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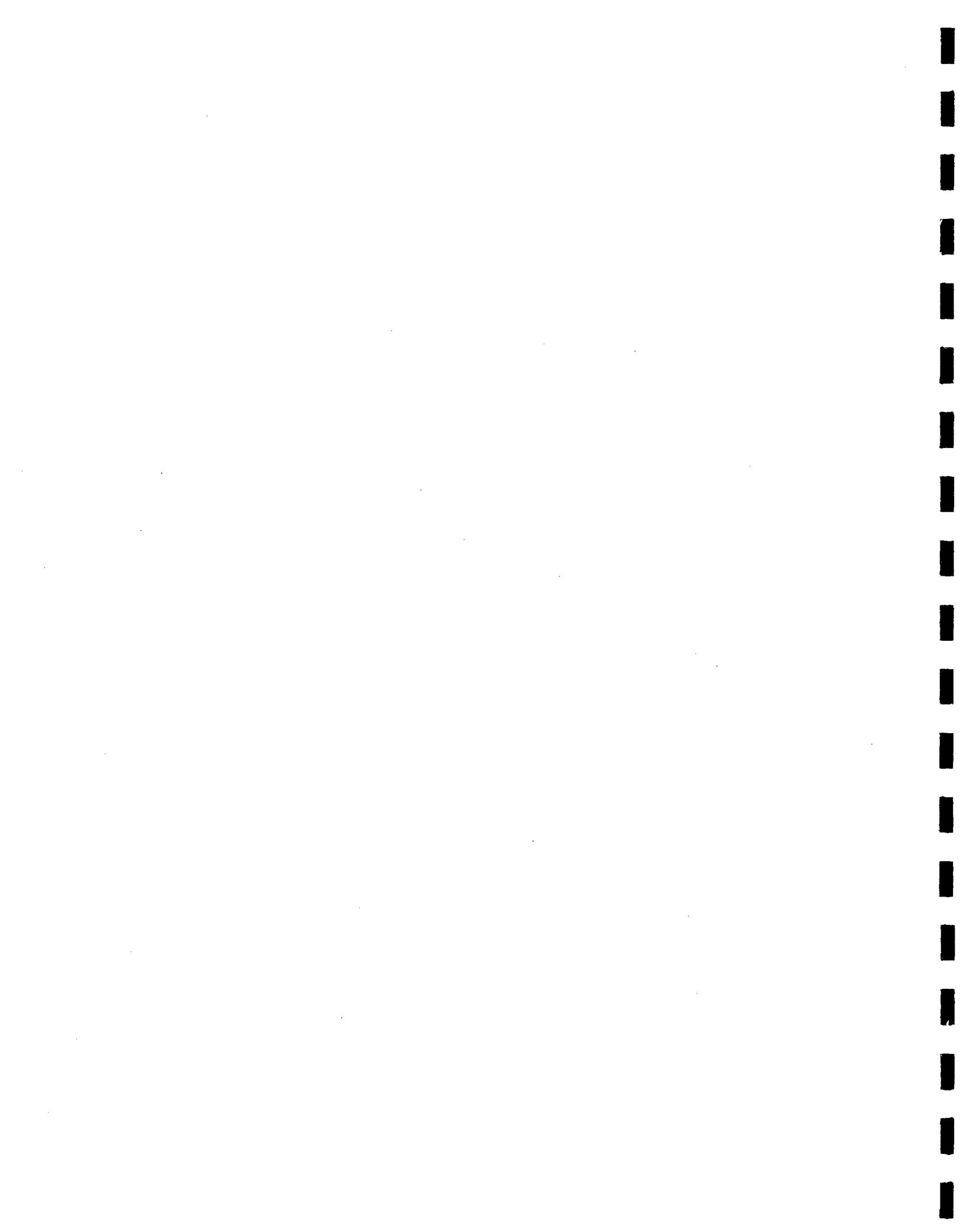
FINAL REPORT

**Ahmad Al-Akhras, Ph.D., P.E.
Robert Lawler, P.E.**

December 1998



**Mid-Ohio Regional Planning Commission
285 East Main Street
Columbus, OH 43215**



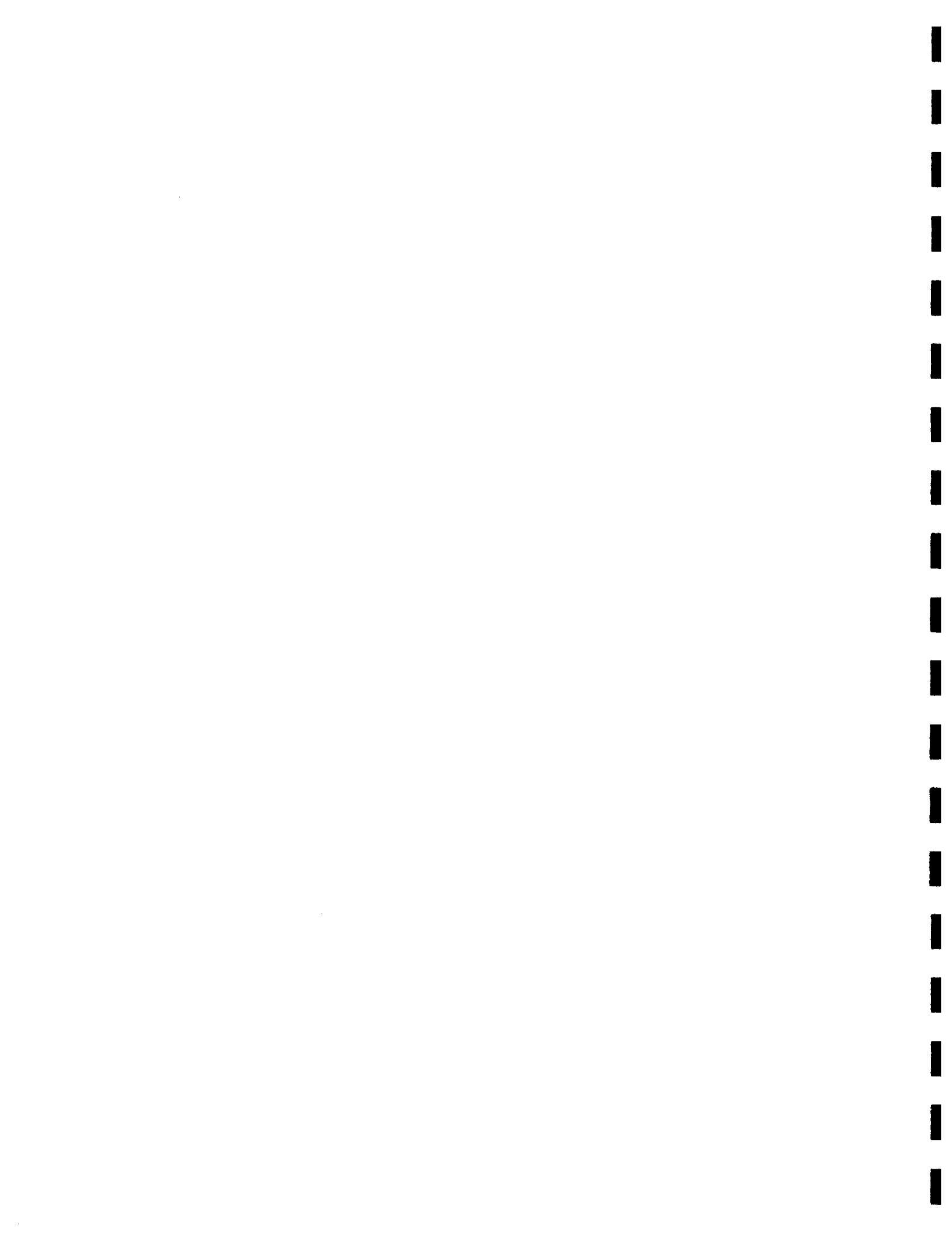
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**TRIP GENERATION
STUDY
OF
FREE-STANDING
DISCOUNT
SUPERSTORES
IN OHIO**

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**Trip Generation Study of Free-Standing Discount
Superstores in Ohio**
Project Number 96-05B

