, remove and replace existing signage, striping and loop detectors for traffic signal detectors. Increase sidewalk width consistent with the Complete Streets Guidebook. City may have to reduce existing roadway lane widths in order to provide wider sidewalks; may repave instead of reconstruct roadway or reduce limits of reconstruction based on allocated funds.	\$1,598	\$1,598	\$0
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
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
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	\$35	\$0
Lower Watsonville Slough Trail	WAT-P46	Install bicycle/pedestrian trail	\$770	\$770	\$0
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
Main St - 3 HAWK Signals	WAT-P54	Evaluate and if found necessary, add Hawk signals in 3 locations on Main St.	\$890	\$890	\$0
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	\$890	\$0
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	\$710	\$0
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
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	\$1,000	\$0
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	\$1,500	\$0
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
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	\$115	\$0
MBSST (Coastal Rail Trail): Lee Road, 4000 feet east to City Slough Trail connection	TRL 18L	Construction of 4000-foot long pathway parallel to the railroad tracks: twelve-foot width asphalt (hma). A 500 ft long retaining wall up to 3 ft tall with fence near Lee Road. A drainage structure east of Ohlone Parkway to be modified. Connection to Lee Road shall require installation of pathway or sidewalk to link to the existing sidewalk. At grade crossing at Ohlone Parkway and at a spur line located between Lee Road and Highway 1.	\$1,540	\$1,540	\$0

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
MBSST Rail Trail: Walker Street to City Slough Trail connection	TRL 18W	Construction of 2400 ft pedestrian and bicycle path parallel to the existing railroad tracks and within the rail right-of-way. Also includes public outreach and training to improve bicycle and pedestrian safety.	\$860	\$860	\$0
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
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
Ohlone Parkway Improvements - Phase 2 (UPRR to West Beach)	WAT-P31	Roadway, pedestrian, and bicycle facilities.	\$600	\$600	\$0
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
Pajaro Valley High School Connector Trail	WAT-P42	Install bicycle/pedestrian trail (this trail connects Pajaro Valley High School to Airport Blvd).	\$710	\$710	\$0
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
Riverside (Hwy 129) Bike Facilities	CT-P39	Bicycle facilities - Lee to Lakeview Road. County/City Project -Cost Unknown.	\$0	\$0	\$0
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	\$12	\$0
Union/Brennan (Freedom to Riverside) - Sharrows	WAT-P52	Evaluate and if found necessary, add sharrows to Union/Brennan.	\$12	\$12	\$0
Upper Struve Slough Trail	WAT-P65	Construction of 450 foot long 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
Upper Watsonville Slough Trail	WAT-P43	Install bicycle/pedestrian trail.	\$770	\$770	\$0
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
Watsonville Shuttle	WAT-P27	Year round public transit service.	\$300	\$0	\$300
Watsonville-wide HOV priority	WAT-P56	Evaluate HOV priority at signals and HOV queue bypass.	\$60	\$60	\$0
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
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
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
City of Watsonville Total			\$168,138	\$71,808	\$96,330

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
<i>Consolidated Transportation</i>					
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. Current avg annual need \$2.58M. Constrained=\$2M.	\$56,700	\$46,000	\$10,700
Lift Line Maintenance/Operations Center	CTSA-P02	Construct a permanent maintenance center/consolidated operations facility for paratransit program (currently Lift Line).	\$15,500	\$0	\$15,500
Medical Specialized Transportation for Veterans	CTSA-P06	Non-emergency medical transportation for veterans	\$6,500	\$0	\$6,500
Medically Fragile Specialized Transportation	CTSA-P04	Non-emergency transportation service for medically fragile individuals. Includes operations and capital.	\$5,000	\$0	\$5,000
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
Consolidated Transportation Total			\$105,400	\$46,000	\$59,400
<i>County Health Services Agency</i>					
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.	\$6,500	\$2,200	\$4,300
County Health Services Agency Total			\$6,500	\$2,200	\$4,300
<i>County of Santa Cruz</i>					
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
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
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
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
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
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
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
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

