

Agenda: April 5, 2007

To: Regional Transportation Commission
From: Rachel Moriconi, Transportation Planner
RE: Amendments to the *2006 Regional Transportation Improvement Program*

RECOMMENDATIONS

Staff recommends that the Regional Transportation Commission:

1. Review the proposed amendments to the *2006 Regional Transportation Improvement Program (RTIP)*, including programming projected State Transportation Improvement Program (STIP), Regional Surface Transportation Program (RSTP), and Congestion Mitigation and Air Quality Improvement Program (CMAQ) Phase-Out funds (Attachment 2); and changes to previously programmed projects (Attachment 3);
2. Consider recommendations made by the RTC's advisory committees (Attachment 5)
3. Hold a public hearing to receive comments on the proposed amendments and consider written comments received (Attachment 6);
4. Adopt a resolution (Attachment 1) amending the *Regional Transportation Improvement Program (RTIP)* as shown in Attachments 2 and 3, including priorities for STIP funds;
5. Make funding for the Commute Solutions Rideshare Program and the second year of funding for the Transportation Management Associations contingent on results of the countywide Transportation Demand Management analysis;
6. Reserve any remaining balance for programming as part of the 2008 RTIP, to be initiated in Fall 2007;
7. Request that the Association of Monterey Bay Area Governments (AMBAG) and California Transportation Commission (CTC) incorporate these amendments into the Metropolitan Transportation Improvement Program (MTIP) and State Transportation Improvement Program (STIP), respectively; and
8. Authorize staff to seek Bicycle Transportation Account and Safe Routes to Schools grants for the Mar Vista Bicycle/Pedestrian Bridge.

BACKGROUND

The Santa Cruz County Regional Transportation Commission (RTC) is the agency responsible for selecting projects to receive a variety of state and federal funds. The *Regional Transportation Improvement Program (RTIP)* for Santa Cruz County is a list of local and regional projects which

have been selected by the RTC to receive funds from a variety of state and federal programs over the next five years. The RTIP primarily serves two purposes: 1) a tool to assist in monitoring the delivery of state and federally-funded regional transportation projects; and 2) the RTC's proposal to the California Transportation Commission (CTC) for the region's share of funds from the State Transportation Improvement Program (STIP). The RTIP is typically adopted every two years. Interim amendments are made as needed.

As a result of passage of Proposition 1B in November 2006, the California Transportation Commission will be programming anticipated bond funds, as well as previously unprogrammed balances of State Transportation Improvement Program funds this spring. Approximately \$12 million in STIP funds are targeted for Santa Cruz County. The RTC's proposal for programming these funds is due to the California Transportation Commission (CTC) the first week of April 2007.

Based on federal apportionment estimates, \$6.3 million in FY07/08 and FY08/09 Regional Surface Transportation Program (RSTP) and \$560,000 in Congestion Mitigation and Air Quality Improvement Program (CMAQ) Phase-Out funds are available for programming.

STIP and RSTP funds are available for a wide range of projects that will improve transportation in the region, including highway projects, roadway rehabilitation, safety improvements, rideshare programs, bicycle projects, sidewalks, enhancement activities and transit capital projects. Projects that use CMAQ funds must demonstrate that they will result in a reduction in air pollutant emissions. For instance, projects or programs that support a reduction in single occupancy automobile use are eligible for CMAQ funds. Due to changes in federal air quality standards, the region is no longer eligible to receive CMAQ; however, as the result of recent state legislation, the county will receive two years of "phase-out" funds.

In total approximately \$19 million in STIP, RSTP, and CMAQ funds are available for programming. At its January 11, 2007 meeting, the RTC indicated its intent to:

- Program \$4 million of the projected funds to projects selected by local jurisdictions, distributed on a population basis, with a minimum of \$200,000 distributed to each city;
- Program \$12.5 million to regionally significant projects, including the Transportation Management Associations; and,
- Program the remaining funds to local jurisdictions by formula, if the funds are not needed for regionally significant projects.

Additionally, at its December and January meetings, as part of its nomination of projects for the Proposition 1B Corridor Mobility Improvement Account (CMIA) program, the RTC agreed to secure additional funds that may be needed to fully fund projects selected for the CMIA program.

DISCUSSION

Staff considered the funding needs of thirty local and regionally-significant projects and recommends, upon completion of the scheduled public hearing, that the RTC adopt a resolution (Attachment 1) programming \$18.4 million in STIP, RSTP, and CMAQ funds to twenty-two projects (Attachment 2). As described later in this report, several factors could impact when and how much of the recommended funding will be available. Staff also recommends that the RTC amend the Regional Transportation Improvement Program (RTIP) to reflect schedule and other

changes to several previously programmed projects (Attachment 3). Attachment 4 includes additional information on the projects proposed for new funding. At their February and/or March meetings, the Interagency Technical Advisory Committee, Bicycle Committee and Elderly and Disabled Transportation Advisory Committee reviewed the preliminary staff recommendations. The committees' recommendations are shown in Attachment 5.

