



Santa Cruz County Regional Transportation Commission's
Elderly & Disabled Transportation Advisory Committee
(Also serves as the Social Service Transportation Advisory Council)

AGENDA ~ 1:30pm- 3:00pm, Tuesday, August 9, 2016
Regional Transportation Commission Santa Cruz Office
1523 Pacific Avenue, Santa Cruz, CA, 95060

- 1. 1:30pm – Call to Order**
- 2. 1:30pm - Introductions**
- 3. 1:35pm - Oral communications**
- 4. 1:40pm- Additions or deletions to the consent or regular agenda**

1:42pm- 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 E&D TAC or public wishes an item be removed and discussed on the regular agenda. Members of the E&D TAC 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 E&D TAC member objects to the change.

- 5. Approve Minutes from June 14, 2016 Meeting – pg. 3**
- 6. Receive Transportation Development Act Revenues Report – pg.7**
- 7. Receive Information Items – pg. 8**
 - a. Plan for Art along the Coastal Rail Trail in Santa Cruz Flyer**
- 8. Receive Agency Updates** *(other than items on the regular agenda)* - none

REGULAR AGENDA

- 9. 1:45pm- Surface Transportation Block Grant Program (STBG) Recommendations - pg. 9**
- 10. 2:30pm- Transportation Improvement Plan Ballot Measure Update – pg. 18**
- 11. 2:45pm - Pedestrian Safety Workgroup Verbal Update - Draft Brochure: "What Pedestrians and Bicyclists Want Each Other to Know"**
- 12. 3:00pm- Adjourn**

Next meeting: 1:30 pm, September 6, 2016 at the RTC Office, Santa Cruz. Meeting may be canceled if there are no actions to be brought before the Committee.

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 info@sccrtc.org to subscribe.

ACCOMMODATIONS FOR PEOPLE WITH DISABILITIES

The Santa Cruz County Regional Transportation Commission does not discriminate on the basis of disability and no person shall, by reason of a disability, be denied the benefits of its services, programs, or activities. This meeting location is an accessible facility. If you wish to attend this meeting and require special assistance in order to participate, please contact RTC staff at 460-3200 (CRS 800/735-2929) at least three working days in advance of this meeting to make arrangements. People with disabilities may request a copy of the agenda in an alternative format. As a courtesy to those person affected, please attend the meeting smoke and scent-free.

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

Elderly & Disabled Transportation Advisory Committee

Minutes
Tuesday, June 14, 2016

RTC Offices
1523 Pacific Avenue, Santa Cruz, 95060

1. Call to Order: 1:30 pm

2. Introductions

Members Present:

Pam Arnsberger, 2nd District
Lisa Berkowitz, CTSA
Debbi Brooks, Social Service Provider- Persons
of Limited Means
John Daugherty, Metro Transit
Veronica Elsea, 3rd District
Clay Kempf, Social Service Provider for Seniors
Greta Kleiner, Potential Transit User
Cara Lamb, Potential Transit User

Alternates Present:

Laura Diaz, Community Bridges/Lift Line
Tom Duncanson, 2nd District
Sheryl Hagemann, Social Service Provider-
Disabled
John Mills, Potential Transit User
April Warnock, Metro Transit/ParaCruz

Excused Absences:

Michael Molesky, Social Service Provider
Disabled
Lori Welch Bettencourt, 4th District

Unexcused Absences:

RTC Staff Present:

Grace Blakeslee
Ginger Dykaar
Brianna Goodman
Cathy Judd
Karena Pushnik
Rachel Moriconi

Others Present:

Rodney Cahill, Mesiti-Miller Engineering
Barrow Emerson, Metro Transit
Scott Hamby, City of Scotts Valley
Irene Ibeanza
Dulce Lizarraga-Chagolla, CCCIL
Vi Olly
Jack Sohriakoff, County of Santa Cruz
Kathleen Wright

3. Oral Communications

- July is the anniversary of the signing of the Americans with Disabilities Act signed by President Bush on July 26, 1990
- The RTC will hold a public hearing on June 16 at 9:30 am at the City of Santa Cruz Council Chambers to discuss, make its decision, and take action on placing the ½ cent tax measure on the November ballot. The Board of Supervisors takes action on June 29th.

4. Additions or deletions to consent and regular agenda - None

- Hand out for Item 13 – Letter from Garfield Park Village - Transit Service Reductions
- Item 9 – Revised E&D TAC meeting calendar – August 9, 2016 E&D TAC meeting, previously removed from the calendar, will be held
- Invitation for folks to apply for the E&D TAC membership especially for District 5

CONSENT AGENDA

5. Approved Minutes from May 10, 2016

Action: The motion (Daugherty/Brooks) - - to approve the Consent Agenda - - carries.

Ayes: Pam Arnsberger, Lisa Berkowitz, Debbi Brooks, John Daugherty, Veronica Else, Clay Kempf, Greta Kleiner, Cara Lamb, Laura Diaz, Sheryl Hagemann

Nays:

Abstain:

6. Received Transportation Development Act Revenues Report
7. Received RTC Meeting Highlights
8. Received E&D TAC Roster
9. Approved Revised 2016 E&D TAC Meeting Calendar
10. Received Final Unmet Paratransit and Transit Needs List
11. Received Information Items
- a. AP Article from June 10, 2016, "Transit Systems Eye Uber, Lyft for Savings on the Disabled."
12. Received Agency Updates
- a. Volunteer Center – 3rd Quarter Report
 - b. Community Bridges – 2nd Quarter Report
 - c. Santa Cruz Metro –
 - i. ParaCruz Report

REGULAR AGENDA

13. Santa Cruz Metropolitan Transit District Service Reduction Proposal

Barrow Emerson, Metro, provided an update on the Santa Cruz Metropolitan Transit District Comprehensive Operational Analysis and fixed-Route Service Reduction Proposals. Metro held public hearings on May 26 and 27 regarding the proposed service reduction and Metro's Board is scheduled to adopt the service reduction proposal at its June 24, 2016 Board meeting at the City of Santa Cruz Council Chambers beginning at 8:30 am. Metro conducted extensive outreach to obtain input on the proposed service reductions. More information regarding routes is available at <http://scmetroforward.com/>

Members discussed the proposed FY 16-17 and FY 17-18 Metro budget including contributions from Cabrillo College in the amount of \$944,000, and UCSC in the amount of \$600,000 above the current \$3.5M; measures to reduce operating expenses and increase revenue; and transit service restructuring. Members discussed future transit services including, but not limited to, route 4 serving Emeline, route 19 serving Garfield Park; and, ParaCruz service. Members also discussed the difference in cost between Metro fixed-route transit service and ParaCruz service.

