

# APPENDIX E

**Table 1**  
**2006 VEHICLE OCCUPANCY COUNTS**  
**Survey Performed on October 17, 2006**

## Northbound Highway 1

| TIME OF DAY                 | OCCUPANCY |      |     |     |         |     |           |       | TOTAL |
|-----------------------------|-----------|------|-----|-----|---------|-----|-----------|-------|-------|
|                             | 1         | 2    | 3   | 4+  | VANPOOL | BUS | MO'CYCLES | TRUCK |       |
| 6:45 AM TO 7:00 AM          | 772       | 54   | 2   | 0   | 2       | 1   | 6         | 13    | 850   |
| 7:05 AM TO 8:00 AM          | 1926      | 285  | 24  | 1   | 4       | 0   | 18        | 23    | 2281  |
| 8:05 AM TO 9:00 AM          | 1835      | 272  | 26  | 3   | 2       | 4   | 11        | 59    | 2212  |
| 9:05 AM TO 9:40 AM          | 1122      | 161  | 16  | 0   | 0       | 0   | 10        | 29    | 1338  |
| <b>Total AM</b>             | 5655      | 772  | 68  | 4   | 8       | 5   | 45        | 124   | 6681  |
| Person Trips                | 5655      | 1544 | 204 | 16  | 56      | 100 | 45        | 124   | 7744  |
| <b>Vehicle Occupancy</b>    |           |      |     |     |         |     |           |       | 1.16  |
| <b>% Single Occupancy</b>   |           |      |     |     |         |     |           |       | 0.85  |
| <b>Percentage of Trucks</b> |           |      |     |     |         |     |           |       | 1.86  |
|                             |           |      |     |     |         |     |           |       |       |
| 3:30 PM TO 4:25 PM          | 1793      | 505  | 76  | 9   | 3       | 0   | 11        | 48    | 2445  |
| 4:30 PM TO 5:25 PM          | 1814      | 438  | 58  | 12  | 3       | 3   | 16        | 26    | 2370  |
| 5:30 PM TO 6:25 PM          | 1687      | 396  | 81  | 26  | 5       | 1   | 9         | 25    | 2230  |
| <b>Total PM</b>             | 5294      | 1339 | 215 | 47  | 9       | 4   | 36        | 99    | 7045  |
| Person Trips                | 5294      | 2678 | 645 | 188 | 63      | 80  | 36        | 99    | 9083  |
| <b>Vehicle Occupancy</b>    |           |      |     |     |         |     |           |       | 1.29  |
| <b>% Single Occupancy</b>   |           |      |     |     |         |     |           |       | 0.75  |
| <b>Percentage of Trucks</b> |           |      |     |     |         |     |           |       | 1.41  |

## Southbound Highway 1

| TIME OF DAY                 | OCCUPANCY |      |     |     |         |     |           |       | TOTAL |
|-----------------------------|-----------|------|-----|-----|---------|-----|-----------|-------|-------|
|                             | 1         | 2    | 3   | 4+  | VANPOOL | BUS | MO'CYCLES | TRUCK |       |
| 6:45 AM TO 7:00 AM          | 306       | 35   | 0   | 0   | 9       | 10  | 3         | 4     | 367   |
| 7:05 AM TO 8:00 AM          | 1795      | 221  | 17  | 8   | 11      | 6   | 10        | 22    | 2090  |
| 8:05 AM TO 9:00 AM          | 2046      | 213  | 17  | 3   | 0       | 13  | 14        | 55    | 2361  |
| 9:05 AM TO 9:40 AM          | 1134      | 180  | 7   | 9   | 8       | 7   | 8         | 29    | 1382  |
| <b>Total AM</b>             | 5281      | 649  | 41  | 20  | 28      | 36  | 35        | 110   | 6200  |
| Person Trips                | 5281      | 1298 | 123 | 80  | 196     | 720 | 35        | 110   | 7843  |
| <b>Vehicle Occupancy</b>    |           |      |     |     |         |     |           |       | 1.27  |
| <b>% Single Occupancy</b>   |           |      |     |     |         |     |           |       | 0.85  |
| <b>Percentage of Trucks</b> |           |      |     |     |         |     |           |       | 1.77  |
|                             |           |      |     |     |         |     |           |       |       |
| 3:30 PM TO 4:25 PM          | 1869      | 377  | 20  | 9   | 3       | 5   | 21        | 38    | 2342  |
| 4:30 PM TO 5:25 PM          | 1520      | 273  | 28  | 8   | 6       | 3   | 10        | 9     | 1857  |
| 5:30 PM TO 6:25 PM          | 1497      | 353  | 43  | 10  | 4       | 0   | 19        | 2     | 1928  |
| <b>Total PM</b>             | 4886      | 1003 | 91  | 27  | 13      | 8   | 50        | 49    | 6127  |
| Person Trips                | 4886      | 2006 | 273 | 108 | 91      | 160 | 50        | 49    | 7623  |
| <b>Vehicle Occupancy</b>    |           |      |     |     |         |     |           |       | 1.24  |
| <b>% Single Occupancy</b>   |           |      |     |     |         |     |           |       | 0.80  |
| <b>Percentage of Trucks</b> |           |      |     |     |         |     |           |       | 0.80  |

*Note: Counts taken in 15 min. intervals, with 5 min. breaks between each interval on Hwy 1 north of 41st Avenue*  
*Vanpools assumes average of 7 persons/vehicle*  
*Bus assumes 20 persons per bus*  
*MO'CYCLE=motorcycle, assumes average of 1 person/cycle*