

# Regional Transportation Plan

# Attachment 1

## Projects Within Projected Funds (Constrained)

### Projects Within Projected Funds

*All Figures in '000s (thousands of dollars)*

Project Title	ID	Project Description/Scope	Est total	Total Constrained	Unconstrained	Est. Timing
<b>Caltrans</b>						
Ben Lomond Streetscape	CT 28	Construction of a pedestrian walkway and landscaping strip on both sides of Highway 9 from the San Lorenzo Bridge at lower Mill Street to the upper Mill Street intersection. Part of larger Minor A project.	\$750	\$750	\$0	Sprg04-Sprg0
Hazard Elimination and Safety (HES) Program	CT 13	Ongoing lump sum program to eliminate hazards and improve safety on highways. Funds vary annually.	\$5,133	\$5,133	\$0	ongoing
Highway 1/17 Merge Lanes Project	CT 03	Add merge lanes at Hwy 1 and 17 interchange. Includes \$500K for public info	\$49,947	\$49,947	\$0	Sept 05-Sprg
Hwy 1 Bike/Ped Bridge (Cabrillo-New Brighton)	CT-P07a	Construction of bike/ped bridge. connecting New Brighton State Beach and Cabrillo College.	\$2,000	\$2,000	\$0	
Hwy 1 Intelligent Transportation System (ITS) Deployment	CT-P06	TSM Implementation: Changeable message signs, coordination of freeway service patrols, ramp metering, and CCTV Cameras, Vehicle detection loops, extinguishable message signs, and Highway Advisory Radio. These are controlled by a Transportation Management Center (TMC), which serves as a single point of contact for emergency services, media, and the traveling public.	\$2,850	\$2,850	\$0	
Hwy 1 Median Barrier Freedom to Del Mar	CT 19	Install median barrier using SHOPP funds.	\$1,006	\$1,006	\$0	
Hwy 1 North Coast Operational Improvements	CT-P05	Paved pull out and parking area, left turn channelization and shoulder widening.	\$300	\$300	\$0	
Hwy 1 Ped/Bike Bridge at Mattison	CT-P07B	Construction of bike/ped bridge across Hwy 1 to connect Mattison.	\$2,000	\$2,000	\$0	
Hwy 1 Ramp Metering	CT-P01	Installation of Ramp Meters at 7 interchanges (Freedom,Rio Del Mar, State Park Road, Park Avenue, Bay/Porter Avenue, 41st avenue, Soquel Road,Morrissey Boulevard, and Ocean St) . Includes widening ramps as needed, ramp meter signals, and controllers. The ramp meter PSR will consider HOV bypass lanes at all ramp meter locations.	\$2,400	\$2,400	\$0	
Hwy 1 Southbound & Northbound Auxiliary Lanes	CT-P03	Auxiliary lanes between a) Park Avenue and Bay Avenue, b) 41st Avenue and Soquel Avenue, c) Soquel Avenue and Morrissey Boulevard for both the Northbound and Southbound directions. Auxiliary Lanes connect the freeway entrance ramp directly with the next exit ramp. D) State Park Dr. To Park Avenue (Could be built as part of independent from RTC 24- Hwy 1 HOV Lanes)	\$70,000	\$16,000	\$54,000	
Hwy 1 Vista Point Upgrade	CT-P31	Upgrade vista point and restroom near Aptos off Hwy 1.	\$700	\$700	\$0	
Hwy 1/ Harkins Slough Road Interchange	CT 18	Joint project with City of Watsonville to reconstruct current half interchange. Seismic retrofit and widen bridge, add bike lanes and sidewalks.	\$8,158	\$8,158	\$0	07/08 or later
Hwy 1/Mission Street ITS Enhancement	CT-P21	1 Hwy Advisory Radio Transmission Station, 2 Emergency Msg Signs (EMS), 1 CMS	\$320	\$320	\$0	

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All Figures in '000s (thousands of dollars)

Project Title	ID	Project Description/Scope	Est total	Total Constrained	Unconstrained	Est. Timing
Hwy 1/San Lorenzo Bridge Widening	CT-P34	Widen the Highway 1 San Lorenzo River bridge to improve flow from Highway 17 through the Junction of 1/9. (NB=Constrained; SB=unconstrained)	\$10,000	\$5,000	\$5,000	
Hwy 129 ITS - Hwy Advisory Radio System	CT-P23	2 HAR transmission stations, 2 EMS from Hwy 1 to County line	\$180	\$180	\$0	
Hwy 129 Operational Improvements	CT-P14	Future SHOPP operational improvements on Hwy 129.	\$2,540	\$2,540	\$0	
Hwy 152 ITS - Hwy Advisory Radio System	CT-P26	2 HAR transmission stations, 2 EMS w/in SC Co	\$180	\$180	\$0	
Hwy 152 Operational Improvements	CT-P16	Widen Shoulders and Install metal beam guardrail (MBGR) near Carlton Rd and SCL/SCR co. line	\$2,015	\$2,015	\$0	
Hwy 152/Hollohan/College Road Intersection Improvements	CT-P17	Operational Improvements at Hwy 152/Hollohan/College Road. New signal, lengthen turn lanes, channelization, and drainage improvements.	\$1,300	\$1,300	\$0	
Hwy 17 -Intelligent Transportation Systems (ITS)	CT-P18	ITS (Intelligent Transportation Systems): advanced electronics and information technologies to increase the safety and efficiency of the surface transportation system. Vehicle detection loop and closed circuit TV camera installations @ 1/2 mile intervals, 2 highway advisory radio (HAR) transmission stations and 2 EMS.	\$7,000	\$7,000	\$0	
Hwy 17 Operational Improvements	CT-P10	Constrained: Concrete guard rail near Scotts Valley, shoulder widening, curve realignment (from 10-yr SHOPP). Unconstrained: auxiliary lanes, interchange improvements.\$18K to be funded through Expenditure Plan	\$150,000	\$46,000	\$104,000	
Hwy 9 Highway Advisory Radio System	CT-P22	4 HAR transmission stations, 4 Emergency Message Signs	\$360	\$360	\$0	
Hwy 9 Operational Improvements	CT-P09	Shoulder widening, turnouts for buses, and turn lanes at spot locations in SLV. Shoulders could accommodate bicyclists and peds.	\$850	\$850	\$0	
Local Arterial EMS and HAR system	CT-P27	5 HAR transmission stations, 10 EMS to be placed along major arterials in urbanized areas so motorists can be alerted of problems before they are on the highways.	\$600	\$600	\$0	
Local Emergency Relief Restoration (ER)	CT 17	Lump sum for repair and restoration of damaged transportation facilities after a disaster, emergency opening.	\$22,875	\$22,875	\$0	ongoing
Lump Sum Highway Bridge Replacement and Rehab (HBRR)	CT-P28	Painting, Barrier Rail Replacement, Low Water Crossing, Rehab, and Replacement bridges.	\$26,800	\$26,800	\$0	
Lump sum Pavement Rehabs on State Hwys (SHOPP)	CT-P29	223 miles of pavement rehab on Hwys 1, 9, 17, 129, 152 (as id in 10-year SHOPP)	\$48,525	\$48,525	\$0	
Lump Sum Seismic Retrofit (Seismic)	CT 27	Seismic retrofit at various locations on state highways.	\$49,870	\$49,870	\$0	ongoing
Lump Sum Seismic Retrofit (Seismic)	CT 08	Seismic retrofit at various locations on state highways.	\$49,870	\$49,870	\$0	ongoing
Lump Sum State Hwy Operations and Protection Program (SHOPP) Projects	CT-P30	Caltrans lump for non-capacity increasing projects, including safety, CURE, bridge rehab, slide repairs, roadside rehab/beautification, maintenance (minus other SHOPP projects in RTP) - tree trimming, erosion control landscaping, additional lighting, drainage improvement, accident clean-up, replacement and upgrade of pavement.	\$160,946	\$35,114	\$125,832	
Section 130-Rail Crossing Improvements	CT 14	Eliminate hazards to vehicles and pedestrians at existing railroad crossings. Annual avg cost: \$215K/yr	\$5,391	\$5,391	\$0	ongoing
<b>Caltrans</b>			<b>Total Constrained</b>		<b>\$396,034</b>	

