

Table of Contents

Page Number

EXECUTIVE SUMMARY	i
CHAPTER ONE: INTRODUCTION	1
What is the <i>Regional Transportation Plan</i> ?	1
Development of the <i>2005 Plan</i>	1
Public Input and the <i>2005 Plan</i>	2
Incorporation of the <i>Major Transportation Investment Study</i>	3
Funding Shortfalls	4
Sales Tax Measure Expenditure Plan	4
Interagency Coordination and Partnerships	5
Member Agencies	8
Other Partner Agencies	9
Regional Setting	14
Accomplishments Since the <i>2001 Regional Transportation Plan</i>	16
CHAPTER TWO: OUR TRANSPORTATION SYSTEM	21
Stuck in Traffic: What's the Problem?	21
Causes of Traffic Snarl	21
1. More Driving, More Drivers	22
2. Insufficient Transportation Funds for Local Projects	23
3. Lack of Consensus on Transportation Options	24
Toward a Solution: Improving Mobility and Access	25
Future Traffic Projections	26
Increasing Highway and Transit Capacity	27
Safer Roads for Bicyclists and Pedestrians	27
Improved Air Quality	27
Equitable Transportation Options	28
Smarter Land Use	28
Today and Tomorrow's Transportation Network	29
The State Highway Network	29
Local City and County Street Network	37
Transportation Safety	40
Intelligent Transportation Systems	41
Commute Patterns	43
Transportation Demand Management	45
Bus Transit	46
Specialized Transportation	50
Bicycle Transportation	52
Pedestrian Transportation	53

	<i>Page Number</i>
Trail and Path Network .....	.55
Rail .....	.57
Commodity Movement .....	.60
Aviation .....	.62
Water Travel .....	.63
CHAPTER THREE: GOALS AND POLICIES .....	.65
Goal 1 and Associated Policies .....	.66
Goal 2 and Associated Policies .....	.68
Goal 3 and Associated Policies .....	.70
Goal 4 and Associated Policies .....	.72
Goal 5 and Associated Policies .....	.72
Goal 6 and Associated Policies .....	.74
CHAPTER FOUR: THE INVESTMENT PROGRAM .....	.75
Funding Our Transportation System .....	.76
How Transportation Projects are Funded .....	.76
The Financial Element- Funding Projections:	
Analysis and Assumptions .....	.77
Reasonably Anticipated Funding Based on Known Sources .....	.77
Methodology for Projecting Available Funds .....	.77
New Funding Source for <i>2005 Plan</i> .....	.82
Reliability of Projections .....	.82
Dedicated vs. Discretionary Funds .....	.83
The Action Element - Deciding Where Anticipated Funds Will Go .....	.85
Measure System Performance .....	.85
Transportation Equity .....	.85
The <i>Within Projected Funds</i> (Constrained) Project List .....	.86
Our County's Highest Priority Projects .....	.86
Enhancing the Capacity & Effectiveness of the Existing System ..	.87
The <i>Need New Funds</i> (Unconstrained) Project List .....	.89
Projects that Could be Constructed if New Funds Available .....	.89
Potential New Revenue Sources .....	.90
Traffic Impact Fees .....	.91
Implementing the Investment Program .....	.92
Project Delivery .....	.92
Funding Decisions .....	.93
How to Read the Project Maps/Detail Lists .....	.94
<i>Within Projected Funds</i> Project Maps .....	.96-116

CHAPTER FIVE: ENVIRONMENTAL AND AIR QUALITY REVIEW OF THE 2005 PLAN . .117

 Program-Level Environmental Review117

 Alternatives Studied in the EIR117

 Findings of the EIR118

 Environmental Justice119

 Air Quality Conformity Determination119

GLOSSARY AND ACRONYM GUIDE121

APPENDICES

A. Detailed Funding Projections, 2005-2030A - 1

B. 25-Year Totals of Dedicated and Discretionary FundsB - 1

C. *Within Projected Funds* (Constrained) Project ListC - 1

D. *Need New Funds* (Unconstrained) Project ListD - 1

E. Evaluation MeasuresE - 1

F. Public Outreach for the 2005 *Regional Transportation Plan*F - 1

G. MTIS Results Summary for Eight Alternatives and
 SCCRTC-Approved Program of ProjectsG - 1

H. Agency InformationH - 1

I. Results of AMBAGs Baseline 2030 Traffic ModelI - 1

J. Current Traffic Volumes on
 Roadways throughout Santa Cruz CountyJ - 1

K. Truck Traffic and Vehicle OccupancyK - 1

L. 2004 Bikeways MapL - 1

M. *Regional Transportation Plan* Guidelines ChecklistM - 1

List of Figures

1. Major Santa Cruz County Transportation Corridors4

2. Santa Cruz County Regional Transportation
 Commission Organizational Chart6

3. Santa Cruz County Primary Transportation Network13

4. Santa Cruz County Population Growth14

5. Population Data for Santa Cruz County15

6. More Vehicles and More Drivers Driving More Miles21

7. Annual Vehicle Miles of Travel (VMT) in Santa Cruz County22

8. Traffic Projections27

9. Santa Cruz County Residents Aged 70 or Older28

10. Average Daily Traffic (ADT) Volumes on State Highways	30
11. Building Highway Projects	34
12. Average Daily Traffic (ADT) Volumes on Selected Roadways	38
13. Local Jurisdictions Transportation Annual Maintenance Budget Versus Needs	39
14. Accident History on Santa Cruz County Roads	40
15. Transportation Mode Split	43
16. Park and Ride Lots in Santa Cruz County	44
17. Santa Cruz County Bus System	47
18. Bus Passengers per Service Hour—Local Feeder Routes	48
19. Annual Trips for Seniors and People with Disabilities	50
20. Percent of Children Walking/Biking to School in the U.S.	53
21. Monterey Bay Sanctuary Scenic Trail	56
22. Rail Lines of Santa Cruz County and Vicinity	58
23. Major Transportation Revenues in California	76
24. Estimated Revenues for Transportation Projects for FY2005-2030 ...	78-81
25. Dedicated/Discretionary Transportation Funding Split	84
26. Major Projects and Programs	86
27. Approved Projects for the Watsonville - Santa Cruz - UCSC Corridor (MTIS)	87
28. "Within Projected Funds" Project List by Mode	88
29. Potential Revenue Sources for "Need New Funds" Projects	90
30. Potential Public Support for New Taxes to Fund Additional Transportation Project	91
31. <i>Within Projected Funds</i> : Programmed Projects, Santa Cruz County .	96-97
42. <i>Within Projected Funds</i> : Planned Projects, Santa Cruz County	98-99
31. <i>Within Projected Funds</i> : Programmed Projects, Capitola - Aptos	101
32. <i>Within Projected Funds</i> : Planned Projects, Capitola - Aptos	102-103
33. <i>Within Projected Funds</i> : Programmed Projects, Santa Cruz	105
34. <i>Within Projected Funds</i> : Planned Projects, Santa Cruz	106-107
35. <i>Within Projected Funds</i> : Programmed Projects, Scotts Valley	109
36. <i>Within Projected Funds</i> : Planned Projects, Scotts Valley	111
37. <i>Within Projected Funds</i> : Programmed Projects, Watsonville	113
38. <i>Within Projected Funds</i> : Planned Projects, Watsonville	115