

Appendix E

Project List

2045 Regional Transportation Plan (RTP) Project List

Constrained and Unconstrained Projects - Not Escalated

Projects listed by lead agency, in alphabetical order by project name. Project IDs without the letter "P" in front of the number have been also included in the Regional Transportation Improvement Program (RTIP). Projects with constrained funding are priority projects that could be funded with revenues anticipated through 2035 and 2045 including dedicated and already programmed funds. While some projects have secured funding, this amount does not typically represent committed funds. Unconstrained represents the amount of project cost that would need additional funding in order to be implemented.

All figures in \$1,000s (thousands of dollars). Costs in 2020 dollars.

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|--|---------|--|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| <i>Bike Santa Cruz Co</i> | | | | | | | | |
| Project PASEO - Open Streets, Earn-a-Bike, Pop Up Bike Lanes, Slow Streets | VAR 02 | Slow Streets temporary barricades and signage on neighborhood streets aimed at increasing space for walking and biking, reducing speeds and cutthrough traffic. Open Streets community events temporarily open roadways to bicycle and pedestrian travel only, diverting automobiles to other roadways. Earn-a-bike program provides bikes, tools, safety supplies, as well as bike repair, cycling safety, and nutrition education middle school students. Pop-up bike lanes is a temp demo of a protected bicycle lane. (est. \$120k/yr) | \$50 | \$0 | \$0 | \$50 | \$2,950 | \$3,000 |
| Santa Cruz County Open Streets | VAR-P40 | Community events promoting alternatives to driving alone as part of a sustainable, healthy, and active life-style. Temporarily opens roadways to bicycle and pedestrian travel only, diverting automobiles to other roadways.(Average cost ~ \$25k/event) | \$50 | \$100 | \$100 | \$250 | \$2,250 | \$2,500 |
| Bike Santa Cruz Co Total Cost | | | \$100 | \$100 | \$100 | \$300 | \$5,200 | \$5,500 |
| <i>Caltrans</i> | | | | | | | | |
| Collision Reduction & Emergency Projects | CT-P46 | Various SHOPP projects that address collision reduction, mandates (including stormwater mandates) and emergency projects. (Constrained=30% of total cost). | \$22,088 | \$135,000 | \$134,276 | \$291,364 | \$680,605 | \$971,969 |

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|--|--------|---|-------------------------------|---------------------|---------------------|-------------------|---------------------|------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | Total Constrained | | |
| Countywide Highway Rumble Strips and Restriping | CT-P57 | Install both centerline and edge line rumble strips and restripe with thermoplastic stripe routes 9, 1, 17, 25, 129 and 156 in SCZ and SB counties. (EA 05-1M330) | \$0 | \$4,761 | \$0 | \$4,761 | \$0 | \$4,761 |
| CZU August Lightning Complex Fire Recovery | CT-P66 | Remove fire debris, burned trees, replace guardrail, drainage systems, timber wall lagging, and signs on Routes 1, 9 and 236 at various locations. (EA 05-1M650) | \$14,800 | \$0 | \$0 | \$14,800 | \$0 | \$14,800 |
| Highway Preservation (bridge, roadway, roadside) | CT-P45 | Various SHOPP projects that address bridge preservation, roadway & roadside preservation and some mobility improvements. (Constrained=30% of cost to maintain). Includes repaving, culverts, etc. | \$21,440 | \$115,000 | \$137,572 | \$274,012 | \$504,890 | \$778,902 |
| Hwy 1 Capital Maintenance (SR 9 to north of Western Drive) | CT-P74 | Preserve pavement and replace 87 ADA ramps as needed. EA 05-1M110 | \$0 | \$10,400 | \$0 | \$10,400 | \$0 | \$10,400 |
| Hwy 1 Drainage Improvements | CT-P64 | Rehabilitate drainage systems and lighting, install Transportation Management System (TMS) elements, pave areas behind the gore and construct Maintenance Vehicle Pullouts (MVPs) to reduce maintenance and enhance highway worker safety. (EA# 1K640) *SB1 | \$0 | \$16,554 | \$0 | \$16,554 | \$0 | \$16,554 |
| Hwy 1 Long Toed Salamander Mitigation | CT-P75 | Long Toed Salamander mitigation partnering (Main St interchange in Watsonville to north of Larkin Valley Rd interchange) | \$0 | \$2,800 | \$0 | \$2,800 | \$0 | \$2,800 |
| Hwy 1 Replace Culverts | CT-P55 | Safety updates to replace culverts. (EA 05-1K0600) | \$0 | \$13,080 | \$0 | \$13,080 | \$0 | \$13,080 |
| Hwy 1 Roadside Safety | CT-P65 | Rehabilitate drainage systems, enhance highway worker safety, replace lighting and install Transportation Management System (TMS) elements. (EA# 1J960) *SB1 | \$0 | \$24,021 | \$0 | \$24,021 | \$0 | \$24,021 |
| Hwy 1 Soquel Creek Scour Protection | CT-P56 | Place Rock Slope Protection (RSP) to protect bridge foundation. (EA 05-1H480) | \$7,703 | \$0 | \$0 | \$7,703 | \$0 | \$7,703 |
| Hwy 129 Capital Maintenance | CT-P79 | Preserve pavement, rehabilitate 6 drainage systems. (Salsipuedes Creek to Old Chittenden Road) | \$0 | \$12,500 | \$0 | \$12,500 | \$0 | \$12,500 |

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| Hwy 129 Paving, Sign Panels, Lighting, TMS Improvement | CT-P63 | Rehabilitate pavement and lighting, replace sign panels, and install Transportation Management System (TMS) elements. (EA# 1J830) *SB1 | \$0 | \$16,851 | \$0 | \$16,851 | \$0 | \$16,851 |
| Hwy 152 Corralitos Creek ADA | CT-P61 | Construct accessible pathway, concrete barrier, retaining wall, curb, gutter and sidewalk to meet Americans with Disabilities Act (ADA) standards. (EA 05- 1F620) | \$0 | \$7,452 | \$0 | \$7,452 | \$0 | \$7,452 |
| Hwy 17 Capital Maintenance (SR 1 to Vine Hill School Road area) | CT-P78 | Preserve pavement, upgrade median barrier, install 12 TMS. EA 05-1F760 | \$0 | \$17,200 | \$0 | \$17,200 | \$0 | \$17,200 |
| Hwy 17 Drainage Improvements | CT-P73 | Construct and install stormwater quality Best Management Practices (BMPs) and rehabilitate drainage systems. EA 05-1K670 | \$0 | \$9,502 | \$0 | \$9,502 | \$0 | \$9,502 |
| Hwy 17 Jarvis Slide Rock Fence | CT-P58 | Construct rock fence / barrier at Jarvis Slide. (EA 05-1K070) | \$7,438 | \$0 | \$0 | \$7,438 | \$0 | \$7,438 |
| Hwy 17 Paving | CT-P70 | Grind pavement and place Hot Mix Asphalt (HMA), apply High Friction Surface Treatment (HFST), and contrasting surface treatment (south of Mt Hermon Road to 0.6 mile north of Glenwood Drive). EA 05-1M730 | \$0 | \$8,563 | \$0 | \$8,563 | \$0 | \$8,563 |
| Hwy 17 Wildlife Crossing | CT 33 | Construct wildlife undercrossing north of Laurel Road (EA 05-1G260). 60 foot long single span bridge will extend from the existing Laurel Road Sidehill Viaduct (Br. No. 36-0111) on the west side of Route 17 to the east. The final product will provide a 16 foot wide natural soil bottom wildlife crossing under Route 17 with side slopes to the abutment faces. The wildlife under-crossing will slope downward to the west. A minimum vertical clearance of 10 feet will be provided. | \$5,155 | \$0 | \$0 | \$5,155 | \$0 | \$5,155 |
| Hwy 236 Drainage and System Upgrades in Boulder Creek | CT-P80 | Drainage System and TMS upgrades | \$0 | \$13,400 | \$0 | \$13,400 | \$0 | \$13,400 |
| Hwy 236 Hazardous Tree Removal | CT-P67 | Remove hazardous trees and fire debris near Boulder Creek, from Forest Drive to 2.2 miles south of Route 9. (EA 05-1M790) | \$15,625 | \$0 | \$0 | \$15,625 | \$0 | \$15,625 |

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| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | Total Constrained | | |
| Hwy 236 Heartwood Hill Embankment Restoration | CT-P71 | Construct retaining wall to stabilize slope, widen shoulder, repair pavement, improve drainage systems and install erosion control. EA 05-1M450 | \$0 | \$4,855 | \$0 | \$4,855 | \$0 | \$4,855 |
| Hwy 9 Capital Maintenance (CapM) | CT-P76 | Preserve pavement, rehabilitate 5 drainage systems, install 2 TMS. (El Solyo Heights in Felton to north of SR 1 in Santa Cruz). EA 05-1K890 | \$0 | \$26,400 | \$0 | \$26,400 | \$0 | \$26,400 |
| Hwy 9 Capital Maintenance North | CT-P77 | Preserve pavement, reconstruct guardrail, rehabilitate 6 drainage systems. (Saratoga Toll Rd in Boulder Creek to SR 35/county line). EA 05-1K900 | \$0 | \$9,200 | \$0 | \$9,200 | \$0 | \$9,200 |
| Hwy 9 Felton Pedestrian Safety Improvements | CT 09 | Construct pedestrian path on Route 9 from the San Lorenzo Valley (SLV) High School to the intersection of Graham Hill Rd/Felton-Empire, plus signage and crosswalk improvements between Kirby St and Graham Hill Road. EA 05-1M400 | \$0 | \$15,800 | \$0 | \$15,800 | \$0 | \$15,800 |
| Hwy 9 Hairpin Tieback at PM19.97 | CT-P68 | Construct Soldier Tieback Retaining Wall near Boulder Creek about 1.1 mile south of Junction 236/9. EA 05-1K130 | \$7,630 | \$0 | \$0 | \$7,630 | \$0 | \$7,630 |
| Hwy 9 PM 1.0 and 4.0 Viaduct | CT-P62 | Construct sidehill viaducts, restore roadway and facilities, provide erosion control. (EA 05-1K120) | \$0 | \$19,962 | \$0 | \$19,962 | \$0 | \$19,962 |
| Hwy 9 San Lorenzo River Bridge & Kings Creek Bridge Replacement | CT-P59 | Replace bridges to maintain standards of safety and reliability. (EA 05-1H470) | \$29,047 | \$0 | \$0 | \$29,047 | \$0 | \$29,047 |
| Hwy 9 Upper Drainage and Erosion Control Improvements | CT-P60 | Replace failed culverts systems and construct energy dissipaters. (EA 05-1G950) | \$0 | \$14,435 | \$0 | \$14,435 | \$0 | \$14,435 |
| Hwy 9 Viaduct Wall Extension | CT-P54 | Construct side hill viaduct extension with cutoff retaining wall, restore roadway and facilities, and install permanent erosion control. (EA 05-1K060) | \$6,910 | \$0 | \$0 | \$6,910 | \$0 | \$6,910 |

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| Minors | CT-P47 | Various small SHOPP projects (less than \$1 million) that reduce/enhance maintenance efforts by providing minor operational, pavement rehab, drainage, intersection, electrical upgrades, landscape and barrier improvements. (Constrained=30% of total cost). | \$160 | \$1,040 | \$2,300 | \$3,500 | \$7,750 | \$11,250 |
| Pedestrian Signals #2: Hwys 1 and 129 | CT-P69 | Install Accessible Pedestrian Signal (APS) push buttons, Countdown Pedestrian Signal (CPS) heads, pedestrian barricades, and crosswalk signage to improve pedestrian and bicycle safety. (Project in MON, SCR, SLO and SB counties, PPNO2628). | \$4,580 | \$0 | \$0 | \$4,580 | \$0 | \$4,580 |
| Caltrans Total Cost | | | \$142,576 | \$498,776 | \$274,148 | \$915,500 | \$1,193,245 | \$2,108,745 |
| CHP - California Highway Patrol | | | | | | | | |
| Hwy 1 Safety and Bus on Shoulder Enforcement | CHP-P04 | Additional CHP enforcement and public education campaign when new bus on shoulder facilities operational (anticipate 4 years of enforcement). | \$100 | \$150 | \$0 | \$250 | \$0 | \$250 |
| Hwy 129 Safety Program | CHP-P03 | Additional CHP enforcement and public education campaign on Highway 129. | \$0 | \$0 | \$0 | \$0 | \$500 | \$500 |
| Hwy 17 Safety Program (Safe on 17) | CHP 01 | Continuation of Highway 17 Safety Program in Santa Cruz County. Includes public education and awareness, California Highway Patrol (CHP) enhancement, pilot cars, electronic speed signs. | \$300 | \$1,950 | \$1,500 | \$3,750 | \$3,750 | \$7,500 |
| Traffic Management | CHP-P02 | Patrol of state route system and unincorporated roadways aimed at minimizing traffic collisions and traffic delays; and provide assistance to motorists. COST EST TBD. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| CHP - California Highway Patrol Total Cost | | | \$400 | \$2,100 | \$1,500 | \$4,000 | \$4,250 | \$8,250 |
| City of Capitola | | | | | | | | |
| 40th Ave (at Deanes Ln)Bike/Ped connection | CAP-P46 | 40th Avenue N/S bike/pedestrian connection at Deanes Lane. | \$10 | \$0 | \$0 | \$10 | \$0 | \$10 |

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| 40th Ave/Clares St Intersection Improvements | CAP-P38 | Widen intersection and signalize. | \$500 | \$0 | \$0 | \$500 | \$1,050 | \$1,550 |
| 41st Ave (Highway 1 South to City Limits) Crosswalks | CAP-P47 | Evaluate and if found necessary, increase number of crosswalks on 41st to closer to every 300 ft. | \$100 | \$0 | \$0 | \$100 | \$0 | \$100 |
| 41st Ave Rehabilitation (Cory St to Clares St) | CAP 22 | Reconstruct pavement on 41st Ave, enhance bike facilities with possible buffered bike lanes. | \$0 | \$1,000 | \$0 | \$1,000 | \$0 | \$1,000 |
| 41st Ave/Capitola Road Intersection Reconstruction | CAP 20 | Reconstruct intersection and reconfigure signal phasing. Vehicular, pedestrian and bicycle lane markings at intersections will be updated to meet the latest complete streets guidelines. Where necessary all pedestrian ramps will be modified to meet current ADA requirements. | \$415 | \$0 | \$0 | \$415 | \$0 | \$415 |
| 46th/47th Ave (Clares to Cliff Dr) Bike Lanes/Traffic Calming | CAP-P40 | 46th/47th from Clares to Portola/Cliff - Add traffic calming and wayfinding signage to connect to Brommer and MBSST. | \$20 | \$0 | \$0 | \$20 | \$0 | \$20 |
| 47th Avenue Traffic Calming and Greenway | CAP-P30 | Traffic calming and traffic dispersion improvements along 47th Ave from Capitola Rd to Portola Drive and implementation of greenway, which gives priority to bicycles and pedestrians on low volume, low speed streets including, pedestrian facilities, way finding and pavement markings, bicycle treatments to connect to MBSST. | \$0 | \$100 | \$0 | \$100 | \$0 | \$100 |
| Bay Avenue Traffic Calming and Bike/Ped Enhancements | CAP-P29 | Traffic calming features along Bay Avenue from Highway 1 to Monterey Avenue, including left turn pocket, buffered pedestrian facilities and bicycle treatments (such as buffered and/or painted bike lanes, bike boxes, bike signals) to address speed inconsistency between bicyclists and vehicles. | \$0 | \$0 | \$0 | \$0 | \$410 | \$410 |
| Bay Avenue/Capitola Avenue Intersection Modifications/Roundabout | CAP 16 | Multimodal improvements to intersection. Roundabout. | \$500 | \$0 | \$0 | \$500 | \$1,000 | \$1,500 |

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| Bay Avenue/Hill Street Intersection | CAP-P07 | Intersection improvements to improve traffic flow. Roundabout. | \$0 | \$210 | \$0 | \$210 | \$0 | \$210 |
| Bay Avenue/Monterey Avenue Intersection Modification | CAP-P32 | Multimodal improvements to the intersection. Include signalization or roundabout along with pedestrian, bicycle treatments (such as buffered and/or painted bike lanes, bike boxes, bike signals) and transit access. | \$0 | \$310 | \$0 | \$310 | \$0 | \$310 |
| Brommer/Jade/Topaz St Bike Lanes/Traffic Calming (Western City Limit on Brommer to 47thAve) | CAP-P41 | Add buffered bike lanes, traffic calming and wayfinding signage and bike/ped priority crossing at 41st Ave, connecting the two N/S neighborhood greenways. | \$0 | \$20 | \$0 | \$20 | \$0 | \$20 |
| Capitola Intra-City Rail Trolley | CAP-P18 | Construct & Operate Weekend Rail Trolley Service. Project includes installation of 3 stations. | \$0 | \$0 | \$0 | \$0 | \$14,460 | \$14,460 |
| Capitola Jitney Transit Service | CAP-P15 | Purchase and operate local transit service. | \$0 | \$0 | \$0 | \$0 | \$1,030 | \$1,030 |
| Capitola Mall (Capitola Rd to Clares) Bike Path | CAP-P48 | Separated bicycle facility through Capitola Mall parking lot to connect 38th Ave bike lanes and 40th Ave. | \$50 | \$0 | \$0 | \$50 | \$0 | \$50 |
| Capitola Rd & 45th Avenue I/S Improvements | CAP-P53 | Signalization or other LOS improvements | \$0 | \$400 | \$0 | \$400 | \$0 | \$400 |
| Capitola Street Pavement Management | CAP 19 | Capitola Street Pavement Management- includes 41st Avenue, Clares Street, Bay Avenue, Capitola Road and numerous residential streets including but not limited to 42nd, 47th, 48th, Fanmar, Diamond, and Ruby Court. | \$1,450 | \$0 | \$0 | \$1,450 | \$0 | \$1,450 |
| Capitola Village Enhancements: Capitola Ave | CAP-P34 | Multimodal enhancements along Capitola Avenue. | \$350 | \$0 | \$0 | \$350 | \$400 | \$750 |
| Capitola Village Multimodal Enhancements - Phase 2/3 | CAP-P04b | Multimodal enhancements in Capitola Village along Stockton Ave, Esplanade, San Jose Ave, & Monterey Av. Includes sidewalks, bike lanes, bike lockers, landscaping, improve transit facilities, parking, pavement rehab and drainage. | \$0 | \$0 | \$0 | \$0 | \$3,100 | \$3,100 |

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| Capitola-wide HOV priority | CAP-P50 | Evaluate HOV priority at signals and HOV queue bypass. | \$0 | \$40 | \$0 | \$40 | \$0 | \$40 |
| Citywide Bike Projects | CAP-P52 | Bike projects based on needs identified through the Bicycle Plan. These projects are in addition to projects listed individually in the RTP. | \$0 | \$300 | \$100 | \$400 | \$630 | \$1,030 |
| Citywide General Maintenance and Operations | CAP-P06 | Ongoing maintenance, repair, and operation of road/street system within the City limits. (Const=\$1850K/yr; Unconst=\$150K/yr). | \$4,104 | \$26,676 | \$35,520 | \$66,300 | \$3,750 | \$70,050 |
| Citywide Sidewalk Program | CAP-P51 | Install sidewalks to fill gaps. Annual Cost \$50k/yr. | \$100 | \$350 | \$300 | \$750 | \$500 | \$1,250 |
| Citywide Traffic Calming | CAP-P17 | Install traffic calming/neighborhood livability improvements. | \$0 | \$0 | \$0 | \$0 | \$1,136 | \$1,136 |
| Clares St Bike Lanes/Sharrows (Capitola Rd to 41st Ave) | CAP-P42 | Evaluate and if found necessary, add bike lanes/sharrows to Clares. | \$100 | \$0 | \$0 | \$100 | \$0 | \$100 |
| Clares Street Pedestrian Crossing west of 40th Ave | CAP-P16 | Construct signalized ped x-ing 0.20 miles west of 40th Ave. | \$0 | \$250 | \$0 | \$250 | \$270 | \$520 |
| Clares Street Traffic Calming: Phase I | CAP 11 | Implementation of traffic calming measures. Includes rapid-rectangular flashing beacons (RRFB) at crosswalks to improve pedestrian visibility, narrowed vehicle lanes and new buffered bike lanes along the corridor, and pavement rehab and restriping of 41st Ave/Clares St intersection. | \$1,350 | \$0 | \$0 | \$1,350 | \$250 | \$1,600 |
| Clares Street Traffic Calming: Phase II | CAP 11b | Implementation of traffic calming measures: bike enhancements & pavement rehab. (See CAP 11 for Phase I-2022) | \$0 | \$925 | \$0 | \$925 | \$0 | \$925 |
| Cliff Drive Improvements | CAP-P05 | Installation of sidewalks, pedestrian crossing and slope stabilization of embankment including seawall. | \$0 | \$0 | \$0 | \$0 | \$1,550 | \$1,550 |
| Gross/41st Ave Bicycle Intersection Improvement | CAP-P44 | Bike treatments (such as buffered and/or painted bike lanes, bike boxes, bike signals) from Gross E/B to 41st N/B. | \$100 | \$0 | \$0 | \$100 | \$100 | \$200 |

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| Kennedy Drive Sidewalk | CAP 21 | Construct approximately 550 feet of sidewalk along eastbound/south side of Kennedy Drive. Includes curb and gutter, retaining walls, and ADA curb ramps. | \$223 | \$0 | \$0 | \$223 | \$0 | \$223 |
| Monterey Avenue and Park Avenue I/S Improvements | CAP-P56 | Signalization or other LOS improvements | \$0 | \$0 | \$0 | \$0 | \$500 | \$500 |
| Monterey Avenue at Depot Hill | CAP-P28 | Improve vehicle ingress and egress to Depot Hill along Escalona Ave and improve pedestrian facilities. | \$0 | \$260 | \$0 | \$260 | \$0 | \$260 |
| Monterey Avenue Multimodal Improvements | CAP-P12 | Installation of sidewalks and bike lanes in area near school and parks. | \$0 | \$360 | \$0 | \$360 | \$0 | \$360 |
| Park Avenue/Kennedy Drive Improvements | CAP-P09 | Construct intersection improvements, especially for bikes/peds. May include traffic signal. | \$0 | \$360 | \$0 | \$360 | \$0 | \$360 |
| Porter Street and Highway 1 I/S Improvements | CAP-P55 | Add additional dedicated right turn lane on Porter St to northbound on ramp | \$0 | \$250 | \$0 | \$250 | \$0 | \$250 |
| Stockton Ave Bridge Rehab | CAP-P07p | Replace bridge with wider facility that includes standard bike lanes and sidewalks. | \$0 | \$1,500 | \$0 | \$1,500 | \$1,500 | \$3,000 |
| Stockton Avenue and Capitola Avenue I/S Improvements | CAP-P57 | Signalization or other LOS improvements | \$0 | \$500 | \$0 | \$500 | \$0 | \$500 |
| Upper Capitola Avenue Improvements | CAP-P03 | Installation of bike lanes and sidewalks on Capitola Av. (Bay Av.-SR 1) and sidewalks on Hill St. from Bay Av. to Rosedale Av. | \$500 | \$0 | \$0 | \$500 | \$840 | \$1,340 |
| Upper Pacific Cove Parking Lot Pedestrian Trail and Depot Park Metro Development | CAP 17 | Construct pedestrian pathway along City owned Upper Pacific Cove Parking lot, adjacent to rail line (680'). Includes new signal for ped crossing at Monterey Avenue. Includes a new bus shelter located and landscaped setting along the rail corridor at Park Ave. Part of MBSST. | \$743 | \$0 | \$0 | \$743 | \$0 | \$743 |
| Wharf Road and Stockton Avenue I/S Improvements | CAP-P54 | Signalization or other LOS improvements | \$0 | \$350 | \$0 | \$350 | \$0 | \$350 |