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
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.	\$4,100	\$4,100	\$0
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
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
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
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
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
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
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
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
Branciforte Drive Road Recycle & Overlay (PM 2.4 to Granite Ck Rd)	CO 79	Pavement recycling, asphalt overlay, and restriping of 0.62 miles of Branciforte Drive from Granite Creek to PM 2.4 (0.62 mil). To be constructed with CO 81 (Granite Creek).	\$431	\$431	\$0
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
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
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
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
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

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
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
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
Cassery 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
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
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
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
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
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
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
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
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
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
County wide guardrail	CO-P97	Install guardrail on County roads	\$15,000	\$15,000	\$0
Countywide ADA Access Ramps	CO-P37	Construction of handicapped access ramps countywide.	\$1,240	\$620	\$620
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
Countywide General Road Maintenance and Operations	CO-P35	Ongoing maintenance, repair, and operation of road/street system within the unincorporated areas of the county.	\$495,000	\$446,857	\$48,143
Countywide Sidewalks	CO-P41	Install sidewalks.	\$72,310	\$7,000	\$65,310
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
East Cliff (26th to Moran Way) Sidewalk Improvement	CO-P77	Install sidewalk from 26th south to link to Moran Way.	\$410	\$0	\$410

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
East Cliff Dr Pedestrian Pathway (7th-12th Ave)	CO-P50	Construct pedestrian pathway on East Cliff.	\$1,760	\$1,760	\$0
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
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
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
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
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
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
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
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
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
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
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
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
Freedom Blvd Pavement Preservation (Hwy 1 to Pleasant Vly Rd)	CO 74	Rehabilitate the roadway surface.	\$1,430	\$1,430	\$0
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
Glen Arbor Road Recycle, Overlay, & Chip Seal (SR 9-Quail Hollow)	CO 80	Pavement recycling, asphalt overlay, chip seal, and restriping 0.52 miles of Glen Arbor Road from Hwy 9 at bridge to Quail Hollow Rd. The project will also include a subdrain at a point where a natural spring is causing subgrade destabilization and repairs rutting damage adjacent to bus stops.	\$467	\$467	\$0

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
Glen Canyon Rd Improvements (Branciforte Dr to City of Scotts Valley)	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
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
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
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
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
Granite Creek Rd Improvements (Branciforte Dr to City of Scotts Valley)	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
Granite Creek Road Recycle & Overlay - Part of CO 79B	CO 81	Pavement recycling, asphalt overlay, and restriping of 1.85 miles of Granite Creek Road from Scotts Valley city limits to PM 0.56.	\$1,100	\$1,100	\$0
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
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
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
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
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
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
Highway 17 To Soquel Corridor Chip Seal Project	CO 83	Roadway rehabilitation: Digouts, Chip Seal, and restriping of Vine Hill Rd (Hwy 17 to B40), Branciforte Dr (Vine Hill to PM 0.7), Mt. View Rd (B40-N. Rodeo Gulch), N. Rodeo Gulch Rd (Mt. View-PM 1.97), Laurel Rd (N. Rodeo-Soquel San Jose Rd), and Soquel-San Jose Rd. (Laurel Glen to Dawn Lane) - 9.90 mi.	\$1,881	\$881	\$1,000
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
Hwy 152/Holohan - College Intersection	CO 84	Intersection capacity enhancements and signal modifications, pedestrian and bicycle safety improvements. Add sidewalks and bicycle lanes on Holohan Rd, an additional left-turn lane from Holohan to EB Hwy 152, sidewalk on north side of Hwy 152 from Holohan to Corralitos Creek bridge, adds crosswalks and speed feedback signs.	\$3,150	\$3,150	\$0
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