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Project Title	ID	Project Description/Scope	Est total	Total Constrained	Unconstrained	Est. Timing
<b>CHP - California Highway Patrol</b>						
Hwy 17 Safety Program	CHP-P01	Expenditure Plan other funds for continuation of existing Highway 17 Safety Program in Santa Cruz County by California Highway Patrol at \$100/year. Includes public education and awareness, CHP Patrol enhancement, pilot cars, electronic speed signs.	\$2,500	\$2,500	\$0	
<b>CHP - California Highway Patrol</b>			<b>Total Constrained</b>		<b>\$2,500</b>	
<b>City of Capitola</b>						
41st Avenue Road Rehabilitation	CAP 08	Rehab roadway - State only STIP	\$300	\$300	\$0	When STIP A
41st Avenue/Clares Street Intersection Improvement	CAP-P26	Install right turn lane on southbound 41st Avenue at Clares Street.	\$400	\$400	\$0	2004/2005
Bay Avenue Sidewalk and Bike Lane Project	CAP-P21	Install sidewalks and bike lanes from Capitola Avenue to Monterey Avenue.	\$150	\$150	\$0	2005/2006
Bay Avenue/Capitola Avenue Improvement Project	CAP-P08	Multimodal improvements to intersection.	\$150	\$150	\$0	2010
Brommer Street Sidewalk and Bike Lane Project	CAP-P22	Install sidewalk and bike lanes from 38th Avenue to 41st Avenue.	\$250	\$250	\$0	sidewalk 201
Capitola Avenue Bridge Replacement	CAP-P02	Widen bridge to provide sidewalks and bike lanes in each direction. Lengthen span to accommodate future widening of State Route 1.	\$2,500	\$2,500	\$0	2015
Capitola Road Pedestrian Crossing at 42nd Ave.	CAP-P13	Construct safe, accessible ped x-ing, plus traffic calming devices.	\$250	\$250	\$0	2004/2005
Capitola Village Multimodal Enhancement - Phases 2&3	CAP 04B	Widen sidewalks, add bike lanes, bike lockers, landscaping, and improve transit facilities in Capitola Village. Phase 2: Stockton Ave, Esplande, & San Jose Ave to Cap Ave - add or widen sw, bike lanes, parking, pavement rehab, & drainage.	\$2,868	\$2,868	\$0	on hold
Citywide General Maintenance and Reconstruction	CAP-P06	Overlay and reconstruction of various streets. Avg annual cost: \$150K/yr.	\$3,750	\$1,900	\$1,850	ongoing
Clares Street Pedestrian Crossing west of 40th Ave	CAP-P16	Construct signalized ped x-ing 0.20 miles west of 40th Ave.	\$100	\$100	\$0	2008
Clares Street Pedestrian Crossings at 42nd and 46th Av.	CAP-P14	Construct safe, accessible ped x-ing at two intersections and add medians/traffic calming devices on the road.	\$350	\$350	\$0	2006
Gross Road/41st Ave Intersection Widening	CAP 01	Add left turn lane, bike lane, sidewalk, and re-phase signal on Gross Rd from Soquel Ave to 41st Ave intersection	\$200	\$200	\$0	Summer 2005
McGregor Drive Park and Ride Lot Improvements	CAP-P23	Install paving, lighting and drainage improvements at existing park and ride lot.	\$300	\$300	\$0	2010
Monterey Avenue Multimodal Improvement Project	CAP-P12	Installation of sidewalks and bike lanes in area near school and parks.	\$350	\$350	\$0	2010
Park Avenue Improvement Project	CAP-P04	Installation of sidewalks and transit stop improvements (Kennedy Dr to Monterey Av.)	\$1,000	\$1,000	\$0	2012
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 Capitola Av.	\$1,300	\$1,300	\$0	2008

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Project Title	ID	Project Description/Scope	Est total	Total Constrained	Unconstrained	Est. Timing
Wheelchair Access Ramps	CAP-P27	Install wheelchair access/curb cut ramps on sidewalks.	\$10	\$10	\$0	ongoing
<b>City of Capitola</b>			<b>Total Constrained</b>			<b>\$12,378</b>
<b>City of Santa Cruz</b>						
AB3090 Replacement Project - Pacific Ave Wall Reconstruction	SC 32	Replacement project for Multimodal Station PPNO 0925. Pacific Ave wall reconstruction to stabilize West Cliff Drive above and preserve historic character.	\$425	\$425	\$0	When STIP A
Beach St Bikeway	SC 20	Construct a two way bikeway on one way street, Beach Street. Demonstration project currently in place.	\$615	\$615	\$0	Fall04-Sprg05
Bike/Ped Path on RR Bridge over SL River	SC-P31	Install a Class 1 bicycle/pedestrian facility to connect the east end of the proposed Beach Street Pathway with East Cliff Drive at the location of the current railroad bridge over the San Lorenzo River and connect the east and west banks of the San Lorenzo River Pathway. The crossing currently only accommodates pedestrians.	\$1,000	\$500	\$500	
Branciforte Creek Bike/Ped Crossing	SC-P34	Install a Class 1 bicycle/pedestrian bridge over Branciforte Creek in the vicinity of San Lorenzo Park.	\$1,400	\$700	\$700	
Bridge Seismic Retrofits and Barrier Modifications	SC-P15	Seismic retrofit and barrier modifications at City bridges.	\$10,000	\$10,000	\$0	
Broadway-Brommer Bike Path	SC 07	Install Class 1 bike/ped path to connect to existing class 2 facilities	\$2,098	\$2,098	\$0	Fall 05-Fall 06
Brookwood Drive Bike Path	SC-P21	Provide 2-way bicycle travel on a 1-way roadway.	\$59	\$59	\$0	
Capitola Road Bike Lanes	SC-P45	Install bike lanes on arterial roadway to connect discontinuous sections of existing bike lanes.	\$15	\$15	\$0	
Cayuga Street Bike Lanes	SC-P46	Provide Class 2 bike lanes on residential corridor as an alternative route to arterial corridor.	\$5	\$5	\$0	
Chestnut Pathway	SC-P22	Install a Class 1 bicycle/pedestrian facility to connect Neary Lagoon Park with the Beach/Boardwalk area.	\$80	\$80	\$0	
Chestnut Street Bike Lanes	SC-P47	Install Class 2 bike lanes to provide connection from existing bike lanes on Laurel Street and upper Chestnut Street to proposed Class 1 bike path connections to Bay Street and Pacific Avenue/Beach Street.	\$8	\$8	\$0	
Citywide Operations and Maintenance	SC-P07	Maintain streets and bikeways at \$1.5M/yr (50% const/50%unconst)	\$37,500	\$18,750	\$18,750	
Coral Street Bike Lanes	SC-P48	Install Class 2 bike lanes in professional/commercial area.	\$11	\$11	\$0	
Delaware Ave Bike Lanes (Swift-Surfside)	SC-P49	Install Class 2 bikes lanes.	\$11	\$11	\$0	
Delaware Ave Bike Lanes (Woodrow-Columbia)	SC-P50	Install Class 2 bikes lanes.	\$6	\$6	\$0	
Delaware Avenue Bike Path (Shaeffer-Swanton)	SC-P23	Install a Class 1 bicycle/pedestrian facility.	\$240	\$240	\$0	
DuBois Street Bike Lanes	SC-P51	Install Class 2 bike lanes in professional/commercial area.	\$5	\$5	\$0	

