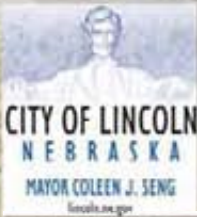
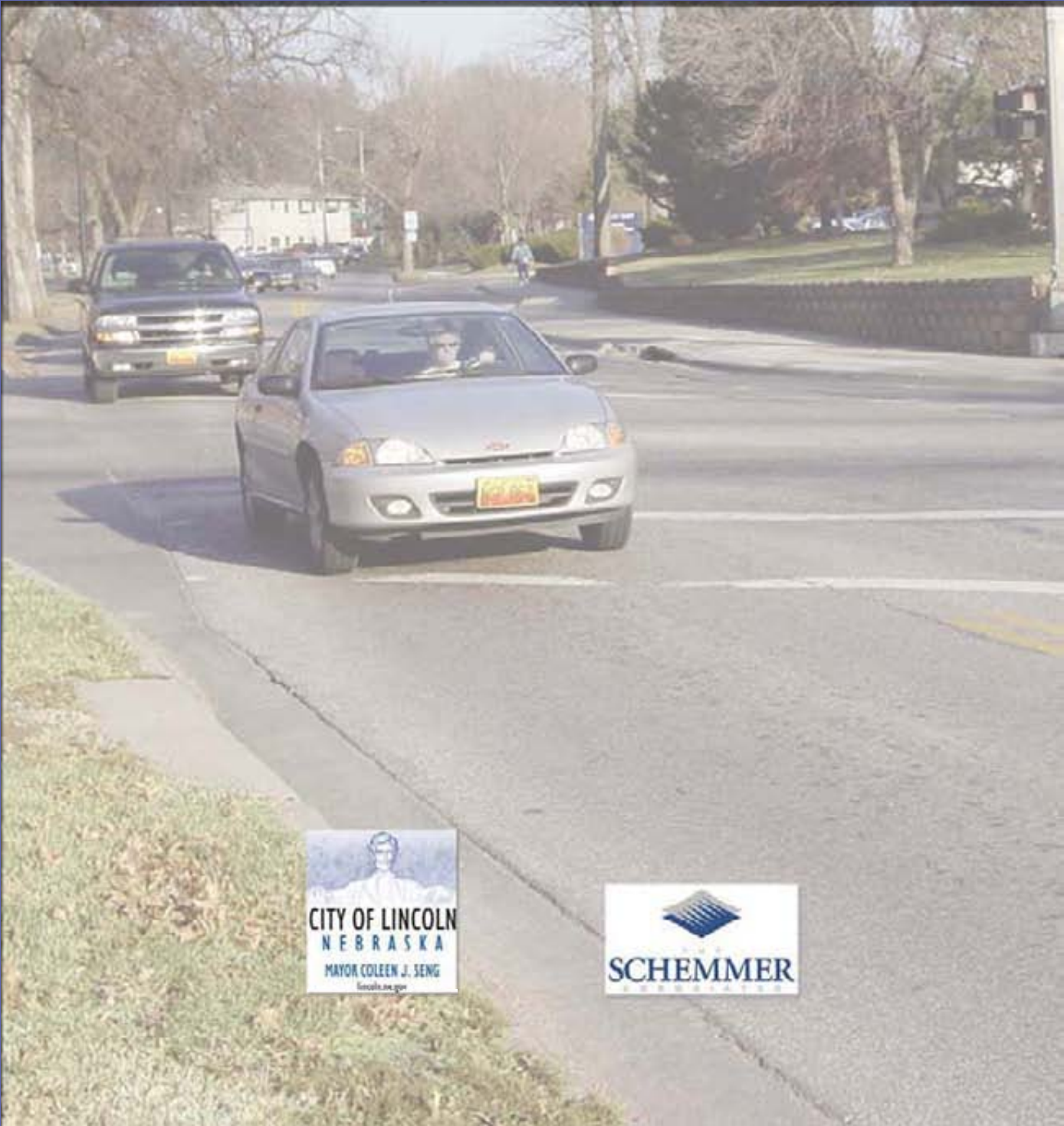


2006 Vehicle Occupancy Study



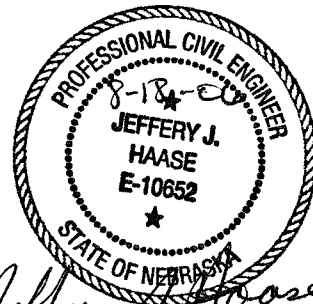
VEHICLE OCCUPANCY STUDY

City of Lincoln

Lincoln, Nebraska

TSA Project No. 05196001

August 2006



JEFFERY J. HAASE, P.E.
E-10652

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INTRODUCTION

Faced with a need to increase highway transportation system service and efficiency, urban transportation agencies are making a greater effort to monitor travel trends and measure the impacts of plans, policies, and procedures at the regional and local levels. Passenger vehicle occupancy data is an increasingly recognized key element of an effective urban travel-monitoring program.¹

The City of Lincoln uses vehicle occupancy data for project-planning activities related to the city's long-term transportation improvement program. Baseline information on the travel characteristics and trends of adjacent streets or street corridors can be used to plan and evaluate the need for additional or improved street segments. Vehicle occupancy data can also be used to determine the effectiveness of city-wide or individual employment center carpooling programs. Screenline vehicle occupancy studies have been conducted in the City of Lincoln since 1977.

This report presents the results of the 2006 Screenline Vehicle Occupancy Study conducted by The Schemmer Associates Inc (TSA). In addition to the results of the study, this report presents data collection procedures, calculations, and recommendations for future studies.

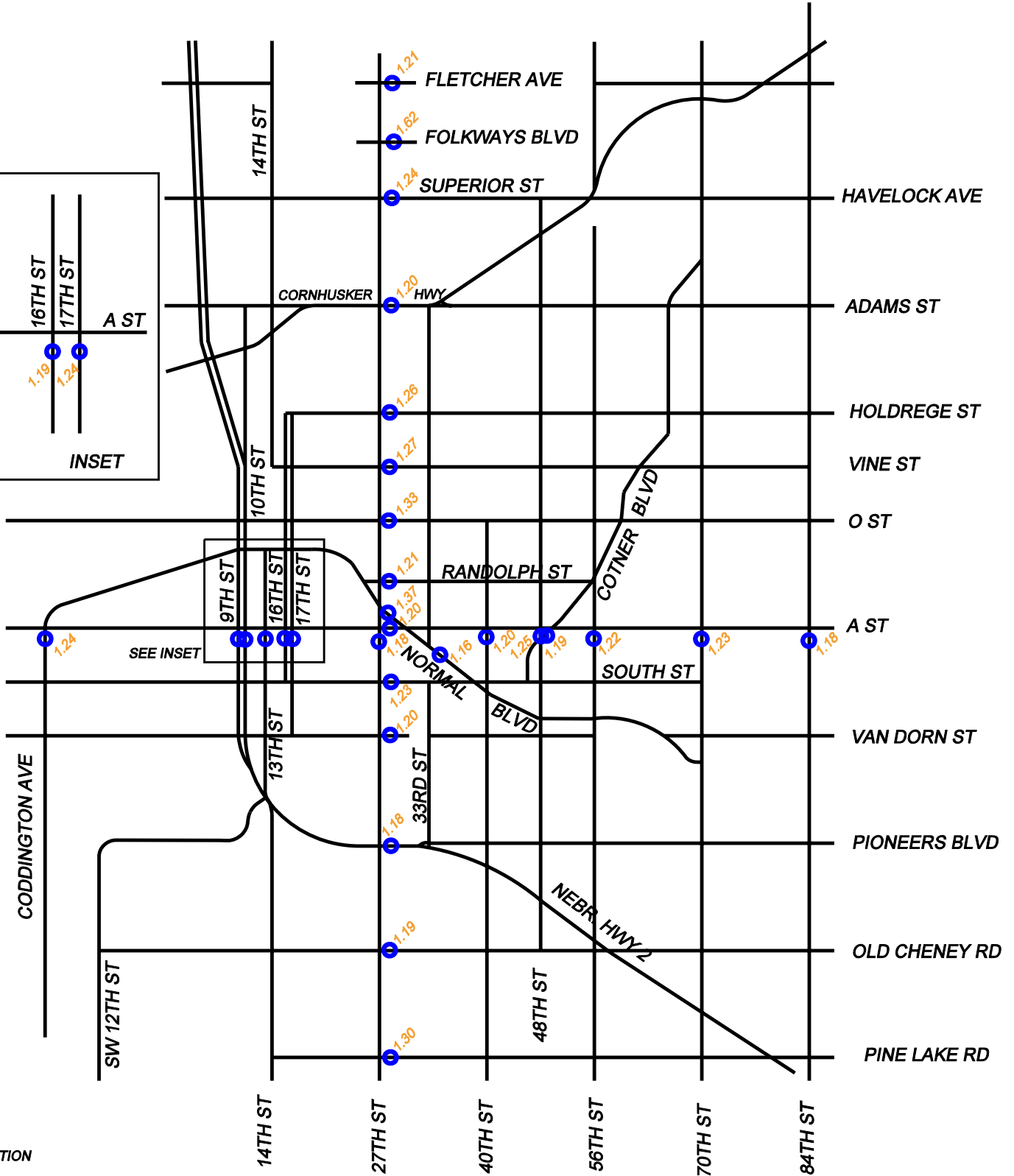
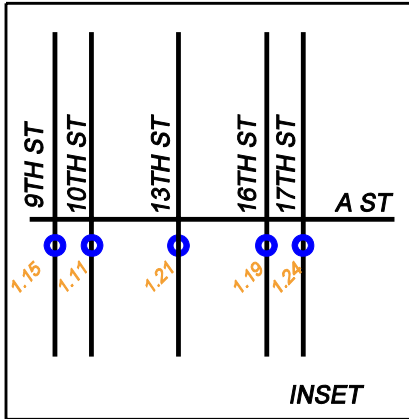
DATA COLLECTION

Screenline vehicle occupancy studies were conducted at twenty-nine (29) locations within the city limits of Lincoln, Nebraska. Fourteen sites were located on the south leg of major intersections along "A" Street while an additional fifteen sites were located on the east leg of major intersections along 27th Street. "A" Street and 27th Street are both major arterials centralized within the City of Lincoln. "A" Street serves east-west traffic throughout the city while 27th Street serves north-south traffic. The centralized locations of these 29 sites provide a representative sample of the city as a whole². The location of these 29 sites is illustrated in Figure 1.

Two, one-hour studies were conducted at 28 locations; one during the a.m. peak and one during the p.m. peak. Specific times for which data collection was performed at each location were determined based upon the peak hour of traffic volumes at the nearest signalized intersection, as determined through other data collection activities. A one-hour study during the a.m. peak and a 2.5-hour study for the p.m. time period were conducted east of 27th Street on Folkways Boulevard. The end-of-school vehicle occupancy was obtained by collecting 2.5 hours for the p.m. time period, starting at 3:00 p.m. However, the p.m. peak reported for this location starts at 4:30 p.m. and corresponds to p.m. peak at the location east of 27th Street on Superior Street.

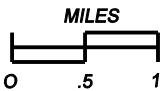
¹*Guide For Estimating Urban Vehicle Classification and Occupancy*, U.S. Department of Transportation, Federal Highway Administration, 1980.

²The vehicle occupancy for the City of Lincoln as a whole will be referred to as the "city-wide" vehicle occupancy throughout this report.



LEGEND

- STUDY LOCATION
- COMBINED AM & PM VEHICLE OCCUPANCY



2006 STUDY LOCATION MAP



**2006 VEHICLE
OCCUPANCY STUDY
CITY OF LINCOLN, NE**

**FIGURE
1**

Studies were conducted on weekdays beginning April 3, 2006 and ending May 5, 2006. To ensure that daily variation would not affect statistical comparisons with previous occupancy studies, each location was studied on the same day of the week as in years past. Table 1 summarizes the study locations as well as the date and time in which data collection activities were performed.

During each one-hour study period, only passenger vehicles being used for non-commercial purposes were sampled. Passenger vehicles in this study include cars, vans, pickups, motorcycles, and SUVs (sports utility vehicles). Buses, commercial vehicles, and trucks were not sampled. The duration of each study was divided into 15-minute intervals with each direction of traffic studied separately.

The data collection process involved tallying the number of occupants estimated to be five years of age or older in each passenger vehicle. For each site during each time period, the total number of occupants and the total number of vehicles were counted. Raw data for each location resulting from these activities can be found in the appendix.

CALCULATIONS

Two forms of data were collected at each location during each time period: the total number of vehicles and the total number of occupants. The equation below illustrates how these two types of data are used to calculate the average occupancy for each study location.

$$OCCL_i = \frac{P_i}{VPV_i}$$

where,

- OCCL_i = average vehicle occupancy for location i, (occupants/vehicle)
- P_i = number of occupants counted at location i
- VPV_i = number of passenger vehicles counted at location i

The data collected at the location along 9th Street, south of “A” Street, is used below as an example to calculate the average vehicle occupancy for that location:

	<u>AM Peak</u>	<u>PM Peak</u>	<u>Combined</u>
Total Occupants:	1,268	2,291	1,268 + 2,291 = 3,559
Total Vehicles:	1,130	1,969	1,130 + 1,969 = 3,099
Average Occupancy:	$\frac{1,268}{1,130} = 1.1221$	$\frac{2,291}{1,969} = 1.1635$	$\frac{3,559}{3,099} = 1.1484$

TABLE 1 – STUDY LOCATIONS

LOC #	DATE	DAY	DIRECTION	FROM		LOCATION	VEH. MOV. DIR	A.M. TIME	P.M. TIME
1	7-Apr	Friday	South of	"A" Street	on	Coddington Ave.	NB/SB	7:30-8:30	4:30-5:30
2	24-Apr	Monday	South of	"A" Street	on	9th Street	SB	7:15-8:15	4:30-5:30
3	24-Apr	Monday	South of	"A" Street	on	10th Street	NB	7:15-8:15	4:15-5:15
4	4-Apr	Tuesday	South of	"A" Street	on	13th Street	NB/SB	7:30-8:30	4:30-5:30
5	25-Apr	Tuesday	South of	"A" Street	on	16th Street	SB	7:30-8:30	4:30-5:30
6	26-Apr	Wednesday	South of	"A" Street	on	17th Street	NB	7:15-8:15	4:15-5:15
7	5-Apr	Wednesday	South of	"A" Street	on	27th Street	NB/SB	7:30-8:30	4:30-5:30
8	6-Apr, 27-Apr ¹	Thursday	South of	"A" Street	on	Normal @ Everett	NB/SB	7:15-8:15	4:30-5:30
9	27-Apr	Thursday	South of	"A" Street	on	40th Street	NB/SB	7:15-8:15	4:30-5:30
10	7-Apr	Friday	South of	"A" Street	on	48th Street	NB/SB	7:30-8:30	4:30-5:30
11	7-Apr	Friday	South of	"A" Street	on	Cotner Blvd.	NB/SB	7:30-8:80	4:30-5:30
12	3-Apr	Monday	South of	"A" Street	on	56th Street	NB/SB	7:15-8:15	4:30-5:30
13	10-Apr	Monday	South of	"A" Street	on	70th Street	NB/SB	7:15-8:15	4:30-5:30
14	5-Apr	Wednesday	South of	"A" Street	on	84th Street	NB/SB	7:15-8:15	4:45-5:45
15	10-Apr	Monday	East of	27th Street	on	Fletcher Ave.	EB/WB	7:15-8:15	4:45-5:45
16 ^a	12-Apr	Wednesday	East of	27th Street	on	Folkways Blvd.	EB/WB	7:15-8:15	3:00-5:30
17	21-Apr	Friday	East of	27th Street	on	Superior Street	EB/WB	7:15-8:15	4:30-5:30
18	13-Apr	Thursday	East of	27th Street	on	Cornhusker Hwy.	EB/WB	7:15-8:15	4:30-5:30
19	27-Apr	Thursday	East of	27th Street	on	Holdrege Street	EB/WB	7:30-8:30	4:45-5:45
20	21-Apr, 5-May ²	Friday	East of	27th Street	on	Vine Street	EB/WB	7:15-8:15	4:30-5:30

^a The P.M. peak hour for this location was 4:30 p.m. to 5:30 p.m.

¹ Data collection for the A.M. peak was performed on April 6th. The P.M. peak was performed on April 27th.

² Data collection for the A.M. peak was performed on April 21st. The P.M. peak was performed on May 5th.

TABLE 1 – STUDY LOCATIONS (CONTINUED)

LOC #	DATE	DAY	DIRECTION	FROM		LOCATION	VEH. MOV. DIR	A.M. TIME	P.M. TIME
21	21-Apr	Friday	East of	27th Street	on	"O" Street	EB/WB	7:15-8:15	4:45-5:45
22	24-Apr	Monday	East of	27th Street	on	Randolph St.	EB/WB	7:15-8:15	4:15-5:15
23	11-Apr	Tuesday	East of	27th Street	on	Capitol Parkway	EB/WB	7:15-8:15	4:30-5:30
24	24-Apr, 3-Apr ³	Monday	East of	27th Street	on	"A" Street	EB/WB	7:30-8:30	4:30-5:30
25	11-Apr, 25-Apr ⁴	Tuesday	East of	27th Street	on	South Street	EB/WB	7:15-8:15	4:45-5:45
26	12-Apr	Wednesday	East of	27th Street	on	Sheridan Blvd. @ Van Dorn	EB/WB	7:15-8:15	4:30-5:30
27	18-Apr	Tuesday	East of	27th Street	on	Nebraska Hwy.	EB/WB	7:15-8:15	4:45-5:45
28	19-Apr, 26-Apr ⁵	Wednesday	East of	27th Street	on	Old Cheney Rd.	EB/WB	7:15-8:15	4:45-5:45
29	20-Apr	Thursday	East of	27th Street	on	Pine Lake Rd.	EB/WB	7:15-8:15	5:00-6:00

³ Data collection for the A.M. peak was performed on April 24th. The P.M. peak was performed on April 3rd.

