



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

AGENDA

Thursday, January 17, 2013

1:30 p.m.

**RTC, Conference Room
1523 Pacific Avenue, Santa Cruz, CA**

***NOTE: ITAC to be followed at 3pm by meeting hosted by AMBAG on
SB375 Sustainable Communities Strategy (SCS) – Land Use Initiative.
Please plan to attend. See end of agenda for more information.***

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

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

4. Additions or deletions to consent and regular agendas

CONSENT AGENDA

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

5. Approve Minutes of the December 20, 2012 ITAC meeting -Page 3

REGULAR AGENDA

6. Status of ongoing transportation projects, programs, studies and planning documents - Verbal updates from project sponsors
7. Preliminary Recommendations Regional Surface Transportation Program (RSTP) -Page 6
 - a. Staff report
8. Project Prioritization for the 2014 Regional Transportation Plan (RTP) -Page 14
 - a. Staff report
 - b. Preliminary Project List

9. Regional Transportation Plan Draft Financial Element - *Page 49*
 - a. Staff report
 - b. Draft Financial Element

NEXT MEETING: The next ITAC meeting is scheduled for **February 21, 2013** at **1:30 PM** in the SCCRTC Conference Room, 1523 Pacific Avenue, Santa Cruz, CA.

ADJOURN – Following a brief break, ITAC members are encouraged to attend the AMBAG Land Use Initiative meeting

SPECIAL MEETING

3:00PM - Land Use Initiative for the Metropolitan Transportation Plan (MTP) and Sustainable Communities Strategy (SCS) Meeting, hosted by AMBAG
Planning and Public Works Departments should send representatives

At this meeting AMBAG will present the first draft of the Land Use Initiative typology system for review. AMBAG is seeking the input of both planning and public works departments as the final land use system and transportation network reflected in the MTP and RTPs will have impacts on the transportation projects that are included in the 2014 MTP/SCS.

The Land Use Initiative is a place-based land use planning project that will establish a typology system in coordination with the local jurisdictions. That typology system will be applied to all of the urban areas in the region to establish a Base Case Scenario for the SCS, and will need to be consistent with each jurisdiction's general plan. This is the first step towards developing the land use component of the SCS for the MTP. The input AMBAG receives at this meeting will be incorporated into a draft typology system and Base Case Scenario which will be presented at the Planning Directors forum scheduled for January 31st at 11:00 am at the Marina Community Library.

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

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

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

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

DRAFT MINUTES

Thursday, December 20, 2012
1:30 p.m.

City of Santa Cruz - Planning and Community Development, Conference Room
809 Center Street, Room 107, Santa Cruz, CA

ITAC MEMBERS PRESENT

Teresa Buika, UCSC
Piet Canin, Ecology Action
Russell Chen, County Planning Proxy
Mark Dettle, City of Santa Cruz Planning Proxy
Murray Fontes, City of Watsonville Community Development Proxy
Maria Esther Rodriguez, City of Watsonville Public Works
Alan Romero, MBUAPCD
Chris Schneider, City of Santa Cruz Public Works
Steve Wiesner, County Public Works
Majid Yamin, City of Scotts valley Public Works and Planning Proxy

STAFF PRESENT

Cory Caletti
Rachel Moriconi

OTHER PRESENT

Amelia Conlen, People Power
Cameron Potratz, Community Member
Paul Schoellhamer, Friends of Rail and Trail
Cheryl Schmidt, City of Santa Cruz Public Works

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1. Call to Order – Chair Chris Schneider called the meeting to order at 1:35 p.m.
 2. Introductions – Self introductions were made.
 3. Oral communications – Rachel Moriconi announced that AMBAG will be hosting a workshop on the Land Use Initiative component of the Metropolitan Transportation Plan Sustainable Communities Strategy following the January 17, 2013 ITAC meeting.
 4. Changes to consent and regular agendas – A list of Regional Surface Transportation Program (RSTP) grant applicants was distributed for Item 10.

CONSENT AGENDA (Rodriguez/Dettle) approved unanimously

5. Approved minutes of the October 18, 2012 ITAC meeting
6. Received Caltrans District 5 SHOPP Updates

REGULAR AGENDA

7. Status of ongoing transportation projects, programs, studies and planning documents - Verbal updates from project sponsors

Ecology Action: Piet Canin reported that they are finishing work for installation of 40 electric vehicle (EV) stations in the Monterey Bay Area.

UCSC: Teresa Buika reported that the University is working on the AB2766-funded CNG slowfill fuel project and EV charging stations in parking areas project.

MBUAPCD: Alan Romero reported that the Air District awarded \$1.8 million in AB2766 grants in late September. Approved projects included a roundabout at Pennsylvania and Cliff Street in Watsonville, fleet vehicle replacements for the County of Santa Cruz, projects noted above, as well as bus rapid transit and roundabout projects in Monterey County. Phase 2 of the AMBAG Bike Travel Demand Model was also funded, with the Phase 1 model update expected to be rolled out with a web-based tool available for everyone in early 2013. To improve data, he encouraged everyone to use the Cycle Tracks application developed by San Francisco MTA.

SCCRTC: Rachel Moriconi reported that Regional Transportation Plan (RTP) project lists will be presented at the January meeting. A Request for Proposals (RFP) for Construction Management of the Rail Line Improvements project has been released.

Watsonville: Maria Rodriguez reported that work is underway on Highway Safety Improvement Program (HSIP) and Safe Routes to Schools-funded projects, as well as the Airport Boulevard project. Five people, including Director David Koch, are retiring from Public Works today.

County of Santa Cruz: Russell Chen reported that several storm damage repair projects are underway; work on Soquel-San Jose Road and bond-funded culvert replacements countywide are done; the Graham Hill Road project is essentially complete; work on Calabazas Road was started, though requires gas line relocation, and the project will restart towards the end of January 2013. A construction contract for storm damage repairs on Empire Grade was recently awarded, with tree removal to start in January and the majority of construction to begin in April. The Lockwood Lane/Graham Hill Road signal is to be operational in mid-January. Sanitation work in the Freedom Boulevard area continues. Pavement management program work is on hold through the winter.

Santa Cruz: Chris Schneiter reported that the City Hall solar project is underway; the Chestnut Street hill opened. The City is awarding a contract for the downtown Electric Vehicle stations project. The City will be doing a sewer replacement project on Ocean Street from Ocean St. Extension to Water Street which will impact traffic, especially northbound lanes. Due to weather, the Front St./River St./Soquel Dr rehabilitation project has been delayed. The Gault Elementary School SRTS project is to begin in February.

8. Draft 2013 State and Federal Legislative Programs

Rachel Moriconi provided an overview of the RTC's Draft State and Federal Legislative Programs and requested that Committee members identify any additional legislative issues that the RTC should pursue or monitor in 2013. Key issues for 2013 include implementation of MAP-21 and legislation to lower the voter threshold for transportation ballot measures. Piet Canin expressed disappointment that the Governor vetoed the 3-foot passing bicycles bill and noted that statewide bicycle groups will be pushing for passage this year. Ms. Moriconi noted that the RTC has not taken a position in the past on the issue, but that the legislative program includes support for legislation that would improve conditions for bicyclist and pedestrians, including safety and access. She noted that as specific bills are introduced staff will evaluate and make recommendations for any RTC positions where appropriate. She encouraged ITAC members to inform staff of relevant bills throughout the year.

9. Monterey Bay Sanctuary Scenic Trail Network Draft Master Plan

Cory Caletti provided an overview of the MBSST Master Plan. She emphasized that implementation and maintenance of the trail system is expected to be done by local jurisdictions, resource agencies such as State Parks, and others, with the RTC possibly managing construction of some sections. She noted that local jurisdictions will be requested to accept and/or adopt the plan, which will act as a guiding document for implementation. She requested input on options for selecting sections to receive funds that are currently programmed for construction and components of the plan.

Local jurisdictions indicated interest in implementing sections of the trail. Issues raised for RTC staff consideration included:

- Have the RTC act as the lead for environmental review and permitting for some sections
- Minimize sections subject to federal requirements
- Provide clarification on how involved the Coastal Commission and PUC will be in approving trail construction
- Consider prioritizing sections that fill gaps, recognizing that in urban areas already have some parallel infrastructure and therefore may not be the most critical
- Cutting trees may raise concerns for adjacent neighbors along the rail line
- Consider constructing some segments that can be completed quickly, even if they rank as lower priorities
- Sections along the rail line that provide access to schools may be eligible for Safe Routes to Schools grants
- Provide clarification that rail bridges will not be able to accommodate the trail, but rather new structures would be needed. Right-of-way constraints for bridge landings will be a challenge for constructing parallel structures in some areas.

Several attendees noted that the document is very well done, easy to use by the public, and provides a good amount of detail. Piet Canin noted that Ecology Action is helping FORT identify private funding options also.

12. Regional Surface Transportation Program (RSTP) Update

Rachel Moriconi distributed a list of applications received for the current Regional Surface Transportation Program (RSTP) cycle. Preliminary staff recommendations will be presented at the January ITAC meeting.

The meeting adjourned at 2:30 p.m. The next ITAC meeting is scheduled for **January 17, 2013 at 1:30 PM** in the SCCRTC Conference Room, 1523 Pacific Avenue, Santa Cruz, CA.

Minutes prepared by: Rachel Moriconi

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TO: RTC Advisory Committees

FROM: Rachel Moriconi, Senior Transportation Planner

RE: Preliminary Recommendations Regional Surface Transportation Program (RSTP) Grants

RECOMMENDATION:

Staff recommends that the Bicycle Committee, Elderly/Disabled Transportation Advisory Committee, and Interagency Technical Advisory Committee (ITAC):

1. Recommend the Regional Transportation Commission (RTC) approve projects for approximately \$5 million in Regional Surface Transportation Program (RSTP) funds ([Attachment 1](#)).
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BACKGROUND

The Santa Cruz County Regional Transportation Commission (RTC), as the state-designated Regional Transportation Planning Agency (RTPA) for Santa Cruz County, is responsible for selecting projects to receive a variety of state and federal funds. This includes Regional Surface Transportation Program (RSTP) funds from the "highway" portion of the federal transportation act (MAP-21). RSTP funds can be used on a variety of projects, as outlined in the federal transportation act. These include: highway, local street and road, transit and paratransit capital, bicycle, pedestrian, carpool, safety, and bridge projects.

There are over \$5 million in FY12 and FY13 RSTP funds currently available for programming in Santa Cruz County. In November the RTC issued a call for projects for these funds, with applications due December 14, 2012.

DISCUSSION

The RTC received applications for 19 projects totaling over \$8 million. While all of the projects are consistent with RTC approved goals, policies, and targets for improving the Santa Cruz County transportation system, given limited funds, it is not feasible to fund all of the projects. [Attachments 1 and 2](#) summarize the projects that were submitted, as well as preliminary staff recommendations. Staff generally recommends funding a maximum number of projects, by partially funding many projects. In some instances project sponsors may need to reduce project scope to match reduced funding if construction bids do not come in below engineers' estimates. The staff recommendation takes into consideration project sponsor priorities, an evaluation of the benefits identified by project sponsors, the number of travelers directly benefiting from each project, the degree to which projects help achieve regional goals and targets (including access, safety, greenhouse gas reductions, reduced vehicle miles traveled, and system preservation), as well as geographic distribution.

Project applications, which provide expanded project descriptions, support letters and other information submitted by applicants, are online at:

<http://sccrtc.org/funding-planning/project-funding/>.

Next Steps

Staff recommends that the RTC Advisory Committees recommend projects to receive RSTP funds at their January 2013 meetings. The RTC will hold a public hearing, consider staff and committee recommendations, and adopt the final list of projects at either its February or March meeting. Following funding approval, projects will be implemented over the next two years, as shown in project applications and Attachment 1.

SUMMARY

Approximately \$5 million in Regional Surface Transportation Program (RSTP) funds are available for programming. Staff recommends that the RTC Advisory Committees recommend projects to receive those funds.

Attachments:

1. Project Applications Received
2. Preliminary Staff Recommendations

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Applications Submitted for RSTP

Approx. \$5 million available regionwide (from FY12&FY13 RSTP apportionments)

RTC to Select Projects Following Committee Review in January and a Public Hearing February or March 2013

Funds in \$000 (thousands)

RTP #	Implementing Agency	Project	Description	Request	Total Cost	Sponsor Priority #	Staff Rec.	Implementation-Construction Schedule	# of Users
NEW (portions of CO-P19 & CO-P30p)	County of SC	Aptos Village Plan Improvements	Modifications to ped, bike, and auto traffic on Soquel from 350 ft west of Aptos Creek Rd to 150 ft east of Trout Gulch Rd (1230 ft). Add pedestrian facilities on south side of Soquel Dr; maintain existing bike lanes; new bus pullout and shelter on north side. Trout Gulch from Soquel to Valencia D8St (390 ft), replace sidewalks with standard sidewalks on east side, ADA upgrades to west side sidewalks. Install traffic signals at Soquel Dr/Aptos Creek Rd & Soq/Trout Gulch. RR crossing modifications - new crossing arms, concrete panels for vehicle and pedestrian crossings.	\$920	\$3,377	1 of 7	\$690	Aug 2013-Fall 2014	Over 15,000/day
CO-P35	County of SC	17th Ave Cape Seal: Brommer to East Cliff (0.62mi)	Pavement maintenance, isolated section digout and asphalt replacement and cape seal on entire roadway.	\$321	\$363	not prioritized	\$241	Summer-Winter 2014	Approx 14,000/day
CO-P35	County of SC	East Cliff Drive Cape Seal: 12th-17th (0.35mi)	Pavement maintenance, isolated section digout and asphalt replacement and cape seal on entire roadway.	\$197	\$222		\$147	Summer-Winter 2014	Approx 16,000/day
CO-P35	County of SC	Empire Grade Chip Seal: City of SC limits to 130' N of Heller Drive (0.71mi)	Pavement maintenance, isolated section digout and asphalt replacement and cape seal on entire roadway.	\$290	\$328		\$218	Summer-Winter 2014	Approx 11,000/day
CO-P35	County of SC	Green Valley Rd Chip Seal: Devon Ln to Melody Ln (0.58 mi)	Pavement maintenance, isolated section digout and asphalt replacement and cape seal on entire roadway.	\$230	\$260		\$173	Summer-Winter 2014	Approx 21,000/day
CO-P35	County of SC	Mt. Hermon Rd Overlay: Graham Hill to 1000' N of Locatelli Ln (1.34mi)	Pavement maintenance, isolated section digout and asphalt replacement and cape seal on entire roadway.	\$740	\$836		\$555	Summer-Winter 2014	Approx 19,000/day
CO-P35	County of SC	Porter Street Overlay: City of Capitola Limits to 288' N/O Soquel Dr (0.34mi)	Pavement maintenance, edge grinding, isolated section digout and asphalt replacement and 2" overlay on entire roadway.	\$302	\$341		\$227	Summer-Winter 2014	Approx. 22,000/day
SC-P07	Santa Cruz City	Laurel St Pavement Rehabilitation: Front St to Mission St (.94mi)	Rehab roadway, possibly with cold-in-place recycling method, new access ramps and sidewalk repairs (Excludes recent improvement between Felix and Blakburn.)	\$900	\$1,120	1 of 4	\$810	Summer 2013	Over 20,000/day