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			<i>All Figures in '000s (thousands of dollars)</i>			
Project Title	ID	Project Description/Scope	Est total	Total Constrained	Unconstrained	Est. Timing
East Cliff Dr./ Murray St Rehab	SC 31	Pavement Rehab of travel lanes on East Cliff and Murray. (State Only STIP funds)	\$690	\$690	\$0	When STIP A
El Rancho Drive Bike Lanes	SC-P52	Provide Class 2 bike lanes connection.	\$25	\$25	\$0	
Encinal Street Bike Lanes	SC-P53	Install Class 2 bike lanes in professional/commercial area.	\$13	\$13	\$0	
Evergreen Street Bike Lanes	SC-P54	Install Class 2 bike lanes.	\$8	\$8	\$0	
Frederick Street Bike Lanes	SC-P55	Install Class 2 bike lanes on residential/commercial arterial street.	\$11	\$11	\$0	
Front Street pavement Rehab	SC 28	Rehab of travel lanes on Front St. (State Only STIP funds)	\$406	\$406	\$0	When STIP A
Gault Street Bike Lanes	SC-P56	Install Class 2 bike lanes on residential street.	\$8	\$8	\$0	
Goss Avenue Bike Lanes	SC-P57	Install Class 2 bike lanes on residential street.	\$7	\$7	\$0	
Harvey West Blvd. Bike Lanes	SC-P58	Install Class 2 bike lanes in professional/commercial area.	\$11	\$11	\$0	
High and Highland Rd. Rehab	SC 29	Rehab of travel lanes on High and Highland. (State Only STIP funds)	\$765	\$765	\$0	When STIP A
High Street Connection	SC-P25	Provide 2-way bicycle travel on a 1-way roadway.	\$21	\$21	\$0	
Highway 1/9 Turn Lanes, Park and Ride Environmental Review	CT 29	Initial design & EIR for turn lanes and park&ride lot. Const = CT-P20.	\$7,000	\$7,000	\$0	
Hwy 1/9 Intersection EIR	SC 25	Initial design & Environmental Impact Report (EIR) for turn lanes and park&ride lot. Construction and additional environmental = CT-P20.	\$600	\$300	\$300	
Hwy 9 Bike Lanes	SC-P33	Install Class 2 bike lanes on Hwy 9 (River Street thru Harvey West area).	\$35	\$35	\$0	
King Street Bike Lanes	SC-P59	Install Class 2 bike lanes on residential collector street. This corridor will serve as a primary east-west bikeway on the west side of Santa Cruz.	\$36	\$36	\$0	
La Fonda Avenue Bike Lanes	SC-P60	Install Class 2 bike lanes on residential collector street to connect the residential neighborhoods of Prospect Heights and the commercial corridor of Soquel Avenue with Harbor High School.	\$15	\$15	\$0	
Laurel Street Bike Lanes	SC-P61	Install Class 2 bike lanes (California to King Street).	\$9	\$9	\$0	
Lump Sum Bike Projects	SC-P75	Bike projects based on needs identified through the Major Transportation Study and bike plan updates. Includes specific projects that were listed individually in the 2001 RTP.	\$4,000	\$3,000	\$1,000	
Market Street Bike Lanes	SC-P62	Install Class 2 bike lanes on residential arterial street to continue existing bike lanes on Market St. and connect with commercial arterial bike lane corridor on Water St.	\$5	\$5	\$0	
Market Street/Branciforte Drive Bike Lanes	SC-P63	Install Class 2 bike lanes on residential arterial street.	\$12	\$12	\$0	
Mission St/Hwy 1 Landscaping	SC 22	Planting of approximately 400 trees on public and private property and the development of a signature gateway at the Swift Street end of the project.	\$625	\$625	\$0	Late04/post u
Mission Street Pedestrian Lighting (Chestnut to Swift)	SC 26	Install street lights that are more pedestrian in scale on Mission Street (Chestnut to Swift).	\$1,000	\$1,000	\$0	Underway-co

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						<i>All Figures in '000s (thousands of dollars)</i>		
Project Title	ID	Project Description/Scope	Est total	Total Constrained	Unconstrained	Est. Timing		
Morrissey Blvd. Bike Lanes	SC-P64	Install Class 2 bike lanes between Rooney Street and Prospect Heights.	\$15	\$15	\$0			
Morrissey Blvd. Bike Path over Highway 1	SC-P29	Install a Class 1 bicycle/pedestrian facility on freeway overpass.	\$90	\$90	\$0			
Multimodal Station at Depot Park	SC 01	Develop multi-modal station, including a park and ride lot, transit stop, and bike station within 4.08 acres park site.	\$3,985	\$3,985	\$0	8/04-9/04		
Murray to Harbor Bike Link	SC-P30	Install a Class 1 bicycle/pedestrian facility.	\$1	\$1	\$0			
Neighborhood Traffic Management Improvements	SC-P73	Install traffic control devices and roadway design features to manage neighborhood traffic.	\$2,500	\$2,000	\$500			
Ocean Street Bike Lanes	SC-P66	Install Class 2 bike lanes to connect discontinuous sections of existing bike lanes.	\$120	\$120	\$0			
Prospect Heights Bike Lanes	SC-P67	Install Class 2 bike lanes on residential collector street to connect with proposed bike lane corridor on Morrissey Blvd. and proposed Class 1 bikeway on Brookwood Drive. This bike lane corridor will serve local residents and students travelling to DeLaVeaga Elementary School.	\$8	\$8	\$0			
Rooney Street Bike Lanes	SC-P68	Install Class 2 bike lanes on residential street to connect with proposed bike corridors on Goss Avenue/Gilbert Lane, Morrissey Blvd./Highway 1 overpass.	\$11	\$11	\$0			
San Lorenzo River Bike/Ped Bridge near Hwy 1	SC 03	Bike/ped crossing of the river adjacent to Hwy 1 bridge.	\$3,000	\$3,000	\$0	When STIP av		
San Lorenzo River Levee Connection	SC-P36	Install a Class 1 bicycle/pedestrian facility to connect discontinuous sections of the west bank of the San Lorenzo River Pathway in the vicinity of Laurel Street Extension.	\$4,800	\$4,800	\$0			
San Lorenzo River Levee Path-Southeast End	SC-P35	Install a Class 1 bicycle/pedestrian facility (San Lorenzo River Pathway to East Cliff Drive).	\$120	\$120	\$0			
Seabright Avenue Bike Lanes	SC-P69	Install Class 2 bike lanes on residential/commercial collector street to complete the Seabright Avenue bike lane corridor and connect to bike lane corridor on Soquel Avenue.	\$170	\$170	\$0			
Shaffer Road Bike Path (Mission St Ext-Delaware Ave)	SC-P38	Install a Class 1 bicycle/pedestrian facility to connect to the Wilder Ranch path.	\$240	\$240	\$0			
Sidewalk Program - short term	SC-P09	Install and maintain sidewalks, install access ramps.	\$4,000	\$4,000	\$0			
Soquel Avenue Bike Lanes and Left-Turn Pockets	SC-P11	Phase 1: restripe for bike lanes. Phase 2: Widen/restripe Soquel Ave (Morrissey-Cap Rd) to add left-turn pockets at selected intersections and bicycle lanes on both sides of street.	\$9,000	\$9,000	\$0	1/05-9/05		
South Branciforte Avenue Bike Lanes	SC-P72	Install Class 2 bike lanes to complete the Branciforte Avenue bike lane corridor and connect to Buena Vista Avenue, Ocean View Park and East Cliff Drive facilities.	\$5	\$5	\$0			
Water Street Rehab	SC 30	Rehab of travel lanes on Water St. (State Only STIP funds)	\$244	\$244	\$0	When STIP A		
Water Street Sidewalks	SC 33	Construct and improve sidewalks; Install traffic calming features; Widen bike lanes; Upgrade bicycle parking.	\$313	\$313	\$0	Sprg/Smr 04		
West Cliff Path Widening & Repairs from Bay to Swanton	SC 23	Path to include features to encourage separation of bike and ped traffic, or else provide adequate space on rd for bikes	\$885	\$885	\$0	Fall 04-Sprg0		