⁴ Data collection for the A.M. peak was performed on April 11th. The P.M. peak was performed on April 25th.

⁵ Data collection for the EB A.M. and P.M. peak were performed on April 19th. The WB A.M. peak was performed on April 26th.

In planning, it is common to use an occupancy rate that is representative of the city as a whole rather than on a location-by-location basis. By substituting the total number of occupants for all 29 locations in the numerator and the total number of vehicles for all 29 locations in the denominator, the average city-wide vehicle occupancy can be found. The equation for this calculation is as follows:

$$OCC = \frac{\sum_i^{NI} P_i}{\sum_i^{NI} VPV_i}$$

where,

OCC = average city-wide vehicle occupancy, (occupants/vehicle)
 NI = number of locations

The standard deviation of the occupancy rates across locations is calculated using the city-wide occupancy rate for combined time periods³ as the mean (average). Standard deviation is a statistical measure of the spread of the individual occupancy rates. For example, if the study-wide vehicle occupancy is 1.20 occupants per vehicle and the standard deviation across locations is 0.05 occupants per vehicle, one can be confident that at any location within the City of Lincoln, the vehicle occupancy is between 1.15 and 1.25 occupants per vehicle. This calculation was performed for each time period as well as for the time periods combined. The following equation is used to perform this calculation.

$$SOL = \left[\frac{NI \times \sum_i^{NI} (P_i - OCCL \times VPV_i)^2}{\left(\sum_i^{NI} VPV_i \right)^2} \right]^{\frac{1}{2}}$$

where,

SOL = standard deviation across locations, (occupants/vehicle)
 OCCL = study-wide occupancy rate for all locations and all time periods, (occupants/vehicles)

³The vehicle occupancy of the city as a whole (i.e., city-wide) for all time periods will be referred to as the “study-wide” vehicle occupancy throughout this report.

RESULTS

The average vehicle occupancy at each location for the two time periods combined is summarized in Figure 1 and Table 2. Average vehicle occupancies during each individual time period are summarized in Table 2. In addition to providing average occupancies for each location, Table 2 also summarizes the occupancy rates during each time period on a corridor (i.e., along “A” Street or 27th Street) and a city-wide basis. As this table shows, the average city-wide vehicle occupancy is 1.17 during the a.m. peak and 1.24 during the p.m. peak. The two peak periods combined have an average vehicle occupancy of 1.21. The standard deviation for the a.m. and p.m. peak periods as well as for the two time periods combined are 0.09, 0.08, and 0.06 occupants per vehicle, respectively. Calculations for these values are shown in the appendix.

As these results indicate, the average vehicle occupancy during the p.m. peak hour is higher than in the a.m. peak hour. A probable reason for this trend is the type of trip being made during each of these peak periods. Most of the trips being made during the morning rush hour are trips from home to work and/or home to school. During the afternoon peak hour, the trips include social or recreational trips.

Table 3 and Figure 2 illustrate the trend of average occupancies during the a.m. and p.m. peak hours over the last 29 years. Since 1977, the average vehicle occupancy during the a.m. peak hour has dropped from 1.23 to 1.17, a decrease of 0.06 occupants per vehicle. Also during this time, the average vehicle occupancy during the p.m. peak hour has dropped from 1.34 to 1.24, a decrease of 0.10 occupants per vehicle. To illustrate this decrease, suppose 1,000 persons need to get from point A to point B during the p.m. peak period. Using the vehicle occupancies above, 746 vehicles would have been needed in 1977 to move these 1,000 people while in 2006, 806 vehicles are needed. Thus, for every 1,000 occupants, 60 more vehicles are on Lincoln’s streets during the p.m. peak hour today than in 1977. As shown in Figure 2, a rise in the vehicle occupancy rate began in 1978 and peaked in 1980. Gas prices increased from \$0.68 per gallon in 1978 to \$1.28 per gallon in 1981. This price increase indicates that the occupancy increase was due, in part, to a national issue, rather than one of local nature. However, with the recent gas price increases⁴, there has not been a corresponding change in vehicle occupancies.

⁴ \$2.79/gallon, Lincoln, Nebraska, Regular Unleaded Gas Prices, April 2006, Nebraska Energy Office.

TABLE 2 – 2006 AVERAGE OCCUPANCY RATES

	Location	Direction	AM Peak			PM Peak			AM & PM Combined		
			Total Vehicles	Total Occupants	Average Occupancy	Total Vehicles	Total Occupants	Average Occupancy	Total Vehicles	Total Occupants	Average Occupancy
1	Coddington Avenue - South of "A"	NB	403	478	1.1861	376	471	1.2527	779	949	1.2182
		SB	281	390	1.3879	404	482	1.1931	685	872	1.2730
		COMB.	684	868	1.2690	780	953	1.2218	1464	1821	1.2439
2	9th Street - South of "A"	SB	1130	1268	1.1221	1969	2291	1.1635	3099	3559	1.1484
3	10th Street - South of "A"	NB	2220	2359	1.0626	1411	1660	1.1765	3631	4019	1.1069
4	13th Street - South of "A"	NB	807	952	1.1797	362	470	1.2983	1169	1422	1.2164
		SB	237	285	1.2025	704	837	1.1889	941	1122	1.1923
		COMB.	1044	1237	1.1849	1066	1307	1.2261	2110	2544	1.2057
5	16th Street - South of "A"	SB	306	354	1.1569	1003	1200	1.1964	1309	1554	1.1872
6	17th Street - South of "A"	NB	843	991	1.1756	567	756	1.3333	1410	1747	1.2390
7	27th Street - South of "A"	NB	1371	1561	1.1386	854	1034	1.2108	2225	2595	1.1663
		SB	552	664	1.2029	1225	1463	1.1943	1777	2127	1.1970
		COMB.	1923	2225	1.1570	2079	2497	1.2011	4002	4722	1.1799
8	Normal Boulevard - at Everett	NB	628	755	1.2022	942	1222	1.2972	1570	1977	1.2592
		SB	1887	2030	1.0758	1656	1932	1.1667	3543	3962	1.1183
		COMB.	2515	2785	1.1074	2598	3154	1.2140	5113	5939	1.1615
9	40th Street - South of "A"	NB	409	467	1.1418	482	591	1.2261	891	1058	1.1874
		SB	367	434	1.1826	527	657	1.2467	894	1091	1.2204
		COMB.	776	901	1.1611	1009	1248	1.2369	1785	2149	1.2039
10	48th Street - South of "A"	NB	517	653	1.2631	593	695	1.1720	1110	1348	1.2144
		SB	382	437	1.1440	603	825	1.3682	985	1262	1.2812
		COMB.	899	1090	1.2125	1196	1520	1.2709	2095	2610	1.2458

TABLE 2: 2006 AVERAGE OCCUPANCY RATES (CONTINUED)

	Location	Direction	AM Peak			PM Peak			AM & PM Combined		
			Total Vehicles	Total Occupants	Average Occupancy	Total Vehicles	Total Occupants	Average Occupancy	Total Vehicles	Total Occupants	Average Occupancy
11	Cotner Blvd. - South of "A"	NB	426	468	1.0986	459	582	1.2680	885	1050	1.1864
		SB	337	381	1.1306	393	491	1.2494	730	872	1.1945
		COMB.	763	849	1.1127	852	1073	1.2594	1615	1922	1.1901
12	56th Street - South of "A"	NB	808	985	1.2191	644	793	1.2314	1452	1778	1.2245
		SB	500	596	1.1920	757	931	1.2299	1257	1527	1.2148
		COMB.	1308	1581	1.2087	1401	1724	1.2305	2709	3305	1.2200
13	70th Street - South of "A"	NB	1464	1873	1.2794	1240	1520	1.2258	2704	3393	1.2548
		SB	1030	1197	1.1621	1693	2103	1.2422	2723	3300	1.2119
		COMB.	2494	3070	1.2310	2933	3623	1.2353	5427	6693	1.2333
14	84th Street - South of "A"	NB	1671	1924	1.1514	1044	1261	1.2079	2715	3185	1.1731
		SB	841	1040	1.2366	1423	1669	1.1729	2264	2709	1.1966
		COMB.	2512	2964	1.1799	2467	2930	1.1877	4979	5894	1.1838
Subtotals ("A" Street Screenline)			19417	22542	1.1609	21331	25936	1.2159	40748	48478	1.1897

TABLE 2: 2006 AVERAGE OCCUPANCY RATES (CONTINUED)

Location	Direction	AM Peak			PM Peak			AM & PM Combined		
		Total Vehicles	Total Occupants	Average Occupancy	Total Vehicles	Total Occupants	Average Occupancy	Total Vehicles	Total Occupants	Average Occupancy
15 Fletcher Ave - East of 27th	EB	370	512	1.3838	465	519	1.1161	835	1031	1.2347
	WB	525	582	1.1086	303	400	1.3201	828	982	1.1860
	COMB.	895	1094	1.2223	768	919	1.1966	1663	2013	1.2105
16 Folkways Blvd - East of 27th	EB	377	694	1.8408	121	176	1.4545	498	870	1.7470
	WB	176	202	1.1477	116	204	1.7586	292	406	1.3904
	COMB.	553	896	1.6203	237	380	1.6034	790	1276	1.6152
17 Superior Street- East of 27th	EB	1195	1403	1.1741	1043	1425	1.3663	2238	2828	1.2636
	WB	902	1016	1.1264	1294	1651	1.2759	2196	2667	1.2145
	COMB.	2097	2419	1.1536	2337	3076	1.3162	4434	5495	1.2393
18 Cornhusker Hwy. - East of 27th	EB	1080	1287	1.1917	1438	1776	1.2350	2518	3063	1.2164
	WB	1012	1111	1.0978	1379	1728	1.2531	2391	2839	1.1874
	COMB.	2092	2398	1.1463	2817	3504	1.2439	4909	5902	1.2023
19 Holdrege St. - East of 27th	EB	427	559	1.3091	642	817	1.2726	1069	1376	1.2872
	WB	606	706	1.1650	721	932	1.2926	1327	1638	1.2344
	COMB.	1033	1265	1.2246	1363	1749	1.2832	2396	3014	1.2579
20 Vine Street - East of 27th	EB	565	690	1.2212	1209	1538	1.2721	1774	2228	1.2559
	WB	978	1123	1.1483	885	1251	1.4136	1863	2374	1.2743
	COMB.	1543	1813	1.1750	2094	2789	1.3319	3637	4602	1.2653
21 "O" Street - East of 27th	EB	482	546	1.1328	841	1264	1.5030	1323	1810	1.3681
	WB	733	846	1.1542	707	1030	1.4569	1440	1876	1.3028
	COMB.	1215	1392	1.1457	1548	2294	1.4819	2763	3686	1.3341
22 Randolph St. - East of 27th	EB	320	374	1.1688	497	567	1.1408	817	941	1.1518
	WB	554	687	1.2401	444	560	1.2613	998	1247	1.2495
	COMB.	874	1061	1.2140	941	1127	1.1977	1815	2188	1.2055

TABLE 2: 2004 AVERAGE OCCUPANCY RATES (CONTINUED)

	Location	Direction	AM Peak			PM Peak			AM & PM Combined		
			Total Vehicles	Total Occupants	Average Occupancy	Total Vehicles	Total Occupants	Average Occupancy	Total Vehicles	Total Occupants	Average Occupancy
23	Capitol Pkwy. - East of 27th	EB	715	850	1.1888	1742	1867	1.0718	2457	2717	1.1058
		WB	1911	2131	1.1151	899	1140	1.2681	2810	3271	1.1641
		COMB.	2626	2981	1.1352	2641	3007	1.1386	5267	5988	1.1369
24	"A" Street - East of 27th	EB	400	448	1.1200	552	688	1.2464	952	1136	1.1933
		WB	362	427	1.1796	547	678	1.2395	909	1105	1.2156
		COMB.	762	875	1.1483	1099	1366	1.2429	1861	2241	1.2042
25	South Street - East of 27th	EB	685	831	1.2131	925	1140	1.2324	1610	1971	1.2242
		WB	731	837	1.1450	809	1062	1.3127	1540	1899	1.2331
		COMB.	1416	1668	1.1780	1734	2202	1.2699	3150	3870	1.2286
26	Sheridan Boulevard - at Van Dorn	EB	151	213	1.4106	380	430	1.1316	531	643	1.2109
		WB	315	356	1.1302	172	223	1.2965	487	579	1.1889
		COMB.	466	569	1.2210	552	653	1.1830	1018	1222	1.2004
27	Nebraska Hwy. - East of 27th	EB	1136	1335	1.1752	1750	2072	1.1840	2886	3407	1.1805
		WB	1893	2067	1.0919	1526	1940	1.2713	3419	4007	1.1720
		COMB.	3029	3402	1.1231	3276	4012	1.2247	6305	7414	1.1759
28	Old Cheney Rd. - East of 27th	EB	1027	1199	1.1675	1331	1576	1.1841	2358	2775	1.1768
		WB	1252	1435	1.1462	1092	1365	1.2500	2344	2800	1.1945
		COMB.	2279	2634	1.1558	2423	2941	1.2138	4702	5575	1.1857
29	Pine Lake Rd. - East of 27th	EB	746	839	1.1247	1111	1386	1.2475	1857	2225	1.1982
		WB	1116	1586	1.4211	859	1173	1.3655	1975	2759	1.3970
		COMB.	1862	2425	1.3024	1970	2559	1.2990	3832	4984	1.3006
Subtotals (27th Street Screenline)			22742	26892	1.1825	25800	32578	1.2627	48542	59470	1.2251
TOTALS (City-Wide)			42159	49434	1.1726	47131	58514	1.2415	89290	107948	1.2090

a For the 2.5 hour count, the vehicle occupancy for the p.m. time period is 1.5250 (EB is 1.6967 and WB is 1.2635).

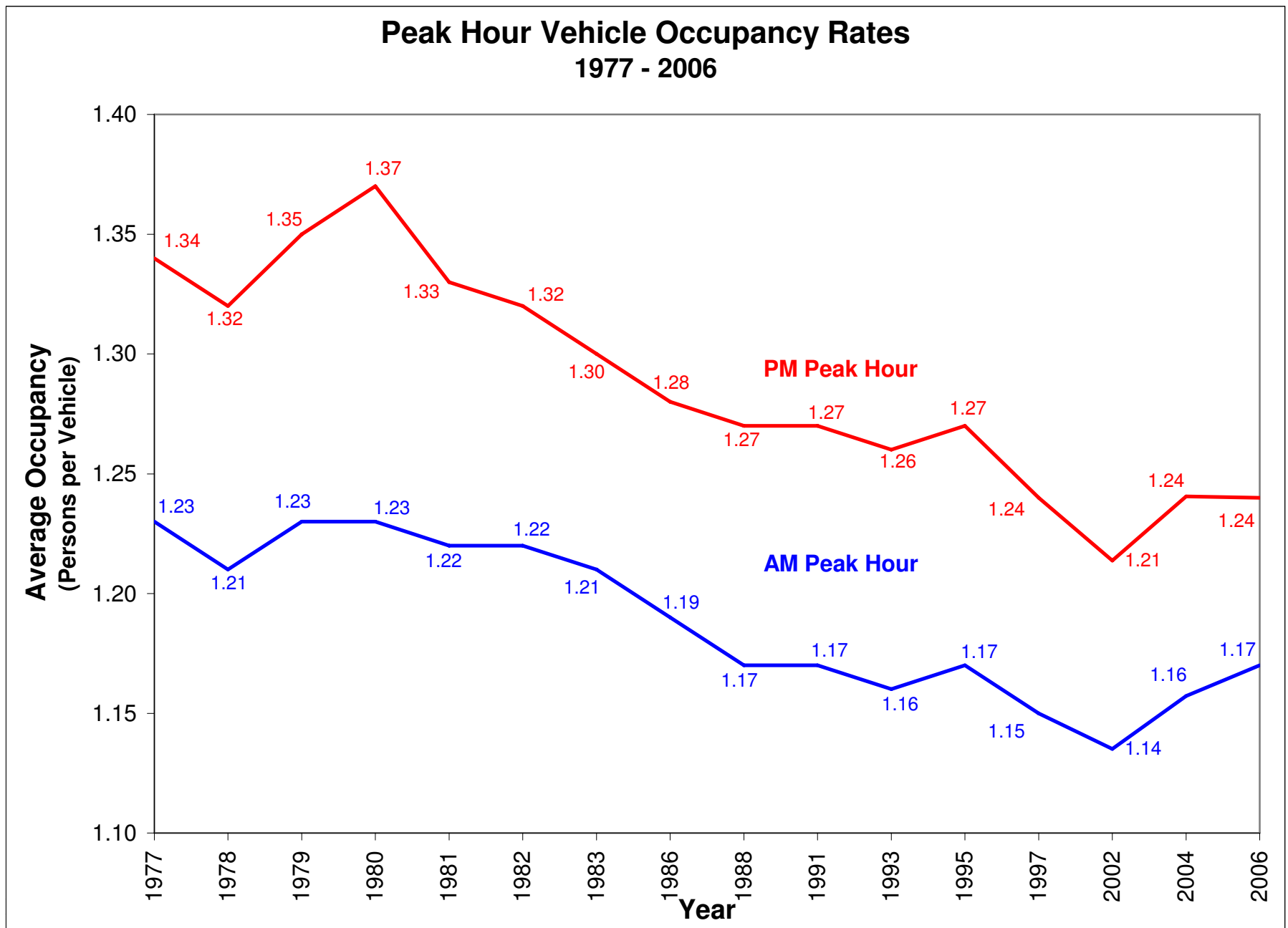


Table 3 - Peak Hour Occupancy Rates (1977-2006)

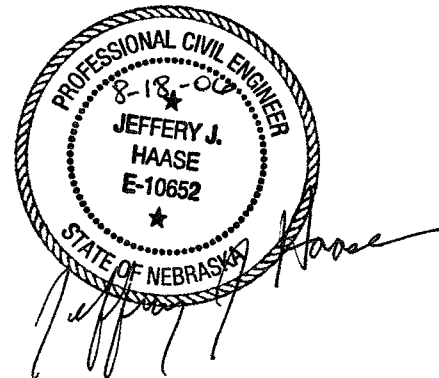
	1977	1978	1979	1980	1981	1982	1983	1986	1988	1991	1993	1995	1997	2002	2004	2006
AM Peak Hour	1.23	1.21	1.23	1.23	1.22	1.22	1.21	1.19	1.17	1.17	1.16	1.17	1.15	1.14	1.16	1.17
PM Peak Hour	1.34	1.32	1.35	1.37	1.33	1.32	1.30	1.28	1.27	1.27	1.26	1.27	1.24	1.21	1.24	1.24

In 2006, the screenline average vehicle occupancy for the two peak periods combined is 1.21 occupants per vehicle. To determine whether the difference in average occupancy rates between 2004 and 2006 is statistically significant or merely due to chance variations that result from sampling, a statistical *t*-test was performed. The results of this test show that there is not a significant difference between the average vehicle occupancies of 2004 and 2006. Calculations for this statistical test can be found in the appendix.