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| Wheelchair Access Ramps | CAP-P27 | Install wheelchair access/curb cut ramps on sidewalks citywide. | \$50 | \$150 | \$0 | \$200 | \$0 | \$200 |
| City of Capitola Total Cost | | | \$10,665 | \$34,311 | \$35,920 | \$80,896 | \$32,476 | \$113,372 |
| City of Santa Cruz | | | | | | | | |
| Advance Dilemma Zone Detection and Retroreflective Signal Back Plate Upgrades | SC-P135 | Install advanced dilemma Zone traffic signal detection and upgrade signal heads with retroreflective back plate and yellow/orange border. | \$1,258 | \$0 | \$0 | \$1,258 | \$0 | \$1,258 |
| Brederick St Park Accessible Ramp to Harbor | SC-P137 | Install multi-use accessible ramp from park to Harbor to improve access | \$0 | \$300 | \$0 | \$300 | \$1,000 | \$1,300 |
| Blwy 1 Mission St at Fair Ave Intersection Modification | SC-P136 | Install Traffic Signal with left-turn lane (NB) to reduce congestion and improve safety. | \$700 | \$0 | \$0 | \$700 | \$0 | \$700 |
| Almar Ave Sidewalks | SC-P126 | Fill gaps in sidewalks and access ramps to improve pedestrian safety. | \$0 | \$200 | \$0 | \$200 | \$0 | \$200 |
| Arroyo Seco Trail (Medar St to Grandview St) | SC-P107 | Pave existing gravel trail and widen and pave connection to Grandview St. | \$0 | \$0 | \$0 | \$0 | \$500 | \$500 |
| Bay Street Corridor Modifications | SC-P77 | Intersection modifications on Bay St Corridor from Mission St to Iowa/Nobel Dr, including widening at the Mission St northeast corner and widening on Bay. Improve bike lanes and add sidewalks to west side of Bay. | \$0 | \$0 | \$970 | \$970 | \$4,130 | \$5,100 |
| Bay/California Traffic Signals | SC-P96 | Install traffic signals and roundabouts for safety and capacity improvements. | \$1,100 | \$0 | \$0 | \$1,100 | \$0 | \$1,100 |
| Bay/High Intersection Modification | SC-P109 | Install a roundabout or modify the traffic signal to include protected left-turns and new turn lanes. Revise sidewalks, access ramps and bike lanes as appropriate. | \$0 | \$2,150 | \$0 | \$2,150 | \$0 | \$2,150 |
| Beach/Cliff Intersection Signalization | SC-P93 | Signalize intersection for pedestrian and train safety. | \$0 | \$210 | \$0 | \$210 | \$0 | \$210 |

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| Branciforte Creek Pedestrian Path Connections | SC-P95 | Fill gaps in pedestrian and bike paths along and across Branciforte Creek in the Ocean-Lee-Market-May Streets area. | \$0 | \$0 | \$0 | \$0 | \$3,410 | \$3,410 |
| Brookwood Drive Bike and Pedestrian Path | SC-P21 | Provide 2-way bicycle and pedestrian travel. | \$0 | \$0 | \$0 | \$0 | \$1,030 | \$1,030 |
| Chestnut St. Pathway | SC-P22 | Install a Class 1 bicycle/pedestrian facility to connect the east side of Neary Lagoon Park with the Depot Park path. | \$0 | \$0 | \$0 | \$0 | \$570 | \$570 |
| Chestnut Street Bike Lanes | SC-P47 | Install Class 2 bike lanes to provide connection from existing bike lanes on Laurel Street and upper Chestnut Street to proposed Class 1 bike path connections to Bay Street and Pacific Avenue/Beach Street. | \$0 | \$0 | \$0 | \$0 | \$100 | \$100 |
| Chestnut Street St Storm Drain and Paving Rehab and Safety Improvements | SC 52 | Rehab pavement, install bike/ped improvements including new curb ramps and crossings from Laurel Street to Green St. Other funds being used to replace the storm drain system. | \$2,165 | \$0 | \$0 | \$2,165 | \$0 | \$2,165 |
| Citywide Operations and Maintenance | SC-P07 | Ongoing maintenance, repair, and operation of street system within the City limits. (Const=\$3.0M/yr; Unconst=\$4.2M/yr) | \$6,320 | \$25,000 | \$77,680 | \$109,000 | \$75,000 | \$184,000 |
| Citywide Safe Routes to School Projects - ATP | SC-P125 | Projects to improve pedestrian and bicycle safety near schools. | \$1,404 | \$0 | \$0 | \$1,404 | \$6,800 | \$8,204 |
| Citywide Street Sweeping | SC-P128 | Ongoing street sweeping, funded from City Refuse Enterprise Fund. | \$1,800 | \$11,700 | \$9,000 | \$22,500 | \$0 | \$22,500 |
| Delaware Avenue Complete Streets | SC-P23 | Fill gaps in bicycle lanes, sidewalks and sidewalk access ramps. | \$0 | \$150 | \$0 | \$150 | \$0 | \$150 |
| Downtown Intersection Improvements | SC-P129 | Modify Front/Soquel, Front/Laurel and Pacific/Front Intersections stemming from additional residential and commercial development in the Downtown. | \$300 | \$0 | \$0 | \$300 | \$0 | \$300 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|---|---------|--|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| High St/Moore St Intersection Modification | SC-P90 | Add a protected left turn to existing signalized intersection along High St at city arterial. Project is located in high pedestrian and bicycle use activity area. | \$100 | \$0 | \$0 | \$100 | \$0 | \$100 |
| Hwy 1 - Harvey West Area Alternative Access | SC-P108 | Development of an on/off ramp from NB Highway 1 to Harvey West Boulevard/Evergreen St, to improve access, especially during peak congestion times and emergencies. | \$0 | \$0 | \$0 | \$0 | \$4,130 | \$4,130 |
| Hwy 1 Mission at Laurel St Intersection Modification | SC-P112 | Modify traffic signal to add right-turn from Mission St to Laurel St and signal overlap phase. | \$0 | \$0 | \$0 | \$0 | \$1,030 | \$1,030 |
| Hwy 1 Mission at Swift St Intersection Modification | SC-P113 | Modify traffic signal to add Swift St right-turn lane and signal overlap phase, and a second left turn lane | \$0 | \$0 | \$0 | \$0 | \$500 | \$500 |
| Hwy 1 Mission St at Chestnut/King/Union Intersection Modification | SC-P81 | Modify design of existing intersections to add lanes and upgrade the traffic signal operations to add capacity, reduce delay and improve safety. Provide access ramps and bike lanes on King and Mission. Includes traffic signal coordination. | \$0 | \$0 | \$4,650 | \$4,650 | \$0 | \$4,650 |
| Hwy 1 Sound Wall | SC-P03 | Install sound wall on Hwy 1: River to Chestnut. | \$0 | \$0 | \$0 | \$0 | \$520 | \$520 |
| Hwy 1/San Lorenzo Bridge Replacement | SC 38 | Replace the Highway 1 bridge over San Lorenzo River to increase capacity, improve safety and improve seismic stability, from Highway 17 to the Junction of 1/9. Reduce flooding potential and improve fish passage. Caltrans Project ID 05-0P460 | \$0 | \$20,000 | \$0 | \$20,000 | \$0 | \$20,000 |
| Hwy 1/Shaffer Rd Signalization | SC-P92 | Signalization of intersection of Hwy 1 and Shaffer Rd. Project may includes some widening of Hwy 1 to accommodate a left turn lane. | \$0 | \$0 | \$0 | \$0 | \$520 | \$520 |
| King Street Bike Facility (entire length) | SC-P59 | Install Class 2 bike lanes on residential collector street which includes some parking and landscape strip removals, and drainage improvements. | \$0 | \$500 | \$0 | \$500 | \$2,600 | \$3,100 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | | Unconstrained Costs | Est. Total Cost |
|--|-----------|---|-------------------------------|---------------------|---------------------|-------------------|---------------------|-----------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | Total Constrained | | |
| Laurent/High Intersection Improvements | SC-P97 | Install Traffic Signal. | \$0 | \$0 | \$0 | \$0 | \$410 | \$410 |
| Lump Sum Bike Projects | SC-P75 | Bike projects based on needs identified through the Active Transportation Plan and Santa Cruz City Schools Complete Streets Master Plan. These are in addition to projects listed individually in the RTP. | \$0 | \$0 | \$0 | \$0 | \$6,800 | \$6,800 |
| Market Street Sidewalks and Bike Lanes | SC-P105 | Completion of sidewalks and bicycle lanes. Includes retaining walls, right-of-way, tree removals, and a bridge modification. | \$0 | \$0 | \$1,030 | \$1,030 | \$0 | \$1,030 |
| MBSST (Coastal Rail Trail): Segment 7-Phase 2 (Bay/California St to Pacific Ave/wharf) | TRL 07bSC | Bicycle/pedestrian multiuse path adjacent to railroad tracks between Bay/California streets and Pacific Ave/Beach St. MBSST Segment 7-phase 2 | \$0 | \$11,000 | \$0 | \$11,000 | \$0 | \$11,000 |
| MBSST (Coastal Rail Trail): Segment 7-Phase 3 (Natural Bridges to Shaffer Rd) | TRL 07cSC | Bicycle/pedestrian multiuse path adjacent to railroad tracks from Natural Bridges to Shaffer Rd crossing Antonelli Pond. MBSST Segment 7-phase 3 | \$200 | \$0 | \$0 | \$200 | \$3,000 | \$3,200 |
| MBSST (Coastal Rail Trail): Segment 8 and 9 | TRL 8-9a | Multiuse trail along the rail corridor between Pacific Ave in the City of Santa Cruz to 17th Ave in County of Santa Cruz (2.18 miles) and non-infrastructure safety, education, and encouragement programs. | \$0 | \$34,500 | \$0 | \$34,500 | \$0 | \$34,500 |
| Measure H Road Projects | SC-P104 | Road rehabilitation and reconstruction projects citywide to address backlog of needs using Measure H sales tax revenues. (Some Measure H funds anticipated to fund specific projects listed in the RTP). | \$3,800 | \$28,500 | \$9,500 | \$41,800 | \$0 | \$41,800 |
| Mission Street Improvement Plan | SC-P130 | Evaluate and design Mission intersection improvements at Chestnut-King, Laurel, Bay, Fair, and Swift based on the General Plan. | \$0 | \$1,500 | \$0 | \$1,500 | \$0 | \$1,500 |
| Morrissey Blvd. Bike Path over Hwy 1 | SC-P29 | Install a Class 1 bicycle and pedestrian facility on freeway overpass. | \$0 | \$300 | \$0 | \$300 | \$0 | \$300 |

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|---|---------|---|-------------------------------|---------------------|---------------------|-------------------|---------------------|-----------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | Total Constrained | | |
| Morrissey/Poplar/Soquel Intersection Modification | SC-P12 | Modify the roadway configuration in the Morrissey/Poplar/Soquel triangle area to improve traffic circulation and safety for all modes. | \$0 | \$0 | \$0 | \$0 | \$2,070 | \$2,070 |
| Murray St Bridge Retrofit | SC 37 | Seismic retrofit of existing Murray St. bridge (36C0108) over Woods Lagoon at harbor and associated approach roadway improvements and replacement of barrier rail. Includes wider bike lanes and sidewalk on ocean side. Include access paths to harbor if eligible. | \$0 | \$11,440 | \$0 | \$11,440 | \$0 | \$11,440 |
| Murray St to Harbor Path Connection | SC-P30 | Install a Class 1 bicycle/pedestrian facility to connect the Segment 9 Rail trail project, for the east and west side of the harbor. | \$0 | \$210 | \$0 | \$210 | \$790 | \$1,000 |
| Neighborhood Traffic Management Improvements | SC-P73 | Install traffic control devices and roadway design features to manage neighborhood traffic. | \$0 | \$0 | \$0 | \$0 | \$2,580 | \$2,580 |
| North Branciforte/Water Intersection Modification | SC-P115 | Modify traffic signal and add additional lanes per traffic study. Include signal interconnect if applicable. | \$0 | \$0 | \$0 | \$0 | \$2,070 | \$2,070 |
| Ocean St and San Lorenzo River Levee Bike/Ped Connections (Felker, Kennan, Blain, Barson Streets) | SC-P120 | Improve pedestrian and bicycle facilities on side streets to connect Ocean Street with San Lorenzo River Levee path system. | \$0 | \$0 | \$0 | \$0 | \$620 | \$620 |
| Ocean St Pavement Rehabilitation | SC 48 | Pavement rehabilitation and bike and ped upgrades including new curb ramps, restriping of bicycle lanes and crosswalks. | \$600 | \$0 | \$0 | \$600 | \$900 | \$1,500 |
| Ocean St Streetscape and Intersection, Plymouth to Water | SC-P86 | Implement this phase of the Ocean Street plan and modify Plymouth St to provide separate turn lanes and through lanes, widen sidewalks, pedestrian islands/bulbouts, transit improvements, street trees, street lighting and medians landscaping improvements. This includes pedestrian and bicycle crossing improvements and detection and connectivity to the pedestrian and bicycle path on the San Lorenzo River and adjacent neighborhoods. Include Gateway treatment. | \$0 | \$0 | \$2,000 | \$2,000 | \$2,130 | \$4,130 |

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|--|---------|---|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Ocean St Streetscape and Intersection, Water to Soquel | SC-P84 | Implement this phase of the adopted Ocean Street plan including adding turn lanes on Ocean Street at the Water Street intersections, wider sidewalks, pedestrian crossing islands/bulb outs, transit improvements, street trees, pedestrian scale street lights, and medians improvements, way finding, and pedestrian and bicycle connectivity to San Lorenzo Park and neighborhoods. | \$0 | \$0 | \$0 | \$0 | \$6,200 | \$6,200 |
| Ocean Street Corridor Multiuse Transit Lane | SC-P122 | Consider restricting parking to develop business access and transit (BAT) lane to serve tourism and improving transit facilities. | \$0 | \$0 | \$0 | \$0 | \$410 | \$410 |
| Ocean Street Widening from Soquel to East Cliff | SC-P66 | Implement this phase of the Ocean Street plan that includes utility undergrounding, bike lanes, wider sidewalks, pedestrian crossing islands/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. | \$0 | \$0 | \$0 | \$0 | \$5,170 | \$5,170 |
| Ocean Street/San Lorenzo River Levee Area Wayfinding | SC-P124 | Install signage on the bike/ped scale to bike/ped facilities connecting key destinations. | \$0 | \$0 | \$0 | \$0 | \$150 | \$150 |
| Ocean-Plymouth Multi-modal Transportation Improvements | SC-P134 | Improve the bike and pedestrian connections through the Ocean-Plymouth intersection | \$200 | \$0 | \$0 | \$200 | \$1,800 | \$2,000 |
| River (Rte 9)/Fern Intersection Modification | SC-P110 | Install traffic signal, sidewalk and new access ramps. Provide bike lanes on Fern. | \$0 | \$0 | \$0 | \$0 | \$520 | \$520 |
| River St/River Street South Intersection Modification | SC-P116 | Install a roundabout or traffic signal to improve access and safety to the Downtown core, integrating bike and pedestrian facilities. | \$0 | \$0 | \$0 | \$0 | \$520 | \$520 |
| Riverside Ave/Second St Intersection Modification. | SC-P13 | Modify intersection to reduce congestion and improve pedestrian crossing. | \$175 | \$0 | \$0 | \$175 | \$0 | \$175 |

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|---|---------|--|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| San Lorenzo River Levee Path Connection | SC-P35 | Install a Multi-Use bicycle/pedestrian facility connecting the end of the San Lorenzo River Levee path on the eastern side of the river, up East Cliff Drive near Buena Vista Ave. | \$0 | \$0 | \$2,070 | \$2,070 | \$0 | \$2,070 |
| San Lorenzo River Walk Lighting | SC-P133 | Install pedestrian scale lighting on the Riverwalk | \$970 | \$0 | \$0 | \$970 | \$1,000 | \$1,970 |
| Seabright Avenue Bike Lanes (Pine-Soquel) | SC-P69 | Install Class 2 bike lanes on arterial street to complete the Seabright Avenue bike lane corridor and connect to bike lane corridor on Soquel Avenue and Murray. Includes removal of some parking and some landscape strips. Complete storm drain improvements. | \$0 | \$500 | \$0 | \$500 | \$2,500 | \$3,000 |
| Seabright/Murray Traffic Signal Modifications | SC-P100 | Remove split phasing on Seabright and add right-turn lane northbound. | \$0 | \$1,030 | \$0 | \$1,030 | \$0 | \$1,030 |
| Seabright/Water Intersection Improvements | SC-P99 | Modify unsignalized intersection to add northbound right and extend left-turn pocket. | \$0 | \$0 | \$0 | \$0 | \$100 | \$100 |
| Shaffer Road Widening and Railroad Crossing | SC-P91 | Construction of a new crossing of the Railroad line at Shaffer Rd. and widening at the southern leg of Shaffer in conjunction with development. Complete sidewalks and bike lanes. | \$0 | \$0 | \$1,000 | \$1,000 | \$0 | \$1,000 |
| Sidewalk Program | SC-P09 | Install and maintain sidewalks and access ramps. | \$500 | \$3,750 | \$1,250 | \$5,500 | \$15,160 | \$20,660 |
| Soquel Ave at Frederick St Intersection Modifications | SC 42 | Widen to improve eastbound through-lane transition on Soquel Ave and lengthen right-turn pocket and bicycle lane on Frederick St. Upgrade access ramps. | \$900 | \$0 | \$0 | \$900 | \$0 | \$900 |
| Soquel Ave Corridor Widening (Branciforte-Morrissey) | SC-P87 | Minor widening and signal modifications along Soquel Ave corridor from Branciforte to Morrissey Blvd to widen sidewalks, transit improvements, improve pedestrian and bicycle detection and crossings, add a travel lane, maintain some commercial parking and improve existing bike lanes. Replacing the split phasing with protected left-turns at Branciforte to reduce delays for all modes of travel and GHG. | \$0 | \$0 | \$0 | \$0 | \$2,320 | \$2,320 |

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|--|---------|---|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Soquel/Branciforte Bike Lane Treatments (San Lorenzo River to Branciforte) | SC-P123 | Consider bike treatments (such as buffered and/or painted bike lanes, bike boxes, bike signals) to address speed inconsistency and parking conflicts between bicyclists and vehicles. | \$0 | \$410 | \$0 | \$410 | \$0 | \$410 |
| Storey/King Street Intersection Left-Turn Lane | SC-P76 | Remove parking and modify striping for second southbound left turn lane. | \$0 | \$0 | \$0 | \$0 | \$100 | \$100 |
| Swanton Blvd. Multi-Use Trail Connector | SC-P132 | Install a 10-12 foot wide multi-use trail along Swanton, Delaware and Natural bridges, completing a missing link. | \$1,900 | \$0 | \$0 | \$1,900 | \$0 | \$1,900 |
| Swift/Delaware Intersection Roundabout or Traffic Signal | SC-P101 | Install Traffic Signal or Roundabout at Intersection to improve capacity and safety. | \$0 | \$500 | \$0 | \$500 | \$0 | \$500 |
| West Cliff Path Minor Widening (David Way Lighthouse to Swanton) | SC 23 | Improve existing path. | \$0 | \$520 | \$0 | \$520 | \$0 | \$520 |
| West Cliff/Bay Street Modifications | SC-P83 | Install mini-roundabout to replace the all-way stop to improve safety and capacity. | \$0 | \$500 | \$0 | \$500 | \$0 | \$500 |
| City of Santa Cruz Total Cost | | | \$24,392 | \$154,870 | \$109,150 | \$288,412 | \$159,160 | \$447,572 |
| City of Scotts Valley | | | | | | | | |
| Bean Creek Rd at Bluebonnet Traffic Circle | SV-P55 | Install traffic circle to slow traffic and improve visibility of crosswalk. Source ATP Plan | \$0 | \$0 | \$0 | \$0 | \$300 | \$300 |
| Bean Creek Rd Sidewalks (SVMS to Blue Bonnet) | SV-P35 | Fill gaps in sidewalks on Bean Creek Rd. | \$0 | \$410 | \$0 | \$410 | \$0 | \$410 |
| Bean Creek Rd Traffic Calming and Sidewalk Upgrades | SV-P57 | Install traffic calming measures and upgrade to standard sidewalk on east side of the street. Study options to install Class I facility on east side of the street. Source ATP Plan | \$0 | \$0 | \$0 | \$0 | \$650 | \$650 |
| Bean Creek Rd/Camp Evers Connection | SV-P65 | Pave (asphalt or concrete) existing dirt paths on Bean Creek Rd. Source SRTS Plan | \$0 | \$0 | \$0 | \$0 | \$21 | \$21 |

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|---|--------|--|-------------------------------|---------------------|---------------------|-------------------|---------------------|-----------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | Total Constrained | | |
| Bean Creek Road at SV Middle School driveway crosswalk improvements | SV-P56 | Realign crossing and rebuild ADA ramp on west side. Upgrade crosswalk to high visibility. Source SRTS Plan | \$0 | \$53 | \$0 | \$53 | \$0 | \$53 |
| Bean Creek Road Realignment | SV-P16 | Realign Bean Creek Road to intersect Scotts Valley Drive farther North to create a four way intersection. | \$0 | \$0 | \$0 | \$0 | \$2,840 | \$2,840 |
| Blue Bonnet Lane and Kings Village Rd Sidewalk Infill | SV 30a | Fill gaps in sidewalks on Bluebonnet and Kings Village Rd. to improve access between middle school, library and park. | \$250 | \$0 | \$0 | \$250 | \$0 | \$250 |
| Bluebonnet Lane at Monteville Crosswalk Improvements | SV-P59 | Install high-visibility raised crosswalk. Source ATP Plan | \$0 | \$0 | \$0 | \$0 | \$25 | \$25 |
| Bluebonnet Lane Seperated Bikeway | SV-P58 | Install raised cycletrack or Class IV separated bikeway to narrow travel lanes and decrease pedestrian crossing distance. Source ATP Plan | \$0 | \$0 | \$0 | \$0 | \$290 | \$290 |
| Carbonera Creek Multi-Use Path | SV-P60 | Study options to install multi-use path connecting parks along Carbonera Creek. Source ATP Plan | \$0 | \$0 | \$0 | \$0 | \$300 | \$300 |
| Citywide Access Ramps | SV-P06 | Place handicap ramps at various locations. Avg annual cost: \$8K/yr. | \$17 | \$109 | \$84 | \$210 | \$0 | \$210 |
| Citywide Bicycle Detection at Intersections | SV-P63 | Install bicycle detection at intersections: either in-ground detection loops, video detection, or bicycle push-bottons. If in-ground detection loops are used, used bike symbol to show cyclists where to position themselves. Source ATP Plan | \$0 | \$0 | \$0 | \$0 | \$380 | \$380 |
| Citywide Bike Lanes | SV-P41 | Construction of additional bike lanes and paths citywide (including Green Hills). | \$165 | \$1,071 | \$824 | \$2,060 | \$1,300 | \$3,360 |
| Citywide Crosswalk Improvements | SV-P64 | Upgrade crosswalks near schools to high visibility. Source SRTS Plan | \$0 | \$0 | \$0 | \$0 | \$70 | \$70 |

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|---|--------|--|-------------------------------|---------------------|---------------------|-------------------|---------------------|-----------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | Total Constrained | | |
| Citywide General Maintenance and Operations | SV-P27 | Ongoing maintenance, repairs, and operation of road/street system within the City limits. (\$400K/yr const; \$250/yr unconst). | \$1,440 | \$9,360 | \$12,200 | \$23,000 | \$1,750 | \$24,750 |
| Citywide Pedestrian Signals | SV-P80 | Install pedestrian countdown signal heads at all signalized intersections. Source ATP Plan | \$0 | \$0 | \$0 | \$0 | \$120 | \$120 |
| Citywide Sidewalk Program | SV-P05 | Install sidewalks to fill gaps. Annual Cost \$50k/yr | \$320 | \$2,080 | \$1,600 | \$4,000 | \$1,600 | \$5,600 |
| Civic Center Dr Bike Lanes | SV-P33 | Add bike lanes to narrow road. | \$0 | \$0 | \$0 | \$0 | \$410 | \$410 |
| El Pueblo Rd Ext North | SV-P14 | Connect El Pueblo Road via Janis Way to Victor Square, crossing Carbonero Creek. | \$0 | \$0 | \$0 | \$0 | \$1,240 | \$1,240 |
| El Pueblo Rd Extensions | SV-P15 | Connect El Pueblo Road to Disc Drive. | \$0 | \$0 | \$0 | \$0 | \$410 | \$410 |
| El Pueblo Rd Sidewalk Connections | SV-P66 | Fill sidewalk gaps and install pedestrian-scale lighting. Source ATP Plan | \$0 | \$0 | \$0 | \$0 | \$950 | \$950 |
| El Rancho Dr Bike Lanes | SV-P36 | Add bike lanes on El Rancho within city limits. | \$0 | \$0 | \$0 | \$0 | \$340 | \$340 |
| Emergency Access Granite Creek/Hwy 17 | SV-P24 | Connect Granite Creek Rd to SR 17 via Navarra Drive to Sucinto Drive, for emergency access. | \$0 | \$0 | \$0 | \$0 | \$570 | \$570 |
| Emergency Access SV DR/Upper Willis Dr | SV-P25 | Connect Scotts Valley Drive to Upper Willis Road for emergency access. | \$0 | \$0 | \$0 | \$0 | \$1,030 | \$1,030 |
| Emergency Access Whispering Pines | SV-P26 | Connect Whispering Pines Drive to Manana Woods for emergency access. | \$0 | \$0 | \$0 | \$0 | \$50 | \$50 |
| Emergency Access-Bethany/Glenwood | SV-P23 | Connect Bethany Drive to Glenwood Drive. | \$0 | \$0 | \$0 | \$0 | \$210 | \$210 |
| Emergency Access-Sundridge/Pueblo | SV-P22 | Connect Sundridge Drive to Disc Drive for emergency access. | \$0 | \$0 | \$0 | \$0 | \$410 | \$410 |

