

*Appendix I*

**Results of AMBAG'S  
Baseline Traffic Model**

## APPENDIX I

### Results of the Association of Monterey Bay Area Governments (AMBAG) Baseline 2030 Traffic Model

#### DAILY PERSON TRIPS BY TRAVEL MODE CHANGE FROM 2000 TO 2030

Mode	Santa Cruz		Monterey		San Benito		AMBAG Region	
	Increased Trips	Percent Change	Increased Trips	Percent Change	Increased Trips	Percent Change	Increased Trips	Percent Change
<b>Work Trips</b>								
Auto, Drive Alone	52,207	33.0%	125,474	58.2%	19,699	61.9%	197,380	48.7%
Auto, 2 Persons	3,919	29.6%	14,305	64.2%	1,192	33.4%	19,416	49.6%
Auto, 3 Persons	1,771	20.4%	10,066	60.9%	(434)	-11.5%	11,403	39.3%
Transit	939	32.4%	232	8.7%	38	45.8%	1,209	21.4%
Walk/Bicycle	1,140	39.0%	2,817	65.6%	309	68.1%	4,266	55.6%
Total	59,976	32.3%	152,894	58.5%	20,804	52.4%	233,674	48.0%
Auto Vehicle Trips	57,897	32.2%	149,845	58.9%	20,457	52.2%	228,199	48.2%
<b>All Trips</b>								
Auto, Drive Alone	217,070	40.8%	392,709	55.4%	62,896	73.9%	672,675	50.7%
Auto, 2 Persons	125,432	43.9%	229,718	58.8%	31,867	69.6%	387,017	53.6%
Auto, 3 Persons	130,236	51.6%	255,050	76.2%	28,747	63.3%	414,033	65.5%
Transit	23,110	46.8%	39,374	55.4%	5,772	71.4%	68,256	53.1%
Walk/Bicycle	38,501	25.3%	67,506	28.5%	14,614	65.3%	120,621	29.3%
Total	534,349	42.0%	984,357	56.5%	143,896	69.6%	1,662,602	51.6%
Auto Vehicle Trips	472,738	44.2%	877,477	61.2%	123,510	70.1%	1,473,725	55.0%

#### PERCENT OF PERSON TRIPS USING EACH MODE OF TRANSPORTATION ALL TRIP PURPOSES, BY COUNTY, BY ANALYSIS YEAR

Mode	Santa Cruz		Monterey		San Benito		AMBAG Region	
	2000	2030	2000	2030	2000	2030	2000	2030
Drive Alone	41.84%	41.48%	40.68%	40.40%	41.17%	42.21%	41.17%	40.93%
Carpool 2 Persons	22.46%	22.76%	22.43%	22.75%	22.15%	22.15%	22.42%	22.71%
Carpool 3 or More Persons	19.84%	21.18%	19.20%	21.62%	21.95%	21.14%	19.63%	21.43%
Transit	3.88%	4.02%	4.08%	4.05%	3.91%	3.95%	3.99%	4.03%
Bike/Walk	11.98%	10.56%	13.61%	11.17%	10.83%	10.55%	12.79%	10.90%

**VEHICLE MILES OF TRAVEL BY TIME PERIOD**

		<b>AM Peak Hour</b>	<b>PM Peak Hour</b>	<b>Off Peak</b>	<b>Total</b>
<b>Santa Cruz</b>	<b>2000</b>	539,201	563,899	4,956,419	6,059,519
	<b>2030</b>	686,896	720,650	6,356,532	7,764,079
	<b>%Change</b>	27.4%	27.8%	28.2%	28.1%
<b>Monterey</b>	<b>2000</b>	934,658	977,981	8,562,339	10,474,977
	<b>2030</b>	1,298,024	1,356,708	12,068,153	14,722,885
	<b>%Change</b>	38.9%	38.7%	40.9%	40.6%
<b>San Benito</b>	<b>2000</b>	149,313	156,166	1,365,153	1,670,631
	<b>2030</b>	211,742	221,136	1,965,842	2,398,720
	<b>%Change</b>	41.8%	41.6%	44.0%	43.6%
<b>AMBAG Region</b>	<b>2000</b>	1,623,171	1,698,046	14,883,910	18,205,127
	<b>2030</b>	2,196,662	2,298,494	20,390,527	24,885,684
	<b>%Change</b>	35.3%	35.4%	37.0%	36.7%

**VEHICLE MILES OF TRAVEL BY ROAD TYPE**

		<b>Freeway</b>	<b>Multilane</b>	<b>Two Lane</b>	<b>Ramp</b>
<b>Santa Cruz</b>	<b>2000</b>	2,137,577	443,994	3,363,221	114,726
	<b>2030</b>	2,999,070	562,813	4,052,266	149,930
	<b>%Change</b>	40.3%	26.8%	20.5%	30.7%
<b>Monterey</b>	<b>2000</b>	2,970,383	2,459,693	4,874,712	170,189
	<b>2030</b>	5,293,882	3,118,246	6,030,214	280,544
	<b>%Change</b>	78.2%	26.8%	23.7%	64.8%
<b>San Benito</b>	<b>2000</b>	368,760	262,671	1,030,608	8,592
	<b>2030</b>	620,299	830,048	932,935	15,437
	<b>%Change</b>	68.2%	216.0%	-9.5%	79.7%
<b>AMBAG Region</b>	<b>2000</b>	5,476,721	3,166,358	9,268,541	293,507
	<b>2030</b>	8,913,251	4,511,107	11,015,414	445,911
	<b>%Change</b>	62.7%	42.5%	18.8%	51.9%