

APPENDIX D

SAN CARLOS TRAFFIC PATTERNS

Appendix D: San Carlos Traffic Patterns

(based on C/CAG model 6/22/01)

AM Peak Hour

Trip Purpose	Total Trips	Within San Carlos
Home to work	2643	249
Home to shopping/other	947	462
Home to social/recreational	390	125
Home to school	900	403
Non-home based	588	224
Home to work	2887	249
Home to shopping/other	1314	462
Home to social/recreational	412	125
Home to school	891	403
Non-home based	588	224

AM Peak Trips	Total Trips	Percent of Total AM Trips	Percent Made with Origins and Destinations in San Carlos	Percent Made with Origins in San Carlos	Percent Made with Destinations in San Carlos	
Home to work	5,281	52.30%	2.47%	23.71%	26.13%	52.30%
Home to shopping/other	1,799	17.82%	4.58%	4.80%	8.44%	17.82%
Home to social/recreational	677	6.70%	1.24%	2.62%	2.84%	6.70%
Home to school	1,388	13.75%	3.99%	4.92%	4.83%	13.75%
Non-home based	952	9.43%	2.22%	3.61%	3.61%	9.43%
	10,097	100%	14.49%	39.67%	45.85%	100%

PM Peak Hour

Work to home	3023	261
Shopping/other to home	1951	686
Social/recreational to home	612	186
School to home	50	22
Non-home based	2053	782
Work to home	2526	261
Shopping/other to home	1406	686
Social/recreational to home	580	186
School to home	48	22
Non-home based	2053	782

Net PM Peak Trips	Total Trips	Percent of Total PM Trips	Percent Made with Origins and Destinations in San Carlos	Percent Made with Origins in San Carlos	Percent Made with Destinations in San Carlos	
Home to work	5,288	42.77%	2.11%	22.34%	18.32%	42.77%
Home to shopping/other	2,671	21.60%	5.55%	10.23%	5.82%	21.60%
Home to social/recreational	1,006	8.14%	1.50%	3.45%	3.19%	8.14%
Home to school	76	0.61%	0.18%	0.23%	0.21%	0.61%
Non-home based	3,324	26.88%	6.32%	10.28%	10.28%	26.88%
	12,365	100.00%	15.67%	46.52%	37.82%	1

^[1] The C/CAG model is not sophisticated enough to accurately model the school trips internal and external to San Carlos. In addition, most of the PM school trips are either outside the peak window and/or include a stop between home and school and thus are considered other "non-home based trips." The PM peak non-home based trips that are due to school travel also have good bicycle potential. Thus 4 percent is a conservative estimate of the AM/PM peak hour trips associated with school travel within San Carlos.