

# APPENDIX E: PROJECT LIST



## 2050 Regional Transportation Plan Project List

Constrained and Unconstrained Projects - Costs Not Escalated

All Figures in \$1,000s (thousands of dollars)

### ACTION ELEMENT

The 2050 Regional Transportation Plan project list outlines anticipated transportation needs in Santa Cruz County from 2025 through 2050. Projects are listed alphabetically by name, organized by the lead agency. Project IDs without a preceding 'P' are also included in the Regional Transportation Improvement Program (RTIP). Costs shown are in thousands of dollars (\$000s). The estimated costs are based on current year (unescalated) estimates and will be refined as projects are implemented.

#### Fiscally Constrained Estimates

Projects with constrained funding represent priority initiatives that could be realized with projected revenues through 2050, including dedicated and already programmed funds. Although some projects have secured funding, this typically does not represent fully committed amounts.

#### Unconstrained Funding Estimates

The unconstrained funding amount indicates the financial gap between available resources and the total cost required to complete the project.

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
<b>Bike Santa Cruz Co</b>					
VAR 02	Project PASEO - Open Streets, Earn-a-Bike, Pop Up Bike Lanes, Slow Streets	<i>Extension and expansion of Watsonville Community Bike Rides. Slow Streets temporary barricades and signage on neighborhood streets aimed at increasing space for walking and biking, reducing speeds and cutthrough traffic. Open Streets community events temporarily open roadways to bicycle and pedestrian travel only, diverting automobiles to other roadways. Earn-a-bike program provides bikes, tools, safety supplies, as well as bike repair, cycling safety, and nutrition education middle school students. Pop-up bike lanes is a temp demo of a protected bicycle lane. (est. \$120k/yr).</i>	\$3,000	\$50	\$2,950
<b>Total Bike Santa Cruz Co Projects: 1</b>			<b>\$3,000</b>	<b>\$50</b>	<b>\$2,950</b>

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
Caltrans					
CT-P83	Downtown Watsonville Pedestrian Safety Project (EA 05-1Q150)	<i>Install curb extensions and high-visibility crosswalks for enhanced pedestrian safety.</i>	\$10,126	\$10,126	
CT-P74	Hwy 1 Pavement Project (EA 05-1M110)	<i>Preserve pavement and replace 87 ADA ramps as needed. Enhance crosswalk striping; add pedestrian refuge islands; extend sidewalk for use as a bus stop in 2 locations.</i>	\$21,200	\$21,200	
CT-P65	Hwy 1 Roadside Safety (EA 05-1J96U)	<i>Rehabilitate drainage systems, enhance highway worker safety, replace lighting and install Transportation Management System (TMS) elements. Includes EA 05-1J960; 05-1J961; 05-1J962.</i>	\$31,511	\$31,511	
CT 34	Hwy 1 Scott Creek Coastal Resiliency Project (EA 05-1M720)	<i>In Santa Cruz County on Route 1, restore the Scott Creek estuary located about 2 miles north of Davenport. Replace Scott Creek Bridge (36 0031) with longer bridge.</i>	\$125,000	\$25,000	\$100,000
CT-P75	Hwy 1 Wildlife Crossing & Drainage Improvement Project (EA 05-1M530)	<i>Culvert replacement with consideration of wildlife access across the Highway 1 (Main St interchange in Watsonville to north of Larkin Valley Rd interchange).</i>	\$19,564	\$19,564	
CT-P63	Hwy 129 Hwy 1 through Watsonville Pavement Project (EA 05-1J830)	<i>Rehabilitate pavement and lighting, replace sign panels, and install Transportation Management System (TMS) elements.</i>	\$17,068	\$17,068	
CT-P79	Hwy 129 Watsonville to County Line Pavement Project (EA 05-1R340)	<i>Preserve pavement, rehabilitate 2 drainage systems. (Salsipuedes Creek to Old Chittenden Road).</i>	\$16,400	\$16,400	
CT-P85	Hwy 152 East of Watsonville Pavement (AMT 24050)	<i>Pavement preservation, drainage restoration, and proactive safety on SR-152 from PM 4.14 to PM 8.29. This project is on Caltrans' 10-Year Plan and is not yet a project.</i>	\$1		\$1
CT-P82	Hwy 152 Pavement and Complete Streets (EA 05-1P110)	<i>Preserve pavement, install bike lanes, install curb extensions, enhance crosswalks to high-visibility striping, install new crosswalks, consider installation of enhanced pedestrian crossing features such as pedestrian hybrid beacons and rectangular rapid flashing beacons. Road diet (Freedom/SR-152 to Main/Beach St) - convert 4 lanes (2 each direction) to 3 lanes (1 each direction + center turn lane); widen sidewalk.</i>	\$44,715	\$44,714	\$1
CT-P73	Hwy 17 Drainage Improvements (EA 05-1K670)	<i>Construct and install stormwater quality Best Management Practices (BMPs) and rehabilitate drainage systems.</i>	\$10,052	\$10,052	
CT-P80	Hwy 236 Boulder Creek Bridge Scour Repair Project (EA 05-1P240)	<i>Repair scour on bridge abutment at Boulder Creek Bridge on State Route 236.</i>	\$13,400	\$13,400	
CT 09	Hwy 9 Felton Pedestrian Safety Project (EA 05-1M400)	<i>Construct 4-6-foot-wide sidewalks, curbs, and gutters on the southbound side of State Route 9 from Graham Hill Road to the San Lorenzo Valley School Complex.</i>	\$27,300	\$27,300	

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
CT-P76	Hwy 9 Felton South Santa Cruz 9 CAPM (EA 05-1K890)	<i>Preserve pavement, rehabilitate 5 drainage systems, install 2 TMS, construct sidewalk in Felton from Kirby to Laurel west side and Kirby to Russell east side. (El Solyo Heights in Felton to north of SR 1 in Santa Cruz). EA 05-1K890. Complete Streets enhancement in RTC 36.</i>	\$25,037	\$25,037	
CT-P59	Hwy 9 San Lorenzo River Bridge & Kings Creek Bridge Replacement (EA 05-1H470)	<i>Replace bridges to maintain standards of safety and reliability.</i>	\$21,150	\$21,150	
CT-P60	Hwy 9 Upper Drainage and Erosion Control Improvements (EA 05-1G950)	<i>Replace failed culverts systems and construct energy dissipaters.</i>	\$14,432	\$14,432	
CT-P77	Hwy 9 Upper Pavement Project (EA 05-1K900)	<i>Preserve pavement, reconstruct guardrail, rehabilitate drainage systems. (Saratoga Toll Rd in Boulder Creek to SR 35/county line).</i>	\$13,145	\$13,145	
CT-P81	Hwy 9 Waterman Gap Fish Passage (EA 05-1K901)	<i>Replace Waterman Gap culvert with a bridge to improve fish passage. (Includes federal Culvert Aquatic Organism Passage (AOP) grant amount of \$6,000,000 and \$2,000,000 from State Parks).</i>	\$11,707	\$11,707	
CT-P46	SHOPP Collision Reduction & Emergency Projects	<i>Various SHOPP projects that address collision reduction, mandates (including stormwater mandates) and emergency projects. (Constrained=30% of total cost).</i>	\$908,618	\$225,000	\$683,618
CT-P45	SHOPP Highway Preservation (Bridge, Roadway, Roadside)	<i>Various SHOPP projects that address bridge preservation, roadway &amp; roadside preservation and some mobility improvements. (Constrained=30% of cost to maintain). Includes repaving, culverts, etc.</i>	\$707,844	\$204,225	\$503,619
CT-P47	SHOPP Minors	<i>Various small SHOPP projects (Capital Costs less than \$1.25 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).</i>	\$8,950	\$1,200	\$7,750
CT-P84	Waddell Creek Bridge Replacement (EA 05-1R420)	<i>Replace and raise Waddell Creek bridge (Br No 36-0065) for sea-level rise resilience. Add a Class 1 multiuse path to new bridge structure. Cost, schedule, and scope details to be further developed. .</i>	\$42,350	\$42,350	
Total Caltrans Projects: 21			\$2,089,570	\$794,581	\$1,294,989

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
Capitola					
CAP-P38	40th Ave & Clares St Intersection Improvements	<i>Widen intersection and signalize.</i>	\$1,600	\$600	\$1,000
CAP-P46	40th Ave (at Deanes Ln) Bike/Ped connection	<i>40th Avenue N/S bike/pedestrian connection at Deanes Lane.</i>	\$30	\$30	
CAP-P47	41st Ave (Highway 1 South to City Limits) Crosswalks	<i>Evaluate and if found necessary, increase number of crosswalks on 41st to closer to every 300 ft.</i>	\$400	\$400	
CAP 22	41st Ave Pavement Rehabilitation and Multimodal Improvements	<i>Pavement rehabilitation, lane selection improvements for the freeway, and upgrades for pedestrian and bicycle facilities along approximately 0.5 miles of 41st Avenue and Gross Road.</i>	\$2,500	\$2,500	
CAP-P40	46th/47th Ave (Clares to Cliff Dr) Bike Lanes/Traffic Calming	<i>46th/47th from Clares to Portola/Cliff - Add traffic calming and wayfinding signage to connect to Brommer and MBSST.</i>	\$100	\$100	
CAP 16	Bay Ave Corridor	<i>Modify interseciton to install a roundabout or traffic signal to improve access and safety, integrating bike and pedestrian facilities. This project will complete environmental clearance and final design for construction of complete streets improvements, including single-lane roundabouts at Bay/Hill Street and Bay/Capitola Avenue. Planned improvements include ADA-compliant curb ramps, pedestrian refuge islands, buffered bicycle facilities, high-visibility crosswalks, lighting, drainage, landscaping, signage, striping, and utility coordination.</i>	\$8,000	\$8,000	
CAP-P29	Bay Avenue Traffic Calming and Bike/Ped Enhancements	<i>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.</i>	\$1,000		\$1,000
CAP-P07	Bay Avenue/Hill St Intersection Modification/ Roundabout	<i>Modify intersection to install a roundabout or traffic signal to improve access and safety, integrating bike and pedestrian facilities.</i>	\$5,000	\$3,500	\$1,500
CAP-P32	Bay Avenue/Monterey Ave Intersection Modification	<i>Modify interseciton to install a roundabout or traffic signal to improve access and safety, integrating bike and pedestrian facilities.</i>	\$400	\$400	
CAP-P41	Brommer/Jade/Topaz St Bike Lanes/Traffic Calming (Western City Limit on Brommer to 47thAve)	<i>Add buffered bike lanes, traffic calming and wayfinding signage and bike/ped priority crossing at 41st Ave, connecting the two N/S neighborhood greenways.</i>	\$70	\$70	
CAP-P48	Capitola Mall (Capitola Rd to Clares) Bike Path	<i>Separated bicycle facility through Capitola Mall parking lot to connect 38th Ave bike lanes and 40th Ave.</i>	\$250	\$250	
CAP-P53	Capitola Rd & 45th Ave Intersection Improvements	<i>Intersection modification for capacity, multimodal access, and safety improvements.</i>	\$400	\$400	
CAP-P15	Capitola Shuttle Transit Service	<i>Purchase and operate local transit service.</i>	\$3,000		\$3,000

Capitola

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
CAP-P34	Capitola Village Enhancements: Capitola Ave	<i>Multimodal enhancements along Capitola Avenue.</i>	\$1,000	\$400	\$600
CAP-P04b	Capitola Village Multimodal Enhancements - Phase 2/3	<i>Multimodal enhancements in Capitola Village along Stockton Ave, Esplanade, San Jose Ave, &amp; Monterey Av. Includes sidewalks, bike lanes, bike lockers, landscaping, improve transit facilities, parking, pavement rehab and drainage.</i>	\$5,000		\$5,000
CAP-P27	Citywide Accessible Ramps	<i>Install accessible ramps on sidewalks citywide.</i>	\$400	\$400	
CAP-P52	Citywide Bike Projects	<i>Bike projects based on needs identified through the Bicycle Plan. These projects are in addition to projects listed individually in the RTP.</i>	\$3,194	\$3,194	\$0
CAP-P06	Citywide General Maintenance and Operations	<i>Ongoing maintenance, repair, and operation of road/street system, including bicycle and pedestrian facilities, within the City limits.</i>	\$55,000	\$25,114	\$29,886
CAP-P50	Citywide HOV priority	<i>Evaluate HOV priority at signals and HOV queue bypass.</i>	\$100	\$100	
CAP-P51	Citywide Sidewalk Program	<i>Fill gaps in sidewalks and sidewalk access ramps. .</i>	\$2,250	\$1,250	\$1,000
CAP-P17	Citywide Traffic Calming	<i>Install traffic calming/neighborhood livability improvements.</i>	\$1,500		\$1,500
CAP-P42	Clares St Bike Lanes/Sharrows (Capitola Rd to 41st Ave)	<i>Evaluate and if found necessary, add bike lanes/sharrows to Clares.</i>	\$150	\$150	
CAP-P16	Clares Street Pedestrian Crossing west of 40th Ave	<i>Construct signalized ped x-ing 0.20 miles west of 40th Ave.</i>	\$300	\$300	
CAP-P05	Cliff Drive Resiliency Project & Improvements	<i>Installation of sidewalks, pedestrian crossing and slope stabilization of embankment including seawall.</i>	\$10,000	\$8,000	\$2,000
CAP-P58	Lower 41st Ave Pavement Rehabilitation and Multimodal Improvements	<i>Pavement rehabilitation and multimodal improvements on 41st Ave from Capitola Rd to City limits.</i>	\$3,000		\$3,000
CAP-P56	Monterey Avenue and Park Avenue Intersection Improvements	<i>Intersection modification for capacity, multimodal access, and safety improvements.</i>	\$500		\$500
CAP-P28	Monterey Avenue at Depot Hill	<i>Improve vehicle ingress and egress to Depot Hill along Escalona Ave and improve pedestrian facilities.</i>	\$400	\$400	
CAP-P12	Monterey Avenue Multimodal Improvements	<i>Installation of sidewalks and bike lanes in area near school and parks.</i>	\$500	\$500	
CAP-P09	Park Avenue/Kennedy Drive Improvements	<i>Construct intersection improvements, especially for bikes/peds. May include traffic signal.</i>	\$800	\$300	\$500
CAP-P55	Porter Street and Highway 1 Intersection Improvements	<i>Add additional dedicated right turn lane on Porter St to northbound on ramp.</i>	\$1,300	\$1,300	
CAP-P57	Stockton Ave and Capitola Avenue Intersection Improvements	<i>Intersection modification for capacity, multimodal access, and safety improvements.</i>	\$500	\$500	
CAP-P07p	Stockton Ave Bridge Rehab	<i>Replace bridge with wider facility that includes standard bike lanes and sidewalks.</i>	\$20,000	\$10,000	\$10,000

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
CAP-P03	Upper Capitola Avenue Improvements	<i>Installation of bike lanes and sidewalks on Capitola Av. (Bay Av.-SR 1) and sidewalks on Hill St. from Bay Av. to Rosedale Av.</i>	\$1,500	\$500	\$1,000
CAP-P54	Wharf Road and Stockton Avenue Intersection Improvements	<i>Intersection modification for capacity, multimodal access, and safety improvements.</i>	\$350	\$350	
Total Capitola Projects: 34			\$130,494	\$69,008	\$61,486

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
CHP					
CHP-P04	Hwy 1 Safety and Bus on Shoulder Enforcement	<i>Additional CHP enforcement and public education campaign when new bus on shoulder facilities operational (anticipate 4 years of enforcement).</i>	\$250	\$250	
CHP-P03	Hwy 129 Safety Program	<i>Additional CHP enforcement and public education campaign on Highway 129.</i>	\$500		\$500
CHP P01	Hwy 17 Safety Program (Safe on 17)	<i>Continuation of Highway 17 Safety Program in Santa Cruz County. Includes public education and awareness, California Highway Patrol (CHP) enhancement, pilot cars, electronic speed signs.</i>	\$3,915	\$3,915	
Total CHP Projects: 3			\$4,665	\$4,165	\$500