RECOMMENDATIONS

The results of this Screenline Vehicle Occupancy Study show that the average occupancy rate has increased slightly over the last two years. However, the statistical *t*-test reveals that the increase in recent years is not significant.

Because vehicle occupancy rates have remained relatively constant for the last 10-15 years of data collection, it is recommended that screenline vehicle occupancy studies for the City of Lincoln be conducted as part of the Comprehensive Plan update, which normally occurs every five years. However, due to the recent fluctuations in oil and fuel prices, it may be prudent to monitor vehicle occupancy rates on a more frequent basis (say, every two years) to determine the threshold at which vehicle occupancy increases significantly. These results can continue to be used in the project planning activities related to the City's long term transportation improvement program as outlined in the future conditions of mobility and transportation in the Lincoln City-Lancaster County Comprehensive Plan.



APPENDIX

Standard Deviation Calculations

$$SOL = \left[\frac{NI \times \sum_i^{NI} (P_i - OCCL \times VPV_i)^2}{\left(\sum_i^{NI} VPV_i \right)^2} \right]^{\frac{1}{2}}$$

Equation:

where,

SOL = standard deviation across locations,

NI = number of locations = 29 locations, and

all other input values for this equation can be found in the first three pages of the appendix

A.M. Peak

$$SOL = \left[\frac{29 \times 454,566.26}{(42,159)^2} \right]^{\frac{1}{2}} = 0.0861 \text{ occupants/vehicle}$$

P.M. Peak

$$SOL = \left[\frac{29 \times 451,894.76}{(47,131)^2} \right]^{\frac{1}{2}} = 0.0768 \text{ occupants/vehicle}$$

Combined

$$SOL = \left[\frac{29 \times 915,557.18}{(89,290)^2} \right]^{\frac{1}{2}} = 0.0577 \text{ occupants/vehicle}$$

Summary Sheets

**VEHICLE OCCUPANCY STUDY SUMMARY
2006**

<u>AM PEAK</u>		STUDY-WIDE					
Location #	Location Description (NI)	No. of Occupants (Pi)	No. of Vehicles (VPVi)	Average Occupancy (OCCL)	OCCL x VPVi (A)	Pi - (A) (B)	(Pi - (A)) ² (B) ²
1	Coddington Avenue, South of "A" Street	868	684	1.2090	826.93	41.07	1686.88
2	9th Street, South of "A" Street	1268	1130	1.2090	1366.12	-98.12	9628.38
3	10th Street, South of "A" Street	2359	2220	1.2090	2683.89	-324.89	105553.67
4	13th Street, South of "A" Street	1237	1044	1.2090	1262.15	-25.15	632.71
5	16th Street, South of "A" Street	354	306	1.2090	369.94	-15.94	254.14
6	17th Street, South of "A" Street	991	843	1.2090	1019.15	-28.15	792.59
7	27th Street, South of "A" Street	2225	1923	1.2090	2324.83	-99.83	9965.88
8	Normal Boulevard, at Everett	2785	2515	1.2090	3040.53	-255.53	65297.28
9	40th Street, South of "A" Street	901	776	1.2090	938.15	-37.15	1380.32
10	48th Street, South of "A" Street	1090	899	1.2090	1086.85	3.15	9.89
11	Cotner Boulevard, South of "A" Street	849	763	1.2090	922.44	-73.44	5392.87
12	56th Street, South of "A" Street	1581	1308	1.2090	1581.32	-0.32	0.10
13	70th Street, South of "A" Street	3070	2494	1.2090	3015.15	54.85	3009.05
14	84th Street, South of "A" Street	2964	2512	1.2090	3036.91	-72.91	5315.35
15	Fletcher Avenue, East of 27th Street	1094	895	1.2090	1082.02	11.98	143.55
16	Folkways Blvd, East of 27th Street	896	553	1.2090	668.55	227.45	51731.39
17	Superior Street, East of 27th Street	2419	2097	1.2090	2535.19	-116.19	13499.70
18	Cornhusker Hwy., East of 27th Street	2398	2092	1.2090	2529.14	-131.14	17198.60
19	Holdrege Street, East of 27th Street	1265	1033	1.2090	1248.86	16.14	260.65
20	Vine Street, East of 27th Street	1813	1543	1.2090	1865.42	-52.42	2748.34
21	"O" Street, East of 27th Street	1392	1215	1.2090	1468.89	-76.89	5911.44
22	Randolph Street, East of 27th Street	1061	874	1.2090	1056.63	4.37	19.09
23	Capitol Parkway, East of 27th Street	2981	2626	1.2090	3174.73	-193.73	37530.47
24	"A" Street, East of 27th Street	875	762	1.2090	921.23	-46.23	2136.95
25	South Street, East of 27th Street	1668	1416	1.2090	1711.89	-43.89	1926.05
26	Sheridan Boulevard, South of Van Dorn Street	569	466	1.2090	563.38	5.62	31.64
27	Nebraska Hwy 2, East of 27th Street	3402	3029	1.2090	3661.94	-259.94	67568.04
28	Old Cheney Road, East of 27th Street	2634	2279	1.2090	2755.22	-121.22	14694.01
29	Pine Lake Road, East of 27th Street	2425	1862	1.2090	2251.08	173.92	30247.22
		49434	42159	1.1726			454566.26

Standard Deviation = 0.0861

95% Level of Confidence (SD*2) = 0.1722

**VEHICLE OCCUPANCY STUDY SUMMARY
2006**

<u>PM PEAK</u>		STUDY-WIDE					
Location #	Location Description (NI)	No. of Occupants (Pi)	No. of Vehicles (VPVi)	Average Occupancy (OCCL)	OCCL x VPVi (A)	Pi - (A) (B)	(Pi - (A)) ² (B) ²
1	Coddington Avenue, South of "A" Street	953	780	1.2090	942.99	10.01	100.23
2	9th Street, South of "A" Street	2291	1969	1.2090	2380.44	-89.44	7999.76
3	10th Street, South of "A" Street	1660	1411	1.2090	1705.84	-45.84	2101.48
4	13th Street, South of "A" Street	1307	1066	1.2090	1288.75	18.25	333.03
5	16th Street, South of "A" Street	1200	1003	1.2090	1212.59	-12.59	158.42
6	17th Street, South of "A" Street	756	567	1.2090	685.48	70.52	4973.06
7	27th Street, South of "A" Street	2497	2079	1.2090	2513.43	-16.43	269.84
8	Normal Boulevard, at Everett	3154	2598	1.2090	3140.88	13.12	172.21
9	40th Street, South of "A" Street	1248	1009	1.2090	1219.84	28.16	792.97
10	48th Street, South of "A" Street	1520	1196	1.2090	1445.92	74.08	5488.49
11	Cotner Boulevard, South of "A" Street	1073	852	1.2090	1030.03	42.97	1846.12
12	56th Street, South of "A" Street	1724	1401	1.2090	1693.75	30.25	914.92
13	70th Street, South of "A" Street	3623	2933	1.2090	3545.88	77.12	5947.74
14	84th Street, South of "A" Street	2930	2467	1.2090	2982.50	-52.50	2756.59
15	Fletcher Avenue, East of 27th Street	919	768	1.2090	928.48	-9.48	89.89
16	Folkways Blvd, East of 27th Street	380	237	1.2090	286.52	93.48	8737.87
17	Superior Street, East of 27th Street	3076	2337	1.2090	2825.34	250.66	62831.18
18	Cornhusker Hwy., East of 27th Street	3504	2817	1.2090	3405.64	98.36	9674.86
19	Holdrege Street, East of 27th Street	1749	1363	1.2090	1647.81	101.19	10239.03
20	Vine Street, East of 27th Street	2789	2094	1.2090	2531.56	257.44	66274.66
21	"O" Street, East of 27th Street	2294	1548	1.2090	1871.47	422.53	178532.10
22	Randolph Street, East of 27th Street	1127	941	1.2090	1137.63	-10.63	113.02
23	Capitol Parkway, East of 27th Street	3007	2641	1.2090	3192.86	-185.86	34544.77
24	"A" Street, East of 27th Street	1366	1099	1.2090	1328.65	37.35	1395.28
25	South Street, East of 27th Street	2202	1734	1.2090	2096.34	105.66	11164.90
26	Sheridan Boulevard, South of Van Dorn Street	653	552	1.2090	667.35	-14.35	205.80
27	Nebraska Hwy 2, East of 27th Street	4012	3276	1.2090	3960.55	51.45	2646.94
28	Old Cheney Road, East of 27th Street	2941	2423	1.2090	2929.31	11.69	136.68
29	Pine Lake Road, East of 27th Street	2559	1970	1.2090	2381.65	177.35	31452.90
		58514	47131	1.2415			451894.76

Standard Deviation = 0.0768

95% Level of Confidence (SD*2) = 0.1536

**VEHICLE OCCUPANCY STUDY SUMMARY
2006**

COMBINED

Location #	Location Description (NI)	STUDY-WIDE					
		No. of Occupants (Pi)	No. of Vehicles (VPVi)	Average Occupancy (OCCL)	OCCL x VPVi (A)	Pi - (A) (B)	(Pi - (A)) ² (B) ²
1	Coddington Avenue, South of "A" Street	1821	1464	1.2090	1769.92	51.08	2609.49
2	9th Street, South of "A" Street	3559	3099	1.2090	3746.57	-187.57	35180.89
3	10th Street, South of "A" Street	4019	3631	1.2090	4389.73	-370.73	137442.36
4	13th Street, South of "A" Street	2544	2110	1.2090	2550.90	-6.90	47.67
5	16th Street, South of "A" Street	1554	1309	1.2090	1582.53	-28.53	813.85
6	17th Street, South of "A" Street	1747	1410	1.2090	1704.63	42.37	1794.96
7	27th Street, South of "A" Street	4722	4002	1.2090	4838.26	-116.26	13515.50
8	Normal Boulevard, at Everett	5939	5113	1.2090	6181.41	-242.41	58762.74
9	40th Street, South of "A" Street	2149	1785	1.2090	2157.99	-8.99	80.87
10	48th Street, South of "A" Street	2610	2095	1.2090	2532.77	77.23	5964.43
11	Cotner Boulevard, South of "A" Street	1922	1615	1.2090	1952.47	-30.47	928.40
12	56th Street, South of "A" Street	3305	2709	1.2090	3275.07	29.93	895.72
13	70th Street, South of "A" Street	6693	5427	1.2090	6561.02	131.98	17417.77
14	84th Street, South of "A" Street	5894	4979	1.2090	6019.41	-125.41	15727.59
15	Fletcher Avenue, East of 27th Street	2013	1663	1.2090	2010.50	2.50	6.25
16	Folkways Blvd, East of 27th Street	1276	790	1.2090	955.08	320.92	102990.89
17	Superior Street, East of 27th Street	5495	4434	1.2090	5360.53	134.47	18083.06
18	Cornhusker Hwy., East of 27th Street	5902	4909	1.2090	5934.78	-32.78	1074.69
19	Holdrege Street, East of 27th Street	3014	2396	1.2090	2896.67	117.33	13767.00
20	Vine Street, East of 27th Street	4602	3637	1.2090	4396.99	205.01	42030.76
21	"O" Street, East of 27th Street	3686	2763	1.2090	3340.36	345.64	119470.26
22	Randolph Street, East of 27th Street	2188	1815	1.2090	2194.26	-6.26	39.21
23	Capitol Parkway, East of 27th Street	5988	5267	1.2090	6367.59	-379.59	144088.61
24	"A" Street, East of 27th Street	2241	1861	1.2090	2249.87	-8.87	78.74
25	South Street, East of 27th Street	3870	3150	1.2090	3808.22	61.78	3816.44
26	Sheridan Boulevard, South of Van Dorn Street	1222	1018	1.2090	1230.72	-8.72	76.05
27	Nebraska Hwy 2, East of 27th Street	7414	6305	1.2090	7622.49	-208.49	43468.12
28	Old Cheney Road, East of 27th Street	5575	4702	1.2090	5684.53	-109.53	11996.36
29	Pine Lake Road, East of 27th Street	4984	3832	1.2090	4632.73	351.27	123388.45
		107948	89290	1.2090			915557.18

Standard Deviation = 0.0577

95% Level of Confidence (SD*2) = 0.1154

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #1 - Coddington Avenue, South of "A" Street

DATE: 4/7/2006

WEATHER: Rainy, 50°

DAY: Friday

ROAD COND.: Wet

DIRECTION: Northbound/Southbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:30-7:45 AM	181	40	4	3	1	1	0	0	230
7:45-8:00 AM	147	43	8	0	0	0	0	0	198
8:00-8:15 AM	144	20	8	2	0	0	0	0	174
8:15-8:30 AM	70	9	2	0	1	0	0	0	82
TOTAL VEHICLES	542	112	22	5	2	1	0	0	684
TOTAL OCCUPANTS	542	224	66	20	10	6	0	0	868
AVERAGE OCCUPANCY PER VEHICLE =									1.2690

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45PM	146	40	1	0	0	0	0	0	187
4:45-5:00 PM	141	34	3	0	0	0	0	0	178
5:00-5:15 PM	170	35	2	2	0	0	0	0	209
5:15-5:30 PM	162	42	2	0	0	0	0	0	206
TOTAL VEHICLES	619	151	8	2	0	0	0	0	780
TOTAL OCCUPANTS	619	302	24	8	0	0	0	0	953
AVERAGE OCCUPANCY PER VEHICLE =									1.2218

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #1 - Coddington Avenue, South of "A" Street

DATE: 4/7/2006

WEATHER: Rainy, 50°

DAY: Friday

ROAD COND.: Wet

DIRECTION: Northbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:30-7:45 AM	101	24	2	2	0	1	0	0	130
7:45-8:00 AM	87	13	2	0	0	0	0	0	102
8:00-8:15 AM	103	10	1	0	0	0	0	0	114
8:15-8:30 AM	53	3	0	0	1	0	0	0	57
TOTAL VEHICLES	344	50	5	2	1	1	0	0	403
TOTAL OCCUPANTS	344	100	15	8	5	6	0	0	478
AVERAGE OCCUPANCY PER VEHICLE =									1.1861

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45PM	74	26	0	0	0	0	0	0	100
4:45-5:00 PM	60	22	1	0	0	0	0	0	83
5:00-5:15 PM	80	19	1	0	0	0	0	0	100
5:15-5:30 PM	69	24	0	0	0	0	0	0	93
TOTAL VEHICLES	283	91	2	0	0	0	0	0	376
TOTAL OCCUPANTS	283	182	6	0	0	0	0	0	471
AVERAGE OCCUPANCY PER VEHICLE =									1.2527

DIRECTION: Southbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:30-7:45 AM	80	16	2	1	1	0	0	0	100
7:45-8:00 AM	60	30	6	0	0	0	0	0	96
8:00-8:15 AM	41	10	7	2	0	0	0	0	60
8:15-8:30 AM	17	6	2	0	0	0	0	0	25
TOTAL VEHICLES	198	62	17	3	1	0	0	0	281
TOTAL OCCUPANTS	198	124	51	12	5	0	0	0	390
AVERAGE OCCUPANCY PER VEHICLE =									1.3879

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45PM	72	14	1	0	0	0	0	0	87
4:45-5:00 PM	81	12	2	0	0	0	0	0	95
5:00-5:15 PM	90	16	1	2	0	0	0	0	109
5:15-5:30 PM	93	18	2	0	0	0	0	0	113
TOTAL VEHICLES	336	60	6	2	0	0	0	0	404
TOTAL OCCUPANTS	336	120	18	8	0	0	0	0	482
AVERAGE OCCUPANCY PER VEHICLE =									1.1931

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #2 - 9th Street, South of "A" Street
 WEATHER: Lt. Rn., 65°

DATE: 4/24/2006
 DAY: Monday
 ROAD COND.: Dry

DIRECTION: Southbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE									TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+		
7:15-7:30 AM	259	25	1	0	0	0	0	0	0	285
7:30-7:45 AM	282	27	2	2	0	0	0	0	0	313
7:45-8:00 AM	257	38	2	0	1	0	0	0	0	298
8:00-8:15 AM	209	23	1	1	0	0	0	0	0	234
TOTAL VEHICLES	1007	113	6	3	1	0	0	0	0	1130
TOTAL OCCUPANTS	1007	226	18	12	5	0	0	0	0	1268