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| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Erba Lane Sidewalk Connection | SV-P68 | Install sidewalk between Scotts Valley Drive and fire station. Source ATP Plan | \$0 | \$0 | \$0 | \$0 | \$85 | \$85 |
| Erba Lane/ MacDorsa Sidewalk Connection | SV-P67 | Install pedestrian pathway/sidewalk between Erba Lane and MacDorsa Park. Source Parks Master Plan | \$0 | \$0 | \$0 | \$0 | \$200 | \$200 |
| Erba Lane/Terrace View/SV Drive Realignment | SV-P10 | Realign Terrace View to access Scotts Valley Drive via Erba Lane. | \$0 | \$0 | \$0 | \$0 | \$520 | \$520 |
| Glen Canyon Rd at Hwy 17 Overpass Pedestrian Bridge | SV-P69 | Study options to install pedestrian pathway under freeway bridge. Source ATP Plan | \$0 | \$0 | \$0 | \$0 | \$100 | \$100 |
| Glen Canyon Rd Bike Lanes | SV-P29 | Class 2 Bike lanes from Flora Lane to Green Hills. Oak Creek to Flora Ln are already complete. | \$0 | \$0 | \$0 | \$0 | \$1,030 | \$1,030 |
| Glendwood Dr Bicycle Improvements | SV-P71 | Add buffers and keep bike lanes at 5' by narrowing travel lanes to 11' and/or expanding right of way. Source SRTS Plan | \$0 | \$0 | \$0 | \$0 | \$103 | \$103 |
| Glenwood Dr/Meadow View Dr Intersection Improvements | SV-P70 | Install curb extensions to shorten crossing distance. Upgrade crosswalks to high visibility and install LED flashing stop signs. Source SRTS Plan | \$0 | \$0 | \$0 | \$0 | \$117 | \$117 |
| Granite Creek Rd Overcrossing Repaving and Bike/Ped Upgrades | SV-P73 | Repaving of asphalt surface and restriping on Granite Creek Rd from Scotts Valley Dr to the intersection at Santas Village Rd and SV Dr/Santas Village Rd intersection. Widening bike lanes-narrowing travel lanes, adding green treatment to bike lanes, adding a bike box. Adds retaining wall to shore up sloughing under sidewalks. Repaving of AC sidewalks to meet ADA grades. Addition of truncated domes where they are missing at the two intersections. | \$609 | \$0 | \$0 | \$609 | \$0 | \$609 |
| Granite Creek Rd Overpass Bike/Ped modificaitons | SV-P72 | Study options to rebuild overpass to widen sidewalks and install Class IV separated bikeways. Install pedestrian-scale lighting (long term). Source ATP Plan | \$0 | \$0 | \$0 | \$0 | \$200 | \$200 |

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|---|--------|--|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
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| Hacienda Way Intersection Modification and Improvements | SV-P74 | Install curb extensions to reduce crossing distance. Reduce Hacienda Way to one lane at intersection. Look into undergrounding utility pole at northern corner of intersection. Source SRTS Plan | \$0 | \$100 | \$0 | \$100 | \$0 | \$100 |
| Highway 17 On/Off Ramp Bike & Pedestrian Improvements | SV-P95 | Install leading pedestrian interval and curb extension at NE corner of intersection. Upgrade all crosswalks to high visibility. Install green bike conflict markings through intersection. Install bicycle detection at Glenwood/Scotts Valley Drive intersection approaches. Source SRTS Plan. Short term | \$0 | \$207 | \$0 | \$207 | \$0 | \$207 |
| Highway 17 On/Off Ramp Modernization & Redesign | SV-P94 | Begin discussions with Caltrans about modernizing freeway on- and off-ramps. Study options to redesign intersection. Source ATP Plan. long term | \$0 | \$0 | \$0 | \$0 | \$100 | \$100 |
| Hwy 17/Midtown Interchange | SV-P01 | Construct new SR17 interchange midway between Mt. Hermon Rd and Granite Creek Rd. Will require right-of-way. | \$0 | \$0 | \$0 | \$0 | \$30,990 | \$30,990 |
| Hwy 17/Mt. Hermon Rd Interchange Operations Improvement | SV-P44 | Add lane to SB off-ramp at Hwy 17/Mt. Hermon Rd interchange. | \$0 | \$0 | \$0 | \$0 | \$1,030 | \$1,030 |
| In-Street Pedestrian Crossing Improvements | SV-P62 | Install in-street pedestrian crossing signs (R1-6) at uncontrolled crossings near schools, parks, and other areas with high pedestrian traffic. Source ATP Plan | \$0 | \$0 | \$0 | \$0 | \$5 | \$5 |
| Kings Village Rd Bike/Ped Connection | SV-P75 | Install bike/pedestrian connection between potential new development at 440 Kings Village Road and Town Center property. Source ATP Plan | \$0 | \$0 | \$0 | \$0 | \$95 | \$95 |
| Kings Village Rd Crosswalk Improvements | SV-P76 | Upgrade all crosswalks to high visibility. Install curb extensions to shorten crosswalks where feasible. Source ATP Plan | \$0 | \$0 | \$0 | \$0 | \$370 | \$370 |

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| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Kings Village Rd/Town Center Entrance Traffic Signal | SV-P52 | Install new traffic signal at the intersection of Kings Village Rd and new Town Center entrance (near transit center) with protected pedestrian crossings and transit signal priority. New Signalization of the intersection on Kings Village Rd at the transit center exit and future Plan street connection would provide a location for protected pedestrian crossings, and would allow transit operators to easily exit the transit center and maintain operating schedules. | \$0 | \$105 | \$0 | \$105 | \$105 | \$210 |
| La Madrona Dr Bike/ Ped Improvements | SV-P77 | Install pedestrian improvements on La Madrona Drive between project site and Mount Hermon Road, when Gateway South project developed. Restripe bike lanes and continue northbound bike lane to intersection of Mount Hermon Road. Install dashed green lane treatments where bike lane crosses right turn lane. Source ATP Plan | \$0 | \$0 | \$0 | \$0 | \$200 | \$200 |
| Lockwood Lane Multi-Use Path | SV-P78 | Install Class I multi-use path between Mount Hermon Road and Whispering Pines Drive. Source ATP Plan (long term) | \$0 | \$0 | \$0 | \$0 | \$1,300 | \$1,300 |
| Lockwood Lanes Sidewalk & Sharrows | SV-P79 | Fill sidewalk gaps on south side of street. Install green backed sharrows. (short term) | \$0 | \$90 | \$0 | \$90 | \$0 | \$90 |
| Lockhart Gulch Rd Bike Lanes | SV-P37 | Add Class 2 bike lanes to narrow, primarily residential street. | \$0 | \$0 | \$0 | \$0 | \$720 | \$720 |
| Lockhart Gulch Road Multi-Use Path | SV-P81 | Study options to install multi-use path between Lockhart Gulch or Green Valley Road and Coast Range Road, including an unpaved pathway. Source ATP Plan | \$0 | \$0 | \$0 | \$0 | \$25 | \$25 |
| Lockwood Ln Pedestrian Signal Near Golf Course | SV-P21 | Construct a pedestrian signal at unprotected ped crossing on Lockwood Lane. | \$0 | \$50 | \$0 | \$50 | \$0 | \$50 |

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|--|---------|---|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Mt Hermon Rd and Scotts Valley Drive - Crosswalks | SV-P49 | Increase number of crosswalks on Mt Hermon/Scotts Valley Dr, update crosswalks to block pattern, add pedestrian treatments where necessary at intersections to decrease distance across using refuge islands. Add crosswalks to all sides of intersections (particularly an issue on Scotts Valley Dr). Add HAWK signals to provide a low delay signalized crossing opportunity at select locations. Examples include the Safeway Driveway on Mt. Hermon Rd, at Victor Square/Scotts Valley Dr., and at Tramell Way/Scotts Valley Dr. | \$0 | \$375 | \$140 | \$515 | \$515 | \$1,030 |
| Mt Hermon Rd Bike & Ped Improvements | SV-P82 | Install bike and pedestrian improvements including filling sidewalk gaps, high-visibility crosswalks, green bike lane treatments, and curb radius reduction. Source ATP Plan | \$0 | \$0 | \$0 | \$0 | \$800 | \$800 |
| Mt Hermon Rd Buffered Bike Lanes | SV-P83 | Explore installation of buffered bike lanes or Class IV separated bikeways by narrowing lane widths to 11', as recommended in Town Center Plan, or through plan lines study to gain additional ROW as properties redevelop. Source ATP Plan | \$0 | \$0 | \$0 | \$0 | \$190 | \$190 |
| Mt Hermon Rd to El Rancho Drive Bike/Ped Connection | SV-P53 | Study options to install a new bike/ped connection between Mt Hermon Road and El Rancho Drive which could include improved bike/ped facilities on existing interchange or new bike/ped crossing. | \$0 | \$0 | \$1,030 | \$1,030 | \$0 | \$1,030 |
| Mt Hermon Road Sidewalk Connections | SV-P30A | Add sidewalks to fill gaps in business district. | \$100 | \$420 | \$0 | \$520 | \$0 | \$520 |
| Mt Hermon, Lockewood, Springs Lake Widening | SV-P13 | Widen, reconstruct and improve portions of roadway and intersection. | \$0 | \$0 | \$0 | \$0 | \$4,130 | \$4,130 |
| Mt Hermon/King's Village Rd- Transit Signal priority | SV-P46 | Transit signal priority at Kings Village Rd/Mt Hermon Rd. | \$0 | \$80 | \$0 | \$80 | \$0 | \$80 |
| Mt Hermon/Scotts Valley - Transit Queue Jump | SV-P47 | Evaluate and if found to be beneficial, remove right turn islands at Mt Hermon Rd/Scotts Valley Road to add transit queue jump lanes/signals. | \$0 | \$620 | \$0 | \$620 | \$0 | \$620 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|---|--------|--|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Mt. Hermon Rd Circulation Master Plan | SV-P09 | Provides various circulation and access improvements to the Mount Herman corridor. | \$0 | \$0 | \$0 | \$0 | \$3,620 | \$3,620 |
| Mt. Hermon Road/Town Center Entrance Traffic Signal | SV-P51 | Install new traffic signal at the intersection of the future Town Center road that will accommodate increased pedestrian travel. Add a right-turn lane on the westbound approach. New signalization of the intersection at the future Town Center's primary access point on Mt. Hermon Road would provide protected pedestrian crossing, ADA accessible curb ramps and detectable surfaces on all intersection corners. Permitted left-turn phasing shall be used for the northbound and southbound approaches, while protected left-turn phasing shall be provided on the eastbound and westbound Mt. Hermon Road approaches. | \$0 | \$130 | \$0 | \$130 | \$130 | \$260 |
| N. Navarra Dr Bike/Ped Access | SV-P84 | Reconfigure gate to Sucinto Lane to allow for bike/pedestrian access. Source Parks Master Plan | \$0 | \$0 | \$0 | \$0 | \$50 | \$50 |
| N. Navarra Dr-Sucinto Dr Bike Lanes | SV-P34 | Add bike lanes to developing area behind commercial. | \$0 | \$0 | \$0 | \$0 | \$620 | \$620 |
| Navarra Dr Sharrows & Wayfinding | SV-P85 | Install green backed sharrows on N. Navarra Dr. Install bike wayfinding signage on S. Navarra Dr. to highlight Green Hills Road connection. Source ATP Plan | \$0 | \$0 | \$0 | \$0 | \$4 | \$4 |
| Neighborhood Traffic Calming | SV-P28 | Citywide traffic calming devices. | \$20 | \$550 | \$200 | \$770 | \$0 | \$770 |
| Quien Sabe Rd Sidewalk | SV-P86 | Install sidewalk on one side of the street between Scotts Valley Drive and Oak Creek Boulevard. Source ATP Plan | \$0 | \$0 | \$0 | \$0 | \$100 | \$100 |
| Sandraya Heights Rd Crossing Improvements | SV-P87 | Install curb extension on northwest corner to shorten crossing. Install high-visibility crosswalk. Source SRTS Plan (long term) | \$0 | \$0 | \$0 | \$0 | \$53 | \$53 |
| Santa's Village Rd Sidewalk Improvements | SV-P88 | Widen sidewalk to Class I multi-use path to connect new housing developments with Granite Creek Road. Source ATP Plan | \$0 | \$0 | \$0 | \$0 | \$400 | \$400 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|--|--------|---|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Scotts Valley Dr at Victor Square Crosswalk/Sidewalk Improvements | SV-P91 | Add new marked crosswalk at north leg of intersection or relocate crosswalk to north leg to reduce vehicle/pedestrian conflicts. Install pedestrian countdown signal heads. Install sidewalk on Victor Square between Scotts Valley Drive and shopping center entrance. Source ATP Plan | \$0 | \$0 | \$0 | \$0 | \$40 | \$40 |
| Scotts Valley Dr Lane Modifications/Pedestrian Crossing Improvements | SV-P92 | Reduce lane widths or reduce to one lane in each direction to reduce pedestrian crossing distance and provide wider sidewalk, landscape strip and/or buffered bike lanes or Class IV separated bikeway. Source ATP Plan and SRTS Plan | \$0 | \$0 | \$0 | \$0 | \$516 | \$516 |
| Scotts Valley Drive at Bean Creek Road Crossing Improvements | SV-P89 | Install high visibility crosswalks, curb extensions and median refuge islands. Install lead pedestrian interval. Study options to eliminate or modify southbound right-turn lane approaching Bean Creek Road to reduce crossing distance. Source SRTS Plan | \$0 | \$0 | \$0 | \$0 | \$150 | \$150 |
| Scotts Valley Drive at Mount Hermon Road Lane Modifications | SV-P90 | Study options to redesign or modify right-turn slip lanes to improve pedestrian visibility. Source ATP Plan | \$0 | \$0 | \$0 | \$0 | \$30 | \$30 |
| Scotts Valley Town Center Bicycle/Pedestrian Facilities | SV-P45 | Bicycle and pedestrian facilities and circulation elements within planned development. | \$0 | \$4,130 | \$0 | \$4,130 | \$0 | \$4,130 |
| Sidewalk Masterplan Implementation | SV 32 | Installation or widening of sidewalks and ramps that are missing, damaged or do not meet current ADA requirements. May include signage for safety. | \$100 | \$200 | \$200 | \$500 | \$2,200 | \$2,700 |
| Siltanen Community Park Connector Paths | SV-P96 | Improve paths to school campus. Source SRTS Plan. Cost TBD. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Sky Park Commercial Area Circulation | SV-P11 | Construct infrastructure improvement for Skypark commercial area. | \$0 | \$0 | \$0 | \$0 | \$2,070 | \$2,070 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|--|---------|--|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Skypark Bicycle Improvements | SV-P97 | Widen path to allow for bike and pedestrian access, or install separate path for bicyclists to connect Skypark Drive and Kings Village Road. Source ATP Plan. Cost TBD. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Synchronize Traffic Signals along Mt. Hermon Road | SV-P42 | Re-time to coordinate traffic signals along Mt. Hermon Road. | \$100 | \$0 | \$0 | \$100 | \$0 | \$100 |
| Upgrade Bicycle Sharrows | SV-P61 | Upgrade all white sharrows in City limits to green backed sharrows. Source ATP Plan | \$0 | \$0 | \$0 | \$0 | \$12 | \$12 |
| Vine Hill School Rd (Glenwood Dr-Tabor Dr) Bike Lane Widening | SV-P99 | Narrow travel lanes to 11' to widen bike lanes to 6'. Remove signs that indicate bike lanes are dependent on time of day. Source SRTS Plan | \$0 | \$44 | \$0 | \$44 | \$0 | \$44 |
| Vine Hill School Rd Sidewalk Improvements | SV-P98 | Fill sidewalk gaps on north/ east side of street. Source ATP Plan | \$0 | \$0 | \$0 | \$0 | \$250 | \$250 |
| Whispering Pines Dr (Mt Hermon-Lundy Ln) Seperated Bikeways | SV-P100 | Upgrade bike lanes to buffered bike lane or Class IV separated bikeway. Source SRTS Plan | \$0 | \$75 | \$0 | \$75 | \$0 | \$75 |
| City of Scotts Valley Total Cost | | | \$3,121 | \$20,259 | \$16,278 | \$39,658 | \$68,441 | \$108,099 |
| City of Watsonville | | | | | | | | |
| 2nd/Maple Ave (Lincoln to Walker) Traffic Calming and Greenway | WAT-P49 | Evaluate and if found necessary, add traffic calming/bicycle traffic priority with wayfinding signage to provide access to MBSST and create low stress grid around downtown. | \$0 | \$30 | \$0 | \$30 | \$0 | \$30 |
| 5th St (Lincoln to Walker) - Traffic Calming and Greenway | WAT-P50 | Evaluate and if found necessary, add traffic calming/bicycle traffic priority with wayfinding signage to provide access to MBSST and create low stress grid around downtown. | \$0 | \$30 | \$0 | \$30 | \$0 | \$30 |
| Airport Blvd Modifications (Hanger Way to Ross Ave) | WAT-P34 | Reconstruct or repave roadway and bike lanes; repair, replace and install curb, gutter, sidewalk and curb ramps; replace and upgrade signage and striping. | \$0 | \$0 | \$0 | \$0 | \$750 | \$750 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|---|---------|--|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Alley Improvements | WAT-P36 | Repair & reconstruct some alleys. | \$0 | \$75 | \$0 | \$75 | \$0 | \$75 |
| Bridge Maintenance | WAT-P35 | Maintenance of bridges | \$0 | \$150 | \$0 | \$150 | \$0 | \$150 |
| Buena Vista/Calabasas/Freedom Connection | WAT-P30 | Construction of roadway connection from Buena Vista area to Freedom Blvd. Reconstruct Via Nicola. | \$0 | \$0 | \$0 | \$0 | \$7,400 | \$7,400 |
| Citywide General Maintenance and Operations | WAT-P06 | Ongoing maintenance, repair, and operation of road/street system, including bicycle and pedestrian facilities.(Total Need = \$2,600/year, constr=\$1500/yr) | \$4,342 | \$21,708 | \$43,220 | \$69,270 | \$20,000 | \$89,270 |
| Citywide Pedestrian Facilities | WAT-P15 | Construct sidewalks and curb ramps where necessary. This work is usually combined with the annual road rehabilitation and maintenance projects. Avg annual cost: \$100/yr. | \$0 | \$0 | \$0 | \$0 | \$3,000 | \$3,000 |
| Citywide Transportation Projects | WAT-P24 | Lump sum of transportation projects to be identified in the future. Including major rehabilitation and operational improvements (\$1.2M/yr). | \$5,000 | \$0 | \$0 | \$5,000 | \$27,400 | \$32,400 |
| Complete Streets - Downtown | WAT-P75 | Provide complete streets improvements including sidewalk, parking, bike lane, sharrows, curb bulb outs, high visibility crosswalks, striping, signage, street trees, pedestrian lighting, bus shelters, bike parking and benches (some portions=WAT 47 in RTIP). | \$400 | \$2,600 | \$2,000 | \$5,000 | \$22,000 | \$27,000 |
| Complete Streets - Watsonville Schools | WAT-P76 | Provide complete streets improvements including sidewalk, bike lane, sharrows, curb bulb outs, high visibility crosswalks, striping, signage and pedestrian lighting. | \$320 | \$2,080 | \$1,600 | \$4,000 | \$16,600 | \$20,600 |
| Crestview/Wagner Extension | WAT-P29 | Construction of roadway connection from Atkinson Lane area to SR 152. Reconstruct/widen Wagner St. | \$0 | \$0 | \$0 | \$0 | \$5,900 | \$5,900 |
| East Fifth St (Main St to Lincoln St) | WAT-P39 | Repair, replace and install curb, gutter, sidewalk and curb ramps; replace and upgrade signage and striping. | \$0 | \$0 | \$0 | \$0 | \$370 | \$370 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | | Unconstrained Costs | Est. Total Cost |
|--|---------|--|-------------------------------|------------------------|------------------------|----------------------|---------------------|-----------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | Total Constrained | | |
| East Lake Ave-(Hwy 152) Widening (Martinelli St-Holohan Rd) | CT-P33 | Widen East Lake Ave. (SR 152) from 2 to 4 lanes (Martinelli St-Holohan Rd). | \$0 | \$0 | \$0 | \$0 | \$1,300 | \$1,300 |
| East Lake/Madison - ped crossing | WAT-P57 | Evaluate and if feasible, add pedestrian crossing (HAWK signal if ped volume warrants) at E Lake & Madison for better access to Hall Middle School. | \$0 | \$0 | \$0 | \$0 | \$1 | \$1 |
| Elm St. Improvements Project | WAT-P77 | Road reconstruction and sidewalk improvements | \$350 | \$0 | \$0 | \$350 | \$0 | \$350 |
| Freedom Blvd (Airport Blvd to Buena Vista Dr) | WAT-P85 | Repair and resurface damaged roadway and bike lanes, replace damaged sidewalks, add pedestrian facilities where none exist. | \$0 | \$0 | \$0 | \$0 | \$3,000 | \$3,000 |
| Freedom Blvd (Green Valley Rd to Airport Blvd) | WAT-P72 | Repair and resurface damaged roadway and bike lanes, replace damaged sidewalks, add pedestrian facilities where none exist. | \$0 | \$3,300 | \$0 | \$3,300 | \$0 | \$3,300 |
| Freedom Blvd Pedestrian Crossings (Airport to Lincoln) | WAT-P62 | Evaluate and if feasible, install new and improve existing uncontrolled pedestrian crossings at Roach Road, Davis Avenue, Clifford Lane, Mariposa Avenue, Alta Vista Street, Crestview Drive, Martinelli Street and Marin Street). | \$0 | \$0 | \$600 | \$600 | \$0 | \$600 |
| Freedom Blvd Reconstruction (Alta Vista to Green Valley) | WAT 45 | Remove and replace non-ADA compliant driveways and curb ramps, install high visibility crosswalks, provide sharrows and bicycle signage, upgrade existing bus stop shelter, install new traffic signal at Sydney Ave with pedestrian signal heads, pedestrian actuated traffic signals, audible countdown, pedestrian-level lighting and illumination at crosswalks and reconstruct roadway. | \$2,000 | \$0 | \$0 | \$2,000 | \$1,300 | \$3,300 |
| Freedom Blvd/Green Valley Rd Neighborhood Bike/Ped Connections | WAT-P64 | Evaluate and if feasible, implement greenway, which gives priority to bicycles and pedestrians on low volume, low speed streets including, pedestrian facilities, way finding and pavement markings, bicycle treatments to connect neighborhoods to goods and services on Freedom Blvd. | \$0 | \$0 | \$0 | \$0 | \$2,300 | \$2,300 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | | | Est. Total Cost |
|--|---------|--|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | Total Constrained | Unconstrained Costs | |
| Green Valley Adaptive Signal Project | WAT-P78 | Update signals to provide dynamic signal timing, optimizing traffic flow and decreasing vehicle emission. | \$400 | \$0 | \$0 | \$400 | \$0 | \$400 |
| Green Valley Rd Improvement (Freedom Blvd to City Limit) | WAT-P45 | Reconstruct existing roadway, install a median island to encourage safer turning movements, remove and replace existing driveways and curb ramps that do not comply with existing accessibility standards, restripe roadway to provide striping for bike lanes where none exist. | \$2,000 | \$500 | \$0 | \$2,500 | \$0 | \$2,500 |
| Harkins Slough Rd (Hwy 1 to Green Valley Rd) | WAT-P69 | Repair, reconstruct and/or upgrade pavement, bike lanes, sidewalks, transit facilities, signage and striping | \$0 | \$0 | \$0 | \$0 | \$1,500 | \$1,500 |
| Harkins Slough Rd Pedestrian & Bicycle Bridge | WAT-P79 | Install pedestrian & bicycle bridge, pedestrian path, sidewalk, striping and signage | \$90 | \$0 | \$0 | \$90 | \$11,910 | \$12,000 |
| Hillside Ave to Freedom Blvd Ped/Bike Connection | WAT-P60 | Evaluate and if feasible, install new bike/ped connection from Carey Avenue to Freedom Boulevard between Roache Road and Green Valley Road to connect neighborhood to goods, services and transit on Freedom Boulevard. Include new crossing from new bicycle/pedestrian facility to east side of Freedom Boulevard. | \$0 | \$0 | \$0 | \$0 | \$450 | \$450 |
| Kearney/Rodriguez - Ped Crossing | WAT-P53 | Evaluate and if found necessary, add pedestrian crossing at Kearney and Rodriguez with traffic calming for access to Radcliffe Elementary. | \$0 | \$0 | \$0 | \$0 | \$50 | \$50 |
| Lake Avenue Underground Utilities | WAT-P80 | Underground existing overhead utilities. | \$2,400 | \$0 | \$0 | \$2,400 | \$4,200 | \$6,600 |
| Lee Rd Trail | WAT-P81 | Construct bike/pedestrian trail on Lee Road from Railroad Crossing to Harkins Slough Rd. Prepare environmental documents and construction plans, secure permits. | \$700 | \$0 | \$0 | \$700 | \$19,300 | \$20,000 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|---|---------|--|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Lincoln St Safety Improvements | WAT-P82 | Pedestrian Crossing Enhancements that incorporate bulbouts, landscaping, lighting, decorative pedestrian scale fencing, enhanced crosswalks, improved sidewalks and pedestrian amenities, fencing, artistic enhancements by high school artists and classes in crossings and on lighting. Also includes bicycle racks, pavement sharrows, and signage. | \$0 | \$0 | \$0 | \$0 | \$600 | \$600 |
| Lump Sum Bicycle Projects | WAT-P19 | Update the City Bicycle Plan and construction of additional routes and paths (250k/yr). | \$250 | \$1,625 | \$1,250 | \$3,125 | \$3,125 | \$6,250 |
| Main St - 3 HAWK Signals | WAT-P54 | Evaluate and if found necessary, add Hawk signals in 3 locations on Main St. | \$0 | \$0 | \$900 | \$900 | \$0 | \$900 |
| Main St (Freedom to Riverside) Ped/Bike Enhancements | WAT-P58 | Evaluate and if feasible improve ped facilities and bike treatments (such as buffered and/or painted bike lanes, bike boxes, bike signals) and bike boxes and bicycle priority at intersections on Main Street intersections. | \$0 | \$0 | \$0 | \$0 | \$890 | \$890 |
| Main St Modifications (500 Block: Fifth St to East Lake Ave) | WAT-P40 | Repair, replace and install curb, gutter, and curb ramps; replace and upgrade signage and striping. Evaluate and if feasible, provide bike treatments (such as buffered and/or painted bike lanes, bike boxes, bike signals), and buffered sidewalk. | \$0 | \$0 | \$0 | \$0 | \$710 | \$710 |
| Main St Modifications (City Limit to Lake Ave) | WAT-P47 | Repave roadway and bike lanes; repair, replace and install curb, gutter, sidewalk and curb ramps; replace and upgrade signage and striping. Evaluate and if feasible, provide bike treatments (such as buffered and/or painted bike lanes, bike boxes, bike signals) and buffered sidewalks. | \$0 | \$0 | \$2,100 | \$2,100 | \$0 | \$2,100 |
| Main St Modifications (East Lake Ave to Freedom Blvd) | WAT-P73 | Provide complete streets improvements including but not limited to pedestrian crossings, bicycle facilities, bus stops, parking, sidewalks and traffic management | \$0 | \$0 | \$0 | \$0 | \$1,250 | \$1,250 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|---|---------|---|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Main St. (Hwy 152)/Freedom Blvd Roundabout | WAT 27a | Installation of a roundabout to replace the currently signalized intersection with safety considerations for bike/ped. Caltrans Project ID - 05-0T150. | \$0 | \$0 | \$0 | \$0 | \$1,850 | \$1,850 |
| Main St/Beach St/Lake Ave Bike Facilities | CT-P38 | Bicycle facilities - Main St (GV Rd to Mont Co line), Beach St (Walker to Lincoln) and Lake Ave (Main St to fairgrounds). County/City Project - Cost unknown. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Main Street Traffic Study | WAT-P86 | Conduct traffic study on Main Street between Freedom Blvd and Riverside Dr to determine the feasibility of a lane reduction/road diet. Determine possible impacts on adjacent streets and any necessary improvements. Study shall be coordinated with 2019 Downtown Watsonville Complete Streets and 2020 Downtown Specific Plan. | \$25 | \$0 | \$0 | \$25 | \$0 | \$25 |
| Main/Rodriguez/Union/Brennan (Freedom to Riverside) - Crosswalks | WAT-P55 | Evaluate and if found necessary, increase the number of crosswalks on Main St, Rodriguez, and Union/Brennan to aim for 300 ft distance between crossings. Update pattern of crosswalks to block pattern. | \$0 | \$0 | \$0 | \$0 | \$140 | \$140 |
| Maintain and Improve Trails | WAT-P83 | Maintain and enhance existing pedestrian and bicycle trails | \$0 | \$0 | \$0 | \$0 | \$400 | \$400 |
| MBSST/Rail Trail: Segment 18a - Ohlone Pkwy to City Slough Trail connection | TRL 18W | Construction of pedestrian and bicycle path parallel to the existing railroad tracks and within the rail right-of-way. Includes public outreach and training to improve bicycle and pedestrian safety. | \$2,000 | \$0 | \$0 | \$2,000 | \$0 | \$2,000 |
| MBSST/Rail Trail: Segment 18b - Lee Road-Ohlone Pkwy | TRL 18L | Construction of pathway parallel to the railroad tracks: includes asphalt path, retaining walls, fencing, drainage, at grade RR crossings, and installation of pathway or sidewalk to link to the existing sidewalk at Lee Road. | \$4,000 | \$0 | \$0 | \$4,000 | \$0 | \$4,000 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|--|---------|---|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| MBSSTN Walker St (Watsonville Slough Trailhead to Walker St) | WAT-P71 | Construction of 2400-foot long pathway parallel to the railroad tracks. Path shall be twelve-foot width asphalt (hma). Modify drainage facilities east of Ohlone Parkway. Provide connection with Watsonville Slough Trail. Install at grade crossing at spur near Walker St. Modify existing parking area and pedestrian facilities at Walker St/West Beach St intersection. | \$0 | \$3,400 | \$0 | \$3,400 | \$0 | \$3,400 |
| Neighborhood Traffic Plan | WAT-P04 | Plan to identify and address concerns regarding speeding, bicycle and pedestrian access and safety, and other neighborhood traffic issues (\$5k/yr). | \$0 | \$140 | \$0 | \$140 | \$0 | \$140 |
| Neighborhood Traffic Plan Implementation | WAT-P13 | Address concerns about traffic complaints through Education, Enforcement, and Engineering solutions. Install traffic calming devices that do not impede bicyclist access (\$20k/yr). | \$0 | \$600 | \$0 | \$600 | \$0 | \$600 |
| Ohlone Parkway Improvements - Phase 2 (UPRR to West Beach) | WAT-P31 | Roadway, pedestrian, and bicycle facilities. | \$0 | \$0 | \$0 | \$0 | \$750 | \$750 |
| Pajaro Lane to Freedom Blvd Ped/Bike Connection | WAT-P63 | Evaluate and if feasible, new bike/ped connection from Pajaro Lane to Freedom Blvd to connect neighborhood to goods, services and transit on Freedom Boulevard. Include new crossing from new bicycle/pedestrian facility to west side of Freedom Boulevard. | \$0 | \$0 | \$0 | \$0 | \$450 | \$450 |
| Pajaro Valley High School Connector Trail | WAT-P42 | Install bicycle/pedestrian trail (this trail connects Pajaro Valley High School to Airport Blvd). | \$0 | \$0 | \$0 | \$0 | \$880 | \$880 |
| Pedestrian and Traffic Safety | WAT-P84 | Provide pedestrian and traffic safety improvements including striping, markers, signage, flashing beacons and curb extensions. | \$0 | \$0 | \$0 | \$0 | \$850 | \$850 |
| Pennsylvania Dr (Green Valley Rd to Clifford Ave) | WAT-P70 | Repair, reconstruct and/or upgrade pavement, bike lanes, sidewalks, transit facilities, signage and striping | \$0 | \$0 | \$0 | \$0 | \$5,700 | \$5,700 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|--|---------|---|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Riverside (Hwy 129) Bike Facilities | CT-P39 | Bicycle facilities - Lee to Lakeview Road. County/City Project -Cost Unknown. | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Rodriguez St (Main St to Riverside)- Buffered Bike Lane | WAT-P51 | Evaluate and if found necessary, improve bike lane striping, add buffered lanes on Rodriguez St to delineate bike lane from vehicle parking and traffic. | \$0 | \$0 | \$0 | \$0 | \$15 | \$15 |
| Union/Brennan (Freedom to Riverside) - Sharrows | WAT-P52 | Evaluate and if found necessary, add sharrows to Union/Brennan. | \$0 | \$0 | \$0 | \$0 | \$15 | \$15 |
| Upper Struve Slough Trail | WAT-P65 | Construction of pedestrian/bicycle path along upper Struve Slough from Green Valley Road to Pennsylvania Drive. The trail shall consist of a twelve-foot wide by one foot deep aggregate base section with the center eight feet covered with a chip seal. Additional improvements include installing a 130-length of modular concrete block retaining wall, reinforcing a 160-foot length of slough embankment with rock slope protection and installing a 175-foot long by eight foot wide boardwalk. | \$0 | \$0 | \$660 | \$660 | \$0 | \$660 |
| Walker St Modifications (Beach St to Watsonville Slough) | WAT-P48 | Repave roadway and bike lanes; repair, replace and install curb, gutter, sidewalk and curb ramps; replace and upgrade signage and striping | \$0 | \$0 | \$0 | \$0 | \$4,000 | \$4,000 |
| Watsonville Road Rehabilitation/Reconstruction (Various Locations) | WAT 46 | Rehabilitate and reconstruct one or more rehab/reconstruction projects. | \$2,505 | \$0 | \$0 | \$2,505 | \$0 | \$2,505 |
| Watsonville Shuttle | WAT-P27 | Year round public transit service. | \$0 | \$0 | \$0 | \$0 | \$370 | \$370 |
| Watsonville-wide HOV priority | WAT-P56 | Evaluate HOV priority at signals and HOV queue bypass. | \$0 | \$0 | \$0 | \$0 | \$60 | \$60 |
| West Beach St (Lee Rd to Ohlone Parkway) | WAT-P66 | Repair, reconstruct and/or upgrade pavement, bike lanes, sidewalks, transit facilities, signage and striping | \$0 | \$0 | \$0 | \$0 | \$3,600 | \$3,600 |
| West Beach St/Ohlone Pkwy Signal | WAT-P89 | Install traffic signal | \$130 | \$0 | \$0 | \$130 | \$0 | \$130 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | | Unconstrained Costs | Est. Total Cost |
|---|---------|---|-------------------------------|---------------------|---------------------|-------------------|---------------------|-----------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | Total Constrained | | |
| West Lake Ave Modifications (Main St to Rodriguez St) | WAT-P41 | Repair, replace and install curb, gutter, sidewalk and curb ramps; replace and upgrade signage and striping | \$0 | \$0 | \$0 | \$0 | \$300 | \$300 |
| City of Watsonville Total Cost | | | \$26,912 | \$36,238 | \$52,330 | \$115,480 | \$174,686 | \$290,166 |