\$4 million to Local Jurisdictions

At its January 2007 meeting, the RTC indicated its intent to program \$4 million to the county and cities based on population, with a minimum of \$200,000 per jurisdiction. Due to state and federal restrictions against partially funding projects, local jurisdictions were encouraged to use their share of funds on existing projects that have experienced cost increases. Since local jurisdictions were given the discretion to identify projects for their shares of funds, **staff and the Interagency Technical Advisory Committee (ITAC) recommend that the RTC program \$4 million to local jurisdictions in accordance with their requests (Attachment 2).**

The staff recommendation includes programming RSTP funds to all but three of these local projects. Staff recommends programming CMAQ funds to the San Lorenzo River Bike/Pedestrian Bridge since this project is already undergoing the federal process and can obligate the funds in the near future. Since the CTC typically makes cost increases on existing STIP projects one of its highest priorities for programming, staff is recommending STIP funds for the Graham Hill Road and El Rancho Road projects. Though it is unlikely, **if the CTC does not approve STIP funding for the El Rancho Road and Graham Hill Road projects, staff recommends programming RSTP funds to those projects.**

The ITAC further recommends that the RTC make the \$4 million for local projects the highest priority for funding. The Bicycle Committee supports funding for all of the local projects with the exception of the Scotts Valley's Traffic Signalization Project. The Bicycle Committee also recommended that in addition to the \$300,000 requested by the City of Santa Cruz for the San Lorenzo River Bike/Pedestrian Bridge project, that the RTC also program any additional funds that maybe needed to fully fund the project. The City of Santa Cruz is currently seeking other state grant funds to complete the funding package for this project. The City of Santa Cruz has requested and **staff recommends that if sufficient other grant funds are secured, that \$300,000 in RSTP previously programmed to the San Lorenzo River Bridge project be redirected to the Ocean Street Rehabilitation project.**

Regionally Significant Projects

There is no shortage of regionally significant projects that need funding. Staff reviewed 17 regionally significant projects identified at the January RTC meeting. Regional projects were evaluated according to their anticipated performance, timing of project delivery, risks to project delivery and matching funds, and achievement of the *2005 Regional Transportation Plan Goals*. The evaluation criteria used included standards adopted by the CTC for the STIP and those developed for smaller counties. **The ITAC and staff recommend that the RTC program \$14.4 million to the regionally-significant projects shown on Attachment 2.**

Initially staff was concerned about the financial feasibility of the Highway 1/9 Intersection project and did not recommend the project. Additionally, through the performance evaluation, this project

ranked lower than the other regionally-significant projects that staff recommends for funding. Since the March TPW meeting, the City of Santa Cruz has committed to ensuring that the Highway 1/9 Intersection project is fully funded through construction (Attachment 7). Therefore, staff now recommends \$500,000 for the design phase of the Highway 1/9 project. At its March 23, 2007 meeting, the Santa Cruz Metropolitan Transit District also voted to support the Highway 1/9 Project, as the project is anticipated to facilitate bus operations. Although the City has addressed concerns regarding the financial feasibility of this project, the

Since the TPW meeting, the cost estimate for the Mar Vista Bike/Pedestrian Bridge has been reevaluated and Nolte Associates has determined that the estimated cost as \$7,530,000. Staff continues to recommend full funding for this element of the Highway 1 HOV Lane project, especially since it provides an important link to Mar Vista Elementary School. **Staff recommends that the RTC program \$1 million in RSTP funds for the project as a place holder and that the RTC authorize staff to seek Bicycle Transportation Account and Safe Routes to Schools grants to replace some of the STIP and RSTP funds in the future.** Additional information on the Mar Vista Bike/Pedestrian Bridge is included in Attachment 8.

In response to other inquiries from commissioners at past RTC meetings, staff has also prepared a summary of the work programs for the Commute Solutions Rideshare Program and Transportation Management Associations (Attachment 9) and the cost increases on the Highway 1 HOV PA/ED consultant contract (Attachment 10). **Staff recommends that the RTC make release of STIP funds for the Commute Solutions program and the second year of CMAQ funds for the Transportation Management Associations contingent on the results of the Transportation Demand Management (TDM) analysis,** to be completed later this year. The RTC's advisory committees recommend funding these TDM programs.

