

APPENDIX E

Table 2
2006 VEHICLE OCCUPANCY COUNTS
Survey Performed on October 18, 2006

Northbound Highway 17

TIME OF DAY	OCCUPANCY							TRUCK	TOTAL
	1	2	3	4+	VANPOOL	BUS	MO'CYCLES		
5:45 AM TO 7:00 AM	735	16	4	0	4	2	5	17	783
7:05 AM TO 8:00 AM	1652	198	13	12	4	3	7	37	1926
8:05 AM TO 9:00 AM	1402	140	15	2	7	3	10	26	1605
9:05 AM TO 9:40 AM	946	106	9	6	6	0	11	12	1096
Total AM	4735	460	41	20	21	8	33	92	5410
Person Trips	4375	920	123	80	147	160	33	92	5930
								Vehicle Occupancy	1.10
								% Single Occupancy	0.88
								Percentage of Trucks	1.70
3:30 PM TO 4:25 PM	1793	265	35	6	1	1	7	24	2132
4:30 PM TO 5:25 PM	1814	214	28	10	2	1	8	13	2090
5:30 PM TO 6:25 PM	1687	208	20	16	2	2	12	10	1957
Total PM	5294	687	83	32	5	4	27	47	6179
Person Trips	5294	1374	249	128	35	80	27	47	7234
								Vehicle Occupancy	1.17
								% Single Occupancy	0.86
								Percentage of Trucks	0.76

Southbound Highway 17

TIME OF DAY	OCCUPANCY							TRUCK	TOTAL
	1	2	3	4+	VANPOOL	BUS	MO'CYCLES		
6:45 AM TO 7:00 AM	209	13	1	0	0	0	2	30	255
7:05 AM TO 8:00 AM	692	128	14	1	1	2	7	57	902
8:05 AM TO 9:00 AM	845	156	28	12	1	3	7	48	1100
9:05 AM TO 9:40 AM	489	101	25	6	0	1	3	60	685
Total AM	2235	398	68	19	2	6	19	195	2942
Person Trips	2235	796	204	76	14	120	19	195	3659
								Vehicle Occupancy	1.24
								% Single Occupancy	0.76
								Percentage of Trucks	6.63
3:30 PM TO 4:25 PM	1296	259	14	11	2	4	15	30	1631
4:30 PM TO 5:25 PM	1433	219	22	9	5	4	12	26	1730
5:30 PM TO 6:25 PM	1473	186	40	9	1	3	21	19	1752
Total PM	4202	664	76	29	8	11	48	75	5113
Person Trips	4202	1328	228	116	56	220	48	75	6273
								Vehicle Occupancy	1.23
								% Single Occupancy	0.82
								Percentage of Trucks	1.47

Note: Counts taken in 15 min. intervals, with 5 min. breaks between each interval on Hwy 17 at the summit

Vanpools assumes average of 7 persons/vehicle

Bus assumes 20 persons per bus

MO'CYCLE=motorcycle, assumes average of 1 person/cycle