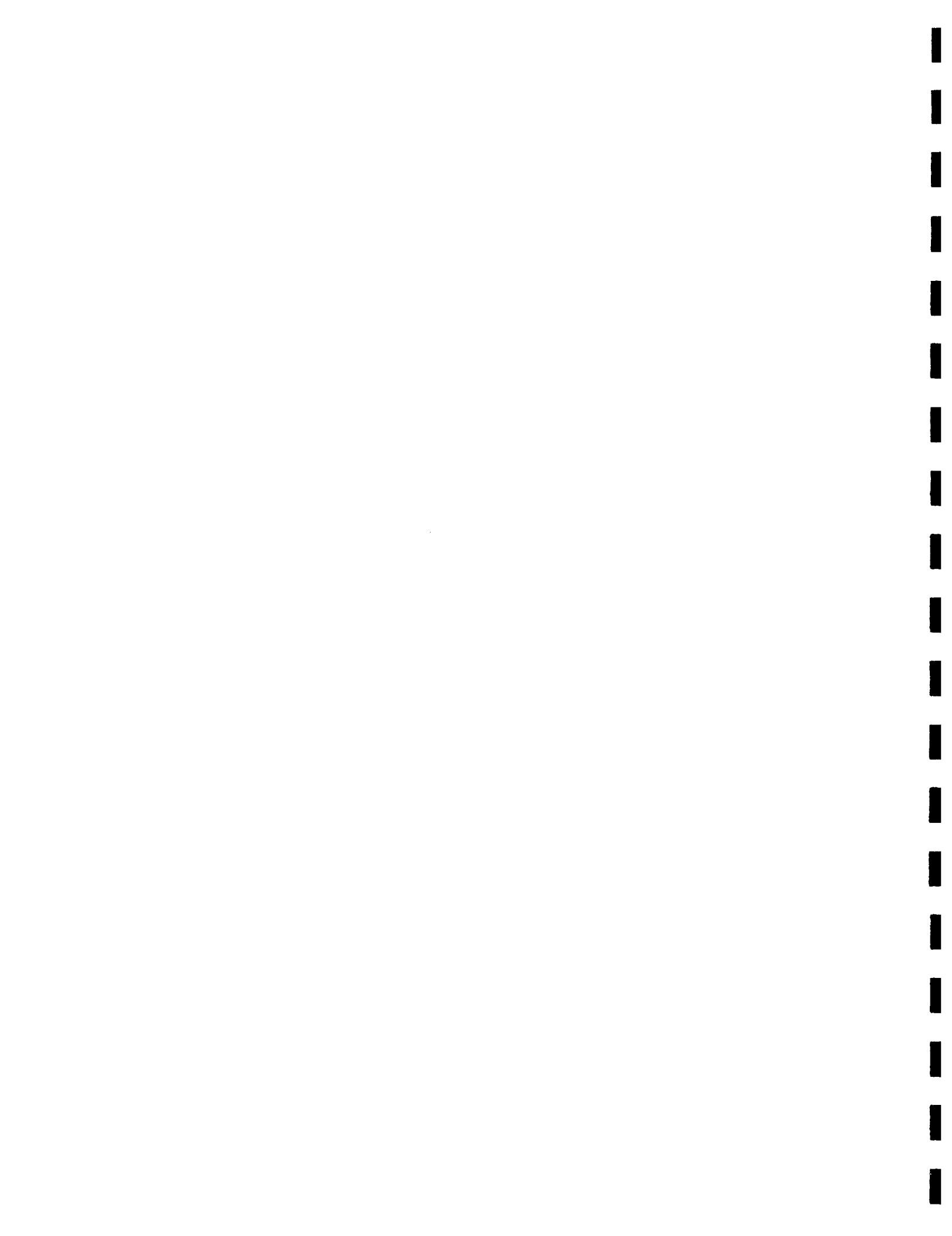
Submitted To
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Executive Summary

The purpose of this study was to develop average trip rates for free-standing discount superstores in the State of Ohio. Specifically, the study focused on two types of large retailers. One type offers variety of customer services in addition to full service grocery department under the same roof. These establishments usually have off-street parking and maintain long store hours seven days a week. The definition of such establishments is similar to land use 813 presented in the ITE Trip Generation manual. The second type is those retailers which offer variety of customer services without full service grocery department. These establishments also have off-street parking and maintain long store hours. The definition of such establishments is similar to land use 815 presented in the ITE manual. The second objective of the study was to find the percent of pass-by trips from the main traffic stream for the evening peak period as a function of the adjacent street traffic.

Mechanical traffic counts were conducted at driveways of every site for seven continuous days. Also, traffic was counted on the main cross roads adjacent to the site. The research team conducted personal surveys, to determine the percent of pass-by traffic at eight stores. The surveys were conducted during the period that would include the peak hour of the adjacent street.

The analysis revealed that there is no evidence to suggest that the average weekday rate was significantly different for any individual weekday. It was also found that the effect of store location (large urban versus small urban/rural) on the average trip rates by retailer was not statistically significant. Finally, the analysis indicated that the average weekday trip rate presented in the ITE Trip Generation manual for land use 813 was not significantly different than those examined in this study that fit the description of LU 813. Moreover, the results showed that average trip rates examined in this study of the stores that fit LU 815 were not significantly different from those of the ITE land use 815. It is recommended that the rates calculated in this study for LU 813 and the rates in ITE for LU 815 be used in the state of Ohio. Summary statistics are:

<u>Description</u>	<u>LU 813</u>	<u>LU 815</u>
Average Weekday (AWDT)	55.75	50.08
Average Weekday During P.H. of Adjacent Street (AWDT/PH)	4.19	4.24
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I. Definitions:

Average Weekday Traffic (AWDT) is the average 24-hour traffic volume occurring on weekdays for some period of time less than one year, such as for a week.

Peak Hour of the Average Weekday Traffic (AWDT/PH) is the single hour of the average weekday traffic that has the highest hourly volume.

Average Vehicle Trip Rate is the weighted average of the number of vehicle trips or trip ends per unit of independent variables using a site's driveway(s). The weighted average rate is calculated by summing all trips or trip ends and all independent variable units and then dividing the sum of the trip ends by the sum of the independent variable units.

Average Weekday Trip Rate is the weighted weekday (Monday through Friday) average vehicle trip generation rate during a 24-hour period.

Average Trip Rate for the Peak Hour of the Adjacent Street Traffic is the highest one-hour weighted average vehicle trip generation rate at the site between 7 a.m. and 9 a.m. and between 4 p.m. and 6 p.m., when the combination of its traffic and the traffic on the adjacent street is the highest.

Average Saturday Trip Rate is the weighted average Saturday vehicle trip generation rate during a 24-hour period.

Average Sunday Trip Rate is the weighted average Sunday vehicle trip generation rate during a 24-hour period.

Independent Variable is a physical, measurable or predictable unit describing the study site or generator that can be used to predict the value of the dependent variable (trip ends).

Gross Floor Area (GFA) of a building is the sum (in square feet) of the area of each floor level, including cellars, basements, mezzanines...., that are within the principal outside faces of the exterior walls, not including architectural setbacks or projects..

Pass-by Trips are intermediate stops on the way from an origin to a primary trip destination. Pass-by trips are attracted from traffic passing the site on an adjacent street which contains direct access to the generator. These trips do not require diversion to another roadway.

II. Statement of the Problem:

Trip generation rates are used by planners and traffic engineers to estimate the

traffic impacts of proposed developments. These rates may influence decisions on such factors as the issuance of driveway permits or the need for traffic signals and turn lanes at the access drives to the site. The determined need for such improvements may involve considerable cost for the developer, a governmental agency (ultimately the taxpayer) or both.

Currently, planners and engineers estimate the impacts of certain free-standing retail facilities by using the rates for Discount Superstores (land use 813), Discount Stores (land use 815), Shopping Centers (land use 820) or Supermarkets (land use 850) from the report on trip generation rates ("Trip Generation, Sixth Edition, November 1997") published by the Institute of Transportation Engineers (ITE). In reality, whether the trip generation characteristics of these superstores, such as Meijer, Wal-Mart and Super K-Mart stores, fit any of the defined categories or have unique trip generation characteristics specific for Ohio is unknown. A definitive study is necessary to make this determination.

III. Objectives of the Study:

This study was conducted to achieve two objectives. The first objective was to develop average trip rates for the independent variable, 1,000 square feet of floor space, for the average weekday and evening peak hour. Since it was not known if the different types of stand-alone facilities would generate the same number of trips for a given size, the study identified important characteristics of the different facilities to determine if trip generation is dependent upon them. These characteristics included the company and location of the store (rural/small urban areas versus large urban areas). The second objective was to find the percent of pass-by trips from the main traffic stream for the p.m. peak period.

IV. Background and Significance of Work:

This section will discuss three main issues. The first issue is the assumptions made in a marketing study to locate a retail store. This includes the population needed to support the store. The second part of this section discusses the ITE Trip Generation estimates presented in the 6th edition manual. The third part is the study approach.

Location of Retail Stores

There are two major variables, population and competition, that drive a decision to build a retail establishment. Each variable is determined for existing and future conditions[1].

Population projections are used to estimate the revenue. The revenue is then reduced based on competition (the type of competition and knowledge of how certain companies perform based on experience).

There is no mathematical model that can be used. Retail planners collect information on the demographics and business environment and formulate a recommendation based on their own experience[2]. Retailers are not subject to modeling because they may have objectives other than profitability in mind for an individual site. For example, they may wish to develop market presence or compete head to head with another merchant.

Service areas generally have a 5- to 10-mile radius with 6 miles being optimal. Franklin County has about 2.8 persons per acre, or approximately 202,000 people per 6-mile radius. There are 5.58 persons per acre inside the Interstate Route 270 outerbelt around Columbus, or 403,000 people per 6-mile radius. Based on these densities, a threshold population of 200,000 people or more is required to consider a store to be located in a large urban area[3].

The research team contacted by phone included corporate headquarters representatives of Meijer, Wal-Mart and K-Mart. At the time of the interviews, there were 55 stand-alone stores in Ohio. The following table shows the number by retailer.

Table 1: Number of stand-alone stores, by retailer, in Ohio

<u>Retailer</u>	<u>Number of Stores</u>
Meijer	30
Super K-Mart	10
<u>Wal-Mart</u>	<u>15</u>
Total	55

ITE Trip Generation

In the early 1970s, the Institute of Transportation Engineers (ITE) started a tremendous effort to gather and analyze trip generation data to help transportation professionals estimate vehicle trips likely to be generated by various land uses[4]. As a result of this effort, the ITE Trip Generation Manual was compiled. The latest version of this manual, the Sixth Edition, was published in November 1997. The manual consists of ten land use groups, each of which is divided into more specific land uses. Definitions of four land uses related to the problem statement are presented below[4].