14. City of Scotts Valley Mt. Hermon Rd/Scotts Valley Dr/Whispering Pines Dr Intersection Operations Improvement Project

City of Scotts Valley provided a presentation on the preliminary design for the Mt. Hermon Rd/Scotts Valley Dr/ Whispering Pines Dr Intersection Operations Improvement Project. Members discussed the impact of reducing the size of the pork chop islands particularly on sight impaired individuals; installation of audible pedestrian beacons and locator tones where there are rapid flashing beacons, and expanding pedestrian facilities and reducing crossing distances.

15. County of Santa Cruz TDA Claim for Boulder Creek Elementary Pedestrian Improvements and Twin Lakes State Beach/Monterey Bay Sanctuary Scenic Trail Network Project

Jack Sohriakoff, County of Santa Cruz presented the TDA Article 8 allocation claim for bike lane maintenance (\$150,000), Boulder Creek Elementary School Pedestrian Safety Project (\$150,000), and Twin Lakes State Beach Sanctuary Scenic Trail Project (\$86,069). The project is consistent with the County's March 2011 Bicycle Transportation Plan; and the RTC's Monterey Bay Sanctuary Scenic Trail Network Master Plan and 2014 Regional Transportation Plan.

Members discussed including a crosswalk at Gross Street and Highway 9 as part of the Boulder Creek Elementary School Pedestrian Safety Project.

Action: The motion (Kempf/Arnsberger) - - to recommend to the Regional Transportation Commission approval of the County of Santa Cruz TDA Claim for Bike Lane Maintenance for \$150,000, Boulder Creek Elementary School Pedestrian Safety Project for \$150,000, and Twin Lakes State Beach Sanctuary Scenic Trail Project for \$86,069 - - carries.

Ayes: Pam Arnsberger, Lisa Berkowitz, Debbi Brooks, John Daugherty, Veronica Elsea, Clay Kempf, Greta Kleiner, Cara Lamb, Laura Diaz, Sheryl Hagemann

Nays: None

Abstain: None

16. Regional Transportation Plan – Project List

Ginger Dykaar, RTC Transportation Planner, reviewed the process for developing the 2040 Regional Transportation Plan and 2040 Metropolitan Transportation Plan project list and requested input from members on the draft project list. Once the draft project list is complete, the list will be analyzed by staff and then separated into financially constrained and unconstrained project lists. The final project list will be brought back to the RTC, project sponsors, Advisory Committees, and the public for review before the final 2040 RTP is adopted in 2018.

Members asked about the project listing related to accessible pedestrian signal funding and requested that the project description read, "grant program to fund installation of accessible pedestrian signal equipment with locator tones including rapid flashing beacons and count-down timers, etc. to facilitate crossings by mobility impaired persons". Members also reviewed cost estimates for the 22 year period.

17. User Oriented Transit Plan Project Information

Grace Blakeslee, RTC Transportation Planner, informed members that the RTC was awarded a Transit Planning for Sustainable Communities grant of \$150,000 from Caltrans to conduct a User Oriented Transit Travel Planning Project to test an individualized marketing program in Santa Cruz County that encourages solo-drivers to switch transportation modes, with a special emphasis on attracting new transit riders. Brianna Goodman, RTC Transportation Planning Technician, described the project activities including selecting neighborhoods for testing the project, developing customized materials to provide information about transit, bicycling and walking services, identifying individuals most likely to change behavior through expressed interest, conducting personalized outreach, and collecting before and after data to measure the change in the frequency with which participants use transportation modes, and awareness and attitudes about alternatives

to solo-driving. The RTC is working in partnership with Metro to develop the project and Metro will provide free transit passes to support the effort.

Members asked if the targeted neighborhoods represented families, seniors and long-term residents, discussed the use of Google maps, Metro Headways, using Metros in-person resources, and creating opportunities to participate on-line. Members provided suggestions for outreach including identifying ambassadors in each neighborhood to encourage neighborhood participants, utilizing neighborhood email lists, property management companies, and faith based organizations to inform individuals about the opportunity to participate.

18. Pedestrian Safety Workgroup Update – Draft Brochure What Pedestrian and Bicyclists Want Each Other to Know

Veronica Elsea, Pedestrian Safety Workgroup Chair, discussed the Draft Brochure *What Pedestrians and Bicycles Want Each Other to Know*. The goal of the document is to foster better understanding and good relationships between pedestrians and cyclists. The Pedestrian Safety Work Group presented the draft document and received input from Bicycle Advisory Committee at its June 6th meeting. Ms. Elsea requested input and suggestions on the Draft document from members.

19. Adjourn 4:16 pm

Respectfully submitted, Cathy Judd, RTC Staff

**SANTA CRUZ COUNTY REGIONAL TRANSPORTATION COMMISSION
TDA REVENUE REPORT
FY 2015-2016**

MONTH	FY14 - 15 ACTUAL REVENUE	FY15 - 16 ESTIMATE REVENUE	FY15 - 16 ACTUAL REVENUE	DIFFERENCE DIFFERENCE	DIFFERENCE AS % OF PROJECTION	CUMULATIVE % OF ACTUAL TO PROJECTION
JULY	591,100	602,922	601,300	-1,622	-0.27%	99.73%
AUGUST	788,200	803,964	801,800	-2,164	-0.27%	99.73%
SEPTEMBER	791,871	807,709	872,384	64,675	8.01%	102.75%
OCTOBER	616,700	629,034	617,500	-11,534	-1.83%	101.74%
NOVEMBER	822,300	838,746	823,300	-15,446	-1.84%	100.92%
DECEMBER	719,449	733,838	917,127	183,289	24.98%	104.92%
JANUARY	601,300	580,629	631,600	50,971	8.78%	105.37%
FEBRUARY	801,800	758,764	842,100	83,336	10.98%	106.11%
MARCH	739,331	835,900	763,406	-72,494	-8.67%	104.23%
APRIL	524,400	524,826	559,000	34,174	6.51%	104.40%
MAY	699,200	699,732	745,400	45,668	6.53%	104.59%
JUNE	853,689	812,340	795,139	-17,201	-2.12%	103.96%
TOTAL	8,549,340	8,628,404	8,970,056	341,652	3.96%	104%

Note:

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SANTA CRUZ ARTISTS

THURSDAY
AUGUST 11
6 PM - 7:30 PM

Visit different tables featuring sections of the trail and share your creative ideas of how to make the Rail Trail pop with art!

BACKGROUND

The COASTAL RAIL TRAIL is the result of a 20-year long effort to purchase the Santa Cruz Branch Rail Line. In October 2012, the Regional Transportation Commission (RTC) secured a 32-mile section connecting Davenport to Watsonville, placing the trail in public ownership with plans to create a multi-use bicycle and pedestrian trail. The City of Santa Cruz has committed to completing the section that runs from Natural Bridges to the Beach Boardwalk by 2018.



santa cruz
cityarts

HELP US PLAN FOR ART ALONG THE COASTAL RAIL TRAIL

KELLY'S BAKERY
SWIFT ST. COURTYARD*
402 INGALLS ST. / SANTA CRUZ

*parking limited - bike/carpool suggested

WHERE YOU FIT IN

The trail represents a significant opportunity to incorporate and display public art! Help us craft a vision for art that welcomes visitors to Santa Cruz and highlights unique features along the trail. We will invite local artists and artist teams to collaboratively develop installation ideas along the city's portion of the trail, with artwork selected for installation as funds allow.

