

Attachment 2B

Project Benefits Summary -- STIP Project Nominations

Summary of benefits identified in applications submitted by project sponsors

Map #	Project Sponsor	Project Name	STIP Funds requested	Staff Recommendation	Regional Significance	Safety	Mobility (congestion relief, support for alt modes)	Accessibility (opportunity and ease of reaching destinations)
RTC 24f	RTC	Hwy 1 Soquel-41st Auxiliary Lanes and Chanicleer Bike/Ped Bridge: ROW/Design	\$4,000,000	\$4,000,000	High -Serves over 100,000 travelers/day - commuter, goods movement, visitor, emergency vehicle, bicycle and ped travelers	Med - Merging, bike/ped	High - project to reduce peak period congestion, travel time, increase bike/ped access	Med - Increase access to medical facilities, schools, neighborhoods
NA	RTC	Planning, Programming & Monitoring (PPM)	\$300,000	\$150,000	High - Mandated activities required for all projects to access state and federal funds	Low - assess needs, monitor safety projects	Low - assess needs, monitor projects	Low - assess needs, monitor projects
CAP-P08	Capitola	Bay Ave/Capitola Ave Roundabout	\$200,000	\$0	Med - Medium use, ADT 10,000	Med - reduce # and severity of collisions, improve ped safety	Med - reduce peak hour queuing	N/A
CAP-P04	Capitola	Park Ave Sidewalks (Cliffwood Heights neighborhood to Capitola Village)	\$200,000	\$200,000	Low - Fill gaps in pedestrian network	Med - ped	Med - increase ped facilities	Med - increase travel options, access to schools, access to transit
SC-P34	City of Santa Cruz	Branciforte Creek Bike/Ped Bridge near Soquel Dr.	\$1,000,000	\$0	Med - Est. 2000 users/day; fills gap in bike/ped network	Med -bike/ped	Med - increase bike/ped facilities; reduce travel time	Med - increase travel options, access to major job and activity centers, access to schools, access to transit
01SC	City of Santa Cruz	Soquel/Park Way Intersection Improvements	\$500,000	\$450,000	High -Serves over 40,000 travelers/day (all modes) - ADT approx 30,000; serves travel between SC and Live Oak	High - Primary purpose of project. Currently avg 10-13 collisions/yr	High - Reduce delay, travel times, improve access to transit/transit ops, widen s/w	Med - improve access to schools, transit, medical facilities, activity centers
SC 38	City of Santa Cruz	State Route 1 San Lorenzo River Bridge Widening: Design only	\$1,000,000	\$0	High -Serves majority of county population multiple times/year; over 74,000 vehicles/day	High - history of collisions	High - Reduce delay, travel times, peak PM congestion by 39%, improve access to transit op facility	Med - serves major job and activity centers, access to schools

Attachment 2B

Project Benefits Summary -- STIP Project Nominations

Summary of benefits identified in applications submitted by project sponsors

Map #	Project Sponsor	Project Name	STIP Funds requested	Staff Recommendation	Regional Significance	Safety	Mobility (congestion relief, support for alt modes)	Accessibility (opportunity and ease of reaching destinations)
SC 25	City of Santa Cruz	State Routes 1/9 Intersection Improvements	\$1,000,000	\$850,000	High -Serves majority of county population multiple times/year; over 85,000 vehicles/day	High - history of collisions, all modes	High - Reduce delay, travel times, peak PM congestion, improve access to transit op facility, bike/ped access	Med - serves major job and activity centers
01 SV	Scotts Valley	Vine Hill School Road and Tabor Drive Sidewalks and Bike Lanes	\$450,000	\$400,000	Low - Fill gaps in bike/pedestrian network	High - children walking in road now	Med - increase bike and ped facilities, improve traffic flow	Med - increase travel options, access to schools, access to transit
WAT-P28	Watsonville	Airport Boulevard Improvements (extend travel and bike lanes, add sidewalks)	\$1,500,000	\$850,000	High - serves approx 15k users/day; ADT 14,000. Alt route to Hwy 152.	Med -ped, other modes	High - Reduce congestion with bus pull out, lane widening, improve access to transit, add s/w, improve bike lane	Med - increase travel options, access to transit, serves major job and activity centers
CO 1sd	County of SC	Alba Rd PM 3.48 Storm Damage Repair	\$485,000	\$0	Low - low usage, low traffic volumes	Med - widen lanes, shoulder	N/A	Med - fully reopen road to 2-way traffic
CO 2sd	County of SC	Glenwood Drive PM 2.02 Storm Damage Repair	\$600,000	\$0	Low - low usage, low traffic volumes	Med - widen lanes, shoulder	N/A	Med - fully reopen road to 2-way traffic
CO 3sd	County of SC	Green Valley Rd PM 0.69 Storm Damage Repair	\$329,000	\$0	Med - mid traffic volumes	Low - temp plate now	N/A	Low - road currently open
CO 4sd	County of SC	Nelson Rd PM 2.0 Storm Damage Repair	\$1,500,000	\$1,189,000	Low - low usage, low traffic volumes	Med - replace temp bypass	Low - reduce travel times	Med - reopen road
CO 5sd	County of SC	North Rodeo Gulch Rd PM 4.75 Storm Damage Repair	\$650,000	\$0	Low - low usage, low traffic volumes	Med - reduce potential conflicts	N/A	Med - fully reopen road to 2-way traffic
CO 6sd	County of SC	Redwood Lodge Rd PM 1.65 Storm Damage Repair	\$1,000,000	\$850,000	Low - low usage, low traffic volumes	Med - reduce potential conflicts	N/A	Med - reopen road
CO 7sd	County of SC	Vienna Dr at Mesa Dr Storm Damage Repair	\$550,000	\$0	Low - low usage, low traffic volumes	Med - ped	N/A	Med - reopen sidewalk
			\$15,264,000	\$8,939,000				

