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Submitted to:



TSA Project No. 453201

# Vehicle Occupancy Study



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# **VEHICLE OCCUPANCY STUDY**

**City of Lincoln**

**Lincoln, Nebraska**

**TSA Project No. 453201**

**January 2005**

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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.<sup>1</sup>

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 2004 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

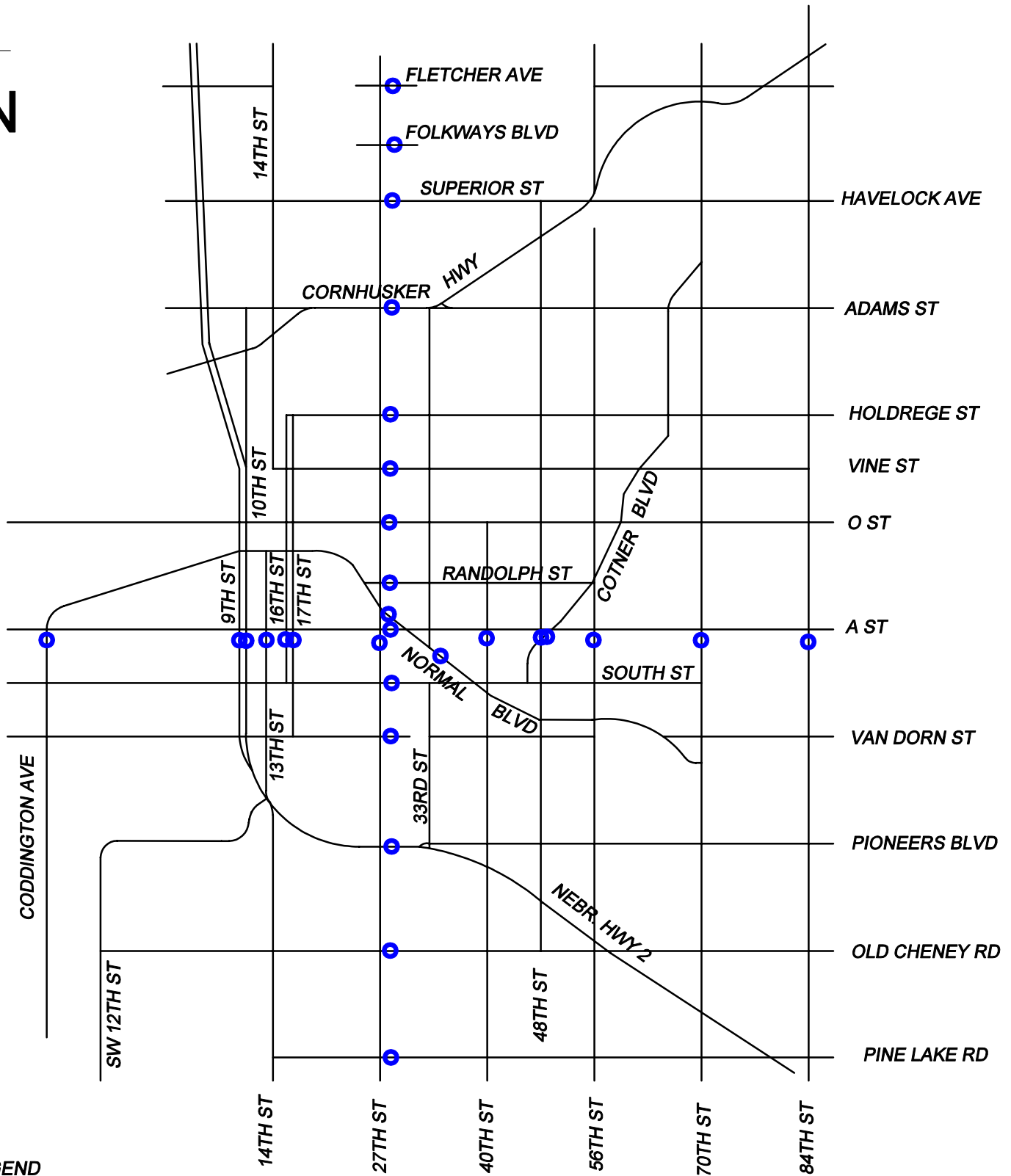
Screenline vehicle occupancy studies were conducted at twenty-nine (29) locations within the city limits of Lincoln, Nebraska. Fourteen sites were located on the south leg of major intersections along "A" Street while an additional fifteen sites were located on the east leg of major intersections along 27<sup>th</sup> Street. "A" Street and 27<sup>th</sup> Street are both major arterials centralized within the City of Lincoln. "A" Street serves east-west traffic throughout the city while 27<sup>th</sup> Street serves north-south traffic. The centralized locations of these 29 sites provide a representative sample of the city as a whole<sup>2</sup>. 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. 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 27<sup>th</sup> 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 27<sup>th</sup> Street on Superior Street.

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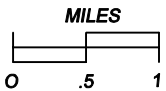
<sup>1</sup>*Guide For Estimating Urban Vehicle Classification and Occupancy*, U.S. Department of Transportation, Federal Highway Administration, 1980.

<sup>2</sup>The 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



**2004 STUDY LOCATION MAP**



**2004 VEHICLE  
OCCUPANCY STUDY  
CITY OF LINCOLN, NE**

**FIGURE  
1**

TSA determined the exact study times for the morning and afternoon time periods based upon the peak hour traffic volumes from other data collection activities. Studies were conducted on weekdays beginning September 8, 2004 and ending October 22, 2004. 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<sub>i</sub> = average vehicle occupancy for location i, (occupants/vehicle)

P<sub>i</sub> = number of occupants counted at location i

VPV<sub>i</sub> = number of passenger vehicles counted at location i

The data collected at the location along 9<sup>th</sup> 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:	1171	2281	1171 + 2281 = 3452
Total Vehicles:	1042	1965	1042 + 1965 = 3007
Average Occupancy:	$\frac{1171}{1042} = 1.1238$	$\frac{2281}{1965} = 1.1608$	$\frac{3452}{3007} = 1.1480$

**TABLE 1 – STUDY LOCATIONS**

LOC #	DATE	DAY	DIRECTION	FROM		LOCATION	VEH. MOV. DIR	A.M. TIME	P.M. TIME
1	8-Oct	Friday	South of	"A" Street	on	Coddington Ave.	NB/SB	7:15-8:15	4:30-5:30
2	20-Sep	Monday	South of	"A" Street	on	9th Street	SB	7:15-8:15	4:30-5:30
3	27-Sep	Monday	South of	"A" Street	on	10th Street	NB	7:15-8:15	4:15-5:15
4	28-Sep	Tuesday	South of	"A" Street	on	13th Street	NB/SB	7:30-8:30	4:30-5:30
5	21-Sep, 28-Sep <sup>1</sup>	Tuesday	South of	"A" Street	on	16th Street	SB	7:30-8:30	4:30-5:30
6	8-Sep	Wednesday	South of	"A" Street	on	17th Street	NB	7:15-8:15	4:15-5:15
7	8-Sep	Wednesday	South of	"A" Street	on	27th Street	NB/SB	7:30-8:30	4:30-5:30
8	9-Sep	Thursday	South of	"A" Street	on	Normal @ Everett	NB/SB	7:15-8:15	4:30-5:30
9	9-Sep	Thursday	South of	"A" Street	on	40th Street	NB/SB	7:15-8:15	4:30-5:30
10	17-Sep	Friday	South of	"A" Street	on	48th Street	NB/SB	7:30-8:30	4:30-5:30
11	24-Sep	Friday	South of	"A" Street	on	Cotner Blvd.	NB/SB	7:15-8:15	4:30-5:30
12	13-Sep, 27-Sep <sup>2</sup>	Monday	South of	"A" Street	on	56th Street	NB/SB	7:15-8:15	4:30-5:30
13	27-Sep	Monday	South of	"A" Street	on	70th Street	NB/SB	7:15-8:15	4:30-5:30
14	29-Sep, 6-Oct <sup>3</sup>	Wednesday	South of	"A" Street	on	84th Street	NB/SB	7:15-8:15	4:45-5:45
15	27-Sep	Monday	East of	27th Street	on	Fletcher Ave.	EB/WB	7:15-8:15	4:45-5:45
16 <sup>a</sup>	15-Sep	Wednesday	East of	27th Street	on	Folkways Blvd.	EB/WB	7:15-8:15	3:00-5:30
17	24-Sep	Friday	East of	27th Street	on	Superior Street	EB/WB	7:15-8:15	4:30-5:30
18	23-Sep	Thursday	East of	27th Street	on	Cornhusker Hwy.	EB/WB	7:15-8:15	4:30-5:30
19	16-Sep	Thursday	East of	27th Street	on	Holdrege St.	EB/WB	7:30-8:30	4:45-5:45
20	8-Oct, 22-Oct <sup>4</sup>	Friday	East of	27th Street	on	Vine Street	EB/WB	7:15-8:15	4:30-5:30

<sup>a</sup> The P.M. peak hour for this location was 4:30 p.m. to 5:30 p.m.

<sup>1</sup> Data collection for the A.M. peak was performed on September 28<sup>th</sup>. The P.M. peak was performed on September 21<sup>st</sup>

<sup>2</sup> Data collection for the A.M. peak was performed on September 27<sup>th</sup>. The P.M. peak was performed on September 13<sup>th</sup>.

<sup>3</sup> Data collection for the A.M. peak and SB P.M. peak were performed on September 29<sup>th</sup>. The NB P.M. Peak was performed on October 6<sup>th</sup>.

<sup>4</sup> Data collection for the A.M. peak was performed on October 22<sup>nd</sup>. The P.M. peak was performed on October 8<sup>th</sup>.



**TABLE 1 – STUDY LOCATIONS (CONTINUED)**

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

<sup>5</sup> Data collection for the WB A.M. peak was performed on October 22<sup>nd</sup>. The EB A.M. peak and P.M. peak were performed on October 8<sup>th</sup>.

<sup>6</sup> Data collection for the A.M. peak and EB P.M. peak were performed on September 28<sup>th</sup>. The WB P.M. peak was performed on September 21<sup>st</sup>.

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 periods<sup>3</sup> 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.

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

where,

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

<sup>3</sup>The 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 occupancies at each location during each time period as well as the two time periods combined are summarized in Table 3. In addition to providing average occupancies for each location, this table also summarizes the occupancy rates during each time period on a corridor (i.e., along “A” Street or 27<sup>th</sup> Street) and a city-wide basis. As this table shows, the average city-wide vehicle occupancy is 1.16 during the a.m. peak and 1.24 during the p.m. peak. The two peak periods combined have an average vehicle occupancy of 1.20. 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 2 and Figure 2 illustrate the trend of average occupancies during the a.m. and p.m. peak hours over the last 27 years. Since 1977, the average vehicle occupancy during the a.m. peak hour has dropped from 1.23 to 1.16, a decrease of 0.07 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 2004, 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 to a national issue, rather than one of local nature.