FOR MORE INFORMATION

CONTACT

Beth Tobey / City Arts Manager
831.420.5154
BTobey@CityofSantaCruz.com

Cory Caletti
Sr. Transportation Manager
831.460.3201
ccaletti@sccrtc.org

VISIT

SantaCruzCityArts.com/
programs-partnerships
SantaCruzTrail.org

AGENDA: August 2016

TO: Regional Transportation Commission (RTC) Advisory Committees

FROM: Rachel Moriconi, Sr. Transportation Planner

RE: *2016 Surface Transportation Block Grant Program (STBG) - Preliminary Staff Recommendations*

RECOMMENDATION:

Staff recommends that the Regional Transportation Commission's Bicycle Committee, Elderly and Disabled Transportation Advisory Committee (E&D TAC), and Interagency Technical Advisory Committee (ITAC) review and provide input on preliminary staff recommendations for the *2016 Surface Transportation Block Grant Program (STBG) (Attachment 1)* and make Committee recommendations to the Regional Transportation Commission (RTC).

BACKGROUND

The Regional Transportation Commission (RTC), as the state-designated Regional Transportation Planning Agency (RTPA) for Santa Cruz County, is responsible for selecting projects to receive funds from a variety of state and federal programs. These include the region's shares of federal Surface Transportation Block Grant Program (STBG) funds –*previously known as the Regional Surface Transportation Program (RSTP)*.

STBG funds can be used on a variety of projects, as set forth in the Federal transportation act – currently called the "FAST Act"- and Title 23 of U.S. Code, Section 133(b). These include: highway, local street and road, transit and paratransit capital, bicycle, pedestrian, carpool, safety, rail and bridge projects that are consistent with the *Regional Transportation Plan (RTP)*. Funds cannot be used for general operations or maintenance. The RTC selects projects to receive funds through a competitive application process based on criteria approved by the RTC. The RTC also considers input received from RTC's advisory committees and during a public hearing. Approved projects are programmed in the RTC's *Regional Transportation Improvement Program (RTIP)*.

Approximately \$7 million of the region's share of Surface Transportation Block Grant Program (STBG) funds are available for new projects through FY17/18. *This is the amount remaining after subtracting \$224,813 that the County of Santa Cruz receives directly each year from the region's share, previously committed RSTP funds, and funds that may be needed to prevent delays to previously programmed STIP projects that otherwise will be ready to be delivered through FY17/18. Due to*

a significant drop in gas tax revenues available for projects previously approved for State Transportation Improvement Program (STIP) funds, the California Transportation Commission (CTC) has delayed most projects and deleted over \$750 million in projects statewide. Earlier this year, the RTC approved substituting a portion of the region's share of STBG funds for STIP funds if projects are ready to proceed before the STIP funding is available.

DISCUSSION

Applications for the region's share of Surface Transportation Block Grant Program (STBG) funds were due July 14, 2016. Project sponsors submitted 22 applications requesting \$13.7 million. Attachment 1 summarizes the projects submitted by project sponsors and preliminary staff recommendations. Project applications are posted on the RTC website <http://www.sccrtc.org/funding-planning/project-funding/>.

Project Evaluation

The RTC selects projects to receive STBG funds on a competitive basis and funds cannot be suballocated based on a formula distribution. While \$7 million is a significant amount of funding, Santa Cruz County transportation agencies have identified an immediate backlog of over \$500 million needed to preserve existing infrastructure, fill gaps in the transportation network, reduce injury and fatal collisions, and meet regional, state, federal, and local mandates. Through 2035 the total funding deficit increases to over \$2 billion, as discussed in the Regional Transportation Plan (RTP). Given the very limited amount of funding available, it is important to ensure that funds are directed to projects that maximize improvements to the region's multimodal transportation network. Consistent with federal and state requirements, in May 2016, the RTC approved several factors to be considered when evaluating projects for this year's STBG program. The RTC directed staff to give the highest priority to projects that address one or more of the first four criteria.

- 1. Number of people served by project**
- 2. Safety**
- 3. Preservation of existing infrastructure**
- 4. Reduce vehicle miles traveled, air pollution, greenhouse gas emissions and/or fuel consumption**
5. Improve access for all modes, especially to and within key destinations
6. Change in travel times and travel time reliability and efficiency of the transportation system, including transit
7. Change in passenger, freight and goods movement efficiency
8. Change in disparities in safety and access for people who are transportation disadvantaged due to age, income, disability or minority status
9. Inclusion in the 2014 RTP "constrained" project list, which implements the SB375-mandated Sustainable Communities Strategy (SCS)
10. Consistency with the Monterey Bay Area Complete Streets Guidebook

11. Public engagement, in identification of the project as a priority and during project planning and implementation
12. Funding (if all other funding is secured and amount of match)
13. Deliverability (if there are barriers to project schedules)

Recommendations

Staff recommends that RTC advisory committees provide input on preliminary staff recommendations and make recommendations to the RTC for approximately \$7 million in Surface Transportation Block Grant Program (STBG) funds (Attachment 1). In most cases, project sponsors have indicated that they would be willing to accept partial awards, though might have to scale back the project scope.

Consistent with the evaluation criteria noted above, the staff recommendations focus these limited funds to projects that serve the greatest number of users, have demonstrated safety needs, preserve existing transportation infrastructure and programs, and/or would do the most to reduce the number of miles driven and associated air pollution and greenhouse gas emissions. For roadway system preservation projects, staff also prioritized roadways that serve multiple modes (e.g. facilities that also serve buses, bicyclists and/or pedestrian use).

Next Steps

RTC advisory committees are concurrently reviewing proposals for funds at their August 2016 meetings. Staff will consider input from committees when developing its final staff recommendations. Committee recommendations and final staff recommendations will be presented at the September 1, 2016 Regional Transportation Commission meeting. The RTC is scheduled to select projects to receive available STBG funds following a public hearing at that meeting.

SUMMARY

The RTC is responsible for selecting projects to receive certain state and federal funds, including the region's share of funds from the federal Surface Transportation Block Grant Program (STBG). Approximately \$7 million in new STGB funds are available for programming to projects in Santa Cruz County through FY17/18. Staff is seeking input from advisory committees on projects proposed to receive these limited funds. A public hearing is scheduled for the September 1, 2016 RTC meeting to take final actions to select projects to receive the funds.