RTP #	Implementing Agency	Project	Description	Request	Total Cost	Sponsor Priority #	Staff Rec.	Implementation-Construction Schedule	# of Users
SC-P34	Santa Cruz City	Branciforte Bike and Pedestrian Bridge (near Soquel Ave and Dakota St)	Construct bridge over Branciforte Creek and connect to existing San Lorenzo River multi-use trail	\$400	\$2,651	2 of 4	\$360	Sept 2014-June 2015	Approx. 1000/day
SC 42	Santa Cruz City	Soquel at Frederick St Improvements	Minor widening at intersection to improve through-lane transition on Soquel Ave and lengthen right-turn pocket on Frederick St. Upgrades access ramps as necessary.	\$250	\$300	3 of 4	\$0	Sept 2014- Feb 2015	Over 30,000/day
SC 23	Santa Cruz City	West Cliff Multi-use Path Minor Widening: Lighthouse to Swanton Blvd (2.5mi)	Widen along edges from 1-4 feet into unimproved adjacent areas; install header board and/or concrete curbs at new asphalt path edge. New access ramps; bike parking.	\$400	\$500	4 of 4	\$0	Sept 2013-Jan 2014	3000/day peak season
SV-P27	Scotts Valley	Scotts Valley Dr Slurry Seal and Restriping: Bean Ck Rd to Victor Square (1.4mi)	Slurry seal resurfacing and restriping	\$300	\$323	1 of 2	\$225	Spring 2014	Over 17,000/day
SV-P27	Scotts Valley	Mt. Hermon Rd/SV Dr/Whispering Pines Intersection Modifications	Add turn lanes, modify signal timing, install bike loop detectors, ped signal countdowns, re-synch to other signals.	\$400	\$446	2 of 2	\$0	Spring 2014	Over 35,000/day
WAT-P01	Watsonville	Freedom Blvd Reconstruction: Broadis to Alta Vista Ave (0.8mi)	Full depth rehab (reuse existing materials), relocate utilities, traffic signal detection upgrades/install traffic cameras, concrete pads at bus stops, signage and striping, including sharrows for bikes, ADA upgrades to curbs and driveways, replacement of existing curb, gutter, sidewalk; modification to retaining wall between Crossview & Alta Vista	\$1,200	\$2,400	1 of 1	\$900	Jan-Sept 2014	Over 26,000/day
RTC 01	RTC	Freeway Service Patrol	Tow truck patrols on Highway 1, work with CHP to assist disabled motorists, remove incidents, and clear obstacles impeding traffic flow during peak travel periods.	\$405	\$675	1 of 2	\$270	FY13/14-FY15/16	Approx 800 direct/year; 35,000/day indirect
RTC 02	RTC	Rideshare Program	TDM outreach, education and incentives. Includes ridesharing for carpools, vanpools, and bicyclists. Provides services and info about avail and benefits of alternatives travel modes.	\$550	\$614	2 of 2	\$400	FY13/14-FY14/15	400/year carpool matches; 1800 web visitors/
NEW	CHSA/HUB	Santa Cruz County Open Streets	Community events promoting behavior changes whereby citizens choose alternatives to driving alone as part of a sustainable, healthy and active life-style. Temporarily opens roadways to bicycles and pedestrians only, diverting automobiles to other roadways. Includes information booths, bike skills courses, foot races, dance and climbing.	\$154	\$216	1 of 1	\$25	Spring 2014-Spring 2015	28,000 total if 4 locations
NEW	Ecology Action	Boltage: Bike/Walk School Incentive and Tracking Program	Bike/walk tracking and incentive program and three elementary schools; uses tech to encourage biking and walking to schools with RFID reader.	\$40	\$46	1 of 1	\$25	Spring 2014-Spring 2015	693 students
NEW (MTD-P20 related)	SC METRO/ Ecology Action	Ride On Folding Bike Program	Pilot program to distribute discount vouchers for purchase of up to 100 folding bikes for riders of the Hwy 17 Express commuter bus route.	\$85	\$97	1 of 1	\$0	Sept 2014-Mar 2015	100 total
TOTAL Requests				\$8,084	\$15,115		\$5,265		

PRELIMINARY STAFF RECOMMENDATIONS

2013 Regional Surface Transportation Program (RSTP)

Project applications, with expanded project descriptions, support letters and other information submitted by applicants, available online at: <http://sccrtc.org/funding-planning/project-funding/>

Summary of Staff Recommendations: Generally recommends funding a maximum number of projects, by partially funding many projects. In some instances project sponsors may need to reduce project scope to match reduced funding if construction bids do not come in below engineers' estimates. The staff recommendation takes into consideration project sponsor priorities, number of travelers benefiting from each project, degree to which projects help achieve regional goals and targets, and geographic distribution.

Aptos Village Plan Improvements

Project Sponsor: County of Santa Cruz

Requested Funds: \$920,000

Description: Modifications to ped, bike, and auto traffic on Soquel Drive from 350 ft west of Aptos Creek Rd to 150 ft east of Trout Gulch Rd (1230 ft): add pedestrian facilities on south side of Soquel Dr; maintain existing bike lanes; new bus pullout and shelter on north side. Trout Gulch from Soquel Dr to Valencia St (390 ft): replace sidewalks with standard sidewalks on east side, ADA upgrades to west side sidewalks. Install traffic signals at Soquel Dr/Aptos Creek Rd & Soquel Dr/Trout Gulch. RR crossing modifications - new crossing arms, concrete panels for vehicle and pedestrian crossings.

Key Benefits: Multimodal safety, circulation, access, facilitate infill development.

Recommendation: **\$690,000.** 75% of requested funds.

17th Ave Cape Seal: Brommer to East Cliff (0.62mi)

Project Sponsor: County of Santa Cruz

Requested Funds: \$321,000

Description: Pavement maintenance, isolated section digout and asphalt replacement and cape seal on entire roadway.

Key Benefits: System preservation.

Recommendation: **\$241,000.** 75% of requested funds.

East Cliff Drive Cape Seal: 12th-17th (0.35mi)

Project Sponsor: County of Santa Cruz

Requested Funds: \$197,000

Description: Pavement maintenance, isolated section digout and asphalt replacement and cape seal on entire roadway.

Key Benefits: System preservation.

Recommendation: **\$147,000.** 75% of requested funds.

Empire Grade Chip Seal: City of SC limits to 130' N of Heller Drive (0.71mi)

Project Sponsor: County of Santa Cruz

Requested Funds: \$290,000

Description: Pavement maintenance, isolated section digout and asphalt replacement and cape seal on entire roadway.

Key Benefits: System preservation.

Recommendation: \$218,000. 75% of requested funds.

Green Valley Rd Chip Seal: Devon Ln to Melody Ln (0.58 mi)

Project Sponsor: County of Santa Cruz

Requested Funds: \$230,000

Description: Pavement maintenance, isolated section digout and asphalt replacement and cape seal on entire roadway.

Key Benefits: System preservation.

Recommendation: \$173,000. 75% of requested funds.

Mt. Hermon Rd Overlay: Graham Hill to 1000' N of Locatelli Ln (1.34mi)

Project Sponsor: County of Santa Cruz

Requested Funds: \$740,000

Description: Pavement maintenance, isolated section digout and asphalt replacement and cape seal on entire roadway.

Key Benefits: System Preservation

Recommendation: \$555,000. 75% of requested funds.

Porter Street Overlay: City of Capitola Limits to 288' N/O Soquel Dr (0.34mi)

Project Sponsor: County of Santa Cruz

Requested Funds: \$302,000

Description: Pavement maintenance, edge grinding, isolated section digout and asphalt replacement and 2" overlay on entire roadway.

Key Benefits: System preservation.

Recommendation: \$227,000. 75% of requested funds.

Laurel St Pavement Rehabilitation: Front St to Mission St (.94mi)

Project Sponsor: City of Santa Cruz

Requested Funds: \$900,000

Description: Rehab roadway, possibly with cold-in-place recycling method, new access ramps and sidewalk repairs. *(Excludes recent improvement between Felix and Blakburn.)*

Key Benefits: System preservation.

Recommendation: \$810,000. 90% of requested funds.

Branciforte Bike and Pedestrian Bridge (near Soquel Ave and Dakota St)

Project Sponsor: City of Santa Cruz

Requested Funds: \$400,000

Description: Construct bridge over Branciforte Creek and connect to existing San Lorenzo River multi-use trail.

Key Benefits: Fill gap in San Lorenzo River and Branciforte Creek path network. Improve bike/pedestrian safety by providing alternative access to Soquel Drive than through parking lot.

Recommendation: \$360,000. 90% of requested funds.

Soquel at Frederick St Improvements

Project Sponsor: City of Santa Cruz

Requested Funds: \$250,000

Description: Minor widening at intersection to improve through-lane transition on Soquel Ave and lengthen right-turn pocket on Frederick St. Upgrades access ramps as necessary.

Key Benefits: Safety, traffic flow.

Recommendation: **\$0.** Project is priority 3 of 4 projects submitted by sponsor. Project sponsor prefers increased funding for top two projects, rather than partial funding for three projects.

West Cliff Multi-use Path Minor Widening: Lighthouse to Swanton Blvd (2.5mi)

Project Sponsor: City of Santa Cruz

Requested Funds: \$400,000

Description: Widen along edges from 1-4 feet into unimproved adjacent areas; install header board and/or concrete curbs at new asphalt path edge. New access ramps; bike parking.

Key Benefits: System preservation, safety, expand capacity.

Recommendation: **\$0.** Project is priority 4 of 4 projects submitted by sponsor. While system preservation is very important, project not recommended for funding this cycle. Primarily serves recreational use.

Scotts Valley Dr Slurry Seal and Restriping: Bean Ck Rd to Victor Square (1.4mi)

Project Sponsor: Scotts Valley

Requested Funds: \$300,000

Description: Slurry seal resurfacing and restriping

Key Benefits: System preservation.

Recommendation: **\$225,000.** 75% of requested funds.

Mt. Hermon Rd/SV Dr/Whispering Pines Intersection Modifications

Project Sponsor: County of Santa Cruz

Requested Funds: \$400,000

Description: Add turn lanes, modify signal timing, install bike loop detectors, ped signal countdowns, re-synch to other signals.

Key Benefits: Safety, traffic flow.

Recommendation: **\$0.** Second priority for sponsor. Due to limited funds, not recommended for funds this cycle.

Freedom Blvd Reconstruction: Broadis to Alta Vista Ave (0.8mi)

Project Sponsor: Watsonville

Requested Funds: \$1,200,000

Description: Full depth rehab (reuse existing materials), relocate utilities, traffic signal detection upgrades/install traffic cameras, concrete pads at bus stops, signage and striping, including sharrows for bikes, ADA upgrades to curbs and driveways, replacement of existing curb, gutter, sidewalk; modification to retaining wall between Crestview & Alta Vista

Key Benefits: System preservation, access, safety.

Recommendation: **\$900,000.** 75% of requested funds.

Freeway Service Patrol

Project Sponsor: Santa Cruz County Regional Transportation Commission (RTC)

Requested Funds: \$405,000

Description: Tow truck patrols on Highways 1 and 17, work with CHP to assist disabled motorists, remove incidents, and clear obstacles impeding traffic flow.

Key Benefits: Traffic flow, safety; reduced fuel use, emissions and GHG.

Recommendation: **\$270,000.** Funding for two (rather than three) years.

Rideshare Program

Project Sponsor: Regional Transportation Commission (RTC)

Requested Funds: \$550,000

Description: Transportation Demand Management (TDM) outreach, education and incentives. Includes ridematching for carpools, vanpools, and bicyclists. Provides services and information about availability and benefits of alternatives travel modes.

Key Benefits: Reduce single occupancy vehicle use.

Recommendation: **\$400,000.** 73% of requested funds.

Santa Cruz County Open Streets

Lead Agency: Santa Cruz Hub for Sustainable Living (County Health Services Agency sponsor)

Requested Funds: \$154,000

Description: Community events promoting behavior changes whereby citizens choose alternatives to driving alone as part of a sustainable, healthy and active life-style. Temporarily opens roadways to bicycles and pedestrians only, diverting automobiles to other roadways. Includes information booths, bike skills courses, foot races, dance and climbing.

Key Benefits: Public education aimed at increasing use of sustainable forms of transportation.

Recommendation: **\$25,000, partial funding.** Application is for four events countywide.

Recommend partial funding for RSTP-eligible components specifically focused on travel demand management and safe travel to schools.

Boltage: Bike/Walk School Incentive and Tracking Program

Project Sponsor: Ecology Action (RTC would act as sponsor if funded)

Requested Funds: \$40,000

Description: Biking and walking incentive and tracking program at Starlight Elementary in Watsonville, Gault and Delaveaga Elementary schools in Santa Cruz. Boltage uses technology (Radio Frequency Identification (RFID) reader) and incentives to encourage daily biking and walking to school and provides ongoing data to show program use.

Key Benefits: Increase bicycle and walking trips to schools, reduce automobile trips.

Recommendation: **\$25,000, partial funding.**

Ride On Folding Bike Program

Project Sponsor: Santa Cruz Metropolitan Transit District (SC METRO) and Ecology Action

Requested Funds: \$85,000

Description: Pilot program to distribute discount vouchers for purchase of up to 100 folding bikes for riders of the Hwy 17 Express commuter bus route.

Key Benefits: Double the capacity for bicycles on Highway 17 express route; promote alternative transportation.

Recommendation: **\$0.** Not recommended for funding this cycle due to limited funds.

AGENDA: January 17, 2013

TO: Interagency Technical Advisory Committee

FROM: Ginger Dykaar, Transportation Planner

RE: Project Prioritization for 2014 Transportation Plans

RECOMMENDATIONS

Staff recommends that the Interagency Technical Advisory Committee (ITAC):

1. Review the draft project list and prioritization of projects for the 2014 Regional Transportation Plan and the 2014 Metropolitan Transportation Plan and provide input.
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BACKGROUND

As the transportation planning agency for Santa Cruz County, the Regional Transportation Commission (RTC) is responsible for developing, implementing, and regularly updating the Regional Transportation Plan (RTP) for Santa Cruz County. The RTC also works with the Association of Monterey Bay Area Governments (AMBAG) to produce and implement the Metropolitan Transportation Plan (MTP) for the Monterey Bay region. The RTP is the state-mandated long range/20+-year transportation plan and the MTP is the federally-mandated long range transportation plan. To more efficiently and effectively complete the two transportation plans, the RTC works with AMBAG to develop components that can be used for both transportation plans. The RTP and MTP include goals, targets and policies that are used to prioritize projects for funding (Policy Element); identify the area's transportation needs and plans (Action Element); and estimate the amount of state, federal, and local funds that may be available (Financial Element). Projects are required to be included in an RTP and/or MTP to receive certain transportation funds. The last updates of the RTP and MTP were completed in 2010.

DISCUSSION

The Action Element component of the RTP and MTP includes a list of transportation needs in the region through 2035. This past fall, RTC committees, members of the public and project sponsors identified projects to be considered for the RTP/MTP draft project list.

