

County of Santa Cruz

DEPARTMENT OF PUBLIC WORKS

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AGENDA: AUGUST 1, 2000

July 20, 2000

SANTA CRUZ COUNTY BOARD OF SUPERVISORS

701 Ocean Street
 Santa Cruz, California 95060

SUBJECT: ADOPTION AND CERTIFICATION OF SANTA CRUZ COUNTY BICYCLE PLAN

Members of the Board:

The Department of Public Works is pleased to submit to your Board the 2000 Santa Cruz County Bicycle Plan. The plan has been prepared for your Board's adoption by Public Works with the assistance of the Santa Cruz County Regional Transportation Commission's Bicycle Committee, and a copy is on file with the Clerk of the Board for your review. The Bicycle Plan was prepared in compliance with the California Bicycle Transportation Act, Section 891.2, of the State Streets and Highways Code. The purpose of the Bicycle Plan is to consolidate, into one document, all bicycle-related County plans and projects that are currently identified in various local and regional planning documents. Adoption and certification of the Bicycle Plan by your Board and the Transportation Commission will allow the County to apply for funding from the State Bicycle Lane Account (BLA) program. While the BLA is currently committed to a total of \$1,500,000 for bicycle projects statewide this year, this funding will increase annually up to \$5,000,000 in the year 2004 and then continue at that level on an annual basis as a result of AB1020.

The Bicycle Plan was prepared to be consistent with the 1994 County General Plan and Local Coastal Program, the proposed 2000/2001 County Capital Improvement Program, and regional planning documents such as the Regional Transportation Plan and the Regional Transportation Improvement Plan. The Bicycle Plan defines goals, objectives, policies, and implementation programs involved in the planning, design, and construction of an integrated system of regional bicycle facilities. It identifies a total of forty-eight proposed projects in Table 2 (attached), including studies, education programs, bike lanes and paths, bridges, loop detectors at traffic signals, and bicycle parking areas. The County Planning Department has reviewed the Bicycle Plan and finds it in conformance with the General Plan.

SANTA CRUZ COUNTY BOARD OF SUPERVISORS

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

1. Adopt the Santa Cruz County Bicycle Plan and certify that it complies with state law and regional transportation plans.
2. Direct the Public Works Department to submit the 2000 Santa Cruz County Bicycle Plan to the Santa Cruz County Regional Transportation Commission for adoption and certification.

Yours truly,

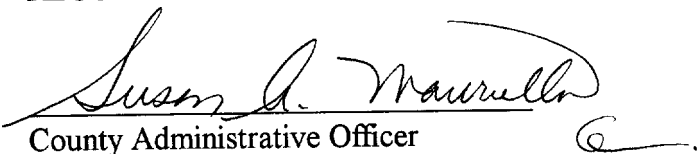


THOMAS L. BOLICH
Acting Director of Public Works

GJM:mg

Attachments

RECOMMENDED FOR APPROVAL:



County Administrative Officer

Copy to: Public Works
Bicycle Committee

BIKM.

**TABLE 2
PROPOSED BICYCLE PROJECTS**

Project	Project Benefits			Plans	Cost & Funding	
	Existing Traffic & Road Conditions	Existing Gap in Bikeway System	Destinations		Projected Cost	Potential Funding
BIKEWAYS -- Live Oak and Soquel Areas						
1. Broadway-Brommer Class I Bike Path (County Portion)	<ul style="list-style-type: none"> Brommer has existing bike lanes; drainage and shoulder improvements necessary 	Provides direct route between City of Santa Cruz and the City of Capitola	<ul style="list-style-type: none"> Links residential areas and City/County employment areas On Bus Route 	[1], [3], [5]	\$110,000 County portion only	CMAQ, TSM, 116
2. Capitola Avenue Class II, Soquel Drive to City of Capitola	<ul style="list-style-type: none"> 2-lane arterial 	Connects Soquel Drive to the City of Capitola	<ul style="list-style-type: none"> Commercial Area Capitola Village On Bus Route 	[4]	\$400,000	Local
3. Capitola Road Rehabilitation Class II, Soquel Avenue to 30th Avenue	<ul style="list-style-type: none"> 3 and 5-lane arterial, major east-west route High traffic volumes Class II lanes exist 	Connects the City of Santa Cruz to the Live Oak area	<ul style="list-style-type: none"> On Bus Route Two elementary schools Commercial Area Future Jose Avenue Park 	[3], [4]	\$500,000	Local, ISTE, STIP
4. East Cliff Drive Class I, 30th-41 st Avenues	<ul style="list-style-type: none"> One-way arterial High bicycle and pedestrian use Coastal route, bypasses busy arterials 	Connects the Monterey Bay and commercial areas on 41 st Avenue	<ul style="list-style-type: none"> Beach/Monterey Bay Capitola Village 	[2], [3], [4], [5]	\$450,000	TEA, Local, Resources Grant
5. East Cliff Drive, Class II, 5th to 7th Avenues	<ul style="list-style-type: none"> 2-lane arterial Coastal Route High bicycle and pedestrian use 	Connects Harbor area to East Cliff Drive	<ul style="list-style-type: none"> Commercial Area Beach/Monterey Bay On Bus Route 	[4]	\$100,000	Local