Attachment:

1. 2016 STBG Applications Received and Preliminary Staff Recommendations

Attachment 1
2016 STBG Applications and Preliminary Staff Recommendations

\$7M Available through FY17/18

#	Agency	Project Name	Description	Total Cost	Funds Requested	RTC Staff Recommendation	RTC Staff Comments/Conditions
1	County of Santa Cruz	Aptos Village Phase 2	Construct new traffic signal and railroad crossing at Soquel Drive/Aptos Creek Road. Includes road widening, center turn lane, sidewalks (750 feet), bike lanes, drainage infrastructure, new street (Parade St), and pavement overlay of Soquel Dr (Spreckels to Trout Gulch) and Aptos Creek Rd.	\$2,000,000	\$800,000	\$650,000	High use, major arterial (Soquel Dr), multi-modal, community revitalization project. Includes improved safety and access for bikes, pedestrians, and transit riders; system preservation. RTC has previously awarded \$690k RSTPX to project. Condition: Include bike parking racks as part of project. Consider transit prioritization for signal.
2	County of Santa Cruz	Branciforte Drive Chip Seal	Asphalt Digouts, Chip Seal, and restriping of 0.62 miles of Branciforte Drive from Granite Creek to PM 2.4	\$197,000	\$174,000	\$174,000	Modest traffic volumes providing alternate route between Scotts Valley and Santa Cruz. Some bicyclist use.
3	County of Santa Cruz	Cassery Rd at Spring Hills Creek Bridge Replacement	Replace a deteriorating bridge on Cassery Road over Spring Hills Creek near the intersection of Smith Road (approx. 4 miles north of Watsonville city limits)	\$752,281	\$307,000	\$0	Bridge does need to be replaced, but due to very low traffic volumes (500 per day) it is less competitive for regional funds. RTC has previously awarded \$125k STIP to project.
4	County of Santa Cruz	Empire Grade Chip Seal	Asphalt Digout, Chip Seal, and restriping of 0.53 miles of Empire Grade from PM 13.86 to PM 14.38	\$137,000	\$121,000	\$0	Low use compared to other projects
5	County of Santa Cruz	Glen Arbor Road Recycle, Overlay, & Chip Seal	Pavement Recycling, Asphalt Overlay, Chip Seal, and restriping 0.52 miles of Glen Arbor Road from Hwy 9 at bridge to Quail Hollow Rd. The project will also include a subdrain at a point where a natural spring is causing subgrade destabilization.	\$467,000	\$413,000	\$400,000	Moderate traffic volumes. Primary roadway for Ben Lomond residents, bus route and used by bicyclists. Condition: Consider wider shoulders, bike sharrows and/or "share the road" signs given neighborhood character.
6	County of Santa Cruz	Granite Creek Road Recycle & Overlay	Pavement Recycling, Asphalt Overlay, and restriping of 1.85 miles of Granite Creek Road from Scotts Valley city limits to PM 0.56	\$1,038,000	\$919,000	\$500,000	Modest traffic volumes, popular with bicyclists. Partially fund construction, project can be scaled.
7	County of Santa Cruz	Seacliff Village Streetscape Project	Construct sidewalks, bike lanes, bus stops, central plaza, electrical vehicle charging stations, on street parking, landscaping, and drainage infrastructure.	\$2,000,000	\$425,000	\$0	A strong, complete streets project, however Aptos Village more regionally significant. RTC has previously awarded \$587k RSTPX, plus TDA for project.
8	County of Santa Cruz	Upper East Zayante Road Chip Seal	Asphalt Digouts, Chip Seal, and restriping of 3.74 miles of Upper East Zayante Road from Summit Road to East Zayante Road	\$649,000	\$575,000	\$0	Very low use compared to other projects
9	City of Santa Cruz/Caltrans	State Routes 1/9 Intersection Improvements	Adds lanes to the Highway 1 and 9 intersection to improve operations and safety. The intersection will be upgraded to include standard lane widths, transitions, shoulders, bike lanes, lighting, sidewalks and access ramps.	\$7,850,000	\$1,770,600	\$950,000	Very high use, multimodal, regionally significant project. Some of bike/ped components of project were constructed earlier as the Highway 1 undercrossing. RTC has previously awarded \$1,329,000 STIP to project. Project requires Caltrans oversight.
10	City of Santa Cruz	Pacific Avenue Sidewalk	Construct new sidewalk and crossing on Pacific Avenue between Front Street and 55 Front St (170 ft near 2nd St/Wharf), including installation of a new accessible crossing at Front and Pacific.	\$317,690	\$285,000	\$0	City's 4th priority. Serves fewer people, sidewalk available on one side of road - unclear would increase walking rates. Low collision rate. Consider for TDA in future.
11	City of Santa Cruz	River Street Pavement Rehabilitation between Water Street and Potrero Street	Pavement rehabilitation of River Street between Water Street and Potrero Street.	\$841,733	\$745,186	\$0	Lower priority for city and meets fewer evaluation criteria than other projects in City of Santa Cruz.

#	Agency	Project Name	Description	Total Cost	Funds Requested	RTC Staff Recommendation	RTC Staff Comments/Conditions
12	City of Santa Cruz	Water Street Pavement Rehabilitation between North Branciforte Avenue and Ocean Street	Pavement rehabilitation of Water Street between North Branciforte Avenue and Ocean Street.	\$1,453,769	\$1,287,022	\$450,000	Important multimodal corridor, including several transit routes. Consider reducing length of project. Condition: Add bicycle and pedestrian treatments at intersections, especially at Branciforte to reduce conflicts between motorized and non-motorized users.
13	City of Scotts Valley	Glen Canyon Road/Green Hills Road/S. Navarra Drive Bike Corridor and Roadway Preservation	Repave two roads. add bike lanes, and signage. Includes road markings like sharrows and green lane treatments to assist commuters, students, and recreational bikers.	\$1,265,703	\$1,114,293	\$711,000	Moderate traffic volumes, complete streets project. City may consider reducing scope to Green Hills Road due to partial funding.
14	Watsonville	Green Valley Road Reconstruction from Struve Slough to Freedom Boulevard	Reconstruct existing roadway and bike lanes and install pedestrian improvements	\$1,198,000	\$1,047,000	\$795,000	Significant traffic volumes and sidewalk upgrades needed. Condition: increase sidewalk width. Consistent with Complete Streets Guidebook should ideally be 6 feet.
15	Watsonville	Freedom Boulevard Plan Line	Preparation of a plan line for Freedom Boulevard between Green Valley Road and Buena Vista Drive.	\$160,000	\$141,000	\$140,000	Important planning effort to support all modes on a highly traveled - almost regionally significant- arterial. Serves transportation disadvantaged and is a transit corridor. Condition: Expand planning effort - including public outreach to include more of Freedom Blvd. in City limits
16	SCCRTC	Freeway Service Patrol: Highway 1 and Highway 17	Peak period tow trucks dedicated to patrolling highways and assisting disabled vehicles, removing incidents/collisions with CHP, and clearing obstacles impeding traffic flow.	\$300K/year	\$300,000	\$250,000	Serves peak period travelers on Hwy 1 and Hwy 17; high cost/effectiveness rating. Staff recommendation funds only 1 year of program, rather than 2. \$150k STIP programmed in FY17/18.
17	SCCRTC	Cruz511 TDM and Traveler Information Program	Cruz511 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, park-n-ride lots and trip planning using various modes, and also provides traveler information services on traffic conditions, incidents, road and lane closures, etc. Information provided via website and traveler help desk available for personalized assistance by email or phone (429-POOL).	\$313k/year; 2 years \$626k	\$500,000	\$300,000	Consider partial funding for FY17/18.
18	Caltrans/ SCCRTC	Hwy 1 Corridor/HOV and Soquel-41st Aux Tiered Environmental Document	Funds for the Tier 1 (HOV) program-level and Tier 2 Soquel-41st Ave Aux Lanes environmental document. Additional funds needs to update technical studies & respond to comments on Draft EIR	Enviro: \$13.2M; \$600M total project cost	\$920,000	\$830,000	Most heavily used transportation facility in Santa Cruz County. Provides long term vision for the corridor, upgrades design standards and adds new bicycle and pedestrian facilities. STBG is only source available to complete environmental work/respond to comments received on draft environmental. \$13.2M CMAQ, RSTP, and STIP previously approved. Condition: Work closely with Caltrans, FHWA, and consultant to limit extent of work to essential mandated items.