The project list will undergo various levels of review and analysis, which will ultimately determine which projects are put on the "constrained" list (projects that could be implemented within foreseeable revenues through 2035) or

“unconstrained” list (projects that could be funded if new revenues, above and beyond projections, are generated). These reviews include:

1. STARS Alternatives Analysis: Evaluation of how well individual projects and various groupings of projects achieve targets for 2014 RTP
2. Complete Streets Assessment: Analysis to ensure project list addresses “complete streets” needs for Sustainable Communities Strategy (SCS) Priority Growth Areas
3. Sustainable Communities Strategy/Greenhouse Gas Target Achievement Analysis of various combinations of land use and transportation scenarios
4. Project sponsor, Advisory Committee and public review of preliminary draft RTP project lists
5. Financial constraint analysis identifying what year projects could realistically be implemented, consistent with annual revenue projections
6. Program-level environmental review
7. Public review of the draft RTP/MTP and Draft EIR and board adoption of documents

The project list has been initially separated into 5 categories: 1–Definitely constrained, 2-High, 3-Medium, 4-Low, 5-Definitely Unconstrained (Attachment 1) based on how well they advance RTP and MTP goals and targets, the priority level identified by the project sponsor, and revenue projections. **RTC staff request that the committee provide input on the initial project prioritization for their jurisdiction and identify any additional projects or gaps in the transportation system that should be considered for the 2014 RTP.** In some instances projects identified as “definitely unconstrained” are not necessarily low priorities, but rather not financially feasible given current funding projections.

Once input from project sponsors, Advisory Committees, the RTC, and the public is incorporated into this stage of prioritization, higher priority projects will be grouped into packages of 3 to 4 different plan alternatives. Themes will be developed for these plan alternatives in conjunction with AMBAG and the other Regional Transportation Planning Agencies in the AMBAG region. The packages will be analyzed for their ability to advance certain targets and performance measures using the regional travel demand model (RTDM) and other tools. RTC staff will also work with AMBAG to evaluate the ability of the plan alternatives to achieve the SB 375 greenhouse gas emission targets, when combined with future land use projections. The outcome of this analysis will be to separate the projects into the “constrained” and “unconstrained” lists. Once separated into constrained and unconstrained, the project list will be brought back to the RTC, project sponsors, Advisory Committees and the public for review.

SUMMARY

RTC staff is in the process of developing the Action Element of the 2014 Regional Transportation Plan and 2014 Metropolitan Transportation Plan. Proposed projects have been categorized into 1–Definitely constrained, 2-High, 3-Medium, 4-Low, 5-

Definitely Unconstrained based on how well they advance the RTP and MTP goals and targets. Staff recommends that committee members provide input on project prioritization.

Attachments:

1. Draft Project List with project prioritization 1-5

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Preliminary RTP Project List and Prioritization

Santa Cruz County Transportation Project Needs through 2035

Project Title	ID	Project Description/Scope	Est Cost 1000's	RTC Staff Rank*
Caltrans				
Hwy 1 Ramp Metering	RTC 24a	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. Could be a stand-alone (\$20M) project, but currently expensed under the larger Hwy 1/HOV project (RTC 24).	\$0	4
Hwy 1 Scott Creek and Waddell Creek Bridge Replacements	CT-P40	Replacement of bridges due to chloride intrusion. (EA05-0F990)	\$60,000	4
Hwy 1 Vista Point Upgrade	CT-P31	Upgrade vista point near Aptos off Hwy 1. (EA05-44620)	\$1,000	5
Hwy 1: Revise Interchanges	RTC 24d	Interchange modifications to accommodate future widening alternatives of Route 1 between Hwy 17 and Aptos. Could be a stand-alone project (\$60M-approx. \$10M/interchange), but currently expensed under the larger Hwy 1/HOV project (RTC 24).	\$0	4
Hwy 17 Granite Creek/Santa's Village Rd interchanges-reconstruction	CT-P41	Consider removal of the NB ramps to/from Santa's Village Rd. Long term (when Granite Creek Rd Bridge needs to be replaced, reconfigure interchange to place ramps on Granite Creek. Obtain funds from sale of right of way near Santa's Village Rd to make more viable.	\$20,000	5
Hwy 17/Granite Creek Interchange Reconstruction	SV-P08	Realign/reconfigure the Granite Creek Road over crossing, add bike lanes and sidewalks. (EA 05-49380)	\$8,000	4
Lump Sum Emergency Response	VAR-P13	Lump sum for repair and restoration of damaged transportation facilities after a disaster, emergency opening. Est. of Santa Cruz County share for AMBAG region.	\$13,600	1
Lump Sum SHOPP: Bridge Preservation	CT-P43	The pupose of this program is to rehabilitate or replace transportation structures.	\$29,900	3
Lump Sum SHOPP: Collision Reduction	CT-P30	Collision reduction projects on state route system.	\$23,200	1
Lump Sum SHOPP: Legal Mandates	CT-P30b	Legally mandated projects on state route system, including storm water mitigation.	\$23,700	1
Lump Sum SHOPP: Roadway Preservation on State Hwys	CT-P29	Pavement repairs/roadway preservation and highway maintenance on state routes in Santa Cruz County.	\$20,500	3
Lump Sum SHOPP: Worker Safety	CT-P42	Minimize the frequency and duration of highway worker exposure to traffic by reducing repetitive maintenance activities and providing safe access.	\$1,400	2
Caltrans/RTC				
Hwy 1 Auxiliary Lanes: Bay/Porter to Park Avenue	RTC 24e	Add Northbound and Southbound Auxiliary Lanes. Reconstruct Capitola Avenue undercrossing. Includes shoulders for disabled vehicles, infrastructure for TSM elements, soundwalls, and landscaping. RTP cost included within RTC 24. Stand alone cost est. \$25M. (EA 05-0L090)	\$30,000	4

*1= project recommended to be on constrained list, 5= project recommended to be on unconstrained list, 2-4= further analyis required to determine if project on constrained or unconstrained list

Project Title	ID	Project Description/Scope	Est Cost 1000's	RTC Staff Rank*
Hwy 1 Auxiliary Lanes: State Park Dr. to Park Ave.	RTC 24g	Auxiliary lanes connecting freeway entrance ramp directly with the next exit ramp. Could be a stand-alone (\$48M) project, but currently expensed under the larger Hwy 1/HOV project (RTC 24).	\$0	4
CHP - California Highway Patrol				
Hwy 129 Safety Program	CHP-P03	Added CHP enforcement and public education campaign on Highway 129.	\$500	1-5
Hwy 17 Safety Program	CHP-P01	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
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.		4
City of Capitola				
38th Ave (Capitola Rd to City limit to south)-bike lanes/traffic calming	CAP-P45	38th Ave - Add buffered bike lanes, traffic calming and wayfinding signage from Capitola Mall to City Limit to south, and bike/ped priority crossing of Capitola Rd to Mall.	\$15	3
40th Ave (at Deanes Ln)Bike/Ped connection	CAP-P46	40th Avenue N/S bike/pedestrian connection at Deanes Lane.	\$5	3
40th Ave/Clares St Intersection Improvements	CAP-P38	Widen intersection and signalize	\$1,500	4
41st Ave (Soquel to Brommer) Signal Synchronization	CAP-P49	Update synchronization of signals on 41st. Coordinate synchronization of 41st Ave with Portola, Soquel and Capitola with County.	\$15	4
41st Ave (Soquel to Portola) crosswalks	CAP-P47	Increase number of crosswalks on 41st to closer to every 300 ft	\$15	3
41st Ave/Capitola Road Intersection Improvements	CAP-P37	Widen intersection and reconfigure signal phasing	\$500	4
46th/47th Ave (Clares to Cliff Dr) bike lanes/traffic calming	CAP-P40	46th/47th from Clares to Portola/Cliff - Add buffered bike lanes, traffic calming and wayfinding signage to connect to Brommer and MBSST.	\$15	2
47th Avenue Traffic Calming	CAP-P30	Traffic calming and traffic dispersion improvements along 47th Ave from Capitola Rd to Portola Drive.	\$100	3
Auto Plaza Drive Extension to Bay Avenue	CAP-P35	Extend Auto Plaza Drive over Soquel Creek to Bay Avenue. Includes improvements to Auto Plaza Drive	\$10,000	5
Bay Avenue Traffic Calming	CAP-P29	Traffic calming features along Bay Avenue from Highway 1 to Monterey Avenue, including left turn pocket.	\$400	3
Bay Avenue/Capitola Avenue Improvements	CAP-P08	Multimodal improvements to intersection. Roundabout	\$400	3
Bay Avenue/Hill Street Intersection	CAP-P07	Intersection improvements to improve traffic flow. Roundabout	\$200	4

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Project Title	ID	Project Description/Scope	Est Cost 1000's	RTC Staff Rank*
Bay Avenue/Monterey Avenue Intersection Modification	CAP-P32	Multimodal improvements to the intersection. Include signalization or roundabout along with pedestrian, bicycle and transit access.	\$300	4
Brommer Street Sidewalk and Bike Lanes	CAP-P22	Install sidewalk and bike lanes from 38th Avenue to 41st Avenue.	\$250	2
Brommer/Jade/Topaz St (Western City Limit on Brommer to 47thAve) bike lanes/traffic calming	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.	\$15	2
Capitola Intra-City Rail Trolley	CAP-P18	Construct & Operate Weekend Rail Trolley Service. Project includes installation of 3 stations.	\$14,000	5
Capitola Jitney Transit Service	CAP-P15	Purchase and operate local transit service.	\$1,000	4
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	3
Capitola Village Enhancements: Capitola Ave	CAP-P34	Multimodal enhancements along Capitola Avenue.	\$1,000	3
Capitola Village Multimodal Enhancements - Phase 2/3	CAP-P04b	Multimodal enhancements in Capitola Village along Stockton Ave, Esplande, San Jose Ave, & Monterey Av. Includes sidewalks, bike lanes, bike lockers, landscaping, improve transit facilities, parking, pavement rehab and drainage.	\$3,000	2
Capitola-wide HOV priority	CAP-P50	Evaluate HOV priority at signals and HOV queue bypass.	\$40	4
Citywide General Maintenance and Operations	CAP-P06	Ongoing maintenance, repair, and operation of road/street system within the City limits. (Const=\$400K/yr; Unconst=\$400K/yr)	\$20,000	1-5
Citywide Traffic Calming	CAP-P17	Install traffic calming/neighborhood livability improvements.	\$1,400	3
Clares St (Capitola Rd to 41st Ave)	CAP-P42	Add bike lanes to Clares.	\$0	2
Clares St/41st Ave bicycle intersection improvement	CAP-P43	Green lane and bike box at Clares W/B across 41st.	\$5	2
Clares Street Pedestrian Crossing west of 40th Ave	CAP-P16	Construct signalized ped x-ing 0.20 miles west of 40th Ave.	\$500	3
Clares Street Traffic Calming	CAP 11	Implementation of traffic calming measures: chicanes, center island median, new bus stop, and road edge landscape treatments to slow traffic. Construct new safe, accessible ped x-ing at 42nd and 46th Av.	\$425	2
Cliff Drive Improvements (combine with CAP 31 and 33)	CAP-P05	Installation of sidewalks, pedestrian crossing and slope stabilization of embankment including seawall.	\$1,500	4
Gross/41st Ave bicycle intersection improvement	CAP-P44	Green lane and bike box and bike priority signal from Gross E/B to 41st N/B.	\$15	2

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Project Title	ID	Project Description/Scope	Est Cost 1000's	RTC Staff Rank*
Hwy 1/41st Avenue Interchange	CAP-P01	Implement 41st Avenue & Bay Ave/Porter Ave single interchange improvements as detailed in Hwy 1 HOV project (RTC 24) as a stand alone project if the RTC project does not proceed.		5
Monterey Avenue at Depot Hill	CAP-P28	Improve vehicle ingress and egress to Depot Hill along Escalona Ave and improve pedestrian facilities.	\$250	4
Monterey Avenue Multimodal Improvements	CAP-P12	Installation of sidewalks and bike lanes in area near school and parks.	\$350	2
Pacific Cove Parking Lot expansion	CAP-P24	Construct multi level on Pacific Cove Parking for park-n-ride and visitor usage.	\$15,000	4
Park Avenue Sidewalks	CAP 15	Installation of sidewalks, plus crosswalks at Cabrillo and Washburn to improve access to transit stops. Links Cliffwood Heights neighborhood to Capitola Village. Currently only 4 short segments of sidewalk exist.	\$500	2
Park Avenue/Kennedy Drive Improvements	CAP-P09	Construct intersection improvements. Traffic signal	\$350	5
Stockton Ave Bridge Rehab	CAP-P7p	Replace bridge with wider facility that includes standard bike lanes and sidewalks.	\$2,500	3
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	3
Wheelchair Access Ramps	CAP-P27	Install wheelchair access/curb cut ramps on sidewalks citywide.	\$25	1
City of Santa Cruz				
Arana Gulch Bicycle/Pedestrian Connection (at Agnes St)	SC-P106	Bike and Pedestrian multi-purpose trail from Agnes to the Arana Gulch N-S Trail	\$500	1
Arroyo Seco Trail (Medar St to Grandview St)	SC-P107	Pave exiting gravel trail and widen and pave connection to Grandview St.	\$280	4
Bay Street Corridor Modifications	SC-P77	Intersection modifications on Bay St Corridor from Mission St to Escalona Dr, including widening at the Mission St northeast corner and widening on Bay. Improve bike lanes and add sidewalks to west side of Bay.	\$4,000	3
Bay/California Traffic Signals	SC-P96	Install traffic signals for safety and capacity improvements	\$500	4
Bay/High Intersection Modification	SC-P109	Install a roundabout or modify the traffic signal to include protected left-turns and new turn lanes. Revise sidewalks, access ramps and bike lanes as appropriate.	\$2,000	3
Beach/Cliff Intersection Signalization	SC-P93	Signalize intersection for pedestrian and train safety	\$200	2
Branciforte Creek Bike/Ped Crossing	SC-P34	Install a Class 1 bicycle/pedestrian bridge over Branciforte Creek in the vicinity of San Lorenzo Park and Soquel Ave.	\$2,600	2
Branciforte Creek Pedestrian Path Connections	SC-P95	Fill gaps in pedestrian and bike paths along and across Branciforte Creek in the Ocean-Lee-Market-May Streets area.	\$3,250	3

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Project Title	ID	Project Description/Scope	Est Cost 1000's	RTC Staff Rank*
Broadway-Brommer Bike/Ped Path (Arana Gulch Multiuse Trail)	SC 07	Install multipurpose trail through Arana Gulch to connect to existing class 2 facilities.	\$4,000	1
Brookwood Drive Bikeand Pedestrian Path	SC-P21	Provide 2-way bicycle and pedestrian travel.	\$1,000	2
Chestnut St. Pathway	SC-P22	Install a Class 1 bicycle/pedestrian facility to connectthe east side of Neary Lagoon Park with the Depot Park path.	\$550	3
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.	\$550	4
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.	\$550	4
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)	\$180,000	1-5
Delaware Avenue Bike lanes	SC-P23	Fill gaps in bicycle lanes.	\$50	2
East Cliff Dr Bike/Ped Connection	SC-P103	Create multi-purpose trail from Murray St to East Cliff at the SanLorenzo River.	\$1,000	2
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	4
Hwy 1 Sound Wall	SC-P03	Install sound wall on Hwy 1: River to Chestnut.	\$500	5
Hwy 1/9 Intersection Modifications	SC 25	Intersection modifications including new turn lanes, bike lanes/shoulders. Includes adding second left-turn lane on Highway 1 southbound to Highway 9 northbound; second northbound through lane and shoulder on northbound Highway 9, from Highway 1 to Fern Street; a right-turn lane and shoulder on northbound Highway 9; through-left turn lane on northbound River St; replace channelizers on Highway 9 at the intersection of Coral Street; sufficient lane width along the northbound through/left turn lane on Highway 9 from Fern Street to Encinal Street; new sidewalk along the east side of Highway 9 from Fern Street north to Encinal Street; new through/left turn lane on southbound Highway 9; Traffic Signal interconnect to adjacent signals.	\$6,200	2
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 acess ramps and bike lanes on King and Mission. Includes traffic signal coordination.	\$4,500	4
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.	\$20,000	3
King Street Bike Lanes (entire length)	SC-P59	Install Class 2 bike lanes on residential collector street which includes some parking and landscape strip removals, and some drainage inlet modifications.	\$2,000	2