**Table 2 - Peak Hour Occupancy Rates (1977-2004)**

	1977	1978	1979	1980	1981	1982	1983	1986	1988	1991	1993	1995	1997	2002	2004
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
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

**TABLE 3 – 2004 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	490	579	1.1816	397	535	1.3476	887	1114	1.2559
	SB	348	416	1.1954	440	529	1.2023	788	945	1.1992
	COMB.	838	995	1.1874	837	1064	1.2712	1675	2059	1.2293
2 9th Street - South of "A"	SB	1042	1171	1.1238	1965	2281	1.1608	3007	3452	1.1480
3 10th Street - South of "A"	NB	1979	2137	1.0798	1036	1284	1.2394	3015	3421	1.1347
4 13th Street - South of "A"	NB	435	455	1.0460	351	421	1.1994	786	876	1.1145
	SB	235	261	1.1106	756	859	1.1362	991	1120	1.1302
	COMB.	670	716	1.0687	1107	1280	1.1563	1777	1996	1.1232
5 16th Street - South of "A"	SB	301	352	1.1694	969	1121	1.1569	1270	1473	1.1598
6 17th Street - South of "A"	NB	1109	1236	1.1145	653	866	1.3262	1762	2102	1.1930
7 27th Street - South of "A"	NB	1152	1271	1.1033	796	1006	1.2638	1948	2277	1.1689
	SB	506	628	1.2411	1268	1533	1.2090	1774	2161	1.2182
	COMB.	1658	1899	1.1454	2064	2539	1.2301	3722	4438	1.1924
8 Normal Boulevard - at Everett	NB	1754	1892	1.0787	909	1174	1.2915	2663	3066	1.1513
	SB	641	707	1.1030	1658	1850	1.1158	2299	2557	1.1122
	COMB.	2395	2599	1.0852	2567	3024	1.1780	4962	5623	1.1332
9 40th Street - South of "A"	NB	468	519	1.1090	514	631	1.2276	982	1150	1.1711
	SB	402	466	1.1592	606	701	1.1568	1008	1167	1.1577
	COMB.	870	985	1.1322	1120	1332	1.1893	1990	2317	1.1643
10 48th Street - South of "A"	NB	577	686	1.1889	668	884	1.3234	1245	1570	1.2610
	SB	478	571	1.1946	746	1036	1.3887	1224	1607	1.3129
	COMB.	1055	1257	1.1915	1414	1920	1.3579	2469	3177	1.2868

**TABLE 3: 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
11	Cotner Blvd. - South of "A"	NB	380	421	1.1079	468	613	1.3098	848	1034	1.2193
		SB	311	348	1.1190	341	416	1.2199	652	764	1.1718
		COMB.	691	769	1.1129	809	1029	1.2719	1500	1798	1.1987
12	56th Street - South of "A"	NB	814	935	1.1486	726	858	1.1818	1540	1793	1.1643
		SB	577	633	1.0971	1012	1243	1.2283	1589	1876	1.1806
		COMB.	1391	1568	1.1272	1738	2101	1.2089	3129	3669	1.1726
13	70th Street - South of "A"	NB	1531	1882	1.2293	1325	1616	1.2196	2856	3498	1.2248
		SB	1080	1209	1.1194	1770	2106	1.1898	2850	3315	1.1632
		COMB.	2611	3091	1.1838	3095	3722	1.2026	5706	6813	1.1940
14	84th Street - South of "A"	NB	996	1176	1.1807	601	710	1.1814	1597	1886	1.1810
		SB	619	802	1.2956	849	992	1.1684	1468	1794	1.2221
		COMB.	1615	1978	1.2248	1450	1702	1.1738	3065	3680	1.2007
Subtotals ("A" Street Screenline)			18225	20753	1.1387	20824	25265	1.2133	39049	46018	1.1785

**TABLE 3: 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
15 Fletcher Ave - East of 27th	EB	294	398	1.3537	512	596	1.1641	806	994	1.2333
	WB	520	565	1.0865	289	385	1.3322	809	950	1.1743
	COMB.	814	963	1.1830	801	981	1.2247	1615	1944	1.2037
16 <sup>a</sup> Folkways Blvd - East of 27th	EB	420	747	1.7786	149	209	1.4027	569	956	1.6801
	WB	240	275	1.1458	128	161	1.2578	368	436	1.1848
	COMB.	660	1022	1.5485	277	370	1.3357	937	1392	1.4856
17 Superior Street- East of 27th	EB	951	1235	1.2986	957	1315	1.3741	1908	2550	1.3365
	WB	570	652	1.1439	1222	1462	1.1964	1792	2114	1.1797
	COMB.	1521	1887	1.2406	2179	2777	1.2744	3700	4664	1.2605
18 Cornhusker Hwy. - East of 27th	EB	880	1006	1.1432	1358	1670	1.2297	2238	2676	1.1957
	WB	897	992	1.1059	1289	1665	1.2917	2186	2657	1.2155
	COMB.	1777	1998	1.1244	2647	3335	1.2599	4424	5333	1.2055
19 Holdrege St. - East of 27th	EB	438	547	1.2489	874	1112	1.2723	1312	1659	1.2645
	WB	679	783	1.1532	739	945	1.2788	1418	1728	1.2186
	COMB.	1117	1330	1.1907	1613	2057	1.2753	2730	3387	1.2407
20 Vine Street - East of 27th	EB	429	544	1.2681	1048	1312	1.2519	1477	1856	1.2566
	WB	621	705	1.1353	724	1010	1.3950	1345	1715	1.2751
	COMB.	1050	1249	1.1895	1772	2322	1.3104	2822	3571	1.2654
21 "O" Street - East of 27th	EB	837	1001	1.1959	1465	2068	1.4116	2302	3069	1.3332
	WB	1137	1291	1.1354	1201	1684	1.4022	2338	2975	1.2725
	COMB.	1974	2292	1.1611	2666	3752	1.4074	4640	6044	1.3026
22 Randolph St. - East of 27th	EB	294	356	1.2109	467	550	1.1777	761	906	1.1905
	WB	490	582	1.1878	356	453	1.2725	846	1035	1.2234
	COMB.	784	938	1.1964	823	1003	1.2187	1607	1941	1.2078

**TABLE 3: 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	674	796	1.1810	1707	1963	1.1500	2381	2759	1.1588
		WB	1845	1996	1.0818	764	976	1.2775	2609	2972	1.1391
		COMB.	2519	2792	1.1084	2471	2939	1.1894	4990	5731	1.1485
24	"A" Street - East of 27th	EB	411	500	1.2165	477	576	1.2075	888	1076	1.2117
		WB	344	397	1.1541	513	627	1.2222	857	1024	1.1949
		COMB.	755	897	1.1881	990	1203	1.2152	1745	2100	1.2034
25	South Street - East of 27th	EB	559	701	1.2540	571	716	1.2539	1130	1417	1.2540
		WB	759	853	1.1238	751	831	1.1065	1510	1684	1.1152
		COMB.	1318	1554	1.1791	1322	1547	1.1702	2640	3101	1.1746
26	Sheridan Boulevard - at Van Dorn	EB	144	188	1.3056	520	602	1.1577	664	790	1.1898
		WB	329	353	1.0729	315	416	1.3206	644	769	1.1941
		COMB.	473	541	1.1438	835	1018	1.2192	1308	1559	1.1919
27	Nebraska Hwy. - East of 27th	EB	1134	1273	1.1226	1639	1965	1.1989	2773	3238	1.1677
		WB	1749	1901	1.0869	1496	1861	1.2440	3245	3762	1.1593
		COMB.	2883	3174	1.1009	3135	3826	1.2204	6018	7000	1.1632
28	Old Cheney Rd. - East of 27th	EB	752	874	1.1622	1432	1684	1.1760	2184	2558	1.1712
		WB	1216	1366	1.1234	927	1167	1.2589	2143	2533	1.1820
		COMB.	1968	2240	1.1382	2359	2851	1.2086	4327	5091	1.1766
29	Pine Lake Rd. - East of 27th	EB	740	809	1.0932	1030	1266	1.2291	1770	2075	1.1723
		WB	1189	1579	1.3280	887	1154	1.3010	2076	2733	1.3165
		COMB.	1929	2388	1.2379	1917	2420	1.2624	3846	4808	1.2501
Subtotals (27th Street Screenline)			21542	25265	1.1728	25807	32401	1.2555	47349	57666	1.2179
TOTALS (City-Wide)			39767	46018	1.1572	46631	57666	1.2366	86398	103684	1.2001

a For the 2.5 hour count, the vehicle occupancy for the p.m. time period is 1.5435 (EB is 1.7264 and WB is 1.2635).

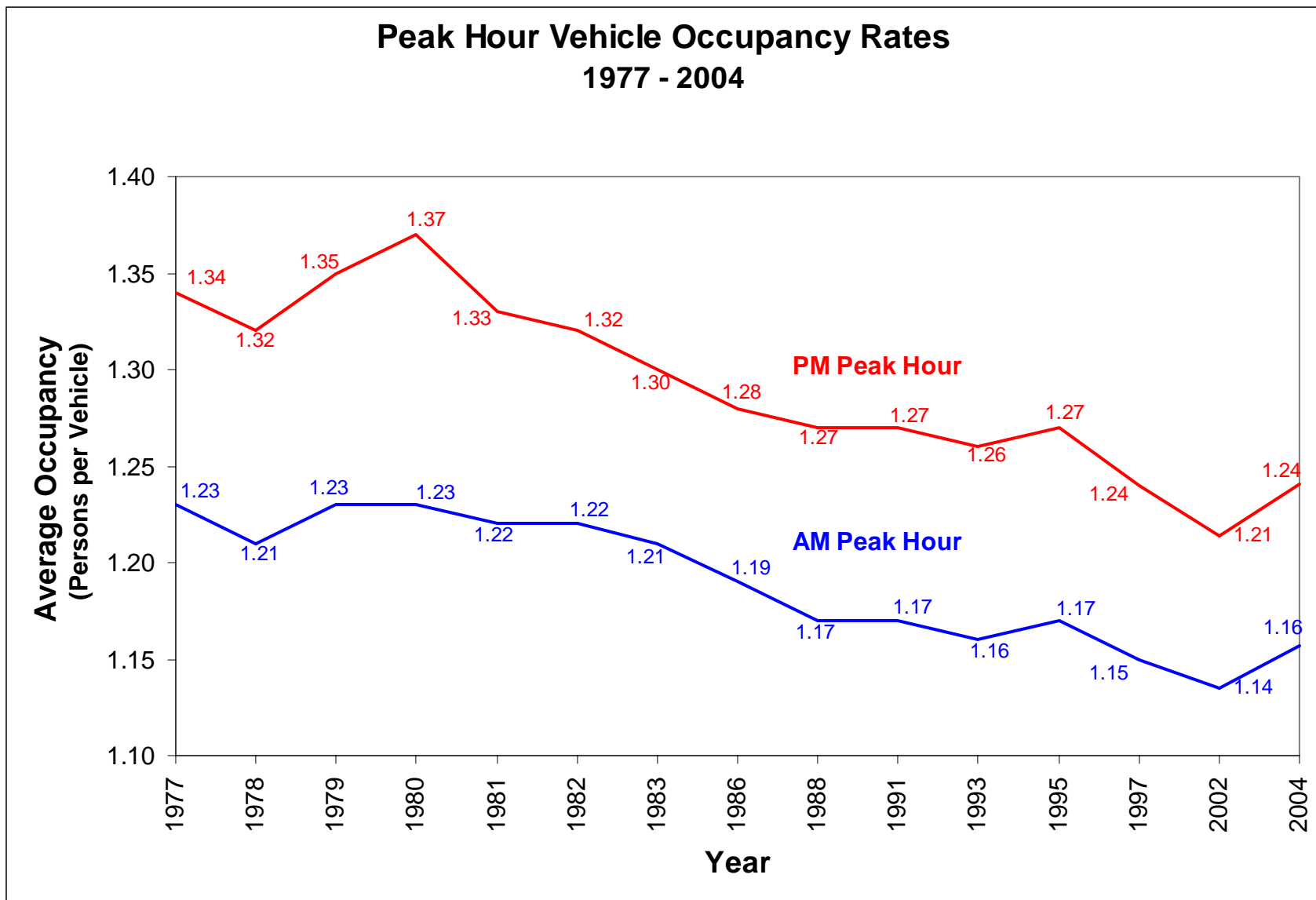


FIGURE 2



In 2004, the screenline average vehicle occupancy for the two peak periods combined is 1.20 occupants per vehicle. To determine whether the difference in average occupancy rates between 2002 and 2004 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 2002 and 2004. 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.

It is recommended that screenline vehicle occupancy studies for the City of Lincoln continue to be conducted once every two years. The results of these studies will assist in monitoring the changes in travel behavior as related to the growth of the city. These results can then 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 2002 Comprehensive Plan.

