

JOHN A. FANTHAM
DIRECTOR OF PUBLIC WORKS

County of Santa Cruz

DEPARTMENT OF PUBLIC WORKS

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AGENDA: APRIL 13, 1999

April 1, 1999

SANTA CRUZ COUNTY BOARD OF SUPERVISORS

701 Ocean Street
Santa Cruz, California 95060

SUBJECT: 1998 STATE TRANSPORTATION IMPROVEMENT PROGRAM (STIP)
AUGMENTATION FUNDS, ADDITIONAL ROAD REHABILITATION
PROJECT CANDIDATES

Members of the Board:

On February 23, 1999, as the County's initial proposal to the Santa Cruz County Regional Transportation Commission (SCCRTC) for 1998 State Transportation Improvement Program (STIP) Augmentation **funding**, your Board approved a revised route concept for the reconstruction of Graham Hill Road between Roaring Camp Road and the existing climbing lane. At that time, your Board also directed Public Works to return to your Board today with a list of additional regional road rehabilitation project proposals for application to the SCCRTC for additional 1998 STIP Augmentation funding.

A preliminary list of some \$14 million of road rehabilitation/resurfacing needs, compiled from the current Public Works Pavement Management Report (PMR), was submitted to the SCCRTC last November to **identify** the County's funding shortage in maintaining its main arterial routes (see attached table). This was in response to the SCCRTC's request for local transportation system needs to be considered in relation to the \$8,843,000 in 1998 STIP Augmentation revenue they expected to receive this year from the California Transportation Commission (CTC). The SCCRTC asked each transportation agency within our county to submit ready-to-build projects that fit one of two priorities: The State's first priority was to fund the local share costs of the storm damage road repair work still remaining from the 1996, 1997, and 1998

disasters. Based on the list submitted by the County to the SCCRTC for our unscheduled storm damage cost estimates subject to formal SCCRTC approval in June, we expect to receive approximately \$2,110,000 in augmentation revenue over the next two years. Other county agencies with road maintenance responsibilities would receive another \$1.6 million for their local repair costs. This funding criteria data is currently being reviewed and programmed by the SCCRTC for its June agenda.

The balance of the Augmentation funding, approximately \$5 million, would go to the second priority type of projects, which would include regionally significant road or transit rehabilitation projects that could be built within the next three years (based on the 1998 STIP funding cycle), and that can be shown to be cost effective and consistent with existing transportation plans (as mandated by TEA 21). Among these projects, special consideration would be given to previously approved SCCRTC projects which are currently under-funded (i.e. Graham Hill Road). In addition, due to the complexity of the state and federal processing procedures mandated by the CTC and the limited funding available, the SCCRTC is requiring that any project submitted be at least \$250,000 in cost, so as to eliminate any smaller projects that could be funded by other programs.

Based on the preliminary list of County road segments (see attached table) submitted to your Board and the SCCRTC last November, we would recommend that your Board consider the following regional arterial routes as additional project candidates for 1998 STIP Augmentation funding:

<u>PCI RATING*</u>	<u>ROUTE</u>	<u>APPROXIMATE LIMITS</u>	<u>FUNDING REQUEST</u>
49	Empire Grade Road	Pine Ridge Road to 100 LF north of Quarry Beach Road	\$ 467,000.00
35	Freedom Boulevard	Corralitos Road 4500 LF towards Green Valley Road	\$ 730,000.00
48	Soquel -San Jose Road	1800 LF north of Paper Mill to Little Creek Road	\$ 866,000.00
Total-Rehab Candidate Projects			<u>\$2,063,000.00</u>

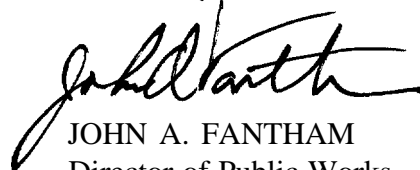
*PCI = Pavement Condition Index (a rating of 25 to 100, indicating the condition of the road's existing structural section, with 100 representing a newly constructed roadway)

SCCRTC staff has requested that project applications be submitted to their office no later than April 17, 1999. Therefore, upon your Board's approval, Public Works will submit draft project study reports (PSR) and applications for these three additional proposals to the SCCRTC for STIP Augmentation funding consideration.