AVERAGE OCCUPANCY PER VEHICLE = 1.1221

TIME	NUMBER OF OCCUPANTS IN VEHICLE									TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+		
4:30-4:45 PM	460	60	1	1	1	0	0	0	0	523
4:45-5:00 PM	353	63	7	0	1	0	0	0	0	424
5:00-5:15 PM	480	71	7	1	0	0	0	0	0	559
5:15-5:30 PM	389	66	6	2	0	0	0	0	0	463
TOTAL VEHICLES	1682	260	21	4	2	0	0	0	0	1969
TOTAL OCCUPANTS	1682	520	63	16	10	0	0	0	0	2291

AVERAGE OCCUPANCY PER VEHICLE = 1.1635

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #3 - 10th Street, South of "A" Street
 WEATHER: Lt. Rn., 65°

DATE: 4/24/2006
 DAY: Monday
 ROAD COND.: Dry

DIRECTION: Northbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	461	20	1	0	0	0	0	0	482
7:30-7:45 AM	477	49	3	1	0	0	0	0	530
7:45-8:00 AM	651	27	5	2	0	0	0	0	685
8:00-8:15 AM	507	16	0	0	0	0	0	0	523
TOTAL VEHICLES	2096	112	9	3	0	0	0	0	2220
TOTAL OCCUPANTS	2096	224	27	12	0	0	0	0	2359

AVERAGE OCCUPANCY PER VEHICLE = 1.0626

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:15-4:30 PM	252	39	3	0	0	0	0	0	294
4:30-4:45 PM	349	51	8	0	0	0	0	0	408
4:45-5:00 PM	308	54	6	0	0	0	0	0	368
5:00-5:15 PM	280	52	8	1	0	0	0	0	341
TOTAL VEHICLES	1189	196	25	1	0	0	0	0	1411
TOTAL OCCUPANTS	1189	392	75	4	0	0	0	0	1660

AVERAGE OCCUPANCY PER VEHICLE = 1.1765

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #4 - 13th Street, South of "A" Street
WEATHER: Clear, 65°

DATE: 4/4/2006
DAY: Tuesday
ROAD COND.: Dry

DIRECTION: Northbound/Southbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:30-7:45 AM	212	41	4	1	0	0	0	0	258
7:45-8:00 AM	308	52	4	1	0	0	0	2	367
8:00-8:15 AM	218	33	4	0	0	0	0	0	255
8:15-8:30 AM	143	19	2	0	0	0	0	0	164
TOTAL VEHICLES	881	145	14	2	0	0	0	2	1044
TOTAL OCCUPANTS	881	290	42	8	0	0	0	16	1237
AVERAGE OCCUPANCY PER VEHICLE =									1.1849

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	201	50	7	2	0	0	0	0	260
4:45-5:00 PM	189	40	5	3	0	0	0	0	237
5:00-5:15 PM	232	45	7	1	0	0	0	0	285
5:15-5:30 PM	240	38	6	0	0	0	0	0	284
TOTAL VEHICLES	862	173	25	6	0	0	0	0	1066
TOTAL OCCUPANTS	862	346	75	24	0	0	0	0	1307
AVERAGE OCCUPANCY PER VEHICLE =									1.2261

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #4 - 13th Street, South of "A" Street
WEATHER: Clear, 65°

DATE: 4/4/2006
DAY: Tuesday
ROAD COND.: Dry

DIRECTION: Northbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:30-7:45 AM	165	33	3	1	0	0	0	0	202
7:45-8:00 AM	231	46	4	1	0	0	0	0	282
8:00-8:15 AM	168	21	4	0	0	0	0	0	193
8:15-8:30 AM	115	13	2	0	0	0	0	0	130
TOTAL VEHICLES	679	113	13	2	0	0	0	0	807
TOTAL OCCUPANTS	679	226	39	8	0	0	0	0	952
AVERAGE OCCUPANCY PER VEHICLE =									1.1797

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	69	25	3	1	0	0	0	0	98
4:45-5:00 PM	64	15	4	0	0	0	0	0	83
5:00-5:15 PM	61	17	5	0	0	0	0	0	83
5:15-5:30 PM	77	18	3	0	0	0	0	0	98
TOTAL VEHICLES	271	75	15	1	0	0	0	0	362
TOTAL OCCUPANTS	271	150	45	4	0	0	0	0	470
AVERAGE OCCUPANCY PER VEHICLE =									1.2983

DIRECTION: Southbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:30-7:45 AM	47	8	1	0	0	0	0	0	56
7:45-8:00 AM	77	6	0	0	0	0	0	2	85
8:00-8:15 AM	50	12	0	0	0	0	0	0	62
8:15-8:30 AM	28	6	0	0	0	0	0	0	34
TOTAL VEHICLES	202	32	1	0	0	0	0	2	237
TOTAL OCCUPANTS	202	64	3	0	0	0	0	16	285
AVERAGE OCCUPANCY PER VEHICLE =									1.2025

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	132	25	4	1	0	0	0	0	162
4:45-5:00 PM	125	25	1	3	0	0	0	0	154
5:00-5:15 PM	171	28	2	1	0	0	0	0	202
5:15-5:30 PM	163	20	3	0	0	0	0	0	186
TOTAL VEHICLES	591	98	10	5	0	0	0	0	704
TOTAL OCCUPANTS	591	196	30	20	0	0	0	0	837
AVERAGE OCCUPANCY PER VEHICLE =									1.1889

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #5 - 16th Street, South of "A" Street

DATE: 4/25/2006

WEATHER: Cloudy, 40°

DAY: Tuesday

ROAD COND.: Dry

DIRECTION: Southbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:30-7:45 AM	75	10	2	0	0	0	0	0	87
7:45-8:00 AM	84	18	1	0	0	0	0	0	103
8:00-8:15 AM	64	5	1	0	0	0	0	0	70
8:15-8:30 AM	39	7	0	0	0	0	0	0	46
TOTAL VEHICLES	262	40	4	0	0	0	0	0	306
TOTAL OCCUPANTS	262	80	12	0	0	0	0	0	354
AVERAGE OCCUPANCY PER VEHICLE =									1.1569

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	155	36	5	2	0	0	0	0	198
4:45-5:00 PM	177	40	4	0	0	0	0	0	221
5:00-5:15 PM	244	41	4	2	0	0	0	0	291
5:15-5:30 PM	255	34	4	0	0	0	0	0	293
TOTAL VEHICLES	831	151	17	4	0	0	0	0	1003
TOTAL OCCUPANTS	831	302	51	16	0	0	0	0	1200
AVERAGE OCCUPANCY PER VEHICLE =									1.1964

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #6 - 17th Street, South of "A" Street
 WEATHER: Clear, 60°

DATE: 4/26/2006
 DAY: Wednesday
 ROAD COND.: Dry

DIRECTION: Northbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	161	26	1	0	0	0	0	0	188
7:30-7:45 AM	170	34	1	1	0	0	0	0	206
7:45-8:00 AM	197	33	4	2	0	0	0	0	236
8:00-8:15 AM	187	21	4	0	0	1	0	0	213
TOTAL VEHICLES	715	114	10	3	0	1	0	0	843
TOTAL OCCUPANTS	715	228	30	12	0	6	0	0	991
AVERAGE OCCUPANCY PER VEHICLE =									1.1756

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:15-4:30 PM	81	29	3	2	0	0	0	0	115
4:30-4:45 PM	117	24	9	2	0	1	0	0	153
4:45-5:00 PM	120	29	5	2	0	0	0	1	157
5:00-5:15 PM	105	31	6	0	0	0	0	0	142
TOTAL VEHICLES	423	113	23	6	0	1	0	1	567
TOTAL OCCUPANTS	423	226	69	24	0	6	0	8	756
AVERAGE OCCUPANCY PER VEHICLE =									1.3333

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #7 - 27th Street, South of "A" Street
WEATHER: Clear, 75°

DATE: 4/5/2006
DAY: Wednesday
ROAD COND.: Dry

DIRECTION: Northbound/Southbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:30-7:45 AM	408	67	10	2	0	0	0	0	487
7:45-8:00 AM	570	69	6	4	0	0	0	0	649
8:00-8:15 AM	364	51	7	1	0	0	0	0	423
8:15-8:30 AM	319	42	3	0	0	0	0	0	364
TOTAL VEHICLES	1661	229	26	7	0	0	0	0	1923
TOTAL OCCUPANTS	1661	458	78	28	0	0	0	0	2225
AVERAGE OCCUPANCY PER VEHICLE =									1.1570

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	405	69	6	4	0	0	0	0	484
4:45-5:00 PM	407	93	5	2	0	0	0	0	507
5:00-5:15 PM	456	73	9	0	0	0	0	0	538
5:15-5:30 PM	441	95	12	2	0	0	0	0	550
TOTAL VEHICLES	1709	330	32	8	0	0	0	0	2079
TOTAL OCCUPANTS	1709	660	96	32	0	0	0	0	2497
AVERAGE OCCUPANCY PER VEHICLE =									1.2011

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #7 - 27th Street, South of "A" Street
WEATHER: Clear, 75°

DATE: 4/5/2006
DAY: Wednesday
ROAD COND.: Dry

DIRECTION: Northbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:30-7:45 AM	285	32	7	2	0	0	0	0	326
7:45-8:00 AM	431	40	6	3	0	0	0	0	480
8:00-8:15 AM	282	33	5	1	0	0	0	0	321
8:15-8:30 AM	214	29	1	0	0	0	0	0	244
TOTAL VEHICLES	1212	134	19	6	0	0	0	0	1371
TOTAL OCCUPANTS	1212	268	57	24	0	0	0	0	1561
AVERAGE OCCUPANCY PER VEHICLE =									1.1386

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	162	26	3	0	0	0	0	0	191
4:45-5:00 PM	171	38	2	1	0	0	0	0	212
5:00-5:15 PM	173	33	4	0	0	0	0	0	210
5:15-5:30 PM	186	49	5	1	0	0	0	0	241
TOTAL VEHICLES	692	146	14	2	0	0	0	0	854
TOTAL OCCUPANTS	692	292	42	8	0	0	0	0	1034
AVERAGE OCCUPANCY PER VEHICLE =									1.2108

DIRECTION: Southbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:30-7:45 AM	123	35	3	0	0	0	0	0	161
7:45-8:00 AM	139	29	0	1	0	0	0	0	169
8:00-8:15 AM	82	18	2	0	0	0	0	0	102
8:15-8:30 AM	105	13	2	0	0	0	0	0	120
TOTAL VEHICLES	449	95	7	1	0	0	0	0	552
TOTAL OCCUPANTS	449	190	21	4	0	0	0	0	664
AVERAGE OCCUPANCY PER VEHICLE =									1.2029

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	243	43	3	4	0	0	0	0	293
4:45-5:00 PM	236	55	3	1	0	0	0	0	295
5:00-5:15 PM	283	40	5	0	0	0	0	0	328
5:15-5:30 PM	255	46	7	1	0	0	0	0	309
TOTAL VEHICLES	1017	184	18	6	0	0	0	0	1225
TOTAL OCCUPANTS	1017	368	54	24	0	0	0	0	1463
AVERAGE OCCUPANCY PER VEHICLE =									1.1943

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #8 - Normal Boulevard, at Everett, South of "A" Street	AM	PM
WEATHER: AM-Clear, 60°	DATE: 4/6/2006	4/27/2006
PM-Clear, 70°	DAY: Thursday	
DIRECTION: Northbound/Southbound	ROAD COND.: Dry	

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	524	34	3	1	1	0	0	0	563
7:30-7:45 AM	584	71	3	1	0	0	0	0	659
7:45-8:00 AM	659	64	3	1	0	0	0	0	727
8:00-8:15 AM	506	52	7	0	1	0	0	0	566
TOTAL VEHICLES	2273	221	16	3	2	0	0	0	2515
TOTAL OCCUPANTS	2273	442	48	12	10	0	0	0	2785
AVERAGE OCCUPANCY PER VEHICLE =									1.1074

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	470	83	11	2	1	0	1	0	568
4:45-5:00 PM	497	110	10	0	1	0	0	0	618
5:00-5:15 PM	562	93	15	4	0	0	0	0	674
5:15-5:30 PM	606	104	22	6	0	0	0	0	738
TOTAL VEHICLES	2135	390	58	12	2	0	1	0	2598
TOTAL OCCUPANTS	2135	780	174	48	10	0	7	0	3154
AVERAGE OCCUPANCY PER VEHICLE =									1.2140

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #8 - Normal Boulevard, at Everett, South of "A" Street
 WEATHER: AM-Clear, 60°
 PM-Clear, 70°
 DIRECTION: Northbound

AM
DATE: 4/6/2006
DAY: Thursday
PM
4/27/2006
ROAD COND.: Dry

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	101	9	2	1	1	0	0	0	114
7:30-7:45 AM	145	31	2	1	0	0	0	0	179
7:45-8:00 AM	149	24	3	1	0	0	0	0	177
8:00-8:15 AM	130	22	5	0	1	0	0	0	158
TOTAL VEHICLES	525	86	12	3	2	0	0	0	628
TOTAL OCCUPANTS	525	172	36	12	10	0	0	0	755
AVERAGE OCCUPANCY PER VEHICLE =									1.2022

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	163	40	4	1	0	0	0	0	208
4:45-5:00 PM	161	54	8	0	1	0	0	0	224
5:00-5:15 PM	203	48	10	2	0	0	0	0	263
5:15-5:30 PM	187	44	11	5	0	0	0	0	247
TOTAL VEHICLES	714	186	33	8	1	0	0	0	942
TOTAL OCCUPANTS	714	372	99	32	5	0	0	0	1222
AVERAGE OCCUPANCY PER VEHICLE =									1.2972

DIRECTION: Southbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	423	25	1	0	0	0	0	0	449
7:30-7:45 AM	439	40	1	0	0	0	0	0	480
7:45-8:00 AM	510	40	0	0	0	0	0	0	550
8:00-8:15 AM	376	30	2	0	0	0	0	0	408
TOTAL VEHICLES	1748	135	4	0	0	0	0	0	1887
TOTAL OCCUPANTS	1748	270	12	0	0	0	0	0	2030
AVERAGE OCCUPANCY PER VEHICLE =									1.0758

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	307	43	7	1	1	0	1	0	360
4:45-5:00 PM	336	56	2	0	0	0	0	0	394
5:00-5:15 PM	359	45	5	2	0	0	0	0	411
5:15-5:30 PM	419	60	11	1	0	0	0	0	491
TOTAL VEHICLES	1421	204	25	4	1	0	1	0	1656
TOTAL OCCUPANTS	1421	408	75	16	5	0	7	0	1932
AVERAGE OCCUPANCY PER VEHICLE =									1.1667

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #9 - 40th Street, South of "A" Street
WEATHER: Clear, 70°

DATE: 4/27/2006
DAY: Thursday
ROAD COND.: Dry

DIRECTION: Northbound/Southbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	138	13	3	1	0	0	0	0	155
7:30-7:45 AM	191	38	8	0	0	0	0	0	237
7:45-8:00 AM	205	23	4	0	0	0	0	0	232
8:00-8:15 AM	134	18	0	0	0	0	0	0	152
TOTAL VEHICLES	668	92	15	1	0	0	0	0	776
TOTAL OCCUPANTS	668	184	45	4	0	0	0	0	901
AVERAGE OCCUPANCY PER VEHICLE =									1.1611

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	180	45	8	0	1	0	0	0	234
4:45-5:00 PM	200	40	4	3	0	0	0	0	247
5:00-5:15 PM	207	42	4	1	0	0	0	0	254
5:15-5:30 PM	218	48	8	0	0	0	0	0	274
TOTAL VEHICLES	805	175	24	4	1	0	0	0	1009
TOTAL OCCUPANTS	805	350	72	16	5	0	0	0	1248
AVERAGE OCCUPANCY PER VEHICLE =									1.2369

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #9 - 40th Street, South of "A" Street
WEATHER: Clear, 70°

DATE: 4/27/2006
DAY: Thursday
ROAD COND.: Dry

DIRECTION: Northbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	73	6	1	0	0	0	0	0	80
7:30-7:45 AM	90	17	5	0	0	0	0	0	112
7:45-8:00 AM	123	12	1	0	0	0	0	0	136
8:00-8:15 AM	72	9	0	0	0	0	0	0	81
TOTAL VEHICLES	358	44	7	0	0	0	0	0	409
TOTAL OCCUPANTS	358	88	21	0	0	0	0	0	467
AVERAGE OCCUPANCY PER VEHICLE =									1.1418

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	81	26	5	0	0	0	0	0	112
4:45-5:00 PM	98	21	3	1	0	0	0	0	123
5:00-5:15 PM	99	14	1	0	0	0	0	0	114
5:15-5:30 PM	106	27	0	0	0	0	0	0	133
TOTAL VEHICLES	384	88	9	1	0	0	0	0	482
TOTAL OCCUPANTS	384	176	27	4	0	0	0	0	591
AVERAGE OCCUPANCY PER VEHICLE =									1.2261

DIRECTION: Southbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	65	7	2	1	0	0	0	0	75
7:30-7:45 AM	101	21	3	0	0	0	0	0	125
7:45-8:00 AM	82	11	3	0	0	0	0	0	96
8:00-8:15 AM	62	9	0	0	0	0	0	0	71
TOTAL VEHICLES	310	48	8	1	0	0	0	0	367
TOTAL OCCUPANTS	310	96	24	4	0	0	0	0	434
AVERAGE OCCUPANCY PER VEHICLE =									1.1826