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
City of Santa Cruz					
SC-P144	50-Year Community Vision for West Cliff Drive	<i>Implement the 50-year vision for West Cliff Drive.</i>	\$20,000		\$20,000
SC-P142	AB 413 Citywide Daylighting	<i>Implement daylighting citywide per AB 413.</i>	\$3,432	\$1,932	\$1,500
SC-P75	Active Transportation Plan Lump Sum Projects	<i>Construct projects and implement programs from the Active Transportation Plan.</i>	\$120,000	\$41,666	\$78,334
SC-P135	Advance Dilemma Zone Detection and Retroreflective Signal Back Plate Upgrades	<i>Install sensors to better detect vehicles approaching the intersection and upgrade signal heads with retroreflective back plate and yellow/orange border.</i>	\$1,258	\$1,258	
SC-P126	Almar Ave Sidewalks	<i>Fill gaps in sidewalks and access ramps to improve pedestrian safety.</i>	\$200	\$200	
SC-P107	Arroyo Seco Trail (Medar St to Grandview St)	<i>Pave existing gravel trail and widen and pave connection to Grandview St.</i>	\$500		\$500
SC-P145	Arterial Roadway Protected Bike Lanes	<i>Install protected bike lanes on all arterial roadways.</i>	\$8,000	\$5,000	\$3,000
SC 54	Bay Corridor Design and Complete Streets Implementation	<i>Complete streets design for the Bay Corridor between High Street and West Cliff Drive. This design effort will include protected bikelanes on the entire corridor, transit boarding islands, and intersection modifications to improve multimodal roadway safety. Construction funding for this project is secured.</i>	\$4,530	\$4,530	
SC 55	Bay Street Paving	<i>Repave Bay Street between Mission and Lennox Street using mill and overlay approach.</i>	\$989	\$989	
SC-P96	Bay/California Multimodal Intersection Improvements	<i>Update intersection to facilitate multimodal mobility, safety and capacity improvements.</i>	\$1,100	\$1,100	
SC-P109	Bay/High Intersection Modification	<i>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.</i>	\$1,500	\$1,500	
SC-P93	Beach/Cliff Intersection Modification	<i>Modify intersection for multimodal (train, bike, ped, auto) safety and access improvements. .</i>	\$210	\$210	
SC-P95	Branciforte Creek Pedestrian Path Connections	<i>Fill gaps in pedestrian and bike paths along and across Branciforte Creek in the Ocean-Lee-Market-May Streets area.</i>	\$3,410		\$3,410
SC-P21	Brookwood Drive Bike and Pedestrian Path	<i>Provide 2-way bicycle and pedestrian travel.</i>	\$1,030		\$1,030
SC-P22	Chestnut Street Pathway	<i>Install a Class 1 bicycle/pedestrian facility to connect the east side of Neary Lagoon Park with the Depot Park path.</i>	\$570		\$570
SC-P07	Citywide Operations and Maintenance	<i>Ongoing maintenance, repair, and operation of street system within the City limits. (Const=\$3.0M/yr; Unconst=\$4.2M/yr).</i>	\$180,000	\$75,678	\$104,322
SC-P125	Citywide Safe Routes to School Projects - ATP	<i>Projects to improve pedestrian and bicycle safety near schools.</i>	\$16,404	\$1,404	\$15,000

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
SC-P128	Citywide Street Sweeping	<i>Ongoing street sweeping, funded from City Refuse Enterprise Fund.</i>	\$15,800	\$15,800	
SC-P23	Delaware Avenue Complete Streets	<i>Fill gaps in bicycle lanes, sidewalks and sidewalk access ramps.</i>	\$150	\$150	
SC-P101	Delaware-Swift Intersection Improvements	<i>Install Traffic Signal or Roundabout at Intersection to improve capacity and safety.</i>	\$2,500	\$600	\$1,900
SC-P139	Downtown Expansion Plan Mobility Improvements	<i>Multimodal infrastructure upgrades includes protected bike lanes, pedestrian improvements, transit accessibility, and roadway reconfiguration and intersection upgrades. Facilitates multimodal mobility.</i>	\$15,000		\$15,000
SC-P129	Downtown Intersection Improvements	<i>Modify Front/Soquel, Front/Laurel and Pacific/Front Intersections stemming from additional residential and commercial development in the Downtown.</i>	\$3,000	\$3,000	
SC 57	Escalona Complete Streets	<i>Repave Escalona between Grandview and Bay and between Walnut and Highland using a cold-in-place-recycling (CIR) paving technique. Fifty (50) curb ramps will be upgraded to ADA standards. Sidewalk gaps will be filled on the eastbound side of Escalona, creating a continuous pedestrian facility.</i>	\$3,841	\$3,841	
SC-P137	Frederick Street Park Accessible Ramp to Harbor	<i>Install multi-use accessible ramp from park to Harbor to improve access.</i>	\$1,300	\$300	\$1,000
SC-P90	High St/Moore St Intersection Modification	<i>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.</i>	\$100	\$100	
SC 38	Hwy 1 at San Lorenzo Bridge Replacement	<i>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.</i>	\$15,500	\$15,500	
SC-P92	Hwy 1 at Shaffer Rd Signalization	<i>Signalization of intersection of Hwy 1 and Shaffer Rd. Project may include some widening of Hwy 1 to accommodate a left turn lane.</i>	\$520		\$520
SC-P108	Hwy 1 Harvey West Area Alternative Access	<i>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.</i>	\$4,130		\$4,130
SC-P112	Hwy 1 Mission at Laurel St Intersection Modification	<i>Modify traffic signal to add right-turn from Mission St to Laurel St and signal overlap phase.</i>	\$1,030		\$1,030
SC-P113	Hwy 1 Mission at Swift St Intersection Modification	<i>Modify traffic signal to add Swift St right-turn lane and signal overlap phase, and a second left turn lane.</i>	\$500		\$500

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
SC-P81	Hwy 1 Mission St at Chestnut/King/Union Intersection Modification	<i>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.</i>	\$4,650	\$4,650	
SC-P136	Hwy 1 Mission St at Fair Ave Intersection Modification	<i>Install Traffic Signal with left-turn lane (NB) to reduce congestion and improve safety.</i>	\$700	\$700	\$0
SC-P59	King Street Bike Lanes (entire length)	<i>Install bike facilities on residential collector street which includes some parking and landscape strip removals, and drainage improvements.</i>	\$3,100	\$500	\$2,600
SC-P141	Laurel Street Sidewalks	<i>Construct sidewalks to fill gaps on Laurel St from King St to Escalona Dr.</i>	\$1,000	\$1,000	
SC-P97	Laurent/High Intersection Improvements	<i>Intersection improvements to improve traffic safety and operations (roundabout or signal).</i>	\$410		\$410
SC-P105	Market Street Sidewalks and Bike Lanes	<i>Completion of sidewalks and bicycle lanes. Includes retaining walls, right-of-way, tree removals, and a bridge modification.</i>	\$1,020	\$1,020	
TRL 8-9a	MBSST Coastal Rail Trail Segments 8 and 9 (Pacific Ave to 17th Ave)	<i>2.2 mile multiuse bike and pedestrian trail along the rail corridor between Pacific Ave/Beach St in the City of Santa Cruz to 17th Ave in County of Santa Cruz and non-infrastructure safety, education, and encouragement programs.</i>	\$90,000	\$50,000	\$40,000
TRL 7c	MBSST Segment 7 Phase 3 (Natural Bridges to Shaffer Rd)	<i>Bicycle/pedestrian multiuse path adjacent to railroad tracks from Natural Bridges to Shaffer Rd crossing Antonelli Pond. MBSST Segment 7-phase 3.</i>	\$4,450	\$4,450	
SC-P104	Measure H Road Projects	<i>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).</i>	\$32,300	\$32,300	
SC-P130	Mission Street Improvement Plan	<i>Evaluate and design Mission intersection improvements at Chestnut-King, Laurel, Bay, Fair, and Swift based on the General Plan.</i>	\$6,500	\$6,500	
SC-P12	Morrissey/Poplar/Soquel Intersection Modification	<i>Modify the roadway configuration in the Morrissey/Poplar/Soquel triangle area to improve traffic circulation and safety for all modes.</i>	\$2,070	\$2,070	\$0
SC-P30	Murray St to Harbor Path Connection	<i>Install a Class 1 bicycle/pedestrian facility to connect the Segment 9 Rail trail project, for the east and west side of the harbor.</i>	\$1,000	\$210	\$790
SC 37	Murray Street Bridge Seismic Retrofit	<i>Seismic retrofit of existing Murray Street Bridge (#36C-0108) 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.</i>	\$20,000	\$20,000	

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
SC-P140	Natural Bridges Drive Protected Bike Lanes	<i>Install protected bike lanes on Natural Bridges Drive between Delaware Avenue and Mission Street Extension to connect the Wilder Path, Segment 7, and the Swanton Delaware project.</i>	\$350	\$350	
SC-P73	Neighborhood Traffic Management Improvements	<i>Install traffic control devices and roadway design features to manage neighborhood traffic.</i>	\$5,000		\$5,000
SC-P115	North Branciforte/Water Intersection Modification	<i>Modify traffic signal and add additional lanes per traffic study. Include signal interconnect if applicable.</i>	\$2,070		\$2,070
SC-P120	Ocean St and San Lorenzo River Levee Bike/Ped Connections (Felker, Kennan, Blain, Barson Streets)	<i>Improve pedestrian and bicycle facilities on side streets to connect Ocean Street with San Lorenzo River Levee path system.</i>	\$620		\$620
SC-P86	Ocean St Streetscape and Intersection, Plymouth to Water	<i>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.</i>	\$2,130		\$2,130
SC-P84	Ocean St Streetscape and Intersection, Water to Soquel	<i>Implement this phase of the adopted Ocean Street plan including adding turn lanes on Ocean Street at the Water Street intersections, wider sidewalks, pedestrian crossing islands/bulb outs, transit improvements, street trees, pedestrian scale street lights, and medians improvements, way finding, and pedestrian and bicycle connectivity to San Lorenzo Park and neighborhoods.</i>	\$6,200		\$6,200
SC-P122	Ocean Street Corridor Multiuse Transit Lane	<i>Consider restricting parking to develop business access and transit (BAT) lane to serve tourism and improving transit facilities.</i>	\$410		\$410
SC-P66	Ocean Street Widening from Soquel to East Cliff	<i>Implement this phase of the Ocean Street plan that includes utility undergrounding, bike lanes, wider sidewalks, pedestrian crossing islands/bulb outs, transit improvements, pedestrian scale street lights, street trees and left turn lanes at Broadway and a right-turn lane at San Lorenzo Blvd. This includes pedestrian and bicycle crossing improvements and detection and connectivity to the pedestrian and bicycle path on the San Lorenzo River and adjacent neighborhoods.</i>	\$5,170		\$5,170
SC-P124	Ocean Street/San Lorenzo River Levee Area Wayfinding	<i>Install signage on the bike/ped scale to bike/ped facilities connecting key destinations.</i>	\$150		\$150
SC-P134	Ocean-Plymouth Multi-modal Transportation Improvements	<i>Improve the bike and pedestrian connections through the Ocean-Plymouth intersection.</i>	\$2,000	\$2,000	
SC-P143	Passenger Rail Roadway and Crossing Enhancements	<i>Modify city roadways to accommodate passenger rail service.</i>	\$100,000	\$2,000	\$98,000
SC-P110	River (Rte 9)/Fern Intersection Modification	<i>Install traffic signal, sidewalk and new access ramps. Provide bike lanes on Fern.</i>	\$520		\$520

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
SC-P138	Riverwalk Improvements	<i>Pavement rehabilitation and bike and ped upgrades including ADA accessibility, lighting, signage, and striping.</i>	\$5,000	\$1,000	\$4,000
SC-P69	Seabright Avenue Bike Lanes (Pine-Soquel)	<i>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. Complete storm drain improvements.</i>	\$3,000	\$500	\$2,500
SC-P99	Seabright/Water Intersection Improvements	<i>Modify unsignalized intersection to add northbound right and extend left-turn pocket.</i>	\$100		\$100
SC-P91	Shaffer Road Widening and Railroad Crossing	<i>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.</i>	\$1	\$1	
SC-P09	Sidewalk Program	<i>Install and maintain sidewalks and access ramps.</i>	\$20,000	\$5,000	\$15,000
SC 42	Soquel Ave at Frederick St Intersection Modifications	<i>Widen to improve eastbound through-lane transition on Soquel Ave and lengthen right-turn pocket and bicycle lane on Frederick St. Upgrade access ramps.</i>	\$600	\$600	
SC-P87	Soquel Ave Corridor Complete Streets (Branciforte-Morrissey)	<i>Minor widening and signal modifications along Soquel Ave corridor from Branciforte to Morrissey Blvd to do complete streets improvements. Replacing the split phasing with protected left-turns at Branciforte to reduce delays for all modes of travel and GHG.</i>	\$15,000		\$15,000
SC-P123	Soquel/Branciforte Bike Lane Treatments (San Lorenzo River to Branciforte)	<i>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.</i>	\$410	\$410	
SC-P132	Swanton Blvd Multi-Use Trail Connector	<i>Install a 10-12 foot wide multi-use trail along Swanton, protected bike facility and sidewalk infill on Delaware, and multimodal intersection improvements at Delaware/Swanton and Delaware/Natural Bridges.</i>	\$2,000	\$2,000	
SC 23	West Cliff Multi-Use Path Rehabilitation Project Phase 3	<i>The project will rehabilitate the Wets Cliff multi-use path. Work will include repaving failing sections of the path and surface sealing the entire length of the path from Swanton to David Way to increase the lifespan of the asphalt path (m400819).</i>	\$500	\$500	
SC-P83	West Cliff/Bay Street Modifications	<i>Install mini-roundabout to replace the all-way stop to improve safety and capacity.</i>	\$500	\$500	
Total City of Santa Cruz Projects: 66			\$765,435	\$313,019	\$452,416

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
CTSA					
CTSA-P09	Countywide Paratransit Eligibility Expansion	<i>Expansion of eligibility to allow up to 200% of FPL to be eligible for non-ADA mandated paratransit and other specialized transportation service for seniors and people with disabilities. .</i>	\$12,194		\$12,194
CTSA-P08	Countywide Paratransit Expansion	<i>Expansion of service hours to include evening transportation to match existing paratransit service for 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, Dialysis transportation and same day rides etc.</i>	\$110,000	\$10,000	\$100,000
CTSA-P01	Countywide Specialized Transportation	<i>Non-ADA mandated paratransit and other specialized transportation service for seniors and people with disabilities. Includes medical service rides, Elderday, out-of-county rides, Sr. Meal Site, Taxi Script, and same day rides etc. Constrained \$ = 3M/yr</i>	\$100,000	\$75,000	\$25,000
CTSA-P07	Lift Line EV Modernization Project	<i>Replace 12 gas-powered vehicles with 12 electric vehicles in order to extend the useful life of the program while promoting safety, increasing access to vital transportation services, and reducing greenhouse gas emissions for eligible community members with limited mobility.</i>	\$2,500	\$1,500	\$1,000
CTSA-P06	Medical Specialized Transportation for Veterans	<i>Non-emergency medical transportation for veterans.</i>	\$3,000		\$3,000
CTSA-P04	Medically Fragile Specialized Transportation	<i>Non-emergency transportation service for medically fragile individuals. Includes operations and capital.</i>	\$3,000	\$3,000	
CTSA-P03	Non-ADA Paratransit Service Expansion	<i>Expansion of non-ADA paratransit system to meet needs of growing elderly and disabled populations. May include pre/post natal transport to medical appointments.</i>	\$3,750	\$1,875	\$1,875
Total CTSA Projects: 7			\$234,444	\$91,375	\$143,069

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
<b>Ecology Action</b>					
RTC 26	Bike to Work/School Program	<i>Countywide education, promotion, and incentive program to actively encourage bicycle commuting and biking to school. Includes Bike Month and Love to Ride online bike tracking and encouragement. Coordinates efforts with local businesses, schools, and community organizations to promote bicycling on a regular basis. Provides referrals to community resources. Avg annual cost: \$200K/yr-includes in-kind donations and staff time.</i>	\$5,680	\$3,680	\$2,000
RTC 17	Transportation Employer Membership Program	<i>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, short term loaner ebikes. Avg cost: \$150/yr. Coordinates with Bike to Work program.</i>	\$3,000	\$1,500	\$1,500
Total Ecology Action Projects: 2			\$8,680	\$5,180	\$3,500

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
<b>Highway</b>					
CT-P07a	Hwy 1 Bike/Ped Bridge (Cabrillo-New Brighton)	<i>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.</i>	\$18,000		\$18,000
CT-P01	Hwy 1 Ramp Metering: Southern Sections	<i>Reconfigurations of ramps and installation of ramp meters at interchanges from Hwy 129/Riverside Dr to Mar Monte Ave.</i>	\$20,000		\$20,000
SC-P03	Hwy 1 Sound Wall	<i>Install sound wall on Hwy 1: River to Chestnut.</i>	\$520		\$520
CT-P52	Hwy 17 Access Management - Laurel Rd/Sugarloaf Rd/Glenwood Cutoff Area Grade Separation Concept	<i>New structure providing grade-separation to facilitate crossing and turnaround.</i>	\$40,000		\$40,000
CT-P50	Hwy 17 Access Management - Multimodal Improvements	<i>Multimodal improvements including park and ride improvements, and facilities serving separated bike/ped crossing or express transit route.</i>	\$15,000		\$15,000
CT-P53	Hwy 17 Access Management - Old Santa Cruz Hwy Area Grade Separation Concept	<i>New structure providing grade-separation to facilitate crossing and turnaround.</i>	\$40,000		\$40,000
CT-P49	Hwy 17 Access Management - Operational Improvements	<i>Operational improvements to existing facilities including ramp modifications, accel/decel lanes, turning lanes, driveway consolidation, driveway channelization, etc.</i>	\$50,000	\$10,000	\$40,000
CT-P51	Hwy 17 Access Management - Vine Hill Area Grade Separation Concept	<i>New structure providing grade-separation to facilitate crossing and turnaround.</i>	\$40,000		\$40,000
VAR-P51c	Hwy 9 Ben Lomond Complete Streets (SLV PID Segment 3)	<i>May be implemented by RTC or Caltrans, in partnership with others. Implementation of priorities for the Ben Lomond area identified in the Complete Streets Corridor Plan. Includes improvements to increase safety and discourage speeding, updated and expanded bicycle and pedestrian facilities including shoulder widening, auto turn lanes and other auto circulation improvements, and transit improvements in SLV.</i>	\$10,525	\$10,525	
VAR-P51e	Hwy 9 Boulder Creek Complete Streets (SLV PID Segment 5)	<i>The project proposes a 5-foot shoulder and sidewalk on both sides, enhancing existing crosswalks at Lomond Street, Forest Street, and SR 236. Median islands are included within the existing continuous left turn lane. Posted Speed Limits are 25 and 35 mph. SR 9 crosses a narrow bridge with sidewalk on both sides, then changes abruptly when it passes Bear Creek Road. This project proposes local widening at this location to better accommodate all modes of transport. Adding a standard left turn at this location would include major tree removal, therefore at this time only local widening at Bear Creek Rd is proposed.</i>	\$9,850	\$9,850	\$0