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Project Title	ID	Project Description/Scope	Est Cost 1000's	RTC Staff Rank*
King/Laurel intesection	SC-P114	Modify unsignalized intersection to add eastbound right turn	\$100	5
Laurent/High Intersection Improvements	SC-P97	Install Traffic Signal	\$400	4
Lump Sum Bike Projects	SC-P75	Bike projects based on needs identified through the Major Transportation Study and bike plan updates. These are in addition to projects listed individually in the RTP.	\$4,000	4
Market Street Sidewalks and Bike Lanes	SC-P105	Completion of sidewalks and bicycle lanes. Includes retaining walls, right-of-way, tree removals, and a bridge modification.	\$1,000	3
Measure H Road Projects	SC-P104	Road rehabilitation and reconstruction projects citywide to address backlog of needs using Measure H sales tax revenues.	\$32,000	1
Mission (Rte 1)/Laurel	SC-P112	Modify traffic signal to add right-turn from Mission to Laurel and signal overlap phase.	\$100	4
Mission (Rte 1)/Swift	SC-P113	Modify traffic signal to add Swift right-turn lane and signal overlap phase.	\$100	5
Mission Street Extension Pathway	SC-P28	Replace temporary path with bi-directional bicycle/pedestrian path. Paving, lighting, signage, delineators (replacing existing K-Rail), and drainage improvements.	\$100	2
Morrissey Blvd. Bike Path over Hwy 1	SC-P29	Install a Class 1 bicycle and pedestrian facility on freeway overpass.	\$90	2
Morrissey/Poplar/Soquel Intersection Modification	SC-P12	Modify the roadway configuration in the Morrissey/Poplar/Soquel triangle area to improve traffic circulation and safety for all modes.	\$2,000	3
Mott St (at Hiawatha) bike/ped connections	SC-P118	Add bike/ped connection from end of Mott to MBSST	\$20	2
Murray St Bridge Replacement	SC 37	Seismic retrofit of existing Murray St. bridge (36C0108) over Woods Lagoon at harbor and associated approach roadway improvements and replacement of barrier rail. Includes wider bike lanes and sidewalk on ocean side. Include access paths to harbor if eligible.	\$11,070	2
Murray St to Harbor Path Connection	SC-P30	Install a Class 1 bicycle/pedestrian facility.	\$200	2
Neighborhood Traffic Management Improvements	SC-P73	Install traffic control devices and roadway design features to manage neighborhood traffic.	\$2,500	3
North Barnciforte/Water	SC-P115	Modify traffic signal and add adiitional lanes per traffic study.	\$2,000	4
North Barnciforte/Water	SC-P115	Modify traffic signal and add adiitional lanes per traffic study.	\$2,000	4
Ocean St Streetscape and Intersection, Plymouth to Water	SC-P86	Implement this phase of the Ocean Street plna andm odify Plymouth St to provide separate turn lanes and through lanes, widen sidewalks, add street trees, street lighting and medians improvemnts. Include Gateway treatment. Both streets are arterial streets. Ocean St is an arterial on the Local Coastal access system.	\$4,000	3

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Project Title	ID	Project Description/Scope	Est Cost 1000's	RTC Staff Rank*
Ocean St Streetscape and Intersection, Water to Soquel	SC-P84	Implement this pase of the adopted Ocean Street plan including adding additional turn lanes on Ocean St at the Water St intersection, wider sidewalks, street trees, street lighting and medians. Both streets are arterial streets. Ocean street is a Local Coastal Access Route.	\$6,000	3
Ocean Street Widening from Soquel to East Cliff	SC-P66	Implement this section of the adopted Ocean Street Plan that includes utility undergrounding, bike lanes, sidewalks, stret lights, street trees and left-turn anes at Broadway and a right-turn lane at San lorenzo Blvd.	\$5,000	3
Pacific/Beach Roundabout	SC43a	Construct roundabout per Beach Area plan. Includes integration of railroad crossing gates, streetlights, bike lane/path, sidewalks and access ramps.	\$1,500	3
Park & Ride Lots	SC-P14	Construct park and ride lots within City limits.	\$20,000	4
River (Rte 9)/Encinal intersection	SC-P111	Modify traffic signal to include new lane assignments on primarily on Encinal.	\$300	4
River (Rte 9)/Fern intersection	SC-P110	Install traffic signal, sidewalk and new access ramps. Provide bikelanes on Fern.	\$500	4
Riverside Ave/Second St Intersection Modification.	SC-P13	Modify intersection to reduce congestion and improve pedestrian crossing.	\$75	3
RiverSt/River Street South	SC-P116	Install a roundabout or traffic signal to improve access and safety to the Downtown core, integrating bike and pedestrian facilities.	\$500	4
San Lorenzo River Bike/Ped Path at RR Bridge	SC-P31	Install a Class 1 bicycle/pedestrian facility to connect the east end of the Beach Street Pathway with East Cliff Drive at the location of the current railroad bridge over the San Lorenzo River and to connect the east and west banks of the San Lorenzo River Pathway. The crossing currently only accommodates pedestrians.	\$3,225	3
San Lorenzo River Levee Path Connection	SC-P35	Install a Class 1 bicycle/pedestrian facility conneting the end of the San Lorenzo River Levee path on the eastern side of the river, up East Cliff Drive near Buena Vista Ave.	\$2,000	2
Seabright Avenue Bike Lanes (Pine-Soquel)	SC-P69	Install Class 2 bike lanes on arterial street to complete the Seabright Avenue bike lane corridor and connect to bike lane corridor on Soquel Avenue and Murray. Includes removal of some parking and some landscape strips.	\$2,000	3
Seabright/Murray Traffic Signal Modifications	SC-P100	Remove split phasing on Seabright and add right-turn lane northbound.	\$1,000	2
Seabright/Water Intersection Improvements	SC-P99	Modify unsignalized intersection to add northbound right and extend left-turn pocket.	\$100	4
Shaffer Rd/Hwy 1 Signalization	SC-P92	Signalization of intersection of State Route 1 and Shaffer Rd. Project may includes some widening of Route 1 to accommodate a left turn lane.	\$500	5
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.	\$500	4

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Project Title	ID	Project Description/Scope	Est Cost 1000's	RTC Staff Rank*
Sidewalk Program	SC-P09	Install and maintain sidewalks and access ramps.	\$20,000	1-5
Soquel Ave at Frederick St - Minor Widening	SC 42	Widen to improve eastbound transition and add right-turn overlap. Extend Frederick St bike lane to Broadway and sharrows/traffic calming from Broadway to park	\$300	2
Soquel Ave Corridor Widening (Branciforte-Morrissey)	SC-P87	Minor widening and signal modifications along Soquel Ave corridor from Branciforte to Morrissey Blvd to add a lane and maintain parking and bike lanes. Replacing the split phasing with protected left-turns at Branciforte.	\$1,500	4
Soquel/Water (Branciforte to Morrissey) crosswalks	SC-P119	Evaluate and if found necessary implement additional crosswalks on Soquel/Water striving for 300 ft distance between crosswalks with consideration for safety, update crosswalks to more visible pattern (block).	\$100	3
Storey/King Street Intersection Left-Turn Lane	SC-P76	Remove parking and modify striping for second southbound left turn lane.	\$100	3
Swift/Delaware Intersection Improvements	SC-P101	Construct a roundabout or install traffic signal to include protected left-turns, integrating existing bike lanes, and completing sidewalks and access ramps.	\$1,000	5
Swift/Delaware Intersection Improvements	SC-P101	Construct a roundabout or install traffic signal to include protected left-turns, integrating existing bike lanes, and completing sidewalks and access ramps.	\$1,000	4
Swift/Delaware Intersection Roundabout or Traffic Signal	SC-P101	Install Traffic Signal or Roundabout at Intersection to improve capacity and safety.	\$1,000	5
Swift/Delaware Intersection Roundabout or Traffic Signal	SC-P101	Install Traffic Signal or Roundabout at Intersection to improve capacity and safety.	\$1,000	4
Water St (add Branciforte and Center) signal synchronization	SC-P117	Synchronize signals on Water to include Branciforte and Center to existing synchronized signals.	\$200	1
West Cliff Path Minor Widening (Lighthouse to Swanton)	SC 23	Improve existing path.	\$500	2
West Cliff/Bay Street Modifications	SC-P83	Signalization at all-way stop controlled intersections.	\$300	4
City of Scotts Valley				
Bean Creek Road Realignment	SV-P16	Realign Bean Creek Road to intersect Scotts Valley Drive farther North to create a four way intersection.	\$2,750	4
Bean Creek Road Sidewalks (SVMS to Blue Bonnet)	SV-P35	Fill gaps in sidewalks on Bean Creek Rd.	\$400	1
Bike Rest Stops in Scotts Valley	SV-P38	Bike rest stops (including racks, water) at Camp Evers Park and Skypark.	\$225	3
Bluebonnet Lane Bike Lanes	SV-P32	Add bike lanes on Bluebonnet (Bean Ck, through Skypark to Mt. Hermon/Lockewood).	\$150	1
Citywide Access Ramps	SV-P06	Place handicap ramps at various locations. Avg annual cost: \$8K/yr	\$200	1

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Project Title	ID	Project Description/Scope	Est Cost 1000's	RTC Staff Rank*
Citywide Bike Lanes	SV-P41	Construction of additional bike lanes and paths citywide (including Green Hills).	\$3,000	4
Citywide General Maintenance and Operations	SV-P27	Ongoing maintenance, repairs, and operation of road/street system within the City limits. (\$400K/yr const; \$250/yr unconst).	\$16,250	1-5
Citywide Sidewalk Program	SV-P05	Install sidewalks to fill gaps. Annual Cost \$50k/yr	\$5,000	2
Civic Center Drive Bike Lanes	SV-P33	Add bike la bike lanes to narrow road.	\$400	4
El Pueblo Rd Ext . North	SV-P14	Connect El Pueblo Road via Janis Way to Victor Square, crossing Carbonero Creek.	\$1,200	3
El Pueblo Rd Extensions	SV-P15	Connect El Pueblo Road to Disc Drive.	\$400	3
El Rancho Dr. Bike Lanes	SV-P36	Add bike lanes on El Rancho within city limits.	\$325	2
Emergency Access Granite Creek/Hwy 17	SV-P24	Connect Granite Creek Rd to SR 17 via Navarra Drive to Sucinto Drive, for emergency access.	\$550	4
Emergency Access SV DR/Upper Willis Dr.	SV-P25	Connect Scotts Valley Drive to Upper Willis Road for emergency access.	\$1,000	4
Emergency Access Whispering Pines	SV-P26	Connect Whispering Pines Drive to Manana Woods for emergency access.	\$50	4
Emergency Access-Bethany/Glenwood	SV-P23	Connect Bethany Drive to Glenwood Drive.	\$200	4
Emergency Access-Sundridge/Pueblo	SV-P22	Connect Sunridge Drive to Disc Drive for emergency access.	\$400	4
Erba Lane/Terrace View/SV Drive Realignment	SV-P10	Realign Terrace View to access Scotts Valley Drive via Erba Lane.	\$500	4
Glen Canyon Rd. Bike Lanes	SV-P29	Class 2 Bike lanes from Flora Lane to Green Hills. Oak Creek to Flora Ln are already complete.	\$1,000	2
Glenwood Dr. Bike Lanes	SV-P39	Widen road to accommodate bike lanes from Scotts Valley High School to City limits.	\$500	1
Lockhart Gulch Rd Bike Lanes	SV-P37	Add Class 2 bike lanes to narrow, primarily residential street.	\$700	3
Lockwood Lane Sidewalk and Bike Lanes	SV-P40	Construct Bike Lanes and add sidewalk on the west side from Mt. Hermon to the City limit.	\$500	2
Lockwood Ln Pedestrian Signal near golf course	SV-P21	Construct a pedestrian signal at unprotected ped crossing on Lockwood Lane.	\$50	3
Midtown Interchange	SV-P01	Construct new SR17 interchange midway between Mt. Hermon Rd and Granite Creek Rd. Will require right-of-way.	\$30,000	5
Mt Hermon Rd and Scotts Valley Drive - crosswalks	SV-P49	Increase number of crosswalks on Mt Hermon/Scotts Valley Dr, update crosswalks to block pattern, add pedestrian treatments where necessary at intersections to decrease distance across using refuge islands. Add crosswalks to all sides of intersections (particularly an issue on Scotts Valley Dr). Add HAWK signals to provide a low delay signalized crossing opportunity at select locations. Examples include the Safeway Driveway on Mt. Hermon Rd, at Victor Square/Scotts Valley Dr., and at Trammel Way/Scotts Valley Dr.	\$1,000	3

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Project Title	ID	Project Description/Scope	Est Cost 1000's	RTC Staff Rank*
Mt Hermon, Lockwood, Springs Lake widening	SV-P13	Widen, reconstruct and improve portions of roadway and intersection.	\$4,000	5
Mt Hermon/King's Village Rd-Transit Signal priority	SC-P46	Transit signal priority at Kings Village Rd/Mt Hermon Rd.	\$75	4
Mt Hermon/Scotts Valley - intersection improvements for bicycle treatment	SV-P50	Add green lane bicycle treatments at Mt Hermon/Scotts Valley Dr intersection	\$0	2
Mt Hermon/Scotts Valley - transit queue jump	SC-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.	\$600	4
Mt Hermon/Scotts Valley - transit queue jump	SC-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.	\$600	4
Mt. Hermon Rd. Circulation Master Plan	SV-P09	Provides various circulation and access improvements to the Mount Herman corridor.	\$3,500	4
Mt. Hermon Rd./Hwy 17 Ramps Intersection Operations Improvement Project	SV-P44	Add lane to SB off-ramp at Mt. Hermon/SR-17 interchange	\$1,000	5
Mt. Hermon Rd./Scotts Valley Dr. Intersection Operations Improvement Project	SV-P43	Add a second westbound left-turn lane; re-stripe the northbound approach to provide separate left-turn, through and right-turn lanes; modify the signal to eliminate the split phasing and allow for protected left-turn phasing for the northbound and southbound approaches; and, modify the signal to provide right-turn overlap phasing for the westbound and northbound right-turn lanes.	\$1,000	3
Mt. Hermon Road Sidewalk Connections	SV-P30A	Add sidewalks to fill gaps in business district.	\$500	1
N. Navarra Dr-Sucinto Dr Bike Lanes	SV-P34	Add bike lanes to developing area behind commercial.	\$600	5
Neighborhood Traffic Calming	SV-P28	Citywide traffic calming devices.	\$750	3
Scotts Valley Town Center Bicycle/Pedestrian Facilities	SV-P45	Bicycle and pedestrian facilities and circulation elements within planned development.	\$4,000	2
Scotts Valley-wide - signage	SV-P48	Add signage for neighborhood greenways	\$20	2
Sky Park Commercial Area Circulation	SV-P11	Construct infrastructure improvement for Skypark commercial area.	\$2,000	5
Synchronize Traffic Signals along Mt. Hermon Road	SV-P42	Re-time to coordinate traffic signals along Mt. Hermon Road	\$100	1
City of Watsonville				
2nd/Maple Ave (Lincoln to Walker) - traffic calming	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.	\$15	2