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Project Title	ID	Project Description/Scope	Est total	Total Constrained	Unconstrained	Est. Timing
<b>City of Santa Cruz</b>			<b>Total Constrained</b>		<b>\$76,537</b>	
<b>City of Scotts Valley</b>						
Bean Creek Road Bike Lanes and Sidewalks	SV-P35	Add bike lanes and sidewalks to Bean Creek Rd (SV Dr to Bluebonnet).	\$700	\$700	\$0	2015
City Sidewalk Program	SV-P05	Install sidewalks to fill gaps. Annual Cost \$50/yr	\$5,000	\$5,000	\$0	ongoing
Citywide Access Ramps	SV-P06	Place handicap ramps at various locations. Avg annual cost: \$8K/yr	\$160	\$160	\$0	ongoing
Citywide Bikelanes Including Green Hills	SV-P41		\$3,000	\$3,000	\$0	
Citywide General Maintenance and Operations	SV-P27	Maintenance and rehab of city roadways (\$180K/yr const).	\$4,500	\$1,900	\$2,600	ongoing
El Rancho Dr. Bike Lanes	SV-P36	Add bike lanes on El Rancho within city limits.	\$324	\$324	\$0	2015
Glen Canyon Rd. Sidewalk	SV-P18	Construct sidewalk on Glen Canyon, Oak Creek Blvd to Flora Court (.35 mi).	\$75	\$75	\$0	done
Glen Canyon Road Bike Lanes	SV-P29	Class 2 Bike lanes from Mt. Hermon to Green Hills. Oak Creek to Flora Ln are already complete.	\$1,000	\$1,000	\$0	when \$
Granite Creek/Hwy 17 Interchange Reconstruction	SV-P08	Realign/reconfigure the Granite Creek Road over crossing, add bike lanes and sidewalks.	\$15,000	\$5,000	\$10,000	2020-2030
Green Hills Road bike/ped facilities	SV 18	Construct curb, gutter, sidewalks, retaining wall; Install guard rails. Bike lns from GrnHillsEst toSequoia. Includes retaining walls, pvmt. Serves: Baymonte Chrn, Vine Hill ES, Scotts Vly MS, HS, & BrkKnoll Schools.	\$969	\$969	\$0	Smr04
Green Hills Road Ped path and Bike lanes	SV-P19	Provide pedestrian facilities on Green Hills Rd (Glen Canyon to Sequoia Research Park)	\$425	\$425	\$0	2004
Hacienda Sidewalks	SV-P42	Install sidewalks from Casa Wy to Glenwood	\$375	\$375	\$0	2006
Kings Village Road Bike Lanes	SV-P31	Bike lanes to connect Mt. Hermon w/Bluebonnet and the Park&Ride.	\$100	\$100	\$0	when \$
Lockhart Gulch Rd Bike Lanes	SV-P37	Add Class 2 bike lanes to narrow, primarily residential street.	\$700	\$700	\$0	when \$
Lockwood Ln/Rolling Green Pedestrian Signal	SV-P21	Construct a pedestrian signal at unprotected ped crossing on Lockwood Lane.	\$50	\$50	\$0	when \$
Mt Hermon/Kings Village Rd Rehab	SV 10	Rehabilitation of travel lanes on both Mt. Hermon Road and Kings Village Road	\$56	\$56	\$0	To complete
Mt. Hermon Rd Rehab	SV 17	Rehab of travel lanes on Mt. Hermon Rd. (State-only STIP)	\$266	\$266	\$0	When STIP A
Mt. Hermon Road Bike Lane Connections	SV-P30	Add bike lanes to fill gaps on Mount Hermon (city limits to Hwy 17).	\$300	\$300	\$0	when \$
Scotts Valley Dr Rehab	SV 16	Rehab of travel lanes on SV Dr. (State Only STIP funds)	\$276	\$276	\$0	When STIP A
Scotts Valley Dr/Glenwood Dr Intersection Imprvmts	SV 15	Intersection Operation Imprvt: widen, signal timing, bike lanes, ped improvements, pvmt rehab	\$1,181	\$1,181	\$0	Smr04-Smr05
Storm Damage Repair, Lump Sum	SV 14	Repairs to 1998 El Nino storm damage at multiple locations.	\$540	\$540	\$0	2003/2004
Vine Hill School Rd Bikelanes and Sidewalks	SV-P02	Widen Vinehill School Rd to provide bike lanes and sidewalks in missing link.	\$300	\$300	\$0	2003/2004

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Whispering Pines Dr. Sidewalk	SV-P20	Construct pedestrian path on Whispering Pines Drive.	\$375	\$375	\$0	2020
<b>City of Scotts Valley</b>			<b>Total Constrained</b>		<b>\$23,072</b>	
<b>City of Watsonville</b>						
Airport Blvd Signal Synchronization	WAT-P10	Synchronize signals from Westgate Drive to Freedom Blvd. Field review, timing analysis and implementation, interconnect design, and installation of necessary equipment at 4 intersections. Operation Improvements, signal upgrade, improved street lighting, complete reconstruction, signing and striping on the three legs of the intersection	\$1,034	\$1,034	\$0	2003
Bicycle Plan Improvements	WAT-P19	Update the City Bicycle Plan and construction of additional routes and paths.	\$3,000	\$2,000	\$1,000	
City Roadway Maintenance & Rehab	WAT-P06	Maintenance and rehabilitation of roadways within the City limits. Avg annual cost: \$400K/yr	\$19,000	\$10,000	\$9,000	
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: \$75/yr.	\$1,875	\$1,875	\$0	
Freedom Blvd Improvements (Green Valley to Compton Terrace)	WAT-P11	Pavement reconstruction, operational improvements (turn lanes), installation of bike lanes, sidewalks, signing and striping.	\$4,000	\$4,000	\$0	
Freedom Blvd Reconstruction	WAT-P01	Reconstruction of the asphalt pavement, replacement of sidewalk, curb and gutter and installation of curb ramps, and bike signage from Lincoln St. to Alta Vista Ave.	\$950	\$950	\$0	
Freedom Blvd Reconstruction-Phase 2	WAT-P12	Phase 2 to reconstruct asphalt pavement and restriping (Lincoln to High St).	\$800	\$800	\$0	
Freedom Blvd Rehab	WAT 31	Rehab roadway - State only STIP	\$907	\$907	\$0	When \$- 05/0
Green Valley Rd. Rehab	WAT 30	Rehab roadway - State only STIP	\$955	\$955	\$0	When \$-Fall 0
Green Valley Rd. Signal Synchronization	WAT-P21	Synchronization of traffic signals.	\$80	\$80	\$0	2003
Green Valley Slope Stabilization	WAT 24	Green Valley Rd. slope stabilization	\$100	\$100	\$0	Smr04
Harkins Slough Rd Reconstruction	WAT 29	Reconstruction and widening of Harkins Slough Rd, including installation of ped and bike facilities (including bike racks at park)	\$980	\$980	\$0	Fall06
Neighborhood Traffic Plan	WAT-P04	Plan to identify and address concerns regarding speeding and other neighborhood traffic issues.	\$75	\$75	\$0	
Neighborhood Traffic Plan Implementation	WAT-P13	Address concerns about traffic complaints through Education, Enforcement, and Engineering solutions. Install traffic calming devices.	\$500	\$250	\$250	
Pajaro Rail Station Design	WAT-P14	Watsonville's share for conceptual design and PE for passenger rail station. (parking and station facilities and existing track upgrade to accommodate the extension of Caltrain Peninsula Rail service to Salinas and possible high speed rail through state.	\$200	\$200	\$0	
Pedestrian Facilities near Schools and Library	WAT 26	Install new ped facilities at several locations to accommodate highly traveled areas at a public park and adjacent to schools and public library.	\$500	\$500	\$0	12/03-presen
Rampton Rd Slope Stabilization (north of Airport)	WAT 25	Slope stabilization	\$100	\$100	\$0	Spring 2004

## Projects Within Projected Funds

All Figures in '000s (thousands of dollars)

Project Title	ID	Project Description/Scope	Est total	Total Constrained	Unconstrained	Est. Timing
Struve Slough Bridge (HBRR)	WAT-P07	Replace Low Water Crossing with a 790ft. concrete bridge with bike lanes and a sidewalk over Struve Slough on Harkins Slough Rd.	\$9,154	\$9,154	\$0	2006
Transit Center Joint Daycare	WAT 20	Purchase of real property at 475 Rodriguez St, construction of a 60-child daycare facility and provisions for free SCMTD bus passes	\$763	\$763	\$0	Jun/July04
Walker Street Improvements (W. Beach to Riverside)	WAT 28	Reconstruction and addition of a center turn lane on .27 mile section. Construct new sidewalks and curb ramps to complete ped access through the corridor and install bike lanes consistent with the Bike Plan.	\$600	\$600	\$0	Summer 05
Watsonville Slough Bridge (HBRR)	WAT-P09	Construction of approximately 700 ft. bridge over Watsonville Slough on Harkins Slough Road with bike lanes and sidewalk.	\$6,937	\$6,937	\$0	2005
<b>City of Watsonville</b>			<b>Total Constrained</b>		<b>\$42,260</b>	