STIP Funding Uncertainties

There is a very high degree of uncertainty regarding how much of the region's \$12 million STIP target the CTC will actually include in the 2006 STIP Augmentation. Staff is recommending that the RTC program the region's full 2006 STIP Augmentation target, however, the CTC is only obligated to program \$369,000 to Santa Cruz County at this time. Alternately, depending on submittals from other regions in the state, the CTC could decide to only include up to \$8.4 million in non-transit projects from Santa Cruz County in the 2006 STIP Augmentation. Finally, cost overruns of up to \$5.5 million for the Highway 1/17 Project are expected to be filled with Santa Cruz County's share of 2006 or 2008 STIP funds. Staff is moving forward assuming that the cost overruns will count against Santa Cruz County's share of the 2008 STIP. As such, the staff recommendation does not include the Highway 1/17 project increases. However, **the CTC may determine that cost increases on the Highway 1/17 project (see separate staff report on this agenda) will need to come out of the region's 2006 STIP Augmentation target, thereby reducing the amount they will program to other projects.** Staff will not be able to confirm this until after the CTC adopts the 2006 STIP Augmentation in June 2007 or if Caltrans delays its supplemental funds request until after that action. At its March 22, 2007 meeting, the ITAC recommended that the RTC ask Caltrans to seek non-STIP funds to cover the cost increases.

If the CTC restricts non-transit projects and charges Highway 1/17 increases against the region's 2006 STIP Augmentation target, **the CTC could decide to only program \$2.9 million of the region's \$12 million 2006 STIP Augmentation target this June.** Our region would have to wait

until future programming cycles to access the remaining funds.

Taking these issues into consideration, as well as the Governor's FY07/08 budget proposal which could further restrict the availability of STIP funding, the RTC's prior commitment to reprogram lapsed funds to the County of Santa Cruz when they return to the region (anticipated as part of the 2008 STIP), anticipated future needs, and potential reductions in federal authorization levels, staff determined that **it is not prudent to fully program all of the region's available funds at this time. Any balance will be programmed as part of the 2008 RTIP cycle, scheduled to begin this fall.**

Priorities for STIP Funds

Since it is possible that the CTC will not include all of the projects proposed for the 2006 STIP Augmentation, the **CTC has encouraged regions statewide to prioritize their projects.** The RTC's prioritized STIP proposal will ensure that the highest priority projects are positioned to receive the available STIP funding and that the \$4 million intended to be programmed to local jurisdictions' projects are less dependent on the uncertainties in available funding at the state level.

Staff recommends the RTC prioritize projects for STIP funds as shown below:

1. Graham Hill Road Safety Improvements - \$350,000 (to address cost increases)
2. El Rancho Road Reconstruction – \$248,000 (to address cost increases)
3. Highway 1 Soquel-Morrissey Auxiliary lane - \$2,734,000 (match to CMIA funds)
4. Freeway Service Patrol - \$300,000 (to cover three additional years of service)
5. Monterey Bay Sanctuary Scenic Trail Network - \$785,000
6. Rideshare Program - \$300,000 (to cover two additional years of service)
7. Highway 1 HOV PA/ED - \$216,000 (to cover cost increases)
8. Highway 1 Mar Vista Bike/Pedestrian Bridge - \$6,564,000 (STIP share of project)
9. Highway 1/9 Intersection Improvements Design - \$500,000

Projects lower on the list are at risk of not being approved by the CTC in this cycle.

In the event that the CTC does not approve funds as requested for some of these projects, **staff recommends that the RTC program RSTP to the Graham Hill Road and El Rancho Road projects, and reconsider the remaining projects for programming as part of the 2008 RTIP.**

The ITAC recommends that the RTC make the Highway 1/9 Intersection design work a higher priority for the STIP than the STIP funds designated for construction of the Mar Vista Bicycle Pedestrian Bridge (\$5,374,000).

Changes to Previously Programmed Projects

In addition to programming RSTP, CMAQ, and STIP funds to various projects, **staff and project sponsors recommend several additional amendments to existing projects (Attachment 3).** The RTIP must be amended to reflect these changes in order to ensure federal and state funds are retained and accessible to project sponsors.

Public Input

The RTC has scheduled a public hearing to give members of the community an opportunity to comment on the proposed amendments to the RTIP. This public hearing has been noticed in major local newspapers and news releases regarding the public hearing were distributed in advance of this meeting. Correspondence received as of the printing of this agenda packet is included in Attachment 6. Any additional correspondence that is received will be distributed at the meeting.

Additional Project Information

The RTIP document is available online at www.sccrt.org/rtip. The RTIP project listings for the projects currently under consideration for amendments, including project descriptions, funding and history information, are attached (Attachment 11). Maps of all projects included in the RTIP, including those under consideration as part of the proposed amendment, are shown in Attachment 12.

SUMMARY

The California Transportation Commission (CTC) is in the process of updating the *2006 State Transportation Improvement Program (STIP)* to include Proposition 1B funds and unprogrammed balances. The STIP is the means by which the California Transportation Commission programs state and federal funding to regions for projects of regional significance. Additionally, Regional Surface Transportation Program (RSTP) and Congestion Mitigation and Air Quality Improvement Program (CMAQ) funds are currently available for programming. The RTC identified projects to receive the region's share of projected STIP, RSTP and CMAQ funds through the *Regional Transportation Improvement Program (RTIP)*. Attachments 1-3 represent staff's recommendations for programming funds and amending existing projects.