Land Use 813: Free-Standing Discount Superstore
 "The discount superstores in this category are free-standing discount stores described in Land Use 815 with the exception that they also contain a full service grocery department under the same roof which shares entrances and exits with the discount store area. They are free-standing stores with off-street parking. The stores usually offer a variety of customer services, centralized cashiering

and a wide range of products. They typically maintain long store hours seven days a week. The stores included in these data are often the only store on a site, but can also be found in mutual operation with a related or unrelated garden center and/or service station. They also are sometimes found as separate parcels within a retail complex with their own dedicated parking area. Free-standing discount store (land use 815) is a related use."

- Land Use 815:** Free-Standing Discount Store
"The discount stores in this category are free-standing stores with off-street parking. They usually offer a variety of customer services, centralized cashiering and a wide range of products. They typically maintain long store hours seven days a week. The stores included in these data are often the only store on a site, but can also be found in mutual operation with a related or unrelated supermarket, garden center and/or service station. Free-standing discount stores are also sometimes found as separate parcels within a retail complex with their own dedicated parking. Free-standing discount superstore (land use 813) is a related use."

- Land Use 820:** Shopping Center
"A shopping center is an integrated group of commercial establishments that is planned, developed, owned, and managed as a unit. A shopping center's composition is related to its market area in terms of size, location, and type of store. A shopping center also provides on-site parking facilities sufficient to serve its own parking demands."

- Land Use 850:** Supermarket
"Supermarkets are typically free-standing retail stores selling a complete assortment of food, food preparation and wrapping materials, and household cleaning and servicing items. Supermarkets may also contain facilities such as money machines, pharmacies, and video rental areas."

Definition of land use 813 describes the type of operation of Meijer and Super K-mart. Wal-Mart, on the other hand, is described by land use 815. However, the two land uses may not be representative of Ohio. Land use 813 was compiled based on one source of information; nine studies were conducted of Wal-Mart Supercenters[6] which do not exist in Ohio. Therefore, since the ITE rates were only based on activities of one retailer which does not exist in Ohio, more data, representative of the three retailers operating in Ohio, are needed.

Approach to the Problem

This study followed a three-step approach to achieve its objectives:

i. Define Sample Size and Site Selection:

The researcher conducted a literature review of statistical analysis methods. In addition, he conducted a personal interview with the director of Statistical Consulting Service at The Ohio State University. No definite decision on the sample size is possible without extensive experiment design. However, approximately 20 sites were deemed acceptable (see Section IV, Sample Size Calculation).

The selection of specific sites followed a random sample selection using Stratified Sampling technique[8]. The technique of stratification is used to insure the representation of a sample where it might otherwise be unlikely. Stratification would ensure that all different groupings are well represented. Section V, Site Selection, presents more details.

ii. Grouping Scheme:

For this study, the following grouping scheme was used for the free-standing discount superstores.

Table 2: Grouping scheme applied to the study

Criteria	Grouping Scheme
Location	Large Urban, Small Urban/Rural
Retailer	Meijer, Wal-Mart, Super K-Mart

As a result, six potentially different groups were used for this study. The definitions of large urban and small urban/rural area were decided with ODOT input. Large Urban was defined as the urbanized area of population of 200,000 or more. Small urban/rural is any other area that does not meet the large urban definition. Stores considered within large urban areas are those within the boundaries of the urban area as well as those within five miles of the boundary. This assumption is based on the earlier discussion about the service area of such stores (see subsection Location of Retail Stores).

iii. Conduct of Study, Analysis and Conclusions:

This study followed the established ITE procedures for conducting such studies, summarized as follows:

- 1- Traffic counts at the driveways to calculate trip rates.
- 2- Personal interviews with customers to estimate pass-by trips, and traffic counts on main roads to relate pass-by trips to traffic volume.
- 3- Analysis of results.

The independent variable used in the analysis was 1,000 sq. ft. of floor space. The results were analyzed in several forms. First, the average trip rates, by day of the week, were compared to determine whether there is significant difference among the days. Second, average trip rates, by location, were compared. Finally, average trip rates derived from this study, for Meijer and K-Mart and for Wal-Mart, were compared with the rates for land uses 813 and 815 respectively.

The original scope of work called for developing average trip rates by employee. However, this information was unavailable. Therefore, this part of the scope was eliminated.

The effort to determine pass-by trips was also reduced in scope. The research staff were able to collect data at only eight stores.

Finally, the original scope called for surveys at 20 stand-alone stores. After the survey began, the study team discovered that one of the stores did not meet the criteria of stand-alone stores. The study team dropped this store from the study. The principal investigator reviewed the design of the experiment and found that reducing the number of stores to 19 would not affect the accuracy of the study.

V. Sample Size Calculation

Establishing the sample size lays the foundation for a trip generation study. Without a statistically sound sample size, meaningful conclusions cannot be drawn. The general formulation for the number of trips is a function of many factors which may be represented as follows:

$$\text{Number of Trips} = \text{Constant} + f(\text{size}) + f(\text{retailer}) + f(\text{location}) + f(\text{other factors})$$

Certain assumptions may simplify the process:

- Assume the number of trips is a function of store size only and ignore the effect of other factors.
- Choose a regression equation that represents similar land uses from the ITE manual or some other sources. The variability of the data to be collected may be assumed to be the same as that of this similar land use. To calculate the sample size, the variable is the gross floor area, in 1,000 square feet.
- Define the acceptable confidence interval (C.I.). The C.I. will define the acceptable range of trips from the true number of trips for a certain confidence level. Usually, a 95% confidence level is acceptable. This means that 95% of the time we are confident that the estimate of trips is within this C.I. The confidence interval for an ordinate to the true regression line can be calculated by the following equation:

$$C.I. = y' \pm t_{\alpha/2, n-2} S_{yx} \sqrt{\frac{1}{n} + \frac{(X - \bar{x})^2}{(n-1)S_x^2}}$$

- where: y' = an ordinate to the true regression line. This y' differs from the true or population mean ordinate at $x=X$ which would be obtained if infinitely many observations could be made with the same value X of x ;
- $t_{\alpha/2, n-2}$ = a t-value which can be obtained from statistical tables;
- S_{yx} = the standard error of estimation. The square of this value estimates that part of the variance of y left unexplained by the regression of y on x ; and
- \bar{x} = mean of the sample; i.e., mean of the different data points in the sample.
- n = sample size.

Refer to Figure 1 for an illustration of the methodology.

A) Fitted Curve Equation:

The fitted curve equation for Meijer, Wal-Mart Supercenters and K-Mart Superstores retail stores is assumed to be similar to that of land use 813 --Discount Superstore. Average vehicle trip ends per 1,000 sq. ft. GFA on a weekday are represented by

$$T = 59.492(X) - 1930.270$$

The plot and the equation were based on nine studies. The data that generated the equation were reproduced based on the plot of LU 813 of the ITE Trip Generation Manual. The "replica" equation for LU 813 is:

$$T = 58.149(X) - 1689.8$$

Columns (1), (2) and (3) are the sample number, average vehicle trip ends and size, in 1,000 sq. ft., respectively --see Figure 1.

B) Confidence Interval (C.I.):

As noted before, the C.I. defines the acceptable range of trips (that is, the range from the true number of trips we are willing to accept.) Usually, the confidence level is set at 95% which means, 95% of the time the estimate of the number of trips is within the C.I. The confidence interval is calculated as:

$$C.I. = t_{\alpha/2,n-2} S_{y/x} \sqrt{\frac{1}{n} + \frac{(X-\bar{x})^2}{(n-1)S_x^2}}$$

with the parameters as defined earlier.

The process starts by calculating the C.I. for each assumed sample size. The researcher calculated the C.I. for sample sizes of 3 through 20 ; i.e., Column (4). As shown in the C.I. equation above, the *t*-value depends on n-2 degrees of freedom (d.f.), the assumed sample size minus 2. The *t*-value is found in statistical tables[10]. For this research, the study design assumed $\alpha = 5\%$. Column (5) shows the values of $t_{\alpha/2,n-2}$ for the different sample sizes. In Column (7), the C.I. at the mean value was calculated. The mean of the data is 153.83 and is calculated by averaging Column (3). Columns (8) and (9) show the C.I. at the ends of the regression line --at the maximum and minimum values of the GFA. The minimum and the maximum values are 128 and 202.5 respectively. The calculations were conducted for each sample size (3 through 20 --see Figure 1).

The values of the C.I.'s were examined. The sample size that provides the acceptable range is selected (how much "error" is acceptable in the difference between the average vehicle trip ends and the true number of trip ends). Note that the numbers are for daily trips. For the peak period, the range will be the percentage of the peak period trips in the daily trips. For this study, a sample size of 20 would produce a range of approximately 850 daily trips at the mean. That means that 95% of the time the estimate of trips would be within ± 850 trips per day.

C) Confidence Interval Limits:

Since the sample size of 20 was selected, the upper and lower bounds of the C.I. along the regression line can be calculated. The calculations are similar to the previous section except the sample size (*n*) is fixed and the size of the facility (GFA) is made variable. At the mean, Column (11) shows that the lowest estimate of the number of trips is around 6,500, and the highest estimate is 8,000, with an average number of daily trips around 7,300.