## **APPENDIX**

## **Summary Sheets**

**VEHICLE OCCUPANCY STUDY SUMMARY  
2004**

AM PEAK

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)) <sup>2</sup> (B) <sup>2</sup>
1	Coddington Avenue, South of "A" Street	995	838	1.2001	1005.66	-10.66	113.68
2	9th Street, South of "A" Street	1171	1042	1.2001	1250.48	-79.48	6316.62
3	10th Street, South of "A" Street	2137	1979	1.2001	2374.95	-237.95	56618.58
4	13th Street, South of "A" Street	716	670	1.2001	804.05	-88.05	7752.74
5	16th Street, South of "A" Street	352	301	1.2001	361.22	-9.22	85.05
6	17th Street, South of "A" Street	1236	1109	1.2001	1330.88	-94.88	9002.62
7	27th Street, South of "A" Street	1899	1658	1.2001	1989.72	-90.72	8230.63
8	Normal Boulevard, at Everett	2599	2395	1.2001	2874.18	-275.18	75722.61
9	40th Street, South of "A" Street	985	870	1.2001	1044.06	-59.06	3488.61
10	48th Street, South of "A" Street	1257	1055	1.2001	1266.08	-9.08	82.41
11	Cotner Boulevard, South of "A" Street	769	691	1.2001	829.25	-60.25	3630.21
12	56th Street, South of "A" Street	1568	1391	1.2001	1669.30	-101.30	10262.31
13	70th Street, South of "A" Street	3091	2611	1.2001	3133.39	-42.39	1797.20
14	84th Street, South of "A" Street	1978	1615	1.2001	1938.12	39.88	1590.44
15	Fletcher Avenue, East of 27th Street	963	814	1.2001	976.86	-13.86	192.11
16	Folkways Blvd, East of 27th Street	1022	660	1.2001	792.05	229.95	52877.51
17	Superior Street, East of 27th Street	1887	1521	1.2001	1825.31	61.69	3805.33
18	Cornhusker Hwy., East of 27th Street	1998	1777	1.2001	2132.53	-134.53	18098.76
19	Holdrege Street, East of 27th Street	1330	1117	1.2001	1340.48	-10.48	109.89
20	Vine Street, East of 27th Street	1249	1050	1.2001	1260.08	-11.08	122.72
21	"O" Street, East of 27th Street	2292	1974	1.2001	2368.95	-76.95	5920.72
22	Randolph Street, East of 27th Street	938	784	1.2001	940.86	-2.86	8.17
23	Capitol Parkway, East of 27th Street	2792	2519	1.2001	3022.99	-230.99	53354.81
24	"A" Street, East of 27th Street	897	755	1.2001	906.06	-9.06	82.01
25	South Street, East of 27th Street	1554	1318	1.2001	1581.70	-27.70	767.16
26	Sheridan Boulevard, South of Van Dorn Street	541	473	1.2001	567.64	-26.64	709.43
27	Nebraska Hwy 2, East of 27th Street	3174	2883	1.2001	3459.81	-285.81	81689.39
28	Old Cheney Road, East of 27th Street	2240	1968	1.2001	2361.75	-121.75	14822.04
29	Pine Lake Road, East of 27th Street	2388	1929	1.2001	2314.94	73.06	5337.34
		46018	39767	1.1572			422591.08

Standard Deviation = 0.0880

95% Level of Confidence (SD\*2) = 0.1761

**VEHICLE OCCUPANCY STUDY SUMMARY  
2004**

PM PEAK

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)) <sup>2</sup> (B) <sup>2</sup>
1	Coddington Avenue, South of "A" Street	1064	837	1.2001	1004.46	59.54	3544.77
2	9th Street, South of "A" Street	2281	1965	1.2001	2358.15	-77.15	5951.44
3	10th Street, South of "A" Street	1284	1036	1.2001	1243.28	40.72	1658.38
4	13th Street, South of "A" Street	1280	1107	1.2001	1328.48	-48.48	2350.50
5	16th Street, South of "A" Street	1121	969	1.2001	1162.87	-41.87	1753.25
6	17th Street, South of "A" Street	866	653	1.2001	783.65	82.35	6781.79
7	27th Street, South of "A" Street	2539	2064	1.2001	2476.95	62.05	3849.84
8	Normal Boulevard, at Everett	3024	2567	1.2001	3080.59	-56.59	3202.45
9	40th Street, South of "A" Street	1332	1120	1.2001	1344.08	-12.08	146.00
10	48th Street, South of "A" Street	1920	1414	1.2001	1696.90	223.10	49771.49
11	Cotner Boulevard, South of "A" Street	1029	809	1.2001	970.86	58.14	3380.27
12	56th Street, South of "A" Street	2101	1738	1.2001	2085.73	15.27	233.21
13	70th Street, South of "A" Street	3722	3095	1.2001	3714.23	7.77	60.38
14	84th Street, South of "A" Street	1702	1450	1.2001	1740.11	-38.11	1452.17
15	Fletcher Avenue, East of 27th Street	981	801	1.2001	961.26	19.74	389.69
16	Folkways Blvd, East of 27th Street	370	277	1.2001	332.42	37.58	1412.22
17	Superior Street, East of 27th Street	2777	2179	1.2001	2614.96	162.04	26256.50
18	Cornhusker Hwy., East of 27th Street	3335	2647	1.2001	3176.60	158.40	25091.80
19	Holdrege Street, East of 27th Street	2057	1613	1.2001	1935.72	121.28	14708.96
20	Vine Street, East of 27th Street	2322	1772	1.2001	2126.53	195.47	38208.03
21	"O" Street, East of 27th Street	3752	2666	1.2001	3199.40	552.60	305369.54
22	Randolph Street, East of 27th Street	1003	823	1.2001	987.66	15.34	235.29
23	Capitol Parkway, East of 27th Street	2939	2471	1.2001	2965.38	-26.38	696.06
24	"A" Street, East of 27th Street	1203	990	1.2001	1188.07	14.93	222.81
25	South Street, East of 27th Street	1547	1322	1.2001	1586.50	-39.50	1560.09
26	Sheridan Boulevard, South of Van Dorn Street	1018	835	1.2001	1002.06	15.94	254.02
27	Nebraska Hwy 2, East of 27th Street	3826	3135	1.2001	3762.23	63.77	4066.33
28	Old Cheney Road, East of 27th Street	2851	2359	1.2001	2830.97	20.03	401.01
29	Pine Lake Road, East of 27th Street	2420	1917	1.2001	2300.54	119.46	14270.21
		57666	46631	1.2366			517278.52

Standard Deviation = 0.0831

95% Level of Confidence (SD\*2) = 0.1661

**VEHICLE OCCUPANCY STUDY SUMMARY  
2004**

<u>COMBINED</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)) <sup>2</sup> (B) <sup>2</sup>
1	Coddington Avenue, South of "A" Street	2059	1675	1.2001	2010.12	48.88	2388.86
2	9th Street, South of "A" Street	3452	3007	1.2001	3608.62	-156.62	24530.68
3	10th Street, South of "A" Street	3421	3015	1.2001	3618.22	-197.22	38897.05
4	13th Street, South of "A" Street	1996	1777	1.2001	2132.53	-136.53	18640.89
5	16th Street, South of "A" Street	1473	1270	1.2001	1524.09	-51.09	2610.60
6	17th Street, South of "A" Street	2102	1762	1.2001	2114.53	-12.53	157.01
7	27th Street, South of "A" Street	4438	3722	1.2001	4466.68	-28.68	822.30
8	Normal Boulevard, at Everett	5623	4962	1.2001	5954.77	-331.77	110069.72
9	40th Street, South of "A" Street	2317	1990	1.2001	2388.15	-71.15	5061.95
10	48th Street, South of "A" Street	3177	2469	1.2001	2962.98	214.02	45803.32
11	Cotner Boulevard, South of "A" Street	1798	1500	1.2001	1800.11	-2.11	4.46
12	56th Street, South of "A" Street	3669	3129	1.2001	3755.03	-86.03	7401.47
13	70th Street, South of "A" Street	6813	5706	1.2001	6847.62	-34.62	1198.73
14	84th Street, South of "A" Street	3680	3065	1.2001	3678.23	1.77	3.14
15	Fletcher Avenue, East of 27th Street	1944	1615	1.2001	1938.12	5.88	34.58
16	Folkways Blvd, East of 27th Street	1392	937	1.2001	1124.47	267.53	71572.62
17	Superior Street, East of 27th Street	4664	3700	1.2001	4440.27	223.73	50053.29
18	Cornhusker Hwy., East of 27th Street	5333	4424	1.2001	5309.13	23.87	569.89
19	Holdrege Street, East of 27th Street	3387	2730	1.2001	3276.20	110.80	12276.15
20	Vine Street, East of 27th Street	3571	2822	1.2001	3386.61	184.39	34000.03
21	"O" Street, East of 27th Street	6044	4640	1.2001	5568.34	475.66	226248.90
22	Randolph Street, East of 27th Street	1941	1607	1.2001	1928.52	12.48	155.77
23	Capitol Parkway, East of 27th Street	5731	4990	1.2001	5988.37	-257.37	66239.13
24	"A" Street, East of 27th Street	2100	1745	1.2001	2094.13	5.87	34.47
25	South Street, East of 27th Street	3101	2640	1.2001	3168.20	-67.20	4515.24
26	Sheridan Boulevard, South of Van Dorn Street	1559	1308	1.2001	1569.70	-10.70	114.42
27	Nebraska Hwy 2, East of 27th Street	7000	6018	1.2001	7222.05	-222.05	49304.33
28	Old Cheney Road, East of 27th Street	5091	4327	1.2001	5192.72	-101.72	10347.07
29	Pine Lake Road, East of 27th Street	4808	3846	1.2001	4615.48	192.52	37062.07
		103684	86398	1.2001			820118.12

Standard Deviation = 0.0564

95% Level of Confidence (SD\*2) = 0.1129

## **Data Collection Sheets**

**VEHICLE OCCUPANCY  
TRAFFIC VOLUME SUMMARY**

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

DATE: 10/8/2004

WEATHER: Clear, 60°

DAY: Friday

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	83	16	1	0	0	0	0	0	100
7:30-7:45 AM	126	24	3	1	0	0	0	0	154
7:45-8:00 AM	113	13	3	1	0	0	0	0	130
8:00-8:15 AM	93	10	3	0	0	0	0	0	106
<b>TOTAL VEHICLES</b>	<b>415</b>	<b>63</b>	<b>10</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>490</b>
<b>TOTAL OCCUPANTS</b>	<b>415</b>	<b>126</b>	<b>30</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>579</b>

AVERAGE OCCUPANCY PER VEHICLE = 1.1816

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
4:30-4:45PM	65	16	1	1	0	0	0	0	83
4:45-5:00 PM	64	28	2	0	0	0	0	0	94
5:00-5:15 PM	73	28	5	1	0	0	0	0	107
5:15-5:30 PM	76	32	3	2	0	0	0	0	113
<b>TOTAL VEHICLES</b>	<b>278</b>	<b>104</b>	<b>11</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>397</b>
<b>TOTAL OCCUPANTS</b>	<b>278</b>	<b>208</b>	<b>33</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>535</b>

AVERAGE OCCUPANCY PER VEHICLE = 1.3476

DIRECTION: Southbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
7:15-7:30 AM	54	5	1	0	0	0	1	0	61
7:30-7:45 AM	69	14	0	0	0	0	0	0	83
7:45-8:00 AM	86	12	2	0	0	0	0	0	100
8:00-8:15 AM	83	18	2	1	0	0	0	0	104
<b>TOTAL VEHICLES</b>	<b>292</b>	<b>49</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>348</b>
<b>TOTAL OCCUPANTS</b>	<b>292</b>	<b>98</b>	<b>15</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>416</b>

AVERAGE OCCUPANCY PER VEHICLE = 1.1954

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
4:30-4:45PM	71	15	3	0	0	0	0	0	89
4:45-5:00 PM	100	22	2	1	0	0	0	0	125
5:00-5:15 PM	93	20	2	0	0	0	0	0	115
5:15-5:30 PM	96	15	0	0	0	0	0	0	111
<b>TOTAL VEHICLES</b>	<b>360</b>	<b>72</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>440</b>
<b>TOTAL OCCUPANTS</b>	<b>360</b>	<b>144</b>	<b>21</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>529</b>

AVERAGE OCCUPANCY PER VEHICLE = 1.2023



**VEHICLE OCCUPANCY  
TRAFFIC VOLUME SUMMARY**

LOCATION: #2 - 9th Street, South of "A" Street  
WEATHER: Windy, 70

DATE: 9/20/2004  
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	245	27	4	0	0	0	0	0	276
7:30-7:45 AM	263	28	1	0	2	0	0	0	294
7:45-8:00 AM	237	26	0	2	0	0	0	0	265
8:00-8:15 AM	185	20	2	0	0	0	0	0	207
<b>TOTAL VEHICLES</b>	<b>930</b>	<b>101</b>	<b>7</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1042</b>
<b>TOTAL OCCUPANTS</b>	<b>930</b>	<b>202</b>	<b>21</b>	<b>8</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1171</b>

AVERAGE OCCUPANCY PER VEHICLE = 1.1238

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	432	67	5	1	0	0	0	1	506
4:45-5:00 PM	352	60	3	1	0	0	0	0	416
5:00-5:15 PM	475	68	7	0	0	0	0	0	550
5:15-5:30 PM	424	60	9	0	0	0	0	0	493
<b>TOTAL VEHICLES</b>	<b>1683</b>	<b>255</b>	<b>24</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1965</b>
<b>TOTAL OCCUPANTS</b>	<b>1683</b>	<b>510</b>	<b>72</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>2281</b>