Attachment 1: Resolution

Attachment 2: Staff Recommendations for STIP, RSTP, & CMAQ Funds

Attachment 3: Proposed Amendments to Existing Projects

Attachment 4: Project Summaries

Attachment 5: RTC Committee Recommendations

Attachment 6: Comments Received on RTIP Proposal

Attachment 7: Letter from Santa Cruz City Manager Richard Wilson regarding Highway 1/9

Attachment 8: Mar Vista Bicycle/Pedestrian Bridge Cost Estimate

Attachment 9: Summary of Work Programs for Transportation Demand Management Programs

Attachment 10: Memorandum from Nolte regarding Highway 1 HOV Lane PA/ED Cost Increases

Attachment 11: RTIP Project Listings for Amended Projects

Attachment 12: Maps of all 2006 RTIP Projects

Attachment 2 (Figure 1 to Resolution)
Staff Recommendations for STIP, RSTP, & CMAQ Funds
RTC to Select Projects Following a Public Hearing on 4/5/07
STIP Projects Listed in recommended Priority Order
Funds in \$000 (thousands)

Local Jurisdictions' Projects

RTIP #	Implementing Agency	Project	Cumulative STIP	Need/ Request	STIP-in priority order	CMAQ	RSTP	Staff Rec.	Committee Rec's	Mode (s)	Performance Measures
CAP 11	Capitola	Clares St Traffic Calming		200			200	200	Bike, ITAC	Pedestrian, safety	Safety
SC 03	Santa Cruz City	San Lorenzo Rvr Bike/Ped Bridge		300		300		300	Bike, ITAC	Bike, ped	Safety; Mobility; Accessibility; Productivity; Environment
SC 39	Santa Cruz City	Ocean Street Rehabilitation		551			551	551	Bike, ITAC	Rehab, bike, ped	Sytem preservation; Accessibility
SV 20	Scotts Valley	Signal System Modernization		200			200	200	ITAC	Traffic Sys Mngmt	Reliability; Safety; System preservation
WAT 31	Watsonville	Freedom Blvd Rehabilitation		751			751	751	Bike, ITAC	Rehab, bike, ped	System preservation
CO 02	County of SC	Graham Hill Rd Safety Project	350	350	350			350	Bike, ITAC	Roadway Safety	Safety
CO 17B	County of SC	Calabasas Road Improvements		100			100	100	Bike, ITAC	Rehab, bike, ped	Safety; Mobility; Accessibility; Productivity; Environment
CO 35	County of SC	El Rancho Road Storm Repairs	598	248	248		bkup	248	Bike, ITAC	Rehab/reconstruct	System Preservation; Mobility; Accessibility
CO 36	County of SC	State Park Drive Improvements		150			150	150	Bike, ITAC	Rehab, bike, ped	System Preservation; Mobility; Accessibility
CO 42	County of SC	Green Valley Rd Rehabilitation		500			500	500	Bike, ITAC	Rehab	System preservation
CO 44	County of SC	Bonny Doon Rd Rehabilitation		300			300	300	Bike, ITAC	Rehab	System preservation
CO 45	County of SC	Mt. Hermon Rd Rehabilitation		200			200	200	Bike, ITAC	Rehab	System preservation
CO 46	County of SC	San Andreas Rd Rehabilitation		150			150	150	Bike, ITAC	Rehab	System preservation
TOTAL RECOMMENDED LOCAL PROJECTS				4,000	598	300	3,102	4,000			

Regional Projects

RTIP #	Implementing Agency	Project	Cumulative STIP	Need/ Request	STIP-in priority order	CMAQ	RSTP	Staff Rec.	Committee Rec's	Mode (s)	Performance Measures (direct project benefits)
RTC 28	RTC	Hwy 1 Soquel-Morrissey Aux Lane	3,332	2,734	2,734			2,734	ITAC	Auto/Bike/Ped	Mobility; Accessibility; Safety; Productivity
RTC 01	RTC	Freeway Service Patrol	3,632	300	300			300	Bike, ITAC	TSM	Mobility; Safety; Reliability; Environment
RTC 27	RTC	MBSST Trail Network	4,417	785	785			785	Bike, ITAC	Bike/Ped	Mobility; Accessibility; Safety; Productivity; Environment
RTC 02	RTC	Rideshare Program	4,717	300	300			300	Bike/E&D/ITAC	Bike/Ped/TDM/Transit	Mobility; Productivity; Environment
RTC 24	RTC	Hwy 1 HOV Lane Project - PA/ED	4,933	2,000	216	19	1,765	2,000	ITAC	Auto/Transit/Bike/Ped	Mobility; Accessibility; Safety; Reliability; Productivity; Environment
RTC 30	RTC	Hwy 1/Mar Vista Bike/Ped Bridge	11,497	7,531	6,564		967	7,531	Bike, ITAC	Bike/Ped	Mobility; Accessibility; Safety; Productivity; Environment
SC 25	Santa Cruz City	Rt 1/9 Intersection Improvements	11,997	500	500			500	ITAC	Auto	Mobility; Accessibility; Safety; Productivity
WAT 8	PVTMA	Pajaro Valley TMA Operations		120		120		120	Bike/E&D/ITAC	Bike/Ped/TDM/Transit	Mobility; Safety; Productivity; Environment
RTC 17	SCTMA	Santa Cruz Area TMA Operations		120		120		120	Bike/E&D/ITAC	Bike/Ped/TDM/Transit	Mobility; Productivity; Environment
TOTAL RECOMMENDED REGIONAL PROJECTS				14,390	11,399	259	2,732	14,390			