Figure 1: Methodology of defining the sample size

A) Fitted Curve Equation (from LU 813)

Mean Y 7255.56	Mean X 153.83
St Dev 2389.75	St Dev X 30.01
Sy/x 1745.52	

(1) Sample Number	(2) Avg Veh. Trip Ends Trips Yi	(3) Size, X (x 1000)
1	4500	128
2	4750	128
3	6200	122
4	7100	127
5	8500	146
6	5000	169
7	8000	181
8	10000	181
9	11250	202.5

Regression Output:	
Constant	-1689.762
Std Err of Y Est	1745.5229
R Squared	0.5331747
No. of Observations	9
Degrees of Freedom	7

B) Confidence Interval for an Ordinate to the True Regression Line

$$\text{Trips} = 58.15 * \text{Size} - 1689.76$$

Min x 128

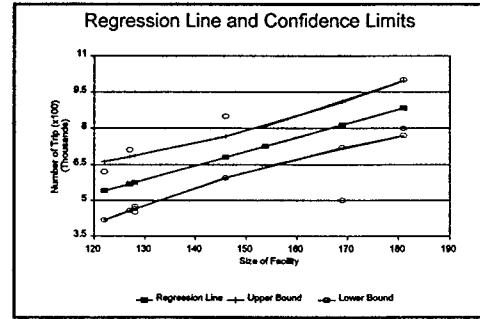
n = 20

Max x 202.5

t = 2.1315

(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
n	n-2	t	C.I. @ Mean	C.I. @ Min	C.I. @ Max	Size, X (x 1000)	Conf. Interval	Reg. Line	Upper Bound	Lower Bound
3	1	12.706	12804.83	18607.36	28475.18	(128)				
4	2	4.3027	3755.23	5294.92	7972.12	(128)	1109.99	5753.36	6863.35	4643.37
5	3	3.1825	2484.33	3448.10	5144.23	(128)	1109.99	5753.36	6863.35	4643.37
6	4	2.7764	1978.48	2719.47	4033.47	(122)	1229.64	5404.47	6634.11	4174.83
7	5	2.5706	1695.94	2315.83	3420.80	(127)	1129.02	5695.21	6824.23	4566.19
8	6	2.4469	1510.07	2052.23	3022.36	(146)	861.27	6800.05	7661.32	5938.78
9	7	2.3646	1375.82	1863.08	2737.47	(169)	937.15	8137.49	9074.64	7200.34
10	8	2.306	1272.87	1718.82	2520.92	(181)	1135.45	8835.28	9970.73	7699.83
11	9	2.2622	1190.58	1604.07	2349.15	(181)	1135.45	8835.28	9970.73	7699.83
12	10	2.2281	1122.72	1509.82	2208.43	(153.83)	831.95	7255.36	8087.31	6423.41
13	11	2.201	1065.55	1430.72	2090.58					
14	12	2.1788	1016.43	1362.97	1989.84					
15	13	2.1604	973.68	1304.16	1902.54					
16	14	2.1448	935.95	1252.39	1825.82					
17	15	2.1315	902.37	1206.42	1757.78					
18	16	2.1315	876.95	1171.54	1706.08					
19	17	2.1315	853.56	1139.52	1658.69					
20	18	2.1315	831.95	1109.99	1615.04					

C) Confidence Interval Limits For sample size = 20



VI. Site Selection

After deciding on the number of sites needed, selection of the actual sample to be counted must be done carefully. To draw a simple random sample (SRS) from the potential population of sites is not as trivial as it may first appear. A sample must be drawn from a population in such a way that every possible site of size n has the same chance of being selected. SRSs can be selected using a table of random numbers, which is a set of integers generated such that in the long run the table will contain all ten integers (0, 1, ..., 9) in approximately equal proportions, with no trends in the pattern in which the digits were generated. The telephone book can be used as an alternative. In this study, a computer-generated random numbers table was used.

Stratification is a little more complex. After clearly specifying the strata, each sampling unit of the population is placed into its appropriate strata. For example, assume a strata of rural versus urban. After placing the units of the population into the appropriate category based on its definition, a simple random sample is selected from each category. However, a different random sampling scheme should be used within each category to ensure independence.

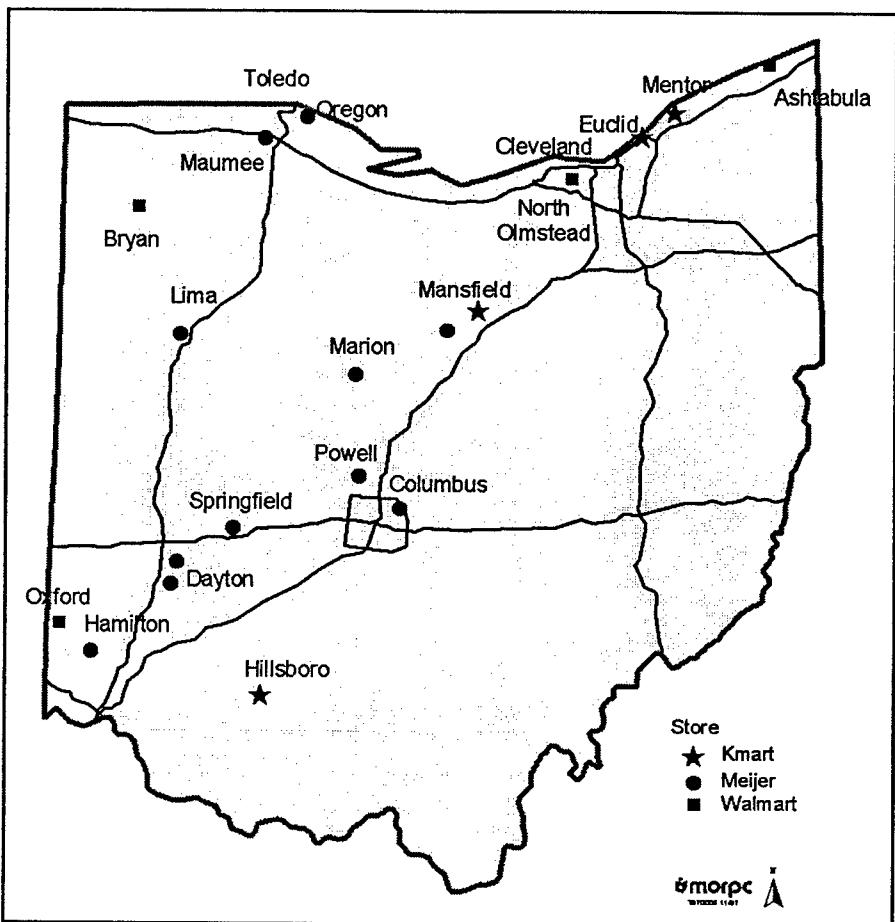
For this study, all stand-alone stores that fit the definition of land uses 813 and 815 were assigned into the various groupings. Specifically, each store was defined and placed in one of the six different categories --see Table 2. After that, the number of stores by category for the sample was determined by multiplying the percentage of stores in that category by the total number of stand-alone stores in Ohio. For example, 22 Meijer stores were considered to satisfy the large urban category. These stores constitute 40 percent of the total stores in the state of Ohio (22 divided by 55.) As such, 40 percent of the total sample size should be in the group of Meijer and Large Urban ($20 * 0.40 = 8$). Similarly, the number of samples in each group was found --see Table 3.

Table 3: Assigning sample to grouping scheme

	Meijer	Wal-Mart	K-Mart	Total
Total number of stores satisfying LU 813				
Urban	22	6	4	32
Rural/Small/Urban	8	9	6	23
	30	15	10	55
Percentage of stores in each category				
Urban	40.00%	10.91%	7.27%	58.18%
Rural/Small Urban	14.55%	16.36%	10.91%	41.82%
	54.55%	27.27%	18.18%	100.00%
Distribution of sample on categories				
Urban	8	2	2	12
Rural/Small Urban	3	3	2	8
	11	5	4	20

After determining the number of samples in each group, a stratified random sampling approach to define each store location was followed. Each store in each group was assigned a number. A simple random sample was then selected from each group based on the size of that group. Figure 2 shows the locations of all stores in the sample.

Figure 2: Locations of stores in the sample



VII. Data Collection

An extensive data collection effort was done in preparation for the study. Initially, the following information was collected:

- Characteristics of the site including number and physical location of the access points in relation to the individual stores
- County road maps from the county engineers' offices
- Inventory of roads adjacent to the site
- An aerial or site plan of the store
- Name of police contact and address of the police department within whose jurisdiction the store falls
- Contact name and address of the municipality/county/ODOT district responsible for the roadways surrounding the stores.

The first part of the process was to determine which police jurisdiction controlled

the store. Initially, the study team called the stores to find their political jurisdiction. The contacts were often obtained directly from the local political entity where the store is located.

Secondly, the actual location of the store was found through various methods. The county engineering offices were contacted and asked to send a county map. At this time, the study team requested that they mark the actual location of the store. About 70% of the engineers' offices knew this location and/or were willing to provide it. If the engineer's office was unsure, the study team called the store back and had them describe their location.

Access points were determined from aerial photographs when possible. "Current" aerials often were flown prior to construction of many of the stores. Five stores were not covered by an MPO and for the other eight stores, the most current aerials they had dated back to before the store was built. Other sources of aerials were cost prohibitive. Building departments were contacted for site plans. Most site plans were free; some building departments would only copy sections of the plan; one had to be purchased; and one would not release the site plan, thus referring the study team to the architect.