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5th St (Lincoln to Walker) - traffic calming	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.	\$15	2
Airport Blvd (Freedom Blvd to City Limits)	WAT-P28	Road widening to accommodate extension of bicycle lane and portion of travel lane, installation of bus pull out, installation of new sidewalk and curb ramps, and roadway rehab.	\$1,500	2
Airport Blvd (Hwy 1 to Ross Ave)	WAT-P34	Reconstruct or repave roadway and bikelanes; repair, replace and install curb, gutter, sidewalk and curb ramps; replace and upgrade signage and striping (this project completes sidewalk on Airport Blvd and connects to future Pajaro Valley High School Connector Trail)	\$2,000	2
Alley Improvements	WAT-P36	Repair & reconstruct some alleys	\$50	4
Bridge Maintenance	WAT-P35	Maintenance of bridges	\$100	1-4
Buena Vista/Calbasas/Freedom Connection	WAT-P30	Construction of roadway connection from Buena Vista area to Freedom Blvd. Reconstruct Via Nicola.	\$5,000	4
Citywide General Maintenance and Operations	WAT-P06	Ongoing maintenance, repair, and operation of road/street system, including bicycle and pedestrian facilities. (Const=\$1.5M/yr; Unconst=\$1M/yr)	\$50,000	1-5
Citywide Pedestrian Facilities	WAT-P15	Construct sidewalks and curb ramps where necessary. This work is usually combined with the annual road rehabilitation and maintenance projects. Avg annual cost: \$100/yr.	\$2,000	1
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).	\$24,000	4
Crestview/Wagner Extension	WAT-P29	Construction of roadway connection from Atkinson Lane area to SR 152. Reconstruct/widen Wagner St.	\$4,000	4
E Lake/Madison - ped crossing	WAT-P57	Add pedestrian crossing (HAWK signal if ped volume warrants) at E Lake & Madison for better access to Hall Middle School.	\$250	3
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	\$250	2
Freedom Blvd Improvements (Green Valley Rd to Compton Terrace)	WAT-P11	Pavement reconstruction, operational improvements (turn lanes), installation of bike lanes, sidewalks, signing and striping.	\$4,000	3
Freedom Blvd Reconstruction - Phase 3 (Alta Vista to Davis)	WAT-P33	Reconstruct roadway, pedestrian and bicycle facilities.	\$2,000	3
Freedom Blvd Reconstruction (Broadis St to Alta Vista Ave)	WAT-P01	Reconstruction of the asphalt pavement, replacement of sidewalk, curb and gutter and installation of curb ramps, and bicycle lane striping and/or signage.	\$2,000	1
Freedom Blvd Undergrounding	WAT-P38	Underground existing overhead utilities	\$1,231	4
Green Valley Rd (Freedom Blvd to City Limit)	WAT-P45	Reconstruct or repave roadway and bikelanes; repair, replace and install curb, gutter, sidewalk and curb ramps; replace and upgrade signage and striping	\$1,500	2

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Green Valley Rd (Struve Slough to Freedom Blvd)	WAT-P44	Reconstruct or repave roadway and bikelanes; repair, replace and install curb, gutter, sidewalk and curb ramps; replace and upgrade signage and striping	\$1,400	2
Hwy 1/ Harkins Slough Road Interchange	WAT 01	Reconstruct current half interchange to add on and off ramps to the northern side of the interchange in order to relieve congestion at Main Street (Hwy 152)/Green Valley Road intersection. Widen bridge, add bike lanes and sidewalks.	\$9,800	3
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.	\$25	3
Lower Watsonville Slough Trail	WAT-P46	Install bicycle/pedestrian trail	\$650	3
Lump Sum Bicycle Projects	WAT-P19	Update the City Bicycle Plan and construction of additional routes and paths (250k/yr).	\$5,000	3
Main St - 3 HAWK signals	WAT-P54	Evaluate and if found necessary, add Hawk signals in 3 locations on Main St	\$750	3
Main St (500 Block)	WAT-P40	Repair, replace and install curb, gutter, sidewalk and curb ramps; replace and upgrade signage and striping	\$400	2
Main St (City Limit to Lake Ave)	WAT-P47	Repave roadway and bikelanes; repair, replace and install curb, gutter, sidewalk and curb ramps; replace and upgrade signage and striping	\$1,400	2
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.	\$1,250	2
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.	\$100	3
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).	\$100	3
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).	\$400	3
Ohlone Parkway Improvements - Phase 2 (UPRR to West Beach)	WAT-P31	Roadway, pedestrian, and bicycle facilities.	\$500	2
Pajaro Valley High School Connector Trail	WAT-P42	Install bicycle/pedestrian trail (this trail connects Pajaro Valley High School to Airport Blvd)	\$600	3
Pennsylvania Dr/Clifford St Roundabout	WAT-P37	Installation of roundabout at existing stop sign controlled intersection	\$250	3
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	2
Union/Brennan (Freedom to Riverside) - sharrows	WAT-P52	Evaluate and if found necessary, add sharrows to Union/Brennan.	\$0	2
Upper Watsonville Slough Trail	WAT-P43	Install bicycle/pedestrian trail	\$650	3

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Walker St (Beach St to Watsonville Slough)	WAT-P48	Repave roadway and bikelanes; repair, replace and install curb, gutter, sidewalk and curb ramps; replace and upgrade signage and striping	\$2,700	3
Watsonville Shuttle	WAT-P27	Year round public transit service.	\$250	4
Watsonville-wide HOV priority	WAT-P56	Evaluate HOV priority at signals and HOV queue bypass.	\$0	4
West Lake Ave (Main St to Rodriguez St)	WAT-P41	Repair, replace and install curb, gutter, sidewalk and curb ramps; replace and upgrade signage and striping	\$200	3
Consolidated Transportation				
Agricultural Worker Transportation Program	CTSA-P05	Vanpool program to agricultural work sites aimed at increasing safety and reducing vehicle trips to job sites.	\$2,550	4
Countywide Specialized Transportation	CTSA-P01	Non-ADA paratransit and other specialized transportation service for seniors and people with disabilities. Includes medical service rides, Elderday, Sr. Meal Site, Taxi Script, etc. Current avg annual need \$2.5M. Constrained=\$1.4M.	\$62,500	1
Lift Line Maintenance/Operations Center	CTSA-P02	Construct a permanent maintenance center/consolidated operations facility for paratransit program (currently Lift Line).	\$15,000	3
Medically Fragile Specialized Transportation	CTSA-P04	Non-emergency same day transportation service for medically fragile individuals. Includes operations and capital.	\$10,500	4
Non-ADA Paratransit Service Expansion	CTSA-P03	Expansion of non-ADA paratransit system to meet needs of growing elderly and disabled populations. May include pre/post natal transport to medical appointments.	\$21,000	3
County Health Service 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 and Ride n' Stride Bicycle/Pedestrian Education Program.	\$3,750	1
County of Santa Cruz				
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.	\$2,300	3
38th Ave (Capitola City limit to East Cliff Dr)-bike lanes/traffic calming	CAP-P39	38th Ave - Add buffered bike lanes, traffic calming and wayfinding signage from Capitola City Limit to East Cliff Dr.		2
38th Ave Improvements (RR 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.	\$1,700	3
41st Ave Improvements Phase 2 (Hwy 1 Interchange to Soquel Dr)	CO-P26a	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$1,200	2

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Airport Blvd Improvements (City limits to Green Valley Rd)	CO-P02	Major rehab, addition of bike lanes, transit facilities, merge lanes, intersection improvements, sidewalks, drainage, and landscaping.	\$1,200	2
Alba Rd Improvements (Empire Grade to State Hwy 9)	CO-P30b	Roadwork includes major rehabilitation and maintenance of the road and roadsides.	\$1,700	5
Amesti Road Multimodal 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.	\$2,900	3
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.	\$1,200	4
Beach Road Improvements (City limits to Pajaro Dunes)	CO-P26b	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$1,200	3
Bean Creek Rd Improvements (Scotts Valley City Limits to Glenwood Dr)	CO-P28a	Roadway and roadside improvements on various Minor Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$1,700	4
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.	\$4,600	3
Bonita Dr Improvements (entire length)	CO-P29b	Improvements of roadways and roadsides on various Minor Collectors including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$1,200	5
Bonny Doon Rd Improvements (State Hwy 1 to Smith Grade Rd)	CO-P26c	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$2,300	4
Bonny Doon Road Improvements	CO-P43	Construction of a Class 1 bike lane facility, addition of transit stops, intersection improvements, major road rehabilitation, road maintenance, and drainage improvements.	\$8,000	4
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.	\$600	3
Branciforte Dr. Improvements (City of Santa Cruz to Vine Hill Rd)	CO-P30c	Improvements of roadways and roadsides on various Major Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road and roadsides.	\$1,700	4
Brown Valley Rd Improvements (Corralitos Rd to Redwood Rd)	CO-P26d	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$1,200	3
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.	\$2,900	3

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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	\$750	4
Cabrillo College Dr. Improvements (Park Ave to Twin Lakes Church)	CO-P30d	Improvements of roadways and roadsides on various Major Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road and roadsides.	\$1,200	2
Capitola Rd. Ext Improvements (Capitola Rd to Soquel Ave)	CO-P31b	Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$1,200	3
Carlton Rd Traffic Improvements for Trucks (Lakeview Intersection)	CO-P56	Roadway and roadside improvements including bike lanes, left turn lanes, intersection improvements and roadway rehabilitation	\$0	4
Carol Way/Lompico Creek Bridge Replacement	CO-P49	Replace existing single span-two lane bridge construction of steel girders and long deck with new 30 ft wide single span flat sale concrete bridge. Include (2) 11 ft lanes and (2) 4 ft shoulders.	\$1,200	4
Casserly Rd Improvements (Hwy 152 to Green Valley Rd)	CO-P26g	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$750	4
Cathedral Dr. Improvements (entire length)	CO-P33b	Roadway and roadside improvements on Minor Collector. Roadwork includes major rehabilitation and maintenance of the road.	\$600	4
Center Ave/Seacliff Dr Improvements (Broadway to Aptos Beach Dr)	CO-P26h	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$1,200	3
Chanticleer Ave Improvements (Hwy 1 to Soquel Dr)	CO-P26i	Roadway and roadside improvements including bike lanes, sidewalks, drainage and intersection improvements.	\$1,200	3
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.	\$600	4
Clubhouse Drive Improvements (Sumner Av to Rio Del Mar Blvd)	CO-P32a	Road rehabilitation and maintenance. Roadside improvements: left lane pockets, sidewalks, bike lanes and transit turnouts.	\$1,400	3
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.	\$1,700	3
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.	\$600	2
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.	\$600	3

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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.	\$600	2
Countywide Access Ramps	CO-P37	Construction of handicapped access ramps countywide.	\$1,200	2
Countywide General Road Maintenance and Operations	CO-P35	Ongoing maintenance, repair, and operation of road/street system within the unincorporated areas of the county. (Need \$14M/yr. Const=\$7.4M/yr)	\$350,000	1-5
Countywide Sidewalks	CO-P41	Install sidewalks.	\$70,000	2
Day Valley Rd. Improvements (entire length-Freedom Blvd to Valencia Rd)	CO-P31c	Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$1,200	5
East Cliff Drive Improvements (32nd Ave to Harbor)	CO-P09	Roadway rehab, add left turn pockets at 26th and 30th Ave, fill gaps in bikeways and sidewalks, add transit turnouts, intersection improvements. Some landscaping and drainage improvements.	\$4,600	2
East Cliff Drive Pedestrian Pathway (5th-7th Ave)	CO-P50	Construct pedestrian pathway on East Cliff.	\$1,700	2
East Zayante Rd Improvements (Lompico Rd to just before Summit Rd)	CO-P26j	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$1,700	4
El Dorado Ave Road Improvements (Capitola Rd to RR)	CO-P67	Roadway and roadside improvements including curb, gutter, sidewalk, bike lanes, left turn lanes, intersection improvements and roadway rehabilitation	\$1,500	4
El Rancho Dr Improvements (Mt. Hermon/Hwy 17 to SC city limits)	CO-P26k	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$2,300	2
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.	\$4,600	3
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, traffic circles, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$1,200	2
Eureka Canyon Rd Improvements (Hames Rd to Buzzard Lagoon Rd)	CO-P26l	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$2,300	4
Felton Empire Road Improvements (entire length to State Hwy 9)	CO-P28d	Roadway and roadside improvements on various Minor Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$2,300	4
Freedom Blvd Multimodal Improvements (Bonita Dr to City of Watsonville)	CO-P11	Add bike lanes, sidewalks on some segments, transit turnouts, signalization. Left turn pockets at Bowker, Day Valley, White Rd, and Corralitos Rd. Also includes merge lanes, intersection improvements, landscaping, major rehabilitation and maintenance, drainage improvements.	\$3,000	3

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Glen Arbor Rd. Improvements (State Hwy 9 to State Hwy 9)	CO-P30f	Improvements of roadways and roadsides on various Major Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road and roadsides.	\$1,200	5
Glen Canyon Rd Improvements (Branciforte Dr to City of Scotts Valley)	CO-P26m	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$5,800	3
Glen Coolidge Drive/Hwy 9 Bike Path	CO-P40	Class 1 bike facility from Glen Coolidge Dr to Hwy 9 to provide eastern access to UCSC.	\$2,300	3
Glenwood Cutoff General Improvements (Glenwood Dr to Hwy 17)	CO-P61	Roadway and roadside improvements including bike lanes, left turn lanes, intersection improvements and roadway rehabilitation	\$3,000	4
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.	\$2,900	4
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.	\$6,800	3
Granite Creek Rd. Improvements (Branciforte Dr to City of Scotts Valley)	CO-P30h	Improvements of roadways and roadsides on various Major Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road and roadsides.	\$1,700	4
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).	\$375	2
Green Valley Road Improvements	CO-P13	Add two-way left turn lanes from Mesa Verde to Pinto Lake on Green Valley Rd. Also includes some road rehab and maintenance, bike lanes, sidewalks, transit facilities, landscaping, and merge lanes.	\$4,000	3
Hames Rd Improvements (entire length-Freedom Blvd to Eureka Canyon Rd)	CO-P32b	Road rehab and maint. Roadside improvements--left lane pockets, sidewalks, bike lanes and transit turnouts.	\$3,500	4
Harkins Slough Rd. Improvements (entire length-Buena Vista Dr to State Hwy 1)	CO-P32c	Road rehab and maint. Roadside improvements--left lane pockets, sidewalks, bike lanes and transit turnouts.	\$1,700	4
Harper St Improvements (entire length-El Dorado Ave to ECM)	CO-P33d	Roadway and roadside improvements on various Minor Collectors including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$1,200	2
Huntington Dr. Improvements (Monroe Ave to Valencia Rd.)	CO-P32d	Road rehab and maint. Roadside improvements--left lane pockets, sidewalks, bike lanes and transit turnouts.	\$2,300	4
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.	\$600	5