	STIP	CMAQ	RSTP*	Total
Total Projected to Be Available	11,997	559	6,300	18,856
Total Recommended = Local + Regional Projects	11,997	559	5,834	18,390
Reserve (program as part of 2008 STIP or if CTC does not approve STIP for some projects)	0	0	466	466

*\$967 RSTP for the Mar Vista project expected to come from FY10/11 funds

Other Project's Considered/Not Recommended

Agency	Project	\$ Needed	Staff Rec.	Reason Not Recommended at this time	Committee Rec's
RTC	Pajaro Station	10,000	0	Exceeds available funding. Reconsider in future.	
RTC	Hwy 1: Chanticleer Bike/ Pedestrian Overcrossing	5,545	0	Exceeds available funds. Mar Vista identified as higher priority. Continue to pursue as part of HOV Lane project.	E&DTAC
Santa Cruz City	San Lorenzo Bridge Widening	500	0	Met fewer performance criteria. Project not fully funded through construction.	
RTC	Highway 1 Auxiliary Lanes: 41st Ave to Soquel Ave	21,389	0	Exceeds available funds. Continue to pursue as part of HOV Lane/TSM project.	
RTC	Highway 1 Auxiliary Lanes: Bay/Porter to Park	17,973	0	Exceeds available funds. Continue to pursue as part of HOV Lane/TSM project.	
Caltrans	Highway 1/Harkins Slough Rd Interchange - Cost Increases	TBD	0	Additional needs to be determined after traffic study completed, as part of future STIP cycles.	
Caltrans/ County	Highway 1 Wadell Creek & Scotts Creek Bridge Replacements & Watershed Restoration	95,000	0	Exceeds available funds. Consider once funding plan developed/better cost estimate available. CT may be able to fund replacement cost (\$25M of \$65M total cost) from SHOPP	
Caltrans	Hwy 1/17 Supplemental	5,532	08STIP	To be submitted separately to CTC. Could come out of 2008 STIP target instead of 2006 STIP.	

Definitions

- Safety Reduces collisions, injuries, fatalities
- Mobility Reduces delay, travel time
- Accessibility Increases access to variety of modes and/or destinations
- Reliability Reduces travel time variability
- Accessibility Increases access to variety of modes and/or destinations
- Reliability Reduces travel time variability
- Productivity Increases throughput, # of trips that can be made, vehicle occupancy
- Environment Reduces air pollution, restores environmentally sensitive areas beyond required mitigations
- System Addresses backlog of facilities overdue for maintenance
- Preservation
- Mode (s) Mode of transportation served- ex. auto, bike, pedestrian, transit, etc.
- TDM Transportation Demand Management
- TSM Transportation System Management
- TMA Transportation Management Association
- HOV High Occupancy Vehicle (carpool/diamond lanes)
- PAVED Project Approval/Environmental Document (environmental review phase)

Project Summaries
Projects Considered for Programming
STIP Augmentation, RSTP, and CMAQ funds
To be considered by RTC 4/5/07

Regionally Significant Projects – Listed in priority order for those projects proposed for STIP

Highway 1 Auxiliary Lanes –Soquel Ave to Morrissey Blvd.

Staff Recommendation: \$2,734,000 STIP. If CTC does not approve STIP funds, reconsider in 2008 STIP.

Funds needed to match \$2.9 million federal earmark and \$16.2 million from the Corridor Mobility Improvement Account (CMIA). The purpose of this project is to improve traffic conditions for merging on and off Highway 1 between the Soquel Avenue and Morrissey Boulevard interchanges, the busiest section of State Route 1 in Santa Cruz County. The average daily traffic volume along this segment is over 110,000 vehicles per day. The project will improve safety for merging vehicles and improve pedestrian and bicycle access across the freeway at La Fonda and Morrissey.

Freeway Service Patrol

Staff Recommendation: \$300,000 STIP. If CTC does not approve STIP funds, reconsider in 2008 STIP.

The Freeway Service Patrol is made up of roving tow-trucks which provide free service to motorists on Highways 1 and 17 during peak travel periods, and clear collisions, stalled vehicles and debris from the travel lanes. It is one of the most cost-effective projects for reducing congestion on State Highways. Staff recommends programming \$100,000/year for three additional years of service.

Monterey Bay Sanctuary Scenic Trail Network (MBSST)

Staff Recommendation: \$785,000 STIP. If CTC does not approve STIP funds, reconsider in 2008 STIP.

