

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

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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				

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Project Sponsor	Project Name	Reliability	Productivity (<i>increase efficiency of system, increase use of existing facilities</i>)	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

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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

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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

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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