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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.	\$3,500	3
Lakeview Road Improvements	CO-P15	Major road rehab, add left turn pocket at College Road, intersection improvements at Carlton Rd. Also add bike lanes, new transit facilities, landscaping. Drainage improvements, merge lanes, and intersection improvements may also be needed.	\$1,200	3
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.	\$600	5
Laurel Glen Rd. Improvements (Soquel-San Jose Rd to Mt. View/Rodeo Gulch Rd)	CO-P30j	Improvements of roadways and roadsides on various Major Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road and roadsides.	\$1,200	5
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.	\$600	4
Left Turn Ln at Bradley Elementary School	CO-P71	Add left turn lane on Corralitos Rd at Bradley Elementary School	\$1,000	3
Lockhart Gulch Improvements (Scotts Valley City limits to end)	CO-P31e	Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$1,200	5
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.	\$850	3
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.	\$600	5
Maciel Ave. Improvements (Capitola Rd to Mattison Ln)	CO-P29e	Improvements of roadways and roadsides on various Minor Collectors including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$1,400	3
Main St Improvements (Porter St to Cherryvale Ave)	CO-P27e	Roadway and roadside improvements on Major Collector including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement.	\$1,700	2
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.	\$600	4
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.	\$600	3

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Mar Vista Drive Improvements (entire length-just before Seaclyff Dr to Soquel Dr)	CO-P33f	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.	\$290	3
Mattison Ln Improvements (Chanticleer Ave to Soquel Ave)	CO-P26p	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$1,400	2
McGregor Dr. Improvements (Capitola city limits to Searidge Rd)	CO-P33g	Roadway and roadside improvements on various Minor Collectors including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$1,200	3
Mesa Dr. Improvements (Vienna Drive to Ledyard Way)	CO-P31f	Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$1,200	3
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.	\$350	4
Mountain View Rd Improvements (Branciforte Dr to Rodeo Gulch Rd)	CO-P27g	Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement.	\$1,200	4
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.	\$2,900	3
Murphy Crossing Improvements	CO-P39	Bikeway on Murphy Crossing (Hwy 129 to Monterey Co line), major rehabilitation and maintenance of road, drainage improvements may also be needed.	\$1,200	4
Opal Cliff Dr. Improvements (41st Av to Captiola City Limits)	CO-P31g	Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$1,200	3
Pajaro River Bike Path System	CO-P38	Construction of a Class 1 bike path along the levees and a Class 2 bikeway on Thurwatcher Road and Beach Road.	\$9,200	2
Paul Minnie Ave. Improvements (Rodriguez St to Soquel Ave)	CO-P29f	Improvements of roadways and roadsides on various Minor Collectors including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$1,200	3
Paul Sweet Road Improvements (Soquel Dr to end)	CO-P22	Major road rehab and maintenance. Also adds bike lanes, sidewalks, landscaping. Drainage improvements, merge lanes, and intersection improvements, and new transit facilities may also be needed.	\$1,200	2
Paulsen Rd Improvements (Green Valley Rd to Whiting Rd)	CO-P27h	Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement.	\$1,200	2
Pine Flat Rd Improvements (Bonny Doon Rd to Empire Grade Rd)	CO-P28f	Roadway and roadside improvements on various Minor Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$2,300	4

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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.	\$850	3
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.	\$850	5
Polo Dr. Improvements (Soquel Dr to end)	CO-P29g	Improvements of roadways and roadsides on various Minor Collectors including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$1,400	3
Porter St Improvements (Soquel Dr to Paper Mill Rd)	CO-P26r	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$1,200	3
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.	\$800	4
Redwood Lodge Rd (Entire Length)	CO-P51	Roadway and roadside improvements including curb, gutter, sidewalk, bike lanes, left turn lanes, intersection improvements and roadway rehabilitation	\$3,000	4
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, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road and roadsides.	\$2,900	2
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 and traffic signal. Roadside: sidewalks, landscaping, and new transit facilities.	\$3,500	3
Rodeo Gulch Rd. Improvements (So & North: Mt. View/Laurel Glen Rd to Hwy 1)	CO-P31i	Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$1,700	4
Roland Dr. Improvements (30th to 35th)	CO-P31j	Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$850	3
San Lorenzo River Valley Trail	CO-P46	15 mile, paved multi-use path for bicyclists and pedestrians from Boulder Creek to Santa Cruz.	\$25,000	4
San Lorenzo Valley Trail: Hwy 9 - Downtown Felton Bike Lanes & Sidewalks	CO-P46a	Install sidewalks and bicycle lanes on Hwy 9 through downtown Felton	\$2,200	2
San Lorenzo Valley Trail: Hwy 9 - North Felton Bike Lanes & Sidewalks	CO-P46b	Install sidewalk/pedestrian path on west side, shoulder widening to 5' for bicycle lanes from Felton-Empire/Graham Hill Rd to Glen Arbor Road, Ben Lomond, including frontage of SLV elementary, middle and high schools. Includes new and replacement bike/ped bridges.	\$7,400	2
Seacliff Dr Improvements (entire length)	CO-P27j	Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement.	\$1,700	3

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Seascape Blvd Improvements (Sumner Ave to San Andreas Rd)	CO-P26s	Roadway improvements and pavement rehabilitation.	\$600	4
Sims Road Improvements (Graham Hill Rd to La Madrona Dr)	CO-P17	Road rehab and maintenance, drainage, intersection improvements, landscaping, add bike, ped, and transit facilities.	\$1,700	2
Smith Grade Improvements (entire length-Empire Grade to Bonny Doon Rd)	CO-P32g	Road rehab and maint. Roadside improvements--left lane pockets, sidewalks, bike lanes and transit turnouts.	\$2,300	5
Soquel Ave Improvements (City of SC to Gross Rd)	CO-P18	Transit turnouts, two way left turn lanes from Chanticleer to Mattison, merge lanes, signalization and intersection improvements. Signals at Chanticleer and Gross Rd. Roadwork: major rehabilitation and maintenance, perhaps drainage improvements. Roadside: sidewalks, landscaping, and new transit facilities.	\$3,200	2
Soquel Dr Improvements (Soquel Ave to Freedom Blvd)	CO-P19	Signals at Willowbrook, Aptos Creek Rd and Trout Gulch Rd. Major rehab, merge lanes, intersections improvements, signal coordination, transit turnouts, fill sidewalk gaps, some landscaping.	\$7,300	2
Soquel Dr Road Improvements (Robertson St to Daubenbiss)	CO-p62	Roadway and roadside improvements including curb, gutter, sidewalk, bike lanes, left turn lanes, intersection improvements and roadway rehabilitation	\$400	4
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	4
Soquel-San Jose Rd Improvements (Paper Mill Rd to Summit Rd)	CO-P36	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$2,500	2
Soquel-Wharf Rd Improvements (Robertson St to Porter St)	CO-P28g	Roadway and roadside improvements on various Minor Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$1,000	2
Spreckels Dr Improvements (Soquel Dr to Aptos Beach Dr)	CO-P27k	Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement.	\$1,200	3
Spreckels Dr/Treasure Island Dr Improvements	CO-P42	Addition of bike lanes, intersection improvements, major road rehabilitation, road maintenance, and possible drainage improvements.	\$600	3
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.	\$1,300	3
Summit Rd Improvements	CO-P26u	Roadway and roadside improvements including bike lanes, sidewalks, transit turnouts, left turn pockets, merge lanes and intersection improvements.	\$5,400	4
Sumner Ave. Improvements (entire length-Rio Del Mar Blvd to end [just past via Novella])	CO-P32h	Road rehab and maint. Roadside improvements--left lane pockets, sidewalks, bike lanes and transit turnouts.	\$1,400	3

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Thompson Ave. Improvements (entire length-Capitola Rd to end)	CO-P33h	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.	\$1,200	3
Thurber Ln Improvements (entire length)	CO-P28h	Roadway and roadside improvements on various Minor Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$1,700	3
Thurwachter Road Bike Lanes	CO-P68	Install bicycle lanes.	\$50	4
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.	\$2,900	5
Valencia Rd. Improvements (Trout Gulch Rd to Valencia School Rd)	CO-P32j	Road rehab and maint. Roadside improvements--left lane pockets, sidewalks, bike lanes and transit turnouts.	\$1,700	4
Varni Rd Improvements (Corralitos Rd to Amesti Rd)	CO-P28i	Roadway and roadside improvements on various Minor Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$1,200	4
Vine Hill Rd. Improvements (Branciforte/Mt. View Rd to State Hwy 17)	CO-P30q	Improvements of roadways and roadsides on various Major Arterials including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road and roadsides.	\$1,400	5
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.	\$850	4
Webster St Improvements (Jose Ave to 16th St)	CO-P29h	Improvements of roadways and roadsides on various Minor Collectors including addition of bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvements. Roadwork includes major rehabilitation and maintenance of the road.	\$1,200	3
Wilder Ranch Bike/Pedestrian Path: Phase 2	CO 16b	Construction of a paved multi-use path for bicyclists and pedestrians from Wilder Ranch SP north. (Continuation of existing path). To be constructed in sections as funds become available.	\$4,000	4
Winkle Ave Improvements (entire length from Soquel Dr)	CO-P27l	Roadway and roadside improvements on various Major Collectors including bike lanes, transit turnouts, left turn pockets, merge lanes and intersection improvement.	\$2,300	3
Ecology Action				
Bike To Work/School Program	RTC 26	Countywide education, promotion, and incentive program to actively encourage bicycle commuting and biking to school. Coordinates efforts with local businesses, schools, and community organizations to promote bicycling on a regular basis. Provides referrals to community resources. Avg annual cost: \$140K/yr-includes in-kind donations and staff time.	\$3,500	2

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Ecology Action Transportation Employer Membership Program	RTC 17	Community organization that promotes alternative commute choices. Work with employers, incentives for travelers to get out of SOVs including: emergency ride home, interest-free bike loans, discounted bus passes. Avg cost: \$90K/yr. Coordinates with Bike to Work program.	\$2,250	3
SCCRTC				
511 Travel Information System	RTC-P34	Centralized multi-modal traveler information system available via phone, computer, and mobile device. Provides timely transportation information about real-time roadway conditions, incidents, transit, carpools, biking, and emergency notices. Initial start-up cost est: \$200K; annual operations \$100k/year.	\$2,200	3
Bike Parking Subsidy Program	RTC 16	The project provides free bicycle racks and subsidies for bicycle lockers and bicycle cages. Businesses, schools, government agencies, other entities, and non-profit organizations are all eligible. Recipients are responsible for installation and maintenance of the equipment. Avg annual cost: \$25K/yr.	\$250	2
Commute Solutions Rideshare Program	RTC 02	Transportation demand management outreach, education and incentives. Includes matching service for carpools, vanpools, and bicyclists. Provides services and information about availability and benefits of alternative transportation modes, including sharing rides, transit, walking, bicycling, telecommuting, alternative work schedules, alternative fuel vehicles, and park-n-ride lots. Avg annual cost: \$275k.	\$5,500	2
County-wide Bicycle Route Signage	RTC 32	Define routes, develop and install signs aimed at encouraging bicycling/directing cyclists to preferred routes to various destinations countywide. Manage program implementation and coordinate with local jurisdictions.	\$500	3
County-wide bicycle, pedestrian and VOC counts	RTC-P50	Conduct counts to assess mode split over time and assess impact of new facilities.		2
Freeway Service Patrol (FSP) on Hwy 1 and Hwy 17	RTC 01	Maintain and expand tow truck patrols on Highways 1 and 17. Work with the CHP to quickly clear collisions, remove debris from travel lanes, and provide assistance to motorists during commute hours to keep incident related congestion to a minimum and keep traffic moving. Avg need: \$230k/yr constrained; \$400k/yr total cost	\$8,000	2
Hwy 1 Bicycle/Ped Overcrossing at Mar Vista	RTC 30	Shared use bicycle/pedestrian overcrossing of Highway 1 at Mar Vista. Serves to connect Seacliff and Aptos neighborhoods and provides improved access to Mar Vista Elementary School and Cabrillo College.	\$7,550	4
Hwy 1 HOV Lanes (Morrissey to Larkin Vly Rd)	RTC 24	Add 18 miles of High Occupancy Vehicle (Carpool) lanes from Aptos to Santa Cruz, reconstruct interchanges (new through lanes, turning lanes, sidewalks & bikelanes), add new bike/ped overcrossings, and operational improvements (ramp meters, TOS, soundwalls, & 9 miles of auxiliary lanes).	\$500,000	5
Hwy 1 Soquel Av-41st Auxiliary Lanes and Chanticleer Bike/Ped Bridge	RTC 24f	Add NB and SB auxiliary lanes connecting freeway entrance ramps directly with the next exit ramps and construct bicycle/pedestrian bridge over highway at Chanticleer Ave.	\$27,000	3
Monterey Bay Sanctuary Scenic Trail Network - Implementation, Construction and Management	RTC 27	A 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. /Monterey Bay National Marine Sanctuary. Includes master planning study and environmental review. Includes coordination with implementing entities regarding implementation, design, permitting, construction and maintenance. Act as Project Manager on some segments. Manage system utility and uniformity.	\$86,000	1-5

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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: \$200k/yr	\$4,000	1
Rail Line Management	RTC-P03	Operating expenses for rail line oversight. Avg annual cost:\$175K/yr.	\$3,500	1
Rail Line Planning	RTC-P55	Long and short range planning for the rail line. Includes public outreach and stakeholder involvement.	\$500	2
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.	\$20,000	2
Rail Transit: Watsonville-Santa Cruz Corridor	RTC-P02	Design, construction, and operation of fixed guideway public transit between Santa Cruz and Watsonville. May be a joint project with the SCCRTC, SCMTD, and local jurisdictions. Annual op cost est: \$3M/yr; capital: \$2.5M/yr	\$82,500	4
Recreational Rail Infrastructure	RTC 25	Seasonal passenger rail service on Santa Cruz Branch rail line. Infrastructure needed for the service is listed here (e.g. platforms, sidings, pedestrian & disabled access, rail vehicles). Unsubsidized operations will be provided by a private operator and operating costs are therefore not included here. All costs are estimated	\$5,000	2
RTC Bikeway Map	RTC-P49	Update, print and distribute free SC County Bikeway Map and update GIS files as needed.		2
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: \$325/yr	\$6,500	1
SCCRTC Administration (TDA)	RTC-P07	SCCRTC Administration. Includes grants administration, TDA, STIP, STP/CMAQ. Avg annual cost: \$700K/yr	\$14,000	1
SCCRTC Planning	RTC-P08	SCCRTC Planning Tasks. Includes long and short range planning, interagency coordination. Avg annual cost: \$975/yr.	\$19,500	1
School-based mobility/TDM programs	RTC-P54	Student transportation programs aimed at improving health and well being, transportation safety and sustainability and that facilitate mode shift from driving alone in a motor vehicle to active and group transportation.	\$2,500	2
TDM individualized employer/multifamily program	RTC-P53	Implement individualized employer and multifamily TDM programs with incentives for existing development;	\$1,250	3
Travel/Commute Survey	RTC-P51	Establish methodology and establish baseline for regular travel surveys of commuters in Santa Cruz County.	\$800	1
SCMTD				
ADA Paratransit Bus Replacements	MTD 02	Replace vans for ADA paratransit fleet (including Accessible Taxi program). Avg cost: \$65k each for 34 vans every 5 years.	\$13,060	2
ADA Paratransit Service - Continuation of Existing Service	MTD-P10C	Operation & maintenance cost of existing Paratransit service. Avg Annual Cost: \$4.6M	\$115,000	1