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	99	19	3	0	1	0	0	0	122
4:45-5:00 PM	102	19	1	2	0	0	0	0	124
5:00-5:15 PM	108	28	3	1	0	0	0	0	140
5:15-5:30 PM	112	21	8	0	0	0	0	0	141
TOTAL VEHICLES	421	87	15	3	1	0	0	0	527
TOTAL OCCUPANTS	421	174	45	12	5	0	0	0	657
AVERAGE OCCUPANCY PER VEHICLE =									1.2467

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #10 - 48th Street, South of "A" Street

DATE: 4/7/2006

WEATHER: Rainy, 50°

DAY: Friday

ROAD COND.: Wet

DIRECTION: Northbound/Southbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:30-7:45 AM	212	48	4	1	1	0	0	0	266
7:45-8:00 AM	214	50	9	2	0	0	0	0	275
8:00-8:15 AM	163	24	5	0	0	0	0	0	192
8:15-8:30 AM	148	16	2	0	0	0	0	0	166
TOTAL VEHICLES	737	138	20	3	1	0	0	0	899
TOTAL OCCUPANTS	737	276	60	12	5	0	0	0	1090
AVERAGE OCCUPANCY PER VEHICLE =									1.2125

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	250	66	4	0	0	0	0	0	320
4:45-5:00 PM	220	63	10	0	0	0	0	0	293
5:00-5:15 PM	220	63	6	0	0	0	0	0	289
5:15-5:30 PM	218	63	10	3	0	0	0	0	294
TOTAL VEHICLES	908	255	30	3	0	0	0	0	1196
TOTAL OCCUPANTS	908	510	90	12	0	0	0	0	1520
AVERAGE OCCUPANCY PER VEHICLE =									1.2709

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #10 - 48th Street, South of "A" Street

DATE: 4/7/2006

WEATHER: Rainy, 50°

DAY: Friday

ROAD COND.: Wet

DIRECTION: Northbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:30-7:45 AM	123	33	3	1	1	0	0	0	161
7:45-8:00 AM	135	31	9	2	0	0	0	0	177
8:00-8:15 AM	80	14	3	0	0	0	0	0	97
8:15-8:30 AM	68	13	1	0	0	0	0	0	82
TOTAL VEHICLES	406	91	16	3	1	0	0	0	517
TOTAL OCCUPANTS	406	182	48	12	5	0	0	0	653
AVERAGE OCCUPANCY PER VEHICLE =									1.2631

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	142	23	0	0	0	0	0	0	165
4:45-5:00 PM	111	23	2	0	0	0	0	0	136
5:00-5:15 PM	129	23	0	0	0	0	0	0	152
5:15-5:30 PM	114	23	3	0	0	0	0	0	140
TOTAL VEHICLES	496	92	5	0	0	0	0	0	593
TOTAL OCCUPANTS	496	184	15	0	0	0	0	0	695
AVERAGE OCCUPANCY PER VEHICLE =									1.1720

DIRECTION: Southbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:30-7:45 AM	89	15	1	0	0	0	0	0	105
7:45-8:00 AM	79	19	0	0	0	0	0	0	98
8:00-8:15 AM	83	10	2	0	0	0	0	0	95
8:15-8:30 AM	80	3	1	0	0	0	0	0	84
TOTAL VEHICLES	331	47	4	0	0	0	0	0	382
TOTAL OCCUPANTS	331	94	12	0	0	0	0	0	437
AVERAGE OCCUPANCY PER VEHICLE =									1.1440

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	108	43	4	0	0	0	0	0	155
4:45-5:00 PM	109	40	8	0	0	0	0	0	157
5:00-5:15 PM	91	40	6	0	0	0	0	0	137
5:15-5:30 PM	104	40	7	3	0	0	0	0	154
TOTAL VEHICLES	412	163	25	3	0	0	0	0	603
TOTAL OCCUPANTS	412	326	75	12	0	0	0	0	825
AVERAGE OCCUPANCY PER VEHICLE =									1.3682

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #11 - Cotner Boulevard, South of "A" Street
 WEATHER: Rainy, 50°

DATE: 4/7/2006
 DAY: Friday
 ROAD COND.: Wet

DIRECTION: Northbound/Southbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	203	12	1	2	0	0	0	0	218
7:30-7:45 AM	209	26	4	2	0	0	0	0	241
7:45-8:00 AM	156	15	0	0	0	0	0	0	171
8:00-8:15 AM	122	11	0	0	0	0	0	0	133
TOTAL VEHICLES	690	64	5	4	0	0	0	0	763
TOTAL OCCUPANTS	690	128	15	16	0	0	0	0	849
AVERAGE OCCUPANCY PER VEHICLE =									1.1127

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	182	34	7	1	0	0	0	0	224
4:45-5:00 PM	163	38	6	1	0	0	0	0	208
5:00-5:15 PM	167	37	5	1	0	0	0	0	210
5:15-5:30 PM	151	54	2	3	0	0	0	0	210
TOTAL VEHICLES	663	163	20	6	0	0	0	0	852
TOTAL OCCUPANTS	663	326	60	24	0	0	0	0	1073
AVERAGE OCCUPANCY PER VEHICLE =									1.2594

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #11 - Cotner Boulevard, South of "A" Street
WEATHER: Rainy, 50°

DATE: 4/7/2006
DAY: Friday
ROAD COND.: Wet

DIRECTION: Northbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	122	6	0	1	0	0	0	0	129
7:30-7:45 AM	126	17	2	1	0	0	0	0	146
7:45-8:00 AM	89	6	0	0	0	0	0	0	95
8:00-8:15 AM	53	3	0	0	0	0	0	0	56
TOTAL VEHICLES	390	32	2	2	0	0	0	0	426
TOTAL OCCUPANTS	390	64	6	8	0	0	0	0	468
AVERAGE OCCUPANCY PER VEHICLE =									1.0986

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	94	18	5	0	0	0	0	0	117
4:45-5:00 PM	93	20	5	1	0	0	0	0	119
5:00-5:15 PM	90	19	3	0	0	0	0	0	112
5:15-5:30 PM	79	29	1	2	0	0	0	0	111
TOTAL VEHICLES	356	86	14	3	0	0	0	0	459
TOTAL OCCUPANTS	356	172	42	12	0	0	0	0	582
AVERAGE OCCUPANCY PER VEHICLE =									1.2680

DIRECTION: Southbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	81	6	1	1	0	0	0	0	89
7:30-7:45 AM	83	9	2	1	0	0	0	0	95
7:45-8:00 AM	67	9	0	0	0	0	0	0	76
8:00-8:15 AM	69	8	0	0	0	0	0	0	77
TOTAL VEHICLES	300	32	3	2	0	0	0	0	337
TOTAL OCCUPANTS	300	64	9	8	0	0	0	0	381
AVERAGE OCCUPANCY PER VEHICLE =									1.1306

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	88	16	2	1	0	0	0	0	107
4:45-5:00 PM	70	18	1	0	0	0	0	0	89
5:00-5:15 PM	77	18	2	1	0	0	0	0	98
5:15-5:30 PM	72	25	1	1	0	0	0	0	99
TOTAL VEHICLES	307	77	6	3	0	0	0	0	393
TOTAL OCCUPANTS	307	154	18	12	0	0	0	0	491
AVERAGE OCCUPANCY PER VEHICLE =									1.2494

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #12 - 56th Street, South of "A" Street

DATE: 4/3/2006

WEATHER: Cloudy, 50°

DAY: Monday

ROAD COND.: Dry

DIRECTION: Northbound/Southbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	242	38	5	0	0	0	0	0	285
7:30-7:45 AM	284	58	3	2	1	0	0	0	348
7:45-8:00 AM	303	49	12	1	0	0	0	0	365
8:00-8:15 AM	244	58	7	1	0	0	0	0	310
TOTAL VEHICLES	1073	203	27	4	1	0	0	0	1308
TOTAL OCCUPANTS	1073	406	81	16	5	0	0	0	1581
AVERAGE OCCUPANCY PER VEHICLE =									1.2087

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	290	57	10	2	0	0	0	0	359
4:45-5:00 PM	337	54	10	2	0	0	0	0	403
5:00-5:15 PM	239	53	4	2	0	0	0	0	298
5:15-5:30 PM	267	58	13	3	0	0	0	0	341
TOTAL VEHICLES	1133	222	37	9	0	0	0	0	1401
TOTAL OCCUPANTS	1133	444	111	36	0	0	0	0	1724
AVERAGE OCCUPANCY PER VEHICLE =									1.2305

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #12 - 56th Street, South of "A" Street
WEATHER: Cloudy, 50°

DATE: 4/3/2006
DAY: Monday
ROAD COND.: Dry

DIRECTION: Northbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	176	16	4	0	0	0	0	0	196
7:30-7:45 AM	169	40	2	2	0	0	0	0	213
7:45-8:00 AM	170	35	9	1	0	0	0	0	215
8:00-8:15 AM	143	36	4	1	0	0	0	0	184
TOTAL VEHICLES	658	127	19	4	0	0	0	0	808
TOTAL OCCUPANTS	658	254	57	16	0	0	0	0	985
AVERAGE OCCUPANCY PER VEHICLE =									1.2191

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	105	27	3	1	0	0	0	0	136
4:45-5:00 PM	148	22	4	0	0	0	0	0	174
5:00-5:15 PM	123	29	3	1	0	0	0	0	156
5:15-5:30 PM	138	35	5	0	0	0	0	0	178
TOTAL VEHICLES	514	113	15	2	0	0	0	0	644
TOTAL OCCUPANTS	514	226	45	8	0	0	0	0	793
AVERAGE OCCUPANCY PER VEHICLE =									1.2314

DIRECTION: Southbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	66	22	1	0	0	0	0	0	89
7:30-7:45 AM	115	18	1	0	1	0	0	0	135
7:45-8:00 AM	133	14	3	0	0	0	0	0	150
8:00-8:15 AM	101	22	3	0	0	0	0	0	126
TOTAL VEHICLES	415	76	8	0	1	0	0	0	500
TOTAL OCCUPANTS	415	152	24	0	5	0	0	0	596
AVERAGE OCCUPANCY PER VEHICLE =									1.1920

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	185	30	7	1	0	0	0	0	223
4:45-5:00 PM	189	32	6	2	0	0	0	0	229
5:00-5:15 PM	116	24	1	1	0	0	0	0	142
5:15-5:30 PM	129	23	8	3	0	0	0	0	163
TOTAL VEHICLES	619	109	22	7	0	0	0	0	757
TOTAL OCCUPANTS	619	218	66	28	0	0	0	0	931
AVERAGE OCCUPANCY PER VEHICLE =									1.2299

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #13 - 70th Street, South of "A" Street
 WEATHER: Clear, 75°

DATE: 4/10/2006
 DAY: Monday
 ROAD COND.: Dry

DIRECTION: Northbound/Southbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	429	67	22	1	0	0	0	0	519
7:30-7:45 AM	564	138	23	6	1	0	0	0	732
7:45-8:00 AM	617	107	15	10	0	1	0	0	750
8:00-8:15 AM	424	57	9	3	0	0	0	0	493
TOTAL VEHICLES	2034	369	69	20	1	1	0	0	2494
TOTAL OCCUPANTS	2034	738	207	80	5	6	0	0	3070
AVERAGE OCCUPANCY PER VEHICLE =									1.2310

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	547	117	16	1	0	0	0	0	681
4:45-5:00 PM	560	160	13	0	0	0	0	0	733
5:00-5:15 PM	620	145	22	0	1	0	0	0	788
5:15-5:30 PM	602	107	16	5	0	1	0	0	731
TOTAL VEHICLES	2329	529	67	6	1	1	0	0	2933
TOTAL OCCUPANTS	2329	1058	201	24	5	6	0	0	3623
AVERAGE OCCUPANCY PER VEHICLE =									1.2353

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #13 - 70th Street, South of "A" Street
WEATHER: Clear, 75°

DATE: 4/10/2006
DAY: Monday
ROAD COND.: Dry

DIRECTION: Northbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	259	48	20	0	0	0	0	0	327
7:30-7:45 AM	314	106	18	4	1	0	0	0	443
7:45-8:00 AM	341	69	8	7	0	1	0	0	426
8:00-8:15 AM	229	29	7	3	0	0	0	0	268
TOTAL VEHICLES	1143	252	53	14	1	1	0	0	1464
TOTAL OCCUPANTS	1143	504	159	56	5	6	0	0	1873
AVERAGE OCCUPANCY PER VEHICLE =									1.2794

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	214	45	8	0	0	0	0	0	267
4:45-5:00 PM	244	65	4	0	0	0	0	0	313
5:00-5:15 PM	266	51	11	0	1	0	0	0	329
5:15-5:30 PM	273	50	7	0	0	1	0	0	331
TOTAL VEHICLES	997	211	30	0	1	1	0	0	1240
TOTAL OCCUPANTS	997	422	90	0	5	6	0	0	1520
AVERAGE OCCUPANCY PER VEHICLE =									1.2258

DIRECTION: Southbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	170	19	2	1	0	0	0	0	192
7:30-7:45 AM	250	32	5	2	0	0	0	0	289
7:45-8:00 AM	276	38	7	3	0	0	0	0	324
8:00-8:15 AM	195	28	2	0	0	0	0	0	225
TOTAL VEHICLES	891	117	16	6	0	0	0	0	1030
TOTAL OCCUPANTS	891	234	48	24	0	0	0	0	1197
AVERAGE OCCUPANCY PER VEHICLE =									1.1621

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	333	72	8	1	0	0	0	0	414
4:45-5:00 PM	316	95	9	0	0	0	0	0	420
5:00-5:15 PM	354	94	11	0	0	0	0	0	459
5:15-5:30 PM	329	57	9	5	0	0	0	0	400
TOTAL VEHICLES	1332	318	37	6	0	0	0	0	1693
TOTAL OCCUPANTS	1332	636	111	24	0	0	0	0	2103
AVERAGE OCCUPANCY PER VEHICLE =									1.2422

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #14 - 84th Street, South of "A" Street
WEATHER: Clear,75°

DATE: 4/5/2006
DAY: Wednesday
ROAD COND.: Dry

DIRECTION: Northbound/Southbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	473	61	4	3	0	0	0	0	541
7:30-7:45 AM	582	115	10	2	0	0	0	0	709
7:45-8:00 AM	654	95	26	4	2	0	0	0	781
8:00-8:15 AM	424	48	9	0	0	0	0	0	481
TOTAL VEHICLES	2133	319	49	9	2	0	0	0	2512
TOTAL OCCUPANTS	2133	638	147	36	10	0	0	0	2964
AVERAGE OCCUPANCY PER VEHICLE =									1.1799

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:45-5:00 PM	497	69	8	3	0	0	0	0	577
5:00-5:15 PM	553	95	8	1	0	0	0	0	657
5:15-5:30 PM	533	85	10	3	1	0	0	0	632
5:30-5:45 PM	480	107	12	2	0	0	0	0	601
TOTAL VEHICLES	2063	356	38	9	1	0	0	0	2467
TOTAL OCCUPANTS	2063	712	114	36	5	0	0	0	2930
AVERAGE OCCUPANCY PER VEHICLE =									1.1877

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #14 - 84th Street, South of "A" Street
WEATHER: Clear,75°

DATE: 4/5/2006
DAY: Wednesday
ROAD COND.: Dry

DIRECTION: Northbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
7:15-7:30 AM	322	34	2	0	0	0	0	0	358
7:30-7:45 AM	411	78	7	0	0	0	0	0	496
7:45-8:00 AM	445	57	14	0	0	0	0	0	516
8:00-8:15 AM	268	28	5	0	0	0	0	0	301
TOTAL VEHICLES	1446	197	28	0	0	0	0	0	1671
TOTAL OCCUPANTS	1446	394	84	0	0	0	0	0	1924
AVERAGE OCCUPANCY PER VEHICLE =									1.1514

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
4:45-5:00 PM	228	35	5	3	0	0	0	0	271
5:00-5:15 PM	232	39	3	0	0	0	0	0	274
5:15-5:30 PM	210	40	4	1	1	0	0	0	256
5:30-5:45 PM	188	47	8	0	0	0	0	0	243
TOTAL VEHICLES	858	161	20	4	1	0	0	0	1044
TOTAL OCCUPANTS	858	322	60	16	5	0	0	0	1261
AVERAGE OCCUPANCY PER VEHICLE =									1.2079

DIRECTION: Southbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
7:15-7:30 AM	151	27	2	3	0	0	0	0	183
7:30-7:45 AM	171	37	3	2	0	0	0	0	213
7:45-8:00 AM	209	38	12	4	2	0	0	0	265
8:00-8:15 AM	156	20	4	0	0	0	0	0	180
TOTAL VEHICLES	687	122	21	9	2	0	0	0	841
TOTAL OCCUPANTS	687	244	63	36	10	0	0	0	1040
AVERAGE OCCUPANCY PER VEHICLE =									1.2366

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
4:45-5:00 PM	269	34	3	0	0	0	0	0	306
5:00-5:15 PM	321	56	5	1	0	0	0	0	383
5:15-5:30 PM	323	45	6	2	0	0	0	0	376
5:30-5:45 PM	292	60	4	2	0	0	0	0	358
TOTAL VEHICLES	1205	195	18	5	0	0	0	0	1423
TOTAL OCCUPANTS	1205	390	54	20	0	0	0	0	1669
AVERAGE OCCUPANCY PER VEHICLE =									1.1729

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #15 - Fletcher Avenue, East of 27th Street
 WEATHER: Clear, 75°

DATE: 4/10/2006
 DAY: Monday
 ROAD COND.: Dry

DIRECTION: Eastbound/Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	161	28	5	2	0	0	0	0	196
7:30-7:45 AM	217	58	9	3	1	0	0	0	288
7:45-8:00 AM	228	44	5	1	0	0	0	0	278
8:00-8:15 AM	124	9	0	0	0	0	0	0	133
TOTAL VEHICLES	730	139	19	6	1	0	0	0	895
TOTAL OCCUPANTS	730	278	57	24	5	0	0	0	1094
AVERAGE OCCUPANCY PER VEHICLE =									1.2223