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	Existing Traffic & Road Conditions	Existing Gap in Bikeway System	Destinations		Projected cost	Potential Funding
<i>BIKEWAYS -- Live Oak and Soquel Area!</i>						
6. Forty-first Avenue Class II, Soquel Drive to end of median island	<ul style="list-style-type: none"> • 4-lane arterial • High traffic volumes 	Completes segment between Soquel Drive and existing bike lanes	<ul style="list-style-type: none"> • 41 st Avenue Commercial Area • On Bus Route 	[3], [4], [5]	\$200,000	BLA, Local
7. Gross Road Class II, 41st Avenue to Soquel Avenue	<ul style="list-style-type: none"> • 2-lane collector 	Connects the City of Capitola to Soquel Avenue	<ul style="list-style-type: none"> • 41 st Avenue Commercial Area • On Bus Route 	[4]	\$200,000	Local
6. Main Street Class II, Soquel Drive to Sevilla Road	<ul style="list-style-type: none"> • 2-lane collector 	Connects to Main Street bike lanes	<ul style="list-style-type: none"> • Main Street • Elementary School • Soquel Village 	[1], [4], [5]	\$700,000	Local
9. Robertson Street Class II, Soquel Wharf Road to Soquel Drive (completed)	<ul style="list-style-type: none"> • 2-lane collector • Narrow road 	Completes segment of bike lanes from Soquel Drive to City of Capitola	<ul style="list-style-type: none"> • Soquel High School • Soquel Village • Capitola Village • 41 st Avenue Commercial Area 	[4], [5]	\$750,000	BLA, AB2766, Local
10. Seventh Avenue Class II, Improve to Plan Line study from Railroad tracks to Soquel Avenue	<ul style="list-style-type: none"> • 2-lane arterial • High traffic volumes 	Proposed to connect with future Broadway-Brommer at 7th Avenue	<ul style="list-style-type: none"> • Soquel Avenue Commercial area • Beach area • On Bus Route 	[1], [4], [5]	\$400,000	BLA, AB2766, Local
11. Soquel-San Jose Road Class II, Soquel Drive to Laurel Glen Road	<ul style="list-style-type: none"> • 2-lane arterial • High traffic volumes • Narrow shoulders and steep terrain 	Connects outlying residential areas to Soquel Drive and Porter Street	<ul style="list-style-type: none"> • High School • On Bus Route • Future County Park 	[2], [4], [5]	\$1,500,000	BLA, AB2766, Local

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	Existing Traffic & Road Conditions	Existing Gap in Bikeway System	Destinations		Projected Cost	Potential Funding
BIKEWAYS -- Aptos and Rio Del Mar Areas						
12. Cathedral Drive Class II, Trout Gulch Road to Burns Road	<ul style="list-style-type: none"> ● 2-lane collector ● Narrow steep road 	Short segment connecting Aptos Village and residential areas	<ul style="list-style-type: none"> ● Aptos Village ● Post Office 	[2], [4]	\$100,000	BLA, AB2766, Local
13. Mar Vista/Highway 1, bike/pedestrian overpass	N/A	Connects Soquel Drive to McGregor Drive	<ul style="list-style-type: none"> ● College ● Neighborhood and Commercial areas ● Elementary School ● On Bus Route 	[4]	\$5,000,000	BLA, AB2766, Local
14. Rio Del Mar Boulevard Class II, Highway 1 to beach area	<ul style="list-style-type: none"> ● 2-lane arterial ● High traffic volumes 	Promotes neighborhood circulation	<ul style="list-style-type: none"> ● Residential areas ● Local businesses ● Golf Course ● Beach 	[4]	\$300,000	BLA, AB2766, Local
15. Seascapes Boulevard Class III, San Andreas Road to Sumner Avenue	<ul style="list-style-type: none"> ● 2-lane arterial ● Wide divided road 	Promotes neighborhood circulation	<ul style="list-style-type: none"> ● Residential areas ● Local businesses ● Golf Course 	[2], [4], [5]	\$50,000	BLA, AB2766, Local
16. Spreckels Drive/Treasure Island Drive Class II, Soquel Drive to Aptos Beach Drive	<ul style="list-style-type: none"> ● 2-lane collector ● Narrow steep road 	Promotes neighborhood circulation	<ul style="list-style-type: none"> ● Residential areas 	[4]	\$100,000	BLA, AB2766, Local
17. Sumner Avenue Class II or III, Club House Drive to Rio Del Mar Boulevard	<ul style="list-style-type: none"> ● 2-lane arterial ● No shoulders ● High traffic volumes 	Promotes neighborhood circulation	<ul style="list-style-type: none"> ● Residential areas ● Local businesses ● Golf Course 	[2], [4], [5]	\$10,000 to \$150,000	BLA, AB2766, Local
16. Trout Gulch Road Class II, Soquel Drive to Valencia Road	<ul style="list-style-type: none"> ● 2-lane arterial ● moderate speeds 	Short segment connecting Aptos Village and residential areas	<ul style="list-style-type: none"> ● Neighborhood Commercial area ● Elementary School ● On Bus Route 	[4]	\$300,000	BLA, AB2766, Local