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ADA Service Expansion	MTD-P11	Add capacity to meet increased trip demand thru 2035. Assumes 3% increase/year starting in 2010. Annual avg: \$140k.	\$3,500	3
Bike Station at Capitola Mall	MTD-P23	Establish bike station at Capitola Mall, especially to serve UCSC. Would be joint mall, UCSC, MTD project.	\$1,000	4
Bikes on Buses Expansion	MTD-P20	Add additional space for bikes on buses when/if new technology becomes available.	\$1,500	3
Bus Rapid Transit	MTD-P15	Construct park & ride lots, transit centers and operate grade-separated bus rapid transit to reduce congestion on Highway 1.	\$25,920	2
Bus Rebuild and Maintenance	MTD-P31	Rebuild engines; Fleet maintenance equipment.	\$2,500	2
Bus Stop Upgrades	MTD-P09	Install, replace, repairs, and otherwise improve bus shelters and stops.	\$8,100	1
Commuter/Subscription Bus Program	MTD-P18	Capital and operating for subscription buses to areas not currently served by express buses (similar to large vanpool)	\$2,000	4
Deviated Fixed-Route Pilot Program	MTD-P43	Pilot project allowing buses to make minor route modifications to address needs of senior and disabled riders.	\$100	3
Disaster Response Mobile Command	MTD-P34	Field unit for Disaster Response Management	\$500	4
Electric Non-Fleet Vehicles	MTD-P47	Replace 14 vehicles to EV.	\$560	4
Electric Non-Fleet Vehicles	MTD-P47	Replace 14 vehicles to EV.	\$560	4
Hwy 1 Express Buses	MTD-P27	Hwy 1 express bus replacements - 6 Buses @ \$500k ea. Replace every 12 years	\$6,000	3
Hwy 17 Express Service - Cont. of Existing Service Levels	MTD-P10B	Operation & maintenance cost of existing bus service. Avg annual cost: \$2.4M.	\$60,000	1
Hwy 17 Express Service Expansion	MTD-P12	Add trips to extend service hours for Highway 17 express. Capital and Operating costs. Annual expansion cost: \$175K/yr.	\$4,500	3
Inter-County Paratransit Connection	MTD-P44	Establish paratransit connection location with Santa Clara County.	\$1,250	3
Local Transit - Continuation of Existing Service Levels 2010-2035	MTD-P10	Operation & maintenance cost of existing local fixed route bus service (Based on 2010budget-\$34M/year).	\$850,000	1
Local Transit Service Restoration and Expansion	MTD-P14	Restore local service to 2001 levels, then expand service 10% including expanded service within SLV, City of SC and Watsonville, express buses, improved service to industrial areas. \$6.7M/yr operating, \$9M capital costs (9 buses & onetime replacement)	\$177,000	3
Metro Bus Replacements	MTD-P04	Replace fleet at the end of normal bus lifetime (every 12 years). Need: Replace 92 thru 2015; Replace 47 thru 2025; Replace 107 thru 2035 @ ~\$500K each. Constrained: secured funds.	\$125,500	2
Metro facilities repair/upgrades	MTD-P36	Maintain and upgrade physical plant.	\$3,785	1
MetroBase Phase II	MTD-P38	Expansion to 150 bus fleet; purchase new property	\$15,000	5

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Non-Revenue Vehicles	MTD-P32	Replace support vehicles	\$1,200	3
ParaCruz Mobile Data Terminals; Radios	MTD-P30	Install mobile data terminals in vehicles	\$732	4
ParaCruz Operating Facility	MTD-P28	Design, Right-of-Way and construction for new ParaCruz Operating Facility	\$12,000	3
Parking Structure	MTD-P39	Joint venture w/City of Santa Cruz Tannery Arts Center	\$4,000	5
Replacement Transit Fareboxes	MTD 18	Electronic registering fareboxes, includes prepaid card fare collection program. Future replacement needs from 2015-2035 unconstrained.	\$9,100	3
Senior/Disabled/Low-Income Fixed-Route Transit Incentives	MTD-P42	Incentives to encourage fixed-route bus ridership. 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.	\$3,125	3
Signal Priority/Pre-Emption for Buses	MTD-P21	Enable coach operators to actuate traffic signals to prolong green or change red lights to improve transit running time.	\$2,000	2
Small Bus Fleet	MTD-P24	Purchase smaller buses for travel through residential neighborhoods. Cost currently unknown.	\$0	4
Solar Panels for MetroBase	MTD-P29	Energy reduction through installation of solar panels on the new MetroBase Facilities	\$6,000	4
Transit Mobility Training Program Expansion	MTD-P19	Expand public outreach and training to encourage fixed route, rather than Paratransit, use. Outreach may also involve other partners (ex. DMV, doctors, senior centers, etc). Avg annual cost: \$80K/yr	\$1,200	4
Transit Security and Surveillance Systems	MTD-P33	Enhance passenger safety and facilities security. Emergency response systems.	\$1,100	1
Transit System Technology Improvements	MTD-P35	Automated Data Processing software, telephones, portable computers, servers, Customer Information Kiosks, digital ID processing equipment. Maintain and upgrade office software and hardware, bandwidth, web site, phone network, to enhance productivity, customer service and maintain functionality.	\$5,310	3
Transit Technological Improvements	MTD-P06	Automatic Vehicle Locator system on all METRO buses. Real time bus arrival/departure displays at stops. IT software and hardware upgrades for scheduling, customer service, planning systems. Upgrades every 5 years.	\$7,350	2
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.	\$250	3
UCSC Bus Service Expansion	MTD-P13	Increase frequency on routes serving UCSC to eliminate standing loads: Capital and Operating costs.	\$14,000	3
Water Harvesting for River St.	MTD-P40	Water capture for bus wash facility	\$1,500	5
Watsonville Transit Center Improvements	MTD-P46	Upgrades to Watsonville Transit Center.	\$1,000	2
Seniors Council				
Senior Employment Ride Reimbursement	RTC-P43	Reimburse low income seniors for transit expenses to/from employer sites.	\$1,600	4

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Project Title	ID	Project Description/Scope	Est Cost 1000's	RTC Staff Rank*
UCSC				
Alternative Fuel Fleet Vehicles	UC-P64	Purchase and upgrade fleet vehicles to alt. fueled vehicles (refuse trucks, street sweepers, fleet cars, etc.)	\$3,000	3
Alternative Fuel/Electric shuttle vehicles	UC-P22	Capital acquisition of vehicles.	\$10,000	2-5
Bike Shuttle Vehicle Acquisition	UC-P51	Acquire more alt fueled vehicles for bike shuttle (and possible expansion)	\$500	3
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	\$250	4
Coastal Marine Campus Bike Improvements	UC-P49b	Includes covered bike parking, racks, and showers	\$300	3
Coastal Marine Campus Pedestrian Improvements	UC-P49c	Includes covered bike parking, racks, and showers	\$2,000	3
Coastal Marine Campus Roadway and Transit Improvements	UC-P49a	New Central Roadway/transit shelters and amenities, parking	\$7,000	3
College Nine/Communications Pedestrian Bridge	UC-P39	Construct pedestrian bridge.	\$1,000	4
College Nine/Crown College Pedestrian Bridge	UC-P37	Construct pedestrian bridge.	\$1,500	3
Coolidge Overlook	UC-P42	Improve overlook for parking, benches and signage for Sanctuary.	\$600	5
East Collector Transit Hub	UC-P46	New transit hub at East Collector (East Remote) lot	\$5,000	4
Electric Vehicle Charging Stations	UC-P65	Add additional electrical infrastructure and install electric vehicle charging stations around campus	\$300	3
Great Meadow Bike Path Safety Improvements	UC-P60	Bikeway safetyand maintenance improvements; potential for separate pedestrian improvements to minimize conflicsts	\$3,000	3
Hagar/McLaughlin Intersection Improvements	UC-P10	Signal, pedestrian safety improvements(including new crosswalk) and roadway improvements.	\$500	2
Hagar/Steinhart Intersection Improvements	UC-P14	Signal, pedestrian safety improvements, roadway improvements.	\$1,000	2
Hagar-Coolidge Connector Road/Hagar/East Remote Intersection Improvements	UC-P47	New roadway connector, including bicycle lanes, between Hagar Drive and Coolidge, plus Hagar/East Remote Intersection Improvements: signal, pedestrian safety improvements and roadway improvements.	\$3,000	4
Heller Drive Bicycle Lanes (Empire Grade to Porter College)	UC-P56	Add Class II bicycle lanes in downhill direction as feasible.	\$800	3

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Project Title	ID	Project Description/Scope	Est Cost 1000's	RTC Staff Rank*
Kerr/Porter Rd Pedestrian Bridge ADA Upgrades	UC-P56	Modify bridge to improve access	\$3,000	3
McLaughlin Drive Bike Lanes/Pedestrian Enhancements	UC-P30	Install Class 2 bike lanes and enhance pedestrian circulation on University campus roadway.	\$2,500	3
Meyer Drive Extension/Jordan Gulch Bridges	UC-P04	Extension of Meyer Drive from existing Meyer Drive to Hagar Drive. Includes construction of two bridges, pedestrian, and bicycle facilities.	\$20,000	2
Northern Entrance	UC-P08	Construct new access road including Cave Gulch Bridge to Empire Grade and road and bicycle lanes to Northern Heller Dr. for access and fire safety.	\$10,000	5
Northern Loop Roadway	UC-P07	Construct new roadway, including bicycle lanes, on upper campus. Will be phased. Phase I: Chinquapin Extension to support Social Science 3.	\$18,000	4
Parking Management Technology Improvements	UC-P68	Updating existing parking management technologies to allow for more effective management, additional parking management at Coastal Marine Campus and 2300 Delaware site	\$400	3
Pedestrian Directional Map/Wayfinding System	UC-P38	Develop and install signs throughout campus.	\$500	3
Porter/Performing Arts Pedestrian Bridge	UC-P36	Construct pedestrian bridge.	\$1,000	4
Science Hill/North Academic Core Pedestrian Bridge	UC-P40	Construct pedestrian bridge.	\$1,000	4
Sidewalk/pedestrian Improvements	UC-P50	Widen sidewalks/improve ped access in areas of campus	\$5,000	2
Solar PVs on Campus Parking Lots	UC-P71	Install new solar arrays on campus parking lots		5
Spring Street Bikeway	UC-P34	Construct bikeway connecting Spring Street to Hagar Ct.	\$300	3
Steinhart Way Multimodal Improvements	UC-P03	Roadway improvements for shuttles, bikes and pedestrians.	\$500	2
Transit Pullouts and Shelters Enhancements	UC-P19	Construction and installation of transit pullouts and reconstruction of shelters throughout campus.	\$1,500	3
Transit Vehicles (ongoing)	UC-P23	Ongoing capital acquisition of transit vehicles for on-campus transit and University shuttles.	\$5,000	2-5
Transportation-Related Stormwater Management Projects	UC-P66	Retrofitting existing transportation facilities and developing new facilities with new stormwater management techniques	\$1,000	3
Traveller Safety Education/Information Programs	UC-P61	Bike/pedestrian safety programs; light and helmet giveaways, safety classes, distracted driver programs, bus etiquette program	\$100	3
UCSC - Metro Station Bus Rapid Transit Improvements	UC-P48	Bus Rapid Transit Improvements between Metro Station, Bay Street Corridor, and UCSC Roadways	\$5,000	3

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Project Title	ID	Project Description/Scope	Est Cost 1000's	RTC Staff Rank*
UCSC Bicycle Facilities	UC-P55	Add bicycle facilities on campus roadways and paths. Lump sum of projects,including but not limited to UCSC Bicycle Plan that are not listed individually elsewhere in the RTP	\$1,000	3
UCSC Bicycle Parking Improvements	UC-P33	Install bicycle parking facilities to serve bicycle commuters to the University.	\$500	2-5
UCSC Bike Loan Program	UC-P52	Develop and implement a bike loan program for UC affiliates	\$1,000	4
UCSC Bike Showers/Storage Lockers	UC-P32	Install showers and storage facilities to serve bicycle commuters to the University.	\$600	4
UCSC Commute Counseling Program	UC-P69	staffing, program development to individually market to UCSC affiliates on more sustainable means of travel to campus	\$3,000	4
UCSC Commuter Incentive Programs	UC-P70	Provide ongoing support and development of new programs to encourage travel to campus via sustainable modes of travel	\$1,500	3
UCSC Lump Sum Roadway Maintenance	UC-P59	Repaving and rehabilitation of roadways on UCSC campus to maintain existing network	\$10,000	2
UCSC Main Entrance Improvements	UC-P01	Realign roadway, transit pullout/shelter, relocate bike parking, construct pedestrian path, historic resource analysis. Work may be done in conjunction with City Roundabout project.	\$2,000	4
UCSC Pedestrian/Transit Zone	UC-P44	Pedestrian safety improvements including, colored/textured asphalt and signage at various locations on core campus roadways.	\$1,000	3
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. Operating costs	\$2,500	2
UCSC Vanpool Program	UC-P63	Maintain, operate and expand upon UCSC vanpool program	\$8,400	2
West Gate Improvements	UC-P02	Improve kiosk and turnaround for redirected traffic on Heller/Empire Grade.	\$500	4
Zimride Emergency Preparedness Database	UC-P67	Creating a new database through Zimride to have emergency response evacuation of UCSC campus	\$300	4

Various Agencies

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.	\$500	3
Bike Share	VAR-P16	Establish and maintain an urban centered bike share program allowing county residents to access loaner bikes at key locations such as downtowns, transit centers, shopping districts, and tourist destinations.	\$5,000	3
Bike-Activated Traffic Signal Program	VAR-P05	Provide traffic signal equipment to ensure that the traffic signals will detect bicycles just as cars are detected and ensure that the appropriate traffic signal phase is activated by the bicycles.	\$1,000	3

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Project Title	ID	Project Description/Scope	Est Cost 1000's	RTC Staff Rank*
Cabrillo College TDM Programs	RTC 33	Provide students and employees at all four Cabrillo College campuses with education, promotion, and incentives that support the use of sustainable transportation modes. Develop information, programs and services customized to meet the transportation needs of the Cabrillo College community. 'Provide Sustainable Transportation education, promotion, and Go Green program enrollment to Cabrillo College students and employees. Partner with Cabrillo staff and students to reduce SOV trips to the Aptos, Watsonville and Scotts Valley campuses. Provided targeted information and services to Cabrillo members.	\$1,515	3
Carsharing Program	VAR-P06	Program to assist people in sharing a vehicle for occasional use. Implementing Agency TBD, varies.	\$2,500	4
Climate Action Transportation Programs (move under VAR)	RTC-P48	Projects that reduce greenhouse gas emissions through reducing vehicle trips and vehicle miles traveled, increasing fuel efficiency and expanding use of alternatively fueled vehicles. Includes comprehensive outreach and education campaigns, a countywide emergency ride home for those using alternatives, and TDM incentive programs: \$100k/year.	\$2,500	3
Coolidge Drive Reconstruction	VAR-P23	Reconstruction of roadway and bike lane	\$3,000	2
Countywide Pedestrian Planning Grant (move under VAR)	RTC-P32	Grant to encourage local jurisdictions to prepare pedestrian plans.	\$300	2
Countywide Pedestrian Signal Upgrades (move under VAR)	RTC-P26	Grant program to fund installation of audible and count-down intersection equipment to facilitate crossings by visually and mobility impaired persons.	\$2,000	2
Eco-Tourism - Sustainable Transportation	VAR-P17	Provide sustainable transportation information, incentives and promotions to the estimated one million visitors to Santa Cruz County. Work with the Santa Cruz County Conference and Visitors Council, local lodgings, and tourist attractions.	\$1,000	4
Hwy 1 Bike/Ped Bridge (Cabrillo-New Brighton)	CT-P07a	Construction of bike/ped bridge connecting New Brighton State Beach and Cabrillo College as part of larger Nisene SP to the Sea trail concept. Lead agency TBD.	\$8,000	4
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.	\$600	3
Lump Sum Bridge Preservation	VAR-P14	Painting, Barrier Rail Replacement, Low Water Crossing, Rehab, and Replacement bridges for SHOPP and Highway Bridge Program (HBP)	\$15,450	2
Mission St/Hwy 1 Bike/Truck Safety Campaign	VAR-P18	Partnership with road safety shareholders including Caltrans, UCSC, City of Santa Cruz, trucking companies and others to improve bike/truck safety along the Mission Street corridor. Provide safety presentations, videos, brochures, safety equipment, etc.	\$500	4
Mobility Management Center	VAR-P04	Centralized one-stop-shop for information and resources on specialized transportation options. May be combined with 511 or 211 efforts. Implementing agency TBD. Est. annual cost: \$100-300k/yr	\$7,500	3