Attachment 2B

Project Benefits Summary -- STIP Project Nominations

Summary of benefits identified in applications submitted by project sponsors

Project Sponsor	Project Name	Reliability	Productivity (increase efficiency of system, increase use of existing facilities)	System Preservation	Environment	Cost Effectiveness/ Lifecycle Cost
RTC	Hwy 1 Soquel-41st Auxiliary Lanes and Chanicleer Bike/Ped Bridge: ROW/Design	Med - reduce incidents, increase reliability of travel times	Med - Reduce SOV, increase bike and pedestrian mode share; improve access to P&R for carpool and transit use	Med - Will extend life of pavement on highway	Med - Improve air quality by reducing congestion and idling; shift travelers to bike and ped modes	Med - Materials used aimed at extending useful life of facilities
RTC	Planning, Programming & Monitoring (PPM)	Low - assess needs, monitor projects	Low - assess needs, monitor projects, implement projects aimed at reducing SOV use	Low - assess needs, monitor projects	Med - used to prepare RTP, including SB 375 implementation	Low - benefit analysis, using performance measures of plans and funding proposals
Capitola	Bay Ave/Capitola Ave Roundabout	N/A	Med - increase vehicle throughput	N/A	Med - Reduce pollutants, GHG, fuel use, and storm water runoff	None identified
Capitola	Park Ave Sidewalks (Cliffwood Heights neighborhood to Capitola Village)	N/A	Med - could increase transit use, increase ped mode share	N/A	Med - Reduce pollutants, GHG, fuel use by shifting drive to ped	None identified
City of Santa Cruz	Branciforte Creek Bike/Ped Bridge near Soquel Dr.	N/A	Med - Reduce SOV, increase bike and pedestrian mode share	N/A	Med - Reduce pollutants, GHG, fuel use by shifting drive to bike/ped	N/A new facility
City of Santa Cruz	Soquel/Park Way Intersection Improvements	Med - reduce travel time variability, non-recurring congestion, and transit times	Med - increase vehicle throughput, reduce stops 30%, reduce queues 74%, serve left turns	Med - Traffic signal and street lights	Med - Reduce pollutants, GHG, fuel use; storm water quality improvements	25+ years
City of Santa Cruz	State Route 1 San Lorenzo River Bridge Widening: Design only	Med - reduce travel time variability, non-recurring congestion, and transit times	Med - increase vehicle throughput, address projected growth	High - Bridge seismic improvements	Med - Reduce pollutants, GHG, fuel use; storm water quality improvements; improve river flow/fish habitat	50+ year lifecycle; address future volumes, seismic for bridge