It is therefore recommended that the Board of Supervisors take the following action:

1. Approve the additional \$2,063,000 for road rehabilitation work on Empire Grade Road, Freedom Boulevard and Soquel-San Jose Road as the County's application to the Santa Cruz County Regional Transportation Commission (SCCRTC) for funding consideration from the 1998 State Transportation Improvement Program (STIP) Augmentation revenue.
2. Direct Public Works to return to the Board at the time of the Road Budget hearing with the results of the 1998 STIP Augmentation fund application process.

Yours truly,




JOHN A. FANTHAM
Director of Public Works

TLB:mg

Attachment

RECOMMENDED FOR APPROVAL:



County Administrative Officer

copy to: Public Works
Santa Cruz County Regional Transportation Commission

AUGM.

PAVEMENT MANAGEMENT REPORT

ROAD SEGMENTS SELECTED FOR REHABILITATION & RESURFACING

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LIST A, RESURFACING PROJECTS

County Road Name	Approximate Beginning	Approximate End	Prel. Cost Est.	Pave. Type	Prog. Year	PCI	Pavement Area Sq.Ft	Project funding or suggested program
41 St Avenue	Cory Street	Soquel Drive	\$396,000	A/C	1998	54	88,000	
Freedom Blvd	0.45 Mile NW/Coffee Lane	Coffee Lane	\$420,323	A/C	1999	59	93,405	
Freedom Blvd	Aptos High School Dr	Golden Torch TLR PRK	\$1,149,120	A/C 2 0	0 0	63	255,360	
Freedom Blvd	Coffee Lane	Green Valley Road	\$731,250	A/C	1999	56	162,500	
Freedom Blvd	Golden Torch TLR PRK	Petery Lane	\$475,200	A/C	1999	58	105,600	
Green Valley Road	Freedom Blvd	Hi-Grade Lane	\$343,440	A/C	1998	54	76,320	
Green Valley Road	Hi-Grade Lane	0.09 Mi N/Holohan Rd	\$405,405	N C	2000	63	90,090	
Mt. Hermon Road	2338' E/O Graham Hill Rd	Zayante Bridge	\$227,160	A/C	1998	69	50,480	
Mt. Hermon Road	5316' E/O Graham Hill Rd	10142' Graham Hill Rd	\$1,085,850	A/C	1998	57	241,300	
Portola Drive	East Cliff Drive	Rodeo Gulch	\$497,070	A/C	1999	60	110,460	
San Andreas Road	Playa Blvd	Manresa State Beach	\$549,180	A/C	1998	51	122,040	
Soquel Avenue	Paul Minnie Avenue	1 lb' W/Rodeo Gulch	\$626,670	A/C	1997	50	139,260	
Soquel Avenue	Soquel Drive S. End	Hwy 1 on Ramp	\$162,000	A/C	2000	61	36,000	
Soquel Drive	150' E. Paul Sweet Road	Mission Street	\$472,905	A/C	1997	53	105,090	Red Book 9912000
Soquel Drive	West End of Soquel Drive	150' E Paul Sweet Rd	\$151,763	A/C	1999	61	33,725	Red Book 9912000
Soquel Drive	Borregas Drive	Porter Gulch Road	\$1,103,342	A/C	2001	55	245,187	Red Book 9912000
Soquel San Jose Road	Olson Rd	PM 6.23	\$606,645	A/C	1999	56	134,810	
Summit Road	Del Monte Rd	700' W Morrill Rd	\$656,100	A/C	1999	58	145,800	
Summit Road	Old Santa Cruz Hwy	Del Monte Way	\$719,550	A/C	1997	51	159,900	