Letters of introduction and intention were sent to 43 police departments and political jurisdictions. In these letters, the study team introduced the recipients to the study, informing them that traffic counts and personal surveys would be conducted within their jurisdictions.

The principal investigator contacted the three retailers to solicit their cooperation. A letter was sent to each retailer explaining the study. Two of the retailers cooperated fully in allowing the study team to count traffic at the driveways of their respective stores and to conduct personal surveys for the purpose of estimating the pass-by traffic. Interpretation of labor-related federal court ruling on store site solicitations limited the participation of one retailer. Traffic data were obtained mostly from the public right-of-way at these sites.

Traffic Counts

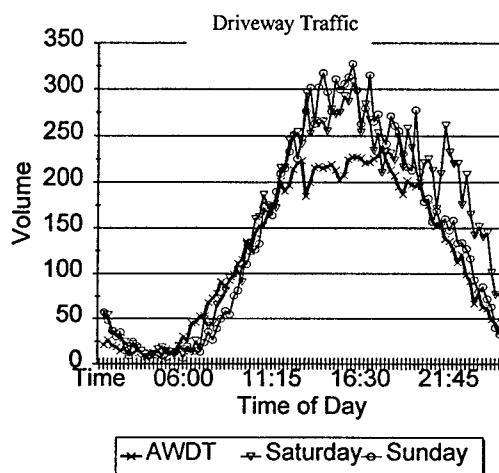
The study team retained a consultant to conduct traffic counting at the driveways of selected stores as well as on the main road. At each location in the sample, the consultant conducted seven consecutive, 24-hour counts at each driveway separately for the in-bound and out-bound traffic and total volume. Each count was conducted in 15-minute intervals. The consultant also conducted seven consecutive, 24-hour counts at 15-minute intervals for each direction at one location on the main crossroad.

The consultant provided the raw data in a hard copy format and in an electronic format readable by Quattro Pro. Summaries of these data are presented in Figures 3 through 21. Traffic count data for driveways and main crossroads are presented in

Appendix A. In the figures, AWDT refers to average weekday traffic and is defined as the average 24-hour traffic volume occurring on weekdays for some period of time less than one year, such as for a week. Peak hour of the average weekday traffic (AWDT/PH) is the single hour of the average weekday traffic that has the highest hourly volume.

Figure 3: Summary of data of store M1Store: **M1**Retailer: **Meijer**Location: **Ontario**Acreage **60.00**Scheme: **Small/Rural**Sq Ft **195,000**Date: **March 10 - 16, 97**Adjacent Street(s) **Lexington-Springmill Road**Driveways: **5****Driveway Traffic**

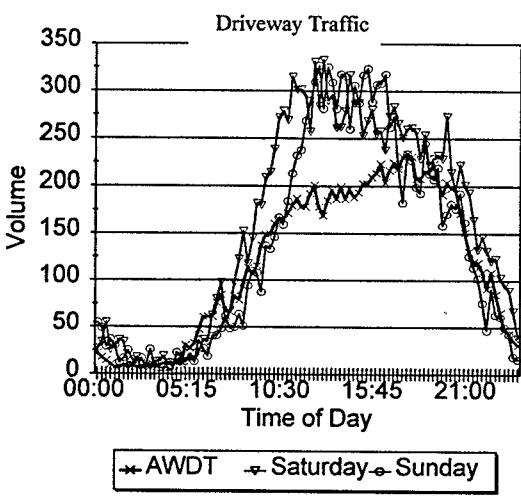
	In	Out	Total Volume
Monday	5442	5990	11433
Tuesday	5385	5552	10937
Wednesday	5310	5502	10812
Thursday	5799	6002	11801
Friday	7221	7017	14237
Saturday	7498	7058	14556
Sunday	6999	6591	13591
AWDT			11844
Saturday			14556
Sunday			13591
AWDT/PH			912

**Adjacent Street Traffic**

	NB	SB	Total Volume
Monday	6195	6854	13049
Tuesday	6197	6616	12813
Wednesday	6296	6793	13089
Thursday	6250	6749	12999
Friday	6092	6603	12695
Saturday	5350	5696	11046
Sunday	4245	4530	8775
AWDT			12929
Saturday			11046
Sunday			8775

Figure 4: Summary of data of store M2Store: **M2**Retailer: **Meijer**Location: **Hamilton**Acreage **32.00**Scheme: **Urban**Sq Ft **248,543**Date: **April 22 - 28, 1997**Adjacent Street(s) **SR-127**Driveways: **5****Driveway Traffic**

	In	Out	Total Volume
Monday	5769	5752	11521
Tuesday	5377	5391	10768
Wednesday	5217	5257	10474
Thursday	5646	5660	11306
Friday	6695	6738	13434
Saturday	7661	7744	15405
Sunday	6581	6624	13205



AWDT	11501
Saturday	15405
Sunday	13205
AWDT/PH	869

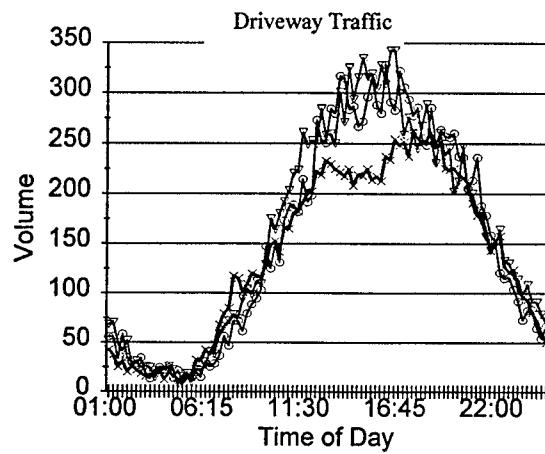
Adjacent Street Traffic

	NB	SB	Total Volume
Monday	8941	8265	17206
Tuesday	8661	8386	17047
Wednesday	8510	8295	16805
Thursday	8770	8642	17412
Friday	10270	9985	20255
Saturday	10506	10288	20794
Sunday	8076	7838	15914

AWDT	17745
Saturday	20794
Sunday	15914

Figure 5: Summary of data of store M3Store: **M3**Retailer: **Meijer**Location: **North Dayton**Acreage **28.82**Scheme: **Urban**Sq Ft **210,000**Date: **March 19 - 25, 1997**Adjacent Street(s) **SR-201, Dayton-Harshman Rd**

Driveways:

3**Driveway Traffic****Total**

	In	Out	Volume
Monday	6397	6793	13190
Tuesday	5928	6222	12151
Wednesday	6138	7028	13166
Thursday	6787	7178	13966
Friday	7620	7140	14759
Saturday	7532	7926	15458
Sunday	7149	7606	14756

AWDT	13446
Saturday	15458
Sunday	14756
AWDT/PH	1007

Adjacent Street Traffic**Total**

	NB	SB	Volume
Monday	13383	12644	26027
Tuesday	13152	12210	25362
Wednesday	13681	12807	26488
Thursday	13944	13154	27098
Friday	15033	14083	29116
Saturday	12677	11456	24133
Sunday	10307	9827	20134

↔ AWDT ↔ Saturday ↔ Sunday

AWDT	26818	31246
Saturday	24133	28013
Sunday	20134	23339

Figure 6: Summary of data of store M4

Store: **M4**

Retailer: **Meijer**

Location: **South Dayton**

Acreage **31.616**

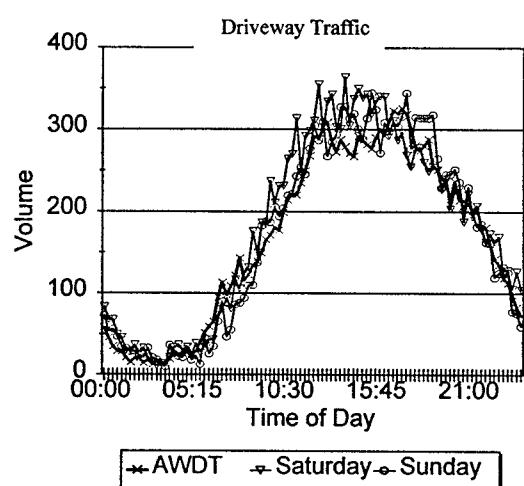
Scheme: **Urban**

Sq Ft **237,120**

Date: **March 19 - 25, 1997**

Adjacent Street(s) **Alex-Bellbrook, SR-741**

Driveways:



Driveway Traffic

	In	Out	Total Volume
Monday	7811	8414	16225
Tuesday	7540	8259	15799
Wednesday	7885	7856	15741
Thursday	7949	7744	15692
Friday	8544	8415	16959
Saturday	8698	8601	17299
Sunday	8194	8232	16425
AWDT			16083
Saturday			17299
Sunday			16425
AWDT/PH			1245