AVERAGE OCCUPANCY PER VEHICLE = 1.1608

**VEHICLE OCCUPANCY  
TRAFFIC VOLUME SUMMARY**

LOCATION: #3 - 10th Street, South of "A" Street  
WEATHER: Clear, 70

DATE: 9/27/2004  
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	415	28	1	0	1	0	0	0	445
7:30-7:45 AM	496	30	7	1	0	0	0	0	534
7:45-8:00 AM	534	44	1	0	0	0	0	0	579
8:00-8:15 AM	391	29	1	0	0	0	0	0	421
<b>TOTAL VEHICLES</b>	<b>1836</b>	<b>131</b>	<b>10</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1979</b>
<b>TOTAL OCCUPANTS</b>	<b>1836</b>	<b>262</b>	<b>30</b>	<b>4</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2137</b>

AVERAGE OCCUPANCY PER VEHICLE = 1.0798

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:15-4:30 PM	201	42	3	0	0	0	0	0	246
4:30-4:45 PM	224	39	7	1	0	0	0	0	271
4:45-5:00 PM	204	49	11	2	0	0	0	0	266
5:00-5:15 PM	198	44	10	1	0	0	0	0	253
<b>TOTAL VEHICLES</b>	<b>827</b>	<b>174</b>	<b>31</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1036</b>
<b>TOTAL OCCUPANTS</b>	<b>827</b>	<b>348</b>	<b>93</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1284</b>

AVERAGE OCCUPANCY PER VEHICLE = 1.2394

**VEHICLE OCCUPANCY  
TRAFFIC VOLUME SUMMARY**

LOCATION: #4 - 13th Street, South of "A" Street  
WEATHER: Clear, 60°

DATE: 9/28/2004  
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	121	7	1	0	0	0	0	0	129
7:45-8:00 AM	109	3	0	0	0	0	0	0	112
8:00-8:15 AM	103	2	0	0	0	0	0	0	105
8:15-8:30 AM	84	4	1	0	0	0	0	0	89
<b>TOTAL VEHICLES</b>	<b>417</b>	<b>16</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>435</b>
<b>TOTAL OCCUPANTS</b>	<b>417</b>	<b>32</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>455</b>

AVERAGE OCCUPANCY PER VEHICLE = 1.0460

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	72	10	4	1	0	0	0	0	87
4:45-5:00 PM	73	14	1	0	0	0	0	0	88
5:00-5:15 PM	74	12	1	0	0	0	0	0	87
5:15-5:30 PM	73	13	3	0	0	0	0	0	89
<b>TOTAL VEHICLES</b>	<b>292</b>	<b>49</b>	<b>9</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>351</b>
<b>TOTAL OCCUPANTS</b>	<b>292</b>	<b>98</b>	<b>27</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>421</b>

AVERAGE OCCUPANCY PER VEHICLE = 1.1994

DIRECTION: Southbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:30-7:45 AM	49	4	2	0	0	0	0	0	55
7:45-8:00 AM	56	6	1	0	0	0	0	0	63
8:00-8:15 AM	60	2	1	0	0	0	0	0	63
8:15-8:30 AM	50	3	0	1	0	0	0	0	54
<b>TOTAL VEHICLES</b>	<b>215</b>	<b>15</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>235</b>
<b>TOTAL OCCUPANTS</b>	<b>215</b>	<b>30</b>	<b>12</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>261</b>

AVERAGE OCCUPANCY PER VEHICLE = 1.1106

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	150	20	4	0	0	0	0	0	174
4:45-5:00 PM	135	20	1	1	0	0	0	0	157
5:00-5:15 PM	205	28	0	1	0	0	0	0	234
5:15-5:30 PM	174	15	2	0	0	0	0	0	191
<b>TOTAL VEHICLES</b>	<b>664</b>	<b>83</b>	<b>7</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>756</b>
<b>TOTAL OCCUPANTS</b>	<b>664</b>	<b>166</b>	<b>21</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>859</b>

AVERAGE OCCUPANCY PER VEHICLE = 1.1362

**VEHICLE OCCUPANCY  
TRAFFIC VOLUME SUMMARY**

LOCATION: #5 - 16th Street, South of "A" Street  
 WEATHER: Rainy, 70°

PM      AM  
 DATE: 9/21/2004 9/28/2004  
 DAY: Tuesday  
 ROAD COND.: Wet

DIRECTION: Southbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:30-7:45 AM	64	11	1	0	0	0	0	0	76
7:45-8:00 AM	78	18	1	0	0	0	0	0	97
8:00-8:15 AM	58	8	0	0	0	0	0	0	66
8:15-8:30 AM	52	10	0	0	0	0	0	0	62
<b>TOTAL VEHICLES</b>	<b>252</b>	<b>47</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>301</b>
<b>TOTAL OCCUPANTS</b>	<b>252</b>	<b>94</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>352</b>

AVERAGE OCCUPANCY PER VEHICLE = 1.1694

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	178	26	0	0	0	0	0	0	204
4:45-5:00 PM	192	28	0	1	0	0	0	0	221
5:00-5:15 PM	245	47	2	1	0	0	0	0	295
5:15-5:30 PM	213	33	1	2	0	0	0	0	249
<b>TOTAL VEHICLES</b>	<b>828</b>	<b>134</b>	<b>3</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>969</b>
<b>TOTAL OCCUPANTS</b>	<b>828</b>	<b>268</b>	<b>9</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1121</b>

AVERAGE OCCUPANCY PER VEHICLE = 1.1569

**VEHICLE OCCUPANCY  
TRAFFIC VOLUME SUMMARY**

LOCATION: #6 - 17th Street, South of "A" Street  
WEATHER: Clear, 80°

DATE: 9/8/2002  
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	213	27	4	0	0	0	0	0	244
7:30-7:45 AM	245	45	4	0	0	0	0	0	294
7:45-8:00 AM	333	26	0	0	0	0	0	0	359
8:00-8:15 AM	199	13	0	0	0	0	0	0	212
<b>TOTAL VEHICLES</b>	<b>990</b>	<b>111</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1109</b>
<b>TOTAL OCCUPANTS</b>	<b>990</b>	<b>222</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1236</b>

AVERAGE OCCUPANCY PER VEHICLE = 1.1145

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:15-4:30 PM	116	35	6	2	0	0	0	0	159
4:30-4:45 PM	104	26	8	0	0	0	0	0	138
4:45-5:00 PM	130	48	7	1	0	0	0	0	186
5:00-5:15 PM	132	27	8	2	1	0	0	0	170
<b>TOTAL VEHICLES</b>	<b>482</b>	<b>136</b>	<b>29</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>653</b>
<b>TOTAL OCCUPANTS</b>	<b>482</b>	<b>272</b>	<b>87</b>	<b>20</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>866</b>

AVERAGE OCCUPANCY PER VEHICLE = 1.3262

**VEHICLE OCCUPANCY  
TRAFFIC VOLUME SUMMARY**

LOCATION: #7 - 27th Street, South of "A" Street

DATE: 9/8/2004

WEATHER: Clear, 80°

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	267	41	2	0	0	0	0	0	310
7:45-8:00 AM	345	22	2	0	0	0	0	0	369
8:00-8:15 AM	246	22	2	0	0	0	0	0	270
8:15-8:30 AM	187	11	4	1	0	0	0	0	203
<b>TOTAL VEHICLES</b>	<b>1045</b>	<b>96</b>	<b>10</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1152</b>
<b>TOTAL OCCUPANTS</b>	<b>1045</b>	<b>192</b>	<b>30</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1271</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1033

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	150	45	4	1	0	0	0	0	200
4:45-5:00 PM	142	49	11	0	0	0	0	0	202
5:00-5:15 PM	158	43	3	0	0	0	0	0	204
5:15-5:30 PM	156	34	0	0	0	0	0	0	190
<b>TOTAL VEHICLES</b>	<b>606</b>	<b>171</b>	<b>18</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>796</b>
<b>TOTAL OCCUPANTS</b>	<b>606</b>	<b>342</b>	<b>54</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1006</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.2638

DIRECTION: Southbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:30-7:45 AM	108	19	5	2	1	0	0	0	135
7:45-8:00 AM	127	28	3	3	0	0	0	0	161
8:00-8:15 AM	83	11	5	0	0	0	0	0	99
8:15-8:30 AM	96	12	2	1	0	0	0	0	111
<b>TOTAL VEHICLES</b>	<b>414</b>	<b>70</b>	<b>15</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>506</b>
<b>TOTAL OCCUPANTS</b>	<b>414</b>	<b>140</b>	<b>45</b>	<b>24</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>628</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.2411

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	255	47	7	0	0	0	0	0	309
4:45-5:00 PM	244	49	3	2	1	0	0	0	299
5:00-5:15 PM	272	51	7	1	0	0	0	0	331
5:15-5:30 PM	276	41	8	2	2	0	0	0	329
<b>TOTAL VEHICLES</b>	<b>1047</b>	<b>188</b>	<b>25</b>	<b>5</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1268</b>
<b>TOTAL OCCUPANTS</b>	<b>1047</b>	<b>376</b>	<b>75</b>	<b>20</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1533</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.2090

**VEHICLE OCCUPANCY  
TRAFFIC VOLUME SUMMARY**

LOCATION: #8 - Normal Boulevard, at Everett, South of "A" Street

DATE: 9/9/2002

WEATHER: Clear, 80°

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	366	28	2	0	0	0	0	0	396
7:30-7:45 AM	492	42	1	0	0	0	0	0	535
7:45-8:00 AM	430	33	0	1	0	0	0	0	464
8:00-8:15 AM	333	26	0	0	0	0	0	0	359
<b>TOTAL VEHICLES</b>	<b>1621</b>	<b>129</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1754</b>
<b>TOTAL OCCUPANTS</b>	<b>1621</b>	<b>258</b>	<b>9</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1892</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.0787

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	149	44	7	1	0	0	0	0	201
4:45-5:00 PM	178	52	7	3	0	0	0	0	240
5:00-5:15 PM	209	44	8	2	1	0	0	0	264
5:15-5:30 PM	158	37	5	4	0	0	0	0	204
<b>TOTAL VEHICLES</b>	<b>694</b>	<b>177</b>	<b>27</b>	<b>10</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>909</b>
<b>TOTAL OCCUPANTS</b>	<b>694</b>	<b>354</b>	<b>81</b>	<b>40</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1174</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.2915

DIRECTION: Southbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	133	21	1	0	0	0	0	0	155
7:30-7:45 AM	150	19	2	0	0	0	0	0	171
7:45-8:00 AM	166	5	0	0	0	0	0	0	171
8:00-8:15 AM	129	15	0	0	0	0	0	0	144
<b>TOTAL VEHICLES</b>	<b>578</b>	<b>60</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>641</b>
<b>TOTAL OCCUPANTS</b>	<b>578</b>	<b>120</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>707</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1030

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	366	56	3	0	0	1	0	0	426
4:45-5:00 PM	336	39	1	0	0	0	0	0	376
5:00-5:15 PM	394	33	1	0	0	0	0	0	428
5:15-5:30 PM	383	43	0	2	0	0	0	0	428
<b>TOTAL VEHICLES</b>	<b>1479</b>	<b>171</b>	<b>5</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1658</b>
<b>TOTAL OCCUPANTS</b>	<b>1479</b>	<b>342</b>	<b>15</b>	<b>8</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>1850</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1158

**VEHICLE OCCUPANCY  
TRAFFIC VOLUME SUMMARY**

LOCATION: #9 - 40th Street, South of "A" Street

DATE: 9/9/2002

WEATHER: Clear, 80°

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	96	6	0	0	0	0	0	0	102
7:30-7:45 AM	108	17	1	0	0	0	0	0	126
7:45-8:00 AM	128	9	2	2	0	0	0	0	141
8:00-8:15 AM	93	5	1	0	0	0	0	0	99
<b>TOTAL VEHICLES</b>	<b>425</b>	<b>37</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>468</b>
<b>TOTAL OCCUPANTS</b>	<b>425</b>	<b>74</b>	<b>12</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>519</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1090

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	94	24	10	1	0	0	0	0	129
4:45-5:00 PM	89	22	2	0	0	0	0	0	113
5:00-5:15 PM	120	18	3	2	0	0	0	0	143
5:15-5:30 PM	116	12	1	0	0	0	0	0	129
<b>TOTAL VEHICLES</b>	<b>419</b>	<b>76</b>	<b>16</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>514</b>
<b>TOTAL OCCUPANTS</b>	<b>419</b>	<b>152</b>	<b>48</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>631</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.2276

DIRECTION: Southbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	67	18	4	0	0	0	0	0	89
7:30-7:45 AM	108	16	3	0	0	0	0	0	127
7:45-8:00 AM	99	7	2	0	0	0	0	0	108
8:00-8:15 AM	73	5	0	0	0	0	0	0	78
<b>TOTAL VEHICLES</b>	<b>347</b>	<b>46</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>402</b>
<b>TOTAL OCCUPANTS</b>	<b>347</b>	<b>92</b>	<b>27</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>466</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1592