### *Consolidated Transportation*

Countywide Specialized Transportation (CTSA)	CTSA-P0	Consolidated Transportation Services Agency (CTSA) non-ADA paratransit service, program admin and operating. Excluding Connection Shuttle, ADA, and section 5310 funds shown elsewhere in RTP project list.	\$34,435	\$34,435	\$0	
Lift Line Maintenance/Operations Center	CTSA-P0	Construct a permanent maintenance center/consolidated operations facility for paratransit program (currently Lift Line).	\$10,000	\$10,000	\$0	
Medically Fragile Specialized Transportation	CTSA-P0	Non-emergency same day transportation service for medically fragile individuals. Includes operations and capital.	\$10,500	\$5,000	\$5,500	
Non-ADA Paratransit Service Expansion	CTSA-P0	Expansion of non-ADA paratransit system to meet needs of growing elderly and disabled populations. New sources needed.	\$17,000	\$7,000	\$10,000	
<b>Consolidated Transportation</b>			<b>Total Constrained</b>		<b>\$56,435</b>	

### *County of Santa Cruz*

17th Ave. Improvements (Capitola Road to Soquel Ave)	CO-P30a	Improvements of roadways and roadsides on various Major Arterials including addition of bike lanes, transit turnouts, two-way left turn lanes, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road and roadsides.	\$500	\$500	\$0	
26th Ave Improvements (entire length-Portola Dr to end)	CO-P31a	Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$1,001	\$1	\$1,000	
30th Avenue Improvements (East Cliff Dr to Capitola Rd)	CO-P21	Road rehab and maintenance, left turn pockets at Roland Drive, Brommer Street, and Capitola Avenue. Also add bike lanes, transit turnouts, sidewalks, landscaping where gaps. Drainage improvements, merge lanes, and intersection improvements may also be needed.	\$1,500	\$1,500	\$0	
38th Ave Improvements (UPRR to E. Cliff Dr)	CO-P27a	Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement.	\$1,000	\$1,000	\$0	
41st Ave Improvements (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	\$500	\$500	\$0	
7th Ave Improvements (Eaton St. to Soquel Ave)	CO-P01	Transit turnouts, sidewalks, bike lanes, signal at Brommer, rehab, merge lanes, signalization, intersection improvements, maintenance, drainage improvements, landscaping.	\$2,650	\$2,650	\$0	

## Projects Within Projected Funds

*All Figures in '000s (thousands of dollars)*

Project Title	ID	Project Description/Scope	Est total	Total Constrained	Unconstrained	Est. Timing
Amesti Road Multitodal Improvements (Green Valley to Brown Valley Rd)	CO-P03	Roadway rehab, left turn pockets at Green Valley Road, Pioneer Road/Varni Road. Add bike lanes, transit turnouts, sidewalks, merge lanes, landscaping, and intersection improvements.	\$2,500	\$2,500	\$0	
Amesti Road Storm Damage	CO 34	Road pavement slipout. The entire road is destroyed and will require the construction of the roadway embankment to reopen the travel way. Phase 1:groundwater analysis, geotech studies, GHAD R/W. Phase 2: dewatering & slope stabilization (\$1.6M); Phase 3:rdwy reconstruction (\$700K).	\$3,462	\$3,462	\$0	When STIP A
Aptos Beach Dr Improvements (Esplande to Rio Del Mar Blvd)	CO-P27b	Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement.	\$1,000	\$1,000	\$0	
Bear Creek Road Improvements (Hwy 9 to Hwy 35)	CO-P04	Major rehab, add bike lanes, transit turnouts, merge lanes, and intersection improvements. Some landscaping and drainage improvements also.	\$4,000	\$4,000	\$0	
Ben Lomond Streetscape	CO 31	Construction of a pedestrian walkway and landscaping strip on both sides of Highway 9 from the San Lorenzo Bridge at lower Mill Street to the upper Mill Street intersection. Caltrans may take lead.	\$628	\$628	\$0	
Bonny Doon Rd Rehab: PM 2.34 to Pine Flat Rd	CO 45	Roadway rehabilitation.- State only STIP	\$334	\$334	\$0	When STIP A
Brommer Street Improvements (Capitola City limits to 17th Ave)	CO-P05	Future traffic signal at Chanticleer Ave, sidewalks, drainage improvements as needed. Road rehabilitation and maintenance, landscaping, transit facilities and intersection improvements.	\$3,450	\$3,450	\$0	
Calabasas Rd widening , bike lanes and sidewalks	CO 17	Install bike lanes, curb, gutter and sidewalks on Calabasas Road: Buena Vista to Bradford.	\$1,422	\$1,422	\$0	Fall 04
Carol Way/Lompico Creek Bridge Replacement Project	CO-P49	Replace existing single span-two lane bridge construction of ssteel girders and long deck with new 30 ft wide single span flat slae concrete bridge. Include (2) 11 ft lanes and (2) 4 ft shoulders.	\$1,000	\$1,000	\$0	June-Dec 200
Chanticleer Ave Improvements (Kinsley St Hwy 1 to Soq Dr)	CO-P26i	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements	\$2,000	\$2,000	\$0	
Clubhouse Drive Improvements (entire length to Rio Del Mar Blvd)	CO-P32a	Road rehabilitation and maintenance. Roadside improvements: left lane pockets, sidewalks, bike lanes and transit turnouts.	\$1,000	\$1,000	\$0	
College Road Improvements (Hwy 152 to Lakeview Rd)	CO-P23	Major road rehab, add left turn pocket at Cutter Drive. Also add bike lanes, transit turnouts, sidewalks, landscaping. Drainage improvements, merge lanes, and intersection improvements may also be needed.	\$1,000	\$1,000	\$0	
Community Traffic Safety Coalition	CO-CTSC	Community health group focused on reducing traffic-related injuries and promoting the use of alternative modes. Programs include: bike violators diversion program, ped and bike safety education at elementary schools, promoting development of safe routes to schools, Walk a Child to School Day, driver safety committee, helmet distribution, south county programs, red light running red campaign, red light camera enforcement program advocacy. Avg annual cost: \$200K/yr	\$5,000	\$2,500	\$2,500	
Corralitos Road Rehab and Improvements (Freedom Blvd to Hames Rd)	CO-P08	Major rehab, plus left turn pocket at Bradley Elementary, transit, bike, and ped facilities. May also include drainage, merge lanes, landscaping and intersection improvements.	\$1,000	\$1,000	\$0	
Countywide Access Ramps	CO-P37	Construction of handicapped access ramps countywide.	\$1,000	\$1,000	\$0	