Consolidated Transportation

| | | | | | | | | |
|---|----------|--|---------|----------|----------|----------|----------|-----------|
| Countywide Specialized Transportation | CTSA-P01 | Non-ADA mandated paratransit and other specialized transportation service for seniors and people with disabilities. Includes medical service rides, Elderday, out-of-county rides, Sr. Meal Site, Taxi Script, and same day rides etc. Constrained annual=\$2.3M; total need \$3M/yr | \$3,640 | \$23,660 | \$24,450 | \$51,750 | \$23,250 | \$75,000 |
| Lift Line EV Modernization Project | CTSA-P07 | Replace 3 gas-powered vehicles with 3 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. | \$0 | \$0 | \$0 | \$0 | \$560 | \$560 |
| Lift Line Maintenance/Operations Center | CTSA-P02 | Construct a permanent maintenance center/consolidated operations facility for paratransit program (currently Lift Line). Measure D being used to finance. | \$0 | \$15,500 | \$0 | \$15,500 | \$0 | \$15,500 |
| Medical Specialized Transportation for Veterans | CTSA-P06 | Non-emergency medical transportation for veterans | \$0 | \$0 | \$0 | \$0 | \$6,500 | \$6,500 |
| Medically Fragile Specialized Transportation | CTSA-P04 | Non-emergency transportation service for medically fragile individuals. Includes operations and capital. | \$0 | \$0 | \$0 | \$0 | \$5,000 | \$5,000 |
| Non-ADA Paratransit Service Expansion | CTSA-P03 | Expansion of non-ADA paratransit system to meet needs of growing elderly and disabled populations. May include pre/post natal transport to medical appointments. | \$0 | \$0 | \$0 | \$0 | \$21,700 | \$21,700 |
| Consolidated Transportation Total Cost | | | \$3,640 | \$39,160 | \$24,450 | \$67,250 | \$57,010 | \$124,260 |