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	120	24	3	0	0	0	0	0	147
4:45-5:00 PM	116	13	2	1	0	0	0	0	132
5:00-5:15 PM	156	19	1	0	0	0	0	0	176
5:15-5:30 PM	128	22	1	0	0	0	0	0	151
<b>TOTAL VEHICLES</b>	<b>520</b>	<b>78</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>606</b>
<b>TOTAL OCCUPANTS</b>	<b>520</b>	<b>156</b>	<b>21</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>701</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1568



**VEHICLE OCCUPANCY  
TRAFFIC VOLUME SUMMARY**

LOCATION: #10 - 48th Street, South of "A" Street  
WEATHER: Clear, 80°

DATE: 9/17/2004  
DAY: Friday  
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	122	21	0	1	0	0	0	0	144
7:45-8:00 AM	125	28	3	0	0	0	0	0	156
8:00-8:15 AM	105	25	2	1	0	0	1	0	134
8:15-8:30 AM	130	13	0	0	0	0	0	0	143
<b>TOTAL VEHICLES</b>	<b>482</b>	<b>87</b>	<b>5</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>577</b>
<b>TOTAL OCCUPANTS</b>	<b>482</b>	<b>174</b>	<b>15</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>686</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1889

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	119	38	6	1	0	0	0	0	164
4:45-5:00 PM	131	42	2	1	0	0	0	0	176
5:00-5:15 PM	127	34	7	3	0	0	0	0	171
5:15-5:30 PM	108	43	4	2	0	0	0	0	157
<b>TOTAL VEHICLES</b>	<b>485</b>	<b>157</b>	<b>19</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>668</b>
<b>TOTAL OCCUPANTS</b>	<b>485</b>	<b>314</b>	<b>57</b>	<b>28</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>884</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.3234

DIRECTION: Southbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:30-7:45 AM	90	24	2	1	0	0	0	0	117
7:45-8:00 AM	121	15	0	0	0	1	0	0	137
8:00-8:15 AM	87	15	1	0	0	0	0	0	103
8:15-8:30 AM	99	19	3	0	0	0	0	0	121
<b>TOTAL VEHICLES</b>	<b>397</b>	<b>73</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>478</b>
<b>TOTAL OCCUPANTS</b>	<b>397</b>	<b>146</b>	<b>18</b>	<b>4</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>571</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1946

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	125	39	8	6	1	0	0	0	179
4:45-5:00 PM	126	40	9	3	0	0	0	0	178
5:00-5:15 PM	130	48	8	4	1	0	0	0	191
5:15-5:30 PM	140	51	6	1	0	0	0	0	198
<b>TOTAL VEHICLES</b>	<b>521</b>	<b>178</b>	<b>31</b>	<b>14</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>746</b>
<b>TOTAL OCCUPANTS</b>	<b>521</b>	<b>356</b>	<b>93</b>	<b>56</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1036</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.3887

**VEHICLE OCCUPANCY  
TRAFFIC VOLUME SUMMARY**

LOCATION: #11 - Cotner Boulevard, South of "A" Street  
WEATHER: Clear, 80°

DATE: 9/24/2004  
DAY: Friday  
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	76	3	1	0	0	0	0	0	80
7:30-7:45 AM	82	13	1	0	0	0	0	0	96
7:45-8:00 AM	113	9	0	0	0	0	0	0	122
8:00-8:15 AM	71	10	1	0	0	0	0	0	82
<b>TOTAL VEHICLES</b>	<b>342</b>	<b>35</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>380</b>
<b>TOTAL OCCUPANTS</b>	<b>342</b>	<b>70</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>421</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1079

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	97	21	2	1	0	0	0	0	121
4:45-5:00 PM	96	30	2	2	0	0	0	0	130
5:00-5:15 PM	87	21	3	0	0	0	0	0	111
5:15-5:30 PM	67	31	5	3	0	0	0	0	106
<b>TOTAL VEHICLES</b>	<b>347</b>	<b>103</b>	<b>12</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>468</b>
<b>TOTAL OCCUPANTS</b>	<b>347</b>	<b>206</b>	<b>36</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>613</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.3098

DIRECTION: Southbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	78	5	0	0	0	0	0	0	83
7:30-7:45 AM	60	8	0	0	0	0	0	0	68
7:45-8:00 AM	79	12	0	0	0	0	0	0	91
8:00-8:15 AM	57	12	0	0	0	0	0	0	69
<b>TOTAL VEHICLES</b>	<b>274</b>	<b>37</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>311</b>
<b>TOTAL OCCUPANTS</b>	<b>274</b>	<b>74</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>348</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1190

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	61	19	1	1	1	0	0	0	83
4:45-5:00 PM	72	11	2	1	0	0	0	0	86
5:00-5:15 PM	87	16	0	0	0	0	0	0	103
5:15-5:30 PM	58	9	2	0	0	0	0	0	69
<b>TOTAL VEHICLES</b>	<b>278</b>	<b>55</b>	<b>5</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>341</b>
<b>TOTAL OCCUPANTS</b>	<b>278</b>	<b>110</b>	<b>15</b>	<b>8</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>416</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.2199

**VEHICLE OCCUPANCY  
TRAFFIC VOLUME SUMMARY**

LOCATION: #12 - 56th Street, South of "A" Street  
WEATHER: Clear, 80°

PM AM  
DATE: 9/13/2004 9/27/2004  
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	186	19	2	0	0	0	0	0	207
7:30-7:45 AM	183	33	4	0	0	0	0	0	220
7:45-8:00 AM	182	30	1	0	0	0	0	0	213
8:00-8:15 AM	151	21	2	0	0	0	0	0	174
<b>TOTAL VEHICLES</b>	<b>702</b>	<b>103</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>814</b>
<b>TOTAL OCCUPANTS</b>	<b>702</b>	<b>206</b>	<b>27</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>935</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1486

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	146	25	1	0	0	0	0	0	172
4:45-5:00 PM	135	34	2	1	0	0	0	0	172
5:00-5:15 PM	171	29	3	0	0	0	0	0	203
5:15-5:30 PM	152	26	0	1	0	0	0	0	179
<b>TOTAL VEHICLES</b>	<b>604</b>	<b>114</b>	<b>6</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>726</b>
<b>TOTAL OCCUPANTS</b>	<b>604</b>	<b>228</b>	<b>18</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>858</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1818

DIRECTION: Southbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	101	7	1	0	0	0	0	0	109
7:30-7:45 AM	129	10	0	1	0	0	0	0	140
7:45-8:00 AM	182	13	0	0	0	0	0	0	195
8:00-8:15 AM	116	15	1	0	1	0	0	0	133
<b>TOTAL VEHICLES</b>	<b>528</b>	<b>45</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>577</b>
<b>TOTAL OCCUPANTS</b>	<b>528</b>	<b>90</b>	<b>6</b>	<b>4</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>633</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.0971

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	227	33	6	1	0	0	0	0	267
4:45-5:00 PM	189	30	5	3	4	0	0	0	231
5:00-5:15 PM	220	43	6	1	0	0	0	0	270
5:15-5:30 PM	195	40	7	2	0	0	0	0	244
<b>TOTAL VEHICLES</b>	<b>831</b>	<b>146</b>	<b>24</b>	<b>7</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1012</b>
<b>TOTAL OCCUPANTS</b>	<b>831</b>	<b>292</b>	<b>72</b>	<b>28</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1243</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.2283

**VEHICLE OCCUPANCY  
TRAFFIC VOLUME SUMMARY**

LOCATION: #13 - 70th Street, South of "A" Street

DATE: 9/27/2004

WEATHER: Clear, 70°

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	299	83	13	5	0	0	0	0	400
7:30-7:45 AM	343	90	21	2	0	0	0	0	456
7:45-8:00 AM	347	56	4	0	0	0	0	0	407
8:00-8:15 AM	244	23	1	0	0	0	0	0	268
<b>TOTAL VEHICLES</b>	<b>1233</b>	<b>252</b>	<b>39</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1531</b>
<b>TOTAL OCCUPANTS</b>	<b>1233</b>	<b>504</b>	<b>117</b>	<b>28</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1882</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.2293

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	224	69	5	2	0	0	0	0	300
4:45-5:00 PM	278	57	2	2	0	0	0	0	339
5:00-5:15 PM	271	57	2	3	0	0	0	0	333
5:15-5:30 PM	288	62	2	1	0	0	0	0	353
<b>TOTAL VEHICLES</b>	<b>1061</b>	<b>245</b>	<b>11</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1325</b>
<b>TOTAL OCCUPANTS</b>	<b>1061</b>	<b>490</b>	<b>33</b>	<b>32</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1616</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.2196

DIRECTION: Southbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	203	21	1	1	0	0	0	0	226
7:30-7:45 AM	261	45	3	0	0	0	0	0	309
7:45-8:00 AM	298	25	0	0	0	0	0	0	323
8:00-8:15 AM	195	27	0	0	0	0	0	0	222
<b>TOTAL VEHICLES</b>	<b>957</b>	<b>118</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1080</b>
<b>TOTAL OCCUPANTS</b>	<b>957</b>	<b>236</b>	<b>12</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1209</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1194

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	380	78	3	2	0	0	0	0	463
4:45-5:00 PM	333	64	4	0	0	0	0	0	401
5:00-5:15 PM	401	67	4	0	0	0	0	0	472
5:15-5:30 PM	346	78	9	1	0	0	0	0	434
<b>TOTAL VEHICLES</b>	<b>1460</b>	<b>287</b>	<b>20</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1770</b>
<b>TOTAL OCCUPANTS</b>	<b>1460</b>	<b>574</b>	<b>60</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2106</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1898

**VEHICLE OCCUPANCY  
TRAFFIC VOLUME SUMMARY**

LOCATION: #14 - 84th Street, South of "A" Street  
WEATHER: Clear,65°

AM, PM-SB PM-NB  
DATE: 9/29/2004 10/4/2004  
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	201	37	3	1	0	0	0	0	242
7:30-7:45 AM	258	58	6	3	0	0	0	0	325
7:45-8:00 AM	245	39	0	0	0	0	0	0	284
8:00-8:15 AM	129	16	0	0	0	0	0	0	145
<b>TOTAL VEHICLES</b>	<b>833</b>	<b>150</b>	<b>9</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>996</b>
<b>TOTAL OCCUPANTS</b>	<b>833</b>	<b>300</b>	<b>27</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1176</b>

AVERAGE OCCUPANCY PER VEHICLE = 1.1807

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
4:45-5:00 PM	92	18	2	0	0	0	0	0	112
5:00-5:15 PM	166	20	4	1	0	0	0	0	191
5:15-5:30 PM	119	18	0	0	0	0	0	0	137
5:30-5:45 PM	124	36	1	0	0	0	0	0	161
<b>TOTAL VEHICLES</b>	<b>501</b>	<b>92</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>601</b>
<b>TOTAL OCCUPANTS</b>	<b>501</b>	<b>184</b>	<b>21</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>710</b>

AVERAGE OCCUPANCY PER VEHICLE = 1.1814

DIRECTION: Southbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
7:15-7:30 AM	113	24	1	1	0	0	0	0	139
7:30-7:45 AM	115	36	8	4	1	1	1	0	166
7:45-8:00 AM	159	32	6	2	0	0	0	0	199
8:00-8:15 AM	93	20	1	1	0	0	0	0	115
<b>TOTAL VEHICLES</b>	<b>480</b>	<b>112</b>	<b>16</b>	<b>8</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>619</b>
<b>TOTAL OCCUPANTS</b>	<b>480</b>	<b>224</b>	<b>48</b>	<b>32</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>0</b>	<b>802</b>

AVERAGE OCCUPANCY PER VEHICLE = 1.2956

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
4:45-5:00 PM	140	26	2	0	1	0	0	0	169
5:00-5:15 PM	216	35	2	1	0	0	0	0	254
5:15-5:30 PM	206	24	3	0	0	0	0	0	233
5:30-5:45 PM	160	30	2	1	0	0	0	0	193
<b>TOTAL VEHICLES</b>	<b>722</b>	<b>115</b>	<b>9</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>849</b>
<b>TOTAL OCCUPANTS</b>	<b>722</b>	<b>230</b>	<b>27</b>	<b>8</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>992</b>