## Projects Within Projected Funds

*All Figures in '000s (thousands of dollars)*

Project Title	ID	Project Description/Scope	Est total	Total Constrained	Unconstrained	Est. Timing
Countywide General Road Maintenance and Rehab	CO-P35	General roadway and roadside maintenance and rehabilitation.	\$325,000	\$73,500	\$251,500	
Countywide Sidewalks	CO-P41	Install sidewalks.	\$70,000	\$5,000	\$65,000	
East Cliff Dr. Bike/Ped Path: 32nd-41st	CO 24	Construct bicycle and pedestrian pathway along East Cliff Drive between 32nd Avenue and 41st Avenue.	\$820	\$820	\$0	05/06-On Hol
East Cliff Dr. Rehab, 5th to 12th Ave.	CO 18	Rehab E.Cliff (5th-12th) that is in very poor condition, through repair and overlay.	\$280	\$280	\$0	April 04
East Cliff Drive Improvements (41st Ave to City limits)	CO-P09	Roadway rehab, add left turn pockets at 26th and 30th Ave, fill gaps in bikeways and sidewalks, add transit turnouts, intersection improvements. Some landscaping and drainage improvements.	\$4,000	\$4,000	\$0	
El Rancho Dr Improvements (Glen Canyon/Hwy 17 to SC city limits)	CO-P26k	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements	\$2,000	\$2,000	\$0	
El Rancho Storm Damage Repair	CO 35	Roadway slipout and road closure. An entire segment of the road was destroyed and will require the construction of a bridge (viaduct) to reopen the travel way.	\$3,300	\$3,300	\$0	May04
Empire Grade Improvements	CO-P10	Road rehab and maintenance, left turn pocket at Felton Empire Road, add bike lanes, transit facilities, some sidewalks, landscaping. Drainage improvements, merge lanes, and intersection improvements may also be needed.	\$4,000	\$4,000	\$0	
Esplanade Improvements (entire loop: Aptos Beach Dr to Moosehead/Aptos Beach Dr)	CO-P33c	Roadway and roadside improvements on various Minor Collectors including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$1,000	\$1,000	\$0	
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, and White Rd. Also includes merge lanes, intersection improvements, landscaping, major rehabilitation and maintenance, drainage improvements.	\$2,650	\$2,650	\$0	
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	\$2,500	\$2,500	\$0	
Graham Hill Road Multimodal Improvements (City of SC to Hwy 9)	CO-P12	Bike lanes, sidewalks, transit turnouts, left turn pockets at Lockwood Ln and at Roaring Camp Road, two way left turn lane, merge lanes, signals at Lockwood and Sims and intersection improvements. Roadwork also includes major rehabilitation and maintenance. Drainage improvements may also be required. Signal upgrade at SR9 and Mt. Herman Rd.	\$5,900	\$5,900	\$0	
Graham Hill Road Rehabilitation: Zayante to Mt. Hermon	CO 41	REPROGRAMMING FUNDS TO GRAHAM HILL SAFETY (PPN0930/CO 2) in 2004 RTIP. Roadway rehabilitation.	\$140	\$140	\$0	Done w/PW f
Graham Hill Road Safety Improvements near Roaring Camp	CO 02	Shoulder widening, 2000 ft two-way left turn lane, bike lanes, drainage and lighting improvements.	\$2,350	\$2,350	\$0	06/07
Green Valley Rd. Rehab: Cowles Rd to city limits	CO 42	Roadway rehabilitation.- State only STIP	\$346	\$346	\$0	When STIP A
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.	\$3,500	\$3,500	\$0	

## Projects Within Projected Funds

All Figures in '000s (thousands of dollars)

Project Title	ID	Project Description/Scope	Est total	Total Constrained	Unconstrained	Est. Timing
Holohan Rd Intersection Improvements (at State Hwy 152)	CO-P28e	Intersection improvements including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and drainage improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$1,000	\$1,000	\$0	
Hwy 1 Ped Overcrossing at Mar Vista	CO-P34	Pedestrian overcrossing of Highway 1 at Mar Vista.	\$2,000	\$2,000	\$0	
La Madrona Dr Improvements (El Rancho Dr to City of Scotts Valley)	CO-P14	Bike lanes, sidewalks, transit turnouts, left turn pockets at Sims Road, Highway 17, and El Rancho Road), merge lanes, and intersection improvements. Also includes major rehabilitation, drainage and maintenance.	\$3,000	\$3,000	\$0	
Lake Avenue Improvements	CO-P44	Constructing a sidewalk, improving bike facilities, intersection improvements, major road rehabilitation, road maintenance, maybe drainage improvements, landscaping, and new transit stops.	\$500	\$500	\$0	
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.	\$500	\$500	\$0	
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.	\$250	\$250	\$0	2004
Mt Hermon Rd. Improvements (Lockwood Ln to Graham Hill Rd)	CO-P26q	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements	\$2,500	\$2,500	\$0	
Mt Hermon/Graham Hill Rd Intersection Modifications	CO 37	Intersection Modifications (turn lanes, acceleration lanes, signal modifications/timing, drainage, landscaping, improved ped and bike facilities)	\$301	\$301	\$0	Sept 04
Mt. Hermon Rd. Rehab: Zayante Bridge to 1 mi. E of Graham Hill	CO 46	Roadway rehabilitation.- State only STIP	\$122	\$122	\$0	When STIP A
Opal Cliff Dr. Improvements (41st Av to Portola Dr)	CO-P31g	Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$1,000	\$1,000	\$0	
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.	\$500	\$500	\$0	
Rio Del Mar Blvd. Improvements (Cliff Dr to State Hwy 1)	CO-P30n	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.	\$2,500	\$2,500	\$0	
Robertson Street Improvements (Soquel Wharf Rd to Soquel Dr.)	CO-P16	Left turn pocket at Soquel Wharf Rd. Add bike lanes, transit turnout, sidewalks, and rehabilitation and maintenance, drainage improvements. Roadside: sidewalks, landscaping, and new transit facilities.	\$3,000	\$3,000	\$0	
San Andreas Rd Rehab: Zils to La Selva	CO 44	Roadway rehabilitation.- State only STIP	\$450	\$450	\$0	When STIP A
San Andreas Rd. Improvements (Hwy 1 to Buena Vista Dr)	CO-P30o	Improvements of roadways and roadsides on various Major Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road and roadsides.	\$1,000	\$1,000	\$0	
San Lorenzo River Corridor Bike Path - Study	CO-P46	Study regarding constructing a pedestrian and bike path along Highway 9/San Lorenzo River corridor. Only feasibility study currently funded.	\$20,200	\$200	\$20,000	Study - 1/05

## Projects Within Projected Funds

All Figures in '000s (thousands of dollars)

Project Title	ID	Project Description/Scope	Est total	Total Constrained	Unconstrained	Est. Timing
Sanctuary Scenic Trail	CO 32	Signs for interpretive bike/ped trail from Wilder Ranch to New Brighton State Beach / Interpretive Sign Study. Study to develop conceptual designs for a trail logo, create a way finding system to orient trail users, and provide an interpretation system to showcase habitats.	\$1,648	\$148	\$1,500	
Seascape Blvd Improvements (Sumner Ave to San Andreas Rd)	CO-P26s	Roadway improvements and pavement rehabilitation	\$350	\$350	\$0	
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.	\$2,800	\$2,800	\$0	
Soquel Ave Rehab: Paul Minnie to Gross Rd	CO 43	Roadway rehabilitation.- State only STIP	\$360	\$360	\$0	When STIP A
Soquel Drive Improvements (Soquel Ave to Freedom Blvd)	CO-P19	Left turn pockets and signalization at Winkle Av. and Dover Drive. Signals at Willowbrook, Robertson, & Mattison. Major rehab, merge lanes, intersections improvements, signal coordination, transit turnouts, fill sidewalk gaps, some landscaping.	\$6,750	\$6,750	\$0	
Soquel-San Jose Rd Improvements (Soquel Dr to Summit Rd)	CO-P36	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements	\$1,500	\$1,500	\$0	
Spreckels Dr/Treasure Island Dr Improvements	CO-P42	Addition of bike lanes, intersection improvements, major road rehabilitation, road maintenance, and maybe drainage improvements.	\$500	\$500	\$0	
Spreckles Dr Improvements (Soquel Dr to Aptos Beach Dr)	CO-P27k	Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement.	\$1,000	\$1,000	\$0	
State Park Drive Improvements	CO 36	Project to enhance pedestrian, bicycle and transit operations, rehab roadway in Seacliff commercial area.	\$960	\$960	\$0	Sept 05
State Park Drive Improvements Phase 2	CO-P20	Transit turnouts, two way left turn lane, merge lanes, signal at Searidge, and intersection improvements. Fill gaps in bike and ped facilities. Plus, major rehabilitation and maintenance, drainage improvements, landscaping.	\$1,150	\$1,150	\$0	
<b>County of Santa Cruz</b>			<b>Total Constrained</b>		<b>\$178,074</b>	
<b><i>Fish &amp; Game</i></b>						
Buena Vista Viewshed Acquisition	FG 1	Purchase 289-acre property to be managed by Dept of Fish & Game as part of Watsonville Wetlands Ecological Reserve.	\$4,500	\$4,500	\$0	
<b>Fish &amp; Game</b>			<b>Total Constrained</b>		<b>\$4,500</b>	
<b><i>Highway Construction Authority</i></b>						
Highway 1 Construction Authority (HCA)	RTC 24B	Operating costs for the Highway 1 Widening/HOV project oversight by this Joint Powers Authority (JPA). Annual cost: \$400K/yr for 12 years. Unconstrained costs could be covered by proposed sales tax measure and/or member contributions (\$300/yr for 3 years for PA/ED if funded)	\$4,900	\$900	\$4,000	
Highway 1 Widening/HOV Lanes - Environmental Review	RTC 24	Construct HOV lanes, add 3 pedestrian overcrossings, and operational improvements (ramp meters, modified intersections, TOS, soundwalls, auxiliary lane NB b/t Soquel & Morrissey, collector-distributor lanes b/t Bay-Porter & 41st).	\$8,000	\$8,000	\$0	2010-2015