| | | | Financially Constrained Costs | | | | | |
|---|---------|--|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| Project Title | ID | Project Description/Scope | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | Total Constrained | Unconstrained Costs | Est. Total Cost |
| County Health Services Agency | | | | | | | | |
| Santa Cruz County Health Service Agency - Traffic Safety Education | CO 50 | Ongoing education program to decrease the risk and severity of collisions. Includes bicycle and pedestrian programs: Community Traffic Safety Coalition, South County coalition, and Ride n' Stride Bicycle/Pedestrian Education Program. | \$200 | \$1,300 | \$1,000 | \$2,500 | \$4,900 | \$7,400 |
| County Health Services Agency Total Cost | | | \$200 | \$1,300 | \$1,000 | \$2,500 | \$4,900 | \$7,400 |
| County of Santa Cruz | | | | | | | | |
| 26th Ave Improvements (entire length-Portola Dr to end) | CO-P31a | Roadway and roadside improvements on various Major Collectors including sidewalks, bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. | \$0 | \$0 | \$0 | \$0 | \$2,580 | \$2,580 |
| 26th to 30th (at Lode/Quartz) Bike/Ped Connection | CO-P78 | New bike/ped connection from Lode and Quartz to Moran Trail, which connects to 30th. | \$0 | \$0 | \$0 | \$0 | \$520 | \$520 |
| 37th/38th Ave (Brommer to Eastcliff) Multimodal Circulation Improvements and Greenway | CO-P27a | Evaluate and if feasible improve vehicle and transit access on 38th Avenue from East Cliff to Brommer and develop greenway on 37th Avenue from East Cliff to Portola. Roadway improvements may include roadway and roadside improvements including sidewalks, bike treatments (such as buffered and/or painted bike lanes, bike boxes, bike signals), transit turnouts, left turn pockets, and intersection improvement. | \$0 | \$570 | \$0 | \$570 | \$1,500 | \$2,070 |
| 41st Ave Improvements Phase 2 (Hwy 1 Interchange to Soquel Dr) | CO-P26a | Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements. | \$0 | \$340 | \$0 | \$340 | \$900 | \$1,240 |
| Airport Blvd Improvements (City limits to Green Valley Rd) | CO-P02 | Major rehab, addition of bike lanes, transit facilities, merge lanes, intersection improvements, sidewalks, drainage, and landscaping. | \$0 | \$1,240 | \$0 | \$1,240 | \$0 | \$1,240 |
| Alba Rd Improvements (Empire Grade to State Hwy 9) | CO-P30b | Roadwork includes major rehabilitation and maintenance of the road and roadsides. | \$0 | \$0 | \$0 | \$0 | \$1,760 | \$1,760 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|---|---------|--|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Amesti Road Multimodal Improvements (Green Valley to Brown Valley Rd) | CO-P03 | Roadway rehab and reconstruction, left turn pockets at Green Valley Road, Pioneer Road/Varni Road. Add bike lanes, transit turnouts, sidewalks, merge lanes, landscaping, and intersection improvements. | \$0 | \$600 | \$0 | \$600 | \$5,600 | \$6,200 |
| Aptos Beach Dr Improvements (Esplanade to Rio Del Mar Blvd) | CO-P27b | Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement. | \$0 | \$0 | \$0 | \$0 | \$1,240 | \$1,240 |
| Beach Road Improvements (City limits to Pajaro Dunes) | CO-P26b | Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements. | \$0 | \$340 | \$0 | \$340 | \$900 | \$1,240 |
| Bean Creek Rd Improvements (Scotts Valley City Limits to Glenwood Dr) | CO-P28a | Roadway and roadside improvements on various Minor Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road. | \$0 | \$0 | \$485 | \$485 | \$1,275 | \$1,760 |
| Bear Creek Road Improvements (Hwy 9 to Hwy 35) | CO-P04 | Major rehab, add bike lanes, turnouts, merge lanes, and intersection improvements. Some landscaping and drainage improvements also. | \$0 | \$0 | \$250 | \$250 | \$4,500 | \$4,750 |
| Bonita Dr Improvements (entire length) | CO-P29b | Improvements of roadways and roadsides on various Minor Collectors including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road. | \$0 | \$0 | \$0 | \$0 | \$1,240 | \$1,240 |
| Bonny Doon Rd Improvements (Hwy 1 to Pine Flats Rd) | CO-P43 | Construction of a Class 1 bike lane facility, addition of transit stops, intersection improvements, major road rehabilitation, road maintenance, and drainage improvements. | \$0 | \$0 | \$0 | \$0 | \$8,260 | \$8,260 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|--|---------|---|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Bowker Rd Improvements (entire length-Buena Vista Dr to Freedom Blvd) | CO-P33a | Roadway and roadside improvements on various Minor Collectors including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road. | \$0 | \$0 | \$0 | \$0 | \$620 | \$620 |
| Branciforte Dr Improvements (City of Santa Cruz to Vine Hill Rd) | CO-P30c | Improvements of roadways and roadsides on various Major Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road and roadsides. | \$0 | \$0 | \$0 | \$0 | \$1,760 | \$1,760 |
| Branciforte Drive Chip Seal Project (Granite Creek Rd to SC city limits - 1.91 mi) | CO 82 | Roadway rehabilitation: Digouts, Rubberized Chip Seal, and restriping of a portion of Branciforte Drive | \$433 | \$0 | \$0 | \$433 | \$0 | \$433 |
| Brimblecom Road Bridge Replacement | CO-P100 | The project will consist of completely replacing the existing narrow one lane structure and roadway approaches with a two lane clear span concrete bridge and standard bridge approaches. | \$0 | \$0 | \$0 | \$0 | \$2,746 | \$2,746 |
| Brown Valley Rd Improvements (Corralitos Rd to Redwood Rd) | CO-P26d | Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements. | \$0 | \$0 | \$340 | \$340 | \$900 | \$1,240 |
| Buena Vista Rd Improvements (San Andreas to Freedom Blvd) | CO-P26e | Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements. | \$0 | \$0 | \$825 | \$825 | \$2,175 | \$3,000 |
| Bulb Ave Road Improvements (Garden St to Capitola City Limits) | CO-P65 | Roadway and roadside improvements including curb, gutter, sidewalk, bike lanes, left turn lanes, intersection improvements and roadway rehabilitation. | \$0 | \$0 | \$0 | \$0 | \$770 | \$770 |
| Cabrillo College Dr Improvements (Park Ave to Twin Lakes Church) | CO-P30d | Improvements of roadways and roadsides on various Major Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road and roadsides. | \$0 | \$240 | \$0 | \$240 | \$1,000 | \$1,240 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|---|---------|--|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Capital improvement projects consistent with the Sustainable Santa Cruz County Plan | CO-P96 | Construct associated multi-modal infrastructure improvements associated with the Sustainable Santa Cruz County Plan | \$0 | \$5,000 | \$2,000 | \$7,000 | \$15,000 | \$22,000 |
| Capitola Rd Ext Improvements (Capitola Rd to Soquel Ave) | CO-P31b | Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. | \$0 | \$0 | \$0 | \$0 | \$1,240 | \$1,240 |
| Carol Way/Lompico Creek Bridge Replacement | CO-P49 | Replace existing single span-two lane bridge construction of steel girders and long deck with new 30 ft wide single span flat sale concrete bridge. Include (2) 11 ft lanes and (2) 4 ft shoulders. | \$0 | \$0 | \$0 | \$0 | \$1,240 | \$1,240 |
| Cassery Rd Improvements (Hwy 152 to Green Valley Rd) | CO-P26g | Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements. | \$0 | \$0 | \$208 | \$208 | \$562 | \$770 |
| Cathedral Dr Improvements (entire length) | CO-P33b | Roadway and roadside improvements on Minor Collector. Roadwork includes major rehabilitation and maintenance of the road. | \$0 | \$0 | \$0 | \$0 | \$620 | \$620 |
| Center Ave/Seacliff Dr Improvements (Broadway to Aptos Beach Dr) | CO-P26h | Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements. | \$0 | \$340 | \$0 | \$340 | \$900 | \$1,240 |
| Chanticleer Ave Improvements (Hwy 1 to Soquel Dr) | CO-P26i | Roadway and roadside improvements including bike lanes, sidewalks, drainage and intersection improvements. | \$0 | \$340 | \$0 | \$340 | \$900 | \$1,240 |
| Cliff Dr Improvements (Rio Del Mar to Railroad Crossing) | CO-P29c | Improvements of roadways and roadsides on various Minor Collectors including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road. | \$0 | \$0 | \$0 | \$0 | \$620 | \$620 |
| Clubhouse Drive Improvements (Sumner Av to Rio Del Mar Blvd) | CO-P32a | Road rehabilitation and maintenance. Roadside improvements: left lane pockets, sidewalks, bike lanes and transit turnouts. | \$0 | \$0 | \$0 | \$0 | \$1,450 | \$1,450 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|--|---------|--|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| College Road Improvements (Hwy 152 to Lakeview Rd) | CO-P23 | Major road rehab, add left turn pocket at Cutter Drive. Also add bike lanes, transit turnouts, sidewalks, landscaping. Drainage improvements, merge lanes, and intersection improvements may also be needed. | \$0 | \$0 | \$0 | \$0 | \$1,760 | \$1,760 |
| Commercial Way Improvements (Mission Dr. to Soquel Dr.) | CO-P28c | Roadway and roadside improvements on various Minor Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road. | \$0 | \$0 | \$170 | \$170 | \$450 | \$620 |
| Corcoran Ave Improvements (Alice St to Felt St) | CO-P27c | Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement. | \$0 | \$150 | \$0 | \$150 | \$470 | \$620 |
| Corralitos Road Rehab and Improvements (Freedom Blvd to Hames Rd) | CO-P08 | Major rehab, transit, bike, and ped facilities. May also include drainage, merge lanes, landscaping and intersection improvements. | \$0 | \$620 | \$0 | \$620 | \$0 | \$620 |
| County wide guardrail | CO-P97 | Install guardrail on County roads | \$0 | \$10,000 | \$5,000 | \$15,000 | \$0 | \$15,000 |
| Countywide ADA Access Ramps | CO-P37 | Construction of handicapped access ramps countywide. | \$45 | \$450 | \$125 | \$620 | \$620 | \$1,240 |
| Countywide Bike Projects | CO-P71 | Bike projects based on needs identified through the Santa Cruz County Bicycle Plan and plan updates. These are in addition to projects listed individually in the RTP. | \$0 | \$0 | \$0 | \$0 | \$4,130 | \$4,130 |
| Countywide General Road Maintenance and Operations | CO-P35 | Ongoing maintenance, repair, and operation of road/street system within the unincorporated areas of the county. | \$33,200 | \$110,000 | \$318,000 | \$461,200 | \$53,800 | \$515,000 |
| Countywide Sidewalks | CO-P41 | Install sidewalks. | \$1,000 | \$5,000 | \$1,000 | \$7,000 | \$65,310 | \$72,310 |
| Day Valley Rd Improvements (entire length-Freedom Blvd to Valencia Rd) | CO-P31c | Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. | \$0 | \$0 | \$0 | \$0 | \$1,240 | \$1,240 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|--|---------|---|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| East Cliff (26th to Moran Way) Sidewalk Improvement | CO-P77 | Install sidewalk from 26th south to link to Moran Way. | \$0 | \$0 | \$0 | \$0 | \$410 | \$410 |
| East Cliff Dr Pedestrian Pathway (17th-Palisades Ave) | CO-P103 | Construct sidewalks and bike lanes on East Cliff where there are gaps | \$0 | \$0 | \$0 | \$0 | \$7,000 | \$7,000 |
| East Cliff Dr Pedestrian Pathway (7th-12th Ave) | CO-P50 | Construct pedestrian pathway on East Cliff. | \$0 | \$1,760 | \$0 | \$1,760 | \$0 | \$1,760 |
| East Cliff Drive Cape Seal (12th-17th) | CO 66 | Pavement maintenance, isolated section digout and asphalt replacement and cape seal on entire roadway. | \$230 | \$0 | \$0 | \$230 | \$0 | \$230 |
| East Cliff Drive Improvements (32nd Ave to Harbor) | CO-P09 | Roadway rehab, add left turn pockets at 26th and 30th Ave, fill gaps in bikeways and sidewalks, add transit turnouts, intersection improvements. Some landscaping and drainage improvements. | \$0 | \$1,000 | \$500 | \$1,500 | \$3,250 | \$4,750 |
| East Zayante Rd Improvements (Lompico Rd to just before Summit Rd) | CO-P26j | Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements. | \$0 | \$0 | \$485 | \$485 | \$1,275 | \$1,760 |
| Either Way Ln Bridge Replacement Project | CO-P88 | The project will consist of completely replacing the existing narrow one lane structure and roadway approaches with a two lane clear span precast voided concrete slab bridge and standard bridge approaches. | \$0 | \$0 | \$2,180 | \$2,180 | \$0 | \$2,180 |
| El Dorado Ave Road Improvements (Capitola Rd to RR) | CO-P67 | Roadway and roadside improvements including curb, gutter, buffered sidewalk, bike treatments (such as buffered and/or painted bike lanes, bike boxes, bike signals), left turn lanes, intersection improvements and roadway rehabilitation. | \$0 | \$0 | \$0 | \$0 | \$1,810 | \$1,810 |
| El Rancho Dr Improvements (Mt. Hermon/Hwy 17 to SC city limits) | CO-P26k | Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements. | \$0 | \$0 | \$655 | \$655 | \$1,725 | \$2,380 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|---|---------|--|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Emergency Routes Resurfacing: Alba & Jamison Creek Roads | CO 90 | Pavement maintenance of approximately 7.08 miles of roadway including all of Alba Rd and Jamison Creek Rd. Isolated sections of digout and asphalt replacement where rutting has occurred & isolated asphalt leveling courses, followed by resurfacing of the entire roadway, restriping. Covers existing roadway edge to existing roadway edge. | \$2,084 | \$0 | \$0 | \$2,084 | \$0 | \$2,084 |
| Empire Grade Improvements | CO-P10 | Road rehab and maintenance, left turn pocket at Felton Empire Road, add bike lanes, transit facilities, some sidewalks, landscaping. Drainage improvements, merge lanes, and intersection improvements may also be needed. | \$0 | \$775 | \$415 | \$1,190 | \$3,560 | \$4,750 |
| Eureka Canyon Rd Improvements (Hames Rd to Buzzard Lagoon Rd) | CO-P26l | Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements. | \$0 | \$0 | \$655 | \$655 | \$1,725 | \$2,380 |
| Felton Empire Road Improvements (entire length to State Hwy 9) | CO-P28d | Roadway and roadside improvements on various Minor Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road. | \$0 | \$0 | \$655 | \$655 | \$1,725 | \$2,380 |
| Fern Dr @ San Lorenzo River Bridge Replacement Project | CO-P90 | The project will consist of completely replacing the existing three span single lane structure and roadway approaches with a new two lane clear span reinforced concrete box girder bridge and standard bridge approaches. | \$0 | \$2,830 | \$0 | \$2,830 | \$0 | \$2,830 |
| Forest Hill Dr @ Bear Creek Bridge Replacement Project | CO-P86 | The Project will consist of completely replacing existing steel girder bridge crossing Bear Creek with a new precast concrete voided slab bridge. | \$0 | \$0 | \$0 | \$0 | \$2,050 | \$2,050 |
| Freedom Blvd Multimodal Improvements (Bonita Dr to City of Watsonville) | CO-P11 | Add bike lanes, sidewalks on some segments, transit turnouts, signalization. Left turn pockets at Bowker, Day Valley, White Rd, and Corralitos Rd. Also includes merge lanes, intersection improvements, landscaping, major rehabilitation and maintenance, drainage improvements. | \$0 | \$775 | \$0 | \$775 | \$2,325 | \$3,100 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|--|---------|---|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Glen Arbor Rd Improvements (State Hwy 9 to State Hwy 9) | CO-P30f | Improvements of roadways and roadsides on various Major Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road and roadsides. | \$0 | \$0 | \$0 | \$0 | \$1,240 | \$1,240 |
| Glen Arbor Road Bridge Replacement | CO-P102 | The project will consist of replacing the existing narrow two lane structure and roadway approaches by widening to 12 foot lanes with 8 foot shoulders and standard bridge approaches. | \$0 | \$0 | \$0 | \$0 | \$3,959 | \$3,959 |
| Glen Arbor Sidewalk | CO-P108 | Construct sidewalk, ADA ramps, crosswalks, drainage improvements and streetlights on northbound Glen Arbor Road from Pine Street to Highway 9 | \$0 | \$0 | \$0 | \$0 | \$1,500 | \$1,500 |
| Glen Canyon Rd Improvements (Branciforte Dr to City of Scotts Valley) | CO-P26m | Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements. | \$0 | \$0 | \$1,640 | \$1,640 | \$4,350 | \$5,990 |
| Glen Coolidge Drive/Hwy 9 Bike Path | CO-P40 | Class 1 bike facility from Glen Coolidge Dr to Hwy 9 to provide eastern access to UCSC. | \$0 | \$0 | \$0 | \$0 | \$2,380 | \$2,380 |
| Glenwood Cutoff General Improvements (Glenwood Dr to Hwy 17) | CO-P61 | Roadway and roadside improvements including bike lanes, left turn lanes, intersection improvements and roadway rehabilitation. | \$0 | \$0 | \$0 | \$0 | \$3,100 | \$3,100 |
| Glenwood Dr. Improvements (Scotts Valley city limits to State Hwy 17) | CO-P26n | Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements. | \$0 | \$0 | \$825 | \$825 | \$2,175 | \$3,000 |
| Graham Hill Road Multimodal Improvements (City of SC to Hwy 9) | CO-P12 | Bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes, traffic signals. Major rehabilitation and maintenance. Drainage improvements. Signal upgrade at SR9. | \$0 | \$0 | \$1,755 | \$1,755 | \$5,265 | \$7,020 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|---|---------|---|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Granite Creek Rd Improvements (Branciforte Dr to City of Scotts Valley) | CO-P30h | Improvements of roadways and roadsides on various Major Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road and roadsides. | \$0 | \$0 | \$0 | \$0 | \$1,760 | \$1,760 |
| Green Valley Rd Bridge Replacement Project | CO-P85 | The project will consist of completely replacing the existing two lane structure and roadway approaches with a two lane clear span concrete slab bridge and standard bridge approaches. | \$0 | \$2,110 | \$0 | \$2,110 | \$0 | \$2,110 |
| Green Valley Rd Pedestrian Safety Project | CO 42b | Build 6-foot wide sidewalk with some curb and gutter on NW side of Green Valley Rd from Airport Blvd to Amesti Rd (1800 ft). | \$390 | \$0 | \$0 | \$390 | \$0 | \$390 |
| Green Valley Road Improvements | CO-P13 | Add two-way left turn lanes from Mesa Verde to Pinto Lake on Green Valley Rd. Also includes some road rehab and maintenance, bike lanes, sidewalks, transit facilities, landscaping, and merge lanes. | \$0 | \$0 | \$1,030 | \$1,030 | \$3,100 | \$4,130 |
| Hames Rd Improvements (entire length-Freedom Blvd to Eureka Canyon Rd) | CO-P32b | Road rehab and maint. Roadside improvements--left lane pockets, sidewalks, bike lanes and transit turnouts. | \$0 | \$0 | \$0 | \$0 | \$3,620 | \$3,620 |
| Harkins Slough Rd. Improvements (entire length-Buena Vista Dr to State Hwy 1) | CO-P32c | Road rehab and maint. Roadside improvements--left lane pockets, sidewalks, bike lanes and transit turnouts. | \$0 | \$0 | \$0 | \$0 | \$1,760 | \$1,760 |
| Harper St Improvements (entire length-El Dorado Ave to ECM) | CO-P33d | Roadway and roadside improvements on various Minor Collectors including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road. | \$0 | \$310 | \$0 | \$310 | \$930 | \$1,240 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|---|---------|---|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Holohan Road Resurfacing | CO 93 | Pavement maintenance of approximately 1.42 miles of Holohan Rd, from Green Valley Rd to 420' W/O State Hwy 152 (the project limit of the planned Holohan/152 intersection improvements). 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. | \$490 | \$0 | \$0 | \$490 | \$0 | \$490 |
| Huntington Dr Improvements (Monroe Ave to Valencia Rd.) | CO-P32d | Road rehab and maint. Roadside improvements--left lane pockets, sidewalks, bike lanes and transit turnouts. | \$0 | \$0 | \$0 | \$0 | \$2,380 | \$2,380 |
| Hwy 152/Holohan - College Intersection | CO 84 | Operational and school bike and pedestrian safety improvements at intersection, including: adding a left-turn lane from Holohan to EB Hwy 152, extending existing lanes on Holohan approach, adding merge lane to Hwy 152 WB. Sidewalk on north (WB) side of Hwy 152 from Holohan to Corralitos Creek bridge, adds crosswalks, bicycle facilities. | \$0 | \$3,650 | \$0 | \$3,650 | \$0 | \$3,650 |
| Hwy 9 - Downtown Felton Bike Lanes & Sidewalks (San Lorenzo Valley Trail) | CO-P46a | Install sidewalks and bicycle lanes on Hwy 9 through downtown Felton. | \$0 | \$3,500 | \$0 | \$3,500 | \$0 | \$3,500 |
| Hwy 9 - North Felton Bike Lanes & Sidewalks (San Lorenzo Valley Trail) | CO-P46b | Install sidewalk/pedestrian path on west side, shoulder widening to 5' for bicycle lanes from SLV High School in Felton to Glen Arbor Road in Ben Lomond, including frontage of SLV elementary, middle and high schools. Includes new and replacement bike/ped bridges. (Felton-SLVHS=#CT09) | \$0 | \$5,000 | \$0 | \$5,000 | \$5,000 | \$10,000 |
| Jamison Cr Rd Improvements (entire length-Empire Grade to Hwy 236) | CO-P32e | Road rehab and maint. Roadside improvements--left lane pockets, sidewalks, bike lanes and transit turnouts. | \$0 | \$0 | \$0 | \$0 | \$620 | \$620 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | | Unconstrained Costs | Est. Total Cost |
|---|---------|---|-------------------------------|------------------------|------------------------|----------------------|---------------------|-----------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | Total Constrained | | |
| La Madrona Dr Improvements (El Rancho Dr to City of Scotts Valley) | CO-P14 | Bike lanes, sidewalks, transit turnouts, left turn pockets at Sims Road, Highway 17, and El Rancho Road), merge lanes, and intersection improvements. Also includes major rehabilitation, drainage and maintenance. | \$0 | \$0 | \$905 | \$905 | \$2,715 | \$3,620 |
| Lakeview Road Improvements | CO-P15 | Major road rehab, add left turn pocket at College Road, intersection improvements at Carlton Rd. Also add bike lanes, new transit facilities, landscaping. Drainage improvements, merge lanes, and intersection improvements may also be needed. | \$0 | \$0 | \$0 | \$0 | \$1,240 | \$1,240 |
| Larkin Valley Rd Improvements (San Andreas Rd to Buena Vista Dr) | CO-P30i | Improvements of roadways and roadsides on various Major Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road and roadsides. | \$0 | \$0 | \$0 | \$0 | \$620 | \$620 |
| Larkspur Bridge @San Lorenzo River | CO-P91 | The project will consist of completely replacing the existing narrow one lane structure and roadway approaches with a two lane bridge and standard bridge approaches. | \$0 | \$0 | \$3,930 | \$3,930 | \$0 | \$3,930 |
| Laurel Glen Rd Improvements (Soquel-San Jose Rd to Mt. View/Rodeo Gulch Rd) | CO-P30j | Improvements of roadways and roadsides on various Major Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road and roadsides. | \$0 | \$0 | \$0 | \$0 | \$1,240 | \$1,240 |
| Ledyard Way Improvements (entire length-Soquel Dr to Soquel Dr) | CO-P31d | Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. | \$0 | \$0 | \$0 | \$0 | \$620 | \$620 |
| Lockhart Gulch Improvements (Scotts Valley City limits to end) | CO-P31e | Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. | \$0 | \$0 | \$0 | \$0 | \$1,240 | \$1,240 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|--|---------|---|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Lockwood Lane Improvements (Graham Hill Rd to SV limits) | CO-P24 | Major road rehab, add bicycle lanes, sidewalks, some transit facilities, landscaping, and intersection improvements. | \$0 | \$243 | \$0 | \$243 | \$638 | \$881 |
| Lompico Rd Bridge Replacement | CO-P95 | The project will consist of replacing existing steel stringer bridge with a reinforced concrete slab bridge | \$0 | \$0 | \$0 | \$0 | \$1,860 | \$1,860 |
| Lompico Rd Improvements (E Zayante Rd. to end) | CO-P30k | Improvements of roadways and roadsides on various Major Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road and roadsides. | \$0 | \$0 | \$0 | \$0 | \$620 | \$620 |
| Maciel Ave Improvements (Capitola Rd to Mattison Ln) | CO-P29e | Improvements of roadways and roadsides on various Minor Collectors including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road. | \$0 | \$400 | \$0 | \$400 | \$1,050 | \$1,450 |
| Main St Improvements (Porter St to Cherryvale Ave) | CO-P27e | Roadway and roadside improvements on Major Collector including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement. | \$0 | \$1,360 | \$400 | \$1,760 | \$0 | \$1,760 |
| Manfre Rd Improvements (entire length-Larkin Valley Rd to Buena Vista Dr) | CO-P33e | Roadway and roadside improvements on various Minor Collectors including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road. | \$0 | \$0 | \$0 | \$0 | \$620 | \$620 |
| Mar Monte Ave Improvements (San Andreas Rd to State Hwy 1) | CO-P30l | Improvements of roadways and roadsides on various Major Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road and roadsides. | \$0 | \$0 | \$0 | \$0 | \$620 | \$620 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|--|-----------|---|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Mar Vista Dr Improvements (entire length-just before Seacliff Dr to Soquel Dr) | CO-P33f | Roadway and roadside improvements on various Minor Collectors including addition of bike lanes, buffered sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road. | \$0 | \$0 | \$0 | \$0 | \$300 | \$300 |
| Mattison Ln Improvements (Chanticleer Ave to Soquel Ave) | CO-P26p | Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements. | \$0 | \$400 | \$0 | \$400 | \$1,050 | \$1,450 |
| MBSST Rail Trail: 17th Ave-Jade St Park & Monterey Ave to Aptos Crk Road | TRL 10-11 | Bicycle/pedestrian pathway parallel to railroad tracks through sections of Live Oak, Capitola, and Aptos. Segments 10 & 11 of Monterey Bay Sanctuary Scenic Trail Network (MBSST)/Coastal Rail Trail. | \$4,000 | \$62,000 | \$0 | \$66,000 | \$0 | \$66,000 |
| McGregor Dr Improvements (Capitola city limits to Searidge Rd) | CO-P33g | Roadway and roadside improvements on various Minor Collectors including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road. | \$0 | \$0 | \$0 | \$0 | \$1,240 | \$1,240 |
| Mesa Dr Improvements (Vienna Drive to Ledyard Way) | CO-P31f | Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. | \$0 | \$0 | \$0 | \$0 | \$1,240 | \$1,240 |
| Mill St Improvements (entire length) | CO-P27f | Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement. | \$0 | \$280 | \$80 | \$360 | \$0 | \$360 |
| Mountain View Rd Improvements (Branciforte Dr to Rodeo Gulch Rd) | CO-P27g | Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement. | \$0 | \$0 | \$0 | \$0 | \$1,240 | \$1,240 |
| Mt. Hermon Rd. Improvements (Lockhart Gulch to Graham Hill Rd) | CO-P26q | Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements. | \$0 | \$0 | \$825 | \$825 | \$2,175 | \$3,000 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|---|---------|--|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Murphy Crossing Improvements | CO-P39 | Bikeway on Murphy Crossing (Hwy 129 to Monterey Co line), major rehabilitation and maintenance of road, drainage improvements may also be needed. | \$0 | \$0 | \$0 | \$0 | \$1,240 | \$1,240 |
| Opal Cliff Dr Improvements (41st Av to Capitola City Limits) | CO-P31g | Roadway, roadside and intersection improvements including sidewalks, bike treatments (such as buffered and/or painted bike lanes), designed to accommodate the number of users and link to East Cliff Drive. | \$0 | \$0 | \$290 | \$290 | \$950 | \$1,240 |
| Pajaro River Bike Path System | CO-P38 | Construction of a Class 1 bike path along the levees and a Class 2 bikeway on Thurwatcher Road and Beach Road. | \$0 | \$2,000 | \$500 | \$2,500 | \$7,000 | \$9,500 |
| Pajaro River Flood Risk Management Project | CO-P106 | 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 primarily funded by State and Federal water and U.S. Army Corps of Engineers grants, which are not part of the RTP Financial Element] | \$0 | \$1 | \$0 | \$1 | \$0 | \$1 |
| Paul Minnie Ave. Improvements (Rodriguez St to Soquel Ave) | CO-P29f | Improvements of roadways and roadsides on various Minor Collectors including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road. | \$0 | \$340 | \$0 | \$340 | \$900 | \$1,240 |
| Paul Sweet Road Improvements (Soquel Dr to end) | CO-P22 | Major road rehab and maintenance. Also adds bike lanes, sidewalks, landscaping. Drainage improvements, merge lanes, and intersection improvements, and new transit facilities may also be needed. | \$0 | \$0 | \$310 | \$310 | \$930 | \$1,240 |
| Paulsen Rd Improvements (Green Valley Rd to Whiting Rd) | CO-P27h | Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement. | \$0 | \$0 | \$240 | \$240 | \$1,000 | \$1,240 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|--|---------|--|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Pine Flat Rd Improvements (Bonny Doon Rd to Empire Grade Rd) | CO-P28f | Roadway and roadside improvements on various Minor Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road. | \$0 | \$0 | \$655 | \$655 | \$1,725 | \$2,380 |
| Pinehurst Dr Improvements (entire length) | CO-P27i | Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement. | \$0 | \$0 | \$180 | \$180 | \$700 | \$880 |
| Pioneer Rd Improvements (Amesti Rd to Green Valley Rd) | CO-P31h | Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. | \$0 | \$0 | \$0 | \$0 | \$880 | \$880 |
| Pleasant Way Bridge Replacement | CO-P99 | The project will consist of completely replacing the existing narrow one lane structure and roadway approaches with a two lane clear span concrete bridge and standard bridge approaches. | \$0 | \$0 | \$0 | \$0 | \$3,740 | \$3,740 |
| Polo Dr Improvements (Soquel Dr to end) | CO-P29g | Improvements of roadways and roadsides on various Minor Collectors including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road. | \$0 | \$0 | \$0 | \$0 | \$1,450 | \$1,450 |
| Porter St Improvements (Soquel Dr to Paper Mill Rd) | CO-P26r | Roadway and roadside improvements including buffered sidewalks and bicycle treatments (such as buffered and/or painted bike lanes, bike boxes, bike signals) to address speed inconsistency between bicyclists and vehicles, transit turnouts, left turn pockets, merge lanes and intersection improvements. | \$0 | \$340 | \$0 | \$340 | \$900 | \$1,240 |
| Quail Hollow Rd Bridge Replacement Project | CO-P82 | The project will consist of completely replacing the existing two lane structure and roadway approaches with a two lane clear span concrete bridge and standard bridge approaches. | \$0 | \$0 | \$0 | \$0 | \$2,430 | \$2,430 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|---|---------|--|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Quail Hollow Rd Improvements (entire length- East Zayante to Glen Arbor Rd) | CO-P32f | Road rehab and maint. Roadside improvements--left lane pockets, sidewalks, bike lanes and transit turnouts. | \$0 | \$0 | \$0 | \$0 | \$830 | \$830 |
| Rancho Rio Ave @ Newell Creek Bridge Replacement Project | CO-P87 | The project will consist of completely replacing the existing one lane structure and roadway approaches with a two lane clear span concrete slab bridge and standard bridge approaches. | \$0 | \$0 | \$0 | \$0 | \$1,730 | \$1,730 |
| Redwood Lodge Rd (Entire Length) | CO-P51 | Roadway and roadside improvements including curb, gutter, sidewalk, bike lanes, left turn lanes, intersection improvements and roadway rehabilitation. | \$0 | \$0 | \$0 | \$0 | \$3,100 | \$3,100 |
| Rio Del Mar Blvd Improvements (Esplanade to Soquel Dr) | CO-P30n | Improvements of roadways and roadsides on various Major Arterials including addition of bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road and roadsides. | \$0 | \$725 | \$0 | \$725 | \$2,275 | \$3,000 |
| Rodeo Gulch Rd Improvements (So & North: Mt. View/Laurel Glen Rd to Hwy 1) | CO-P31i | Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. | \$0 | \$0 | \$0 | \$0 | \$1,760 | \$1,760 |
| Roland Dr Improvements (30th to 35th) | CO-P31j | Roadway and roadside improvements and implementation of greenway, which gives priority to bicycles and pedestrians on low volume, low speed streets including, pedestrian facilities, way finding and pavement markings, bicycle treatments to connect to new bike/ped connection to 41st. | \$0 | \$0 | \$0 | \$0 | \$880 | \$880 |
| San Andreas Road Resurfacing | CO 91 | Pavement maintenance of approximately 3.01 miles of San Andreas Rd, from 365' S/O Manresa State Beach to Sunset Beach 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. | \$1,863 | \$0 | \$0 | \$1,863 | \$0 | \$1,863 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|--|---------|---|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| San Lorenzo River Valley Trail | CO-P46 | 15 mile, paved multi-use path for bicyclists and pedestrians from Boulder Creek to Santa Cruz along SLV River corridor. | \$0 | \$0 | \$0 | \$0 | \$40,000 | \$40,000 |
| San Lorenzo Way Bridge Replacement Project | CO-P83 | The project will consist of completely replacing the existing one lane structure and roadway approaches with a two lane clear span bridge and standard bridge approaches. | \$0 | \$0 | \$3,190 | \$3,190 | \$0 | \$3,190 |
| Seacliff Dr Improvements (entire length) | CO-P27j | Roadway and roadside improvements on various Major Collectors including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvement. | \$0 | \$0 | \$0 | \$0 | \$1,760 | \$1,760 |
| Seacliff Village/State Park Drive Improvements | CO 36 | Construct sidewalks, bike lanes, bus turnouts/stops, central plaza, street lighting, EV charging station, parking, landscaping, drainage and roadway overlay in Seacliff core area- consistent with the Seacliff Village Plan adopted by the BOS in 2003. | \$0 | \$3,096 | \$0 | \$3,096 | \$0 | \$3,096 |
| Seascape Blvd Improvements (Sumner Ave to San Andreas Rd) | CO-P26s | Roadway improvements and pavement rehabilitation. | \$0 | \$170 | \$0 | \$170 | \$450 | \$620 |
| Sims Road Improvements (Graham Hill Rd to La Madrona Dr) | CO-P17 | Road rehab and maintenance, drainage, intersection improvements, landscaping, add bike, ped, and transit facilities. | \$0 | \$0 | \$440 | \$440 | \$1,320 | \$1,760 |
| Smith Grade Improvements (entire length-Empire Grade to Bonny Doon Rd) | CO-P32g | Road rehab and maint. Roadside improvements--left lane pockets, sidewalks, bike lanes and transit turnouts. | \$0 | \$0 | \$0 | \$0 | \$2,380 | \$2,380 |
| Soquel Ave Improvements (City of SC to Gross Rd) | CO-P18 | Transit turnouts, two way left turn lanes from Chanticleer to Mattison, merge lanes, signalization and intersection improvements. Signals at Chanticleer and Gross Rd. Roadwork: major rehabilitation and maintenance, perhaps drainage improvements. Roadside: sidewalks, landscaping, and new transit facilities. | \$0 | \$2,560 | \$750 | \$3,310 | \$0 | \$3,310 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|--|---------|--|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Soquel Dr Buffered Bike Lane and Congestion Mitigation Project | CO 89 | Adaptive traffic signal control/transit signal priority at all 23 intersections between La Fonda Ave and State Park Dr; Protected bike lanes with striping/bollards for approximately 2.4 miles (4.8 miles bidirectional) and buffered bike lanes with striping for approximately 2.65 miles (5.3 miles bidirectional); 46 green bike boxes at 23 intersections for left turn movements; Pedestrian improvements including: 10 rectangular rapid flashing beacons at midblock crossings; 0.46 miles of new curb, gutter, retaining wall and sidewalk construction; 96 crosswalk upgrades, 12 sidewalk curb extensions; 100 ADA ramps; and reconstruction of 17 driveway and side street connections; Cape seal of pavement for entire project length | \$27,000 | \$0 | \$0 | \$27,000 | \$0 | \$27,000 |
| Soquel Dr Improvements (Soquel Ave to Freedom Blvd) | CO-P19 | Major rehab, merge lanes, intersections improvements, signal coordination, transit turnouts, fill sidewalk and bike facility gaps, some landscaping. Additional elements shown in CO 89. | \$0 | \$0 | \$0 | \$0 | \$15,000 | \$15,000 |
| Soquel Dr Road Improvements (Robertson St to Daubenbiss) | CO-P62 | Roadway and roadside improvements including curb, gutter, sidewalk, bike treatments (such as buffered and/or painted bike lanes, bike boxes, bike signals), left turn lanes, intersection improvements and roadway rehabilitation. | \$0 | \$410 | \$0 | \$410 | \$0 | \$410 |
| Soquel Dr to 41st Ave Dedicated Right Turn Lane | CO-P104 | Project will add a dedicated right turn lane in the eastbound direction of Soquel Dr to 41st Ave | \$0 | \$0 | \$0 | \$0 | \$550 | \$550 |
| Soquel Dr to Soquel Ave Dedicated Right Turn Lane | CO-P105 | Project will add a dedicated right turn lane in the eastbound direction of Soquel Dr to Soquel Ave | \$0 | \$0 | \$0 | \$0 | \$550 | \$550 |
| Soquel Dr Traffic Signal and Left Turn Lane (Robertson St) | CO-P58 | Install left turn lane at signalized intersection from Soquel Dr to Robertson St and associated roadside improvements | \$0 | \$0 | \$0 | \$0 | \$1,000 | \$1,000 |
| Soquel Dr. Reversible Lane (Flex Lane) Feasibility Study | CO-P107 | Feasiblity study to install reversible/flex lanes on Soquel Dr. The project aims to reduce trip delays, congestion and air quality. | \$0 | \$0 | \$0 | \$0 | \$50 | \$50 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|--|---------|--|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Soquel San Jose Rd/ Porter St - Road Resurfacing & Multimodal Improvements | CO 92 | 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. | \$1,643 | \$0 | \$0 | \$1,643 | \$0 | \$1,643 |
| Soquel-San Jose Rd Improvements (Paper Mill Rd to Summit Rd) | CO-P36 | Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements. | \$0 | \$500 | \$80 | \$580 | \$2,000 | \$2,580 |
| Soquel-Wharf Rd Improvements (Robertson St to Porter St) | CO-P28g | Roadway and roadside improvements on various Minor Arterials including addition of bike treatments (such as buffered and/or painted bike lanes, bike boxes, bike signals), transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road. | \$0 | \$0 | \$515 | \$515 | \$515 | \$1,030 |
| Spreckels Dr Improvements (Soquel Dr to Aptos Beach Dr) | CO-P27k | Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement. Also includes improvements to pedestrian facilities. | \$0 | \$0 | \$340 | \$340 | \$900 | \$1,240 |
| Spreckels Dr/Treasure Island Dr Improvements | CO-P42 | Addition of bike lanes, intersection improvements, major road rehabilitation, road maintenance, and possible drainage improvements. | \$0 | \$0 | \$0 | \$0 | \$620 | \$620 |
| State Park Drive Improvements Phase 2 | CO-P20 | Transit turnouts, two way left turn, merge lanes, intersection improvements, and fill gaps in bike and ped facilities including pedestrian crossing improvements, bike treatments (such as buffered and/or painted bike lanes, bike boxes, bike signals). Plus, major rehabilitation and maintenance, drainage improvements, landscaping. | \$0 | \$0 | \$335 | \$335 | \$1,005 | \$1,340 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | | Unconstrained Costs | Est. Total Cost |
|--|---------|--|-------------------------------|------------------------|------------------------|----------------------|---------------------|-----------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | Total Constrained | | |
| Summit Rd Improvements | CO-P26u | Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements. | \$0 | \$0 | \$1,530 | \$1,530 | \$4,050 | \$5,580 |
| Sumner Ave Improvements (entire length-Rio Del Mar Blvd to end [just past via Novella]) | CO-P32h | Road rehab and maint. Roadside improvements--left lane pockets, sidewalks, bike lanes and transit turnouts. | \$0 | \$0 | \$0 | \$0 | \$1,450 | \$1,450 |
| Swanton Rd Bridge Replacement | CO-P94 | The project will consist of replacing existing 3 span steel girder bridge with a single span concrete box girder bridge | \$0 | \$0 | \$0 | \$0 | \$2,540 | \$2,540 |
| Thompson Ave Improvements (entire length-Capitola Rd to end) | CO-P33h | Roadway and roadside improvements including major rehabilitation and maintenance of road and includes implementation of greenway, which gives priority to bicycles and pedestrians on low volume, low speed streets including, pedestrian facilities, way finding and pavement markings, bicycle treatments to connect to MBSST. | \$0 | \$0 | \$0 | \$0 | \$1,240 | \$1,240 |
| Thurber Ln Improvements (entire length) | CO-P28h | Roadway and roadside improvements on various Minor Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road. | \$0 | \$0 | \$485 | \$485 | \$1,275 | \$1,760 |
| Thurwachter Road Bike Lanes | CO-P68 | Install bicycle lanes. | \$0 | \$0 | \$0 | \$0 | \$50 | \$50 |
| Trout Gulch Rd Improvements (Soquel Dr. to end) | CO-P30p | Improvements of roadways and roadsides on various Major Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road and roadsides. | \$0 | \$0 | \$0 | \$0 | \$3,000 | \$3,000 |
| Two Bar Road Bridge Rehabilitation | CO-P101 | The project will consist of rehabilitating the existing narrow one lane structure and roadway approaches by widening to two lanes with shoulders and standard bridge approaches. | \$0 | \$0 | \$0 | \$0 | \$1,696 | \$1,696 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|--|---------|---|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Upper Zayante Rd Improvements | CO-P98 | Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements. | \$0 | \$0 | \$0 | \$0 | \$1,500 | \$1,500 |
| Valencia Rd Improvements (Trout Gulch Rd to Valencia School Rd) | CO-P32j | Road rehab and maint. Roadside improvements--left lane pockets, sidewalks, bike lanes and transit turnouts. | \$0 | \$0 | \$0 | \$0 | \$1,760 | \$1,760 |
| Varni Rd Improvements (Corralitos Rd to Amesti Rd) | CO-P28i | Roadway and roadside improvements on various Minor Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road. | \$0 | \$0 | \$340 | \$340 | \$900 | \$1,240 |
| Vine Hill Rd Improvements (Branciforte/Mt. View Rd to State Hwy 17) | CO-P30q | Improvements of roadways and roadsides on various Major Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road and roadsides. | \$0 | \$0 | \$0 | \$0 | \$1,450 | \$1,450 |
| Wallace Ave Improvements (entire length-Huntington Dr to end) | CO-P33i | Roadway and roadside improvements on various Minor Collectors including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road. | \$0 | \$0 | \$0 | \$0 | \$880 | \$880 |
| Webster St Improvements (Jose Ave to 16th St) | CO-P29h | Improvements of roadways and roadsides on various Minor Collectors including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road. | \$0 | \$0 | \$0 | \$0 | \$1,240 | \$1,240 |
| Winkle Ave Improvements (entire length from Soquel Dr) | CO-P27I | Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement. | \$0 | \$0 | \$655 | \$655 | \$1,725 | \$2,380 |
| County of Santa Cruz Total Cost | | | \$72,378 | \$231,765 | \$356,173 | \$660,316 | \$408,156 | \$1,068,472 |