AVERAGE OCCUPANCY PER VEHICLE = 1.1684

**VEHICLE OCCUPANCY  
TRAFFIC VOLUME SUMMARY**

LOCATION: #15 - Fletcher Avenue, East of 27th Street  
WEATHER: Clear, 70

DATE: 9/27/2004  
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	45	8	0	1	0	0	0	0	54
7:30-7:45 AM	59	42	5	0	0	0	0	0	106
7:45-8:00 AM	71	25	4	1	0	0	0	0	101
8:00-8:15 AM	28	5	0	0	0	0	0	0	33
<b>TOTAL VEHICLES</b>	<b>203</b>	<b>80</b>	<b>9</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>294</b>
<b>TOTAL OCCUPANTS</b>	<b>203</b>	<b>160</b>	<b>27</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>398</b>

AVERAGE OCCUPANCY PER VEHICLE = 1.3537

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:45-5:00 PM	86	17	2	2	0	0	0	0	107
5:00-5:15 PM	134	11	3	0	0	0	0	0	148
5:15-5:30 PM	114	16	1	0	0	0	0	0	131
5:30-5:45 PM	106	18	2	0	0	0	0	0	126
<b>TOTAL VEHICLES</b>	<b>440</b>	<b>62</b>	<b>8</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>512</b>
<b>TOTAL OCCUPANTS</b>	<b>440</b>	<b>124</b>	<b>24</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>596</b>

AVERAGE OCCUPANCY PER VEHICLE = 1.1641

DIRECTION: Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	105	9	0	1	0	0	0	0	115
7:30-7:45 AM	139	11	2	0	0	0	0	0	152
7:45-8:00 AM	143	8	1	0	0	0	0	0	152
8:00-8:15 AM	93	8	0	0	0	0	0	0	101
<b>TOTAL VEHICLES</b>	<b>480</b>	<b>36</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>520</b>
<b>TOTAL OCCUPANTS</b>	<b>480</b>	<b>72</b>	<b>9</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>565</b>

AVERAGE OCCUPANCY PER VEHICLE = 1.0865

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:45-5:00 PM	55	21	1	1	0	0	0	0	78
5:00-5:15 PM	59	21	0	1	0	0	0	0	81
5:15-5:30 PM	44	24	4	0	0	0	0	0	72
5:30-5:45 PM	45	12	1	0	0	0	0	0	58
<b>TOTAL VEHICLES</b>	<b>203</b>	<b>78</b>	<b>6</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>289</b>
<b>TOTAL OCCUPANTS</b>	<b>203</b>	<b>156</b>	<b>18</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>385</b>

AVERAGE OCCUPANCY PER VEHICLE = 1.3322

**VEHICLE OCCUPANCY  
TRAFFIC VOLUME SUMMARY**

LOCATION: #16 - Folkways, East of 27th Street

DATE: 9/15/2004

WEATHER: Clear, 80°

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	35	27	8	2	0	0	0	0	72
7:30-7:45 AM	75	95	23	5	0	0	0	0	198
7:45-8:00 AM	50	62	18	5	0	0	0	0	135
8:00-8:15 AM	10	2	2	1	0	0	0	0	15
<b>TOTAL VEHICLES</b>	<b>170</b>	<b>186</b>	<b>51</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>420</b>
<b>TOTAL OCCUPANTS</b>	<b>170</b>	<b>372</b>	<b>153</b>	<b>52</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>747</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.7786

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	20	8	3	0	0	0	0	0	31
4:45-5:00 PM	16	6	3	0	0	0	0	0	25
5:00-5:15 PM	27	14	1	0	0	0	0	0	42
5:15-5:30 PM	35	15	0	1	0	0	0	0	51
<b>TOTAL VEHICLES</b>	<b>98</b>	<b>43</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>149</b>
<b>TOTAL OCCUPANTS</b>	<b>98</b>	<b>86</b>	<b>21</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>209</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.4027

DIRECTION: Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	26	1	2	0	0	0	0	0	29
7:30-7:45 AM	62	6	2	0	0	0	0	0	70
7:45-8:00 AM	108	12	2	0	0	0	0	0	122
8:00-8:15 AM	16	2	1	0	0	0	0	0	19
<b>TOTAL VEHICLES</b>	<b>212</b>	<b>21</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>240</b>
<b>TOTAL OCCUPANTS</b>	<b>212</b>	<b>42</b>	<b>21</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>275</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1458

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	16	6	0	0	0	0	0	0	22
4:45-5:00 PM	31	6	1	0	0	0	0	0	38
5:00-5:15 PM	22	9	1	0	0	0	0	0	32
5:15-5:30 PM	28	8	0	0	0	0	0	0	36
<b>TOTAL VEHICLES</b>	<b>97</b>	<b>29</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>128</b>
<b>TOTAL OCCUPANTS</b>	<b>97</b>	<b>58</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>161</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.2578

**VEHICLE OCCUPANCY  
TRAFFIC VOLUME SUMMARY**

LOCATION: #17 - Superior Street, East of 27th Street  
WEATHER: Clear, 80

DATE: 9/24/2004  
DAY: Friday  
ROAD COND.: Dry

DIRECTION: Eastbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
7:15-7:30 AM	172	36	6	5	1	0	0	0	220
7:30-7:45 AM	192	68	13	12	1	0	0	0	286
7:45-8:00 AM	228	36	11	3	1	0	0	0	279
8:00-8:15 AM	154	12	0	0	0	0	0	0	166
<b>TOTAL VEHICLES</b>	<b>746</b>	<b>152</b>	<b>30</b>	<b>20</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>951</b>
<b>TOTAL OCCUPANTS</b>	<b>746</b>	<b>304</b>	<b>90</b>	<b>80</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1235</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.2986

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
4:30-4:45 PM	155	54	10	0	1	0	0	0	220
4:45-5:00 PM	176	72	10	3	2	0	0	0	263
5:00-5:15 PM	163	56	14	2	1	0	0	0	236
5:15-5:30 PM	172	56	9	1	0	0	0	0	238
<b>TOTAL VEHICLES</b>	<b>666</b>	<b>238</b>	<b>43</b>	<b>6</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>957</b>
<b>TOTAL OCCUPANTS</b>	<b>666</b>	<b>476</b>	<b>129</b>	<b>24</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1315</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.3741

DIRECTION: Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
7:15-7:30 AM	86	16	1	0	0	0	0	0	103
7:30-7:45 AM	144	17	3	0	0	0	0	0	164
7:45-8:00 AM	179	13	5	3	0	0	0	0	200
8:00-8:15 AM	94	9	0	0	0	0	0	0	103
<b>TOTAL VEHICLES</b>	<b>503</b>	<b>55</b>	<b>9</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>570</b>
<b>TOTAL OCCUPANTS</b>	<b>503</b>	<b>110</b>	<b>27</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>652</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1439

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
4:30-4:45 PM	276	31	4	3	0	0	0	0	314
4:45-5:00 PM	243	36	4	2	0	0	0	0	285
5:00-5:15 PM	243	63	1	1	0	0	0	0	308
5:15-5:30 PM	246	64	5	0	0	0	0	0	315
<b>TOTAL VEHICLES</b>	<b>1008</b>	<b>194</b>	<b>14</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1222</b>
<b>TOTAL OCCUPANTS</b>	<b>1008</b>	<b>388</b>	<b>42</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1462</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1964



**VEHICLE OCCUPANCY  
TRAFFIC VOLUME SUMMARY**

LOCATION: #18 - Cornhusker Hwy., East of 27th Street  
WEATHER: Rainy, 65

DATE: 9/23/2004  
DAY: Thursday  
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	215	30	3	1	0	0	0	0	249
7:30-7:45 AM	198	24	8	1	0	0	0	0	231
7:45-8:00 AM	220	16	4	0	0	0	0	0	240
8:00-8:15 AM	145	11	3	1	0	0	0	0	160
<b>TOTAL VEHICLES</b>	<b>778</b>	<b>81</b>	<b>18</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>880</b>
<b>TOTAL OCCUPANTS</b>	<b>778</b>	<b>162</b>	<b>54</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1006</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1432

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
4:30-4:45 PM	231	60	4	3	0	0	0	0	298
4:45-5:00 PM	253	50	6	3	0	0	0	0	312
5:00-5:15 PM	344	60	4	4	0	0	0	0	412
5:15-5:30 PM	264	62	8	2	0	0	0	0	336
<b>TOTAL VEHICLES</b>	<b>1092</b>	<b>232</b>	<b>22</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1358</b>
<b>TOTAL OCCUPANTS</b>	<b>1092</b>	<b>464</b>	<b>66</b>	<b>48</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1670</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.2297

DIRECTION: Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
7:15-7:30 AM	203	21	0	0	0	0	0	0	224
7:30-7:45 AM	224	31	4	1	0	0	0	0	260
7:45-8:00 AM	228	19	1	0	0	0	0	0	248
8:00-8:15 AM	154	11	0	0	0	0	0	0	165
<b>TOTAL VEHICLES</b>	<b>809</b>	<b>82</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>897</b>
<b>TOTAL OCCUPANTS</b>	<b>809</b>	<b>164</b>	<b>15</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>992</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1059

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
4:30-4:45 PM	251	46	12	2	1	0	0	0	312
4:45-5:00 PM	232	73	8	2	2	0	0	0	317
5:00-5:15 PM	282	67	12	1	0	0	0	0	362
5:15-5:30 PM	211	76	10	1	0	0	0	0	298
<b>TOTAL VEHICLES</b>	<b>976</b>	<b>262</b>	<b>42</b>	<b>6</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1289</b>
<b>TOTAL OCCUPANTS</b>	<b>976</b>	<b>524</b>	<b>126</b>	<b>24</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1665</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.2917

**VEHICLE OCCUPANCY  
TRAFFIC VOLUME SUMMARY**

LOCATION: #19 - Holdrege Street, East of 27th Street

DATE: 9/16/2004

WEATHER: Clear, 80°

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	22	5	2	1	0	0	0	122
7:45-8:00 AM	102	22	5	2	0	0	0	0	131
8:00-8:15 AM	79	16	1	0	0	0	0	0	96
8:15-8:30 AM	78	11	0	0	0	0	0	0	89
<b>TOTAL VEHICLES</b>	<b>351</b>	<b>71</b>	<b>11</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>438</b>
<b>TOTAL OCCUPANTS</b>	<b>351</b>	<b>142</b>	<b>33</b>	<b>16</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>547</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.2489

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:45-5:00 PM	171	39	5	2	0	0	0	0	217
5:00-5:15 PM	204	43	7	1	0	0	0	0	255
5:15-5:30 PM	169	43	10	1	2	0	0	0	225
5:30-5:45 PM	130	45	2	0	0	0	0	0	177
<b>TOTAL VEHICLES</b>	<b>674</b>	<b>170</b>	<b>24</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>874</b>
<b>TOTAL OCCUPANTS</b>	<b>674</b>	<b>340</b>	<b>72</b>	<b>16</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1112</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.2723

DIRECTION: Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:30-7:45 AM	167	20	4	2	0	0	0	0	193
7:45-8:00 AM	185	19	1	1	0	0	0	0	206
8:00-8:15 AM	127	17	3	1	0	0	0	0	148
8:15-8:30 AM	113	18	1	0	0	0	0	0	132
<b>TOTAL VEHICLES</b>	<b>592</b>	<b>74</b>	<b>9</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>679</b>
<b>TOTAL OCCUPANTS</b>	<b>592</b>	<b>148</b>	<b>27</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>783</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1532

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:45-5:00 PM	141	23	3	1	0	0	1	0	169
5:00-5:15 PM	163	37	4	2	0	1	0	0	207
5:15-5:30 PM	148	20	8	2	3	0	0	0	181
5:30-5:45 PM	143	25	10	3	1	0	0	0	182
<b>TOTAL VEHICLES</b>	<b>595</b>	<b>105</b>	<b>25</b>	<b>8</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>739</b>
<b>TOTAL OCCUPANTS</b>	<b>595</b>	<b>210</b>	<b>75</b>	<b>32</b>	<b>20</b>	<b>6</b>	<b>7</b>	<b>0</b>	<b>945</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.2788

**VEHICLE OCCUPANCY  
TRAFFIC VOLUME SUMMARY**

LOCATION: #20 - Vine Street, East of 27th Street  
WEATHER: Clear, 70

PM AM  
DATE: 10/8/2004 10/22/2004  
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	85	18	1	1	0	0	0	0	105
7:30-7:45 AM	83	17	4	0	1	0	0	0	105
7:45-8:00 AM	107	19	2	2	2	0	0	0	132
8:00-8:15 AM	72	10	1	3	0	1	0	0	87
<b>TOTAL VEHICLES</b>	<b>347</b>	<b>64</b>	<b>8</b>	<b>6</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>429</b>
<b>TOTAL OCCUPANTS</b>	<b>347</b>	<b>128</b>	<b>24</b>	<b>24</b>	<b>15</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>544</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.2681