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	Existing Traffic & Road Conditions	Existing Gap in Bikeway System	Destinations		Projected Cost	Potential Funding
19. Valencia Road Class II, Trout Gulch Road to Day Valley Road	<ul style="list-style-type: none"> • 2-lane collector • Scenic recreational route 	Extension of existing bike path	<ul style="list-style-type: none"> • Freedom Boulevard • City of Watsonville 	[2], [4], [5]	\$1,000,000	BLA, AB2766, Local
BIKEWAYS --South County						
20. Amesti Road Class II, Green Valley Road to Varni Road	<ul style="list-style-type: none"> • 2-lane collector • High speeds 	Connects Green Valley Road to Corralitos Road via Varni Road	<ul style="list-style-type: none"> • Neighborhood Commercial area • Elementary School • On Bus Route 	[4], [5]	\$1,000,000	BLA, AB2766, Local
21. Beach Road Class II, Rio Boca Road to Watsonville City limits	<ul style="list-style-type: none"> • 2-lane collector • High speeds 	Connects Watsonville to beach	<ul style="list-style-type: none"> • City of Watsonville • Sunset State Beach 	[4], [5]	\$1,000,000	BLA, AB2766, Local
22. Buena Vista Road/Calabasas Road Class II: • Harkins Slough Road to Freedom Boulevard	<ul style="list-style-type: none"> • 2-lane collector • Moderate speeds 	Connects Larkin Valley to Freedom Boulevard	<ul style="list-style-type: none"> • Neighborhood Commercial Area • School • Commercial Area Along Freedom • On Bus Route 	[1], [2], [4]	\$2,000,000	BLA, AB2766, Local
23. Calabasas Road Class II, White Road to Buena Vista Drive	<ul style="list-style-type: none"> • 2-lane collector • Variable shoulder widths and traffic volumes 	Provides commuter, neighborhood and park connector	<ul style="list-style-type: none"> • Neighborhoods 	[4]	\$500,000	BLA, AB2766, Local
24. College Drive Class II, from Highway 152 to Lakeview Drive	<ul style="list-style-type: none"> • 2-lane collector • Variable shoulder widths and traffic volumes 	Provides commuter, neighborhood and park connector	<ul style="list-style-type: none"> • Neighborhoods • Elementary school 	[4]	\$240,000	BLA, AB2766, Local
25. Harkins Slough Road Highway 1 to Buena Vista Drive	<ul style="list-style-type: none"> • 2-lane collector • Moderate Speed 	Provides commute and neighborhood connector	<ul style="list-style-type: none"> • School • Bus Route • Commercial Area • Neighborhoods 	[1,2,4]	\$1,000,000	BLA, AB2766, Local