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
VAR-P51d	Hwy 9 Brookdale Complete Streets (SLV PID Segment 4)	<i>May be implemented by Caltrans, RTC, or County of SC, in partnership with others. Implementation of priorities for Brookdale identified in the Complete Streets Corridor Plan. Includes improvements to increase safety and discourage speeding, updated and expanded bicycle and pedestrian facilities including shoulder widening, auto turn lanes and other auto circulation improvements, and transit improvements in SLV.</i>	\$11,125	\$11,125	
VAR-P51a	Hwy 9 Felton Complete Streets - South (SLV PID Segment 1)	<i>May be implemented by Caltrans, RTC, or County of SC, in partnership with others. Complete streets improvements on SR9 in Segment 1 of the SLV PID not included in 05-1K890 CAPM. Includes dedicated bicycle and pedestrian facilities on SR9 from Laurel Dr (PM 5.99) to Glengarry Rd (PM 4.74) and safety improvements to Ox Trail Parking Lot, Henry Cowell (PM 4.34).</i>	\$4,450	\$2,150	\$2,300
VAR-P51f	Hwy 9 North of Boulder Creek Complete Streets (SLV PID Segment 6)	<i>May be implemented by Caltrans or County of SC, in partnership with others. Implementation of priorities identified for north of Boulder Creek around Garrahan Park in the Complete Streets Corridor Plan. Includes improvements to increase safety and discourage speeding, updated and expanded bicycle and pedestrian facilities including shoulder widening, auto turn lanes and other auto circulation improvements, and transit improvements in SLV.</i>	\$5,650		\$5,650
VAR-P51b	Hwy 9 SLV Schools Access Complete Streets - North (SLV PID Segment 2)	<i>May be implemented by Caltrans, RTC, or County of SC, in partnership with others. Complete streets improvements to provide pedestrian, bicycle, and transit access improvement from the SLV Middle School on Hacienda Way to El Solyo Heights Dr (PM 7.52) to southern intersection of Glen Arbor Rd with SR9 (PM 8.11).</i>	\$11,050	\$11,050	
SC-P29	Morrissey Blvd Bike Path over Hwy 1	<i>Install a Class 1 bicycle and pedestrian facility on freeway overpass. Improve the active transportation connection at or near the existing Morrissey overcrossing</i>	\$8,000		\$8,000
Total Highway Projects: 15			\$284,170	\$54,700	\$229,470

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
METRO					
MTD 18	Account-based Electronic Fare Collection System	<i>Account-based electronic fare collection system including the ability to use a variety of fare media including smart cards, mobile tickets on smartphones, contactless credit and debit cards, Google Pay and Apple Pay. Replacement of fareboxes at the end of useful life for cash acceptance onboard. Replacement Transit Fareboxes, Ticket Vending Machines or Retail Vendor Network.</i>	\$5,000	\$5,000	
MTD-P51	ADA Access Improvements	<i>Add or improve ADA accessibility to all bus stops and METRO facilities.</i>	\$6,108	\$6,108	\$0
MTD-P10C	ADA Paratransit Service - Continuation of Existing Service	<i>Operation &amp; maintenance cost of existing Paratransit service. Avg Annual Cost: \$7.5M.</i>	\$195,000	\$195,000	
MTD 02	ADA Paratransit Vehicle Replacements	<i>Replace buses/vans for ADA paratransit fleet (including Accessible Taxi program).</i>	\$9,700	\$3,150	\$6,550
MTD-P11	ADA Service Expansion	<i>Add capacity to meet increased trip demand thru 2045. Assumes 2% increase/year starting in 2022.</i>	\$30,000		\$30,000
MTD-P20	Bikes on Buses Expansion	<i>Add additional space for bikes on articulated buses when/if METRO purchases or leases 60-ft articulated buses.</i>	\$30,000	\$5,000	\$25,000
MTD-P57	Bus on Shoulders - Operations	<i>Operations and transit vehicles to utilize freeway shoulders and/or auxiliary lanes to bypass congestion on Highway 1 and possibly Highway 17 to speed inter-city bus service. Cost estimate for pavement and street sweeping.</i>	\$8,750	\$3,000	\$5,750
MTD-P15	Bus Rapid Transit (BRT)	<i>Bus only lanes, transit signal priority, queue jumps, and in lane stations to speed up major cross-county trunk routes, including Soquel Dr/Ave, Capitola Road, Mission Street, Main Street and Freedom Blvd between Watsonville and Santa Cruz.</i>	\$100,000	\$30,000	\$70,000
MTD-P31	Bus Rebuild and Maintenance	<i>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.</i>	\$6,250	\$6,250	
MTD-P04	Bus Replacements	<i>Replace fleet at the end of normal bus lifetime (approximately every 12 years; \$1.5M for ZEB). Average cost \$1.5M for 40 foot and \$2.2M for 60 foot articulating per zero-emission bus (ZEB). Constrained \$ = 53 hydrogen fuel cell buses.</i>	\$407,000	\$100,000	\$307,000
MTD-P52	Bus Stop and Station Improvements	<i>Improve customer access and/or amenities at bus stops; add bus stop pads to preserve pavement. Avg. cost \$50k/yr</i>	\$8,358	\$6,108	\$2,250
MTD-P18	Commuter/Subscription Bus Program	<i>Capital and operating for subscription buses to areas not currently served by express buses (similar to large vanpool).</i>	\$6,500		\$6,500
MTD-P55	Customer IT amenities	<i>Upgrade Hwy 17 Wi-Fi and expand to local routes.</i>	\$1,010		\$1,010

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
MTD-P59	Electric Bus Charging & Storage at JKS Operations Facility	<i>Charging stations, canopies, and battery storage for fleet of up to 100 buses. Cost estimate for 4 bus chargers.</i>	\$5,500		\$5,500
MTD-P47	Electric Non-Fleet Vehicles and Charging Infrastructure	<i>Add light-duty/non-revenue vehicle charging at our METRO facilities.</i>	\$1,500		\$1,500
MTD-P48	EV Fast Charging Stations	<i>Install 5 electric vehicle charging stations at transit centers.</i>	\$1,030		\$1,030
MTD-P27	Hwy 1 Express Buses (90X, Bus on Shoulder)	<i>Hwy 1 Express bus replacements - 6 Buses. Replace every 12 years.</i>	\$95,000	\$5,000	\$90,000
MTD-P10B	Hwy 17 Express Service Continuation of Baseline Service Levels	<i>Operation &amp; maintenance cost of existing Highway 17 Express bus service. Avg annual cost: \$6M.</i>	\$224,400	\$170,000	\$54,400
MTD-P12	Hwy 17 Express Service Restoration and Expansion	<i>Restore Hwy 17 Express service to FY16 levels, then expand service 2% annually. Restore \$353K/yr operating plus 2% annually plus capital costs (2 buses).</i>	\$115,500	\$33,660	\$81,840
MTD-P44	Intercounty Paratransit Connection	<i>Establish paratransit connection location with Santa Clara County.</i>	\$1,300	\$1,300	\$0
MTD-P50	ITS Equipment: Automatic Passenger Counter System and Real Time Bus Arrival/Departure Displays	<i>Install Automatic Passenger Counters 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. Replace every 7-12 years.</i>	\$10,500	\$3,500	\$7,000
MTD-P10	Local Transit Continuation of Baseline Service Levels 2025-2050	<i>Operation &amp; maintenance cost of existing local fixed route bus service. Avg annual cost: \$45M/yr.</i>	\$1,519,212	\$1,519,212	
MTD-P14	Local Transit Service Restoration and Expansion	<i>Restore local service to FY16 levels, then expand service 2% annually. Restore \$7.0M/yr operating plus 2% annually plus capital costs (16 buses).</i>	\$350,000	\$264,000	\$86,000
MTD-P38	Maintenance Facility Expansion	<i>Property acquisition, design, and construction of maintenance facility expansion.</i>	\$15,850		\$15,850
MTD-P36	Metro Facilities Repair & Upgrades	<i>Maintain and upgrade facilities. Assume costs at \$250K per year.</i>	\$11,000	\$5,250	\$5,750
MTD-P43	Microtransit Pilot Program	<i>Pilot project allowing smaller buses or vans to provide on-demand point-to-point trips in areas where all-day fixed-route service is not viable.</i>	\$100		\$100
MTD-P32	Non-Revenue Vehicle Replacements	<i>Replace support vehicles. Constrained \$ for 3 non-revenue replacement EV's.</i>	\$650	\$150	\$500
MTD-P49	Pacific Station Bike Station	<i>Establish a bike station at Pacific Station.</i>	\$1,000	\$500	\$500
MTD-P30	ParaCruz Mobile Data Terminals & Radios	<i>Replace mobile data terminals in vehicles.</i>	\$3,550	\$50	\$3,500
MTD-P28	ParaCruz Operating Facility	<i>Design, Right-of-Way and construction for new ParaCruz Operating Facility.</i>	\$8,000	\$8,000	

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
MTD 27	Rapid Corridors (Rts 1 & 2)	<i>Improve bus reliability, reduce travel time and enhance safety: 1) Bus Stop Consolidation and Relocation, 2) Enhance Bus Stop Amenities, 3) Install Bus Bulbs &amp; Transit Islands, 4) Expand Transit Signal Priority (TSP), 5) Enhance Pedestrian Crossings, 6) Install Queue Jumps, 7) Implement Bus-Only Lanes and Shared Bus/Bike Lanes, and 8) Implement Minor Road &amp; Intersection Reconfiguration.</i>	\$24,000	\$7,000	\$17,000
MTD-P60	Real-Time Transit Info	<i>Develop and maintain system for disseminating real time transit arrival and departure information to Santa Cruz Metro users. Assume \$350 per sign per year cost for cellular, data, platform hosting and support. represents a baseline through 2027 after Rapid Corridors (232 stops), WTC (12 bays) and Pacific Station (22 bays) are deployed.</i>	\$3,575	\$125	\$3,450
MTD 13	Santa Cruz Pacific Station Metro Station Renovation	<i>Renovate Pacific Station or construct new transit center in alternate location as part of development partnership with the City of Santa Cruz. (RTP constrained=transportation elements; costs to be covered by developer not shown).</i>	\$25,000	\$25,000	
MTD-P24	Small Bus Fleet	<i>Purchase smaller shuttle buses, possibly autonomous, for first mile/last mile connections.</i>	\$1,700		\$1,700
MTD-P29	Solar Panels for JKS Operations Facility	<i>Energy reduction through installation of solar panels on the Judy K. Souza Operations Facility.</i>	\$1		\$1
MTD-P61	South County Zero-Emissions Operating and Maintenance Facility	<i>Construct maintenance facility on 9.8 acre lot to meet state of California's clean energy mandates and gradually convert fleet to zero emission busses with goal for full transition by 2040.</i>	\$40,000	\$20,000	\$20,000
MTD-P19	Transit Mobility Training Program Expansion	<i>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.</i>	\$1,200	\$1,200	
MTD-P33	Transit Security and Surveillance Systems	<i>Enhance passenger safety and facilities security. Video systems included with new bus orders.</i>	\$1,000		\$1,000
MTD-P35	Transit System Technology Improvements	<i>Hardware and software for essential transit operations and administration: computer servers, networking equipment, telephones, personal computers, digital ID processing equipment, office equipment, and software. Periodic replacement at end of useful life.</i>	\$5,000		\$5,000
MTD-P06	Transit Technological Improvements	<i>IT software and hardware upgrades for scheduling, customer service, planning systems. Upgrades every 5 years.</i>	\$7,250	\$4,250	\$3,000
MTD-P45	Transit/Paratransit Driver Emergency Training	<i>Provide training equipment for drivers on new mobility devices (scooters, motorized wheelchairs) plus emergency training and biohazard container and clean-up kits for vehicles.</i>	\$300		\$300

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
MTD-P62	W Beach Street Parking Lot Improvements	<i>Install new overhead lighting, perimeter security fencing, and light paving/striping improvements at the METRO's West Beach Street lot.</i>	\$458	\$458	
MTD-P23	Watsonville Transit Center Bike Station	<i>Establish bike station at Watsonville Transit Center.</i>	\$1,000	\$500	\$500
MTD-P56	Watsonville Transit Center: Affordable Housing/TOD	<i>Redevelop METRO's Watsonville Transit Center into an affordable, transit-oriented housing development. A portion of the project is expected to be funded by developer.</i>	\$17,500	\$17,500	\$0
MTD-P42	Youth/Senior/Disabled/Low-Income Fixed-Route Transit Incentives	<i>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.</i>	\$38,000	\$18,000	\$20,000
Total METRO Projects: 45			\$3,343,752	\$2,464,271	\$879,481

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
Santa Cruz County					
CO-P31a	26th Ave Improvements (entire length-Portola Dr to end)	<i>Roadway and roadside improvements on various Major Collectors including sidewalks, bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements.</i>	\$2,580		\$2,580
CO-P78	26th to 30th (at Lode/Quartz) Bike/Ped Connection	<i>New bike/ped connection from Lode and Quartz to Moran Trail, which connects to 30th.</i>	\$520		\$520
CO-P27a	37th/38th Ave (Brommer to Eastcliff) Multimodal Circulation Improvements and Greenway	<i>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.</i>	\$2,070	\$570	\$1,500
CO-P26a	41st Ave Improvements Phase 2 (Hwy 1 Interchange to Soquel Dr)	<i>Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.</i>	\$1,240	\$340	\$900
CO-P02	Airport Blvd Improvements (City limits to Green Valley Rd)	<i>Major rehab, addition of bike lanes, transit facilities, merge lanes, intersection improvements, sidewalks, drainage, and landscaping.</i>	\$1,240	\$1,240	
CO-P30b	Alba Rd Improvements (Empire Grade to State Hwy 9)	<i>Roadwork includes major rehabilitation and maintenance of the road and roadsides.</i>	\$1,760		\$1,760
CO-P03	Amesti Road Multimodal Improvements (Green Valley to Browns Valley Rd)	<i>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.</i>	\$6,200	\$600	\$5,600
CO-P27b	Aptos Beach Dr Improvements (Esplanade to Rio Del Mar Blvd)	<i>Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement.</i>	\$1,240		\$1,240
CO-P28a	Bean Creek Rd Improvements (Scotts Valley City Limits to Glenwood Dr)	<i>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.</i>	\$1,275		\$1,275
CO-P04	Bear Creek Road Improvements (Hwy 9 to Hwy 35)	<i>Major rehab, add bike lanes, turnouts, merge lanes, and intersection improvements. Some landscaping and drainage improvements also.</i>	\$4,500		\$4,500
CO-P29b	Bonita Dr Improvements (entire length)	<i>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.</i>	\$1,240		\$1,240

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
CO-P43	Bonny Doon Rd Improvements (Hwy 1 to Pine Flats Rd)	<i>Construction of a Class 1 bike lane facility, addition of transit stops, intersection improvements, major road rehabilitation, road maintenance, and drainage improvements.</i>	\$8,260		\$8,260
CO-P33a	Bowker Rd Improvements (Buena Vista Dr to Freedom Blvd)	<i>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.</i>	\$620		\$620
CO-P30c	Branciforte Drive Improvements (City of Santa Cruz to Vine Hill Rd)	<i>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.</i>	\$1,760		\$1,760
CO-P100	Brimblecom Road Bridge Replacement	<i>The project will consist of completely replacing the existing narrow one lane structure and roadway approaches with a two lane clear span concrete bridge and standard bridge approaches.</i>	\$3,025	\$3,025	
CO-P26d	Brown Valley Rd Improvements (Corralitos Rd to Redwood Rd)	<i>Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.</i>	\$900		\$900
CO-P26e	Buena Vista Rd Improvements (San Andreas to Freedom Blvd)	<i>Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.</i>	\$2,175		\$2,175
CO-P65	Bulb Ave Road Improvements (Garden St to Capitola City Limits)	<i>Roadway and roadside improvements including curb, gutter, sidewalk, bike lanes, left turn lanes, intersection improvements and roadway rehabilitation.</i>	\$770		\$770
CO-P30d	Cabrillo College Dr Improvements (Park Ave to Twin Lakes Church)	<i>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.</i>	\$1,240	\$240	\$1,000
CO-P96	Capital improvement projects consistent with the Sustainable Santa Cruz County Plan	<i>Construct associated multi-modal infrastructure improvements associated with the Sustainable Santa Cruz County Plan.</i>	\$20,000	\$5,000	\$15,000
CO-P31b	Capitola Rd Ext Improvements (Capitola Rd to Soquel Ave)	<i>Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements.</i>	\$1,240		\$1,240
CO-P26g	Casserly Rd Improvements (Hwy 152 to Green Valley Rd)	<i>Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.</i>	\$600	\$600	
CO-P33b	Cathedral Dr Improvements (entire length)	<i>Roadway and roadside improvements on Minor Collector. Roadwork includes major rehabilitation and maintenance of the road.</i>	\$620		\$620