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
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
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
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
Redwood Rd Bridge Replacement Project	CO-P89	The project will consist of completely replacing the existing steel army tread way bridge crossing a tributary of Brown's Creek on Redwood Road with a reinforced concrete slab bridge and standard bridge approaches.	\$1,310	\$1,310	\$0
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
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
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
San Lorenzo River Valley Trail	CO-P46	15 mile, paved multi-use path for bicyclists and pedestrians from Boulder Creek to Santa Cruz.	\$25,830	\$0	\$25,830
San Lorenzo Valley Trail: Hwy 9 - Downtown Felton Bike Lanes & Sidewalks	CO-P46a	Install sidewalks and bicycle lanes on Hwy 9 through downtown Felton.	\$2,270	\$2,270	\$0
San Lorenzo Valley Trail: Hwy 9 - North Felton Bike Lanes & Sidewalks	CO-P46b	Install sidewalk/pedestrian path on west side, shoulder widening to 5' for bicycle lanes from Felton-Empire/Graham Hill Rd to Glen Arbor Road, Ben Lomond, including frontage of SLV elementary, middle and high schools. Includes new and replacement bike/ped bridges.	\$7,640	\$7,640	\$0
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
Scotts Valley Area Routes Chip Seal Project	CO 85	Roadway rehabilitation: Digouts, Chip Seal, and restriping Mt. Hermon Rd (PM 1.31 to SV city limits), Lockewood Ln (GH-SV city limits), and Graham Hill Rd (Sims to Lockewood) - 2.76mi	\$940	\$940	\$0
Seacliff 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
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.	\$3,400	\$3,400	\$0
Seascape Blvd Improvements (Sumner Ave to San Andreas Rd)	CO-P26s	Roadway improvements and pavement rehabilitation.	\$620	\$170	\$450
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
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

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
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
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.	\$7,540	\$1,885	\$5,655
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
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
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
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
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.	\$1,240	\$340	\$900
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
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
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
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
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
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
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
Thurwachter Road Bike Lanes	CO-P68	Install bicycle lanes.	\$50	\$0	\$50

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
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
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
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
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
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
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
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
Winkle Ave Improvements (entire length from Soquel Dr)	CO-P27l	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
Zayante Road Corridor Chip Seal Project	CO 86	Roadway rehabilitation: Digouts, Chip Seal, and restriping East Zayante & Upper E. Zayante from Quail Hollow to SR 35 (up to 9.07mi). Project to be scaled to match available funds	\$1,725	\$1,025	\$700
County of Santa Cruz Total			\$915,568	\$565,675	\$349,893

Ecology Action

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
Ecology Action Countywide SRTS Youth Pedestrian and Bicycle Safety Education	EA 02	EA will serve approximately 120 second grade classrooms with 'feet on the ground' pedestrian safety education and 88 fifth grade classrooms with bike safety education and 'rodeos' serving a total of 44 local schools.	\$8,360	\$440	\$7,920
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.	\$2,320	\$1,135	\$1,185
Every Day is Bike to Work Day	EA 03	Pilot bike commuter initiative to increase bike commuting at 6 large employers in Santa Cruz, Live Oak, and Watsonville areas; includes bike commute and safety workshops, online tracking apps/systems, support/encouragement	\$3,360	\$60	\$3,300

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
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
Ecology Action Total			\$18,810	\$3,705	\$15,105
SCCRTC					
Bicycle Route Signage Countywide	RTC 32	Define routes, develop and install signs directing bicyclists to preferred routes to various destinations countywide.	\$600	\$600	\$0
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.	\$550	\$210	\$340
County-wide Bicycle, Pedestrian and Vehicle Occupancy Counts	RTC-P50	Conduct counts to assess mode split over time and assess impact of new facilities.	\$432	\$232	\$200
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.	\$5,290	\$2,640	\$2,650
Environmental Assessment, Economic and Other Analyses of Options for Rail Corridor	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
Freeway Service Patrol (FSP) on Hwy 1 and Hwy 17	RTC 01	Maintain and expand tow truck patrols on Highways 1 and 17. Work with the CHP to quickly clear collisions, remove debris from travel lanes, and provide assistance to motorists during commute hours to keep incident related congestion to a minimum and keep traffic moving. Avg need: \$300k/yr constrained (some from SB1); \$430k/yr total cost.	\$9,460	\$6,600	\$2,860
MBSST - North Coast Rail Trail	TRL 5	Monterey Bay Sanctuary Scenic Trail Network (MBSST) sections ph. 1 Wilder Ranch-Coast Dairies (5.1 mi); ph. 2-Yellow Bank Beach/Panther Beach-Davenport (2.1 mi).	\$20,000	\$20,000	\$0
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
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.	\$16,500	\$16,500	\$0
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.	\$1,030	\$1,030	\$0