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	Existing Traffic & Road Conditions	Existing Gap in Bikeway System	Destinations		Projected Cost	Potential Funding
BIKEWAYS --South County						
26. Holohan Road Class II, Green Valley Road to Highway 152	<ul style="list-style-type: none"> ● 2-lane arterial ● High traffic volumes ● High speeds, limited shoulder ● Alternative route to Freedom 	Connects business area along Airport Blvd. with Pajaro River levee bike path	<ul style="list-style-type: none"> ● Shopping Area at Airport ● County Fairgrounds ● Future Bike Route on River Levee ● Pajaro Elementary School 	[5]	\$450,000	BLA, AB2766, Local
27. Lakeview Drive Class II, Carlton Road to Highway 129	<ul style="list-style-type: none"> ● 2-lane collector ● Variable shoulder widths and traffic volumes 	Provides commuter, neighborhood and park connector	<ul style="list-style-type: none"> ● Neighborhoods ● Elementary school 	[4]	\$100,000	, AB2766, Local
28. Larkin Valley Road Class II, Buena Vista Road to Airport Boulevard	<ul style="list-style-type: none"> ● 2-lane arterial ● Variable shoulder widths and traffic volumes 	Commuter and Recreational route that would connect eventually to San Andreas Road	<ul style="list-style-type: none"> ● Connects major arterials 		\$450,000	BLA, AB2766, Local
29. Corralitos Creek Levee, Salsipuedes Levee and Pajaro River Levee, Class I Bikeway, Green Valley Road to Pajaro Dunes, Sunset Beach	<ul style="list-style-type: none"> ● Top of river levee 	Provides a new scenic recreational route	Recreational route	[5]	\$10,000,000	BLA, Local

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	Existing Traffic & Road Conditions	Existing Gap in Bikeway System	Destinations		Projected Cost	Potential Funding
BIKEWAYS -- North County						
30. Bear Creek Road Class II, Hwy 9 to Summit Road	<ul style="list-style-type: none"> • 2-lane arterial • Fairly wide shoulders, but some narrow places • Curves and high speed traffic 	Completes significant bike route to North County	<ul style="list-style-type: none"> • On Bus Route 	[2], [4], [5]	\$1,000,000	BLA, AB2766, Local
31. Bonny Doon Road Empire Grade to Highway 1	<ul style="list-style-type: none"> • 2-Lane • Moderate Speed 	<ul style="list-style-type: none"> • Connie Court Bonny Doon to Beach • Access to Santa Cruz 	<ul style="list-style-type: none"> • Bonny Doon • Beach • Santa Cruz • Big Basin Redwoods 		\$2,500,000	BLA, AB2766 Local
32. Coolidge Drive and UCSC entrance to Bicycle Path	<ul style="list-style-type: none"> • 2-lane arterial 	Provides improved bicycle link between the County road and ucsc	<ul style="list-style-type: none"> •  		\$450,000	BLA, AB2776, Local
33. El Rancho Drive Class II, City of Scotts Valley to North Plymouth Street	<ul style="list-style-type: none"> • Narrow 2-lane arterial • High speeds • Road used to bypass Highway 17 	Provides link between the City of Santa Cruz and the City of Scotts Valley	<ul style="list-style-type: none"> • City of Scotts Valley • County Health Services Agency • Highway 17 Express Park & Ride Lot • Pasatiempo • DeLaveage Park • Meeting Hall 	[2], [4], [5]	\$800,000	BLA, AB2766, Local
34. Empire Grade Class II, Heller Drive to Pine Flat Road	<ul style="list-style-type: none"> • Narrow 2-lane arterial • High speeds 	Completes significant bike route to North County	<ul style="list-style-type: none"> • Henry Cowell Redwood State Park 	[2], [4], [5]	\$2,000,000	BLA, AB2766, Local