#	Agency	Project Name	Description	Total Cost	Funds Requested	RTC Staff Recommendation	RTC Staff Comments/Conditions
19	County of SC with RTC & FHWA-CFL	Monterey Bay Sanctuary Scenic Trail - North Coast Rail Trail Phase 2 - (environmental and preliminary engineering)	Develop the preliminary engineering and environmental compliance for 2.1 miles of Class 1, 8 to 12 foot wide multi-use bicycle/pedestrian paved path with decomposed granite shoulders within the rail line right of way along the north coast of Santa Cruz County from Yellowbank Beach to Davenport. Project also includes preliminary engineering and environmental compliance for parking lots at Yellowbank Beach and Davenport Beach and a non-ADA accessible path from the Bonny Doon parking lot to the rail trail.	<i>\$1M for environmental and design phase</i>	\$300,000	\$300,000	Strong safety benefits. Earlier this year the RTC committed to secure \$300k in order to leverage private and federal funds for environmental analysis and design. Additional funds will need to be secured for future phases, including final design and construction.
20	Ecology Action (RTC sponsor)	Ecology Action Countywide SRTS Youth Pedestrian and Bicycle Safety Education	EA will serve approximately 34 second grade classrooms with 'feet on the ground' pedestrian safety education and 24 fifth grade classrooms with bike safety education and 'rodeos' serving a total of 58 classrooms at 11 local schools.	\$65,735	\$50,000	\$50,000	Effective program for improving safety countywide, serves transportation disadvantaged areas. RTC has funded similar programs in the past, but none for this specific effort.
21	Bike Santa Cruz County (County HSA sponsor)	Open Streets Events – Watsonville, Live Oak and Scotts Valley	Free public events that temporarily transform roadways into parks for people to bike, walk, skate and play in a safe and festive environment by temporarily blocking automobile traffic. Open Streets events in Watsonville, Live Oak and Scotts Valley, with exact locations to be determined.	<i>\$107,415</i>	\$60,000	\$0	Relatively low use, unknown effect in meeting evaluation criteria/stimulating increased bicycling and walking. \$50k RSTPX approved by RTC 2/7/13 for events in Watsonville and Capitola.
22	Santa Cruz METRO	3 CNG Replacement Buses	Replace three 1998, 40' low-floor diesel buses with 40' low-floor CNG buses.	<i>\$1,650,000</i>	\$1,402,500	\$500,000	Relatively low use (575/day), but consider funding one bus.
Total					\$13,656,601	\$7,000,000	

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#	Project Name	Summary of Benefits	Estimated Daily Use	Sponsor Priority #	Construction/ Implementation schedule
1	Aptos Village Phase 2	Create a pedestrian friendly environment to encourage use of the businesses and community facilities throughout the Village and the new Village Common; create new infrastructure to access the Village core area for new businesses and residences; provide multi-modal facilities; and, maintain Aptos Villages' historical character.	22,000 (20k ADT + 5% bike and 5% ped)	Not Available (NA)	Summer 2017-Dec 2017
2	Branciforte Drive Chip Seal	Extend the life of this road so that it may continue to benefit the community.	4657	NA	Spring-Fall 2017
3	Casserty Rd at Spring Hills Creek Bridge Replacement	Would open up bridge to 2 lanes and remove the stop signs that had to be placed on either end of the bridge. It will also remove the possibility that the bridge may have to be completely closed down in the near future due to the failing structure.	500	NA	Spring 2018-Fall 2018
4	Empire Grade Chip Seal	Extend the life of this road so that it may continue to benefit the community.	2329	NA	Spring-Fall 2017
5	Glen Arbor Road Recycle, Overlay, & Chip Seal	Extend the life of this road so that it may continue to benefit the community.	7720	NA	Spring-Fall 2017
6	Granite Creek Road Recycle & Overlay	Extend the life of this road so that it may continue to benefit the community.	4,249	NA	Spring-Fall 2017
7	Seacliff Village Streetscape Project	Provide gateway to Seacliff Village and the Seacliff State Beach, improve multi-modal access to and through the Village, increase landscaping, formalize parking, and create a public plaza.	12k/day (10,700 ADT, plus 5% bike and 5%ped)	NA	Summer 2017-Spring 2018
8	Upper East Zayante Road Chip Seal	Extend the life of this road so that it may continue to benefit the community.	1719	NA	
9	State Routes 1/9 Intersection Improvements	Improve access and safety, reduce congestion and bottleneck, energy use and emissions. Heavily traveled, provides access for the university, Santa Cruz west side, Harvey West Area and Downtown.	Over 85,000 vehicles/day	1 of 4	Spring 2017-June 2018
10	Pacific Avenue Sidewalk	Improve pedestrian safety and walking levels through construction of new sidewalk and an improved crossing in a highly traveled corridor. Solve conflict between pedestrians and bikes, autos, and transit vehicles and creates a safer environment for all roadway users.	400 peds and bikes per day. (ADT 8350)	4 of 4	Feb 2018-Aug 2018
11	River Street Pavement Rehabilitation between Water Street and Potrero Street	Preserves existing infrastructure and improves accessibility for a multimodal arterial for all users: auto, trucks, transit, bikes and pedestrians. The method of paving may include cold-in-place recycling which is a more sustainable paving practice.	10,535 ADT	3 of 4	Spring 2018