| | | | Financially Constrained Costs | | | | | |
|--|---------|---|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| Project Title | ID | Project Description/Scope | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | Total Constrained | Unconstrained Costs | Est. Total Cost |
| Ecology Action | | | | | | | | |
| Bike Challenge + | EA 03a | Online tracking and encouragement platform to encourage and reward people to bike commute more often. Twice-a-year monthly bike challenge, year-round encouragement tools, bike commuter workshops, marketing, group rides, and data/survey collection. | \$0 | \$0 | \$181 | \$181 | \$3,500 | \$3,681 |
| Bike To Work/School Program | RTC 26 | Countywide education, promotion, and incentive program to actively encourage bicycle commuting and biking to school. Coordinates efforts with local businesses, schools, and community organizations to promote bicycling on a regular basis. Provides referrals to community resources. Avg annual cost: \$140K/yr-includes in-kind donations and staff time. | \$180 | \$1,300 | \$390 | \$1,870 | \$2,000 | \$3,870 |
| Ecology Action Transportation Employer Membership Program | RTC 17 | Community organization that promotes alternative commute choices. Work with employers, incentives for travelers to get out of SOVs including: emergency ride home, interest-free bike loans, discounted bus passes. Avg cost: \$90K/yr. Coordinates with Bike to Work program. | \$90 | \$585 | \$450 | \$1,125 | \$1,375 | \$2,500 |
| Monterey Bay Electric Vehicle Alliance (MBEVA) | VAR-P22 | Help facilitate this broad collaboration of PEV advocates, businesses, union labor, manufacturers and public agencies to assist the adoption of PEV's in the Monterey Bay region. EV Equity education and EV buying assistance for low and moderate income consumers. MBEVA's main goals are to: create PEV infrastructure in this region, educate the public on the benefits of PEV's, educate gov't agencies on ways to streamline PEV policy, permitting, and implementation, and help train workforce for PEV related jobs. | \$0 | \$0 | \$0 | \$0 | \$2,500 | \$2,500 |
| SRTS Youth Pedestrian and Bicycle Safety Education (BikeSmart and WalkSmart) | EA 02 | 'Feet on the ground' pedestrian safety education to 2nd graders and bike safety education and 'rodeos' with 5th graders at schools countywide. | \$60 | \$300 | \$90 | \$450 | \$7,920 | \$8,370 |
| Ecology Action Total Cost | | | \$330 | \$2,185 | \$1,111 | \$3,626 | \$17,295 | \$20,921 |

| | | | Financially Constrained Costs | | | | | |
|---|--------|--|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| Project Title | ID | Project Description/Scope | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | Total Constrained | Unconstrained Costs | Est. Total Cost |
| Highway | | | | | | | | |
| Hwy 1 Ramp Metering: Southern Sections | CT-P01 | Reconfigurations of ramps and installation of ramp meters at interchanges from Hwy 129/Riverside Dr to Mar Monte Ave. Could be implemented as local lead project. | \$0 | \$0 | \$0 | \$0 | \$20,600 | \$20,600 |
| Hwy 17 Access Management - Laurel Rd/Sugarloaf Rd/Glenwood Cutoff Area Grade Separation Concept | CT-P52 | New structure providing grade-separation to facilitate crossing and turnaround. | \$0 | \$0 | \$0 | \$0 | \$40,000 | \$40,000 |
| Hwy 17 Access Management - Multimodal Improvements | CT-P50 | Multimodal improvements including park and ride improvements, and facilities serving separated bike/ped crossing or express transit route. | \$0 | \$0 | \$5,000 | \$5,000 | \$15,000 | \$20,000 |
| Hwy 17 Access Management - Old Santa Cruz Hwy Area Grade Separation Concept | CT-P53 | New structure providing grade-separation to facilitate crossing and turnaround. | \$0 | \$0 | \$0 | \$0 | \$40,000 | \$40,000 |
| Hwy 17 Access Management - Operational Improvements | CT-P49 | Operational improvements to existing facilities including ramp modifications, accel/decel lanes, turning lanes, driveway consolidation, driveway channelization, etc. | \$0 | \$10,000 | \$0 | \$10,000 | \$40,000 | \$50,000 |
| Hwy 17 Access Management - Vine Hill Area Grade Separation Concept | CT-P51 | New structure providing grade-separation to facilitate crossing and turnaround. | \$0 | \$0 | \$0 | \$0 | \$40,000 | \$40,000 |
| Hwy 9 SLV Corridor Projects | CT-P09 | May be implemented by Caltrans or County of SC, in partnership with others. Implementation of priorities identified in the Complete Streets Corridor Plan. Includes improvements to increase safety and discourage speeding, updated and expanded bicycle and pedestrian facilities including shoulder widening, auto turn lanes and other auto circulation improvements, and transit improvements in SLV. SLV Complete Streets PID development efforts underway; some may be integrated into SHOPP projects. Capital Cost Est. TBD - preliminary estimate \$100-150 million. \$10M Measure D. Some bike/ped elements also shown in CO-P46a/b. | \$2,500 | \$15,000 | \$12,500 | \$30,000 | \$100,000 | \$130,000 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|--|---------|--|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Scotts Creek Coastal Resiliency Project | CT 34 | The Scotts Creek Coastal Resiliency Project will replace the Highway 1 bridge over the Scotts Creek Watershed and restore the ecosystem to maximize the climate change resilience of the bridge and ecological function of Scotts Creek marsh and lagoon ecosystem. EA 05-1M720 Replacement of bridge, road fill removal, and associated infrastructure to re-establish marsh/estuarine system currently restricted by Highway 1, benefiting multiple threatened and endangered species and resulting in a more resilient ecosystem and transportation corridor. Anticipated to be funded in-part by environmental resource/water grants. Partnership with Caltrans, CDF&W, RTC, RCD, Coastal Conservancy, and others. | \$3,530 | \$0 | \$0 | \$3,530 | \$96,470 | \$100,000 |
| SLV Schools Complex Circulation and Access Study | VAR 09s | Gather data, preliminary engineering, traffic analysis, and feasibility and needs assessment for Hwy 9 in Felton and within the SLV Schools Complex (SLV High, Middle, and Elementary Schools). Includes bicycle and walking facilities providing access to SLV Schools Complex from Felton neighborhoods and Glen Arbor Rd. | \$250 | \$0 | \$0 | \$250 | \$0 | \$250 |
| Highway Total Cost | | | \$6,280 | \$25,000 | \$17,500 | \$48,780 | \$392,070 | \$440,850 |

SCCRTC

| | | | | | | | | |
|--|---------|---|------|---------|-------|----------------|-----------------|------------------|
| Santa Cruz Branch Rail Line Trestle Reconstruction and San Vicente Restoration | RTC-P61 | 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 | \$0 | \$3,500 | \$0 | \$3,500 | \$96,500 | \$100,000 |
| Bike Parking Subsidy Program | RTC 16 | Subsidies for bicycle racks and lockers for businesses, schools, government agencies, and non-profit organizations are all eligible. Recipients are responsible for installation and maintenance of the equipment. Avg annual cost: \$25K/yr. | \$48 | \$96 | \$96 | \$240 | \$390 | \$630 |
| County-wide Bicycle, Pedestrian and Vehicle Occupancy Counts | RTC-P50 | Conduct counts to assess mode split over time and assess impact of new facilities. | \$30 | \$150 | \$150 | \$330 | \$200 | \$530 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | | Unconstrained Costs | Est. Total Cost |
|---|---------|--|-------------------------------|------------------------|------------------------|----------------------|---------------------|-----------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | Total Constrained | | |
| Cruz511 TDM and Traveler Information | RTC 02a | Transportation demand management including centralized traveler information system and ride matching services. Outreach, education and incentives; multimodal traveler information system on traffic conditions, incidents, road and lane closures; ride matching service for carpools, vanpools, and bicyclists; services and information about availability and benefits of all transportation modes, including sharing rides, transit, walking, bicycling, telecommuting, alternative work schedules, alternative fuel vehicles, and park-n-ride lots. Avg annual cost: \$315k. | \$347 | \$2,254 | \$1,734 | \$4,334 | \$3,540 | \$7,874 |
| Freeway Service Patrol (FSP) on Hwy 1 and Hwy 17 | RTC 01 | Ongoing system management and congestion reduction program. Maintain and expand tow truck patrols on Highways 1 and 17. Roving tow trucks work with the CHP to quickly remove obstructions (collisions, debris, etc) from travel lanes, and provide assistance to motorists during peak travel periods to keep incident related congestion to a minimum and keep traffic moving. Avg need: \$300k/yr constrained (some from SB1); \$430k/yr total cost. | \$600 | \$3,900 | \$3,000 | \$7,500 | \$3,250 | \$10,750 |
| MBSST - North Coast Rail Trail: Segment 5 Phase 1 | TRL 5a | Monterey Bay Sanctuary Scenic Trail Network (MBSST) - ph. 1 Wilder Ranch-Coast Dairies (5.4 mi) | \$0 | \$13,500 | \$0 | \$13,500 | \$0 | \$13,500 |
| MBSST - North Coast Rail Trail: Segment 5 Phase 2 | TRL 5b | 2.1 miles of Class 1, 8 to 12 foot wide multi-use bicycle/pedestrian paved path with decomposed granite shoulders within the rail line right of way along the north coast of Santa Cruz County from Yellowbank Beach to Davenport. Project also includes Davenport crosswalk at Hwy 1/Ocean St and preliminary engineering and environmental compliance for parking lots at Yellowbank Beach and Davenport Beach and a path from the Bonny Doon parking lot to the rail trail. | \$0 | \$8,700 | \$0 | \$8,700 | \$0 | \$8,700 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | | Unconstrained Costs | Est. Total Cost |
|---|---------|---|-------------------------------|------------------------|------------------------|----------------------|---------------------|------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | Total Constrained | | |
| Measure D Administration and Implementation | RTC-P59 | SCCRTC administration, implementation and oversight of Measure D and the revenues generated from the 2016 Santa Cruz County Transportation Sales Tax - Measure D. Costs include annual independent fiscal audits, reports to the public, preparation and implementation of state-mandated reports, oversight committee, preparation of implementation, funding and financing plans, and other responsibilities as may be necessary to administer, implement and oversee the Ordinance and the Expenditure Plan. | \$1,150 | \$7,475 | \$5,750 | \$14,375 | \$0 | \$14,375 |
| Monterey Bay Sanctuary Scenic Trail Network (Coastal Rail Trail) - Trail Management Program | RTC 27c | Coordinate trail implementation as it traverses multiple jurisdictions to ensure uniformity; serve as Project Manager for construction of some segments; handle environmental clearance; coordinate use in respect to other requirements (closures for ag spraying, etc); solicit ongoing funding and distribute funds to implementing entities through MOUs; coordinate with community initiatives; etc. (est. \$435k/yr) | \$2,200 | \$4,350 | \$1,000 | \$7,550 | \$0 | \$7,550 |
| Monterey Bay Sanctuary Scenic Trail Network - Design, Environmental Clearance, and Construction | RTC 27a | Design, environmental clearance and construction of balance of the 32-mile rail component of the 50+ mile network of bicycle and pedestrian facilities on or near the coast, with the rail trail as the spine and additional spur trails to connect to key destinations. (Funded segments listed individually under each implementing agency.) | \$9,680 | \$48,400 | \$62,920 | \$121,000 | \$121,000 | \$242,000 |
| Monterey Bay Sanctuary Scenic Trail Network (Coastal Rail Trail) - Maintenance & Operations | RTC 27b | Ongoing maintenance rail trail corridor. Includes clean-up, trash/recycling removal, graffiti abatement, brush clearance, surface repairs (from drainage issues, tree root intrusion) etc. and encroachments (est. \$1M/yr) | \$5,000 | \$10,000 | \$10,000 | \$25,000 | \$0 | \$25,000 |
| Performance Monitoring | RTC-P51 | Transportation data collection and compilation to monitor performance of transportation system to advance goals/targets. Includes travel surveys of commuters, Transportation Demand Management plan, a low-stress bicycle network plan and parking standards plan. | \$20 | \$100 | \$100 | \$220 | \$1,655 | \$1,875 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | | Unconstrained Costs | Est. Total Cost |
|---|---------|--|-------------------------------|---------------------|---------------------|-------------------|---------------------|-----------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | Total Constrained | | |
| Planning, Programming & Monitoring (PPM) - SB45 | RTC 04 | Development and amendments to state and federally mandated planning and programming documents, monitoring of programmed projects. Avg annual cost: \$250k/yr. | \$400 | \$2,600 | \$2,000 | \$5,000 | \$1,250 | \$6,250 |
| Public Transit on Watsonville-Santa Cruz Rail Corridor | RTC-P02 | Design, construction, and operation of public transit between Santa Cruz and Watsonville in the rail corridor. May be a joint project with the SCCRTC, SCMTD, and local jurisdictions. Annual op cost est: \$25M/yr; Capital: \$475M (Total cost reflects 2021 TCAA est. for rail). Pending final outcome of Transit Corridor Alternatives Analysis and environmental review. Cost shown includes 15 years of service during RTP period; Constrained=environmental/prelim. design assessment of possible future public transit system in the rail corridor right-of-way. | \$3,333 | \$21,667 | \$0 | \$25,000 | \$825,000 | \$850,000 |
| Rail Line Repairs and Bridge Rehabilitation | RTC 03a | Infrastructure preservation for current uses and future transportation purposes. Includes railroad bridge rehabilitation and and 2017 storm damage repairs. | \$5,800 | \$0 | \$0 | \$5,800 | \$59,200 | \$65,000 |
| Rail Line: Freight Service Upgrades | RTC-P41 | Upgrade rail line to FRA Class 2 to a condition for reasonable ongoing maintenance into the future. Upgrade crossings, replace jointed rail with continuously welded rail, upgrade signals, and replace ties. | \$0 | \$0 | \$0 | \$0 | \$25,000 | \$25,000 |
| Rail Line: Pajaro River Railroad Bridge Rehabilitation | RTC 03e | Rehabilitate the bridge structure over Pajaro River. | \$670 | \$0 | \$0 | \$670 | \$0 | \$670 |
| Rail Line: Track infrastructure, signage, maintenance and repairs | RTC 03b | Ongoing operating, maintenance, repair, rehabilitation, and oversight of railroad track infrastructure and signage (~\$175k/year) | \$350 | \$2,275 | \$1,750 | \$4,375 | \$0 | \$4,375 |
| Railroad Bridge Inspections & Analysis | RTC 03d | Railroad Bridges are required to be inspected and load rated every 540 days per Federal Railroad Administration (FRA) requirements | \$500 | \$3,250 | \$2,500 | \$6,250 | \$0 | \$6,250 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|---|---------|--|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Recreational Rail Infrastructure | RTC 25 | Seasonal passenger rail service on Santa Cruz Branch rail line. Infrastructure needed for the service is listed here (e.g. platforms, sidings, pedestrian & disabled access, rail vehicles). Unsubsidized operations will be provided by a private operator and operating costs are therefore not included here. All costs are estimated. | \$0 | \$0 | \$0 | \$0 | \$5,340 | \$5,340 |
| Regional State Transit Assistance Projects | RTC-P60 | State Transit Assistance (STA) eligible transit projects | \$3,020 | \$22,650 | \$7,550 | \$33,220 | \$0 | \$33,220 |
| RTC Bikeway Map | RTC-P49 | Update, print and distribute free SC County Bikeway Map and update GIS files as needed. | \$0 | \$250 | \$70 | \$320 | \$0 | \$320 |
| SAFE: Call Box System Along Hwys | RTC-P01 | Motorist aid system of telephone call boxes along all highways plus maintenance and upgrades. Call boxes may be used to request assistance or report incidents. Avg annual cost: \$245k/yr | \$490 | \$3,185 | \$2,450 | \$6,125 | \$0 | \$6,125 |
| SCCRTC Administration (TDA) | RTC-P07 | SCCRTC as Regional Transportation Planning Agency for Santa Cruz County distributes Transportation Development Act Local Transportation Funds and State Assistance Funds for planning, transit, bicycle facilities and programs, pedestrian facilities and programs and specialized transportation in accordance with state law and the unmet transit needs process. Average annual cost: \$650K/yr. | \$1,300 | \$8,450 | \$6,500 | \$16,250 | \$0 | \$16,250 |
| SCCRTC Planning | RTC-P08 | SCCRTC Planning Tasks. Includes public outreach, long and short range planning, interagency coordination. Avg annual cost: \$625k/yr. | \$1,250 | \$8,125 | \$6,250 | \$15,625 | \$0 | \$15,625 |
| Transportation Demand Management Ordinance and User Guide | RTC-P56 | Develop Model TDM Ordinance and User Guide to include provisions for both residential and non-residential projects and address program and facilities improvements in return for reductions in off-street parking requirements. | \$0 | \$0 | \$0 | \$0 | \$260 | \$260 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|--|--------|---|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Vanpool Incentive Program | RTC 15 | Assist in start up and retention of vanpools. Includes financial incentives: new rider subsidies, driver bonuses, and empty seat subsidies. Also may include installation of wifi on vans. Avg Annual Cost: \$25k/yr. | \$0 | \$70 | \$30 | \$100 | \$570 | \$670 |
| Yellowbank/Panther Beach parking lot bicycle/pedestrian overcrossing | TRL 5c | Construction of a bicycle and pedestrian crossing of the rail line and Hwy 1 to provide access to the North Coast Rail Trail (NCRT) at formalized Yellowbank/Panther Beach with connections to Cotoni Coast Diaries. | \$0 | \$0 | \$0 | \$0 | \$2,000 | \$2,000 |
| SCCRTC Total Cost | | | \$36,188 | \$174,946 | \$113,850 | \$324,984 | \$1,145,155 | \$1,470,139 |