TOTAL OF REMAINING RESURFACING LOCATIONS \$10,778,972

LIST B, REHABILITATION PROJECTS

						PCI		
County Road Name	Approximate Beginning	Approximate End	Est. Cost	Type	Year	Dist	Sq. Ft	Program
Airport Blvd	Watsonville City Limit	Freedom Blvd	\$112,000	A/C	2001	20	16,000	
Airport Blvd	Freedom Blvd	250' N/Freedom Blvd	\$112,000	A/C	2001	14	16,000	
Airport Blvd	250' N/Freedom Blvd	Green Valley Road	\$773,080	A/C	2001	16	110,440	
Capitola Avenue	Soquel Drive	Capitola City Limits	\$261,870	A/C	2002	33	37,410	
East Cliff Dr	7th Avenue	Lake Avenue	\$145,530	A/C	1998	17	20,790	In part, 1998 STP (RDA)
Empire Grade Road	2900' N/Ice Cream Grade	40' S/Ice Cream Grade	\$515,375	A/C	2002	27	73,625	
Empire Grade Road	Sunlit Lane	2900' N/Ice Cream Grade	\$322,875	A/C	2002	32	46,125	
Green Valley Road	Carey Avenue	Freedom Blvd	\$160,125	A/C	2002	12	22,875	
Mt. Hermon Road	10142' E/O Graham Hill	EMC 300' N/O Lockhart	\$642,880	A/C	2000	10	91,840	
San Andreas Road	Seascape Blvd	Playa Blvd	\$1,010,625	A/C	1998	39	144,375	In part, RSTP Set Aside
Soquel Avenue	Hwy 1 on Ramp	Paul Minnie Avenue	\$229,320	A/C	2002	36	32,760	
Soquel Drive	Soquel Creek Bridge	Porter Street	\$166,348	A/C	2001	25	23,764	RDA
Soquel Drive	Center Street	Soquel Creek Bridge	\$204,932	A/C	2003	35	29,276	

TOTAL OF REMAINING REHABILITATION LOCATIONS \$4,656,960

LIST C, RSTP SET ASIDE LOCATIONS (SEE FOOTNOTE 1)

						PCI		
County Road name	Approximate Beginning	Approximate End	Est. Cost	Type	Year	Dist	Sq. Ft	Program
Bear Creek Road	PM 2.16	PM 2.51	\$70,000	A/C	1998	61	99,780	RSTP set aside
Empire Grade Road	4330' N/Pineridge Rd	Pinertidge Road	\$115,000	A/C	1998	49	82,800	RSTP set aside
Freedom Blvd	Corralitos Road	To 1590 ft. West	\$190,000	A/C	1998	35	62,000	RSTP set aside
San Andreas Road	225' N Bonita Drive	Seascape Blvd	\$120,000	A/C	1998	53	92,340	In part, RSTP set aside
Soquel Drive	Trout Gulch Road	2120 E toward Rio Del Mar	\$87,000	A/C	2001	47	168,000	In part, RSTP set aside
Soquel San Jose Road	Redwood Lodge Road	PM 10.28	\$240,000	A/C	1997	59	113,776	RSTP set aside

APPROVED RSTP SET ASIDE \$822,000

LIST D, ADDITIONAL STIP AUGMENTATION PROJECTS

						PCI		
County Road name	Approximate Beginning	Approximate End	Est. Cost	Type	Year	Dist	Sq. Ft	Program
Empire Grade Road	Pineridge Rd	100' N Quarry Bend	\$467,000	A/C	1998	49	82,800	STIP
Freedom Blvd	Corralitos Road	4,500 LF. S/ to Gr. Valley Rd	\$730,000	A/C	1999	32	100,035	STIP
Soquel San Jose Rd..	1800' N/ Paper Mill Rd	2300 Ft N/O Little Creek	\$866,000	A/C	1999	48	192,500	STIP

ADDITIONAL STIP AUGMENTATION PROPOSAL \$2,063,000

FOOTNOTE: 1. LIST C REPRESENTS THE SIX ROAD SEGMENTS THAT HAVE ALREADY BEEN APPROVED FOR RSTP FUNDING BY THE SCCRTC.

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