## Projects Within Projected Funds

All Figures in '000s (thousands of dollars)

Project Title	ID	Project Description/Scope	Est total	Total Constrained	Unconstrained	Est. Timing
Hwy 1 Widening/HOV Lanes	RTC 24a	Project development for High Occupancy Vehicle (HOV) on Hwy 1 (Aptos to SC) Construction is currently on unconstrained list.	\$385,000	\$385,000	\$0	
<b>Highway Construction Authority</b>			<b>Total Constrained</b>		<b>\$393,900</b>	
<b>PVTMA</b>						
Pajaro Valley TMA Outreach	WAT 08	TDM Outreach to employers and workers in Pajaro Valley area. Avg annual cost: \$60K/yr	\$1,500	\$750	\$750	Ongoing
<b>PVTMA</b>			<b>Total Constrained</b>		<b>\$750</b>	
<b>SCCRTC</b>						
Bike Parking Subsidy Program	RTC 16	The project provides some free bicycle racks and subsidies for some bicycle racks, bicycle lockers and bicycle cages. 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.	\$558	\$558	\$0	
Clean Air Alternatives Promotion	RTC-P10	Public outreach promotion emphasizing alternative fuels for vehicles (autos, bikes, scooters, buses, etc.) Avg Annual Cost: \$25K/yr.	\$625	\$25	\$600	
Countywide Signal Battery Backup	RTC-P33	Funds for installation of backup power supplies (batteries) at critical intersections countywide to prevent accidents and gridlock during power outages.	\$500	\$500	\$0	
Don't Drive One in Five Promotion Phase II	RTC 20	Large scale advertising campaign to promote individual responsibility and action in addressing congestion and the air quality impacts of automobiles. 2004 RTP only shows cost of Phase 2. (\$300k of CMAQ remaining)	\$300	\$300	\$0	Ongoing
Expenditure Plan Bike Lanes and Sidewalks, including near schools**	RTC-P36	Expenditure Plan funded construction of sidewalks in identified areas and bike lane striping.	\$30,000	\$30,000	\$0	
Expenditure Plan Highway 1 Express Buses and Park and Ride Lots**	RTC-P38	Expenditure Plan funded Hwy 1 express buses and construction of park and ride lots	\$13,000	\$13,000	\$0	
Expenditure Plan local Street/Road Maintenance and Improvements**	RTC-P35	Expenditure Plan funded local street and road maintenance and improvements	\$53,000	\$53,000	\$0	
Expenditure Plan-Senior and Disabled Transportation**	RTC-P37	Expenditure Plan funded senior and disabled transportation projects	\$16,000	\$16,000	\$0	
Integrated Transportation Information Center Study	RTC-P13	Study to develop an integrated transportation information system. Would provide information on all available mode options at a given time. Would also link with existing Bay Area systems and SCMTD's scheduling information. Information will be available to travelers via strategically located kiosks, phone, or Internet. Includes avg annual operating cost: \$400K/yr	\$10,000	\$2,500	\$7,500	
Park and Ride Lot Development	RTC-P14	Identify, purchase land and construct Park & Ride lots for commuters countywide.	\$8,000	\$8,000	\$0	
Planning, Programming & Monitoring (PPM) - SB45	RTC 04	Monitor the progress of State Transportation Improvement Program projects, keep local agencies informed of STIP guidelines, program STIP funds as available, and oversee STIP amendments as needed. Avg annual cost:\$150K/yr.	\$2,500	\$2,500	\$0	ongoing
Rail/Trail Authority (RTA) - Operations	RTC-P03	Operating expenses for the rail/trail authority. Avg annual cost:\$200K/yr.	\$5,000	\$5,000	\$0	

## Projects Within Projected Funds

All Figures in '000s (thousands of dollars)

Project Title	ID	Project Description/Scope	Est total	Total Constrained	Unconstrained	Est. Timing
Rail/Trail Authority (RTA) Bicycle/Pedestrian Path Along Rail ROW: Plan and Env'l Review	RTC 21	Master Plan and environmental review for construction of a bicycle/pedestrian path adjacent to the Santa Cruz Branch rail line. A rails with trails facility. May be constructed in segments.	\$378	\$378	\$0	AfterR/acq
Rail/Trail Authority (RTA) Bike/Pedestrian Path Along SC Branch Rail Line-Construction**	RTC 21B	Expenditure Plan funded construction of a bicycle/pedestrian path adjacent to the Santa Cruz Branch rail line. A rails with trails facility. (est \$1million/mile)	\$30,000	\$20,000	\$10,000	
Rail/Trail Authority (RTA) Recreational Rail Infrastructure and Service	RTC 25	Seasonal passenger rail service between Capitola and Aptos/Seascape. 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	\$2,000	\$2,000	\$0	after ROW ac
Rail/Trail Authority (RTA)-SC Branch Rail Line Acquisition	RTC 03	Public purchase of the Santa Cruz Branch Rail Line right-of-way for future transportation purposes. Includes: estimated environmental studies, pre-acquisition, and acquisition costs	\$20,500	\$20,500	\$0	R/W 2004
Regional Land Use/Transportation Study	RTC-P24	Comprehensive study with local jurisdictions to identify areas where land use patterns could be modified to improve transportation. Investigate ways to establish job/housing balance. (AB2140-Keeley)	\$200	\$200	\$0	
Rideshare Program**	RTC 02	Program provides a matching service for carpoolers and vanpoolers, services and information about other alternative transportation modes such as transit, walking, bicycling, telecommuting. Avg annual cost: \$170K/yr. Also included in Expenditure Plan	\$4,250	\$4,250	\$0	Ongoing
Safe Routes to Schools Study	RTC-P30	Funds joint study with local jurisdictions and CTSC to assess pedestrian and bicycle safety near schools.(2 x \$100k)	\$200	\$200	\$0	
SAFE: Call Box System Along Highways	RTC-P01	Motorist aid system of telephone call boxes along all highways plus maintenance and upgrades. Call boxes directly linked to the local CHP communication center. Call boxes may be used to request assistance or report incidents. Avg Annual cost:\$230/yr.	\$5,750	\$5,750	\$0	
SAFE: Freeway Service Patrol	RTC 01	Maintain and expand tow truck patrols providing free service to motorists at commute hours and some weekends. Work with the CHP to quickly clear collisions, and remove debris from travel lanes to keep incident related congestion to a minimum and keep traffic moving.	\$5,750	\$5,750	\$0	Ongoing
SCCRTC Administration (TDA)	RTC-P07	SCCRTC Administration. Includes grants administration, TDA, STIP, STP/CMAQ. Avg annual cost: \$500K/yr	\$12,500	\$12,500	\$0	
SCCRTC Planning	RTC-P08	SCCRTC Planning Tasks. Includes long and short range planning, interagency coordination. Avg annual cost:\$500/yr.	\$12,500	\$12,500	\$0	
Transportation Development Act (TDA) Demonstration Projects	RTC-P15	TDA grant program to fund misc. demonstration projects not already listed. Avg annual cost: \$50/yr.	\$1,250	\$1,250	\$0	
Transportation Enhancement Projects	RTC-P23	Lump sum TEA-funded enhancements for streetscapes, landscaping, and acquisitions based on past avg of 18% in past to non-bike/ped projects.	\$1,650	\$1,650	\$0	
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. Avg Annual Cost: \$25K/yr.	\$625	\$100	\$525	ongoing
<b>SCCRTC</b>			<b>Total Constrained</b>		<b>\$218,411</b>	