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
CO-P26h	Center Ave/Seacliff Dr Improvements (Broadway to Aptos Beach Dr)	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$1,240	\$340	\$900
CO-P26i	Chanticleer Ave Improvements (Hwy 1 to Soquel Dr)	Roadway and roadside improvements including bike lanes, sidewalks, drainage and intersection improvements.	\$1,240	\$340	\$900
CO-P29c	Cliff Dr Improvements (Rio Del Mar to Railroad Crossing)	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		\$620
CO-P32a	Clubhouse Drive Improvements (Sumner Av to Rio Del Mar Blvd)	Road rehabilitation and maintenance. Roadside improvements: left lane pockets, sidewalks, bike lanes and transit turnouts.	\$1,450		\$1,450
CO-P23	College Road Improvements (Hwy 152 to Lakeview Rd)	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		\$1,760
CO-P28c	Commercial Way Improvements (Mission Dr. to Soquel Dr.)	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.	\$450		\$450
CO 50	Community Traffic Safety Coalition/Vision Zero	Countywide program that aims to prevent traffic-related injuries and fatalities for all road users, with a focus on people bicycling and walking. The CTSC envisions safe, accessible, and equitable transportation for all. .	\$13,500	\$9,000	\$4,500
CO-P111	Conference Dr Bridge Scour Repair	Project will perform repairs on existing bridge.	\$544	\$544	
CO-P27c	Corcoran Ave Improvements (Alice St to Felt St)	Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement.	\$620	\$150	\$470
CO 95	Corralitos Corridor Resurfacing	Pavement maintenance of 4.20 miles of roadway including all of Corralitos Rd and the primarily traveled portion of Amesti Rd. Work shall extend from existing roadway edge to existing roadway edge.	\$2,400	\$1,500	\$900
CO-P08	Corralitos Road Rehab and Improvements (Freedom Blvd to Hames Rd)	Major rehab, transit, bike, and ped facilities. May also include drainage, merge lanes, landscaping and intersection improvements.	\$620	\$620	
CO-P37	Countywide ADA Access Ramps	Construction of handicapped access ramps countywide.	\$1,250	\$500	\$750
CO-P71	Countywide Bike Projects	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.	\$23,733	\$23,733	\$0

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
CO-P110	Countywide Culvert Replacement	<i>Pavement Resurfacing of County Maintained Roads Countywide. (6,000+ culverts countywide). Constrained \$ = \$340k/yr; Unconstrained \$ = deferred maintenance</i>	\$500,000	\$8,500	\$491,500
CO-P35	Countywide General Road Maintenance and Operations	<i>Ongoing maintenance, repair, and operation of road/street system within the unincorporated areas of the county.</i>	\$261,356	\$158,139	\$103,217
CO-P97	Countywide Guardrail	<i>Install guardrail on County roads.</i>	\$11,560	\$11,560	
CO-P109	Countywide Pavement Management	<i>Pavement Resurfacing of County Maintained Roads Countywide (595 miles maintained roadways). Constrained = \$8M/yr, unconstrained=cost of deferred maintenance.</i>	\$715,000	\$215,000	\$500,000
CO-P41	Countywide Sidewalks	<i>Install sidewalks.</i>	\$76,360	\$11,050	\$65,310
CO-P31c	Day Valley Rd Improvements (entire length-Freedom Blvd to Valencia Rd)	<i>Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements.</i>	\$1,240		\$1,240
CO-P77	East Cliff Dr (26th to Moran Way) Sidewalk Improvement	<i>Install sidewalk from 26th south to link to Moran Way.</i>	\$410		\$410
CO-P09	East Cliff Dr Improvements (32nd Ave to Harbor)	<i>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.</i>	\$4,250	\$1,000	\$3,250
CO-P103	East Cliff Dr Pedestrian Pathway (17th-Palisades Ave)	<i>Construct sidewalks and bike lanes on East Cliff where there are gaps.</i>	\$7,000	\$7,000	
CO-P50	East Cliff Dr Pedestrian Pathway (7th-12th Ave)	<i>Construct pedestrian pathway on East Cliff.</i>	\$1,760	\$1,760	
CO-P112	East Zayante Rd Bridge Spall Repair	<i>Project will perform repairs on existing bridge.</i>	\$544	\$544	
CO-P26j	East Zayante Rd Improvements (Lompico Rd to just before Summit Rd)	<i>Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.</i>	\$1,275		\$1,275
CO-P88	Either Way Ln Bridge Replacement Project	<i>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.</i>	\$50	\$50	\$0
CO-P67	El Dorado Ave Road Improvements (Capitola Rd to RR)	<i>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.</i>	\$1,810		\$1,810
CO-P26k	El Rancho Dr Improvements (Mt. Hermon/Hwy 17 to SC city limits)	<i>Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.</i>	\$1,725		\$1,725
CO 96	Emergency Routes Resurfacing Phase 2	<i>Pavement maintenance on up to 4.3 miles of Empire Grade and up to 7.0 miles of Bear Creek Rd.</i>	\$5,000	\$5,000	

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
CO-P10	Empire Grade Improvements	<i>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.</i>	\$4,335	\$423	\$3,912
CO-P26l	Eureka Canyon Rd Improvements (Hames Rd to Buzzard Lagoon Rd)	<i>Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.</i>	\$1,725		\$1,725
CO-P28d	Felton Empire Road Improvements (entire length to State Hwy 9)	<i>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.</i>	\$1,725		\$1,725
CO-P90	Fern Dr at San Lorenzo River Bridge Replacement Project	<i>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.</i>	\$2,830	\$2,830	
CO-P86	Forest Hill Dr at Bear Creek Bridge Replacement Project	<i>The Project will consist of completely replacing existing steel girder bridge crossing Bear Creek with a new precast concrete voided slab bridge.</i>	\$2,050		\$2,050
CO-P11	Freedom Blvd Multimodal Improvements (Bonita Dr to City of Watsonville)	<i>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.</i>	\$3,100	\$775	\$2,325
CO-P102	Glen Arbor Road Bridge Replacement	<i>The project will consist of replacing the existing narrow two lane structure and roadway approaches by widening to 12 foot lanes with 8 foot shoulders and standard bridge approaches.</i>	\$3,959	\$3,959	
CO-P30f	Glen Arbor Road Improvements (State Hwy 9 to State Hwy 9)	<i>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.</i>	\$1,240		\$1,240
CO-P108	Glen Arbor Road Sidewalk	<i>Extend the sidewalk along the northern side of Glen Arbor Rd from Highway 9 to Pine Street. This sidewalk will provide a gap closure connection for residents and children to access destinations in Ben Lomond.</i>	\$4,500	\$4,500	
CO-P26m	Glen Canyon Rd Improvements (Branciforte Dr to City of Scotts Valley)	<i>Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.</i>	\$4,350		\$4,350
CO-P40	Glen Coolidge Dr at Hwy 9 Bike Path	<i>Class 1 bike facility from Glen Coolidge Dr to Hwy 9 to provide eastern access to UCSC.</i>	\$2,380		\$2,380

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CO-P61	Glenwood Cutoff General Improvements (Glenwood Dr to Hwy 17)	Roadway and roadside improvements including bike lanes, left turn lanes, intersection improvements and roadway rehabilitation.	\$3,100		\$3,100
CO-P26n	Glenwood Dr Improvements (Scotts Valley city limits to State Hwy 17)	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$2,175		\$2,175
CO-P12	Graham Hill Rd Multimodal Improvements (City of SC to Hwy 9)	Bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes, traffic signals. Major rehabilitation and maintenance. Drainage improvements. Signal upgrade at SR9.	\$5,265	\$0	\$5,265
CO-P30h	Granite Creek Rd Improvements (Branciforte Dr to City of Scotts Valley)	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		\$1,760
CO-P85	Green Valley Rd Bridge Replacement Project	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	
CO-P13	Green Valley Rd Improvements	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.	\$3,100		\$3,100
CO-P32b	Hames Rd Improvements (entire length-Freedom Blvd to Eureka Canyon Rd)	Road rehab and maint. Roadside improvements--left lane pockets, sidewalks, bike lanes and transit turnouts.	\$3,620		\$3,620
CO-P32c	Harkins Slough Rd Improvements (entire length-Buena Vista Dr to State Hwy 1)	Road rehab and maint. Roadside improvements--left lane pockets, sidewalks, bike lanes and transit turnouts.	\$1,760		\$1,760
CO-P33d	Harper St Improvements (entire length-El Dorado Ave to ECM)	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
CO-P32d	Huntington Dr Improvements (Monroe Ave to Valencia Rd.)	Road rehab and maint. Roadside improvements--left lane pockets, sidewalks, bike lanes and transit turnouts.	\$2,380		\$2,380
CO-P46a	Hwy 9 Downtown Felton Bike Lanes & Sidewalks (San Lorenzo Valley Trail)	Install sidewalks and bicycle lanes on Hwy 9 through downtown Felton.	\$3,500	\$3,500	
CO 99	Intercounty Routes Resurfacing	Pavement maintenance of 2.74 miles of roadway including all of Murphy's Crossing and Roggie Ln, and all FAU portions of Lee Rd & West Beach Rd. Base repairs will be followed by resurfacing of the entire roadway surface, then restriping of the work area. Work shall extend from existing roadway edge to existing roadway edge.	\$2,309	\$2,044	\$265
CO-P32e	Jamison Cr Rd Improvements (entire length-Empire Grade to Hwy 236)	Road rehab and maint. Roadside improvements--left lane pockets, sidewalks, bike lanes and transit turnouts.	\$620		\$620

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CO-P14	La Madrona Dr Improvements (El Rancho Dr to City of Scotts Valley)	<i>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.</i>	\$2,715		\$2,715
CO-P15	Lakeview Road Improvements	<i>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.</i>	\$1,240		\$1,240
CO-P30i	Larkin Valley Rd Improvements (San Andreas Rd to Buena Vista Dr)	<i>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.</i>	\$620		\$620
CO-P91	Larkspur Bridge @San Lorenzo River	<i>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.</i>			
CO-P30j	Laurel Glen Rd Improvements (Soquel-San Jose Rd to Mt. View/Rodeo Gulch Rd)	<i>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.</i>	\$1,240		\$1,240
CO-P24	Lockwood Lane Improvements (Graham Hill Rd to SV limits)	<i>Major road rehab, add bicycle lanes, sidewalks, some transit facilities, landscaping, and intersection improvements.</i>	\$881	\$243	\$638
CO-P95	Lompico Rd Bridge Replacement	<i>The project will consist of replacing existing steel stringer bridge with a reinforced concrete slab bridge.</i>	\$1,860		\$1,860
CO-P30k	Lompico Rd Improvements (E Zayante Rd. to end)	<i>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.</i>	\$620		\$620
CO-P27e	Main Street Improvements (Porter St to Cherryvale Ave)	<i>Roadway and roadside improvements on Major Collector including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement.</i>	\$1,360	\$1,360	
CO-P33e	Manfre Rd Improvements (entire length-Larkin Valley Rd to Buena Vista Dr)	<i>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.</i>	\$620		\$620

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CO-P30I	Mar Monte Ave Improvements (San Andreas Rd to State Hwy 1)	<i>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.</i>	\$620		\$620
CO-P33f	Mar Vista Dr Improvements (entire length-just before Seacliff Dr to Soquel Dr)	<i>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.</i>	\$300		\$300
CO-P26p	Mattison Ln Improvements (Chanticleer Ave to Soquel Ave)	<i>Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.</i>	\$1,450	\$400	\$1,050
TRL 10-11	MBSST Segments 10 and 11 (17th Avenue to State Park Drive)	<i>4.15 mile bicycle/pedestrian multiuse path parallel to railroad tracks between 17th Ave in Live Oak to State Park Drive in Aptos/Seacliff. Segments 10 &amp; 11 of Monterey Bay Sanctuary Scenic Trail Network (MBSST)/Coastal Rail Trail. Includes ATP-funded non-infrastructure safety, education, and encouragement programs; 3 RRFBs, 5 intersection lighting, 5 new bike racks, 6 green cross-bike striping, 400 feet new sidewalk, 13 ADA ramps, 3 benches, trash cans, interpretative signage, curb bulb-outs.</i>	\$138,000	\$100,800	\$37,200
CO-P33g	McGregor Dr Improvements (Capitola city limits to Searidge Rd)	<i>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.</i>	\$1,240		\$1,240
CO-P27f	Mill St Improvements (entire length)	<i>Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement.</i>	\$280	\$280	
CO-P27g	Mountain View Rd Improvements (Branciforte Dr to Rodeo Gulch Rd)	<i>Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement.</i>	\$1,240		\$1,240
CO-P26q	Mt Hermon Rd. Improvements (Lockhart Gulch to Graham Hill Rd)	<i>Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.</i>	\$2,175		\$2,175
CO-P39	Murphy Crossing Improvements	<i>Bikeway on Murphy Crossing (Hwy 129 to Monterey Co line), major rehabilitation and maintenance of road, drainage improvements may also be needed.</i>	\$1,240		\$1,240
CO-P31g	Opal Cliff Dr Improvements (41st Av to Capitola City Limits)	<i>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.</i>	\$950		\$950

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
CO-P38	Pajaro River Bike Path System	<i>Construction of a Class 1 bike path along the levees and a Class 2 bikeway on Thurwatcher Road and Beach Road.</i>	\$9,000	\$2,000	\$7,000
CO-P106	Pajaro River Flood Risk Management Project	<i>Rebuild Pajaro River Levees to mitigate flood danger. Includes rebuilding Highway 129 and 152 bridges at Salsipuedes Creek and Corralitos Creek and other transportation facilities within the project envelope. [Total flood control project estimated to cost \$400M and be primarily funded by State and Federal Water and U.S. Army Corps of Engineers grants, which are not part of the RTP Financial Element; \$136M estimate for bridges over Hwy 1 (\$100M), 129 (\$18M), 152 (\$18M)].</i>	\$136,000	\$0	\$136,000
CO-P29f	Paul Minnie Ave. Improvements (Rodriguez St to Soquel Ave)	<i>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.</i>	\$1,240	\$340	\$900
CO-P22	Paul Sweet Road Improvements (Soquel Dr to end)	<i>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.</i>	\$930		\$930
CO-P27h	Paulsen Rd Improvements (Green Valley Rd to Whiting Rd)	<i>Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement.</i>	\$1,000		\$1,000
CO-P28f	Pine Flat Rd Improvements (Bonny Doon Rd to Empire Grade Rd)	<i>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.</i>	\$1,725		\$1,725
CO-P27i	Pinehurst Dr Improvements (entire length)	<i>Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement.</i>	\$700		\$700
CO-P31h	Pioneer Rd Improvements (Amesti Rd to Green Valley Rd)	<i>Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements.</i>	\$880		\$880
CO-P99	Pleasant Way Bridge Replacement	<i>The project will consist of completely replacing the existing narrow one lane structure and roadway approaches with a two lane clear span concrete bridge and standard bridge approaches.</i>	\$3,740		\$3,740
CO-P29g	Polo Dr Improvements (Soquel Dr to end)	<i>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.</i>	\$1,450		\$1,450

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
CO-P26r	Porter St Improvements (Soquel Dr to Paper Mill Rd)	<i>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.</i>	\$1,240	\$340	\$900
CO-P82	Quail Hollow Rd Bridge Replacement Project	<i>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.</i>	\$2,430		\$2,430
CO-P32f	Quail Hollow Rd Improvements (entire length- East Zayante to Glen Arbor Rd)	<i>Road rehab and maint. Roadside improvements--left lane pockets, sidewalks, bike lanes and transit turnouts.</i>	\$830		\$830
CO-P87	Rancho Rio Ave @ Newell Creek Bridge Replacement Project	<i>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.</i>	\$1,730		\$1,730
CO-P51	Redwood Lodge Rd (Entire Length)	<i>Roadway and roadside improvements including curb, gutter, sidewalk, bike lanes, left turn lanes, intersection improvements and roadway rehabilitation.</i>	\$3,100		\$3,100
CO-P30n	Rio Del Mar Blvd Improvements (Esplanade to Soquel Dr)	<i>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.</i>	\$3,000	\$725	\$2,275
CO 100	Rio Del Mar Resurfacing	<i>Pavement maintenance of 1.08 miles of roadway including nearly all of Rio Del Mar Blvd. Work shall extend from existing roadway edge to existing roadway edge.</i>	\$1,000	\$300	\$700
CO-P58	Robertson Street & Soquel Drive Signalization	<i>Convert the existing All-Way stop controlled intersection at Soquel Dr &amp; Robertson St to a signalized intersection. Revise existing geometry.</i>	\$1,595	\$1,595	
CO-P31i	Rodeo Gulch Rd Improvements (So & North: Mt. View/Laurel Glen Rd to Hwy 1)	<i>Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements.</i>	\$1,760		\$1,760
CO-P46	San Lorenzo River Valley Trail	<i>15 mile, paved multi-use path for bicyclists and pedestrians from Boulder Creek to Santa Cruz along SLV River corridor.</i>	\$40,000		\$40,000
CO-P83	San Lorenzo Way Bridge Replacement Project	<i>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.</i>			
CO-P27j	Seacliff Dr Improvements (entire length)	<i>Roadway and roadside improvements on various Major Collectors including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvement.</i>	\$1,760		\$1,760