Funds will provide non-federal match to SAFETEA LU Earmark. Construction of a continuous network of bicycle/pedestrian facilities on or near the coast through Santa Cruz County. This project will connect to bicycle/pedestrian facilities in Monterey County. Part of the network may be built within the rail right-of-way. The project will be constructed in segments as funding becomes available. The exact segment of pathway to be constructed with these funds will be determined upon completion of the Master Plan for the MBSST and Coastal Trail Network. Total project cost is unknown.

Rideshare Program

Staff Recommendation: \$300,000 STIP. If CTC does not approve STIP funds, reconsider in 2008 STIP. Funds are contingent on the Transportation Demand Management analysis.

The RTC's Rideshare Program, Commute Solutions, provides information and services that assist travelers in accessing mobility choices other than single-occupant car use, such as joining carpools or vanpools, riding transit, biking, walking, or telecommuting. Staff recommends programming \$150,000/year to cover two additional years of this program.

Highway 1/HOV Project Approval/Environmental Document (PA/ED)

Staff Recommendation: \$2,000,000 (RSTP, CMAQ & STIP combo). If CTC does not approve \$216,000 STIP funds, give RSTP instead.

Funds would be used to complete the Project Approval/Environmental Document (PA/ED) phase of this project. This project includes HOV lanes between Morrissey Boulevard and San Andreas/Larkin Valley Road, auxiliary lanes, ramp meters, park and ride lots, bicycle/pedestrian bridges, and soundwalls.

The project cost increased in part because of delay in delivery of the regional traffic model by AMBAG and an unanticipated schedule change due to a decision by the Federal Highway Administration (FHWA) and State Historic Preservation Office (SHPO) regarding the cultural resource study. These funds replace the \$200,000 in RSTP that was redirected to the Soquel/Morrissey Project PA/ED in June 2006, address the \$1.6 million increase in the Nolte contract and funds needed to cover staff time, public outreach materials and on-call engineering consultant work. These funds supplement the \$7.8 million in Congestion Mitigation and Air Quality Improvement Program (CMAQ) and Regional Surface Transportation Program (RSTP) funds previously programmed to this preliminary stage of the project. For details see Attachment 10.

Highway 1: Mar Vista Bicycle/Pedestrian Overcrossing

Staff Recommendation: \$7,531,000 (\$6,564,000 STIP & \$967,000 RSTP). If CTC does not approve STIP funds, reconsider in 2008 STIP.

This overcrossing of Highway 1 was identified as the highest priority of three new crossings proposed as part of the Highway 1 HOV Lane project, following a public outreach effort with input provided by RTC's advisory committees in 2005/06. Environmental clearance for the project will be secured through the current PA/ED process for the HOV Lane project and subsequently developed separate from the highway project to ensure early delivery. The project is intended to serve the Mar Vista Elementary School, and replace traffic on State Park Drive and Soquel Drive with pedestrian/bicycle trips.

Highway 1/9 Intersection Design

Staff Recommendation: \$500,000 STIP. If CTC does not approve STIP funds, reconsider in 2008 STIP.

Funds to be used on the design phase of this project. This project will modify the existing intersection to include additional turn lanes. The City of Santa Cruz is currently in the process of developing the environmental document and Project Report using local funds. This proposal would add funds for future phases of the project, which would be matched by traffic impact fees and other City funds.

Pajaro Valley Transportation Management Association (PVTMA)

Staff Recommendation: \$120,000 CMAQ. Second year of funding is contingent on the Transportation Demand Management analysis.

Provides information and services that assist travelers in accessing mobility choices other than single-occupant car use. Staff recommends programming \$60,000/year to cover two additional years of this program.

Santa Cruz Area Transportation Management Association (SCATMA)

Staff Recommendation: \$120,000 CMAQ. Second year of funding is contingent on the Transportation Demand Management analysis.

Provides information and services that assist travelers in accessing mobility choices other than single-occupant car use. Staff recommends programming \$60,000/year to cover two additional years of this program.

Local Projects

Clares Street Traffic Calming (Capitola)

\$200,000 RSTP

Traffic calming and pedestrian improvements, including bulb outs, raised pedestrian crossing at Clares street from Wharf Road to 41st Avenue. \$200,000 will provide the additional funding required to complete this project.

Ocean Street Rehabilitation (Santa Cruz)

\$551,000 RSTP

Road rehabilitation between Water Street and Soquel Avenue. \$551,000 will provide the additional funding required to complete this project.

San Lorenzo River Bike/Pedestrian Bridge (Santa Cruz)

\$300,000 CMAQ

Construction of a bicycle and pedestrian bridge over the river adjacent to Highway 1 and connecting to the San Lorenzo River Levee Bike Path. \$300,000 will provide some of the additional funding required to complete this project. Additional funding in the amount of \$1,000,000 is still needed to complete this project. The City is also seeking a State Riverways grant and local funds for the project to ensure full funding of the project. If sufficient other funds are secured, \$300,000 in RSTP funds previously programmed in this project will be shifted to the Ocean Street Rehabilitation Project.