Attachment 2B

Project Benefits Summary -- STIP Project Nominations

Summary of benefits identified in applications submitted by project sponsors

Project Sponsor	Project Name	Reliability	Productivity (increase efficiency of system, increase use of existing facilities)	System Preservation	Environment	Cost Effectiveness/ Lifecycle Cost
City of Santa Cruz	State Routes 1/9 Intersection Improvements	Med - reduce non-recurring congestion, and transit times	Med - increase vehicle throughput, address projected growth	Low - pavement overlay part of project	Med - Reduce pollutants, GHG, fuel use; storm water quality improvements	25+ years to 2030 volumes
Scotts Valley	Vine Hill School Road and Tabor Drive Sidewalks and Bike Lanes	N/A	Med - increase bike and ped mode share, transit use	N/A	Med - Reduce pollutants, GHG, fuel use by shifting drive to ped and bike	Reduce road wear and tear, idling
Watsonville	Airport Boulevard Improvements (extend travel and bike lanes, add sidewalks)	Med - increase accessibility and safety to/from transit	Med - increase accessibility and safety to/from transit	Med -reduces backlog of road maintenance	Med - Reduce pollutants, GHG, fuel use by shifting drive to walk and transit	New construction and pavement lifecycle: 20 years
County of SC	Alba Rd PM 3.48 Storm Damage Repair	N/A	N/A	High - Primary purpose of project.	N/A	Repairs roadway
County of SC	Glenwood Drive PM 2.02 Storm Damage Repair	N/A	N/A	High - Primary purpose of project.	N/A	Repairs roadway
County of SC	Green Valley Rd PM 0.69 Storm Damage Repair	N/A	N/A	High - Primary purpose of project.	N/A	Repairs roadway
County of SC	Nelson Rd PM 2.0 Storm Damage Repair	N/A	N/A	High - Primary purpose of project.	N/A	Repairs roadway
County of SC	North Rodeo Gulch Rd PM 4.75 Storm Damage Repair	N/A	N/A	High - Primary purpose of project.	N/A	Repairs roadway
County of SC	Redwood Lodge Rd PM 1.65 Storm Damage Repair	N/A	N/A	High - Primary purpose of project.	N/A	Repairs roadway
County of SC	Vienna Dr at Mesa Dr Storm Damage Repair	N/A	N/A	High - Primary purpose of project.	N/A	Repairs roadway

Attachment 2B

Project Benefits Summary -- STIP Project Nominations

Summary of benefits identified in applications submitted by project sponsors

Project Sponsor	Project Name	Deliverability - Risks to project cost, schedule, funding	Economic Benefit	TE projects - Agree to use Conservation Corps?
RTC	Hwy 1 Soquel-41st Auxiliary Lanes and Chanicleer Bike/Ped Bridge: ROW/Design	CEQA/NEPA clearance, right-of-way, and permitting could impact schedule.	Med - job creation, facility used by visitors and goods movement	Yes - If TE used for portions of project
RTC	Planning, Programming & Monitoring (PPM)	Ongoing project	Low - 1 FTE/yr, Work program includes economic analysis of transportation system	N/A
Capitola	Bay Ave/Capitola Ave Roundabout	Public education and support will be needed; funding being sought from others	None identified	Yes - commit to see if they could construct portion
Capitola	Park Ave Sidewalks (Cliffwood Heights neighborhood to Capitola Village)	No risks anticipated	None identified	Yes - commit to see if they could construct portion
City of Santa Cruz	Branciforte Creek Bike/Ped Bridge near Soquel Dr.	Environmental permits needed; not fully funded	48 construction jobs, used by visitors, access to downtown, ecotourism	Yes
City of Santa Cruz	Soquel/Park Way Intersection Improvements	No risks- project ready to construct	27 construction jobs, used by visitors, access to businesses	N/A
City of Santa Cruz	State Route 1 San Lorenzo River Bridge Widening: Design only	State permits and approval needed; project not fully funded	Med - 450 construction jobs, visitor use, access to econ centers, reduce flooding	N/A

Attachment 2B

Project Benefits Summary -- STIP Project Nominations

Summary of benefits identified in applications submitted by project sponsors

Project Sponsor	Project Name	Deliverability - Risks to project cost, schedule, funding	Economic Benefit	TE projects - Agree to use Conservation Corps?
City of Santa Cruz	State Routes 1/9 Intersection Improvements	State permits and approval needed	Med - 123 construction jobs, visitor use, access to econ centers, reduce flooding	N/A
Scotts Valley	Vine Hill School Road and Tabor Drive Sidewalks and Bike Lanes	No risks anticipated, but if not fully funded, will need to see other grants	Low - 20 jobs	Yes
Watsonville	Airport Boulevard Improvements (extend travel and bike lanes, add sidewalks)	No risks anticipated	Med - 15 jobs, serves visitors, improves access to shopping/commercial	Maybe - open to seeing if corps could construct portion
County of SC	Alba Rd PM 3.48 Storm Damage Repair	Environmental permits needed; no local funds	None identified	N/A
County of SC	Glenwood Drive PM 2.02 Storm Damage Repair	Environmental permits needed; no local funds	None identified	N/A
County of SC	Green Valley Rd PM 0.69 Storm Damage Repair	Environmental permits needed; no local funds	None identified	N/A
County of SC	Nelson Rd PM 2.0 Storm Damage Repair	Environmental permits and right-of-way mitigation; no local funds	None identified	N/A
County of SC	North Rodeo Gulch Rd PM 4.75 Storm Damage Repair	Environmental permits needed; no local funds	None identified	N/A
County of SC	Redwood Lodge Rd PM 1.65 Storm Damage Repair	Environmental permits needed; no local funds	None identified	N/A
County of SC	Vienna Dr at Mesa Dr Storm Damage Repair	Environmental permits needed; no local funds	None identified	N/A