#	Project Name	Summary of Benefits	Estimated Daily Use	Sponsor Priority #	Construction/ Implementation schedule
12	Water Street Pavement Rehabilitation between North Branciforte Avenue and Ocean Street	Preserves existing infrastructure and improves accessibility for a multimodal arterial for all users: auto, trucks, transit, bikes and pedestrians. The method of paving may include could-in-place recycling which is a more sustainable paving practice.	22,184 (20,448 AADT; 1,742 transit trips)	2 of 4	Summer 2017
13	Glen Canyon Road/Green Hills Road/S. Navarra Drive Bike Corridor and Roadway Preservation	Pavement preservation, increase active transportation (biking), reduce GHG and vehicle use, increase safety, enhance public health.	8943/day	1 of 1	August 2017-May 2018
14	Green Valley Road Reconstruction from Struve Slough to Freedom Boulevard	Extend service life of arterial roadway and ensure safe, drivable surface for motorists and bicyclists. Replacement of existing striping and signage shall enhance safety of motorists and bicyclists. Replacement of existing paved path with concrete curb, gutter and sidewalk and replacement of non-ADA compliant curb ramps and driveways shall improve existing pedestrian facilities and extend service life.	20,181 (20,100 ADT + bikes and peds)	1 of 2	Summer 2018
15	Freedom Boulevard Plan Line	Vehicle, bicycle, pedestrian and transit facilities within the project area are inconsistent, incomplete, outdated and/or in need of reconstruction. Some parcels are undeveloped. Preparation of a plan line that delineates the improvements supported and needed by the community would aid in City efforts to improve and develop this segment of Freedom Boulevard.	10,500 (at Airport Blvd) to 20,100 (at Green Valley Rd)	2 of 2	Spring 2017-2018
16	Freeway Service Patrol: Highway 1 and Highway 17	Reduce non-recurrent congestion, which is estimated to cause 30-50% of congestion; reduce emissions caused by idling; improve safety by reducing likelihood of secondary collisions; reduce delay.	3 per day - direct;	NA	FY17/18-18/19
17	Cruz511 TDM and Traveler Information Program	Reduce traffic congestion, trips, VMT, greenhouse gases and improve health and air quality. Make more efficient use of the existing transportation system by shifting SOV trips to carpool, vanpool, transit, bike and walk. Provide real-time traveler information (traffic), and info on transit, carpool, bicycle and walkways.	100-350/day; website has 2500-3500 unique visitors/month	NA	FY17/18-18/19
18	Hwy 1 Corridor/HOV and Soquel-41st Aux Tiered Environmental Document	Analysis of options, impacts and benefits of modifying Highway 1 corridor. Reduce delay and congestion; improve travel times - especially for transit, carpools; improve pedestrian/bike access across highway. Heavily traveled - over 100,000 vehicles per day. Daily congestion results in by-pass traffic on local arterials.	Over 100,000 travelers/day	NA	Complete environmental phase in FY17/18

#	Project Name	Summary of Benefits	Estimated Daily Use	Sponsor Priority #	Construction/ Implementation schedule
19	Monterey Bay Sanctuary Scenic Trail - North Coast Rail Trail Phase 2 - (environmental and preliminary engineering)	Provide active transportation access along the north coast of Santa Cruz County to and from Davenport, San Vicente Redwoods and BLM Coast Dairies. The benefits of this project are to improve safety of bicyclists and pedestrians by providing a safe path off of Hwy 1, reduce greenhouse gas emissions and improve health by providing a safe alternative to driving, and improve bicycling and pedestrian access to schools, community centers, beaches, parks, and other recreation areas. Many residents and visitors already visit this beautiful area of the north coast with access to beaches, surfing, tidepooling, hiking and birding and this will only increase as San Vicente Redwoods and BLM Coast Dairies are open to the public.	800/day; 292k/year	NA	Fall 2016 to Feb. 2017
20	Ecology Action Countywide SRTS Youth Pedestrian and Bicycle Safety Education	Reduce bicycle and pedestrian crash rates; increase helmet use; reduce 'distracted' pedestrian incidents	1536 students	1 of 1	9/16-3/18
21	Open Streets Events – Watsonville, Live Oak and Scotts Valley	Help communities achieve key sustainable transportation goals; reduce SOV trips, mitigate traffic congestion, reduce carbon emissions, and increase access and safety	5,000 per event; 15k total	1 of 1	Sept 2016-June 2018
22	3 CNG Replacement Buses	The diesel buses are beyond their useful lifespan of 12 years, and the new CNG replacements will reduce GhG emissions, be more reliable, safer and have lower maintenance costs than the diesel buses being replaced.	575 for 3 buses	1 of 1	Spring 2017

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TO: RTC Advisory Committees

FROM: Karena Pushnik, Senior Transportation Planner

RE: **November 2016 Transportation Ballot Measure - Update**

RECOMMENDATION

Item is for information.

BACKGROUND

There are insufficient funds available to operate, maintain, and improve the local transportation system, including multi-modal transportation components, especially as state and federal sources have dramatically decreased and become increasingly unreliable. Existing transportation revenues make up less than 50% of what is required to maintain and improve roads, highways, bridges, sidewalks, bicycle facilities, and public transit. As part of the long range *2014 Regional Transportation Plan*, the Regional Transportation Commission adopted a funding strategy, which includes the pursuit of local funding mechanisms to become a “self help” county with local, independent, secure revenue that cannot be taken by the state and can be used to leverage additional state and federal funding. Placing a ½-cent sales tax on the ballot will allow agencies to meet more of the community’s transportation needs with dependable local funding

Since approval of the long range transportation plan in June 2014, the RTC has solicited input from community groups, local jurisdictions, project sponsors, and the community at large about a possible ½ cent sales tax transportation ballot measure. At its December 2015 meeting, the RTC approved a draft expenditure plan for using new revenues to repair and maintain local streets and roads; preserve transportation services for seniors and people with disabilities; make traveling safer for drivers, buses, pedestrians and bike riders; preserve and maintain the rail corridor; build the coastal rail trail; improve traffic flow and reduce congestion. The draft plan was shared widely with the public, community groups and RTC advisory bodies to solicit input and seek direction about maximizing community engagement. A poll of likely voters was taken in June 2016.

DISCUSSION

At a well attended public hearing on June 16, 2016, the Regional Transportation Commission finalized and adopted a transportation funding plan and approved placing a Safety, Pothole Repair, Traffic Relief, Transit Improvement Measure on the November 2016 ballot.

Amendments made at the hearing to the transportation funding plan included increased allocations to both Santa Cruz METRO and Community Bridges bringing the funding category for Transit for Seniors and People with Disabilities up from 16% to 20% of the total. Funding to the rail corridor category was decreased to 8% of the total and now includes funding for two elements: rail line maintenance and repairs, and for environmental and economic assessment of transportation options in the corridor through a transparent, public process. Attached is the adopted final transportation funding plan ([Attachment 1](#)) that will be considered by voters in November 2016.

Since the RTC approved the final transportation measure, other entities have taken positions endorsing the plan, such as:

- Cities of Capitola, Santa Cruz and Watsonville
- County of Santa Cruz
- Bike Santa Cruz County
- Land Trust of Santa Cruz County
- Seniors Council
- Community Bridges
- Human Care Alliance

The RTC Board also approved the ordinance outlining the structure, administration, oversight, bonding authority, formula allocation to local jurisdictions, and other provisions. The full text of the ordinance, including the ballot language and expenditure plan, are on the project page of the website: www.sccrtc.org/move and will be included in the voter guide.