Traffic Signal Modernization (Scotts Valley)

\$200,000 RSTP

Upgrading/replacing traffic signal hardware and software components. The existing signal hardware components and software are outdated. Replacement parts are very difficult to find. This is a new RTIP project.

Freedom Boulevard Rehabilitation (Watsonville)

\$751,000 RSTP

Road Rehabilitation and the addition of bike lanes between High Street and Lincoln Street. \$751,000 will provide the additional funding required to complete this project. The total cost of this project is \$958,000.

Calabasas Road Widening (County of Santa Cruz)

\$100,000 RSTP

Installs bike lanes, curb, gutter and sidewalks on Calabasas Road. \$975,000 in a combination of RSTP and RSTPX funds are programmed to this project. The County has also requested that \$375,000 be transferred to another project. This project is also programmed to receive \$50,000 in AB2766 grant funds and \$100,000 in TDA funds. The additional \$100,000 in RSTP funds requested will provide some of the additional funding required to complete this project. Additional funding in the amount of \$500,000 is still needed to complete this project. The funding gap for this project is expected to come from Safe Routes to School Grant and

Developer fees.

Graham Hill Road Safety Improvements near Roaring Camp (County) **\$350,000 STIP**
Shoulder widening, drainage and lighting improvements. \$2,626,000 in STIP funds are currently programmed to this project. \$350,000 will provide some of the additional funding required to complete this project. Bike lanes and a left turn lane were removed from the scope of this project to respond to funding shortfalls. The total cost of this project is \$3,500,000.

State Park Drive-Seacliff Area Improvements (County of Santa Cruz) **\$150,000**
Project to enhance pedestrian, bicycle and transit operations and rehabilitate roadway in Seacliff commercial area. \$437,000 in RSTPX and \$187,000 in TDA funds are currently programmed to this project. \$150,000 will provide some of the additional funding required to complete this project. Additional funding in the amount of \$721,000 is still needed to complete this project. The funding gap for this project is expected to come from Developer fees, TDA and Sanitation Funds.

Green Valley Road Rehabilitation (County of Santa Cruz) **\$500,000**
Roadway rehabilitation from Cowles Road to the city limits. \$310,000 in RSTPX monies are currently programmed to this project. \$500,000 will provide some of the additional funding required to complete this project. Additional funding in the amount of \$250,000 is still needed to complete this project.

Bonny Doon Road Rehabilitation (County of Santa Cruz) **\$300,000**
Roadway rehabilitation from PM 2.34 to Pine Flat Road. \$300,000 in RSTP monies are currently programmed to this project. \$300,000 will provide the additional funding required to complete this project.

Mt. Hermon Road Rehabilitation (County of Santa Cruz) **\$200,000**
Roadway rehabilitation from Zayante Bridge to 1 mile. East of Graham Hill Rd. \$110,000 in RSTP monies are currently programmed to this project. \$200,000 will provide some of the additional funding required to complete this project. Additional funding in the amount of \$175,000 is still needed to complete this project.

San Andreas Road Rehabilitation (County of Santa Cruz) **\$150,000**
Roadway rehabilitation from Zils to La Selva. \$128,000 in RSTP monies are currently programmed to this project. \$150,000 will provide some of the additional funding required to complete this project. Additional funding in the amount of \$222,000 is still needed to complete this project.

El Rancho Road Construction (County of Santa Cruz) **\$248,000**
Roadway slipout repair and construction of a new bridge (viaduct) to reopen the travel way. \$924,000 in RSTP and STIP funds are currently programmed to this project. \$248,000 will provide the additional funding required to complete this project.

Projects Not Recommended this Cycle

Highway 1: Chanticleer Bicycle/Pedestrian Overcrossing **\$5,545,000**

This crossing of Highway 1 was identified as the second priority of three crossings proposed as part of the Highway 1 HOV Lane project, following a public outreach effort with input provided by RTC's advisory committees in 2005/06. Environmental clearance for the project would be secured through the current PA/ED process for the HOV Lane project and subsequently developed separate from the highway project. The project is intended as an alternative route to the Soquel interchange to cross over Highway 1.

Reason not recommended: Due to funding constraints, staff only recommends funding the Mar Vista Highway 1 Bicycle/Pedestrian Bridges this cycle. At its February meeting, the Elderly/Disabled Transportation Advisory Committee recommended that the RTC fund this project.

Hwy 1 Bridge Widening over San Lorenzo River - Design **\$500,000**

The City of Santa Cruz has taken the lead on the Project Approval/Environmental Document (PA/ED) phase of this project to widen the Highway 1 Bridge over San Lorenzo River and has requested \$500,000 from the RTC to fund PS&E (design) in local matching funds. The environmental phase is estimated to cost approximately \$1 million.