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
CO 36	Seacliff Village Streetscape Improvements	<i>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.</i>	\$3,200	\$3,200	
CO-P26s	Seascape Blvd Improvements (Sumner Ave to San Andreas Rd)	<i>Roadway improvements and pavement rehabilitation.</i>	\$620	\$170	\$450
CO-P113	Shark Fin Cove Parking Formalization	<i>Formalize parking facilities and make operational improvements along State Route 1 for enhanced access to Shark Fin Cove.</i>	\$2,000	\$2,000	
CO-P17	Sims Road Improvements (Graham Hill Rd to La Madrona Dr)	<i>Road rehab and maintenance, drainage, intersection improvements, landscaping, add bike, ped, and transit facilities.</i>	\$1,320		\$1,320
CO-P32g	Smith Grade Improvements (entire length-Empire Grade to Bonny Doon Rd)	<i>Road rehab and maint. Roadside improvements--left lane pockets, sidewalks, bike lanes and transit turnouts.</i>	\$2,380		\$2,380
CO-P18	Soquel Ave Improvements (City of SC to Gross Rd)	<i>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.</i>	\$2,560	\$2,560	
CO-P19	Soquel Dr Multimodal Improvements (State Park Dr to Freedom Blvd)	<i>Major rehab, merge lanes, intersections improvements, signal coordination, transit turnouts, fill sidewalk and bike facility gaps, some landscaping. Additional elements completed in CO 89 Soquel Dr Buffered project.</i>	\$31,300	\$31,300	
CO-P107	Soquel Dr Reversible Lane (Flex Lane) Feasibility Study	<i>Feasibility study to install reversible/flex lanes on Soquel Dr. The project aims to reduce trip delays, congestion and air quality.</i>	\$50		\$50
CO-P62	Soquel Dr Road Improvements (Robertson St to Daubenbiss)	<i>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.</i>	\$410	\$410	
CO-P104	Soquel Dr to 41st Ave Dedicated Right Turn Lane	<i>Project will add a dedicated right turn lane in the eastbound direction of Soquel Dr to 41st Ave.</i>	\$550	\$550	
CO-P105	Soquel Dr to Soquel Ave Dedicated Right Turn Lane	<i>Project will add a dedicated right turn lane in the eastbound direction of Soquel Dr to Soquel Ave.</i>	\$550	\$550	
CO-P36	Soquel-San Jose Rd Improvements (Paper Mill Rd to Summit Rd)	<i>Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.</i>	\$2,500	\$500	\$2,000

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
CO 92	Soquel-San Jose Rd/ Porter St Resurfacing & Multimodal Improvements	<i>Pavement maintenance of approximately 3.15 miles of Soquel San Jose Road and 0.18 miles of Porter Street, forming a continuous section from Soquel Drive to Laurel Glen Rd. Isolated sections of digout and asphalt replacement where rutting has occurred, followed by resurfacing of the entire roadway surface and restriping. Work extends from existing roadway edge to existing roadway edge and includes repaving/restriping existing bike lanes. Includes multimodal improvements in Soquel Village, possibly green lanes, ped crossing enhancements, etc.</i>	\$3,600	\$3,600	
CO-P28g	Soquel-Wharf Rd Improvements (Robertson St to Porter St)	<i>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.</i>	\$515		\$515
CO-P27k	Spreckels Dr Improvements (Soquel Dr to Aptos Beach Dr)	<i>Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement. Also includes improvements to pedestrian facilities.</i>	\$900		\$900
CO-P42	Spreckels Dr/Treasure Island Dr Improvements	<i>Addition of bike lanes, intersection improvements, major road rehabilitation, road maintenance, and possible drainage improvements.</i>	\$620		\$620
CO-P20	State Park Drive Improvements Phase 2	<i>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.</i>	\$1,005		\$1,005
CO-P26u	Summit Rd Improvements	<i>Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.</i>	\$4,050		\$4,050
CO-P32h	Sumner Ave Improvements (entire length-Rio Del Mar Blvd to end [just past via Novella])	<i>Road rehab and maint. Roadside improvements--left lane pockets, sidewalks, bike lanes and transit turnouts.</i>	\$1,450		\$1,450
CO-P94	Swanton Rd Bridge Replacement	<i>The project will consist of replacing existing 3 span steel girder bridge with a single span concrete box girder bridge.</i>	\$2,540		\$2,540
CO-P33h	Thompson Ave Improvements (entire length-Capitola Rd to end)	<i>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.</i>	\$1,240		\$1,240

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
CO-P28h	Thurber Ln Improvements (entire length)	<i>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.</i>	\$1,275		\$1,275
CO-P68	Thurwachter Road Bike Lanes	<i>Install bicycle lanes.</i>	\$50		\$50
CO-P30p	Trout Gulch Rd Improvements (Soquel Dr. to end)	<i>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.</i>	\$3,000		\$3,000
CO-P101	Two Bar Road Bridge Rehabilitation	<i>The project will consist of rehabilitating the existing narrow one lane structure and roadway approaches by widening to two lanes with shoulders and standard bridge approaches.</i>	\$1,865	\$1,865	
CO-P98	Upper Zayante Rd Improvements	<i>Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.</i>	\$1,500		\$1,500
CO-P32j	Valencia Rd Improvements (Trout Gulch Rd to Valencia School Rd)	<i>Road rehab and maint. Roadside improvements--left lane pockets, sidewalks, bike lanes and transit turnouts.</i>	\$1,760		\$1,760
CO-P28i	Varni Rd Improvements (Corralitos Rd to Amesti Rd)	<i>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.</i>	\$900		\$900
CO-P30q	Vine Hill Rd Improvements (Branciforte/Mt. View Rd to State Hwy 17)	<i>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.</i>	\$1,450		\$1,450
CO-P29h	Webster St Improvements (Jose Ave to 16th St)	<i>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.</i>	\$1,240		\$1,240
CO-P26b	West Beach Drive Improvements (City limits to Pajaro Dunes)	<i>Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.</i>	\$1,240	\$340	\$900
CO-P27i	Winkle Ave Improvements (entire length from Soquel Dr)	<i>Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement.</i>	\$1,725		\$1,725
Total Santa Cruz County Projects: 150			\$2,222,101	\$643,824	\$1,578,277

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
SCCRTC					
RTC 24f	2 - Hwy 1 Auxiliary Lanes & Bus on Shoulders (41st Ave to Soquel Ave) & Chanticleer Bike/Ped Bridge	<i>Construct auxiliary lanes, modify shoulders for bus operations, and construct a bicycle/pedestrian overcrossing of Hwy 1 at Chanticleer Ave. (Caltrans Project ID 05-0C732).</i>	\$8,400	\$8,400	
RTC 24e	3 - Hwy 1 Auxiliary Lanes & Bus on Shoulders (State Park to Bay/Porter) & Mar Vista Bike/Ped Xing	<i>Construct approximately 2.5 miles of auxiliary lanes northbound and southbound between State Park Dr and Park Ave interchange (1.2 miles) and the Park Ave and Bay/Porter interchange (0.7 miles); hybrid bus-on-shoulder/auxiliary lane facility between Bay Ave/Porter St and State Park Dr (total distance 3 miles). Includes bicycle/pedestrian overcrossing of Hwy 1 at Mar Vista Dr with sidewalk, ADA ramps, and intersection improvements at bridge approaches; reconstruction of Capitola Avenue overcrossing with wider sidewalks and bike lanes; and emergency pullouts and enforcement areas, sound wall, retaining walls, improved median barrier, lighting, overhead signs, traffic monitoring stations, drainage, and drought tolerant landscaping. [Part of Highway 1 CIP project (RTC 24a)] (EA# 05-1C733).</i>	\$20,000	\$20,000	
RTC 24g	4 - Hwy 1 Auxiliary Lanes & Bus on Shoulders (Freedom Blvd to State Park Dr) & Trail Segment 12	<i>Construct auxiliary lanes between State Park Dr-Rio Del Mar and Rio Del Mar Blvd - Freedom Blvd interchanges and modify shoulders to allow buses to use shoulders. Includes soundwalls and retaining walls; widening of the bridge over Aptos Creek/Spreckles Drive; Segment 12 of the MBSST (State Park Dr-Rio Del Mar Blvd/Sumner); and reconstruction of two railroad bridges over Highway 1, including bike/ped trail. [Part of Highway 1 CIP project (RTC 24a)] (EA# 05-C734).</i>	\$285,000	\$285,000	
RTC 24h	5 - Hwy 1 Reconstruct Morrissey Blvd Interchange	<i>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.].</i>	\$52,556		\$52,556
RTC 24i	6 - Hwy 1 Reconstruct Soquel Avenue Interchange	<i>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.].</i>	\$77,262		\$77,262

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
RTC 24j	7 - Hwy 1 Reconstruct Bay Ave/Porter St and 41st Avenue Interchange	<i>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.]</i>	\$114,000	\$14,000	\$100,000
RTC 24t	8 - Hwy 1 Bus on Shoulders (Main St to Freedom Blvd)	<i>Construct bus on shoulder facilities between Main St (152) and Freedom Bl.</i>	\$20,000	\$5,000	\$15,000
RTC 24r	94 - Hwy 1 Northbound Auxiliary Lane from San Andreas Rd/Larkin Valley Rd to Freedom Blvd	<i>Construct northbound auxiliary lane. [Note: This project was not included as part of Highway 1 CIP project (RTC 24a).]</i>	\$20,000		\$20,000
RTC 24k	95 - Hwy 1 Reconstruct Remaining Interchanges	<i>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.]</i>	\$146,000		\$146,000
RTC 24m	96 - Hwy 1 Construction of HOV Lanes from San Andreas Rd/Larkin Valley Rd to Morrissey Blvd	<i>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, some of which are listed separately (RTC 24e,f,g,h,i,j,r). The complete Hwy 1 HOV &amp; Aux Lane project is RTC 24z.</i>	\$71,123		\$71,123
RTC 24z	97 - Hwy 1 HOV Lanes from San Andreas Rd/Larkin Valley to Morrissey Blvd	<i>Complete project to construct HOV (or Carpool) and auxiliary lanes on Highway 1 from San Andreas Rd/Larkin Valley Rd to Morrissey Blvd, including 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: \$603M. See stand alone projects (RTC24-series) for estimated cost of incremental implementation.] Caltrans Project ID 05-0C730.</i>	\$1		\$1
RTC-P48	Climate Action Transportation Programs	<i>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.</i>	\$1,980	\$1,730	\$250

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
RTC-P50	Countywide Bicycle, Pedestrian and Vehicle Occupancy Counts	<i>Conduct counts to assess mode split over time and assess impact of new facilities. .</i>	\$380	\$180	\$200
RTC 02a	Cruz511 TDM and Traveler Information	<i>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.</i>	\$6,141	\$2,601	\$3,540
RTC 01	Freeway Service Patrol (FSP) on Hwy 1 and Hwy 17	<i>Ongoing system management and congestion reduction program. Maintain and expand tow truck patrols on Highways 1 and 17. Roving tow trucks work with the CHP to quickly remove obstructions (collisions, debris, etc) from travel lanes, and provide assistance to motorists during peak travel periods to keep incident related congestion to a minimum and keep traffic moving. Avg need: \$500k/yr constrained (SAFE, SB1, Measure D)</i>	\$15,000	\$12,500	\$2,500
RTC 38	Go Santa Cruz County Bicycle Incentives Program	<i>Countywide bicycle incentives program for income qualified individuals, including point-of-sale vouchers for the purchase of an electric or classic bicycle and discounted annual memberships for the regional electric bikeshare service.</i>	\$5,000	\$2,500	\$2,500
RTC 34	Hwy 1 Ramp Metering: Northern Sections Between San Andreas Road and Morrissey Blvd	<i>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).</i>	\$6,700		\$6,700
RTC 37	Hwy 9 Felton-SLV Schools Complete Streets Enhancement (EA 05-1M551)	<i>Improve safety, enhance bicycle and pedestrian access and connectivity, reduce speeding, and address geographic inequities by rectifying underinvestment in rural regions. Improvements include crossing safety enhancements such as curb extensions and refuge islands, transit stop and stop access improvements, and bicycle intersection safety enhancements. Part of CT-P76 (EA 05-1K890)</i>	\$2,149	\$2,149	
RTC 27a	MBSST Design, Environmental Clearance, and Construction (Segments 13-20)	<i>SEE PROJECT TRL 13-20</i>	\$0	\$0	\$0
RTC 27b	MBSST Rail Trail Corridor Maintenance	<i>Ongoing maintenance rail trail corridor. Includes**maintenance of coompleted trail segments** clean-up, trash/recycling removal, graffiti abatement, brush clearance, surface repairs (from drainage issues, tree root intrusion) etc. and encroachments (est. \$1M/yr).</i>	\$40,600	\$13,000	\$27,600

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
TRL 5	MBSST Segment 5 (Wilder Ranch to Davenport)	<i>Monterey Bay Sanctuary Scenic Trail Network (MBSST) Segment 5. Project includes 7.5 miles of Class 1 multi-use bicycle/pedestrian paved path with shoulders along the rail corridor on north coast of Santa Cruz County from Wilder Ranch to Davenport. Also includes Davenport crosswalk at Hwy 1/Ocean St, two parking lots at Yellowbank Beach and Davenport Beach, a path from the Bonny Doon parking lot to the rail trail, and a new ped overpass over Hwy 1 at Yellowbank. (Combined Trl 5a, Trl 5b, Trl 5c).</i>	\$51,400	\$51,400	
TRL 13-20	MBSST Segments 13 to 20 (Rio Del Mar to Pajaro Junction)	<i>Constrained \$=Seg 18 ph 2 (\$8m), 19 (\$1m), and 20 (\$13.8m) = \$22.8M</i>	\$413,700	\$14,800	\$398,900
RTC 27d	MBSST Trail Maintenance		\$31,000	\$13,000	\$18,000
RTC 27c	MBSST Trail Management Program	<i>Coordinate trail implementation as it traverses multiple jurisdictions to ensure uniformity; serve as Project Manager for construction of some segments; handle environmental clearance; coordinate use in respect to other requirements (closures for ag spraying, etc); solicit ongoing funding and distribute funds to implementing entities through MOUs; coordinate with community initiatives; etc. (est. \$435k/yr).</i>	\$6,600	\$6,600	\$0
RTC-P59	Measure D Administration and Implementation	<i>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. Avg. annual cost: \$760k/yr</i>	\$16,500	\$16,500	
RTC-P51	Performance Monitoring	<i>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.</i>	\$1,775	\$120	\$1,655
RTC 04	Planning, Programming & Monitoring (PPM) - SB45	<i>Development and amendments to state and federally mandated planning and programming documents, monitoring of programmed projects. Avg annual cost: \$200k/yr.</i>	\$4,772	\$4,772	
RTC 03a	Rail Line Repairs and Bridge Rehabilitation	<i>Infrastructure preservation for current uses and future transportation purposes. Includes railroad bridge rehabilitation and 2017 storm damage repairs.</i>	\$7,186	\$7,186	\$0
RTC-P41	Rail Line: Freight Service Upgrades	<i>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.</i>	\$30,000		\$30,000

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
RTC 03e	Rail Line: Pajaro River Railroad Bridge Rehabilitation	<i>Rehabilitate the bridge structure over Pajaro River.</i>	\$670	\$670	
RTC 03b	Rail Line: Track infrastructure, signage, maintenance and repairs	<i>Ongoing operating, maintenance, repair, rehabilitation, and oversight of railroad track infrastructure and signage (~\$175k/year).</i>	\$39,133	\$39,133	
RTC 03d	Railroad Bridge Inspections & Analysis	<i>Railroad Bridges are required to be inspected and load rated every 540 days per Federal Railroad Administration (FRA) requirements.</i>	\$3,750	\$3,750	
RTC 36	Regional Conservation Investment Strategy (RCIS)	<i>Early mitigation planning for transportation projects.</i>	\$5,000	\$5,000	
RTC-P60	Regional State Transit Assistance Projects	<i>State Transit Assistance (STA) eligible transit projects. Constrained amount is 25% of STA 99313 revenue estimates.</i>	\$20,000	\$20,000	
RTC-P49	RTC Bikeway Map	<i>Update, print and distribute free SC County Bikeway Map and update GIS files as needed.</i>	\$250	\$250	
RTC-P01	SAFE: Call Box System Along Hwys	<i>Motorist aid system of telephone call boxes along all highways plus maintenance and upgrades. Call boxes may be used to request assistance or report incidents. Avg annual cost: \$245k/yr.</i>	\$490	\$490	
RTC-P61	Santa Cruz Branch Rail Line Trestle Reconstruction and San Vicente Restoration	<i>Reconstruct the Santa Cruz Branch Rail Line and North Coast Rail Trail at San Vicente Creek mouth to address coastal resiliency and to reestablish the San Vicente Creek watershed currently restricted by the Santa Cruz Branch Rail Line embankment.</i>	\$100,000	\$3,500	\$96,500
RTC-P07	SCCRTC Administration (TDA)	<i>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: \$700k/yr.</i>	\$17,500	\$17,500	
RTC-P08	SCCRTC Planning	<i>SCCRTC Planning Tasks. Includes public outreach, long and short range planning, interagency coordination. Avg annual cost: \$630k/yr.</i>	\$15,750	\$15,750	
RTC-P43	Senior Employment Ride Reimbursement	<i>Reimburse low income seniors for transit expenses to/from employer sites.</i>	\$1,200	\$600	\$600
RTC-P25	Transit Oriented Development Grant Program	<i>Smart growth grant program to fund TODs that encourage land use and transportation system coordination. May include joint child care/PNR/transit centers.</i>	\$4,500		\$4,500
RTC-P56	Transportation Demand Management Ordinance and User Guide	<i>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.</i>	\$260		\$260