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:45-5:00 PM	121	26	6	0	1	0	0	0	154
5:00-5:15 PM	173	25	3	0	0	0	0	0	201
5:15-5:30 PM	187	31	4	1	0	0	0	0	223
5:30-5:45 PM	157	30	3	0	0	0	0	0	190
TOTAL VEHICLES	638	112	16	1	1	0	0	0	768
TOTAL OCCUPANTS	638	224	48	4	5	0	0	0	919
AVERAGE OCCUPANCY PER VEHICLE =									1.1966

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #15 - Fletcher Avenue, East of 27th Street
 WEATHER: Clear, 75°

DATE: 4/10/2006
 DAY: Monday
 ROAD COND.: Dry

DIRECTION: Eastbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	50	14	4	1	0	0	0	0	69
7:30-7:45 AM	73	50	8	2	1	0	0	0	134
7:45-8:00 AM	82	30	3	1	0	0	0	0	116
8:00-8:15 AM	49	2	0	0	0	0	0	0	51
TOTAL VEHICLES	254	96	15	4	1	0	0	0	370
TOTAL OCCUPANTS	254	192	45	16	5	0	0	0	512
AVERAGE OCCUPANCY PER VEHICLE =									1.3838

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:45-5:00 PM	83	10	5	0	0	0	0	0	98
5:00-5:15 PM	104	9	3	0	0	0	0	0	116
5:15-5:30 PM	126	9	0	0	0	0	0	0	135
5:30-5:45 PM	106	10	0	0	0	0	0	0	116
TOTAL VEHICLES	419	38	8	0	0	0	0	0	465
TOTAL OCCUPANTS	419	76	24	0	0	0	0	0	519
AVERAGE OCCUPANCY PER VEHICLE =									1.1161

DIRECTION: Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	111	14	1	1	0	0	0	0	127
7:30-7:45 AM	144	8	1	1	0	0	0	0	154
7:45-8:00 AM	146	14	2	0	0	0	0	0	162
8:00-8:15 AM	75	7	0	0	0	0	0	0	82
TOTAL VEHICLES	476	43	4	2	0	0	0	0	525
TOTAL OCCUPANTS	476	86	12	8	0	0	0	0	582
AVERAGE OCCUPANCY PER VEHICLE =									1.1086

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:45-5:00 PM	38	16	1	0	1	0	0	0	56
5:00-5:15 PM	69	16	0	0	0	0	0	0	85
5:15-5:30 PM	61	22	4	1	0	0	0	0	88
5:30-5:45 PM	51	20	3	0	0	0	0	0	74
TOTAL VEHICLES	219	74	8	1	1	0	0	0	303
TOTAL OCCUPANTS	219	148	24	4	5	0	0	0	400
AVERAGE OCCUPANCY PER VEHICLE =									1.3201

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #16 - Folkways, East of 27th Street
 WEATHER: Clear, 75°

DATE: 4/12/2006
 DAY: Wednesday
 ROAD COND.: Dry

DIRECTION: Eastbound/Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	62	25	9	2	0	1	0	0	99
7:30-7:45 AM	99	70	33	11	0	0	0	0	213
7:45-8:00 AM	119	63	16	5	0	0	0	0	203
8:00-8:15 AM	30	6	2	0	0	0	0	0	38
TOTAL VEHICLES	310	164	60	18	0	1	0	0	553
TOTAL OCCUPANTS	310	328	180	72	0	6	0	0	896
AVERAGE OCCUPANCY PER VEHICLE =									1.6203

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	32	14	7	2	0	0	0	0	55
4:45-5:00 PM	45	11	3	1	0	0	0	0	60
5:00-5:15 PM	36	12	4	0	0	0	0	0	52
5:15-5:30 PM	34	18	3	15	0	0	0	0	70
TOTAL VEHICLES	147	55	17	18	0	0	0	0	237
TOTAL OCCUPANTS	147	110	51	72	0	0	0	0	380
AVERAGE OCCUPANCY PER VEHICLE =									1.6034

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #16 - Folkways, East of 27th Street
WEATHER: Clear, 75°

DATE: 4/12/2006
DAY: Wednesday
ROAD COND.: Dry

DIRECTION: Eastbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	34	19	9	2	0	1	0	0	65
7:30-7:45 AM	61	63	33	11	0	0	0	0	168
7:45-8:00 AM	49	55	16	5	0	0	0	0	125
8:00-8:15 AM	15	3	1	0	0	0	0	0	19
TOTAL VEHICLES	159	140	59	18	0	1	0	0	377
TOTAL OCCUPANTS	159	280	177	72	0	6	0	0	694

AVERAGE OCCUPANCY PER VEHICLE = 1.8408

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	20	7	4	0	0	0	0	0	31
4:45-5:00 PM	28	4	1	1	0	0	0	0	34
5:00-5:15 PM	15	5	2	0	0	0	0	0	22
5:15-5:30 PM	19	10	3	2	0	0	0	0	34
TOTAL VEHICLES	82	26	10	3	0	0	0	0	121
TOTAL OCCUPANTS	82	52	30	12	0	0	0	0	176

AVERAGE OCCUPANCY PER VEHICLE = 1.4545

DIRECTION: Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	28	6	0	0	0	0	0	0	34
7:30-7:45 AM	38	7	0	0	0	0	0	0	45
7:45-8:00 AM	70	8	0	0	0	0	0	0	78
8:00-8:15 AM	15	3	1	0	0	0	0	0	19
TOTAL VEHICLES	151	24	1	0	0	0	0	0	176
TOTAL OCCUPANTS	151	48	3	0	0	0	0	0	202

AVERAGE OCCUPANCY PER VEHICLE = 1.1477

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	12	7	3	2	0	0	0	0	24
4:45-5:00 PM	17	7	2	0	0	0	0	0	26
5:00-5:15 PM	21	7	2	0	0	0	0	0	30
5:15-5:30 PM	15	8	0	13	0	0	0	0	36
TOTAL VEHICLES	65	29	7	15	0	0	0	0	116
TOTAL OCCUPANTS	65	58	21	60	0	0	0	0	204

AVERAGE OCCUPANCY PER VEHICLE = 1.7586

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #17 - Superior Street, East of 27th Street
WEATHER: Clear, 70°

DATE: 4/21/2006
DAY: Friday
ROAD COND.: Dry

DIRECTION: Eastbound/Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	446	58	5	0	0	0	0	0	509
7:30-7:45 AM	490	90	16	2	0	0	0	0	598
7:45-8:00 AM	486	71	5	1	0	0	0	0	563
8:00-8:15 AM	387	38	2	0	0	0	0	0	427
TOTAL VEHICLES	1809	257	28	3	0	0	0	0	2097
TOTAL OCCUPANTS	1809	514	84	12	0	0	0	0	2419
AVERAGE OCCUPANCY PER VEHICLE =									1.1536

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	427	121	13	4	1	1	0	0	567
4:45-5:00 PM	436	117	18	3	0	0	0	0	574
5:00-5:15 PM	423	155	25	3	1	0	0	0	607
5:15-5:30 PM	428	138	17	5	1	0	0	0	589
TOTAL VEHICLES	1714	531	73	15	3	1	0	0	2337
TOTAL OCCUPANTS	1714	1062	219	60	15	6	0	0	3076
AVERAGE OCCUPANCY PER VEHICLE =									1.3162

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #17 - Superior Street, East of 27th Street
WEATHER: Clear, 70°

DATE: 4/21/2006
DAY: Friday
ROAD COND.: Dry

DIRECTION: Eastbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	284	44	4	0	0	0	0	0	332
7:30-7:45 AM	288	58	11	2	0	0	0	0	359
7:45-8:00 AM	247	42	3	1	0	0	0	0	293
8:00-8:15 AM	193	17	1	0	0	0	0	0	211
TOTAL VEHICLES	1012	161	19	3	0	0	0	0	1195
TOTAL OCCUPANTS	1012	322	57	12	0	0	0	0	1403
AVERAGE OCCUPANCY PER VEHICLE =									1.1741

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	199	52	7	2	1	1	0	0	262
4:45-5:00 PM	189	60	12	1	0	0	0	0	262
5:00-5:15 PM	170	72	14	2	1	0	0	0	259
5:15-5:30 PM	176	69	11	3	1	0	0	0	260
TOTAL VEHICLES	734	253	44	8	3	1	0	0	1043
TOTAL OCCUPANTS	734	506	132	32	15	6	0	0	1425
AVERAGE OCCUPANCY PER VEHICLE =									1.3663

DIRECTION: Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	162	14	1	0	0	0	0	0	177
7:30-7:45 AM	202	32	5	0	0	0	0	0	239
7:45-8:00 AM	239	29	2	0	0	0	0	0	270
8:00-8:15 AM	194	21	1	0	0	0	0	0	216
TOTAL VEHICLES	797	96	9	0	0	0	0	0	902
TOTAL OCCUPANTS	797	192	27	0	0	0	0	0	1016
AVERAGE OCCUPANCY PER VEHICLE =									1.1264

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	228	69	6	2	0	0	0	0	305
4:45-5:00 PM	247	57	6	2	0	0	0	0	312
5:00-5:15 PM	253	83	11	1	0	0	0	0	348
5:15-5:30 PM	252	69	6	2	0	0	0	0	329
TOTAL VEHICLES	980	278	29	7	0	0	0	0	1294
TOTAL OCCUPANTS	980	556	87	28	0	0	0	0	1651
AVERAGE OCCUPANCY PER VEHICLE =									1.2759

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #18 - Cornhusker Hwy., East of 27th Street
 WEATHER: Clear, 85°

DATE: 4/13/2006
 DAY: Thursday
 ROAD COND.: Dry

DIRECTION: Eastbound/Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	469	48	5	1	0	0	0	0	523
7:30-7:45 AM	483	69	13	7	0	0	0	1	573
7:45-8:00 AM	509	51	10	1	0	1	0	0	572
8:00-8:15 AM	386	34	3	1	0	0	0	0	424
TOTAL VEHICLES	1847	202	31	10	0	1	0	1	2092
TOTAL OCCUPANTS	1847	404	93	40	0	6	0	8	2398
AVERAGE OCCUPANCY PER VEHICLE =									1.1463

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	519	127	13	1	1	0	0	0	661
4:45-5:00 PM	545	122	25	1	0	0	0	0	693
5:00-5:15 PM	585	129	12	4	0	0	0	0	730
5:15-5:30 PM	585	121	18	6	3	0	0	0	733
TOTAL VEHICLES	2234	499	68	12	4	0	0	0	2817
TOTAL OCCUPANTS	2234	998	204	48	20	0	0	0	3504
AVERAGE OCCUPANCY PER VEHICLE =									1.2439

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #18 - Cornhusker Hwy., East of 27th Street
WEATHER: Clear, 85°

DATE: 4/13/2006
DAY: Thursday
ROAD COND.: Dry

DIRECTION: Eastbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	213	28	4	1	0	0	0	0	246
7:30-7:45 AM	237	45	10	5	0	0	0	1	298
7:45-8:00 AM	287	36	6	1	0	1	0	0	331
8:00-8:15 AM	185	16	3	1	0	0	0	0	205
TOTAL VEHICLES	922	125	23	8	0	1	0	1	1080
TOTAL OCCUPANTS	922	250	69	32	0	6	0	8	1287
AVERAGE OCCUPANCY PER VEHICLE =									1.1917

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	247	69	8	1	1	0	0	0	326
4:45-5:00 PM	295	51	10	0	0	0	0	0	356
5:00-5:15 PM	319	65	8	3	0	0	0	0	395
5:15-5:30 PM	298	48	10	3	2	0	0	0	361
TOTAL VEHICLES	1159	233	36	7	3	0	0	0	1438
TOTAL OCCUPANTS	1159	466	108	28	15	0	0	0	1776
AVERAGE OCCUPANCY PER VEHICLE =									1.2350

DIRECTION: Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	256	20	1	0	0	0	0	0	277
7:30-7:45 AM	246	24	3	2	0	0	0	0	275
7:45-8:00 AM	222	15	4	0	0	0	0	0	241
8:00-8:15 AM	201	18	0	0	0	0	0	0	219
TOTAL VEHICLES	925	77	8	2	0	0	0	0	1012
TOTAL OCCUPANTS	925	154	24	8	0	0	0	0	1111
AVERAGE OCCUPANCY PER VEHICLE =									1.0978

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	272	58	5	0	0	0	0	0	335
4:45-5:00 PM	250	71	15	1	0	0	0	0	337
5:00-5:15 PM	266	64	4	1	0	0	0	0	335
5:15-5:30 PM	287	73	8	3	1	0	0	0	372
TOTAL VEHICLES	1075	266	32	5	1	0	0	0	1379
TOTAL OCCUPANTS	1075	532	96	20	5	0	0	0	1728
AVERAGE OCCUPANCY PER VEHICLE =									1.2531

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #19 - Holdrege Street, East of 27th Street
 WEATHER: Clear, 70°

DATE: 4/27/2006
 DAY: Thursday
 ROAD COND.: Dry

DIRECTION: Eastbound/Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:30-7:45 AM	231	37	7	6	0	0	0	0	281
7:45-8:00 AM	250	40	13	1	0	0	0	0	304
8:00-8:15 AM	208	38	9	3	0	0	0	0	258
8:15-8:30 AM	163	25	2	0	0	0	0	0	190
TOTAL VEHICLES	852	140	31	10	0	0	0	0	1033
TOTAL OCCUPANTS	852	280	93	40	0	0	0	0	1265
AVERAGE OCCUPANCY PER VEHICLE =									1.2246

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:45-5:00 PM	282	60	12	1	1	0	0	0	356
5:00-5:15 PM	292	61	10	2	1	0	0	0	366
5:15-5:30 PM	264	78	10	4	0	0	0	0	356
5:30-5:45 PM	208	68	4	3	1	1	0	0	285
TOTAL VEHICLES	1046	267	36	10	3	1	0	0	1363
TOTAL OCCUPANTS	1046	534	108	40	15	6	0	0	1749
AVERAGE OCCUPANCY PER VEHICLE =									1.2832

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #19 - Holdrege Street, East of 27th Street
WEATHER: Clear, 70°

DATE: 4/27/2006
DAY: Thursday
ROAD COND.: Dry

DIRECTION: Eastbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:30-7:45 AM	92	14	4	4	0	0	0	0	114
7:45-8:00 AM	99	20	11	1	0	0	0	0	131
8:00-8:15 AM	72	19	5	3	0	0	0	0	99
8:15-8:30 AM	69	13	1	0	0	0	0	0	83
TOTAL VEHICLES	332	66	21	8	0	0	0	0	427
TOTAL OCCUPANTS	332	132	63	32	0	0	0	0	559
AVERAGE OCCUPANCY PER VEHICLE =									1.3091

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:45-5:00 PM	140	28	9	0	1	0	0	0	178
5:00-5:15 PM	133	27	5	0	1	0	0	0	166
5:15-5:30 PM	133	34	5	1	0	0	0	0	173
5:30-5:45 PM	96	24	3	1	1	0	0	0	125
TOTAL VEHICLES	502	113	22	2	3	0	0	0	642
TOTAL OCCUPANTS	502	226	66	8	15	0	0	0	817
AVERAGE OCCUPANCY PER VEHICLE =									1.2726

DIRECTION: Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:30-7:45 AM	139	23	3	2	0	0	0	0	167
7:45-8:00 AM	151	20	2	0	0	0	0	0	173
8:00-8:15 AM	136	19	4	0	0	0	0	0	159
8:15-8:30 AM	94	12	1	0	0	0	0	0	107
TOTAL VEHICLES	520	74	10	2	0	0	0	0	606
TOTAL OCCUPANTS	520	148	30	8	0	0	0	0	706
AVERAGE OCCUPANCY PER VEHICLE =									1.1650

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:45-5:00 PM	142	32	3	1	0	0	0	0	178
5:00-5:15 PM	159	34	5	2	0	0	0	0	200
5:15-5:30 PM	131	44	5	3	0	0	0	0	183
5:30-5:45 PM	112	44	1	2	0	1	0	0	160
TOTAL VEHICLES	544	154	14	8	0	1	0	0	721
TOTAL OCCUPANTS	544	308	42	32	0	6	0	0	932
AVERAGE OCCUPANCY PER VEHICLE =									1.2926

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #20 - Vine Street, East of 27th Street
 WEATHER: 4/21/06 - Clear, 70°
 5/5/06 - Clear, 60°
 DIRECTION: Eastbound/Westbound

AM, PM-EB PM-WB
 DATE: 4/21/2006 5/5/2006
 DAY: Friday
 ROAD COND.: Dry

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	279	44	6	2	0	0	0	0	331
7:30-7:45 AM	324	64	8	1	0	0	0	0	397
7:45-8:00 AM	416	46	10	2	0	0	0	0	474
8:00-8:15 AM	296	40	2	3	0	0	0	0	341
TOTAL VEHICLES	1315	194	26	8	0	0	0	0	1543
TOTAL OCCUPANTS	1315	388	78	32	0	0	0	0	1813
AVERAGE OCCUPANCY PER VEHICLE =									1.1750

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	408	132	23	7	1	0	0	0	571
4:45-5:00 PM	336	115	13	4	1	1	0	0	470
5:00-5:15 PM	385	113	13	2	0	0	0	0	513
5:15-5:30 PM	393	117	23	6	1	0	0	0	540
TOTAL VEHICLES	1522	477	72	19	3	1	0	0	2094
TOTAL OCCUPANTS	1522	954	216	76	15	6	0	0	2789
AVERAGE OCCUPANCY PER VEHICLE =									1.3319