SUMMARY

To address severe shortfalls in funding for critical local transportation projects, the Regional Transportation Commission worked extensively with the community on a transportation funding plan which has the highest likelihood of securing 2/3 voter support in the November 2016 election.

Attachment 1: Expenditure Plan

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Exhibit A:
Santa Cruz County
2016 Transportation Improvement Plan - Expenditure Plan
- Approved by the RTC board on June 16, 2016-

Overview

The 2016 Transportation Improvement Plan (TRIP) - Expenditure Plan for Santa Cruz County provides a balanced vision to improve, operate and maintain Santa Cruz County's transportation network. The plan will provide safer routes to schools for local students; maintain mobility and independence for seniors and those with disabilities; invest in bicycle and pedestrian pathways and bridges on an unprecedented scale; repave roadways, repair potholes and improve safety on local streets; ease congestion on major roadways; and invest in transportation projects that reduce the pollution that causes global warming.

SUMMARY OF TRANSPORTATION INVESTMENTS	% of Funds
Neighborhood Projects	30%
Direct Allocation to Cities and County	
Local roadway pavement repair and operational improvements, school and neighborhood traffic safety projects, bicycle and pedestrian projects	
San Lorenzo Valley Hwy 9 Corridor Improvements - \$10 million	
Highway 17 Wildlife Crossing - \$5 million	
Highway Corridors	25%
Highway 1 Corridor	
Auxiliary lanes that separate entering and exiting traffic from through lanes to improve traffic flow and safety: 41st Ave-Soquel Dr; Bay/Porter-Park; State Park-Park	
Bicycle and pedestrian over-crossings	
Traveler Information and Transportation Demand Management	
<i>Example Programs:</i> Cruz511, Carpool/Vanpool Programs	
Highway Safety and Congestion Reduction Programs	
<i>Example Programs:</i> Freeway Service Patrol and Safe on 17 Enforcement	
Transit for Seniors and People with Disabilities	20%
Direct Allocation to Service Providers	
Santa Cruz METRO (16%)	
Community Bridges Lift Line Paratransit Service (4%)	
Active Transportation	17%
Monterey Bay Sanctuary Scenic Trail (Coastal Rail Trail)	
Bike and pedestrian trail construction; maintenance, management and drainage of rail and trail corridor; install conduit for internet and electrical services	
Rail Corridor	8%
Infrastructure Preservation and Analysis of Options	
<i>Example Projects:</i> Analysis (including environmental analysis) of both rail transit and non-rail options for the corridor; rail line maintenance and repairs	
Total	100%

DESCRIPTION OF PROJECTS AND PROGRAMS TO BE FUNDED

The Expenditure Plan identifies transportation projects to be funded from a new one-half of one percent transactions and use tax, to be collected for thirty (30) years, if two-thirds of voters approve the ballot measure in 2016. The Expenditure Plan is presented to the voters of Santa Cruz County as a means to address insufficient funding to meet current and projected transportation needs in Santa Cruz County. Given current sales tax receipts, one-half of one percent transaction and use tax is expected to generate \$17 million a year in 2016 dollars, totaling approximately \$500 million for transportation investments. These local funds can be used to leverage state and federal transportation funds that would otherwise be unavailable. The investments described in the Expenditure Plan reflect the best efforts to achieve consensus among varied transportation needs of Santa Cruz County residents.

Three types of investments are funded in the Expenditure Plan: investment categories which are allocated a percentage of net revenues, capital investments which are allocated specific dollar amounts, and ongoing direct allocations of a percentage of net revenues to cities, the County of Santa Cruz, and transit operators for capital projects and operations. The following describes the investments funded by the Santa Cruz County 2016 Transportation Improvement Plan - Expenditure Plan.

Neighborhood Projects – 30% per year

Direct Allocation to Cities and County

The existing local street and road, bicycle, and pedestrian systems are critical to the everyday movement of people within the county. Much of the local roadway system is aging, has potholes, and is in need of major repair. Continued deferred maintenance will result in an exponential increase in the cost of maintaining the roadway system. Additionally, many sections of the county currently have inadequate facilities for bicyclists and pedestrians to travel safely. Current resources, without generation of new revenues for transportation, cannot provide adequate funding to maintain the local roadway system at the level necessary to adequately serve the public or expand the bicycle and pedestrian system to encourage more users.

Approximately \$135 million (\$4.5 million per year) in Measure Revenues will be allocated to the cities of Capitola, Santa Cruz, Scotts Valley, and Watsonville and the County of Santa Cruz for transportation projects. Projects to be funded with Measure Revenues may include: fixing potholes, local roadway repairs, rehabilitation, reconstruction and intersection improvements; new and improved sidewalks, crosswalks and bicycle lanes and paths, especially near schools; and other transportation projects as necessary for the benefit of residents in those jurisdictions. The County of Santa Cruz and the cities of Capitola, Santa Cruz, Scotts Valley and Watsonville, who are best able to determine their local transportation needs, shall each prepare an annual report through a public process to identify how they plan to spend their share of measure funds and how measure funds were spent in the prior year.

Funds will be distributed at least quarterly to cities and the County of Santa Cruz based on each jurisdiction's proportional share of the countywide population (29%), lane miles of roadway (39%) and site where the Measure Revenue from the transaction and use tax is generated (32%). Population, road mile, and tax site generation figures will be updated each year based on the latest available data.

San Lorenzo Valley Highway 9 Corridor

Ten (\$10) million in Measure Revenues is designated for transportation projects improving travel for residents of San Lorenzo Valley. Example projects may include:

- Safety projects for people walking, biking or driving in the Highway 9 corridor through San Lorenzo Valley
- Projects that provide safe access to schools along or near Highway 9
- Intersection and signal improvements
- Bicycle lanes, paths and/or signage
- Accessible pedestrian crosswalks and sidewalks, including lighting and flashing pedestrian beacons that increase visibility
- Improved access to bus stops and bus service

Highway 17 Wildlife Crossing

Highway 17 is a major connection between the Monterey Bay Region and San Francisco Bay Area. The dense traffic, concrete median barriers, and lack of drainage culverts and/or bridge undercrossings makes Highway 17 a major barrier for wildlife moving through the Santa Cruz Mountains. Mountain lions, bobcats and deer have all been hit trying to cross Highway 17 which also makes it dangerous for the motorists. Five (\$5) million in Measure Revenues will be allocated for construction of a safe passage for wildlife to cross under Highway 17. This project will improve safety for both drivers and wildlife.

Highway Corridors – 25%

Aging highway systems continue to operate under high traffic volumes as population, and thus demand for moving people and goods increases. State highways provide essential mobility for Santa Cruz County residents, businesses, and visitors. The highway corridors are the region's main thoroughfares with Highway 1 carrying over 100,000 people daily. Measure Revenues are needed to improve traffic flow and safety as state and federal formula funds do not fund most highway improvements in Santa Cruz County. Measure Revenues (25% or approximately \$125 million total) will be allocated to Highway 1 and Highway 17 corridor projects to increase the safety and efficiency of these corridors in Santa Cruz County.