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
RTC 15	Vanpool Incentive Program	<i>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.</i>	\$640	\$70	\$570
RTC 35	Zero Emission Passenger Rail and Trail (ZEPRT)	<i>Zero emission passenger rail transit service from Natural Bridges Drive to Pajaro Station and MBSST trail Seg 13-20 and Capitola Trestle area. Constrained \$ = Funding to complete Concept Report. Trail Segments 13-20-specific costs excluded (included in RTC 27a). Implementation pending environmental review and availability of revenues for transit operations and construction.</i>	\$3,871,001	\$33,621	\$3,837,380
Total SCCRTC Projects: 44			\$5,535,369	\$621,772	\$4,913,597

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
<b>Scotts Valley</b>					
SV-P55	Bean Creek Rd at Bluebonnet Traffic Circle	Install traffic circle to slow traffic and improve visibility of crosswalk. Source ATP Plan.	\$300		\$300
SV-P35	Bean Creek Rd Sidewalks (SVMS to Blue Bonnet)	Fill gaps in sidewalks on Bean Creek Rd.	\$410	\$410	
SV-P57	Bean Creek Rd Traffic Calming and Sidewalk Upgrades	Install traffic calming measures and upgrade to standard sidewalk on east side of the street. Study options to install Class I facility on east side of the street. Source ATP Plan.	\$650		\$650
SV-P65	Bean Creek Rd/Camp Evers Connection	Pave (asphalt or concrete) existing dirt paths on Bean Creek Rd. Source SRTS Plan.	\$21		\$21
SV-P56	Bean Creek Road at SV Middle School driveway crosswalk improvements	Realign crossing and rebuild ADA ramp on west side. Upgrade crosswalk to high visibility. Source SRTS Plan.	\$53	\$53	
SV-P16	Bean Creek Road Realignment	Realign Bean Creek Road to intersect Scotts Valley Drive farther North to create a four way intersection.	\$2,840		\$2,840
SV-P59	Bluebonnet Lane at Monteville Crosswalk Improvements	Install high-visibility raised crosswalk. Source ATP Plan.	\$25		\$25
SV-P58	Bluebonnet Lane Separated Bikeway	Install raised cycletrack or Class IV separated bikeway to narrow travel lanes and decrease pedestrian crossing distance. Source ATP Plan.	\$290		\$290
SV-P60	Carbonera Creek Multi-Use Path	Study options to install multi-use path connecting parks along Carbonera Creek. Source ATP Plan.	\$300		\$300
SV-P06	Citywide Access Ramps	Place handicap ramps at various locations. Avg annual cost: \$8K/yr.	\$126	\$126	
SV-P63	Citywide Bicycle Detection at Intersections	Install bicycle detection at intersections: either in-ground detection loops, video detection, or bicycle push-buttons. If in-ground detection loops are used, used bike symbol to show cyclists where to position themselves. Source ATP Plan.	\$380		\$380
SV-P41	Citywide Bike Lanes	Construction of additional bike lanes and paths citywide (including Green Hills).	\$4,931	\$4,931	\$0
SV-P64	Citywide Crosswalk Improvements	Upgrade crosswalks near schools to high visibility. Source SRTS Plan.	\$300	\$300	\$0
SV-P27	Citywide General Maintenance and Operations	Ongoing maintenance, repairs, and operation of road/street system within the City limits. (\$400K/yr const; \$250/yr unconst).	\$50,000	\$25,141	\$24,859
SV-P80	Citywide Pedestrian Signals	Install pedestrian countdown signal heads at all signalized intersections. Source ATP Plan.	\$120		\$120
SV-P05	Citywide Sidewalk Program	Install sidewalks to fill gaps. Annual Cost \$50k/yr.	\$2,500	\$1,250	\$1,250
SV-P33	Civic Center Dr Bike Lanes	Add bike lanes to narrow road.	\$410		\$410

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
SV-P14	El Pueblo Rd Ext North	Connect El Pueblo Road via Janis Way to Victor Square, crossing Carbonero Creek.	\$1,240		\$1,240
SV-P15	El Pueblo Rd Extensions	Connect El Pueblo Road to Disc Drive.	\$410		\$410
SV-P66	El Pueblo Rd Sidewalk Connections	Fill sidewalk gaps and install pedestrian-scale lighting. Source ATP Plan.	\$950		\$950
SV-P36	El Rancho Dr Bike Lanes	Add bike lanes on El Rancho within city limits.	\$340		\$340
SV-P23	Emergency Access (Bethany Dr & Glenwood Dr)	Connect Bethany Drive to Glenwood Drive.	\$210		\$210
SV-P24	Emergency Access (Granite Creek at Hwy 17)	Connect Granite Creek Rd to SR 17 via Navarra Drive to Sucinto Drive, for emergency access.	\$570		\$570
SV-P25	Emergency Access (Scotts Valley Dr at Upper Willis Dr)	Connect Scotts Valley Drive to Upper Willis Road for emergency access.	\$1,030		\$1,030
SV-P22	Emergency Access (Sunridge & El Pueblo)	Connect Sunridge Drive to Disc Drive for emergency access.	\$410		\$410
SV-P26	Emergency Access (Whispering Pines)	Connect Whispering Pines Drive to Manana Woods for emergency access.	\$50		\$50
SV-P68	Erba Lane Sidewalk Connection	Install sidewalk between Scotts Valley Drive and fire station. Source ATP Plan.	\$85		\$85
SV-P67	Erba Lane/ MacDorsa Sidewalk Connection	Install pedestrian pathway/sidewalk between Erba Lane and MacDorsa Park. Source Parks Master Plan.	\$200		\$200
SV-P10	Erba Lane/Terrace View/SV Drive Realignment	Realign Terrace View to access Scotts Valley Drive via Erba Lane.	\$520		\$520
SV-P69	Glen Canyon Rd at Hwy 17 Overpass Pedestrian Bridge	Study options to install pedestrian pathway under freeway bridge. Source ATP Plan.	\$100		\$100
SV-P29	Glen Canyon Rd Bike Lanes	Class 2 Bike lanes from Flora Lane to Green Hills. Oak Creek to Flora Ln are already complete.	\$1,030		\$1,030
SV-P71	Glendwood Dr Bicycle Improvements	Add buffers and keep bike lanes at 5' by narrowing travel lanes to 11' and/or expanding right of way. Source SRTS Plan.	\$103		\$103
SV-P70	Glenwood Dr at Meadow View Dr Intersection Improvements	Install curb extensions to shorten crossing distance. Upgrade crosswalks to high visibility and install LED flashing stop signs. Source SRTS Plan.	\$117		\$117
SV-P73	Granite Creek Rd Overcrossing (Repaving and Bike/Ped Upgrades)	Repave the asphalt surface on Granite Creek Road from Scotts Valley Drive to the Santas Village Road intersection. Restriping along the corridor and both intersections to narrow travel lanes and widen bike lanes. Improvements include green pavement treatments in bike lanes, a bicycle box, a new retaining wall to stabilize sidewalk areas, addition of truncated domes where missing, traffic signal modifications and reconstruction of sidewalks to meet ADA requirements.	\$3,100	\$3,100	

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
SV-P72	Granite Creek Rd Overpass Bike/Ped modificaitons	<i>Study options to rebuild overpass to widen sidewalks and install Class IV separated bikeways. Install pedestrian-scale lighting (long term). Source ATP Plan.</i>	\$200		\$200
SV-P74	Hacienda Way Intersection Modification and Improvements	<i>Install curb extensions to reduce crossing distance. Reduce Hacienda Way to one lane at intersection. Look into undergrounding utility pole at northern corner of intersection. Source SRTS Plan.</i>	\$100	\$100	
SV-P01	Hwy 17 at Midtown Interchange	<i>Construct new SR17 interchange midway between Mt. Hermon Rd and Granite Creek Rd. Will require right-of-way.</i>	\$32,000		\$32,000
SV-P44	Hwy 17 at Mt. Hermon Rd Interchange Operations Improvement	<i>Add lane to SB off-ramp at Hwy 17/Mt. Hermon Rd interchange.</i>	\$1,030		\$1,030
SV-P95	Hwy 17 On/Off Ramp Bike & Pedestrian Improvements	<i>Install leading pedestrian interval and curb extension at NE corner of intersection. Upgrade all crosswalks to high visibility. Install green bike conflict markings through intersection. Install bicycle detection at Glenwood/Scotts Valley Drive intersection approaches. Source SRTS Plan. Short term.</i>	\$207	\$207	
SV-P94	Hwy 17 On/Off Ramp Modernization & Redesign	<i>Begin discussions with Caltrans about modernizing freeway on- and off-ramps. Study options to redesign intersection. Source ATP Plan. long term.</i>	\$100		\$100
SV-P62	In-Street Pedestrian Crossing Improvements	<i>Install in-street pedestrian crossing signs (R1-6) at uncontrolled crossings near schools, parks, and other areas with high pedestrian traffic. Source ATP Plan.</i>	\$4		\$4
SV-P75	Kings Village Rd Bike/Ped Connection	<i>Install bike/pedestrian connection between potential new development at 440 Kings Village Road and Town Center property. Source ATP Plan.</i>	\$95		\$95
SV-P76	Kings Village Rd Crosswalk Improvements	<i>Upgrade all crosswalks to high visibility. Install curb extensions to shorten crosswalks where feasible. Source ATP Plan.</i>	\$370		\$370
SV-P52	Kings Village Rd/Town Center Entrance Traffic Signal	<i>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.</i>	\$1,000	\$105	\$895
SV-P77	La Madrona Dr Bike/ Ped Improvements	<i>Install pedestrian improvements on La Madrona Drive between project site and Mount Hermon Road, when Gateway South project developed. Restripe bike lanes and continue northbound bike lane to intersection of Mount Hermon Road. Install dashed green lane treatments where bike lane crosses right turn lane. Source ATP Plan.</i>	\$200		\$200

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
SV-P78	Lockwood Lane Multi-Use Path	<i>Install Class I multi-use path between Mount Hermon Road and Whispering Pines Drive. Source ATP Plan (long term).</i>	\$1,300		\$1,300
SV-P79	Lockwood Lanes Sidewalk & Sharrows	<i>Fill sidewalk gaps on south side of street. Install green backed sharrows. (short term).</i>	\$90	\$90	
SV-P37	Lockhart Gulch Rd Bike Lanes	<i>Add Class 2 bike lanes to narrow, primarily residential street.</i>	\$720		\$720
SV-P81	Lockhart Gulch Road Multi-Use Path	<i>Study options to install multi-use path between Lockhart Gulch or Green Valley Road and Coast Range Road, including an unpaved pathway. Source ATP Plan.</i>	\$25		\$25
SV-P21	Lockwood Ln Pedestrian Signal Near Golf Course	<i>Construct a pedestrian signal at unprotected ped crossing on Lockwood Lane.</i>	\$50	\$50	
SV-P49	Mt Hermon Rd and Scotts Valley Drive - Crosswalks	<i>Increase number of crosswalks on Mt Hermon/Scotts Valley Dr, update crosswalks to block pattern, add pedestrian treatments where necessary at intersections to decrease distance across using refuge islands. Add crosswalks to all sides of intersections (particularly an issue on Scotts Valley Dr). Add HAWK signals to provide a low delay signalized crossing opportunity at select locations. Examples include the Safeway Driveway on Mt. Hermon Rd, at Victor Square/Scotts Valley Dr., and at Tramell Way/Scotts Valley Dr.</i>	\$890	\$375	\$515
SV-P09	Mt Hermon Rd Circulation Master Plan	<i>Provides various circulation and access improvements to the Mount Herman corridor.</i>	\$3,620		\$3,620
SV-P83	Mt Hermon Rd Complete Streets	<i>Explore installation of buffered bike lanes or Class IV separated bikeways by narrowing lane widths to 11', as recommended in Town Center Plan, or through plan lines study to gain additional ROW as properties redevelop. Source ATP Plan.</i>	\$190		\$190
SV-P82	Mt Hermon Rd Complete Streets Bike & Ped Improvements	<i>Install bike and pedestrian improvements including filling sidewalk gaps, high-visibility crosswalks, green bike lane treatments, and curb radius reduction. Source ATP Plan.</i>	\$20,800	\$20,000	\$800
SV-P53	Mt Hermon Rd to El Rancho Drive Bike/Ped Connection	<i>Study options to install a new bike/ped connection between Mt Hermon Road and El Rancho Drive which could include improved bike/ped facilities on existing interchange or new bike/ped crossing.</i>	\$1	\$1	
SV 34	Mt Hermon Road Improvements	<i>Pavement repairs and pedestrian and bicycle improvements on Mount Hermon Road from La Madronna Dr to Glen Canyon Rd. The project will evaluate the implementation of ATP projects for inclusion in the scope of work.</i>	\$800	\$800	
SV-P30A	Mt Hermon Road Sidewalk Connections	<i>Add sidewalks to fill gaps in business district.</i>	\$520	\$520	

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
SV-P51	Mt Hermon Road/Town Center Entrance Traffic Signal	<i>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.</i>	\$260	\$130	\$130
SV-P13	Mt Hermon, Lockwood, Springs Lake Widening	<i>Widen, reconstruct and improve portions of roadway and intersection.</i>	\$4,130		\$4,130
SV-P46	Mt Hermon/King's Village Rd-Transit Signal priority	<i>Transit signal priority at Kings Village Rd/Mt Hermon Rd.</i>	\$80	\$80	
SV-P47	Mt Hermon/Scotts Valley - Transit Queue Jump	<i>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.</i>	\$620	\$620	
SV-P84	N. Navarra Dr Bike/Ped Access	<i>Reconfigure gate to Sucinto Lane to allow for bike/pedestrian access. Source Parks Master Plan.</i>	\$50		\$50
SV-P34	N. Navarra Dr-Sucinto Dr Bike Lanes	<i>Add bike lanes to developing area behind commercial.</i>	\$620		\$620
SV-P85	Navarra Dr Sharrows & Wayfinding	<i>Install green backed sharrows on N. Navarra Dr. Install bike wayfinding signage on S. Navarra Dr. to highlight Green Hills Road connection. Source ATP Plan.</i>	\$4		\$4
SV-P28	Neighborhood Traffic Calming	<i>Citywide traffic calming devices.</i>	\$750	\$750	
SV-P86	Quien Sabe Rd Sidewalk	<i>Install sidewalk on one side of the street between Scotts Valley Drive and Oak Creek Boulevard. Source ATP Plan.</i>	\$100		\$100
SV-P87	Sandraya Heights Rd Crossing Improvements	<i>Install curb extension on northwest corner to shorten crossing. Install high-visibility crosswalk. Source SRTS Plan (long term).</i>	\$53		\$53
SV-P88	Santa's Village Rd Sidewalk Improvements	<i>Widen sidewalk to Class I multi-use path to connect new housing developments with Granite Creek Road. Source ATP Plan.</i>	\$400		\$400
SV-P89	Scotts Valley Dr at Bean Creek Road Crossing Improvements	<i>Install high visibility crosswalks, curb extensions and median refuge islands. Install lead pedestrian interval. Study options to eliminate or modify southbound right-turn lane approaching Bean Creek Road to reduce crossing distance. Source SRTS Plan.</i>	\$150		\$150
SV-P90	Scotts Valley Dr at Mount Hermon Road Lane Modifications	<i>Study options to redesign or modify right-turn slip lanes to improve pedestrian visibility. Source ATP Plan.</i>	\$30		\$30

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
SV-P91	Scotts Valley Dr at Victor Square Crosswalk/Sidewalk Improvements	<i>Add new marked crosswalk at north leg of intersection or relocate crosswalk to north leg to reduce vehicle/pedestrian conflicts. Install pedestrian countdown signal heads. Install sidewalk on Victor Square between Scotts Valley Drive and shopping center entrance. Source ATP Plan.</i>	\$40		\$40
SV 35	Scotts Valley Dr Complete Streets Improvements	<i>Pavement improvement project on Scotts Valley Drive. Improvements include studying a lane diet or narrowing lane widths to reduce crossing distances and providing buffered bike lanes. The City is currently spending approximately \$100,000 completing pavement patching and crack seal on the roadway. The City would like to leverage the budgeted funds and expand the scope of work to include the study of the ATP recommendations and implement them as part of the project.</i>	\$1,100	\$1,100	
SV-P92	Scotts Valley Dr Lane Modifications/Pedestrian Crossing Improvements	<i>Reduce lane widths or reduce to one lane in each direction to reduce pedestrian crossing distance and provide wider sidewalk, landscape strip and/or buffered bike lanes or Class IV separated bikeway. Source ATP Plan and SRTS Plan.</i>	\$516		\$516
SV-P45	Scotts Valley Town Center Bicycle/Pedestrian Facilities	<i>Bicycle and pedestrian facilities and circulation elements within planned development.</i>	\$4,130	\$4,130	
SV-P96	Siltanen Community Park Connector Paths	<i>Improve paths to school campus. Source SRTS Plan. Cost TBD.</i>			
SV-P11	Sky Park Commercial Area Circulation	<i>Construct infrastructure improvement for Skypark commercial area.</i>	\$2,070		\$2,070
SV-P97	Skypark Bicycle Improvements	<i>Widen path to allow for bike and pedestrian access, or install separate path for bicyclists to connect Skypark Drive and Kings Village Road. Source ATP Plan. Cost TBD.</i>			
SV-P42	Synchronize Traffic Signals along Mt. Hermon Road	<i>Re-time to coordinate traffic signals along Mt. Hermon Road.</i>	\$750	\$750	
SV-P61	Upgrade Bicycle Sharrows	<i>Upgrade all white sharrows in City limits to green backed sharrows. Source ATP Plan.</i>	\$12		\$12
SV-P101	Vine Hill Rd Bicycle and Pedestrian Overcrossing of Highway 17	<i>Bike/Ped overcrossing over Highway 17 connecting Vine Hill Rd and Santas Village Rd.</i>	\$20,000	\$0	\$20,000
SV-P99	Vine Hill School Rd (Glenwood Dr-Tabor Dr) Bike Lane Widening	<i>Narrow travel lanes to 11' to widen bike lanes to 6'. Remove signs that indicate bike lanes are dependent on time of day. Source SRTS Plan.</i>	\$44	\$44	
SV-P98	Vine Hill School Rd Sidewalk Improvements	<i>Fill sidewalk gaps on north/ east side of street. Source ATP Plan.</i>	\$250		\$250
SV-P100	Whispering Pines Dr Separated Bikeways (Mt Hermon-Lundy Ln)	<i>Upgrade bike lanes to buffered bike lane or Class IV separated bikeway. Source SRTS Plan.</i>	\$75	\$75	
Total Scotts Valley Projects: 83			\$174,667	\$65,238	\$109,429