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	208	42	2	2	0	0	0	0	254
4:45-5:00 PM	189	56	6	0	0	0	0	0	251
5:00-5:15 PM	226	44	4	0	0	0	0	0	274
5:15-5:30 PM	193	67	7	0	0	1	1	0	269
<b>TOTAL VEHICLES</b>	<b>816</b>	<b>209</b>	<b>19</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1048</b>
<b>TOTAL OCCUPANTS</b>	<b>816</b>	<b>418</b>	<b>57</b>	<b>8</b>	<b>0</b>	<b>6</b>	<b>7</b>	<b>0</b>	<b>1312</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.2519

DIRECTION: Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	110	21	0	0	0	0	0	0	131
7:30-7:45 AM	163	21	5	0	0	0	0	0	189
7:45-8:00 AM	116	13	1	0	0	0	0	0	130
8:00-8:15 AM	156	14	0	1	0	0	0	0	171
<b>TOTAL VEHICLES</b>	<b>545</b>	<b>69</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>621</b>
<b>TOTAL OCCUPANTS</b>	<b>545</b>	<b>138</b>	<b>18</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>705</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1353

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	145	52	12	1	0	0	0	0	210
4:45-5:00 PM	85	52	3	3	0	0	0	0	143
5:00-5:15 PM	155	42	7	1	0	0	0	0	205
5:15-5:30 PM	98	57	9	2	0	0	0	0	166
<b>TOTAL VEHICLES</b>	<b>483</b>	<b>203</b>	<b>31</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>724</b>
<b>TOTAL OCCUPANTS</b>	<b>483</b>	<b>406</b>	<b>93</b>	<b>28</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1010</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.3950

**VEHICLE OCCUPANCY  
TRAFFIC VOLUME SUMMARY**

LOCATION: #21 - "O" Street, East of 27th Street  
WEATHER: Clear, 60°

AM-EB, PM AM-WB  
DATE: 10/8/2004 10/22/2004  
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	155	20	4	0	0	0	0	0	179
7:30-7:45 AM	171	21	5	1	1	0	0	0	199
7:45-8:00 AM	228	29	6	1	0	0	0	0	264
8:00-8:15 AM	159	26	3	6	1	0	0	0	195
<b>TOTAL VEHICLES</b>	<b>713</b>	<b>96</b>	<b>18</b>	<b>8</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>837</b>
<b>TOTAL OCCUPANTS</b>	<b>713</b>	<b>192</b>	<b>54</b>	<b>32</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1001</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1959

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:45-5:00 PM	234	100	21	4	1	0	0	0	360
5:00-5:15 PM	266	97	14	3	1	0	0	0	381
5:15-5:30 PM	250	89	17	9	2	0	0	0	367
5:30-5:45 PM	234	102	17	3	1	0	0	0	357
<b>TOTAL VEHICLES</b>	<b>984</b>	<b>388</b>	<b>69</b>	<b>19</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1465</b>
<b>TOTAL OCCUPANTS</b>	<b>984</b>	<b>776</b>	<b>207</b>	<b>76</b>	<b>25</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2068</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.4116

DIRECTION: Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	205	26	0	1	0	0	0	0	232
7:30-7:45 AM	285	35	2	1	0	0	0	0	323
7:45-8:00 AM	286	41	4	1	0	0	0	0	332
8:00-8:15 AM	223	24	2	1	0	0	0	0	250
<b>TOTAL VEHICLES</b>	<b>999</b>	<b>126</b>	<b>8</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1137</b>
<b>TOTAL OCCUPANTS</b>	<b>999</b>	<b>252</b>	<b>24</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1291</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1354

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:45-5:00 PM	203	70	21	1	0	0	0	0	295
5:00-5:15 PM	218	93	11	5	0	0	0	0	327
5:15-5:30 PM	203	87	16	4	0	0	0	0	310
5:30-5:45 PM	175	84	7	3	0	0	0	0	269
<b>TOTAL VEHICLES</b>	<b>799</b>	<b>334</b>	<b>55</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1201</b>
<b>TOTAL OCCUPANTS</b>	<b>799</b>	<b>668</b>	<b>165</b>	<b>52</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1684</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.4022

**VEHICLE OCCUPANCY  
TRAFFIC VOLUME SUMMARY**

LOCATION: #22 - Randolph Street, East of 27th Street

DATE: 9/20/2004

WEATHER: Cloudy, 30°

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	52	9	4	1	0	0	0	0	66
7:30-7:45 AM	57	9	4	1	1	0	0	0	72
7:45-8:00 AM	89	13	0	0	0	0	0	0	102
8:00-8:15 AM	51	2	0	1	0	0	0	0	54
<b>TOTAL VEHICLES</b>	<b>249</b>	<b>33</b>	<b>8</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>294</b>
<b>TOTAL OCCUPANTS</b>	<b>249</b>	<b>66</b>	<b>24</b>	<b>12</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>356</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.2109

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:15-4:30 PM	86	19	2	0	0	0	0	0	107
4:30-4:45 PM	87	16	1	0	0	0	0	0	104
4:45-5:00 PM	99	13	3	1	0	0	0	0	116
5:00-5:15 PM	121	18	1	0	0	0	0	0	140
<b>TOTAL VEHICLES</b>	<b>393</b>	<b>66</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>467</b>
<b>TOTAL OCCUPANTS</b>	<b>393</b>	<b>132</b>	<b>21</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>550</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1777

DIRECTION: Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	90	13	1	0	0	0	0	0	104
7:30-7:45 AM	122	30	3	0	0	0	0	0	155
7:45-8:00 AM	118	26	0	1	0	0	0	0	145
8:00-8:15 AM	76	8	2	0	0	0	0	0	86
<b>TOTAL VEHICLES</b>	<b>406</b>	<b>77</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>490</b>
<b>TOTAL OCCUPANTS</b>	<b>406</b>	<b>154</b>	<b>18</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>582</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1878

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:15-4:30 PM	68	22	1	0	0	0	0	0	91
4:30-4:45 PM	66	13	2	1	0	0	0	0	82
4:45-5:00 PM	75	18	5	0	0	0	0	0	98
5:00-5:15 PM	65	16	3	1	0	0	0	0	85
<b>TOTAL VEHICLES</b>	<b>274</b>	<b>69</b>	<b>11</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>356</b>
<b>TOTAL OCCUPANTS</b>	<b>274</b>	<b>138</b>	<b>33</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>453</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.2725

**VEHICLE OCCUPANCY  
TRAFFIC VOLUME SUMMARY**

LOCATION: #23 - Capitol Parkway, East of 27th Street  
WEATHER: Rainy, 70°

AM, PM-EB PM-WB  
DATE: 9/28/2004 9/21/2004  
DAY: Tuesday  
ROAD COND.: Wet

DIRECTION: Eastbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	104	18	3	0	0	0	0	0	125
7:30-7:45 AM	170	19	4	0	0	0	0	0	193
7:45-8:00 AM	155	31	4	2	0	0	0	0	192
8:00-8:15 AM	143	17	3	1	0	0	0	0	164
<b>TOTAL VEHICLES</b>	<b>572</b>	<b>85</b>	<b>14</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>674</b>
<b>TOTAL OCCUPANTS</b>	<b>572</b>	<b>170</b>	<b>42</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>796</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1810

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	307	42	5	0	0	0	0	0	354
4:45-5:00 PM	376	38	6	0	0	0	0	0	420
5:00-5:15 PM	388	52	11	1	0	0	0	1	453
5:15-5:30 PM	421	52	3	4	0	0	0	0	480
<b>TOTAL VEHICLES</b>	<b>1492</b>	<b>184</b>	<b>25</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1707</b>
<b>TOTAL OCCUPANTS</b>	<b>1492</b>	<b>368</b>	<b>75</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>1963</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1500

DIRECTION: Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	366	32	3	1	0	0	0	0	402
7:30-7:45 AM	494	40	4	0	0	0	0	0	538
7:45-8:00 AM	474	26	5	0	1	0	0	0	506
8:00-8:15 AM	379	18	2	0	0	0	0	0	399
<b>TOTAL VEHICLES</b>	<b>1713</b>	<b>116</b>	<b>14</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1845</b>
<b>TOTAL OCCUPANTS</b>	<b>1713</b>	<b>232</b>	<b>42</b>	<b>4</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1996</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.0818

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:30-4:45 PM	133	27	7	1	0	0	0	1	169
4:45-5:00 PM	140	31	4	4	0	0	0	0	179
5:00-5:15 PM	193	28	11	1	1	0	0	0	234
5:15-5:30 PM	136	40	5	1	0	0	0	0	182
<b>TOTAL VEHICLES</b>	<b>602</b>	<b>126</b>	<b>27</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>764</b>
<b>TOTAL OCCUPANTS</b>	<b>602</b>	<b>252</b>	<b>81</b>	<b>28</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>976</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.2775

**VEHICLE OCCUPANCY  
TRAFFIC VOLUME SUMMARY**

LOCATION: #24 - "A" Street, East of 27th Street  
WEATHER: Windy, 70°

DATE: 9/20/2004  
DAY: Monday  
ROAD COND.: Dry

DIRECTION: Eastbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
7:30-7:45 AM	103	16	4	0	0	0	0	0	123
7:45-8:00 AM	90	16	6	1	0	0	0	0	113
8:00-8:15 AM	74	13	0	0	3	0	0	0	90
8:15-8:30 AM	77	7	1	0	0	0	0	0	85
<b>TOTAL VEHICLES</b>	<b>344</b>	<b>52</b>	<b>11</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>411</b>
<b>TOTAL OCCUPANTS</b>	<b>344</b>	<b>104</b>	<b>33</b>	<b>4</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.2165

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
4:30-4:45 PM	108	20	5	0	0	0	0	0	133
4:45-5:00 PM	90	15	0	0	0	0	0	0	105
5:00-5:15 PM	96	18	1	1	0	0	0	0	116
5:15-5:30 PM	94	27	2	0	0	0	0	0	123
<b>TOTAL VEHICLES</b>	<b>388</b>	<b>80</b>	<b>8</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>477</b>
<b>TOTAL OCCUPANTS</b>	<b>388</b>	<b>160</b>	<b>24</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>576</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.2075

DIRECTION: Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
7:30-7:45 AM	74	11	3	2	0	0	0	0	90
7:45-8:00 AM	106	9	1	0	0	0	0	0	116
8:00-8:15 AM	67	6	2	0	0	0	0	0	75
8:15-8:30 AM	55	7	1	0	0	0	0	0	63
<b>TOTAL VEHICLES</b>	<b>302</b>	<b>33</b>	<b>7</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>344</b>
<b>TOTAL OCCUPANTS</b>	<b>302</b>	<b>66</b>	<b>21</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>397</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1541

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
4:30-4:45 PM	86	13	2	0	0	0	0	0	101
4:45-5:00 PM	111	19	2	1	1	0	0	0	134
5:00-5:15 PM	110	29	0	0	0	0	0	0	139
5:15-5:30 PM	105	30	4	0	0	0	0	0	139
<b>TOTAL VEHICLES</b>	<b>412</b>	<b>91</b>	<b>8</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>513</b>
<b>TOTAL OCCUPANTS</b>	<b>412</b>	<b>182</b>	<b>24</b>	<b>4</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>627</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.2222

**VEHICLE OCCUPANCY  
TRAFFIC VOLUME SUMMARY**

LOCATION: #25 - South Street, East of 27th Street  
WEATHER: Cloudy, 70°

DATE: 9/21/2004  
DAY: Tuesday  
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	98	24	4	0	0	0	0	0	126
7:30-7:45 AM	115	41	3	3	1	0	0	0	163
7:45-8:00 AM	138	19	4	2	0	0	0	0	163
8:00-8:15 AM	92	13	2	0	0	0	0	0	107
<b>TOTAL VEHICLES</b>	<b>443</b>	<b>97</b>	<b>13</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>559</b>
<b>TOTAL OCCUPANTS</b>	<b>443</b>	<b>194</b>	<b>39</b>	<b>20</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>701</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.2540

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
4:45-5:00 PM	116	22	3	0	0	0	0	0	141
5:00-5:15 PM	113	22	2	1	0	0	0	0	138
5:15-5:30 PM	118	23	7	1	1	0	0	0	150
5:30-5:45 PM	108	25	8	1	0	0	0	0	142
<b>TOTAL VEHICLES</b>	<b>455</b>	<b>92</b>	<b>20</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>571</b>
<b>TOTAL OCCUPANTS</b>	<b>455</b>	<b>184</b>	<b>60</b>	<b>12</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>716</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.2539