Reason not recommended: Concerns about future funding for the project. Reconsider as part of the 2008 STIP.

Pajaro Station

The Transportation Agency for Monterey County (TAMC) is working on a \$90 million capital project to extend Caltrain to Salinas in Monterey County. The Caltrain service extension may include a station at the Watsonville/Pajaro rail junction. The Pajaro Station is estimated to cost \$15 million. Based on ridership projections, TAMC has asked the RTC to consider funding a portion of the project.

Reason not recommended: Reconsider project in future STIP cycles as the Caltrain service extension progresses. Under CTC STIP Guidelines, a county may program a portion of its STIP funds to a project in another county.

Highway 1/17 Cost Overruns

Caltrans has estimated that an additional \$5.5 million is needed to complete this project. This project began construction in February 2006. \$57 million has been programmed to this project. During construction the project has experienced unanticipated cost increases.

Reason not recommended: The CTC will determine whether the supplemental funds will count against the region's 2006 STIP Augmentation target or come out of the region's 2008 STIP share.

Highway 1-Harkins Slough Rd Interchange

Caltrans anticipates that additional funds will be needed to fully fund this project. This joint

Caltrans-City of Watsonville project reconstructs the current half interchange to include an off-ramp onto Harkins Slough Road from Southbound Highway 1 and an on-ramp to Northbound Highway 1 from Harkins Slough Road. The project also includes widening of the Harkins Slough Road Bridge over Highway 1 and will add bike lanes and sidewalks. This project has been programmed in the STIP since 1998. The exact scope of the project will be clarified upon completion of the updated traffic study.

Reason not recommended: Updated cost estimate to be developed after traffic analysis is completed. To be considered as part of future STIP cycles.

Highway 1 Waddell and Scotts Creek Bridge Replacements and Watershed Restoration

The North Coast Advisory Committee, Caltrans, and several resource agencies have been reviewing the possibility of lengthening the replacement bridges to widen the waterway below. Caltrans estimates that replacing the bridges within the existing bridge footprint would cost approximately \$25 million and would be eligible for SHOPP funding. The expanded scope is not eligible for SHOPP funds.

Reason not recommended: Project costs exceed available funds. The estimated cost of the expanded bridges is over \$97 million. Once technical studies are completed, staff will meet with Caltrans, resource agencies, and other interested parties to determine if the project is financially feasible.

Highway 1 Auxiliary Lanes: Bay/Porter to Park and 41st to Soquel

Had a portion of these projects been included in the Corridor Mobility Improvement Account (CMIA) program, the RTC would have had to provide any needed matching funds.

Reason not recommended: Project costs exceed available funds. Continue to pursue as part of the HOV Lane/TSM project.

Attachment 3
(Figure 2 to Resolution)

Proposed Schedule/Funding/Scope Amendments to Existing Projects

ProjNo	Project	Proposed Amendment
CAP 04B	Capitola Village Multimodal Enhancement - Phase 2 & 3	4/07 Proposal: Shift \$268K RSTP to CAP 10 (Capitola Rd Traffic Calming). Project on hold.
CAP 10	Capitola Road Traffic Calming/Improvements	4/07 Proposal: Shift \$268K RSTP from CAP04B (Cap Village)
CO 02	Graham Hill Road Safety Improvements near Roaring Camp	4/07 proposal: Add \$350K STIP to cover project cost increases, shift construction to FY08/09. Modify scope to eliminate turn lanes and bike lanes.
CO 17B	Calabasas Rd widening , bike lanes and sidewalks - Phase 2	4/07 Proposal: Shift \$375K to Amesti SR2S project (CO49) and add \$100K new RSTP.
CO 49	Amesti Road Safe Routes to Schools	4/07 Proposal: Shift \$375K RSTPX from Calabasas Rd project (CO17B)
CT 03B	Highway 1/17 Merge Lanes - Landscaping	4/07 Proposal: Shift construction to FY08/09.
MTD 15	Bus Trip Planner - Advanced Traveler Information System	4/07 Proposal: Shift funds to FY08/09
RTC 03	SC Branch Rail Line Acquisition & Improvements	4/07 Proposal: Shift funds to FY08/09 and expand scope to include improvements.
RTC 21	Bicycle/Pedestrian Path Along Rail ROW	4/07 Proposal: Combine into MBSST Network (RTC 27).
RTC 21A	Santa Cruz Coastal Trail Network	4/07 Proposal: Combine into MBSST Network (RTC 27).
RTC 27	Monterey Bay Sanctuary Scenic Trail Network	4/07 Proposal: Add \$785k STIP. Shift Rail Trail and Coastal Trail Network projects into this one project.
SC 03	San Lorenzo River Bike/Ped Bridge near Hwy 1	4/07 Proposal: Add \$300K CMAQ. If City secures sufficient other grants, \$300K RSTP previously programmed to be shifted to Ocean St Project.
SC 07	Broadway-Brommer Bike Path	4/07 Proposal: Shift construction funds to FY08/09.