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
UCSC					
UC-P64	Alternative Fuel Fleet Vehicles	<i>Purchase and upgrade fleet vehicles to alt. fueled vehicles (refuse trucks, street sweepers, fleet cars, etc.).</i>	\$3,000	\$400	\$2,600
UC-P22	Alternative Fuel/Electric Shuttle Vehicles	<i>Capital acquisition of vehicles/conversion of shuttles to EV.</i>	\$10,330		\$10,330
UC-P51	Bike Shuttle Vehicle Acquisition	<i>Acquire more alt fueled vehicles for bike shuttle (and possible expansion).</i>	\$520		\$520
UC-P62	Bus Tracking and AVL Transit Programs	<i>GPS bus tracking and Automatic Vehicle Locator programs inform travelling population of transit locations so they can make informed mode choices.</i>	\$260	\$260	
UC-P39	College Nine/Communications Pedestrian Bridge	<i>Construct pedestrian bridge.</i>	\$1,030		\$1,030
UC-P37	College Nine/Crown College Pedestrian Bridge	<i>Construct pedestrian bridge.</i>	\$1,550		\$1,550
UC-P42	Coolidge Overlook	<i>Improve overlook for parking, benches and signage for Sanctuary.</i>	\$620		\$620
UC-P75	Disability Van Service	<i>Operate disability van service. Avg. \$150k/yr</i>	\$3,750	\$3,750	
UC-P46	East Collector Transit Hub	<i>New transit hub at East Collector (East Remote) lot.</i>	\$5,170		\$5,170
UC-P65	Electric Vehicle Charging Stations	<i>Add additional electrical infrastructure and install electric vehicle charging stations around campus.</i>	\$8,000		\$8,000
UC-P78	Hagar Drive Roundabouts and Safety Improvements	<i>Install three compact roundabouts, add vertical reflectors on curves and add new delineators to create protected bike lanes.</i>	\$2,309	\$2,309	
UC-P10	Hagar/McLaughlin Intersection Improvements	<i>Signal, pedestrian safety improvements(including new crosswalk) and roadway improvements.</i>	\$520		\$520
UC-P14	Hagar/Steinhart Intersection Improvements	<i>Signal, pedestrian safety improvements, transit, roadway improvements.</i>	\$1,030		\$1,030
UC-P47	Hagar-Coolidge Connector Road/Hagar/East Remote Intersection Improvements	<i>New roadway connector, including bicycle lanes, between Hagar Drive and Coolidge, plus Hagar/East Remote Intersection Improvements: signal, pedestrian safety improvements and roadway improvements.</i>	\$3,100		\$3,100
UC-P56	Heller Drive Bicycle Lanes (Empire Grade to Porter College)	<i>Add Class II bicycle lanes in downhill direction as feasible.</i>	\$830		\$830
UC-P72	Kerr/Porter Rd Pedestrian Bridge ADA Upgrades	<i>Modify bridge to improve access.</i>	\$3,100		\$3,100
UC-P30	McLaughlin Drive Bike Lanes/Pedestrian Enhancements	<i>Install Class 2 bike lanes and enhance pedestrian circulation on University campus roadway.</i>	\$2,580		\$2,580
UC-P04	Meyer Drive Extension	<i>Extension of Meyer Drive from existing Meyer Drive to Hagar Drive. Includes potential construction of two bridges, pedestrian, and bicycle facilities.</i>	\$20,660		\$20,660

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
UC-P77	Multimodal Hub Planning Study	<i>Study to propose concept for development of various types of multi-modal hubs for main campus and satellite facilities to include transit, parking, bike, pedestrian and other mobility options to meet future needs.</i>	\$750		\$750
UC-P08	Northern Entrance	<i>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.</i>	\$10,330		\$10,330
UC-P07	Northern Loop Roadway	<i>Construct new roadway, including bicycle lanes, on upper campus. Will be phased. Phase I: Chinquapin Extension to support Social Science 3.</i>	\$18,590		\$18,590
UC-P68	Parking Management Technology Improvements	<i>Updating existing parking management technologies to allow for more effective management.</i>	\$320	\$320	
UC-P38	Pedestrian Directional Map/Wayfinding System	<i>Develop and install signs throughout campus.</i>	\$400	\$400	
UC-P36	Porter/Performing Arts Pedestrian Bridge	<i>Construct pedestrian bridge.</i>	\$1,030		\$1,030
UC-P40	Science Hill/North Academic Core Pedestrian Bridge	<i>Construct pedestrian bridge.</i>	\$1,030		\$1,030
UC-P50	Sidewalk/Pedestrian Improvements	<i>Widen sidewalks/improve ped access in areas of campus.</i>	\$5,170		\$5,170
UC-P34	Spring Street Bikeway	<i>Construct bikeway connecting Spring Street to Hagar Ct.</i>	\$310		\$310
UC-P03	Steinhart Way Multimodal Improvements	<i>Roadway improvements for shuttles, bikes and pedestrians. .</i>	\$2,500		\$2,500
UC-P19	Transit Pullouts and Shelters Enhancements	<i>Construction and installation of transit pullouts and reconstruction of shelters throughout campus.</i>	\$1,550		\$1,550
UC-P23	Transit Vehicles (ongoing)	<i>Ongoing capital acquisition of transit vehicles for on-campus transit and University shuttles.</i>	\$4,500	\$2,500	\$2,000
UC-P66	Transportation-Related Stormwater Management Projects	<i>Retrofitting existing transportation facilities and developing new facilities with new stormwater management techniques.</i>	\$800	\$800	
UC-P61	Traveler Safety Education & Information Programs	<i>Bike/pedestrian safety programs; light and helmet giveaways, safety classes, distracted driver programs, bus etiquette program.</i>	\$635	\$75	\$560
UC-P55	UCSC Bicycle Facilities	<i>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.</i>	\$1,030		\$1,030
UC-P33	UCSC Bicycle Parking Improvements	<i>Install bicycle parking facilities to serve bicycle commuters to the University.</i>	\$400	\$400	
UC-P52	UCSC Bike Loan Program	<i>Develop and implement a bike loan program for UC students.</i>	\$1,030		\$1,030
UC-P32	UCSC Bike Showers/Storage Lockers	<i>Install showers and storage facilities to serve bicycle commuters to the University.</i>	\$620		\$620

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
UC-P76	UCSC Campus Transit EV Bus Charging and Parking Yard	<i>Development of a new Electric bus Charging and Parking Yard and development of new electrical infrastructure for EVSE for campus transit fleet.</i>	\$10,000		\$10,000
UC-P69	UCSC Commute Counseling Program	<i>Staffing program development to individually market to UCSC affiliates on more sustainable means of travel to campus.</i>	\$600	\$600	
UC-P70	UCSC Commuter Incentive Programs	<i>Provide ongoing support and development of new programs to encourage travel to campus via sustainable modes of travel. (Avg. \$500k/yr)</i>	\$12,500	\$12,500	
UC-P59	UCSC Lump Sum Roadway Maintenance	<i>Repaving and rehabilitation of roadways on UCSC campus to maintain existing network.</i>	\$9,090	\$1,365	\$7,725
UC-P01	UCSC Main Entrance Improvements	<i>Realign roadway, transit pullout/shelter, relocate bike parking, construct pedestrian path, historic resource analysis. Work may be done in conjunction with City Roundabout project.</i>	\$2,125	\$2,125	
UC-P48	UCSC Metro Station Bus Rapid Transit Improvements	<i>Bus Rapid Transit Improvements between Metro Station, Bay Street Corridor, and UCSC Roadways.</i>	\$5,170		\$5,170
UC-P73	UCSC Parking Operations & Maintenance	<i>Operate and administer the parking operations for UCSC including planning, TDM, marketing and debt service. Constrained\$ = \$3.5M/yr.</i>	\$87,500	\$87,500	
UC-P58	UCSC Traffic Control	<i>Non-traditional traffic control/crossing guard program at key intersections on UCSC campus to improve pedestrian and vehicle safety, reduce conflicts, improve travel times.</i>	\$1,990	\$1,990	
UC-P74	UCSC Transit Service	<i>Operate the on-campus shuttle service. Avg. \$3.5M/yr</i>	\$100,000	\$100,000	
UC-P63	UCSC Vanpool Program	<i>Maintain, operate and expand upon UCSC vanpool program.</i>	\$875	\$875	
Total UCSC Projects: 46			\$349,204	\$218,169	\$131,035

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
Various Agencies					
VAR-P57	AB 413 Countywide Daylighting Implementation	<i>AB 413 prohibits parking within 20 feet of a crosswalk, effectively "daylighting" intersections to improve visibility for pedestrians and drivers, thereby enhancing safety.</i>	\$2,000	\$2,000	
VAR-P39	Active Transportation Plans	<i>Prepare or Update 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.</i>	\$3,500	\$1,750	\$1,750
VAR-P52	Ben Lomond Complete Streets (County Roads)	<i>May be implemented by RTC or County of SC, in partnership with others. Implementation of priorities for the Ben Lomond area identified in the Complete Streets Corridor Plan. Includes improvements to increase safety and discourage speeding, updated and expanded bicycle and pedestrian facilities including shoulder widening, auto turn lanes and other auto circulation improvements, and transit improvements in SLV. .</i>	\$3,455	\$3,455	
VAR-P32	Bicycle Treatments for Intersection Improvements	<i>Add painted bike treatments (such as buffered and/or painted bike lanes, bike boxes, bike detection and signals), at major intersections.</i>	\$3,500	\$3,500	
RTC 16	Bike Parking Subsidy Program	<i>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.</i>	\$625		\$625
VAR-P16	Bikeshare	<i>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.</i>	\$500		\$500
VAR-P53	Boulder Creek Complete Streets (County Roads)	<i>May be implemented by SCCRTC or County of SC, in partnership with others. Implementation of priorities for Boulder Creek identified in the Complete Streets Corridor Plan not on SR9. Includes improvements to increase safety and discourage speeding, updated and expanded bicycle and pedestrian facilities including shoulder widening, auto turn lanes and other auto circulation improvements, and transit improvements in SLV. .</i>	\$1,475	\$1,475	

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
VAR-P59	Cabrillo College TDM Programs	<i>Provide students and employees at all four Cabrillo College campuses with education, promotion, and incentives that support the use of sustainable transportation modes including shared micro-mobility. 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.</i>	\$2,000	\$500	\$1,500
VAR-P06	Carsharing Program	<i>Program to assist people in sharing a vehicle for occasional use. Encourage EV Carsharing vendors to serve low income residents. Implementing Agency TBD, varies.</i>	\$3,000	\$1,450	\$1,550
VAR-P50	Climate Adaptation, Resiliency, and Hazard Mitigation	<i>Projects to make transportation infrastructure more resilient, including through the use of natural infrastructure, to the effects of extreme weather and natural disasters. [Total cost unknown].</i>	\$20,000	\$20,000	
VAR-P27	Complete Streets Implementation	<i>Additional projects for complete streets implementation that would fall under the Complete Streets Guidelines.</i>	\$40,000	\$20,000	\$20,000
VAR-P23	Coolidge Drive Reconstruction	<i>Reconstruction of roadway and bike lane.</i>	\$3,100		\$3,100
VAR-P58	Countywide Pedestrian Signal Upgrades	<i>Installation of accessible pedestrian equipment with locator tones including rapid flashing beacons and count down times to facilitate roadway crossings by visually and mobility impaired persons.</i>	\$1,500	\$500	\$1,000
VAR-P24	Countywide Senior Driving Training	<i>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.).</i>	\$874	\$54	\$820
VAR-P31	Countywide Uncontrolled Pedestrian Crossing Improvements	<i>Implement improvements to uncontrolled pedestrian crossing such as painted and/or raised crosswalks, flashing beacons and pedestrian islands.</i>	\$4,000	\$1,500	\$2,500
VAR-P17	Eco-Tourism Sustainable Transportation	<i>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.</i>	\$1,000	\$0	\$1,000
VAR-P44	Electric Bicycle Commuter Incentive Program	<i>Financial incentives, promotion and/or education to encourage residents to use electric bikes instead of commuting by car.</i>	\$3,414	\$684	\$2,730
VAR-P49	EV Charging Stations for Low Income Residents	<i>EV charging station installation with a focus on equity so low income residents can access home charger especially those living in apartment/multi-dwelling units.</i>	\$28,000	\$8,000	\$20,000

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
VAR-P54	Felton Complete Streets (County Roads)	<i>May be implemented by SCCRTC or County of SC, in partnership with others. Implementation of priorities for Felton identified in the Complete Streets Corridor Plan not on SR9. Includes improvements to increase safety and discourage speeding, updated and expanded bicycle and pedestrian facilities including shoulder widening, auto turn lanes and other auto circulation improvements, and transit improvements in SLV. .</i>	\$3,985	\$3,985	
VAR-P18	Hwy 1 Mission Street Bike & Truck Safety Campaign	<i>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.</i>	\$375	\$375	
VAR-P46	Live Oak Transit Hub	<i>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.</i>	\$530	\$530	
VAR-P11	Local Arterial ITS Infrastructure	<i>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.</i>	\$1,000	\$1,000	
VAR-P14	Lump Sum Bridge Preservation	<i>Painting, Barrier Rail Replacement, Low Water Crossing, Rehab, and Replacement bridges for SHOPP and Highway Bridge Program (HBP).</i>	\$59,200	\$59,200	
VAR-P13	Lump Sum Emergency Response Local Roads	<i>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.).</i>	\$82,000	\$82,000	
VAR-P04	Mobility Management Center	<i>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.</i>	\$7,750		\$7,750
VAR-P33	Neighborhood Greenways and Bike Boulevards	<i>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.</i>	\$5,700	\$500	\$5,200
VAR-P48	On-Demand Wheelchair Accessible Vehicle Program	<i>TNC Access for All Program: On-demand transportation services for persons with disabilities, including wheelchair users who need a wheelchair accessible vehicle (WAV), to be funded in-part by Transportation Network Companies (e.g. Lyft/Uber) that do not have WAV fleet. [constrained reflects CPUC forecasted funds=\$60k/yr].</i>	\$4,500	\$1,500	\$3,000

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
VAR-P26	Park & Ride Lot Development	<i>Upgrade and maintain existing park and ride lots for commuters countywide. Secure additional park and ride lot spaces for motorized vehicles and bicycles.</i>	\$5,000	\$2,500	\$2,500
VAR-P25	Planning for Transit Oriented Development for Seniors	<i>Evaluate opportunities for Transit Oriented Development serving seniors including access to medical facilities.</i>	\$1,000	\$300	\$700
VAR-P21	Plug-in Electric Vehicle Access, Education & Promotion	<i>Target motorist looking for a cleaner vehicle by providing access, education and promotion on ever evolving plug-in electric vehicles (PEV). Also focus on equity education and assistance to access regional, utility, state and federal incentives to purchase EVs and EV Charging. 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.</i>	\$3,500	\$1,000	\$2,500
VAR-P20	Public Transit Marketing (One Ride at a Time Campaign)	<i>Initiatives that increase public transit ridership including discount passes, free fare days, commuter clubs, and promotional and marketing campaigns.</i>	\$700	\$700	\$0
VAR-P29	Public/Private Partnership Bicycle and Pedestrian Connection Plan	<i>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.</i>	\$150	\$150	
VAR-P55	Rural Highway Safety Improvements - North County	<i>Implement priorities identified in the Rural Highways Safety Plan for conventional state routes 1, 9, 35, and 236 to achieve Vision Zero.</i>	\$865,130	\$173,026	\$692,104
VAR-P56	Rural Highway Safety Improvements - South County	<i>Implement priorities identified in the Rural Highways Safety Plan for conventional SR-129 and SR-152 to achieve Vision Zero goals.</i>	\$189,000	\$37,800	\$151,200
VAR-P08	Safe Paths of Travel	<i>Regional program to construct and/or repair pedestrian facilities adjacent to high frequency use origins and destinations, particularly near transit stops.</i>	\$2,500	\$2,500	
VAR-P10	Safe Routes to Schools Studies	<i>Studies to assess pedestrian and bicycle safety near schools.</i>	\$500	\$500	
VAR-P40	Santa Cruz County Open Streets	<i>Community events promoting alternatives to driving alone as part of a sustainable, healthy, and active life-style. Temporarily opens roadways to bicycle and pedestrian travel only, diverting automobiles to other roadways.(Average cost ~ \$25k/event).</i>	\$1,000	\$500	\$500
VAR-P35	School Complete Streets Projects	<i>Implement ped/bike programs and facilities near schools.</i>	\$10,000	\$10,000	\$0
VAR-P19	School Safety Programs	<i>Bicycle and walking safety education and encouragement programs targeting K-12 schools in Santa Cruz County not including HSA's program. 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.</i>	\$7,500	\$3,750	\$3,750