SCCRTC/Caltrans

| | | | | | | | | |
|--|---------|--|----------|----------|-----|----------|-----|----------|
| 1 - Hwy 1 Corridor Investment Program | RTC 24a | Tier 1 – program level design/environmental analysis to establish a Corridor Investment Program (CIP) to reduce congestion along the 9 mile section of Highway 1 between San Andreas Rd/Larkin Valley Rd (Aptos) and Morrissey Boulevard (Santa Cruz). [Other RTC24_ projects are increments of the Highway 1 CIP.] Caltrans Project ID 05-0C730 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| 2 - Hwy 1 Auxiliary Lanes & Bus on Shoulders: 41st Ave to Soquel Ave & Chanticleer Bike/Ped Bridge | RTC 24f | Construct auxiliary lanes, modify shoulders for bus operations, and construct a bicycle/pedestrian overcrossing of Hwy 1 at Chanticleer Ave. (Caltrans Project ID 05-0C732) | \$22,000 | \$10,000 | \$0 | \$32,000 | \$0 | \$32,000 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|---|---------|---|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| 3 - Hwy 1-State Park Dr-Bay/Porter Auxiliary Lanes, Bus on Shoulders, & Mar Vista Bike/Ped Crossing | RTC 24e | Construct approximately 2.5 miles of auxiliary lanes northbound and southbound between State Park Dr and Park Ave interchange (1.2 miles) and the Park Ave and Bay/Porter interchange (0.7 miles); hybrid bus-on-shoulder/auxiliary lane facility between Bay Ave/Porter St and State Park Dr (total distance 3 miles). Includes bicycle/pedestrian overcrossing of Hwy 1 at Mar Vista Dr with sidewalk, ADA ramps, and intersection improvements at bridge approaches; reconstruction of Capitola Avenue overcrossing with wider sidewalks and bike lanes; and emergency pullouts and enforcement areas, sound wall, retaining walls, improved median barrier, lighting, overhead signs, traffic monitoring stations, drainage, and drought tolerant landscaping. [Part of Highway 1 CIP project (RTC 24a)] (EA# 05-1C733) | \$0 | \$90,000 | \$0 | \$90,000 | \$0 | \$90,000 |
| 4 - Hwy 1 Auxiliary Lanes and Bus on Shoulders: Freedom Blvd to State Park Dr | RTC 24g | Construct auxiliary lanes between State Park Dr-Rio Del Mar and Rio Del Mar Blvd - Freedom Blvd interchanges and modify shoulders to allow buses to use shoulders. Includes soundwalls and retaining walls; widening of the bridge over Aptos Creek/Spreckles Drive; Segment 12 of the MBSST (State Park Dr-Rio Del Mar Blvd/Sumner); and reconstruction of two railroad bridges over Highway 1, including bike/ped trail. [Part of Highway 1 CIP project (RTC 24a)] (EA# 05-C734) | \$0 | \$102,000 | \$0 | \$102,000 | \$0 | \$102,000 |
| 5 - Hwy 1: Reconstruct Morrissey Blvd Interchange | RTC 24h | Reconstruct Morrissey Blvd overcrossing with enhanced pedestrian and bicycle treatments (such as buffered or painted facilities) on both sides of the overcrossing, and/or a bicycle/pedestrian overcrossing at Trevethan Ave, reconfigure ramps and local streets to accommodate the new interchange, and ramp metering.[Part of Highway 1 CIP project (RTC 24a), but listed here as standalone project.] | \$0 | \$0 | \$0 | \$0 | \$45,800 | \$45,800 |
| 6 - Hwy 1: Reconstruct Soquel Avenue Interchange | RTC 24i | Reconstruct the overcrossing with enhanced pedestrian and bicycle facilities on both sides, reconfigure ramps and local streets to accommodate the new interchange, and ramp metering. [Part of Highway 1 CIP project (RTC 24a), but listed here as standalone project.] | \$0 | \$0 | \$0 | \$0 | \$67,330 | \$67,330 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|--|---------|---|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| 7 - Hwy 1: Reconstruct Bay Ave/Porter St and 41st Avenue Interchange | RTC 24j | Reconstruct highway to operate as a single interchange. Includes construction of a frontage road that includes bike lanes and sidewalks connecting the Bay/Porter and 41st Ave intersections ; reconstruction of the Bay/Porter undercrossing and the 41st Avenue overcrossing with enhanced pedestrian and bicycle treatments on both sides, and reconfiguration of ramps and local streets to accommodate local traffic and ramp metering. [Part of the Highway 1 CIP project (RTC 24a), but is listed here as a standalone project.] | \$4,000 | \$10,000 | \$0 | \$14,000 | \$100,000 | \$114,000 |
| 94 - Hwy 1: Northbound Auxiliary Lane from San Andreas Rd/Larkin Valley Rd to Freedom Blvd | RTC 24r | Construct northbound auxiliary lane. [Note: This project was not included as part of Highway 1 CIP project (RTC 24a).] | \$0 | \$0 | \$10,000 | \$10,000 | \$0 | \$10,000 |
| 95 - Hwy 1: Reconstruct Remaining Interchanges | RTC 24k | Interchange modifications not identified as separate projects (San Andreas Rd/Larkin Valley Rd, Freedom Blvd, Rio Del Mar Blvd, State Park Dr, and Park Ave) , including reconfiguration of ramps and local streets for ramp meters, enhanced pedestrian and bike treatments (such as buffered or painted facilities) in each direction and sufficient width to allow addition of HOV lanes. [Part of the Highway 1 CIP project (RTC 24a), but is listed here as a standalone project.] | \$0 | \$0 | \$0 | \$0 | \$127,200 | \$127,200 |
| 96 - Hwy 1: Construction of HOV Lanes from San Andreas Rd/Larkin Valley Rd to Morrissey Blvd | RTC 24m | Construction of High Occupancy Vehicle (HOV or Carpool) Lanes on Highway 1 from San Andreas Rd/Larkin Valley Rd to Morrissey Blvd. Cost excludes auxiliary lanes, reconstruction of interchanges for ramp metering, over and under crossings, and traffic operation system (TOS) elements on the corridor. [These costs are listed separately (RTC 24 a,e,f,g,h,i,j, m,n,o,p,q,r). Could be expensed under a complete Hwy 1 HOV Lane project (RTC 24, \$603,000) but currently expensed as a standalone project.] | \$0 | \$0 | \$0 | \$0 | \$61,980 | \$61,980 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|--|----------|---|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| 97 - Hwy 1: HOV Lanes from San Andreas Rd/Larkin Valley to Morrissey Blvd | RTC 24z | Construct HOV or Carpool lanes on Highway 1 from San Andreas Rd/Larkin Valley Rd to Morrissey Blvd, including auxiliary lanes, reconstruction of interchanges with enhanced bike and pedestrian facilities, arterial and ramp modifications to allow ramp metering, a new bike/ped crossing at Trevethan, and traffic operation system (TOS) element. [Cost if built in entirety: \$603M. See stand alone projects (RTC24-series) for estimated cost of incremental implementation.] Caltrans Project ID 05-0C730 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Hwy 1 Ramp Metering: Northern Sections Between San Andreas Road and Morrissey Blvd | RTC 34 | Reconfiguration of ramps and local streets to allow for ramp metering and installation of ramp meters. Could be expensed under a separate stand alone project (\$6.7 M) | \$0 | \$1 | \$1 | \$1 | \$0 | \$1 |
| SCCRTC/Caltrans Total Cost | | | \$26,000 | \$212,001 | \$10,001 | \$248,001 | \$402,310 | \$650,311 |
| SCMTD | | | | | | | | |
| South County Zero-Emissions Operating and Maintenance Facility | MTD-P61 | 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 | \$0 | \$0 | \$0 | \$0 | \$50,000 | \$50,000 |
| Account-based Electronic Fare Collection System | MTD 18 | Account-based electronic fare collection system including the ability to use a variety of fare media including smart cards, mobile tickets on smartphones, contactless credit and debit cards, Google Pay and Apple Pay. Replacement of fareboxes at the end of useful life for cash acceptance onboard. Replacement Transit Fareboxes, Ticket Vending Machines or Retail Vendor Network. | \$180 | \$1,170 | \$900 | \$2,250 | \$0 | \$2,250 |
| ADA Access Improvements | MTD-P51 | Add or improve ADA accessibility to all bus stops and METRO facilities. | \$350 | \$0 | \$0 | \$350 | \$3,872 | \$4,222 |
| ADA Paratransit Service - Continuation of Existing Service | MTD-P10C | Operation & maintenance cost of existing Paratransit service. Avg Annual Cost: \$6.5M. | \$13,000 | \$84,500 | \$65,000 | \$162,500 | \$0 | \$162,500 |
| ADA Paratransit Vehicle Replacements | MTD 02 | Replace buses/vans for ADA paratransit fleet (including Accessible Taxi program). | \$420 | \$2,730 | \$2,100 | \$5,250 | \$6,550 | \$11,800 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|-----------------------------------|---------|---|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| ADA Service Expansion | MTD-P11 | Add capacity to meet increased trip demand thru 2045. Assumes 2% increase/year starting in 2022. | \$0 | \$0 | \$0 | \$0 | \$4,040 | \$4,040 |
| Bike Station at Capitola Mall | MTD-P23 | Establish bike station at Capitola Mall, especially to serve UCSC. Would be joint mall, UCSC, METRO project. | \$0 | \$0 | \$0 | \$0 | \$1,030 | \$1,030 |
| Bikes on Buses Expansion | MTD-P20 | Add additional space for bikes on articulated buses when/if METRO purchases or leases 60-ft articulated buses. | \$0 | \$0 | \$0 | \$0 | \$60 | \$60 |
| Bus on Shoulders Operations | MTD-P57 | Operations and transit vehicles to utilize freeway shoulders and/or auxiliary lanes to bypass congestion on Highway 1 and possibly Highway 17 to speed inter-city bus service. | \$0 | \$0 | \$0 | \$0 | \$12,000 | \$12,000 |
| Bus Rapid Transit | MTD-P15 | Transit signal priority, queue jumps, and enhanced stations to speed up major cross-county trunk routes. | \$0 | \$0 | \$0 | \$0 | \$36,500 | \$36,500 |
| Bus Rebuild and Maintenance | MTD-P31 | Rebuild engines; Fleet maintenance equipment. Avg. cost is ~\$250k/bus, increases useful life up to 8 years at 40% of the cost of new buses. | \$480 | \$3,120 | \$2,400 | \$6,000 | \$0 | \$6,000 |
| Bus Replacements | MTD-P04 | Replace fleet at the end of normal bus lifetime (approximately every 12 years; \$700k each for CNG local fixed route; \$900k each for Hwy 17 Over the Road coaches); \$1.25M for ZEB. | \$5,376 | \$34,944 | \$26,880 | \$67,200 | \$63,900 | \$131,100 |
| Bus Stop and Station Improvements | MTD-P52 | Improve customer access and/or amenities at bus stops; add bus stop pads to preserve pavement. | \$0 | \$500 | \$0 | \$500 | \$0 | \$500 |
| Commuter/Subscription Bus Program | MTD-P18 | Capital and operating for subscription buses to areas not currently served by express buses (similar to large vanpool). | \$0 | \$0 | \$0 | \$0 | \$6,500 | \$6,500 |
| Customer IT amenities | MTD-P55 | Upgrade Hwy 17 Wi-Fi and expand to local routes | \$0 | \$0 | \$0 | \$0 | \$1,010 | \$1,010 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|--|----------|---|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Electric bus charging and storage at Judy K. Souza Operations Facility | MTD-P59 | Charging stations, canopies, and battery storage for fleet of up to 100 buses | \$0 | \$0 | \$0 | \$0 | \$27,000 | \$27,000 |
| Electric Non-Fleet Vehicles and Charging Infrastructure | MTD-P47 | Replace non-revenue vehicles to EV. Install Level II chargers. | \$0 | \$0 | \$0 | \$0 | \$5,000 | \$5,000 |
| EV Fast Charging Stations | MTD-P48 | Install 5 electric vehicle charging stations at transit centers. | \$0 | \$0 | \$0 | \$0 | \$1,030 | \$1,030 |
| Hwy 1 Express Buses | MTD-P27 | Hwy 1 express bus replacements - 6 Buses. Replace every 12 years. | \$0 | \$0 | \$0 | \$0 | \$11,700 | \$11,700 |
| Hwy 17 Express Service - Continuation of Baseline Service Levels | MTD-P10B | Operation & maintenance cost of existing Highway 17 Express bus service. Avg annual cost: \$5.3M. | \$10,600 | \$68,900 | \$53,000 | \$132,500 | \$0 | \$132,500 |
| Hwy 17 Express Service Restoration and Expansion | MTD-P12 | Restore Hwy 17 Express service to FY16 levels, then expand service 2% annually. Restore \$353K/yr operating plus 2% annually plus capital costs (2 buses) | \$404 | \$2,626 | \$2,020 | \$5,050 | \$7,600 | \$12,650 |
| Inter-County Paratransit Connection | MTD-P44 | Establish paratransit connection location with Santa Clara County. | \$0 | \$0 | \$0 | \$0 | \$1,300 | \$1,300 |
| ITS Equipment: Automatic Passenger Counter System and Real Time Bus Arrival/Departure Displays | MTD 24 | Install Automatic Passenger Counters on METRO buses. Provide real time bus arrival/departure displays at bus stops. Necessary IT upgrades and data collectionfor system operations, security, planning and maintenance. | \$1,600 | \$0 | \$0 | \$1,600 | \$0 | \$1,600 |
| Local Transit - Continuation of Baseline Service Levels 2020-2045 | MTD-P10 | Operation & maintenance cost of existing local fixed route bus service. Avg annual cost: \$42.1M. | \$86,200 | \$497,809 | \$536,963 | \$1,120,972 | \$0 | \$1,120,972 |
| Local Transit Service Restoration and Expansion | MTD-P14 | Restore local service to FY16 levels, then expand service 2% annually. Restore \$7.0M/yr operating plus 2% annually plus capital costs (16 buses) | \$7,904 | \$51,376 | \$39,520 | \$98,800 | \$139,000 | \$237,800 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | | Unconstrained Costs | Est. Total Cost |
|---|---------|---|-------------------------------|---------------------|---------------------|-------------------|---------------------|-----------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | Total Constrained | | |
| Maintenance Facility Expansion | MTD-P38 | Property acquisition, design, and construction of maintenance facility expansion. | \$0 | \$0 | \$0 | \$0 | \$15,850 | \$15,850 |
| Metro facilities repair/upgrades | MTD-P36 | Maintain and upgrade facilities. | \$1,000 | \$2,500 | \$800 | \$4,300 | \$1,970 | \$6,270 |
| Metro rebranding | MTD-P58 | Develop improved, mobile-friendly website, and marketing program to establish consistent brand with uniform signage, letterhead, ads. | \$0 | \$0 | \$0 | \$0 | \$500 | \$500 |
| Microtransit Pilot Program | MTD-P43 | Pilot project allowing smaller buses or vans to provide on-demand point-to-point trips in areas where all-day fixed-route service is not viable. | \$0 | \$0 | \$0 | \$0 | \$100 | \$100 |
| Non-Revenue Vehicle Replacements | MTD-P32 | Replace support vehicles. | \$80 | \$520 | \$400 | \$1,000 | \$2,000 | \$3,000 |
| Pacific Station- Bike Station | MTD-P49 | Establish bike station at Pacific Station. | \$0 | \$0 | \$0 | \$0 | \$410 | \$410 |
| ParaCruz Mobile Data Terminals; Radios | MTD-P30 | Replace mobile data terminals in vehicles | \$36 | \$273 | \$91 | \$400 | \$360 | \$760 |
| ParaCruz Operating Facility | MTD-P28 | Design, Right-of-Way and construction for new ParaCruz Operating Facility. | \$6,000 | \$6,400 | \$0 | \$12,400 | \$0 | \$12,400 |
| Park and Ride Facilities | MTD-P53 | Fund purchase and construction or lease of parking areas for commuter bus patrons, either surface lot or parking structure. | \$0 | \$0 | \$0 | \$0 | \$29,400 | \$29,400 |
| Real-Time Transit Info | MTD-P60 | Develop and maintain system for disseminating real time transit arrival and departure information to Santa Cruz Metro users. To be developed in coordination with Santa Cruz Metro. | \$20 | \$150 | \$50 | \$220 | \$300 | \$520 |
| Replacement of Watsonville Transit Center | MTD-P56 | Replacement transit center at existing or new location. | \$0 | \$0 | \$0 | \$0 | \$25,000 | \$25,000 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|---|---------|--|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Santa Cruz Metro Center/Pacific Station Renovation | MTD 13 | Renovate Pacific Station or construct new transit center in alternate location as part of development partnership with the City of Santa Cruz. (RTP constrained=transportation elements; costs to be covered by developer not shown) | \$25,000 | \$0 | \$0 | \$25,000 | \$0 | \$25,000 |
| Senior/Disabled/Low-Income Fixed-Route Transit Incentives | MTD-P42 | Incentives to encourage fixed-route bus ridership. Includes existing discounts for Seniors and persons with disabilities. May include free/reduced rates for seniors during off-peak hours, free bus passes to ADA eligible persons, bus pass subsidies for low income riders transportation to employment, and other incentives to encourage use of fixed-route system. | \$0 | \$0 | \$0 | \$0 | \$19,500 | \$19,500 |
| Signal Priority/Pre-Emption for Buses | MTD-P21 | Enable coach operators to actuate traffic signals to prolong green or change red lights to improve transit running time. | \$0 | \$0 | \$0 | \$0 | \$2,070 | \$2,070 |
| Small Bus Fleet | MTD-P24 | Purchase smaller shuttle buses, possibly autonomous, for first mile/last mile connections. Cost currently unknown. | \$0 | \$0 | \$0 | \$0 | \$1,700 | \$1,700 |
| Solar Panels for Souza Operations Facility | MTD-P29 | Energy reduction through installation of solar panels on the Judy K. Souza Operations Facility | \$0 | \$0 | \$0 | \$0 | \$2,000 | \$2,000 |
| South County Operations and Maintenance Facility | MTD-P54 | Acquisition of property and construction of second operations and maintenance facilities to better serve South County. | \$0 | \$0 | \$0 | \$0 | \$50,000 | \$50,000 |
| Transit Mobility Training Program Expansion | MTD-P19 | Expand public outreach and training to encourage fixed route, rather than Paratransit, use. Outreach may also involve other partners (ex. DMV, doctors, senior centers, etc). Avg annual cost: \$80K/yr. | \$160 | \$1,040 | \$800 | \$2,000 | \$0 | \$2,000 |
| Transit Security and Surveillance Systems | MTD-P33 | Enhance passenger safety and facilities security. Emergency response systems. | \$0 | \$0 | \$0 | \$0 | \$1,140 | \$1,140 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|---|---------|---|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Transit System Technology Improvements | MTD-P35 | Hardware and software for essential transit operations and administration: computer servers, networking equipment, telephones, personal computers, digital ID processing equipment, office equipment, and software. Periodic replacement at end of useful life. | \$0 | \$0 | \$0 | \$0 | \$5,000 | \$5,000 |
| Transit Technological Improvements | MTD-P06 | IT software and hardware upgrades for scheduling, customer service, planning systems. Upgrades every 5 years. | \$227 | \$1,705 | \$568 | \$2,500 | \$2,670 | \$5,170 |
| Transit/Paratransit Driver Emergency Training | MTD-P45 | Provide training equipment for drivers on new mobility devices (scooters, motorized wheelchairs) plus emergency training and biohazard container and clean-up kits for vehicles. | \$0 | \$0 | \$0 | \$0 | \$295 | \$295 |
| SCMTD Total Cost | | | \$159,037 | \$760,263 | \$731,492 | \$1,650,792 | \$538,357 | \$2,189,149 |
| Seniors Council | | | | | | | | |
| Senior Employment Ride Reimbursement | RTC-P43 | Reimburse low income seniors for transit expenses to/from employer sites. | \$150 | \$1,100 | \$350 | \$1,600 | \$0 | \$1,600 |
| Seniors Council Total Cost | | | \$150 | \$1,100 | \$350 | \$1,600 | \$0 | \$1,600 |
| UCSC | | | | | | | | |
| Alternative Fuel Fleet Vehicles | UC-P64 | Purchase and upgrade fleet vehicles to alt. fueled vehicles (refuse trucks, street sweepers, fleet cars, etc.) | \$100 | \$300 | \$100 | \$500 | \$2,600 | \$3,100 |
| Alternative Fuel/Electric Shuttle Vehicles | UC-P22 | Capital acquisition of vehicles/conversion of shuttles to EV. | \$0 | \$0 | \$0 | \$0 | \$10,330 | \$10,330 |
| Bike Shuttle Vehicle Acquisition | UC-P51 | Acquire more alt fueled vehicles for bike shuttle (and possible expansion). | \$0 | \$0 | \$0 | \$0 | \$520 | \$520 |
| Bus Tracking and AVL Transit Programs | UC-P62 | GPS bus tracking and Automatic Vehicle Locator programs inform travelling population of transit locations so they can make informed mode choices. | \$82 | \$178 | \$0 | \$260 | \$0 | \$260 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | | Unconstrained Costs | Est. Total Cost |
|---|--------|--|-------------------------------|---------------------|---------------------|-------------------|---------------------|-----------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | Total Constrained | | |
| College Nine/Communications Pedestrian Bridge | UC-P39 | Construct pedestrian bridge. | \$0 | \$0 | \$0 | \$0 | \$1,030 | \$1,030 |
| College Nine/Crown College Pedestrian Bridge | UC-P37 | Construct pedestrian bridge. | \$0 | \$0 | \$0 | \$0 | \$1,550 | \$1,550 |
| Coolidge Overlook | UC-P42 | Improve overlook for parking, benches and signage for Sanctuary. | \$0 | \$0 | \$0 | \$0 | \$620 | \$620 |
| Disability Van Service | UC-P75 | Operate disability van service | \$500 | \$3,250 | \$2,500 | \$6,250 | \$0 | \$6,250 |
| East Collector Transit Hub | UC-P46 | New transit hub at East Collector (East Remote) lot. | \$0 | \$0 | \$0 | \$0 | \$5,170 | \$5,170 |
| Electric Vehicle Charging Stations | UC-P65 | Add additional electrical infrastructure and install electric vehicle charging stations around campus. | \$0 | \$0 | \$0 | \$0 | \$8,000 | \$8,000 |
| Hagar/McLaughlin Intersection Improvements | UC-P10 | Signal, pedestrian safety improvements(including new crosswalk) and roadway improvements. | \$0 | \$0 | \$0 | \$0 | \$520 | \$520 |
| Hagar/Steinhart Intersection Improvements | UC-P14 | Signal, pedestrian safety improvements, transit, roadway improvements. | \$0 | \$0 | \$0 | \$0 | \$1,030 | \$1,030 |
| Hagar-Coolidge Connector Road/Hagar/East Remote Intersection Improvements | UC-P47 | New roadway connector, including bicycle lanes, between Hagar Drive and Coolidge, plus Hagar/East Remote Intersection Improvements: signal, pedestrian safety improvements and roadway improvements. | \$0 | \$0 | \$0 | \$0 | \$3,100 | \$3,100 |
| Heller Drive Bicycle Lanes (Empire Grade to Porter College) | UC-P56 | Add Class II bicycle lanes in downhill direction as feasible. | \$0 | \$0 | \$0 | \$0 | \$830 | \$830 |
| Kerr/Porter Rd Pedestrian Bridge ADA Upgrades | UC-P72 | Modify bridge to improve access. | \$0 | \$0 | \$0 | \$0 | \$3,100 | \$3,100 |
| McLaughlin Drive Bike Lanes/Pedestrian Enhancements | UC-P30 | Install Class 2 bike lanes and enhance pedestrian circulation on University campus roadway. | \$0 | \$0 | \$0 | \$0 | \$2,580 | \$2,580 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | | Unconstrained Costs | Est. Total Cost |
|--|--------|---|-------------------------------|---------------------|---------------------|-------------------|---------------------|-----------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | Total Constrained | | |
| Meyer Drive Extension | UC-P04 | Extension of Meyer Drive from existing Meyer Drive to Hagar Drive. Includes potential construction of two bridges, pedestrian, and bicycle facilities. | \$0 | \$0 | \$0 | \$0 | \$20,660 | \$20,660 |
| Multimodal Hub Planning Study | UC-P77 | Study to propose concept for development of various types of multi-modal hubs for main campus and satellite facilities to include transit, parking, bike, pedestrian and other mobility options to meet future needs. | \$0 | \$0 | \$0 | \$0 | \$750 | \$750 |
| Northern Entrance | UC-P08 | Construct new access road including Cave Gulch Bridge to Empire Grade and road and bicycle lanes to Northern Heller Dr. for access and fire safety. | \$0 | \$0 | \$0 | \$0 | \$10,330 | \$10,330 |
| Northern Loop Roadway | UC-P07 | Construct new roadway, including bicycle lanes, on upper campus. Will be phased. Phase I: Chinquapin Extension to support Social Science 3. | \$0 | \$0 | \$0 | \$0 | \$18,590 | \$18,590 |
| Parking Management Technology Improvements | UC-P68 | Updating existing parking management technologies to allow for more effective management. | \$40 | \$280 | \$90 | \$410 | \$0 | \$410 |
| Pedestrian Directional Map/Wayfinding System | UC-P38 | Develop and install signs throughout campus. | \$50 | \$350 | \$120 | \$520 | \$0 | \$520 |
| Porter/Performing Arts Pedestrian Bridge | UC-P36 | Construct pedestrian bridge. | \$0 | \$0 | \$0 | \$0 | \$1,030 | \$1,030 |
| Science Hill/North Academic Core Pedestrian Bridge | UC-P40 | Construct pedestrian bridge. | \$0 | \$0 | \$0 | \$0 | \$1,030 | \$1,030 |
| Sidewalk/Pedestrian Improvements | UC-P50 | Widen sidewalks/improve ped access in areas of campus. | \$0 | \$0 | \$0 | \$0 | \$5,170 | \$5,170 |
| Spring Street Bikeway | UC-P34 | Construct bikeway connecting Spring Street to Hagar Ct. | \$0 | \$0 | \$0 | \$0 | \$310 | \$310 |
| Steinhart Way Multimodal Improvements | UC-P03 | Roadway improvements for shuttles, bikes and pedestrians. | \$0 | \$0 | \$0 | \$0 | \$2,500 | \$2,500 |