Adjacent Street Traffic

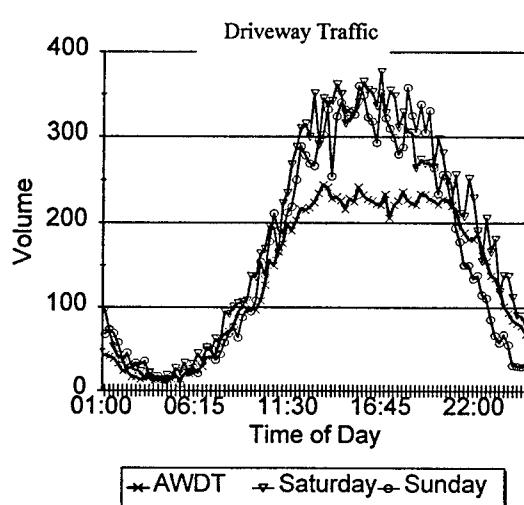
	WB	EB	Total Volume	SB	NB	Total Volume
Monday	10113	8648	18761	11515	10986	22501
Tuesday	9886	8679	18565	11349	10873	22222
Wednesday	10323	9477	19800	11781	11976	23757
Thursday	10360	9312	19672	11792	11950	23742
Friday	10894	10286	21180	12894	13159	26053
Saturday	9229	8776	18005	11225	11826	23051
Sunday	7768	7556	15324	9021	9521	18542
AWDT			19596			23655
Saturday			18005			23051
Sunday			15324			18542

Figure 7: Summary of data of store M5Store: **M5**Retailer: **Meijer**Location: **Maumee**Acreage **26.364**Scheme: **Urban**Sq Ft **197,548**Date: **March 31 - April 6, 1996**Adjacent Street(s) **Holland, US-20**

Driveways:

3**Driveway Traffic**

	In	Out	Total Volume
Monday	6891	6827	13718
Tuesday	6171	6269	12440
Wednesday	5989	6086	12075
Thursday	6560	6573	13133
Friday	7216	7280	14496
Saturday	8945	8696	17641
Sunday	7809	7778	15587



AWDT	13172
Saturday	17641
Sunday	15587
AWDT/PH	910

Adjacent Street Traffic

	WB	EB	Total Volume	NB	SB	Total Volume
Monday	5855	6002	11857	10633	12611	23244
Tuesday	5723	5927	11650	8663	14133	22796
Wednesday	5934	6164	12098	8649	14804	23453
Thursday	5994	6156	12150	11654	12241	23895
Friday	6872	7072	13944	13566	13469	27035
Saturday	5025	5222	10247	12148	11733	23881
Sunday	3629	3562	7191	8837	7865	16702

AWDT	12340	24085
Saturday	10247	23881
Sunday	7191	16702

Figure 8: Summary of data of store M6Store: **M6**Retailer: **Meijer**Location: **Lima**Acreage **49.05**Scheme: **Small/Rural**Sq Ft **185,252**Date: **April 8 - 14, 1997**Adjacent Street(s) **SR-309**Driveways: **4****Driveway Traffic**

	In	Out	Adjusted Volume
Monday	5295	5262	10557
Tuesday	5248	5283	10531
Wednesday	5662	5631	11293
Thursday	5563	5491	11054
Friday	6857	6715	13572
Saturday	7747	7902	15649
Sunday	6465	6509	12974

AWDT	11401
Saturday	15649
Sunday	12974
AWDT/PH	877

Adjusted Street Traffic

	WB	EB	Adjusted Volume
Monday	11237	11808	23045
Tuesday	11373	12171	23544
Wednesday	11638	12312	23950
Thursday	11726	12413	24139
Friday	12716	13482	26198
Saturday	10449	11107	21556
Sunday	7865	8385	16250

AWDT	24175
Saturday	21556
Sunday	16250

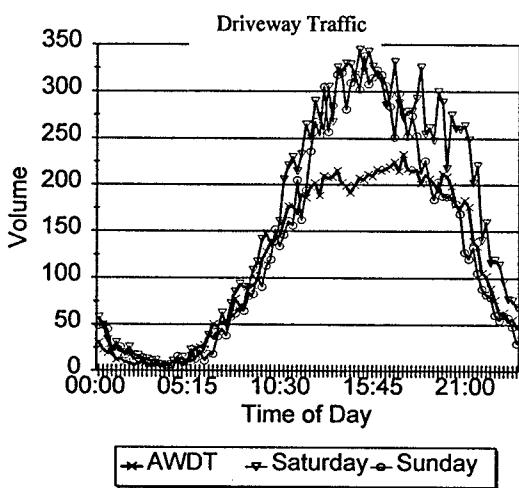
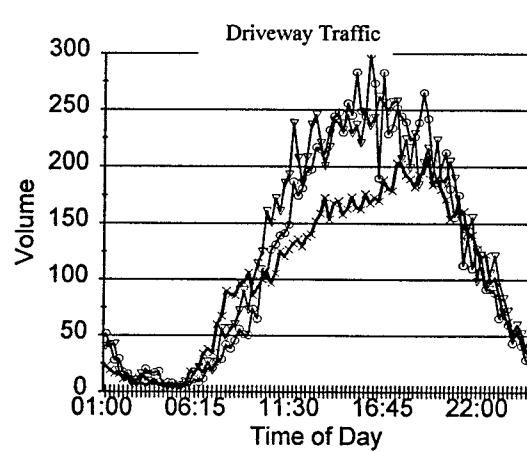


Figure 9: Summary of data of store M7Store: **M7**Retailer: **Meijer**Location: **Columbus**Acreage **41.515**Scheme: **Urban**Sq Ft **197,000**Date: **March 2 - 8, 97**Adjacent Street(s) **Hamilton Road**Driveways: **6**

Driveway Traffic			Total
	In	Out	Volume
Monday	4811	4736	9547
Tuesday	4891	4547	9439
Wednesday	4586	5344	9930
Thursday	4879	4986	9865
Friday	5374	5436	10810
Saturday	6258	5897	12155
Sunday	5986	5630	11616
AWDT			9918
Saturday			12155
Sunday			11616
AWDT/PH			780



↔ AWDT → Saturday ← Sunday

Adjacent Street Traffic			Total
	NB	SB	Volume
Monday	6160	6217	12377
Tuesday	6458	6554	13012
Wednesday	6513	6400	12913
Thursday	6769	6598	13367
Friday	7888	7463	15351
Saturday	7643	7660	15303
Sunday	6324	6411	12735
AWDT			13404
Saturday			15303
Sunday			12735

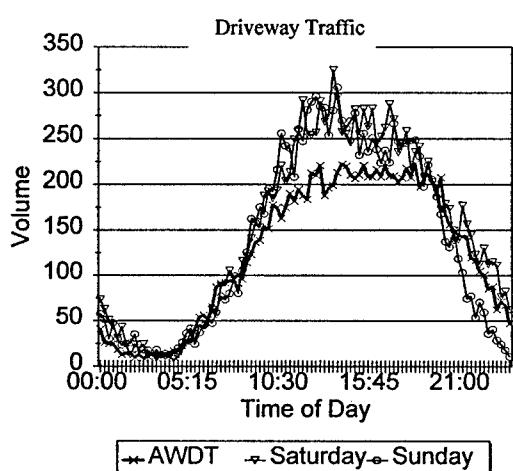
Figure 10: Summary of data of store M8Store: **M8**Retailer: **Meijer**Location: **Oregon**Acreage **25.87**Scheme: **Urban**Sq Ft **195,708**Date: **March 31 - April 6, 1997**Adjacent Street(s) **South Weeling, Crites**

Driveways:

6**Driveway Traffic**

Total

	In	Out	Total Volume
Monday	6148	6010	12158
Tuesday	5706	5663	11369
Wednesday	5646	5661	11307
Thursday	6104	6141	12245
Friday	6464	6492	12956
Saturday	7161	7198	14358
Sunday	6599	6700	13299



AWDT	12007
Saturday	14358
Sunday	13299
AWDT/PH	854

Adjacent Street Traffic

Total

	SB	NB	Volume	EB	WB	Total Volume
Monday	3235	4224	7459	1305	1645	2950
Tuesday	3091	4012	7103	1292	1543	2835
Wednesday	3087	4006	7093	1308	1457	2765
Thursday	3140	4127	7267	1321	1597	2918
Friday	3709	4599	8308	1480	1792	3272
Saturday	3447	4613	8060	1367	1722	3089
Sunday	2348	3633	5981	1140	1390	2530

AWDT	7446	2948
Saturday	8060	3089
Sunday	5981	2530

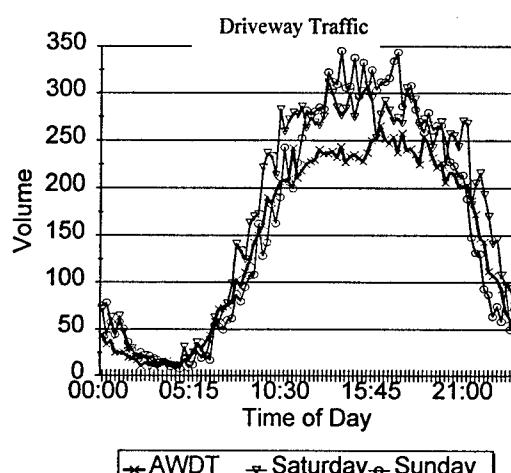
Figure 11: Summary of data of store M9Store: **M9**Retailer: **Meijer**Location: **Springfield**Acreage **50.247**Scheme: **Urban**Sq Ft **216,568**Date: **April 22 - 28, 1997**Adjacent Street(s) **SR-41**

Driveways:

6**Driveway Traffic**

Total

	In	Out	Volume
Monday	6950	7043	13993
Tuesday	6340	6427	12767
Wednesday	6583	6647	13230
Thursday	6697	6783	13480
Friday	7850	7771	15621
Saturday	8436	8270	16705
Sunday	7782	7723	15506
AWDT			13818
Saturday			16705
Sunday			15506
AWDT/PH			989