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
Monterey Bay Sanctuary Scenic Trail Network - Design, Environmental Clearance, and Construction	RTC 27a	Design, environmental clearance and construction 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.)	\$80,500	\$41,500	\$39,000
Monterey Bay Sanctuary Scenic Trail Network (Coastal Rail Trail) - Maintenance	RTC 27b	Maintenance of the rail trail component of the Monterey Bay Sanctuary Scenic Trail Network - ongoing clean-up, trash/recycling removal, graffiti abatement, brush clearance, surface repairs (from drainage issues, tree root intrusion) etc.	\$9,600	\$4,800	\$4,800
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.	\$1,650	\$220	\$1,430
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.	\$5,680	\$1,870	\$3,810
Rail and Trail Corridor Management and Maintenance	RTC-P03	Operating expenses for rail line oversight. Avg annual cost:\$175K/yr.	\$3,850	\$3,850	\$0
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
Rail Transit: Watsonville-Santa Cruz Corridor	RTC-P02	Design, construction, and operation of fixed guideway public transit between Santa Cruz and Watsonville. May be a joint project with the SCCRTC, SCMTD, and local jurisdictions. Annual op cost est: \$5-10M/yr; capital: \$31.5M-\$133M depending on service area and frequency (Total cost reflects Scenario G from 2015Rail Transit Study). Cost shown for 15 years of service during RTP period.	\$283,000	\$0	\$283,000
Railroad Infrastructure Maintenance and Rehabilitation	RTC 36	Protect, maintain and rehabilitate the railroad infrastructure on the Santa Cruz Branch Rail Line including bridges, track, drainage, culverts, signals, etc.	\$22,410	\$22,410	\$0
Real-Time Transit Info	RTC-P58	Develop and maintain distribution channel 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
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
Regional State Transit Assistance Projects	RTC-P60	State Transit Assistance (STA) eligible transit projects	\$33,220	\$33,220	\$0
RTC Bikeway Map	RTC-P49	Update, print and distribute free SC County Bikeway Map and update GIS files as needed.	\$320	\$320	\$0
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: \$245/yr	\$5,390	\$5,390	\$0
Santa Cruz Branch Rail Line Improvements	RTC 03a	Infrastructure preservation for current uses and future transportation purposes.	\$570	\$570	\$0
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

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
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
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.	\$2,690	\$1,100	\$1,590
Shared Parking Program	RTC-P57	Develop tools to allow adjacent property owners to develop and share parking facilities.	\$150	\$50	\$100
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
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
SCCRTC Total			\$572,732	\$199,482	\$373,250
SCCRTC/Caltrans					
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
2 - Hwy 1: Auxiliary Lanes from 41st Ave to Soquel Ave and Chanticleer Bike/Ped Bridge	RTC 24f	Construct auxiliary lanes and a bicycle/pedestrian overcrossing of Hwy 1 at Chanticleer Ave. Caltrans Project ID 05-0C732	\$32,100	\$32,100	\$0
3 - Hwy 1 Auxiliary Lanes: State Park Dr-Park Ave and Park Ave-Bay/Porter	RTC 24e	Construct approximately 2.5 miles of auxiliary lanes northbound and southbound between State Park Dr and Park Ave interchange and the Park Ave and Bay/Porter interchange. Includes retaining walls, soundwalls and reconstruction of Capitola Avenue overcrossing with wider sidewalks and bike lanes. [Part of Highway 1 CIP project (RTC 24a)]	\$73,000	\$73,000	\$0
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
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
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.]	\$113,810	\$0	\$113,810
91 - Hwy 1: Reconstruction of 2 Railroad Crossings in Aptos.	RTC 24o	Reconstruct two railroad crossings over Highway 1 in Aptos. [Part of Highway 1 CIP project (RTC 24a), but listed as a standalone project.]	\$41,100	\$0	\$41,100