## Projects Within Projected Funds

All Figures in '000s (thousands of dollars)

Project Title	ID	Project Description/Scope	Est total	Total Constrained	Unconstrained	Est. Timing
<b>SCMTD</b>						
ADA Paratransit Bus Replacements	MTD-02	Replace vans for ADA paratransit fleet (including Accessible Taxi program)	\$4,078	\$4,078	\$0	
ADA Service Expansion	MTD-P11	Add capacity to increase same-day trip opportunities 2011-2025. Annual cost: approx. \$1.17M/yr	\$17,520	\$17,520	\$0	
Bikes on Buses Expansion	MTD-P20	Add additional space for bikes on buses when/if new technology becomes available.	\$1,500	\$1,500	\$0	
Bus Replacements	MTD-03	Replace diesel buses which will not meet CARB emission standards in January, 2003	\$28,750	\$28,750	\$0	
Bus Replacements	MTD-P03	Replace diesel buses which will not meet CARB emission standards in January, 2003	\$28,750	\$28,750	\$0	
Bus Stop Improvements	MTD-P9	Install/replace shelters and benches.	\$7,500	\$7,500	\$0	
Consolidated Bus Operations Facility (MetroBase)	MTD-01	Construct a new facility at a centralized location to consolidate 7 operations, maintenace and administration facilities.	\$37,153	\$37,153	\$0	2006
Highway 17 Express Service Expansion	MTD-P12	Add weekend and holiday service hours for Highway 17 express. Extend trips to Metro Center in Santa Cruz. Capital and Operating costs. Unconstrained=possible expansion south of Soquel and other destinations in Santa Clara Valley. Annual cost: \$500K/yr.	\$21,000	\$10,500	\$10,500	
Local Transit Service Expansion	MTD-P14	Expand local service 10% including expanded service within SLV, City of SC and Watsonville, express buses, improved service to industrial areas. \$25M operating, \$7.2M capital costs (9 buses & onetime replacement)	\$32,200	\$32,200	\$0	
Metro Bus Replacements 2016-2025	MTD-P04	Replace fleet at the end of normal bus lifetime.	\$40,000	\$40,000	\$0	
Metro System Automated Customer Service	MTD-P16	Install advanced customer information telephone and web system which would automate delivery of route and schedule information.	\$200	\$200	\$0	
Replacement Transit Fareboxes	MTD-P05	Electronic registering fareboxes will be eligible for replacement by 2013, includes prepaid card fare collection program.	\$2,000	\$2,000	\$0	
Santa Cruz Metro Center Rehab (Pacific Station)	MTD-13	Rehabilitate Metro Center to accommodate additional bus lanes. Add ROW to include expanded layover area for buses. Part of larger redevelopment project that includes housing and retail.	\$6,000	\$6,000	\$0	Pending fund
Transit Alternative Fuel Conversions	MTD-P25	Capital project for the one-time cost of converting new diesel buses to alternative fuel at the first overhaul in 2006	\$3,200	\$3,200	\$0	
Transit Mobility Training Program Expansion	MTD-P19	Hire additional staff, increase public outreach, and incorporate recommendations from 2001 ADA audit for mobility training program for 15 years to encourage fixed route rather than paratransit use. Avg annual cost: \$80K/yr	\$1,215	\$1,200	\$15	
Transit Service Operations and Maintenance	MTD-P10	Maintain current transit level of service through 2025. Includes paratransit and non-urban service. Annual cost: approx. \$29M/yr	\$731,744	\$731,744	\$0	
Transit Technological Improvements	MTD-P6	Install new radios, Automatic Vehicle Locator system and bus stop annunciators (Talking Bus) on all METRO buses. Real time bus arrival/departure displays at stops.	\$5,350	\$5,350	\$0	
UCSC Bus Service Expansion	MTD-P13	Increase frequency on routes serving UCSC to eliminate standing loads: Capital and Operating costs	\$12,300	\$12,300	\$0	

## Projects Within Projected Funds

All Figures in '000s (thousands of dollars)

Project Title	ID	Project Description/Scope	Est total	Total Constrained	Unconstrained	Est. Timing
Web-Based Transit Route Info	MTD-P22	Provide door to door travel information via the Internet using geographical information software.	\$300	\$300	\$0	
<b>SCMTD</b>			<b>Total Constrained</b>		<b>\$970,245</b>	
<b>SCTMA</b>						
Bike To Work Project	RTC-Eco	Countywide educational program to encourage bicycle commuting. Coordinates efforts with local businesses and community organizations to promote bicycling on a regular basis. Provides referrals to community resources. Avg annual cost: \$62K/yr.	\$620	\$620	\$0	Ongoing
Carsharing Program	RTC-P27	Non-profit program, through the Santa Cruz TMA, to assist people in sharing a vehicle for occasional use.	\$2,500	\$2,500	\$0	
SCTMA Congestion Education Campaign	RTC 17	Community organization that promotes alternative commute choices. Works with employers, create incentives for commuters to get out of SOVs including: emergency ride home, interest-free bike loans, Bike to Work promo, commuter club, discounted bus passes. Avg annual cost: \$90K/yr	\$2,250	\$1,000	\$1,250	Ongoing
<b>SCTMA</b>			<b>Total Constrained</b>		<b>\$4,120</b>	
<b>Transportation Agency for Monterey</b>						
Pajaro Rail Station Design and Construct	CT-P19	Passenger parking and station facilities and existing track upgrade to accommodate the extension of Caltrain Peninsula Rail service to Salinas. \$2M is possible SC county match. TAMC is lead (est total cost=\$8,312), Mont county has \$4M secured.	\$2,000	\$2,000	\$0	
<b>Transportation Agency for Monterey</b>			<b>Total Constrained</b>		<b>\$2,000</b>	
<b>UCSC</b>						
Hagar/Coolidge Dr. Signalization	UC-P16	Signalize intersection.	\$250	\$250	\$0	
Heller/Empire Grade Intersection Improvements	UC-P09	Signalize intersection.	\$250	\$250	\$0	
Spring Street Bikeway	UC-P34	Construct bikeway connecting Spring Street to Hagar Ct.	\$200	\$200	\$0	
UCSC - Western Dr. Bike/Pedestrian Path Connection	UC-P43	Install a Class 1 bicycle/pedestrian facility to connect the lower end of the existing UCSC bike path with existing bike lanes on Empire Grade near Western Drive.	\$300	\$300	\$0	
UCSC Disability Van Vehicle Acquisition and Replacement	UC-P28	Improved paratransit services for individuals living with disabilities to minimize SOVs.	\$188	\$188	\$0	
UCSC Main Entrance Improvements	UC-P01	Realign roadway, transit pullout/shelter, relocate bike parking, construct pedestrian path, historic resource analysis.	\$540	\$540	\$0	
UCSC Pedestrian/Transit Zone	UC-P44	Pedestrian safety improvements including, colored/textured asphalt and signage at various locations on core campus roadways.	\$500	\$500	\$0	
<b>UCSC</b>			<b>Total Constrained</b>		<b>\$2,228</b>	
<b>Volunteer Center</b>						
Volunteer Center Transportation Program	VC-P1	Program providing specialized transportation for out of county trips.	\$1,503	\$1,503	\$0	

**Projects Within Projected Funds**

*All Figures in '000s (thousands of dollars)*

Project Title	ID	Project Description/Scope	Est total	Total Constrained	Unconstrained	Est. Timing
<b>Volunteer Center</b>				<b>Total Constrained</b>		
					<b>\$1,503</b>	
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<b><i>Watsonville Airport</i></b>						
Lump Sum Watsonville Airport Projects	AIR-P01	Includes new access, lights, runway extensions, and maintenance from 1999 CIP.	\$7,428	\$7,428	\$0	
<b>Watsonville Airport</b>				<b>Total Constrained</b>		
					<b>\$7,428</b>	
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				<b>Total Within Projected Funds</b>		
					<b>\$2,392,374</b>	

\*For several projects no cost est was available thus was not included in this total

\*\*Sales tax expenditure plan projects except for Highway 1 are included under SCCRTC until the expenditure plan projects and entities are finalized