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PROPOSED BICYCLE PROJECTS**

Project	Project Benefits			Plans	Cost & Funding	
	Existing Traffic & Road Conditions	Existing Gap in Bikeway System	Destinations		Projected Cost	Potential Funding
BIKEWAYS -- North County						
35. Glen Canyon Road Class II, City of Scotts Valley to Branciforte Drive	<ul style="list-style-type: none"> • Narrow 2-lane arterial • High speeds 	Provides significant bike route between the City of Santa Cruz and the City of Scotts Valley	<ul style="list-style-type: none"> • City of Scotts Valley • Pasatiempo • DeLaveage Park • City of Santa Cruz 	[2], [5]	\$1,500,000	BLA, AB2766, Local
36. Graham Hill Road Class II, Ocean Street Ext. to Sims Road; Sims Road to Lockwood Lane; Lockwood Lane to Felton	<ul style="list-style-type: none"> • 2-lane arterial • High traffic volumes • High speeds 	Provides link from the City of Santa Cruz to Graham Hill Road community (Felton)	<ul style="list-style-type: none"> • On Bus Route • Horse Showgrounds • Henry Cowell Redwood State Park • High School 	[2], [4], [5]	\$1,000,000	BLA, AB2766, Local, STIP
37. Ice Cream Grade, Candy Lane to Martin School	<ul style="list-style-type: none"> • 2-lane 	Neighborhood Access to School	<ul style="list-style-type: none"> • School • Neighborhoods 		\$200,000	BLA, AB2766 Local
38. La Madrona Drive Class II, El Rancho Drive to Mount Hermon Road	<ul style="list-style-type: none"> • 2-lane arterial • Moderate traffic • Narrow Road 	Provides secondary link between the City of Santa Cruz and City of Scotts Valley	<ul style="list-style-type: none"> • Carbonera Area • Elementary School 	[2]	\$500,000	BLA, AB2766, Local
39. Lockwood Lane Class II, Graham Hill Road to Scotts Valley City limits	<ul style="list-style-type: none"> • 2-lane collector • Moderate traffic • Narrow road 	Connects to City of Scotts Valley's Lockwood Lane Bike Lane	<ul style="list-style-type: none"> • City of Scotts Valley • On Bus Route 	[2], [4]	\$1,000,000	BLA, AB2766, Local
40. Rincon Class I, County Portion	<ul style="list-style-type: none"> • High recreational use 	Completes bike route between Highway 9 and Coolidge Drive	<ul style="list-style-type: none"> • UCSC • Highway 9 • Pogonip 	[2], [4]	\$250,000	BLA
41. Sims Road, Graham Hill Road to La Madrona Drive	<ul style="list-style-type: none"> • 2-lane 	Part of County Master Plan of Bikeways	<ul style="list-style-type: none"> • Santa Cruz 		\$500,000	BLA, AB2766 Local

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PROPOSED BICYCLE PROJECTS

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	Existing Traffic & Road Conditions	Existing Gap in Bikeway System	Destinations		Projected Cost	Potential Funding
BIKEWAYS- - North County						
42. Summit Road Class I and II, Old Santa Cruz Hwy to Old San Jose Road	<ul style="list-style-type: none"> • Narrow 2-lane arterial • High speeds 	Completes significant bike route to North County	<ul style="list-style-type: none"> • Summit Area • Elementary School 	[1]	\$500,000	BLA, AB2766, Local
43. Quail Hollow Road Class II, East Zayante to Quail Hollow Ranch County Park	<ul style="list-style-type: none"> • 2-lane collector • Moderate traffic • Narrow road 	Initially connects neighborhoods to Regional County Park	<ul style="list-style-type: none"> • Regional County Park • Neighborhoods 	[5]	\$500,000	BLA, AB2766, Local
44. Wilder Ranch Class I, City of Santa Cruz at Shaffer Road to the Wilder Ranch State Park	<ul style="list-style-type: none"> • Alternative to Highway 1 • High recreational use 	Completes a significant portion of the Monterey Bay National Marine Sanctuary Trail	<ul style="list-style-type: none"> • Wilder Ranch State Park • Grey Whale Ranch State Park • UCSC • Pogonip 	[3], [4], [5]	\$900,000	ISTEA, Minor A, TDA
OTHER BICYCLE FACILITIES						
45. Bike Loop Detectors	Continuing upgrades at all major County signalized intersections	Provides improved service for bicyclists	Countywide	[3], [4]	\$5,000	Local, AB2766
46. Community Safety Traffic Coalition - Bicycle Education	N/A	Safety	Countywide	[1], [3]	\$80,000	TDA, Grant Funding
47. Bikeway maintenance continuing	Provides basic funding for maintenance activities	Countywide benefits	Countywide	[4]	\$50,000	TDA
48. Secure Bicycle Parking at Business Locations and Public Facilities	N/A	Provides improved service for bicyclists	Countywide	[3]	n/a	Developer Funded

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Project	Project Benefits			Plans	Cost & Funding	
	Existing Traffic & Road Conditions	Existing Gap in Bikeway System	Destinations		Projected Cost	Potential Funding
Planning Documents Code: [1] Regional Transportation Plan (RTP) Short Range [2] RTP Long Range [3] Regional Transportation Improvement Plan (RTIP) [4] County's Capital Improvement Program [5] County General Plan						
Funding Sources: BLA Bicycle Lane Account Local Local Funds CMAQ Congestion Mitigation and Air Quality 116 Proposition 116 RSTP Regional Surface Transportation Program 431 Air District-congestion relief funds STIP State Transportation Improvement Program AB 2766 Air District Vehicle Surcharge Fee TDA Transportation Development Act TEA Transportation Enhancement Activities TSM Transportation System Management						