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
92 - Hwy 1: Auxiliary Lanes from Rio Del Mar Blvd to State Park Dr Including Bridge over Aptos Creek	RTC 24p	Construct auxiliary lanes and reconstruct bridge over Aptos Creek. [Part of Highway 1 CIP project (RTC 24a), but listed as a standalone project.]	\$66,800	\$0	\$66,800
93 - Hwy 1: Auxiliary Lanes from Freedom Blvd to Rio Del Mar Blvd	RTC 24q	Construct auxiliary lanes. [Part of Highway 1 CIP project (RTC 24a), but listed as a standalone project.]	\$16,700	\$0	\$16,700
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
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
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
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
98 - Hwy 1: TSM Project from Morrissey to San Andreas Rd.	RTC 24n	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
Hwy 1 Bicycle/Ped Overcrossing at Mar Vista	RTC 30	Construct a bicycle/pedestrian overcrossing of Hwy 1 in vicinity of Mar Vista Drive, providing improved access to Seacliff and Aptos neighborhoods and schools.	\$7,800	\$7,800	\$0
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
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
SCCRTC/Caltrans Total			\$683,020	\$121,700	\$561,320
SCMTD					
ADA Access Improvements	MTD-P51	Add or improve ADA accessibility to all bus stops and METRO facilities.	\$4,222	\$350	\$3,872
ADA Paratransit Service - Continuation of Existing Service	MTD-P10C	Operation & maintenance cost of existing Paratransit service. Avg Annual Cost: \$5.5M.	\$121,000	\$121,000	\$0

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
ADA Paratransit Vehicle Replacements	MTD 02	Replace buses/vans for ADA paratransit fleet (including Accessible Taxi program).	\$14,040	\$6,000	\$8,040
ADA Service Expansion	MTD-P11	Add capacity to meet increased trip demand thru 2040. Assumes 2% increase/year starting in 2019.	\$2,500	\$1,050	\$1,450
Automatic Vehicle Locator and Automatic Passenger Counter Systems	MTD 24	Automatic Vehicle Locator (AVL), Automatic Passenger Counters, and automatic vehicle announcing systems on METRO buses. Provide real time bus arrival/departure displays at bus stops. Necessary IT upgrades and data collection for system operations, security, planning and maintenance.	\$3,200	\$3,200	\$0
Bike Station at Capitola Mall	MTD-P23	Establish bike station at Capitola Mall, especially to serve UCSC. Would be joint mall, UCSC, MTD project.	\$1,030	\$0	\$1,030
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
Bus on Shoulder	MTD-P57	Plan, design, seek Caltrans approvals, and construct improvements to utilize freeway shoulders to bypass congestion on Highway 1 and possibly Highway 17 to speed inter-city bus service	\$12,000	\$0	\$12,000
Bus Rapid Transit	MTD-P15	Construct park & ride lots, transit centers and grade-separation where feasible to operate bus rapid transit to reduce congestion on Highway 1.	\$26,780	\$0	\$26,780
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.	\$5,250	\$5,250	\$0
Bus Replacements	MTD-P04	Replace fleet at the end of normal bus lifetime (approximately every 12 years; \$675 each for local fixed route; \$900k each for Hwy 17 Over the Road coaches).	\$142,420	\$73,000	\$69,420
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
Commuter/Subscription Bus Program	MTD-P18	Capital and operating for subscription buses to areas not currently served by express buses (similar to large vanpool).	\$2,070	\$0	\$2,070
Customer IT amenities	MTD-P55	Upgrade Hwy 17 Wi-Fi and expand to local routes; real-time bus arrival website.	\$1,010	\$0	\$1,010
Deviated Fixed-Route Pilot Program	MTD-P43	Pilot project allowing buses to make minor route modifications to address needs of senior and disabled riders.	\$100	\$0	\$100
Electric Non-Fleet Vehicles	MTD-P47	Replace non-revenue vehicles to EV.	\$580	\$0	\$580
EV Fast Charging Stations	MTD-P48	Install 5 electric vehicle charging stations at transit centers.	\$1,030	\$0	\$1,030
Hwy 1 Express Buses	MTD-P27	Hwy 1 express bus replacements - 6 Buses @ \$500k ea. Replace every 12 years.	\$6,200	\$0	\$6,200
Hwy 17 Express Service - Continuation of Baseline Service Levels	MTD-P10B	Operation & maintenance cost of existing Highway 17 Express bus service. Avg annual cost: \$4.5M.	\$99,000	\$99,000	\$0
Hwy 17 Express Service Restoration and Expansion	MTD-P12	Restore Hwy 17 Express service to FY16 levels, then expand service 2% annually. Restore \$300K/yr operating plus 2% annually plus capital costs (2 buses)	\$10,000	\$4,000	\$6,000
Inter-County Paratransit Connection	MTD-P44	Establish paratransit connection location with Santa Clara County.	\$1,290	\$0	\$1,290
Local Transit - Continuation of Baseline Service Levels 2019-2040	MTD-P10	Operation & maintenance cost of existing local fixed route bus service. Avg annual cost: \$38M.	\$836,000	\$836,000	\$0