**Adjacent Street Traffic**

Total

	EB	WB	Volume
Monday	11607	11767	23374
Tuesday	11400	11893	23293
Wednesday	10768	11304	22072
Thursday	11906	11861	23767
Friday	13071	12955	26026
Saturday	11671	11764	23435
Sunday	9027	9076	18103
AWDT			23706
Saturday			23435
Sunday			18103

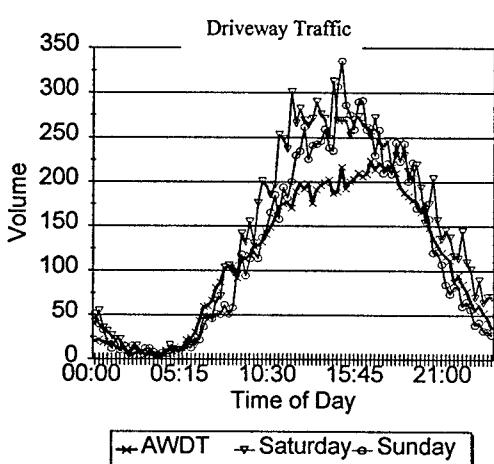
Figure 12: Summary of data of store M10Store: **M10**Retailer: **Meijer**Location: **Marion**Acreage **30.53**Scheme: **Small/Rural**Sq Ft **215,000**Date: **March 10 - 16, 1997**Adjacent Street(s) **SR-95**

Driveways:

4**Driveway Traffic**

Total

	In	Out	Total Volume
Monday	5116	5228	10344
Tuesday	5020	5067	10087
Wednesday	5136	5109	10245
Thursday	5280	5328	10608
Friday	6242	6235	12476
Saturday	6878	6762	13640
Sunday	5848	5916	11764



AWDT	10752
Saturday	13640
Sunday	11764
AWDT/PH	875

Adjacent Street Traffic

Total

	EB	WB	Volume
Monday	3122	4938	8060
Tuesday	3230	5074	8304
Wednesday	3455	5244	8699
Thursday	3366	5236	8602
Friday	3575	5419	8994
Saturday	2775	4324	7099
Sunday	2479	3679	6158

AWDT	8532
Saturday	7099
Sunday	6158

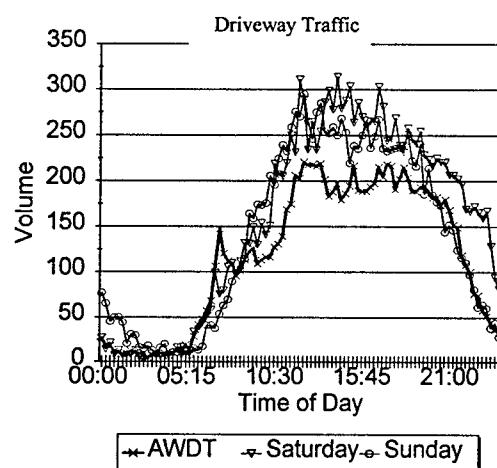
Figure 13: Summary of data of store M11Store: **M11**Retailer: **Meijer**Location: **Powell**Acreage **31.20**Scheme: **Urban**Sq Ft **200,000**Date: **May 10 - 16, 1997**Adjacent Street(s) **US-23, Powell Road**

Driveways:

3**Driveway Traffic**

Total

	In	Out	Volume
Monday	5950	5938	11888
Tuesday	5747	5756	11503
Wednesday	5751	5744	11494
Thursday	5439	5443	10882
Friday	5545	5530	11075
Saturday	7504	7462	14966
Sunday	6689	6812	13500



AWDT	11368
Saturday	14966
Sunday	13500
AWDT/PH	855

Adjacent Street Traffic

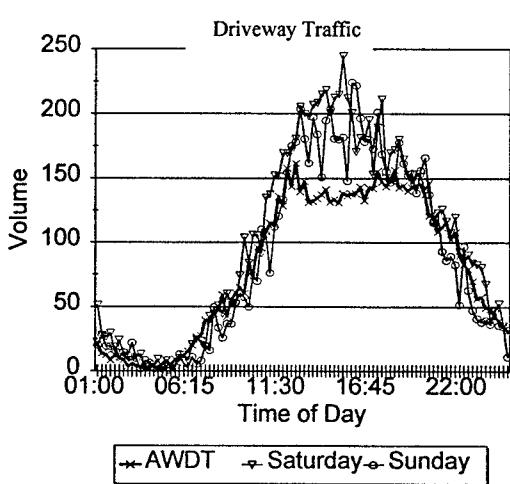
Total

	SB	NB	Volume	EB	WB	Total Volume
Monday	19319	18659	37978	7649	6782	14431
Tuesday	19652	18929	38581	6813	5017	11830
Wednesday	19678	19078	38756	6509	4358	10867
Thursday	18827	19276	38103	6749	4279	11028
Friday	20775	21159	41934	7319	4609	11928
Saturday	17787	17513	35300	6047	4155	10202
Sunday	17347	16190	33537	5316	4837	10153

AWDT	39070	12017
Saturday	35300	10202
Sunday	33537	10153

Figure 14: Summary of data of store K1Store: **K1**Retailer: **K-Mart**Location: **Euclid**Acreage **31.06**Scheme: **Urban**Sq Ft **217,987**Date: **September 24 - 30, 1996**Adjacent Street(s) **Babbitt Road**Driveways: **4****Driveway Traffic**

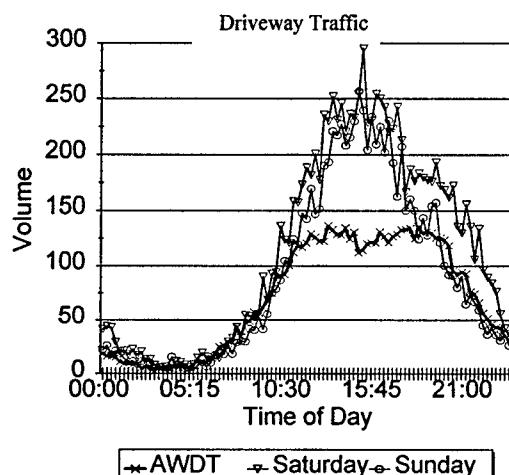
	In	Out	Total Volume
Monday	3788	3865	7653
Tuesday	3866	3796	7662
Wednesday	3762	3769	7531
Thursday	4133	3820	7953
Friday	4225	4280	8505
Saturday	5002	4811	9813
Sunday	4075	4455	8530
AWDT			7861
Saturday			9813
Sunday			8530
AWDT/PH			588

**Adjacent Street Traffic**

	SB	NB	Total Volume
Monday	9394	9427	18821
Tuesday	9544	9578	19122
Wednesday	9928	9695	19623
Thursday	9929	9712	19641
Friday	10802	10645	21447
Saturday	8405	8430	16835
Sunday	6024	6000	12024
AWDT			19731
Saturday			16835
Sunday			12024

Figure 15: Summary of data of store K2Store: **K2**Retailer: **K-Mart**Location: **Mansfield**Acreage **20.04**Scheme: **Small/Rural**Sq Ft **173,086**Date: **October 13 - 19, 1996**Adjacent Street(s) **Lexington-Springmill Road**Driveways: **3****Driveway Traffic**

	In	Out	Total Volume
Monday	3198	3241	6439
Tuesday	3043	3059	6103
Wednesday	3107	3112	6219
Thursday	3155	3191	6346
Friday	4505	4451	8956
Saturday	5320	5473	10792
Sunday	4323	4195	8518



AWDT	6813
Saturday	10792
Sunday	8518
AWDT/PH	521

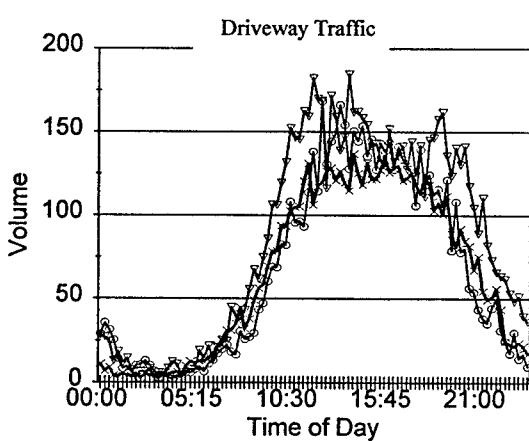
Adjacent Street Traffic

	SB	NB	Total Volume
Monday	9801	9221	19022
Tuesday	9850	9300	19150
Wednesday	9936	9403	19339
Thursday	10033	9485	19518
Friday	12097	11136	23233
Saturday	13453	12385	25838
Sunday	9764	8962	18726

AWDT	20052
Saturday	25838
Sunday	18726

Figure 16: Summary of data of store K3Store: **K3**Retailer: **K-Mart**Location: **Hillsboro**Acreage **22.08**Scheme: **Small/Rural**Sq Ft **166,861**Date: **October 11 - 17, 1996**Adjacent Street(s) **US-62**Driveways: **4****Driveway Traffic**

	In	Out	Total Volume
Monday	2928	2856	5784
Tuesday	2842	2794	5636
Wednesday	2879	3000	5880
Thursday	3032	3055	6087
Friday	4010	4103	8113
Saturday	4090	4158	8247
Sunday	3255	3192	6447