DIRECTION: Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
7:15-7:30 AM	122	21	1	1	2	0	0	0	147
7:30-7:45 AM	195	25	2	0	0	0	0	0	222
7:45-8:00 AM	227	20	1	0	0	0	0	0	248
8:00-8:15 AM	133	9	0	0	0	0	0	0	142
<b>TOTAL VEHICLES</b>	<b>677</b>	<b>75</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>759</b>
<b>TOTAL OCCUPANTS</b>	<b>677</b>	<b>150</b>	<b>12</b>	<b>4</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>853</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1238

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
4:45-5:00 PM	172	14	3	0	0	0	0	0	189
5:00-5:15 PM	205	18	0	0	0	0	0	0	223
5:15-5:30 PM	167	20	1	0	0	0	0	0	188
5:30-5:45 PM	133	16	2	0	0	0	0	0	151
<b>TOTAL VEHICLES</b>	<b>677</b>	<b>68</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>751</b>
<b>TOTAL OCCUPANTS</b>	<b>677</b>	<b>136</b>	<b>18</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>831</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1065



**VEHICLE OCCUPANCY  
TRAFFIC VOLUME SUMMARY**

LOCATION: #26 - Sheridan Boulevard, East of 27th Street  
WEATHER: Clear, 70°

DATE: 9/22/2004  
DAY: Wednesday  
ROAD COND.: Dry

DIRECTION: Eastbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
7:15-7:30 AM	28	8	1	0	0	0	0	0	37
7:30-7:45 AM	22	8	3	1	0	0	0	0	34
7:45-8:00 AM	39	9	0	1	0	0	0	0	49
8:00-8:15 AM	19	5	0	0	0	0	0	0	24
<b>TOTAL VEHICLES</b>	<b>108</b>	<b>30</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>144</b>
<b>TOTAL OCCUPANTS</b>	<b>108</b>	<b>60</b>	<b>12</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>188</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.3056

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
4:45-5:00 PM	75	6	0	1	0	0	0	0	82
5:00-5:15 PM	133	19	1	2	0	0	0	0	155
5:15-5:30 PM	140	15	1	1	0	0	0	0	157
5:30-5:45 PM	106	16	2	2	0	0	0	0	126
<b>TOTAL VEHICLES</b>	<b>454</b>	<b>56</b>	<b>4</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>520</b>
<b>TOTAL OCCUPANTS</b>	<b>454</b>	<b>112</b>	<b>12</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>602</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1577

DIRECTION: Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
7:15-7:30 AM	61	6	0	0	0	0	0	0	67
7:30-7:45 AM	97	6	0	0	0	0	0	0	103
7:45-8:00 AM	96	9	1	0	0	0	0	0	106
8:00-8:15 AM	52	1	0	0	0	0	0	0	53
<b>TOTAL VEHICLES</b>	<b>306</b>	<b>22</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>329</b>
<b>TOTAL OCCUPANTS</b>	<b>306</b>	<b>44</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>353</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.0729

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
4:45-5:00 PM	50	18	2	0	0	0	0	0	70
5:00-5:15 PM	43	17	3	0	0	0	0	0	63
5:15-5:30 PM	68	20	5	2	0	0	0	0	95
5:30-5:45 PM	70	14	3	0	0	0	0	0	87
<b>TOTAL VEHICLES</b>	<b>231</b>	<b>69</b>	<b>13</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>315</b>
<b>TOTAL OCCUPANTS</b>	<b>231</b>	<b>138</b>	<b>39</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>416</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.3206

**VEHICLE OCCUPANCY  
TRAFFIC VOLUME SUMMARY**

LOCATION: #27 - Nebraska Hwy 2, East of 27th Street

DATE: 9/28/2004

WEATHER: Clear, 60°

DAY: Tuesday

ROAD COND.: Dry

DIRECTION: Eastbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
7:15-7:30 AM	255	34	4	1	0	0	0	0	294
7:30-7:45 AM	243	37	1	0	0	0	0	0	281
7:45-8:00 AM	265	33	1	0	0	0	0	0	299
8:00-8:15 AM	240	20	0	0	0	0	0	0	260
<b>TOTAL VEHICLES</b>	<b>1003</b>	<b>124</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1134</b>
<b>TOTAL OCCUPANTS</b>	<b>1003</b>	<b>248</b>	<b>18</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1273</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1226

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
4:45-5:00 PM	318	72	5	0	0	0	0	0	395
5:00-5:15 PM	346	77	3	0	0	0	0	0	426
5:15-5:30 PM	327	50	8	1	1	0	0	0	387
5:30-5:45 PM	349	77	4	1	0	0	0	0	431
<b>TOTAL VEHICLES</b>	<b>1340</b>	<b>276</b>	<b>20</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1639</b>
<b>TOTAL OCCUPANTS</b>	<b>1340</b>	<b>552</b>	<b>60</b>	<b>8</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1965</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1989

DIRECTION: Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
7:15-7:30 AM	418	30	3	0	0	0	0	0	451
7:30-7:45 AM	413	36	2	0	0	0	0	0	451
7:45-8:00 AM	468	38	2	0	0	0	0	0	508
8:00-8:15 AM	310	25	3	1	0	0	0	0	339
<b>TOTAL VEHICLES</b>	<b>1609</b>	<b>129</b>	<b>10</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1749</b>
<b>TOTAL OCCUPANTS</b>	<b>1609</b>	<b>258</b>	<b>30</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1901</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.0869

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
4:45-5:00 PM	286	57	3	1	1	0	0	0	348
5:00-5:15 PM	304	60	6	2	0	0	0	0	372
5:15-5:30 PM	300	74	3	5	0	0	0	0	382
5:30-5:45 PM	284	100	8	2	0	0	0	0	394
<b>TOTAL VEHICLES</b>	<b>1174</b>	<b>291</b>	<b>20</b>	<b>10</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1496</b>
<b>TOTAL OCCUPANTS</b>	<b>1174</b>	<b>582</b>	<b>60</b>	<b>40</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1861</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.2440

**VEHICLE OCCUPANCY  
TRAFFIC VOLUME SUMMARY**

LOCATION: #28 - Old Cheney Road, East of 27th Street  
WEATHER: Clear, 70o

DATE: 9/22/2004  
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	139	21	2	0	0	0	0	0	162
7:30-7:45 AM	164	32	2	0	1	0	0	0	199
7:45-8:00 AM	212	25	2	0	1	0	0	0	240
8:00-8:15 AM	130	18	3	0	0	0	0	0	151
<b>TOTAL VEHICLES</b>	<b>645</b>	<b>96</b>	<b>9</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>752</b>
<b>TOTAL OCCUPANTS</b>	<b>645</b>	<b>192</b>	<b>27</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>874</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1622

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:45-5:00 PM	279	36	4	1	0	0	0	0	320
5:00-5:15 PM	376	53	7	2	0	1	0	0	439
5:15-5:30 PM	324	55	3	2	1	0	0	0	385
5:30-5:45 PM	241	40	5	2	0	0	0	0	288
<b>TOTAL VEHICLES</b>	<b>1220</b>	<b>184</b>	<b>19</b>	<b>7</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1432</b>
<b>TOTAL OCCUPANTS</b>	<b>1220</b>	<b>368</b>	<b>57</b>	<b>28</b>	<b>5</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>1684</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1760

DIRECTION: Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
7:15-7:30 AM	249	27	4	0	0	0	0	0	280
7:30-7:45 AM	331	40	4	2	1	0	0	0	378
7:45-8:00 AM	316	23	4	1	0	0	0	0	344
8:00-8:15 AM	192	21	1	0	0	0	0	0	214
<b>TOTAL VEHICLES</b>	<b>1088</b>	<b>111</b>	<b>13</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1216</b>
<b>TOTAL OCCUPANTS</b>	<b>1088</b>	<b>222</b>	<b>39</b>	<b>12</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1366</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.1234

TIME	NUMBER OF OCCUPANTS IN VEHICLE								TOTAL
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	
4:45-5:00 PM	180	37	3	1	0	0	0	0	221
5:00-5:15 PM	203	48	8	3	0	0	0	0	262
5:15-5:30 PM	171	49	2	2	1	0	0	0	225
5:30-5:45 PM	173	38	5	2	1	0	0	0	219
<b>TOTAL VEHICLES</b>	<b>727</b>	<b>172</b>	<b>18</b>	<b>8</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>927</b>
<b>TOTAL OCCUPANTS</b>	<b>727</b>	<b>344</b>	<b>54</b>	<b>32</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1167</b>
AVERAGE OCCUPANCY PER VEHICLE =									1.2589

**VEHICLE OCCUPANCY  
TRAFFIC VOLUME SUMMARY**

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

DATE: 9/23/2004

WEATHER: Clear, 60°

DAY: Thursday

ROAD COND.: Dry

DIRECTION: Eastbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
7:15-7:30 AM	118	12	0	0	0	0	0	0	130
7:30-7:45 AM	174	15	1	0	0	0	0	0	190
7:45-8:00 AM	228	23	3	0	0	0	0	0	254
8:00-8:15 AM	156	9	1	0	0	0	0	0	166
<b>TOTAL VEHICLES</b>	<b>676</b>	<b>59</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>740</b>
<b>TOTAL OCCUPANTS</b>	<b>676</b>	<b>118</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>809</b>

AVERAGE OCCUPANCY PER VEHICLE = 1.0932

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
5:00-5:15 PM	221	39	3	3	0	0	0	0	266
5:15-5:30 PM	207	42	3	2	0	0	0	0	254
5:30-5:45 PM	237	55	3	0	0	0	0	0	295
5:45-6:00 PM	161	45	5	4	0	0	0	0	215
<b>TOTAL VEHICLES</b>	<b>826</b>	<b>181</b>	<b>14</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1030</b>
<b>TOTAL OCCUPANTS</b>	<b>826</b>	<b>362</b>	<b>42</b>	<b>36</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1266</b>

AVERAGE OCCUPANCY PER VEHICLE = 1.2291

DIRECTION: Westbound

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
7:15-7:30 AM	193	31	4	0	0	0	0	0	228
7:30-7:45 AM	249	143	9	4	1	0	0	0	406
7:45-8:00 AM	227	106	10	2	0	0	0	0	345
8:00-8:15 AM	168	42	0	0	0	0	0	0	210
<b>TOTAL VEHICLES</b>	<b>837</b>	<b>322</b>	<b>23</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1189</b>
<b>TOTAL OCCUPANTS</b>	<b>837</b>	<b>644</b>	<b>69</b>	<b>24</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1579</b>

AVERAGE OCCUPANCY PER VEHICLE = 1.3280

TIME	NUMBER OF OCCUPANTS IN VEHICLE								
	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT+	TOTAL
5:00-5:15 PM	173	48	6	2	0	0	0	0	229
5:15-5:30 PM	177	44	5	2	1	0	0	0	229
5:30-5:45 PM	149	45	10	0	0	0	0	0	204
5:45-6:00 PM	162	55	7	1	0	0	0	0	225
<b>TOTAL VEHICLES</b>	<b>661</b>	<b>192</b>	<b>28</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>887</b>
<b>TOTAL OCCUPANTS</b>	<b>661</b>	<b>384</b>	<b>84</b>	<b>20</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1154</b>

AVERAGE OCCUPANCY PER VEHICLE = 1.3010

## **Standard Deviation Calculations**

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

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

$$SOL = \left[ \frac{29 \times 422,591.08}{(39,767)^2} \right]^{\frac{1}{2}} = 0.0880 \text{ occupants/vehicle}$$

P.M. Peak

$$SOL = \left[ \frac{29 \times 517,278.52}{(46,631)^2} \right]^{\frac{1}{2}} = 0.0831 \text{ occupants/vehicle}$$

Combined

$$SOL = \left[ \frac{29 \times 820,118.12}{(86,398)^2} \right]^{\frac{1}{2}} = 0.0564 \text{ occupants/vehicle}$$

## **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 1<sup>st</sup> (2002) sample = 1.1780 occupants/vehicle,
- $X_2$  = mean (average) of 2<sup>nd</sup> (2004) sample = 1.2001 occupants/vehicle,
- $S_1$  = standard deviation of 1<sup>st</sup> (2002) sample = 0.0505 occupants/vehicle,
- $S_2$  = standard deviation of 2<sup>nd</sup> (2004) sample = 0.0564 occupants/vehicle,
- $N_1$  = number of observations in 1<sup>st</sup> (2002) sample = 29, and
- $N_2$  = number of observations in 2<sup>nd</sup> (2004) 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, 1.5721 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 2002 and 2004 is not significant.