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
Local Transit Service Restoration and Expansion	MTD-P14	Restore local service to FY16 levels, then expand service 2% annually. Restore \$6.2M/yr operating plus 2% annually plus capital costs (16 buses)	\$173,000	\$72,000	\$101,000
Maintenance Facility Expansion	MTD-P38	Property acquisition, design, and construction of maintenance facility expansion.	\$15,850	\$0	\$15,850
Metro facilities repair/upgrades	MTD-P36	Maintain and upgrade facilities.	\$6,270	\$4,300	\$1,970
Metro rebranding	MTD-P58	Develop marketing program and establish consistent brand with uniform signage, letterhead, ads.	\$500	\$0	\$500
Non-Revenue Vehicle Replacements	MTD-P32	Replace support vehicles.	\$3,450	\$1,200	\$2,250
Pacific Station- Bike Station	MTD-P49	Establish bike station at Pacific Station.	\$410	\$0	\$410
ParaCruz Mobile Data Terminals; Radios	MTD-P30	Replace mobile data terminals in vehicles	\$760	\$400	\$360
ParaCruz Operating Facility	MTD-P28	Design, Right-of-Way and construction for new ParaCruz Operating Facility.	\$12,400	\$0	\$12,400
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
Replacement of Watsonville Transit Center	MTD-P56	Replacement transit center at existing or new location.	\$25,000	\$0	\$25,000
Replacement Transit Fareboxes, Ticket Vending Machines, and Fare System Enhancements	MTD 18	Upgrade GFI Farebox system to enable fare media loading, tracking, registration, interoperability via internet. Necessary IT upgrade. System Integrator to analyze and propose integrated fare media strategy. Replacement fareboxes at end of useful life. Replacement of Ticket Vending Machines at end of useful life.	\$5,550	\$1,000	\$4,550
Santa Cruz Metro Center/Pacific Station Renovation	MTD 13	Renovate Pacific Station or construct new transit center in alternate location.	\$25,000	\$0	\$25,000
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.	\$17,125	\$0	\$17,125
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
Small Bus Fleet	MTD-P24	Purchase smaller buses for travel through residential neighborhoods. Cost currently unknown.	\$1,700	\$0	\$1,700
Solar Panels for Souza Operations Facility	MTD-P29	Energy reduction through installation of solar panels on the new Judy K. Souza Operations Facility	\$2,000	\$0	\$2,000
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
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.	\$1,240	\$0	\$1,240
Transit Security and Surveillance Systems	MTD-P33	Enhance passenger safety and facilities security. Emergency response systems.	\$1,140	\$0	\$1,140