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #20 - Vine Street, East of 27th Street
 WEATHER: 4/21/06 - Clear, 70°
 5/5/06 - Clear, 60°
 DIRECTION: Eastbound

AM, PM-EB PM-WB
 DATE: 4/21/2006 5/5/2006
 DAY: Friday
 ROAD COND.: Dry

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	86	11	5	2	0	0	0	0	104
7:30-7:45 AM	129	33	4	1	0	0	0	0	167
7:45-8:00 AM	141	14	7	0	0	0	0	0	162
8:00-8:15 AM	109	21	1	1	0	0	0	0	132
TOTAL VEHICLES	465	79	17	4	0	0	0	0	565
TOTAL OCCUPANTS	465	158	51	16	0	0	0	0	690
AVERAGE OCCUPANCY PER VEHICLE =									1.2212

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	252	57	10	6	0	0	0	0	325
4:45-5:00 PM	213	56	5	3	1	1	0	0	279
5:00-5:15 PM	230	58	7	1	0	0	0	0	296
5:15-5:30 PM	245	56	6	1	1	0	0	0	309
TOTAL VEHICLES	940	227	28	11	2	1	0	0	1209
TOTAL OCCUPANTS	940	454	84	44	10	6	0	0	1538
AVERAGE OCCUPANCY PER VEHICLE =									1.2721

DIRECTION: Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	193	33	1	0	0	0	0	0	227
7:30-7:45 AM	195	31	4	0	0	0	0	0	230
7:45-8:00 AM	275	32	3	2	0	0	0	0	312
8:00-8:15 AM	187	19	1	2	0	0	0	0	209
TOTAL VEHICLES	850	115	9	4	0	0	0	0	978
TOTAL OCCUPANTS	850	230	27	16	0	0	0	0	1123
AVERAGE OCCUPANCY PER VEHICLE =									1.1483

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	156	75	13	1	1	0	0	0	246
4:45-5:00 PM	123	59	8	1	0	0	0	0	191
5:00-5:15 PM	155	55	6	1	0	0	0	0	217
5:15-5:30 PM	148	61	17	5	0	0	0	0	231
TOTAL VEHICLES	582	250	44	8	1	0	0	0	885
TOTAL OCCUPANTS	582	500	132	32	5	0	0	0	1251
AVERAGE OCCUPANCY PER VEHICLE =									1.4136

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #21 - "O" Street, East of 27th Street
 WEATHER: Clear, 70°

DATE: 4/21/2006
 DAY: Friday
 ROAD COND.: Dry

DIRECTION: Eastbound/Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	222	27	1	2	0	0	0	0	252
7:30-7:45 AM	262	48	7	3	0	0	0	0	320
7:45-8:00 AM	327	33	3	1	0	0	0	0	364
8:00-8:15 AM	252	26	0	1	0	0	0	0	279
TOTAL VEHICLES	1063	134	11	7	0	0	0	0	1215
TOTAL OCCUPANTS	1063	268	33	28	0	0	0	0	1392
AVERAGE OCCUPANCY PER VEHICLE =									1.1457

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:45-5:00 PM	241	105	17	9	0	0	0	0	372
5:00-5:15 PM	276	100	22	5	1	0	0	0	404
5:15-5:30 PM	242	105	23	5	2	1	1	0	379
5:30-5:45 PM	230	115	33	12	1	1	1	0	393
TOTAL VEHICLES	989	425	95	31	4	2	2	0	1548
TOTAL OCCUPANTS	989	850	285	124	20	12	14	0	2294
AVERAGE OCCUPANCY PER VEHICLE =									1.4819

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #21 - "O" Street, East of 27th Street
WEATHER: Clear, 70°

DATE: 4/21/2006
DAY: Friday
ROAD COND.: Dry

DIRECTION: Eastbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	80	14	1	0	0	0	0	0	95
7:30-7:45 AM	94	16	1	0	0	0	0	0	111
7:45-8:00 AM	139	13	1	0	0	0	0	0	153
8:00-8:15 AM	108	15	0	0	0	0	0	0	123
TOTAL VEHICLES	421	58	3	0	0	0	0	0	482
TOTAL OCCUPANTS	421	116	9	0	0	0	0	0	546
AVERAGE OCCUPANCY PER VEHICLE =									1.1328

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:45-5:00 PM	119	52	6	7	0	0	0	0	184
5:00-5:15 PM	148	58	16	3	1	0	0	0	226
5:15-5:30 PM	147	57	13	3	2	0	0	0	222
5:30-5:45 PM	118	63	17	9	0	1	1	0	209
TOTAL VEHICLES	532	230	52	22	3	1	1	0	841
TOTAL OCCUPANTS	532	460	156	88	15	6	7	0	1264
AVERAGE OCCUPANCY PER VEHICLE =									1.5030

DIRECTION: Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	142	13	0	2	0	0	0	0	157
7:30-7:45 AM	168	32	6	3	0	0	0	0	209
7:45-8:00 AM	188	20	2	1	0	0	0	0	211
8:00-8:15 AM	144	11	0	1	0	0	0	0	156
TOTAL VEHICLES	642	76	8	7	0	0	0	0	733
TOTAL OCCUPANTS	642	152	24	28	0	0	0	0	846
AVERAGE OCCUPANCY PER VEHICLE =									1.1542

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:45-5:00 PM	122	53	11	2	0	0	0	0	188
5:00-5:15 PM	128	42	6	2	0	0	0	0	178
5:15-5:30 PM	95	48	10	2	0	1	1	0	157
5:30-5:45 PM	112	52	16	3	1	0	0	0	184
TOTAL VEHICLES	457	195	43	9	1	1	1	0	707
TOTAL OCCUPANTS	457	390	129	36	5	6	7	0	1030
AVERAGE OCCUPANCY PER VEHICLE =									1.4569

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #22 - Randolph Street, East of 27th Street
 WEATHER: Lt. Rn., 60°

DATE: 4/24/2006
 DAY: Monday
 ROAD COND.: Wet

DIRECTION: Eastbound/Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	145	26	4	0	4	1	0	0	180
7:30-7:45 AM	213	42	13	3	0	0	0	0	271
7:45-8:00 AM	223	20	3	0	0	0	0	0	246
8:00-8:15 AM	151	24	1	1	0	0	0	0	177
TOTAL VEHICLES	732	112	21	4	4	1	0	0	874
TOTAL OCCUPANTS	732	224	63	16	20	6	0	0	1061
AVERAGE OCCUPANCY PER VEHICLE =									1.2140

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:15-4:30 PM	153	30	5	0	0	0	0	0	188
4:30-4:45 PM	203	26	2	0	0	0	0	0	231
4:45-5:00 PM	210	38	4	1	0	0	0	0	253
5:00-5:15 PM	211	49	9	0	0	0	0	0	269
TOTAL VEHICLES	777	143	20	1	0	0	0	0	941
TOTAL OCCUPANTS	777	286	60	4	0	0	0	0	1127
AVERAGE OCCUPANCY PER VEHICLE =									1.1977

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #22 - Randolph Street, East of 27th Street
 WEATHER: Lt. Rn., 60°

DATE: 4/24/2006
 DAY: Monday
 ROAD COND.: Wet

DIRECTION: Eastbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
7:15-7:30 AM	57	10	2	0	0	0	0	0	69
7:30-7:45 AM	78	14	3	0	0	0	0	0	95
7:45-8:00 AM	81	7	0	0	0	0	0	0	88
8:00-8:15 AM	57	10	0	1	0	0	0	0	68
TOTAL VEHICLES	273	41	5	1	0	0	0	0	320
TOTAL OCCUPANTS	273	82	15	4	0	0	0	0	374

AVERAGE OCCUPANCY PER VEHICLE = 1.1688

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
4:15-4:30 PM	77	12	2	0	0	0	0	0	91
4:30-4:45 PM	112	5	1	0	0	0	0	0	118
4:45-5:00 PM	126	15	0	0	0	0	0	0	141
5:00-5:15 PM	118	26	3	0	0	0	0	0	147
TOTAL VEHICLES	433	58	6	0	0	0	0	0	497
TOTAL OCCUPANTS	433	116	18	0	0	0	0	0	567

AVERAGE OCCUPANCY PER VEHICLE = 1.1408

DIRECTION: Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
7:15-7:30 AM	88	16	2	0	4	1	0	0	111
7:30-7:45 AM	135	28	10	3	0	0	0	0	176
7:45-8:00 AM	142	13	3	0	0	0	0	0	158
8:00-8:15 AM	94	14	1	0	0	0	0	0	109
TOTAL VEHICLES	459	71	16	3	4	1	0	0	554
TOTAL OCCUPANTS	459	142	48	12	20	6	0	0	687

AVERAGE OCCUPANCY PER VEHICLE = 1.2401

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
4:15-4:30 PM	76	18	3	0	0	0	0	0	97
4:30-4:45 PM	91	21	1	0	0	0	0	0	113
4:45-5:00 PM	84	23	4	1	0	0	0	0	112
5:00-5:15 PM	93	23	6	0	0	0	0	0	122
TOTAL VEHICLES	344	85	14	1	0	0	0	0	444
TOTAL OCCUPANTS	344	170	42	4	0	0	0	0	560

AVERAGE OCCUPANCY PER VEHICLE = 1.2613

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #23 - Capitol Parkway, East of 27th Street
 WEATHER: Pt. Cl., 80°

DATE: 4/11/2006
 DAY: Tuesday
 ROAD COND.: Dry

DIRECTION: Eastbound/Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	566	41	5	3	0	0	0	0	615
7:30-7:45 AM	621	81	5	3	0	0	0	0	710
7:45-8:00 AM	594	78	8	2	0	0	0	0	682
8:00-8:15 AM	543	62	9	5	0	0	0	0	619
TOTAL VEHICLES	2324	262	27	13	0	0	0	0	2626
TOTAL OCCUPANTS	2324	524	81	52	0	0	0	0	2981
AVERAGE OCCUPANCY PER VEHICLE =									1.1352

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	527	62	8	1	0	0	0	0	598
4:45-5:00 PM	559	67	7	1	0	0	0	0	634
5:00-5:15 PM	604	70	4	1	0	0	0	0	679
5:15-5:30 PM	629	85	14	1	1	0	0	0	730
TOTAL VEHICLES	2319	284	33	4	1	0	0	0	2641
TOTAL OCCUPANTS	2319	568	99	16	5	0	0	0	3007
AVERAGE OCCUPANCY PER VEHICLE =									1.1386

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #23 - Capitol Parkway, East of 27th Street
WEATHER: Pt. Clid., 80°

DATE: 4/11/2006
DAY: Tuesday
ROAD COND.: Dry

DIRECTION: Eastbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	137	17	4	1	0	0	0	0	159
7:30-7:45 AM	166	28	3	2	0	0	0	0	199
7:45-8:00 AM	172	21	4	2	0	0	0	0	199
8:00-8:15 AM	132	20	6	0	0	0	0	0	158
TOTAL VEHICLES	607	86	17	5	0	0	0	0	715
TOTAL OCCUPANTS	607	172	51	20	0	0	0	0	850
AVERAGE OCCUPANCY PER VEHICLE =									1.1888

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	350	30	4	0	0	0	0	0	384
4:45-5:00 PM	395	27	1	0	0	0	0	0	423
5:00-5:15 PM	443	23	0	0	0	0	0	0	466
5:15-5:30 PM	439	25	5	0	0	0	0	0	469
TOTAL VEHICLES	1627	105	10	0	0	0	0	0	1742
TOTAL OCCUPANTS	1627	210	30	0	0	0	0	0	1867
AVERAGE OCCUPANCY PER VEHICLE =									1.0718

DIRECTION: Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	429	24	1	2	0	0	0	0	456
7:30-7:45 AM	455	53	2	1	0	0	0	0	511
7:45-8:00 AM	422	57	4	0	0	0	0	0	483
8:00-8:15 AM	411	42	3	5	0	0	0	0	461
TOTAL VEHICLES	1717	176	10	8	0	0	0	0	1911
TOTAL OCCUPANTS	1717	352	30	32	0	0	0	0	2131
AVERAGE OCCUPANCY PER VEHICLE =									1.1151

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	177	32	4	1	0	0	0	0	214
4:45-5:00 PM	164	40	6	1	0	0	0	0	211
5:00-5:15 PM	161	47	4	1	0	0	0	0	213
5:15-5:30 PM	190	60	9	1	1	0	0	0	261
TOTAL VEHICLES	692	179	23	4	1	0	0	0	899
TOTAL OCCUPANTS	692	358	69	16	5	0	0	0	1140
AVERAGE OCCUPANCY PER VEHICLE =									1.2681

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #24 - "A" Street, East of 27th Street
 WEATHER: PM-Cloudy, 70° AM-Lt. Rain, 50°

AM PM
 DATE: 4/24/2006 4/3/2006
 DAY: Monday
 ROAD COND.: AM-Wet; PM-Dry

DIRECTION: Eastbound/Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:30-7:45 AM	166	25	4	0	0	0	0	0	195
7:45-8:00 AM	173	29	3	0	0	0	0	0	205
8:00-8:15 AM	187	24	0	0	0	0	0	0	211
8:15-8:30 AM	131	19	1	0	0	0	0	0	151
TOTAL VEHICLES	657	97	8	0	0	0	0	0	762
TOTAL OCCUPANTS	657	194	24	0	0	0	0	0	875
AVERAGE OCCUPANCY PER VEHICLE =									1.1483

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	217	42	12	4	0	0	0	0	275
4:45-5:00 PM	224	49	5	2	0	0	0	0	280
5:00-5:15 PM	233	46	4	3	0	0	0	0	286
5:15-5:30 PM	209	41	4	4	0	0	0	0	258
TOTAL VEHICLES	883	178	25	13	0	0	0	0	1099
TOTAL OCCUPANTS	883	356	75	52	0	0	0	0	1366
AVERAGE OCCUPANCY PER VEHICLE =									1.2429

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #24 - "A" Street, East of 27th Street
 WEATHER: PM-Cloudy, 70° AM-Lt. Rain, 50°

AM PM
 DATE: 4/24/2006 4/3/2006
 DAY: Monday
 ROAD COND.: AM-Wet; PM-Dry

DIRECTION: Eastbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:30-7:45 AM	95	14	2	0	0	0	0	0	111
7:45-8:00 AM	97	14	1	0	0	0	0	0	112
8:00-8:15 AM	97	7	0	0	0	0	0	0	104
8:15-8:30 AM	66	7	0	0	0	0	0	0	73
TOTAL VEHICLES	355	42	3	0	0	0	0	0	400
TOTAL OCCUPANTS	355	84	9	0	0	0	0	0	448
AVERAGE OCCUPANCY PER VEHICLE =									1.1200

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	113	22	9	2	0	0	0	0	146
4:45-5:00 PM	114	23	4	2	0	0	0	0	143
5:00-5:15 PM	121	14	2	1	0	0	0	0	138
5:15-5:30 PM	104	14	3	4	0	0	0	0	125
TOTAL VEHICLES	452	73	18	9	0	0	0	0	552
TOTAL OCCUPANTS	452	146	54	36	0	0	0	0	688
AVERAGE OCCUPANCY PER VEHICLE =									1.2464

DIRECTION: Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:30-7:45 AM	71	11	2	0	0	0	0	0	84
7:45-8:00 AM	76	15	2	0	0	0	0	0	93
8:00-8:15 AM	90	17	0	0	0	0	0	0	107
8:15-8:30 AM	65	12	1	0	0	0	0	0	78
TOTAL VEHICLES	302	55	5	0	0	0	0	0	362
TOTAL OCCUPANTS	302	110	15	0	0	0	0	0	427
AVERAGE OCCUPANCY PER VEHICLE =									1.1796

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	104	20	3	2	0	0	0	0	129
4:45-5:00 PM	110	26	1	0	0	0	0	0	137
5:00-5:15 PM	112	32	2	2	0	0	0	0	148
5:15-5:30 PM	105	27	1	0	0	0	0	0	133
TOTAL VEHICLES	431	105	7	4	0	0	0	0	547
TOTAL OCCUPANTS	431	210	21	16	0	0	0	0	678
AVERAGE OCCUPANCY PER VEHICLE =									1.2395

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #25 - South Street, East of 27th Street	AM-WB,PM	AM-EB
WEATHER: 4/11/2006 - Pt. Cloudy, 75°	DATE: 4/11/2006	4/25/2006
	DAY: Tuesday	
DIRECTION: Eastbound/Westbound	ROAD COND.: Dry	

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	267	31	2	1	0	0	0	0	301
7:30-7:45 AM	312	63	9	7	1	0	0	0	392
7:45-8:00 AM	376	57	8	0	0	0	0	0	441
8:00-8:15 AM	250	29	3	0	0	0	0	0	282
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TOTAL VEHICLES	1205	180	22	8	1	0	0	0	1416
TOTAL OCCUPANTS	1205	360	66	32	5	0	0	0	1668
AVERAGE OCCUPANCY PER VEHICLE =									1.1780

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:45-5:00 PM	314	60	11	1	0	0	0	0	386
5:00-5:15 PM	355	79	16	5	0	0	0	0	455
5:15-5:30 PM	349	96	6	2	2	0	0	0	455
5:30-5:45 PM	325	97	11	4	1	0	0	0	438
<hr/>									
TOTAL VEHICLES	1343	332	44	12	3	0	0	0	1734
TOTAL OCCUPANTS	1343	664	132	48	15	0	0	0	2202
AVERAGE OCCUPANCY PER VEHICLE =									1.2699

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #25 - South Street, East of 27th Street
 WEATHER: 4/11/2006 - Pt. Cloudy, 75°
 4/25/2006 - Cloudy, 50°
 DIRECTION: Eastbound/Westbound