Highway 1 Corridor

Highway investments included in the Expenditure Plan, improve traffic flow and safety on Highway 1, especially for South County and Mid-County commuters, small businesses, bus riders and first responders (law enforcement, fire, medical) by adding auxiliary lanes between three interchanges: 41st Ave-Soquel Dr; Bay Ave/Porter St-Park Ave; and State Park Dr-Park Ave. Auxiliary lanes are lower cost highway projects that can improve flow by separating entering or exiting traffic from the through lanes. Approximately 10% of all of the injuries and fatalities in

Santa Cruz County in 2013 occurred between Soquel Dr and Park Ave on Highway 1. Auxiliary lanes can help to improve safety on this high traffic volume corridor.

New bridges for cyclists and pedestrians

Highways can separate neighborhoods and make it harder to ride a bike or walk to access locations of interest. In order to improve bicycle and pedestrian movement between neighborhoods, employment, retail, medical, and recreation sites on either side of Highway 1, Measure Revenues can be used to construct bicycle/pedestrian bridges crossing over Highway 1 including crossings in Live Oak near Chanticleer Avenue and in Aptos/Seacliff near Mar Vista Elementary School. Measure Revenues can also improve bicycle and pedestrian facilities on existing crossings.

Traveler Information and Transportation Demand Management

The efficiency of the existing transportation system can be increased by promoting use of transit, carpooling, vanpooling, as well as bicycling and walking. Transportation demand management strategies can reduce the number of vehicles on our roadways especially during peak periods. Examples of transportation demand management programs that could be funded by this measure include "Cruz511", the traveler information service for Santa Cruz County, and carpool/vanpool programs.

Highway Safety and Congestion Reduction Programs

Improving safety is a primary goal of this measure. Programs that reduce fatal and injury collisions on highways and reduce congestion are also funded by Measure Revenues. Examples of programs that improve safety and reduce congestion are the Safe on 17 Task Force and the Freeway Service Patrol (roving tow trucks that remove stalled or disabled vehicles, debris, and other obstructions that may cause backups).

Transportation for Seniors and People with Disabilities – 20% per year

Direct Allocation to Service Providers

Seniors and disabled persons make up an increasing percentage of Santa Cruz County's population. For seniors and persons with disabilities, access to healthcare, social services, shopping, and recreation is key to quality of life. A number of specialized transportation programs have been implemented which meet specialized needs for transportation to medical services, social service programs, shopping and other purposes that cannot be met by conventional bus transit. An aging population will require maintenance and expansion of transit and paratransit services for elderly and disabled residents into the future.

Measure Revenues (16% or approximately \$2.75 million per year) will be distributed to Santa Cruz Metropolitan Transit District (METRO) to provide transit and paratransit service for seniors and people with disabilities. Measure Revenues (4% or approximately \$680,000 per year) will be allocated to the Consolidated Transportation Services Agency for Santa Cruz County (Community Bridges-Lift Line) for paratransit service. Paratransit works with social service agencies to increase transportation options for seniors, individuals with disabilities, and persons with low incomes. Funds will be distributed at least quarterly.

Active Transportation – 17%

Monterey Bay Sanctuary Scenic Trail (Coastal Rail Trail)

Measure Revenues (17% or approximately \$85 million total) will be allocated for the Monterey Bay Sanctuary Scenic Trail Network, otherwise known as the Coastal Rail Trail, for people walking and bicycling along the coast in Santa Cruz County. The coastal rail and trail corridor connects Watsonville, Aptos, Capitola, Live Oak, Santa Cruz, and Davenport and links to trails in Monterey County. The trail offers spectacular views of the Monterey Bay, historic trestles, and a flat surface free of automobile traffic. This trail will provide kids, commuters and recreational bicyclists and walkers a safe and enjoyable way to travel. Funds will be used for trail construction, maintenance, operation, management and drainage of the rail and trail corridor and will leverage other state and federal grants for completion of the trail network.

Rail Corridor – 8%

Infrastructure Preservation and Analysis of Options

Eight percent of Measure Revenues (approximately \$40 million total) will be used for preservation of the Rail Corridor infrastructure and analysis of its future potential use to better serve Santa Cruz County residents and visitors. Projects include analysis (including environmental and economic analysis) to answer important community questions about possible future transit and other transportation uses of the corridor through an open, transparent public process; and maintaining and repairing the publicly-owned Santa Cruz Branch Rail Line. The Measure Revenues do not include funding for any new train/rail service. If the Regional Transportation Commission determines that the best use of the corridor is an option other than rail transit, funds may be utilized for other transportation improvements along and near the corridor.

Notes

(1) Estimated revenues from a ½-cent transaction and use tax are \$17 million per year (in 2016 dollars) for 30 years. The present value (i.e., present day purchasing power) of the Measure Revenues is forecasted to be approximately \$500 Million. The actual revenues to be received over the 30-year life of the tax will be affected by various economic factors, such as inflation and economic growth or decline. The estimated amounts for each category reflect the allocation of approximately \$500 Million. The estimated amounts for each category, divided by \$500 Million, establishes ratios for the allocation among the categories. While total revenues will vary, the net percentages to each investment category will remain constant over the 30-year life of the tax.

(2) Percentages are net after costs required for administration, implementation and oversight of the measure -- including annual independent fiscal audits, reports to the public, preparation and implementation of state-mandated reports, oversight committee, and other administration, implementation and oversight responsibilities as may be necessary to administer and implement the Ordinance and the Expenditure Plan. Administrative salaries and benefits shall not exceed 1% of total Measure Revenues.

(3) If bonding is used to advance implementation of any of these projects, finance costs will be paid from the percent of funds designated for the associated investment category.

(4) It is anticipated that a portion of the total costs of the projects included in the Expenditure Plan will also be funded from federal, state, and local sources, as described in the Regional Transportation Plan (RTP).

(5) Outside of the funds to local jurisdictions and transit agencies which will be allocated on an ongoing basis, based on revenues generated, the Santa Cruz County Regional Transportation Commission shall allocate Measure Revenues to all other categories of transportation projects and specific capital projects. Capital investments will be made based upon clearly defined project descriptions and limits resulting from the outcomes of environmental analyses, design engineering, and public input, as applicable.

(6) In the event that any agency that is designated funds through the Expenditure Plan is dissolved, the redistribution of funds will be based on the same formulas minus the dissolved agency. New or successor entities that come into existence in Santa Cruz County during the life of the Expenditure Plan, such as incorporation of a new city, merging of agencies, or designation of a new agency as the county Consolidated Transportation Services Agency or transit agency, may be considered as eligible recipients of funds through the amendment process as set forth in the Ordinance.

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