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
Transit System Technology Improvements	MTD-P35	Automated Data Processing software, telephones, portable computers, servers, Customer Information Kiosks, digital ID processing equipment. Maintain and upgrade office software and hardware, bandwidth, web site, phone network, to enhance productivity, customer service and maintain functionality.	\$5,490	\$1,000	\$4,490
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
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.	\$260	\$0	\$260
SCMTD Total			\$1,674,067	\$1,231,750	\$442,317
<i>Seniors Council</i>					
Senior Employment Ride Reimbursement	RTC-P43	Reimburse low income seniors for transit expenses to/from employer sites.	\$1,600	\$1,600	\$0
Seniors Council Total			\$1,600	\$1,600	\$0
<i>UCSC</i>					
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
Alternative Fuel/Electric Shuttle Vehicles	UC-P22	Capital acquisition of vehicles/conversion of shuttles to EV.	\$10,330	\$0	\$10,330
Bike Shuttle Vehicle Acquisition	UC-P51	Acquire more alt fueled vehicles for bike shuttle (and possible expansion).	\$520	\$0	\$520
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
College Nine/Communications Pedestrian Bridge	UC-P39	Construct pedestrian bridge.	\$1,030	\$0	\$1,030
College Nine/Crown College Pedestrian Bridge	UC-P37	Construct pedestrian bridge.	\$1,550	\$0	\$1,550
Coolidge Overlook	UC-P42	Improve overlook for parking, benches and signage for Sanctuary.	\$620	\$0	\$620
Disability Van Service	UC-P75	Operate disability van service (\$240k/yr).	\$5,450	\$5,450	\$0
East Collector Transit Hub	UC-P46	New transit hub at East Collector (East Remote) lot.	\$5,170	\$0	\$5,170
Electric Vehicle Charging Stations	UC-P65	Add additional electrical infrastructure and install electric vehicle charging stations around campus.	\$810	\$310	\$500
Great Meadow Bike Path Safety Improvements	UCSC 07	Bike path safety and maintenance improvements: Reconstruct and widen Class 1 bike path, separate pedestrian improvements northbound to minimize conflicts.	\$1,135	\$1,135	\$0
Hagar/McLaughlin Intersection Improvements	UC-P10	Signal, pedestrian safety improvements(including new crosswalk) and roadway improvements.	\$520	\$0	\$520
Hagar/Steinhart Intersection Improvements	UC-P14	Signal, pedestrian safety improvements, transit, roadway improvements.	\$1,030	\$0	\$1,030
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

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
Heller Drive Bicycle Lanes (Empire Grade to Porter College)	UC-P56	Add Class II bicycle lanes in downhill direction as feasible.	\$830	\$0	\$830
Kerr/Porter Rd Pedestrian Bridge ADA Upgrades	UC-P72	Modify bridge to improve access.	\$3,100	\$0	\$3,100
Kresge/Core West Pedestrian Bridge: ADA Upgrades	UC-P57	Modify bridge to enhance ADA access.	\$3,100	\$3,100	\$0
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
Meyer Drive Extension/Jordan Gulch Bridges	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
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
Northern Loop Roadway	UC-P07	Construct new roadway, including bicycle lanes, on upper campus. Will be phased. Phase I: Chiquapin Extension to support Social Science 3.	\$18,590	\$0	\$18,590
Parking Management Technology Improvements	UC-P68	Updating existing parking management technologies to allow for more effective management, additional parking management at Coastal Marine Campus and 2300 Delaware site.	\$410	\$410	\$0
Pedestrian Directional Map/Wayfinding System	UC-P38	Develop and install signs throughout campus.	\$520	\$520	\$0
Porter/Performing Arts Pedestrian Bridge	UC-P36	Construct pedestrian bridge.	\$1,030	\$0	\$1,030
Science Hill/North Academic Core Pedestrian Bridge	UC-P40	Construct pedestrian bridge.	\$1,030	\$0	\$1,030
Sidewalk/Pedestrian Improvements	UC-P50	Widen sidewalks/improve ped access in areas of campus.	\$5,170	\$0	\$5,170
Spring Street Bikeway	UC-P34	Construct bikeway connecting Spring Street to Hagar Ct.	\$310	\$0	\$310
Steinhart Way Multimodal Improvements	UC-P03	Roadway improvements for shuttles, bikes and pedestrians.	\$520	\$0	\$520
Transit Pullouts and Shelters Enhancements	UC-P19	Construction and installation of transit pullouts and reconstruction of shelters throughout campus.	\$1,550	\$0	\$1,550
Transit Vehicles (ongoing)	UC-P23	Ongoing capital acquisition of transit vehicles for on-campus transit and University shuttles.	\$5,170	\$5,170	\$0
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
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
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
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
UCSC Bicycle Parking Improvements	UC-P33	Install bicycle parking facilities to serve bicycle commuters to the University.	\$520	\$520	\$0
UCSC Bike Loan Program	UC-P52	Develop and implement a bike loan program for UC students.	\$1,030	\$0	\$1,030