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|---|--------|--|-------------------------------|---------------------|---------------------|-------------------|---------------------|-----------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | Total Constrained | | |
| Transit Pullouts and Shelters Enhancements | UC-P19 | Construction and installation of transit pullouts and reconstruction of shelters throughout campus. | \$0 | \$0 | \$0 | \$0 | \$1,550 | \$1,550 |
| Transit Vehicles (ongoing) | UC-P23 | Ongoing capital acquisition of transit vehicles for on-campus transit and University shuttles. | \$470 | \$3,055 | \$2,350 | \$5,875 | \$0 | \$5,875 |
| Transportation-Related Stormwater Management Projects | UC-P66 | Retrofitting existing transportation facilities and developing new facilities with new stormwater management techniques. | \$100 | \$700 | \$230 | \$1,030 | \$0 | \$1,030 |
| Traveler Safety Education/Information Programs | UC-P61 | Bike/pedestrian safety programs; light and helmet giveaways, safety classes, distracted driver programs, bus etiquette program. | \$10 | \$65 | \$25 | \$100 | \$560 | \$660 |
| UCSC - Metro Station Bus Rapid Transit Improvements | UC-P48 | Bus Rapid Transit Improvements between Metro Station, Bay Street Corridor, and UCSC Roadways. | \$0 | \$0 | \$0 | \$0 | \$5,170 | \$5,170 |
| UCSC Bicycle Facilities | UC-P55 | Add bicycle facilities on campus roadways and paths. Lump sum of projects, including but not limited to UCSC Bicycle Plan that are not listed individually elsewhere in the RTP. | \$0 | \$0 | \$0 | \$0 | \$1,030 | \$1,030 |
| UCSC Bicycle Parking Improvements | UC-P33 | Install bicycle parking facilities to serve bicycle commuters to the University. | \$50 | \$350 | \$120 | \$520 | \$0 | \$520 |
| UCSC Bike Loan Program | UC-P52 | Develop and implement a bike loan program for UC students. | \$0 | \$0 | \$0 | \$0 | \$1,030 | \$1,030 |
| UCSC Bike Showers/Storage Lockers | UC-P32 | Install showers and storage facilities to serve bicycle commuters to the University. | \$0 | \$0 | \$0 | \$0 | \$620 | \$620 |
| UCSC Campus Transit EV Bus Charging and Parking Yard | UC-P76 | Development of a new Electric bus Charging and Parking Yard and development of new electrical infrastructure for EVSE for campus transit fleet. | \$0 | \$0 | \$0 | \$0 | \$10,000 | \$10,000 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | | Unconstrained Costs | Est. Total Cost |
|---|--------|---|-------------------------------|---------------------|---------------------|-------------------|---------------------|-----------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | Total Constrained | | |
| UCSC Commute Counseling Program | UC-P69 | Staffing program development to individually market to UCSC affiliates on more sustainable means of travel to campus. | \$280 | \$2,120 | \$700 | \$3,100 | \$0 | \$3,100 |
| UCSC Commuter Incentive Programs | UC-P70 | Provide ongoing support and development of new programs to encourage travel to campus via sustainable modes of travel. | \$140 | \$910 | \$700 | \$1,750 | \$0 | \$1,750 |
| UCSC Lump Sum Roadway Maintenance | UC-P59 | Repaving and rehabilitation of roadways on UCSC campus to maintain existing network. | \$182 | \$1,183 | \$910 | \$2,275 | \$7,725 | \$10,000 |
| UCSC Main Entrance Improvements | UC-P01 | Realign roadway, transit pullout/shelter, relocate bike parking, construct pedestrian path, historic resource analysis. Work may be done in conjunction with City Roundabout project. | \$0 | \$2,070 | \$0 | \$2,070 | \$0 | \$2,070 |
| UCSC Parking Operations & Maintenance | UC-P73 | Operate and administer the parking operations for UCSC including planning, TDM, marketing and debt service. | \$6,400 | \$41,600 | \$32,000 | \$80,000 | \$0 | \$80,000 |
| UCSC Traffic Control | UC-P58 | Non-traditional traffic control/crossing guard program at key intersections on UCSC campus to improve pedestrian and vehicle safety, reduce conflicts, improve travel times. | \$240 | \$1,750 | \$590 | \$2,580 | \$0 | \$2,580 |
| UCSC Transit Service | UC-P74 | Operate the on-campus shuttle service | \$6,220 | \$40,430 | \$31,100 | \$77,750 | \$0 | \$77,750 |
| UCSC Vanpool Program | UC-P63 | Maintain, operate and expand upon UCSC vanpool program. | \$789 | \$5,129 | \$3,945 | \$9,863 | \$0 | \$9,863 |
| Zimride Emergency Preparedness Database | UC-P67 | Creating a new database through Zimride to have emergency response evacuation of UCSC campus. | \$0 | \$0 | \$0 | \$0 | \$310 | \$310 |
| UCSC Total Cost | | | \$15,653 | \$103,720 | \$75,480 | \$194,853 | \$129,345 | \$324,198 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | | Unconstrained Costs | Est. Total Cost |
|--|---------|---|-------------------------------|---------------------|---------------------|-------------------|---------------------|-----------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | Total Constrained | | |
| Various Agencies | | | | | | | | |
| Active Transportation Plan | VAR-P39 | Prepare Active Transportation Plans that address bicycle, pedestrian, safe routes to schools and complete streets facilities within the jurisdictions of Santa Cruz County as well as the Santa Cruz Harbor Port District. | \$200 | \$1,680 | \$500 | \$2,380 | \$0 | \$2,380 |
| Bicycle Sharrows | VAR-P03 | Install sharrows (shared roadway marking) designating areas where bicyclists should ride on streets, especially when bicycle lanes are not available. To be implemented by local jurisdictions. | \$40 | \$380 | \$100 | \$520 | \$0 | \$520 |
| Bicycle Treatments for intersection improvements (ADD) | VAR-P32 | Add painted bike treatments (such as buffered and/or painted bike lanes, bike boxes, bike detection and signals), at major intersections. | \$0 | \$3,100 | \$1,030 | \$4,130 | \$0 | \$4,130 |
| Bike Share | VAR-P16 | Establish and maintain an urban centered bike share program allowing county residents to access loaner bikes at key locations such as downtowns, transit centers, shopping districts, and tourist destinations. | \$0 | \$3,500 | \$1,670 | \$5,170 | \$0 | \$5,170 |
| Bike-Activated Traffic Signal Program | VAR-P05 | Provide traffic signal equipment to ensure that the traffic signals will detect bicycles just as cars are detected and ensure that the appropriate traffic signal phase is activated by the bicycles. | \$100 | \$750 | \$180 | \$1,030 | \$0 | \$1,030 |
| Cabrillo College TDM Programs | RTC 33 | Provide students and employees at all four Cabrillo College campuses with education, promotion, and incentives that support the use of sustainable transportation modes 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. | \$71 | \$463 | \$356 | \$890 | \$1,360 | \$2,250 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | | Unconstrained Costs | Est. Total Cost |
|---|---------|--|-------------------------------|---------------------|---------------------|-------------------|---------------------|-----------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | Total Constrained | | |
| Carsharing Program | VAR-P06 | Program to assist people in sharing a vehicle for occasional use. Implementing Agency TBD, varies. | \$118 | \$764 | \$588 | \$1,470 | \$1,470 | \$2,940 |
| Climate Action Transportation Programs | RTC-P48 | Projects that reduce greenhouse gas emissions through reducing vehicle trips and vehicle miles traveled, increasing fuel efficiency and expanding use of alternatively fueled vehicles. Includes comprehensive outreach and education campaigns, a countywide emergency ride home for those using alternatives, and TDM incentive programs: \$100k/year. | \$100 | \$1,630 | \$600 | \$2,330 | \$250 | \$2,580 |
| Climate Adaptation, Resiliency, and Hazard Mitigation | VAR-P50 | 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] | \$0 | \$20,000 | \$0 | \$20,000 | \$0 | \$20,000 |
| Complete Streets Area Plans | VAR-P28 | Detailed complete street circulation and design plans, including consideration of multimodal green travelways, for areas identified for intensified development in Sustainable Communities Strategy. | \$0 | \$400 | \$0 | \$400 | \$1,600 | \$2,000 |
| Complete Streets Implementation | VAR-P27 | Additional projects for complete streets implementation that would fall under the Complete Streets Guidelines. | \$1,600 | \$10,400 | \$8,000 | \$20,000 | \$0 | \$20,000 |
| Coolidge Drive Reconstruction | VAR-P23 | Reconstruction of roadway and bike lane. | \$0 | \$0 | \$0 | \$0 | \$3,100 | \$3,100 |
| Countywide Pedestrian Signal Upgrades | RTC-P26 | Grant program to fund installation of accessible pedestrian equipment with locator tones including rapid flashing beacons and count down times etc. to facilitate roadway crossings by visually and mobility impaired persons. | \$100 | \$685 | \$250 | \$1,035 | \$1,035 | \$2,070 |
| Countywide Senior Driving Training | VAR-P24 | Coordinate and enhance current programs that help maturing drivers maintain their driving skills and provides transitional info about driving alternatives. (Current programs are run by AARP and CHP.) | \$18 | \$36 | \$36 | \$90 | \$820 | \$910 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|---|---------|---|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Eco-Tourism - Sustainable Transportation | VAR-P17 | Provide sustainable transportation information, incentives and promotions to the estimated one million visitors to Santa Cruz County. Work with the Santa Cruz County Conference and Visitors Council, local lodgings, and tourist attractions. | \$35 | \$400 | \$80 | \$515 | \$515 | \$1,030 |
| Electric Bicycle Commuter Incentive Program | VAR-P44 | Financial incentives, promotion and/or education to encourage residents to use electric bikes instead of commuting by car. | \$91 | \$593 | \$456 | \$1,140 | \$2,730 | \$3,870 |
| Environmental Mitigation Program | VAR-P38 | Allocate funds to protect, preserve, and restore native habitat that construction of transportation projects listed in SCCRTC's RTP could potentially impact. EMP funds will be for uses such as, but not limited to, purchasing land prior to project development to bank for future mitigation needs, funding habitat improvements in advance of project development to leverage and enhance investments by partner agencies. | \$230 | \$4,200 | \$1,250 | \$5,680 | \$0 | \$5,680 |
| EV Charging Stations for Low Income Residents | VAR-P49 | 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. | \$0 | \$0 | \$0 | \$0 | \$8,000 | \$8,000 |
| Hwy 1 Bike/Ped Bridge (Cabrillo-New Brighton) | CT-P07a | Construction of bike/ped bridge connecting New Brighton State Beach and Cabrillo College as part of larger Nisene SP to the Sea trail concept. Lead agency TBD. | \$0 | \$0 | \$0 | \$0 | \$14,000 | \$14,000 |
| Hwy 1/Harkins Slough Road Pedestrian Bridge/Safer Access to PVHS & Beyond | WAT 01A | 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 & bike safety programs intersection to improve bike and ped access. (EA 05-1G490) | \$0 | \$15,800 | \$0 | \$15,800 | \$0 | \$15,800 |
| Live Oak Transit Hub | VAR-P46 | Transfer node near rail corridor at 17th Ave - may include transit, rideshare, bicycle, bikeshare, pedestrian to provide regional connections to/from other parts of the county. | \$0 | \$530 | \$0 | \$530 | \$0 | \$530 |

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|--|---------|---|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Local Arterial ITS Infrastructure | VAR-P11 | ITS (Intelligent Transportation Systems): advanced electronics and information technologies to increase the safety and efficiency of the surface transportation system, including vehicle detection devices along major arterials in urbanized areas to alert motorists of incidents. | \$0 | \$0 | \$0 | \$0 | \$620 | \$620 |
| Lump Sum Bridge Preservation | VAR-P14 | Painting, Barrier Rail Replacement, Low Water Crossing, Rehab, and Replacement bridges for SHOPP and Highway Bridge Program (HBP). | \$8,000 | \$40,000 | \$52,000 | \$100,000 | \$0 | \$100,000 |
| Lump Sum Emergency Response Local Roads | VAR-P13 | Lump sum for repair of local roads damaged in emergency. (Based on average ER/FEMA/CalEMA funds, storm damage, fire, etc. Costs of repairs assumed under lump sum maintenance and operations within local jurisdiction listings.) | \$17,846 | \$96,000 | \$126,154 | \$240,000 | \$0 | \$240,000 |
| Mission St/Hwy 1 Bike/Truck Safety Campaign | VAR-P18 | Partnership with road safety shareholders including Caltrans, UCSC, City of Santa Cruz, Ecology Action, trucking companies and others to improve bike/truck safety along the Mission Street corridor. Provide safety presentations, videos, brochures, safety equipment, etc. | \$50 | \$345 | \$125 | \$520 | \$0 | \$520 |
| Mobility Management Center | VAR-P04 | Centralized one-stop-shop for information and resources on specialized transportation options. May be combined with 511 and local senior information and assistance efforts. Implementing agency TBD. Est. annual cost: \$100-300k/yr. | \$0 | \$0 | \$0 | \$0 | \$7,750 | \$7,750 |
| Neighborhood Greenways | VAR-P33 | Implement greenways which gives priority to bicycles and pedestrians on low volume, low speed streets including, way finding and pavement markings, bicycle treatments in areas identified for more intensified development in Sustainable Communities Strategy. | \$0 | \$0 | \$0 | \$0 | \$5,170 | \$5,170 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | | Unconstrained Costs | Est. Total Cost |
|---|---------|---|-------------------------------|------------------------|------------------------|----------------------|---------------------|-----------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | Total Constrained | | |
| On-Demand Wheelchair Accessible Vehicle Program | VAR-P48 | TNC Access for All Program to implement SB1376 (Hill: 2018) which directed the CPUC to establish a program relating to accessibility of on-demand transportation services for persons with disabilities, including wheelchair users who need a wheelchair accessible vehicle (WAV), to be funded in-part by Transportation Network Companies (e.g. Lyft/Uber) that do not have WAV fleet. [constrained reflects CPUC forecasted funds=\$60k/yr] | \$120 | \$780 | \$600 | \$1,500 | \$3,000 | \$4,500 |
| Park and Ride Lot Development | VAR-P26 | Upgrade and maintain existing park and ride lots for commuters countywide. Secure additional park and ride lot spaces for motorized vehicles and bicycles. Long range plan: identify, purchase land, construct Park & Ride lots. | \$100 | \$2,000 | \$1,000 | \$3,100 | \$6,000 | \$9,100 |
| Planning for Transit Oriented Development for Seniors | VAR-P25 | Evaluate opportunities for Transit Oriented Development serving seniors including access to medical facilities. | \$10 | \$50 | \$20 | \$80 | \$0 | \$80 |
| Plug-in Electric Vehicle Access, Education & Promotion | VAR-P21 | Target motorist looking for a cleaner vehicle by providing access, education and promotion on ever evolving plug-in electric vehicles (PEV). Provide PEV car share, rental and demo drives, educational workshops, online, and hard copy information. Promote through current EA groups, partners, media and other available sources. | \$0 | \$0 | \$0 | \$0 | \$2,500 | \$2,500 |
| Public Transit Marketing | VAR-P20 | Initiatives that increase public transit ridership including discount passes, free fare days, commuter clubs, and promotional and marketing campaigns. | \$0 | \$600 | \$175 | \$775 | \$775 | \$1,550 |
| Public/Private Partnership Bicycle and Pedestrian Connection Plan | VAR-P29 | Develop model for assisting local jurisdictions in working with private property owners to allow bicycle and pedestrian access through private property in areas identified for more intensified development in Sustainable Communities Strategy. | \$0 | \$150 | \$0 | \$150 | \$0 | \$150 |
| Public/Private Partnership Transit Stops and Pull Outs Plan | VAR-P30 | Develop model for assisting local jurisdictions in working with businesses to install transit pullouts and shelters on property in areas identified as high quality transit corridors in Sustainable Communities Strategy. | \$0 | \$150 | \$0 | \$150 | \$0 | \$150 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | | Unconstrained Costs | Est. Total Cost |
|---|---------|--|-------------------------------|------------------------|------------------------|----------------------|---------------------|-----------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | Total Constrained | | |
| Safe Paths of Travel | VAR-P08 | Regional program to construct and/or repair pedestrian facilities adjacent to high frequency use origins and destinations, particularly near transit stops. | \$280 | \$2,120 | \$700 | \$3,100 | \$0 | \$3,100 |
| Safe Routes to Schools Studies | VAR-P10 | Studies to assess pedestrian and bicycle safety near schools. | \$20 | \$140 | \$50 | \$210 | \$0 | \$210 |
| Safety Plan | VAR-P36 | Develop a safety plan that addresses traffic related injuries and fatalities for all modes of transportation. | \$0 | \$250 | \$60 | \$310 | \$0 | \$310 |
| School Complete Streets Projects | VAR-P35 | Implement ped/bike programs and facilities near schools. | \$0 | \$10,330 | \$0 | \$10,330 | \$0 | \$10,330 |
| School Safety Programs | VAR-P19 | Bicycle and walking safety education and encouragement programs targeting K-12 schools in Santa Cruz County including Ecology Action's Safe Routes to School and Bike Smart programs. Provide classroom and on the bike safety training in an age appropriate method. Provide a variety of bicycle, walking, biking and carpooling encouragement projects ranging from bike to school events, to incentive driven tracking, and educational support activities. Est. annual cost \$150k. | \$200 | \$1,260 | \$450 | \$1,910 | \$1,910 | \$3,820 |
| School-Based Mobility/TDM Programs | RTC-P54 | Student transportation programs aimed at improving health and well being, transportation safety and sustainability and that facilitate mode shift from driving alone in a motor vehicle to active and group transportation. | \$92 | \$598 | \$460 | \$1,150 | \$1,875 | \$3,025 |
| TDM Individualized Employer/Multiunit Housing Program | RTC-P53 | Implement individualized employer and multiunit housing TDM programs with incentives for existing development. | \$200 | \$1,600 | \$525 | \$2,325 | \$2,325 | \$4,650 |
| Transit Oriented Development Grant Program | RTC-P25 | Smart growth grant program to fund TODs that encourage land use and transportation system coordination. May include joint child care/PNR/transit centers. | \$250 | \$1,720 | \$600 | \$2,570 | \$2,600 | \$5,170 |
| Transit Priority | VAR-P34 | Install transit queues at major intersections. | \$0 | \$2,185 | \$400 | \$2,585 | \$2,585 | \$5,170 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | Total Constrained | Unconstrained Costs | Est. Total Cost |
|---|---------|--|-------------------------------|------------------------|------------------------|----------------------|------------------------|--------------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | | | |
| Transit Service to San Jose Airport | VAR-P43 | Provide transit service to San Jose airport from Santa Cruz. Current average annual need \$0.5M | \$0 | \$0 | \$0 | \$0 | \$11,000 | \$11,000 |
| Transportation Demand Management Plan | VAR-P37 | Collaborate with other organizations to develop a coordinated plan for transportation demand management program implementation for Santa Cruz County. | \$0 | \$250 | \$60 | \$310 | \$0 | \$310 |
| Transportation for Caregivers of Seniors/People with Disabilities | VAR-P42 | Transportation service for caregivers of seniors or people with disabilities. Including, but not limited to programs such as, volunteer rides, taxi script, ride to work program. Current avg annual need \$.5M. Constrained=\$0M. | \$0 | \$0 | \$0 | \$0 | \$11 | \$11 |
| Transportation for Low Income Youth | VAR-P15 | Safe, reliable transportation services for foster care children to/from school. Avg annual cost: \$100k/yr. | \$0 | \$0 | \$0 | \$0 | \$2,580 | \$2,580 |
| Transportation for Low-Income Families | VAR-P41 | Transportation service for low income families with children. Includes medical service rides, out-of-county rides, volunteer rides, taxi script, ride to work program, etc. Current avg annual need \$.5M. Constrained=\$0M. | \$0 | \$0 | \$0 | \$0 | \$11,000 | \$11,000 |
| Transportation System Electrification | VAR-P07 | Partnership with local gov't agencies, electric vehicle manufactures, businesses, and Ecology Action to establish electric vehicle charging stations for EV's, plug-in hybrids, NEV's, as well as ebikes and escooters. Work with manufacturers on developing advanced electric vehicles and educating the public regarding the ease of use and benefits of electric vehicles. | \$0 | \$31,650 | \$20,000 | \$51,650 | \$0 | \$51,650 |
| Uncontrolled Pedestrian Crossing Improvements | VAR-P31 | Implement improvements to uncontrolled pedestrian crossing such as painted and/or raised crosswalks, flashing beacons and pedestrian islands. | \$0 | \$1,900 | \$670 | \$2,570 | \$2,600 | \$5,170 |
| Watsonville Transit Hub | VAR-P47 | Expand transportation mode options at transfer node near rail corridor and current transit center to increase use of transit, rideshare, bicycle, bikeshare, pedestrian to provide regional connections to/from other parts of the county. | \$0 | \$585 | \$0 | \$585 | \$0 | \$585 |

| Project Title | ID | Project Description/Scope | Financially Constrained Costs | | | | Unconstrained Costs | Est. Total Cost |
|---|---------|---|-------------------------------|------------------------|------------------------|----------------------|---------------------|-----------------|
| | | | YR 2020 Constrained | YR 2035 Constrained | YR 2045 Constrained | Total Constrained | | |
| West Side Transit Hub | VAR-P45 | Transfer node near rail corridor at Natural Bridges Dr - may include transit, rideshare, bicycle, bikeshare, pedestrian to provide regional connections to/from other parts of the county and the university. | \$0 | \$580 | \$0 | \$580 | \$0 | \$580 |
| Various Agencies Total Cost | | | \$29,871 | \$260,554 | \$219,145 | \$509,570 | \$99,181 | \$608,751 |
| Volunteer Center | | | | | | | | |
| Volunteer Center Transportation Program | VC-P1 | Program providing specialized transportation to seniors and people with disabilities. Constrained=existing TDA allocations. | \$240 | \$1,050 | \$350 | \$1,640 | \$2,110 | \$3,750 |
| Volunteer Center Total Cost | | | \$240 | \$1,050 | \$350 | \$1,640 | \$2,110 | \$3,750 |
| Watsonville Airport | | | | | | | | |
| Lump Sum Watsonville Municipal Airport Capital Projects | AIR-P01 | Projects from the Watsonville Airport Capital Improvement Program. Includes new hangers, reconstruction of aviation apron, security features, runway rehabilitation and extensions and surface improvements, taxiway construction and maintenance, and signage. | \$2,160 | \$14,040 | \$10,800 | \$27,000 | \$10,000 | \$37,000 |
| Watsonville Municipal Airport Operations | AIR-P02 | Ongoing operations/maintenance. Average \$2M/year. | \$3,994 | \$25,961 | \$19,970 | \$49,925 | \$0 | \$49,925 |
| Watsonville Airport Total Cost | | | \$6,154 | \$40,001 | \$30,770 | \$76,925 | \$10,000 | \$86,925 |
| Funds Needed Through 2045 | | | | | | | \$10,078,429 | |
| Total Within Projected Funds (Constrained) | | | | | | | \$5,235,083 | |
| Minimum New Funds Needed (Unconstrained) | | | | | | | \$4,843,347 | |