AM-WB,PM AM-EB
 DATE: 4/11/2006 4/25/2006
 DAY: Tuesday
 ROAD COND.: Dry

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	128	19	1	1	0	0	0	0	149
7:30-7:45 AM	148	34	8	7	1	0	0	0	198
7:45-8:00 AM	180	22	3	0	0	0	0	0	205
8:00-8:15 AM	115	17	1	0	0	0	0	0	133
TOTAL VEHICLES	571	92	13	8	1	0	0	0	685
TOTAL OCCUPANTS	571	184	39	32	5	0	0	0	831
AVERAGE OCCUPANCY PER VEHICLE =									1.2131

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:45-5:00 PM	168	34	4	0	0	0	0	0	206
5:00-5:15 PM	193	39	6	1	0	0	0	0	239
5:15-5:30 PM	205	45	3	1	2	0	0	0	256
5:30-5:45 PM	178	39	4	2	1	0	0	0	224
TOTAL VEHICLES	744	157	17	4	3	0	0	0	925
TOTAL OCCUPANTS	744	314	51	16	15	0	0	0	1140
AVERAGE OCCUPANCY PER VEHICLE =									1.2324

DIRECTION: Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	139	12	1	0	0	0	0	0	152
7:30-7:45 AM	164	29	1	0	0	0	0	0	194
7:45-8:00 AM	196	35	5	0	0	0	0	0	236
8:00-8:15 AM	135	12	2	0	0	0	0	0	149
TOTAL VEHICLES	634	88	9	0	0	0	0	0	731
TOTAL OCCUPANTS	634	176	27	0	0	0	0	0	837
AVERAGE OCCUPANCY PER VEHICLE =									1.1450

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:45-5:00 PM	146	26	7	1	0	0	0	0	180
5:00-5:15 PM	162	40	10	4	0	0	0	0	216
5:15-5:30 PM	144	51	3	1	0	0	0	0	199
5:30-5:45 PM	147	58	7	2	0	0	0	0	214
TOTAL VEHICLES	599	175	27	8	0	0	0	0	809
TOTAL OCCUPANTS	599	350	81	32	0	0	0	0	1062
AVERAGE OCCUPANCY PER VEHICLE =									1.3127

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #26 - Sheridan Boulevard, East of 27th Street
WEATHER: Clear, 75°

DATE: 4/12/2006
DAY: Wednesday
ROAD COND.: Dry

DIRECTION: Eastbound/Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	77	7	3	2	0	0	0	0	89
7:30-7:45 AM	106	25	4	0	1	0	0	0	136
7:45-8:00 AM	126	12	6	1	1	0	0	0	146
8:00-8:15 AM	83	9	2	1	0	0	0	0	95
TOTAL VEHICLES	392	53	15	4	2	0	0	0	466
TOTAL OCCUPANTS	392	106	45	16	10	0	0	0	569
AVERAGE OCCUPANCY PER VEHICLE =									1.2210

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:45-5:00 PM	101	16	2	0	0	0	0	0	119
5:00-5:15 PM	106	26	1	1	0	0	0	0	134
5:15-5:30 PM	124	23	2	0	0	0	0	0	149
5:30-5:45 PM	131	16	2	1	0	0	0	0	150
TOTAL VEHICLES	462	81	7	2	0	0	0	0	552
TOTAL OCCUPANTS	462	162	21	8	0	0	0	0	653
AVERAGE OCCUPANCY PER VEHICLE =									1.1830

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #26 - Sheridan Boulevard, East of 27th Street
WEATHER: Clear, 75°

DATE: 4/12/2006
DAY: Wednesday
ROAD COND.: Dry

DIRECTION: Eastbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	19	3	1	2	0	0	0	0	25
7:30-7:45 AM	31	15	3	0	1	0	0	0	50
7:45-8:00 AM	34	4	3	1	1	0	0	0	43
8:00-8:15 AM	27	4	1	1	0	0	0	0	33
TOTAL VEHICLES	111	26	8	4	2	0	0	0	151
TOTAL OCCUPANTS	111	52	24	16	10	0	0	0	213
AVERAGE OCCUPANCY PER VEHICLE =									1.4106

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:45-5:00 PM	75	10	0	0	0	0	0	0	85
5:00-5:15 PM	77	13	0	0	0	0	0	0	90
5:15-5:30 PM	93	17	0	0	0	0	0	0	110
5:30-5:45 PM	86	8	1	0	0	0	0	0	95
TOTAL VEHICLES	331	48	1	0	0	0	0	0	380
TOTAL OCCUPANTS	331	96	3	0	0	0	0	0	430
AVERAGE OCCUPANCY PER VEHICLE =									1.1316

DIRECTION: Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	58	4	2	0	0	0	0	0	64
7:30-7:45 AM	75	10	1	0	0	0	0	0	86
7:45-8:00 AM	92	8	3	0	0	0	0	0	103
8:00-8:15 AM	56	5	1	0	0	0	0	0	62
TOTAL VEHICLES	281	27	7	0	0	0	0	0	315
TOTAL OCCUPANTS	281	54	21	0	0	0	0	0	356
AVERAGE OCCUPANCY PER VEHICLE =									1.1302

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:45-5:00 PM	26	6	2	0	0	0	0	0	34
5:00-5:15 PM	29	13	1	1	0	0	0	0	44
5:15-5:30 PM	31	6	2	0	0	0	0	0	39
5:30-5:45 PM	45	8	1	1	0	0	0	0	55
TOTAL VEHICLES	131	33	6	2	0	0	0	0	172
TOTAL OCCUPANTS	131	66	18	8	0	0	0	0	223
AVERAGE OCCUPANCY PER VEHICLE =									1.2965

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #27 - Nebraska Hwy 2, East of 27th Street
WEATHER: Clear, 65°

DATE: 4/18/2006
DAY: Tuesday
ROAD COND.: Dry

DIRECTION: Eastbound/Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	629	76	8	0	0	0	0	0	713
7:30-7:45 AM	685	85	6	2	0	0	0	0	778
7:45-8:00 AM	845	80	12	3	0	0	0	0	940
8:00-8:15 AM	538	56	3	1	0	0	0	0	598
TOTAL VEHICLES	2697	297	29	6	0	0	0	0	3029
TOTAL OCCUPANTS	2697	594	87	24	0	0	0	0	3402
AVERAGE OCCUPANCY PER VEHICLE =									1.1231

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:45-5:00 PM	667	101	7	3	1	1	0	0	780
5:00-5:15 PM	645	125	9	6	4	0	0	0	789
5:15-5:30 PM	761	170	16	4	5	1	0	0	957
5:30-5:45 PM	598	126	18	7	1	0	0	0	750
TOTAL VEHICLES	2671	522	50	20	11	2	0	0	3276
TOTAL OCCUPANTS	2671	1044	150	80	55	12	0	0	4012
AVERAGE OCCUPANCY PER VEHICLE =									1.2247

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #27 - Nebraska Hwy 2, East of 27th Street
WEATHER: Clear, 65°

DATE: 4/18/2006
DAY: Tuesday
ROAD COND.: Dry

DIRECTION: Eastbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	198	37	5	0	0	0	0	0	240
7:30-7:45 AM	243	46	5	1	0	0	0	0	295
7:45-8:00 AM	322	44	10	1	0	0	0	0	377
8:00-8:15 AM	200	22	2	0	0	0	0	0	224
TOTAL VEHICLES	963	149	22	2	0	0	0	0	1136
TOTAL OCCUPANTS	963	298	66	8	0	0	0	0	1335
AVERAGE OCCUPANCY PER VEHICLE =									1.1752

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:45-5:00 PM	400	44	7	2	0	0	0	0	453
5:00-5:15 PM	340	60	3	2	1	0	0	0	406
5:15-5:30 PM	406	68	7	2	3	1	0	0	487
5:30-5:45 PM	340	55	6	2	1	0	0	0	404
TOTAL VEHICLES	1486	227	23	8	5	1	0	0	1750
TOTAL OCCUPANTS	1486	454	69	32	25	6	0	0	2072
AVERAGE OCCUPANCY PER VEHICLE =									1.1840

DIRECTION: Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	431	39	3	0	0	0	0	0	473
7:30-7:45 AM	442	39	1	1	0	0	0	0	483
7:45-8:00 AM	523	36	2	2	0	0	0	0	563
8:00-8:15 AM	338	34	1	1	0	0	0	0	374
TOTAL VEHICLES	1734	148	7	4	0	0	0	0	1893
TOTAL OCCUPANTS	1734	296	21	16	0	0	0	0	2067
AVERAGE OCCUPANCY PER VEHICLE =									1.0919

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:45-5:00 PM	267	57	0	1	1	1	0	0	327
5:00-5:15 PM	305	65	6	4	3	0	0	0	383
5:15-5:30 PM	355	102	9	2	2	0	0	0	470
5:30-5:45 PM	258	71	12	5	0	0	0	0	346
TOTAL VEHICLES	1185	295	27	12	6	1	0	0	1526
TOTAL OCCUPANTS	1185	590	81	48	30	6	0	0	1940
AVERAGE OCCUPANCY PER VEHICLE =									1.2713

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #28 - Old Cheney Road, East of 27th Street
 WEATHER: 4/19/2006 - Clear, 65°
 4/26/2006 - Pt. Clid., 60°
 DIRECTION: Eastbound/Westbound

AM-EB,PM AM-WB
 DATE: 4/19/2006 4/26/2006
 DAY: Wednesday
 ROAD COND.: Dry

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	400	37	6	2	0	1	0	0	446
7:30-7:45 AM	572	79	16	5	1	0	0	0	673
7:45-8:00 AM	630	83	6	5	0	0	0	0	724
8:00-8:15 AM	383	51	2	0	0	0	0	0	436
TOTAL VEHICLES	1985	250	30	12	1	1	0	0	2279
TOTAL OCCUPANTS	1985	500	90	48	5	6	0	0	2634
AVERAGE OCCUPANCY PER VEHICLE =									1.1558

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:45-5:00 PM	451	87	13	5	0	0	0	0	556
5:00-5:15 PM	518	89	12	1	0	0	0	0	620
5:15-5:30 PM	531	99	22	3	0	0	0	0	655
5:30-5:45 PM	482	100	8	2	0	0	0	0	592
TOTAL VEHICLES	1982	375	55	11	0	0	0	0	2423
TOTAL OCCUPANTS	1982	750	165	44	0	0	0	0	2941
AVERAGE OCCUPANCY PER VEHICLE =									1.2138

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #28 - Old Cheney Road, East of 27th Street
 WEATHER: 4/19/2006 - Clear, 65°
 4/26/2006 - Pt. Cld., 60°
 DIRECTION: Eastbound

AM-EB,PM AM-WB
 DATE: 4/19/2006 4/26/2006
 DAY: Wednesday
 ROAD COND.: Dry

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	154	14	3	0	0	0	0	0	171
7:30-7:45 AM	241	47	8	4	0	0	0	0	300
7:45-8:00 AM	306	44	3	2	0	0	0	0	355
8:00-8:15 AM	181	19	1	0	0	0	0	0	201
TOTAL VEHICLES	882	124	15	6	0	0	0	0	1027
TOTAL OCCUPANTS	882	248	45	24	0	0	0	0	1199
AVERAGE OCCUPANCY PER VEHICLE =									1.1675

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:45-5:00 PM	249	43	3	1	0	0	0	0	296
5:00-5:15 PM	294	45	2	0	0	0	0	0	341
5:15-5:30 PM	301	54	8	3	0	0	0	0	366
5:30-5:45 PM	272	49	5	2	0	0	0	0	328
TOTAL VEHICLES	1116	191	18	6	0	0	0	0	1331
TOTAL OCCUPANTS	1116	382	54	24	0	0	0	0	1576
AVERAGE OCCUPANCY PER VEHICLE =									1.1841

DIRECTION: Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	246	23	3	2	0	1	0	0	275
7:30-7:45 AM	331	32	8	1	1	0	0	0	373
7:45-8:00 AM	324	39	3	3	0	0	0	0	369
8:00-8:15 AM	202	32	1	0	0	0	0	0	235
TOTAL VEHICLES	1103	126	15	6	1	1	0	0	1252
TOTAL OCCUPANTS	1103	252	45	24	5	6	0	0	1435
AVERAGE OCCUPANCY PER VEHICLE =									1.1462

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:45-5:00 PM	202	44	10	4	0	0	0	0	260
5:00-5:15 PM	224	44	10	1	0	0	0	0	279
5:15-5:30 PM	230	45	14	0	0	0	0	0	289
5:30-5:45 PM	210	51	3	0	0	0	0	0	264
TOTAL VEHICLES	866	184	37	5	0	0	0	0	1092
TOTAL OCCUPANTS	866	368	111	20	0	0	0	0	1365
AVERAGE OCCUPANCY PER VEHICLE =									1.2500

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #29 - Pine Lake Road, East of 27th Street

DATE: 4/20/2006

WEATHER: Clear, 60°

DAY: Thursday

ROAD COND.: Dry

DIRECTION: Eastbound/Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	259	41	6	0	0	0	0	0	306
7:30-7:45 AM	363	116	25	6	1	0	0	0	511
7:45-8:00 AM	441	157	32	7	1	0	0	0	638
8:00-8:15 AM	334	70	3	0	0	0	0	0	407
TOTAL VEHICLES	1397	384	66	13	2	0	0	0	1862
TOTAL OCCUPANTS	1397	768	198	52	10	0	0	0	2425
AVERAGE OCCUPANCY PER VEHICLE =									1.3024

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
5:00-5:15 PM	405	100	18	4	0	1	0	0	528
5:15-5:30 PM	395	103	19	3	0	0	0	0	520
5:30-5:45 PM	375	100	15	1	0	0	0	0	491
5:45-6:00 PM	314	91	17	8	1	0	0	0	431
TOTAL VEHICLES	1489	394	69	16	1	1	0	0	1970
TOTAL OCCUPANTS	1489	788	207	64	5	6	0	0	2559
AVERAGE OCCUPANCY PER VEHICLE =									1.2990

**VEHICLE OCCUPANCY
TRAFFIC VOLUME SUMMARY**

LOCATION: #29 - Pine Lake Road, East of 27th Street

DATE: 4/20/2006

WEATHER: Clear, 60°

DAY: Thursday

ROAD COND.: Dry

DIRECTION: Eastbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	118	7	1	0	0	0	0	0	126
7:30-7:45 AM	149	23	1	0	0	0	0	0	173
7:45-8:00 AM	231	35	1	0	0	0	0	0	267
8:00-8:15 AM	159	20	1	0	0	0	0	0	180
TOTAL VEHICLES	657	85	4	0	0	0	0	0	746
TOTAL OCCUPANTS	657	170	12	0	0	0	0	0	839
AVERAGE OCCUPANCY PER VEHICLE =									1.1247

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
5:00-5:15 PM	238	49	5	2	0	0	0	0	294
5:15-5:30 PM	227	59	6	0	0	0	0	0	292
5:30-5:45 PM	229	46	5	0	0	0	0	0	280
5:45-6:00 PM	182	49	9	4	1	0	0	0	245
TOTAL VEHICLES	876	203	25	6	1	0	0	0	1111
TOTAL OCCUPANTS	876	406	75	24	5	0	0	0	1386
AVERAGE OCCUPANCY PER VEHICLE =									1.2475

DIRECTION: Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	141	34	5	0	0	0	0	0	180
7:30-7:45 AM	214	93	24	6	1	0	0	0	338
7:45-8:00 AM	210	122	31	7	1	0	0	0	371
8:00-8:15 AM	175	50	2	0	0	0	0	0	227
TOTAL VEHICLES	740	299	62	13	2	0	0	0	1116
TOTAL OCCUPANTS	740	598	186	52	10	0	0	0	1586
AVERAGE OCCUPANCY PER VEHICLE =									1.4211

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
5:00-5:15 PM	167	51	13	2	0	1	0	0	234
5:15-5:30 PM	168	44	13	3	0	0	0	0	228
5:30-5:45 PM	146	54	10	1	0	0	0	0	211
5:45-6:00 PM	132	42	8	4	0	0	0	0	186
TOTAL VEHICLES	613	191	44	10	0	1	0	0	859
TOTAL OCCUPANTS	613	382	132	40	0	6	0	0	1173
AVERAGE OCCUPANCY PER VEHICLE =									1.3655

Statistical t -Test Calculations

$$t = \frac{\bar{X}_1 - \bar{X}_2}{\sqrt{\frac{S_1^2}{N_1} + \frac{S_2^2}{N_2}}}$$

Equation:

where,

- t = statistic of the t distribution,
- X_1 = mean (average) of 1st (2004) sample = 1.2001 occupants/vehicle,
- X_2 = mean (average) of 2nd (2006) sample = 1.2090 occupants/vehicle,
- S_1 = standard deviation of 1st (2004) sample = 0.0564 occupants/vehicle,
- S_2 = standard deviation of 2nd (2006) sample = 0.0577 occupants/vehicle,
- N_1 = number of observations in 1st (2004) sample = 29, and
- N_2 = number of observations in 2nd (2006) sample = 29.

The computed value of t is then compared with the critical t value (t_c), as obtained from a statistics table, to determine the significance of the difference between the two sample means.

If the computed value (either positive or negative) of t is greater than t_c , the difference between the two means is considered significant and not due just to chance variations alone. The difference between the two means is defined as nonsignificant and due to chance variation alone when the calculated t value (either positive or negative) is less than the critical t value.

By substituting the values listed above into the equation at the top of the page, 0.5940 is the value calculated for t . At a 95% confidence limit, which is common for most statistical comparisons of this nature, the critical t value is 2.048. Since the calculated t value is less than the critical t value, the difference in means is not significant. By using a 95% confidence limit, one can say with 95% certainty that the difference in average vehicle occupancy rates for the years 2004 and 2006 is not significant.