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
UCSC Bike Showers/Storage Lockers	UC-P32	Install showers and storage facilities to serve bicycle commuters to the University.	\$620	\$0	\$620
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
UCSC Commuter Incentive Programs	UC-P70	Provide ongoing support and development of new programs to encourage travel to campus via sustainable modes of travel.	\$1,550	\$1,550	\$0
UCSC Lump Sum Roadway Maintenance	UC-P59	Repaving and rehabilitation of roadways on UCSC campus to maintain existing network.	\$10,330	\$3,100	\$7,230
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
UCSC Parking Operations & Maintenance	UC-P73	Operate and administer the parking operations for UCSC including planning, TDM, marketing and debt service.	\$70,450	\$70,450	\$0
UCSC Pedestrian/Transit Zone	UC-P44	Pedestrian safety improvements including, colored/textured asphalt and signage at various locations on core campus roadways.	\$1,030	\$0	\$1,030
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
UCSC Transit Service	UC-P74	Operate the on campus shuttle service and Night Owl (\$3.01m/year).	\$68,410	\$68,410	\$0
UCSC Vanpool Program	UC-P63	Maintain, operate and expand upon UCSC vanpool program.	\$8,680	\$8,680	\$0
Zimride Emergency Preparedness Database	UC-P67	Creating a new database through Zimride to have emergency response evacuation of UCSC campus.	\$310	\$0	\$310
UCSC Total			\$288,095	\$178,445	\$109,650
<i>Various Agencies</i>					
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
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
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
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
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

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
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.	\$1,560	\$780	\$780
Carsharing Program	VAR-P06	Program to assist people in sharing a vehicle for occasional use. Implementing Agency TBD, varies.	\$2,580	\$1,290	\$1,290
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
Complete Streets Implementation	VAR-P27	Additional projects for complete streets implementation that would fall under the Complete Streets Guidelines.	\$10,330	\$10,330	\$0
Coolidge Drive Reconstruction	VAR-P23	Reconstruction of roadway and bike lane.	\$3,100	\$0	\$3,100
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
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.)	\$800	\$80	\$720
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
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.	\$3,400	\$1,000	\$2,400
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
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.	\$8,260	\$0	\$8,260
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
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
Lump Sum Bridge Preservation	VAR-P14	Painting, Barrier Rail Replacement, Low Water Crossing, Rehab, and Replacement bridges for SHOPP and Highway Bridge Program (HBP).	\$54,500	\$54,500	\$0

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
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.)	\$23,370	\$23,370	\$0
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
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
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
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.	\$8,260	\$2,260	\$6,000
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
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
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
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
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
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
Safe Routes to Schools Studies	VAR-P10	Studies to assess pedestrian and bicycle safety near schools.	\$210	\$210	\$0
Safety Plan	VAR-P36	Develop a safety plan that addresses traffic related injuries and fatalities for all modes of transportation.	\$310	\$310	\$0
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 annual cost - \$100k/yr)	\$2,000	\$200	\$1,800
School Complete Streets Projects	VAR-P35	Implement ped/bike programs and facilities near schools.	\$10,330	\$10,330	\$0

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
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, busing 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
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
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
Transit Priority	VAR-P34	Install transit queues at major intersections.	\$5,170	\$2,585	\$2,585
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
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
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
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
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
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
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
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
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
Various Agencies Total			\$275,746	\$197,840	\$77,906
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Volunteer Center					
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
Volunteer Center Total			\$3,750	\$1,640	\$2,110

All Figures in year 2016, '000s (thousands of dollars)

Project Title	ID	Project Description/Scope	Est total cost	Constrained	Unconstrained
<i>Watsonville Airport</i>					
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, and runway extensions.	\$21,700	\$21,700	\$0
Watsonville Municipal Airport Operations	AIR-P02	Ongoing operations/maintenance. Average \$2M/year.	\$44,000	\$44,000	\$0
Watsonville Airport Total			\$65,700	\$65,700	\$0
Total Within Projected Funds (Constrained)				\$3,757,313	
Minimum New Funds Needed (Unconstrained)				\$3,356,681	
*For some projects no cost estimate was available thus was not included in this total					