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Project Title	ID	Project Description/Scope	Est Cost 1000's	RTC Staff Rank*
Monterey Bay Electric Vehicle Alliance (MBEVA)	VAR-P22	Help facilitate this broad collaboration of PEV advocates, businesses, union labor, manufacturers and public agencies to assist the adoption of PEV's in the Monterey Bay region. MBEVA's main goals are to: • Create PEV infrastructure in this region • Educate the public on the benefits of PEV's • Educate gov't agencies on ways to streamline PEV policy, permitting, and implementation and • Help train workforce for PEV related jobs.	\$400,000	4
Park and Ride Lot Development	RTC 31	Upgrade and maintain existing park and ride lots for commuters countywide. Secure additional park and ride lot spaces for motorized vehicles and bicycles. Long range plan: identify, purchase land, construct Park & Ride lots.	\$8,000	2
Plugin Electric Vehicle Access, Education & Promotion	VAR-P21	Target motorist looking for a cleaner vehicle by providing access, education and promotion on ever evolving plugin 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.	\$800,000	4
Public Transit Marketing	VAR-P20	Initiatives that increase public transit ridership including discount passes, free fare days, commuter clubs, and promotional and marketing campaigns.	\$1,500	3
Safe Paths of Travel	VAR-P08	Regional program to construct and/or repair pedestrian facilities adjacent to high frequency use origins and destinations, particularly near transit stops.	\$3,000	2
Safe Routes to School Programs	VAR-P19	Extensive bicycle and walking safety education and encouragement program targeting K-12 schools in Santa Cruz County. 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.	\$3,750	2
Safe Routes to Schools Studies	VAR-P10	Funds two joint studies with local jurisdictions and CTSC to assess pedestrian and bicycle safety near schools.	\$200	2
Transit Oriented Development Grant Program (move under VAR)	RTC-P25	Smart growth grant program to fund TODs that encourage land use and transportation system coordination. May include joint child care/PNR/transit centers.	\$5,000	3
Transportation for Low Income Youth	VAR-P15	Safe, reliable transportation services for foster care children to/from school. Avg annual cost: \$100k/yr	\$2,500	4
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.	\$50,000	4

Volunteer Center

Volunteer Center Transportation Program	VC-P1	Program providing specialized transportation for out of county trips. Constrained=existing TDA allocations.	\$3,750	2
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Watsonville Airport

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Project Title	ID	Project Description/Scope	Est Cost 1000's	RTC Staff Rank*
Lump Sum Watsonville Airport Capital Projects	AIR-P01	Projects from the Watsonville Airport Capital Improvement Program. Includes new hangers, reconstruction of aviation apron, security features, and runway extensions.	\$26,500	1
Watsonville Airport Operations	AIR-P02	Ongoing operations/maintenance. Average \$2M/year.	\$50,000	1

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TO: Interagency Technical Advisory Committee (ITAC)
FROM: Rachel Moriconi, Senior Transportation Planner
RE: 2014 Regional Transportation Plan -- Draft Financial Element

RECOMMENDATIONS

Staff recommends that the Interagency Technical Advisory Committee (ITAC):

1. Review and provide updates for the preliminary draft Regional Transportation Plan (RTP) Financial Element ([Attachment 1](#)), which assumes revenues from a future sales tax measure and status quo funding from traditional, core transportation revenue sources.
-

BACKGROUND

The Santa Cruz County Regional Transportation Commission is currently in the process of updating the *Regional Transportation Plan* (RTP). The RTP is a state-mandated document that establishes a blueprint for transportation projects and funding in Santa Cruz County through 2035. The last update of the RTP was completed in 2010.

The RTP consists of three main sections: Policy Element, Action Element, and Financial Element. The Policy Element identifies goals, policies, and evaluation measures. The Action Element of the RTP identifies projects, programs and actions necessary to implement the policy element of the RTP and fill gaps in the regional transportation network. The Financial Element identifies funds reasonably anticipated to be available through 2035. As required by state and federal law, projects are sorted into "constrained" (within anticipated funds identified in the Financial Element) and "unconstrained" (would require new revenue sources above and beyond those typically available in the region – such as new state or federal taxes, fees, grant programs).

The RTP update is a joint effort with the Commission's partner agencies, Association of Monterey Bay Area Governments (AMBAG), Transportation Agency for Monterey County (TAMC), and San Benito Council of Governments (SBCOG).

DISCUSSION

The draft Financial Element ([Attachment 1](#)) identifies funding which can be reasonably assumed to be available for transportation projects over the next twenty-five years. The projections are based on a combination of historical averages, current trends, and/or state and federal actions. Actual revenues can vary significantly from year to year, as transportation funding is subject to economic changes and legislative actions. For instance the new Federal Transportation Act (MAP-21) resulted in the elimination of several federal funding programs, creation of new programs, and changes to revenue projections for Santa Cruz County since the 2010 RTP.

Staff from agencies in the Monterey Bay region worked collectively to develop the draft financial element. The Preliminary Draft Financial Element shows that \$2.9 billion will be available for transportation projects in Santa Cruz County through 2035. State and federal funds combined make

up less than 35% of projected revenues. The financial element assumes that a new ½ cent local sales tax will be approved for transportation projects in 2014 and will generate approximately \$350 million (unescalated) through 2035.

Staff recommends that the ITAC review and provide any updates for the preliminary draft financial element.

As required by federal rules, all revenues, as well as project costs, will be escalated for the final RTP document. Limitations on how most of these revenues sources can be used will play a significant role in determining which projects are on the constrained or unconstrained project list.

SUMMARY

As part of the Regional Transportation Plan update, staff has worked with partner agencies and project sponsors to develop the preliminary draft Financial Element (Attachment 1). Staff recommends that the ITAC review and provide any updates.

Attachments:

1. Preliminary Draft Financial Element for the 2014 RTP

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PRELIMINARY DRAFT FINANCIAL ELEMENT: Funding projections through 2035 for the 2014 RTP

REVENUE SOURCES (all figures in 1000's)	Assumptions/ Source Notes	2010 MTP Base Year	Base Year	23 Year Not Escalated
LOCAL REVENUE SOURCES		\$65,505	\$84,972	\$1,937,863
City/County Developer Fees	From local jurisdictions, based on their budgets			
City of SV Developer Fees	From local jurisdictions, based on their		\$50	\$1,150
City of SC Traffic Impact Fee Fund	Based on annual average. 225/226		\$950	\$21,850
City of Watsonville Developer Fees	Based on avg		\$35	\$805
County of SC: RIF/TIF Developer Fees	Based on 2010 info (updates not received)	\$300	\$415	\$9,545
City/County General Funds for Transportation Projects	From local jurisdictions, based on their			
City of Capitola - Gen Fund	Includes sales tax measure funds	na	\$400	\$9,200
City of Capitola - Parking Fees/fines	City of Capitola PW staff	\$0	\$75	\$1,725
City of SC - Gen Fund	CIP (311/317); base annual average		\$2,700	\$62,100
City of Santa Cruz Sales Tax - Measure H used on transp.	Based on City budgets, CIPs, and other	\$1,700	\$1,700	\$39,100
City of Watsonville Gen Fund	General funds not used for transportation	\$0	\$0	\$0
County of SC: CSA 9-Hwy Safety & Lighting	CSA 9	\$3,550	\$1,130	\$25,990
County of SC: CSA 9D - Road Maintenance	CSA 9D1,2,3		\$2,700	\$62,100
Ecology Action Member Fees, Sponsorships, Inkind	Based on annual average.	\$115	\$50	\$1,150
Gas Tax (Highway User Tax (HUTA) to locals)	State Controller reports	\$11,100		
HUTA Capitola	http://www.californiacityfinance.com/HUTAu		\$262	\$6,035
HUTA SC	http://www.californiacityfinance.com/HUTAu		\$1,559	\$35,855
HUTA SV	http://www.californiacityfinance.com/HUTAu		\$305	\$7,014
HUTA Wats	http://www.californiacityfinance.com/HUTAu		\$1,324	\$30,451
HUTA CO of SC	http://www.californiacityfinance.com/HUTAu		\$7,012	\$161,279
LiftLine Specialized Transportation - Other Funds	Lift Line FY13 budget, includes multiple	\$850	\$840	\$19,320
MTC Contribution to Hwy 17 Safety Project (Santa Cruz	RTC Budget - always \$50K/year, does not	\$50	\$50	\$1,150
Rail Line Lease Revenue: RTC	RTC budget	\$150	\$60	\$1,380
Santa Cruz County 2014 Transportation Sales Tax	Based on SC METRO receipts, projections	\$14,500	\$16,500	\$363,000
Transit Passenger Fares: SC METRO	SC METRO budget. Includes all passenger fares	\$8,700	\$9,400	\$216,200
Transit non-fare revenue: SC METRO	SC METRO. Includes Commissions, Advertising	\$600	\$550	\$12,650
Transit Sales Tax: SC METRO	SC METRO	\$14,500	\$16,500	\$379,500
Transportation Development Act/LTF	http://www.boe.ca.gov/legdiv/localTaxAlloca	\$7,250	\$7,500	\$172,500

REVENUE SOURCES (all figures in 1000's)	Assumptions/ Source Notes	2010 MTP Base Year	Base Year	23 Year Not Escalated
UCSC Revenues (Santa Cruz County): Transit Fees	Includes Student Transit Fee, other Bus Pass	na	\$6,400	\$147,200
Parking Fees: UCSC	Includes both Parking and Event Parking	\$140	\$3,900	\$89,700
Vanpool Lease	23 12-passenger vanpool routes during 2012-	na	\$105	\$2,415
Watsonville Airport Revenues	Revenues used for operation & maintenance of	\$2,000	\$2,500	\$57,500
REGIONAL REVENUE SOURCES		\$480	\$641	\$14,743
AB2766	Based on Sept 2012 awards	\$480	\$641	\$14,743
STATE REVENUE SOURCES		\$17,350	\$22,726	\$522,687
Airport Improvement Program match	Annual average of last 8 years of funding	\$50	\$4	\$92
Bicycle Transportation Account	\$7.2 M statewide. Since 2004, AMBAG region averaged 1.9% of funding available statewide.	\$100	\$44	\$1,020
Cal Aid to Airports program	Dedicated to all public use airports. \$10K annually.	\$10	\$10	\$230
Environmental Enhancement and Mitigation Program	\$5M Statewide Annually. Not required to be transportation or highway related to submit application. Assume receiving grant amount by share of population on avg.	\$70	\$71	\$1,633
Freeway Service Patrol	FY12 allocations	\$190	\$206	\$4,738
Safe Routes to School (SR2S)	Annual average over a course of 6 years	\$300	\$236	\$5,428
SAFE: SC	Registered vehicles	\$230	\$245	\$5,635
SHOPP: Santa Cruz	Avg. based on programmed 2008 through 10-year SHOPP (2023); 2024-2035, based on annual avg.	\$8,000	\$15,148	\$348,401
State Transit Assistance (STA)	FY12/13 SCO estimates.	\$2,500	\$3,301	\$75,923
STIP - Interregional Share	Assumes \$0 for SCR.	\$1,400	\$0	\$0
STIP - Regional Share Santa Cruz	Based on statewide 2012 FE & percent of STIP for each county; excluding TE after 2014. Assumes no new Prop 1B program. TAP under Federal.	\$4,500	\$3,460	\$79,588
FEDERAL TRANSIT REVENUE SOURCES		\$5,245	\$5,963	\$137,149
Bus and Bus Related Grants (5309c)	MAP-21 estimates	\$0	\$100	\$2,300
Enhanced Mobility of Seniors and Individuals with Disabilities (5310)	MAP-21 estimates	\$150	\$150	\$3,450

REVENUE SOURCES (all figures in 1000's)	Assumptions/ Source Notes	2010 MTP Base Year	Base Year	23 Year Not Escalated
FTA Section 5304	MAP-21 estimates	\$0	\$48	\$1,104
FTA Section 5305	MAP-21 estimates	\$0	\$0	\$0
Intercity Bus (5311f)	MAP-21 estimates	\$230	\$100	\$2,300
Metropolitan Planning (5303)	MAP-21 estimates	\$0	\$0	\$0
Fixed Guideway Capital Investment Grants (5309b)	MAP-21 estimates	\$0	\$0	\$0
Rural Area Formula Program (5311)	MAP-21 estimates	\$165	\$156	\$3,588
Planning and Research 5313, 5313b	MAP-21 estimates	\$0	\$0	\$0
Urbanized Area Formula Program (5307)	MAP-21 estimates	\$4,700	\$4,847	\$111,481
Safety Authority (5329)	MAP-21 estimates	\$0	\$0	\$0
State of Good Repair grants (5337)	MAP-21 estimates	\$0	\$0	\$0
Asset Management (5326)	MAP-21 estimates	\$0	\$0	\$0
Bus and Bus Facilities Formula Grants (5339)	MAP-21 estimates	\$0	\$562	\$12,926
Public Transportation Emergency Relief (5324)	MAP-21 estimates	\$0	\$0	\$0
FEDERAL HIGHWAY REVENUE SOURCES		\$5,955	\$10,445	\$240,235
Earmarks	Assuming no new earmarks in the near future	\$1,300	\$0	\$0
High Risk Rural Road (HR3)	MAP-21 estimates	\$135	\$51	\$1,173
Highway Bridge Program (HBP)	MAP-21 estimates	\$800	\$3,157	\$72,611
Highway Safety Improvement Program (HSIP)	MAP-21 estimates	\$415	\$483	\$11,109
National Scenic Byways Program	MAP-21 estimates	\$0	\$0	\$0
Recreational Trails	MAP-21 estimates	\$35	\$42	\$966
Regional Surface Transportation Program (RSTP)	MAP-21 estimates	\$2,900	\$3,562	\$81,926
Transportation Alternatives Program (TAP)	MAP-21 estimates	\$370	\$350	\$8,050
FEMA/CALEMA/ER - Emergency Road Repair Funding	Average received by local jurisdictions.	\$0	\$2,800	\$64,400
FEDERAL AVIATION REVENUE SOURCES		\$1,000	\$40	\$920
FAA Airport Improvement Program (AIP)	MAP-21 estimates	\$1,000	\$40	\$920
GRAND TOTALS		\$95,535	\$124,787	\$2,853,598
LOCAL REVENUE SOURCES		68%	\$84,972	\$1,937,863
STATE REVENUE SOURCES		18%	\$22,726	\$522,687
FEDERAL REVENUE SOURCES		13%	\$16,448	\$378,304