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
RTC-P53	TDM Individualized Employer/Multiunit Housing Program	<i>Implement individualized employer and multiunit housing TDM programs with incentives for existing development.</i>	\$2,500	\$200	\$2,300
VAR-P43	Transit Service to San Jose Airport	<i>Provide transit service to San Jose airport from Santa Cruz. Current average annual need \$0.5M.</i>	\$12,500		\$12,500
VAR-P42	Transportation for Caregivers of Seniors/People with Disabilities	<i>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.</i>	\$12,500		\$12,500
VAR-P15	Transportation for Low Income Youth	<i>Safe, reliable transportation services for foster care children to/from school. Avg annual cost: \$100k/yr.</i>	\$3,000	\$500	\$2,500
VAR-P41	Transportation for Low-Income Families	<i>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.</i>	\$11,000		\$11,000
VAR-P07	Transportation System Electrification	<i>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.</i>	\$175,000	\$175,000	
VC-P1	Volunteer Center Transportation Program	<i>Program providing specialized transportation to seniors and people with disabilities. Constrained=existing TDA allocations.</i>	\$3,400	\$1,290	\$2,110
VAR-P47	Watsonville Transit Hub	<i>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.</i>	\$585	\$585	
VAR-P45	West Side Transit Hub	<i>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.</i>	\$580	\$580	
Total Various Agencies Projects: 48			\$1,594,028	\$624,839	\$969,189

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
Watsonville					
WAT-P49	2nd/Maple Ave (Lincoln to Walker) Traffic Calming and Greenway	<i>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.</i>	\$45	\$45	
WAT-P50	5th St (Lincoln to Walker) - Traffic Calming and Greenway	<i>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.</i>	\$41	\$41	
WAT-P34	Airport Blvd Modifications (Hanger Way to Ross Ave)	<i>Reconstruct or repave roadway and bike lanes; repair, replace and install curb, gutter, sidewalk and curb ramps; replace and upgrade signage and striping.</i>	\$1,050	\$1,050	\$0
WAT-P36	Alley Improvements	<i>Repair &amp; reconstruct some alleys.</i>	\$104	\$104	
WAT-P35	Bridge Maintenance	<i>Maintenance of bridges.</i>	\$600	\$600	
WAT-P30	Buena Vista/Calabasas/Freedom Connection	<i>Construction of roadway connection from Buena Vista area to Freedom Blvd. Reconstruct Via Nicola.</i>	\$10,250		\$10,250
WAT-P06	Citywide General Maintenance and Operations	<i>Ongoing maintenance, repair, and operation of road/street system, including bicycle and pedestrian facilities. (Total Need = \$2,600/year, constr=\$1500/yr).</i>	\$65,000	\$37,500	\$27,500
WAT-P56	Citywide HOV priority	<i>Evaluate HOV priority at signals and HOV queue bypass.</i>	\$83		\$83
WAT-P15	Citywide Pedestrian Facilities	<i>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.</i>	\$7,500	\$2,500	\$5,000
WAT-P24	Citywide Transportation Projects	<i>Lump sum of transportation projects to be identified in the future. Including major rehabilitation and operational improvements (\$1.2M/yr).</i>	\$75,000	\$30,537	\$44,463
WAT-P95	Clifford Ave Road Rehab & Traffic Calming	<i>Rehabilitate 2,200 foot segment of Clifford Ave (Main St to Pennsylvania Dr), replace non-compliant curb ramps, install continuous Class II bike lanes, add 6 speed tables for traffic calming, upgrade traffic signage to meet reflectivity standards, and apply new striping and pavement markings.</i>	\$2,425	\$2,425	
WAT-P75	Complete Streets - Downtown	<i>Provide complete streets improvements including sidewalk, parking, bike lane, sharrows, curb bulb outs, high visibility crosswalks, striping, signage, street trees, pedestrian lighting, bus shelters, bike parking and benches (some portions=WAT 47 in RTIP).</i>	\$25,000	\$7,500	\$17,500
WAT-P76	Complete Streets - Watsonville Schools	<i>Provide complete streets improvements including sidewalk, bike lane, sharrows, curb bulb outs, high visibility crosswalks, striping, signage and pedestrian lighting.</i>	\$19,000	\$2,400	\$16,600

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
WAT-P29	Crestview/Wagner Extension	<i>Construction of roadway connection from Atkinson Lane area to SR 152. Reconstruct/widen Wagner St.</i>	\$8,250		\$8,250
WAT-P39	East Fifth St (Main St to Lincoln St)	<i>Repair, replace and install curb, gutter, sidewalk and curb ramps; replace and upgrade signage and striping.</i>	\$370		\$370
WAT-P57	East Lake/Madison - ped crossing	<i>Evaluate and if feasible, add pedestrian crossing (HAWK signal if ped volume warrants) at E Lake &amp; Madison for better access to Hall Middle School.</i>	\$100		\$100
WAT-P77	Elm St Improvements Project	<i>Road reconstruction and sidewalk improvements.</i>	\$483	\$483	
WAT-P64	Freedom Blvd & Green Valley Rd Neighborhood Bike/Ped Connections	<i>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.</i>	\$2,300		\$2,300
WAT-P85	Freedom Blvd (Airport Blvd to Buena Vista Dr)	<i>Repair and resurface damaged roadway and bike lanes, replace damaged sidewalks, add pedestrian facilities where none exist.</i>	\$4,144		\$4,144
WAT-P72	Freedom Blvd (Green Valley Rd to Airport Blvd)	<i>Repair and resurface damaged roadway and bike lanes, replace damaged sidewalks, add pedestrian facilities where none exist.</i>	\$4,558	\$4,558	
WAT-P62	Freedom Blvd Pedestrian Crossings (Airport to Lincoln)	<i>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).</i>	\$250		\$250
WAT 45	Freedom Blvd Reconstruction (Alta Vista to Green Valley)	<i>Remove and replace non-ADA compliant driveways and curb ramps, install high visibility crosswalks, provide sharrows and bicycle signage, install bus pullout and 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.</i>	\$3,300	\$2,000	\$1,300
WAT-P78	Green Valley Adaptive Signal Project	<i>Update signals to provide dynamic signal timing, optimizing traffic flow and decreasing vehicle emission.</i>	\$400	\$400	
WAT-P45	Green Valley Rd Rehabilitation	<i>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. (Project listed as WAT 48 in RTIP)</i>	\$4,320	\$4,320	
WAT-P69	Harkins Slough Rd (Hwy 1 to Green Valley Rd)	<i>Repair, reconstruct and/or upgrade pavement, bike lanes, sidewalks, transit facilities, signage and striping.</i>	\$2,072		\$2,072

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
WAT-P60	Hillside Ave to Freedom Blvd Ped/Bike Connection	<i>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.</i>	\$622		\$622
WAT 1a	Hwy 1 Harkins Slough Bike-Ped Overcrossing (Safer Access to PVHS & Beyond) (EA 05-1G490)	<i>Install ped bridge over SR1, sidewalks, Class IV bike lanes, intersection modifications at Harkins Slough Rd/Green Valley Rd/Silver Leaf, high visibility crosswalks, new and upgraded curb extensions/ramps, and pedestrian &amp; bike safety programs intersection to improve bike and ped access. (EA 05-1G490).</i>	\$10,550	\$10,550	
WAT-P90	Hwy 152 Couplet Conversion	<i>Convert East Lake Avenue and East Beach Street, which currently operate as one-way couplets, into two-way streets. For East Lake Ave, replace the westbound through lanes and dedicated right turn lane at intersections with one through lane in each direction and dedicated center turn lane at intersections or along full length of commercial blocks as needed for local access; a center left turn lane may not be necessary through the length of the corridor and parking may be feasible where no left turn is needed. For East Beach St, replace two eastbound through lanes with one through lane in each direction; preserve on-street parking, where feasible; and dedicate 7 feet of curb-to-curb right-of-way for parklets on north side or widened sidewalks on both sides. Cost est. TBD.</i>	\$1	\$1	
WAT-P94	Install complete street features on Walker St	<i>Integrate flexible delineators within existing bike lane buffers. Maintain and/or add a clear path of travel for pedestrians and complete sidewalks, where possible. Coordinate planned improvements with MBSST Master Plan. Cost est. TBD.</i>	\$1	\$1	
WAT-P92	Install traffic calming features on Union St & Brennan	<i>Install traffic calming measures such as chicanes or planter boxes placed at midblock locations, designed to slow down traffic while minimizing impacts to on-street parking. Add tree plantings in planter boxes. Add Class III marked sharrows with signage. Maintain vehicle lane widths. Cost est. TBD.</i>	\$1	\$1	
WAT-P93	Install traffic calming features on West Fifth St	<i>Install traffic calming measures such as bulb-outs at intersections and chicanes or planter boxes at midblock locations, where feasible. Add tree plantings in planter boxes. Add Class III marked sharrows with signage. Reduce parking lane width by 1 foot, from 8 feet to 7 feet. Provide a 2-foot buffer between parking lane and Class III sharrows. Reduce effective travel lane width to 10-11 feet. Cost est. TBD.</i>	\$1	\$1	
WAT-P53	Kearney/Rodriguez - Ped Crossing	<i>Evaluate and if found necessary, add pedestrian crossing at Kearney and Rodriguez with traffic calming for access to Radcliffe Elementary.</i>	\$69		\$69
WAT-P80	Lake Avenue Underground Utilities	<i>Underground existing overhead utilities.</i>	\$6,600	\$2,400	\$4,200

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
WAT-P81	Lee Rd Trail	<i>Construct bike/pedestrian trail on Lee Road from Railroad Crossing to Harkins Slough Rd. Prepare environmental documents and construction plans, secure permits.</i>	\$21,400	\$2,100	\$19,300
WAT-P19	Lump Sum Bicycle Projects	<i>Update the City Bicycle Plan and construction of additional routes and paths (250k/yr).</i>	\$15,486	\$15,486	\$0
WAT 27a	Main Street (Hwy 152)/Freedom Blvd Roundabout	<i>Installation of a roundabout to replace the currently signalized intersection with safety considerations for bike/ped. Caltrans Project ID EA 05-1S400.</i>	\$2,500		\$2,500
WAT-P54	Main Street HAWK Signals	<i>Evaluate and if found necessary, add Hawk signals in 3 locations on Main St.</i>	\$450		\$450
WAT-P40	Main Street Modifications (500 Block: Fifth St to East Lake Ave)	<i>Repair, replace and install curb, gutter, and curb ramps; replace and upgrade signage and striping. Evaluate providing complete street features per WAT-P73.</i>	\$981		\$981
WAT-P47	Main Street Modifications (City Limit to East Lake Ave)	<i>Provide complete streets improvements including but not limited to travel lane reduction, pedestrian crossings, bicycle facilities, bus stops, parking, wider sidewalks, parklets, median landscaping, street trees, street furniture, lighting and traffic management. Repave roadway and bike lanes, where applicable; repair, replace and install curb, gutter, sidewalk and curb ramps;; replace and upgrade signage and striping.</i>	\$2,500		\$2,500
WAT-P73	Main Street Modifications (East Lake Ave to Freedom Blvd)	<i>Provide complete streets improvements including but not limited to travel lane reduction, pedestrian crossings, bicycle facilities, bus stops, parking, wider sidewalks, parklets, median landscaping, street trees, street furniture, lighting and traffic management.</i>	\$1,726		\$1,726
CT-P38	Main Street/Beach St/Lake Ave Bike Facilities	<i>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.</i>	\$2,072		\$2,072
WAT-P55	Main/Rodriguez/Union/Brennan (Freedom to Riverside) - Crosswalks	<i>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.</i>	\$193		\$193
WAT-P83	Maintain and Improve Trails	<i>Maintain and enhance existing pedestrian and bicycle trails.</i>	\$552		\$552
TRL 18b	MBSST Segment 18 Phase 2 (Watsonville Slough Trailhead to Walker St)	<i>Construction of 2400-foot long pathway parallel to the railroad tracks. Path shall be twelve-foot width asphalt (hma). Modify drainage facilities east of Ohlone Parkway. Provide connection with Watsonville Slough Trail. Install at grade crossing at spur near Walker St. Modify existing parking area and pedestrian facilities at Walker St/West Beach St intersection.</i>	\$5,000	\$2,000	\$3,000

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
TRL 18c	MBSST Segment 18 Phase 3 (Lee Road to Ohlone Pkwy)	<i>Construction of pathway parallel to the railroad tracks: includes asphalt path, retaining walls, fencing, drainage, at grade RR crossings, and installation of pathway or sidewalk to link to the existing sidewalk at Lee Road.</i>	\$6,000	\$2,500	\$3,500
WAT-P04	Neighborhood Traffic Plan	<i>Plan to identify and address concerns regarding speeding, bicycle and pedestrian access and safety, and other neighborhood traffic issues (\$5k/yr).</i>	\$193	\$193	
WAT-P13	Neighborhood Traffic Plan Implementation	<i>Address concerns about traffic complaints through Education, Enforcement, and Engineering solutions. Install traffic calming devices that do not impede bicyclist access (\$20k/yr).</i>	\$825	\$825	
WAT-P31	Ohlone Parkway Improvements - Phase 2 (UPRR to West Beach)	<i>Roadway, pedestrian, and bicycle facilities.</i>	\$1,050	\$1,050	\$0
WAT-P63	Pajaro Lane to Freedom Blvd Ped/Bike Connection	<i>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.</i>	\$622		\$622
WAT-P42	Pajaro Valley High School Connector Trail	<i>Install bicycle/pedestrian trail (this trail connects Pajaro Valley High School to Airport Blvd).</i>	\$1,215		\$1,215
WAT-P84	Pedestrian and Traffic Safety	<i>Provide pedestrian and traffic safety improvements including striping, markers, signage, flashing beacons and curb extensions.</i>	\$1,174		\$1,174
WAT-P70	Pennsylvania Dr (Green Valley Rd to Clifford Ave)	<i>Repair, reconstruct and/or upgrade pavement, bike lanes, sidewalks, transit facilities, signage and striping.</i>	\$5,700		\$5,700
CT-P39	Riverside (Hwy 129) Bike Facilities	<i>Bicycle facilities - Lee to Lakeview Road. County/City Project -Cost Unknown.</i>	\$250		\$250
WAT-P91	Square off and Vacate Portions of Union St and Alexander St	<i>Square off the connection between Union St and Alexander St from East Lake Avenue to East Beach Street and vacate that portion of Union Street for private development. This project would help create an opportunity site for future development. Cost est. TBD.</i>	\$1	\$1	
WAT-P52	Union/Brennan (Freedom to Riverside) - Sharrows	<i>Evaluate and if found necessary, add sharrows to Union/Brennan.</i>	\$21		\$21
WAT-P65	Upper Struve Slough Trail	<i>Construction of pedestrian/bicycle path along upper Struve Slough from Green Valley Road to Pennsylvania Drive. The trail shall consist of a twelve-foot wide by one foot deep aggregate base section with the center eight feet covered with a chip seal. Additional improvements include installing a 130-length of modular concrete block retaining wall, reinforcing a 160-foot length of slough embankment with rock slope protection and installing a 175-foot long by eight foot wide boardwalk.</i>	\$1,500		\$1,500

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
WAT-P48	Walker St Modifications (Beach St to Watsonville Slough)	<i>Repave roadway and bike lanes; repair, replace and install curb, gutter, sidewalk and curb ramps; replace and upgrade signage and striping.</i>	\$5,525		\$5,525
WAT-P27	Watsonville Shuttle	<i>Year round public transit service.</i>	\$550		\$550
WAT-P66	West Beach St (Lee Rd to Ohlone Parkway)	<i>Repair, reconstruct and/or upgrade pavement, bike lanes, sidewalks, transit facilities, signage and striping.</i>	\$5,000		\$5,000
WAT-P41	West Lake Ave Modifications (Main St to Rodriguez St)	<i>Repair, replace and install curb, gutter, sidewalk and curb ramps; replace and upgrade signage and striping.</i>	\$414		\$414
Total Watsonville Projects: 60			\$337,390	\$133,572	\$203,818

RTPID	Project Title /	Project Description and Scope	Est. Total Cost	Constrained	Unconstrained
<b>Watsonville Airport</b>					
AIR-P01	Lump Sum Watsonville Municipal Airport Capital Projects	<i>Projects from the Watsonville Airport Capital Improvement Program. Includes new hangers, reconstruction of aviation apron, security features, runway rehabilitation and extensions and surface improvements, taxiway construction and maintenance, and signage.</i>	\$150,000	\$27,000	\$123,000
AIR-P02	Watsonville Municipal Airport Operations	<i>Ongoing operations/maintenance. Average \$3M/year.</i>	\$75,000	\$50,000	\$25,000
Total Watsonville Airport Projects: 2			\$225,000	\$77,000	\$148,000
Total RTP Projects: 627			\$17,301,969	\$6,180,763	\$11,121,206