AWDT	6300
Saturday	8247
Sunday	6447
AWDT/PH	504

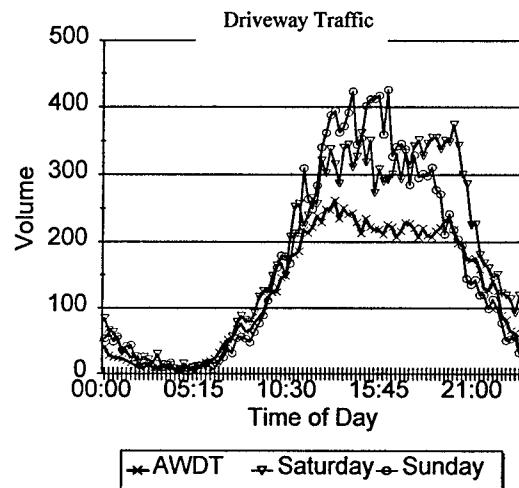
Adjacent Street Traffic

	NB	SB	Total Volume
Monday	8683	6103	14786
Tuesday	8299	6122	14421
Wednesday	8179	6023	14202
Thursday	8455	6312	14767
Friday	9541	6962	16503
Saturday	8319	6248	14567
Sunday	6638	4417	11055

AWDT	14936
Saturday	14567
Sunday	11055

Figure 17: Summary of data of store K4Store: **K4**Retailer: **K-Mart**Location: **Mentor**Acreage **22.00**Scheme: **Urban**Sq Ft **167,000**Date: **September 16 - 22, 1996**Adjacent Street(s) **Mentor Road**Driveways: **6****Driveway Traffic**

	In	Out	Total Volume
Monday	6321	6362	12683
Tuesday	6130	5944	12073
Wednesday	5870	5877	11747
Thursday	5483	5897	11380
Friday	6481	6771	13252
Saturday	8513	8417	16930
Sunday	8217	7580	15797



AWDT	12227
Saturday	16930
Sunday	15797
AWDT/PH	882

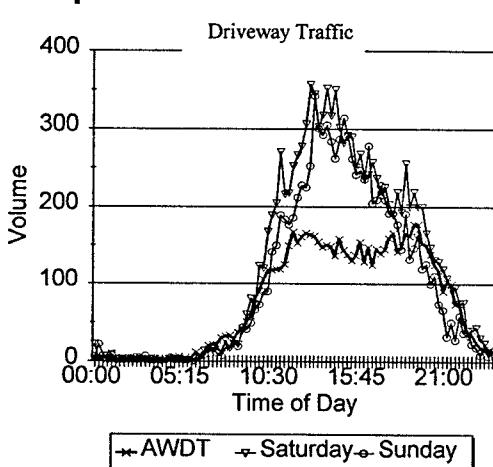
Adjacent Street Traffic

	WB	EB	Total Volume
Monday	11095	10627	21722
Tuesday	11197	10690	21887
Wednesday	11130	10447	21577
Thursday	11270	10899	22169
Friday	12782	12597	25379
Saturday	12907	12114	25021
Sunday	8919	8785	17704

AWDT	22547
Saturday	25021
Sunday	17704

Figure 18: Summary of data of store W1Store: **W1**Retailer: **Wal-Mart**Location: **North Olmstead**Acreage **14.928**Scheme: **Urban**Sq Ft **145,700**Date: **September 24 - 30, 1996**Adjacent Street(s) **Great Northern, Brookpark**

Driveways:

6**Driveway Traffic**

	In	Out	Total Volume
Monday	4104	4050	8153
Tuesday	3689	3771	7461
Wednesday	3334	3379	6713
Thursday	3492	3598	7090
Friday	3918	4199	8117
Saturday	6020	5763	11782
Sunday	4894	4795	9689

AWDT	7507
Saturday	11782
Sunday	9689
AWDT/PH	608

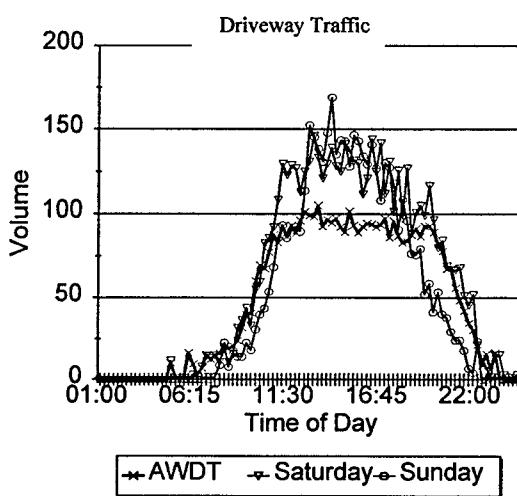
Adjacent Street Traffic

	SB	NB	Total Volume	EB	WB	Total Volume
Monday	12677	12153	24830	6844	7539	14383
Tuesday	12995	12298	25293	6775	7685	14460
Wednesday	12874	12370	25244	7224	7957	15181
Thursday	13083	12740	25823	7050	7927	14977
Friday	14606	14236	28842	8162	9026	17188
Saturday	14505	13762	28267	7777	9028	16805
Sunday	10922	10435	21357	5975	6846	12821

AWDT	26006	15238
Saturday	28267	16805
Sunday	21357	12821

Figure 19: Summary of data of store W3Store: **W3**Retailer: **Wal-Mart**Location: **Ashtabula**Acreage **21.18**Scheme: **Small/Rural**Sq Ft **130,032**Date: **September 17 - 23, 1996**Adjacent Street(s) **US-20**Driveways: **2****Driveway Traffic**

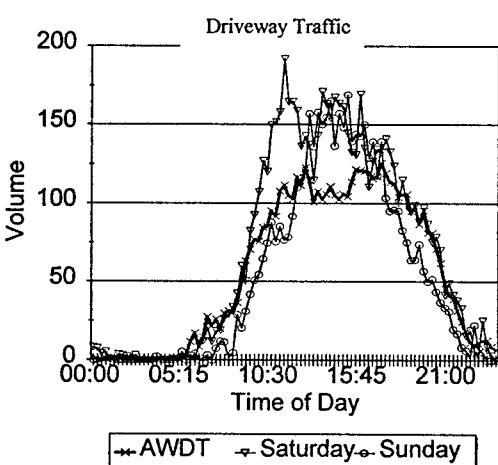
	In	Out	Total Volume
Monday	2315	2307	4623
Tuesday	2159	2185	4344
Wednesday	2100	2120	4220
Thursday	2100	2134	4234
Friday	2745	2762	5507
Saturday	2831	2873	5704
Sunday	2409	2290	4698
AWDT			4586
Saturday			5704
Sunday			4698
AWDT/PH			350

**Adjacent Street Traffic**

	WB	EB	Total Volume
Monday	6364	5913	12277
Tuesday	5951	5565	11516
Wednesday	6451	5883	12334
Thursday	6425	5964	12389
Friday	7209	6744	13953
Saturday	5611	5643	11254
Sunday	4146	4584	8730
AWDT			12494
Saturday			11254
Sunday			8730

Figure 20: Summary of data of store W4Store: **W4**Retailer: **Wal-Mart**Location: **Bryan**Acreage **19.23**Scheme: **Small/Rural**Sq Ft **102,087**Date: **November 16 - 22, 1996**Adjacent Street(s) **SR-15**Driveways: **3****Driveway Traffic**

	In	Out	Total Volume
Monday	2339	2636	4974
Tuesday	2386	2457	4843
Wednesday	2411	2645	5057
Thursday	2705	2615	5320
Friday	3297	3448	6745
Saturday	3433	3173	6606
Sunday	2659	2373	5032



AWDT	5388
Saturday	6606
Sunday	5032
AWDT/PH	477

Adjacent Street Traffic

	SB	NB	Total Volume
Monday	4124.5	4124.5	8249
Tuesday	4324	4324	8648
Wednesday	4341.5	4341.5	8683
Thursday	4440.5	4440.5	8881
Friday	4964.5	4964.5	9929
Saturday	3912	3912	7824
Sunday	2707	2707	5414

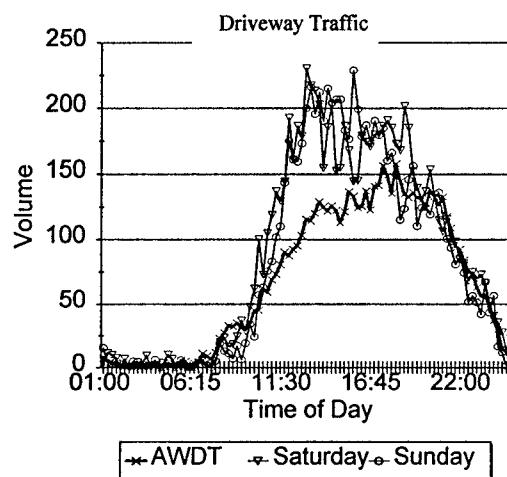
AWDT	8878
Saturday	7824
Sunday	5414

Figure 21: Summary of data of store W5Store: **W5**Retailer: **Wal-Mart**Location: **Oxford**

Acreage

Scheme: **Small/Rural**Sq Ft **102,087**Date: **October 4 - 10, 1996**Adjacent Street(s) **Locust Street, Spring Street**

Driveways:

3**Driveway Traffic**

Total

	In	Out	Volume
Monday	3061	3209	6270
Tuesday	3091	3238	6329
Wednesday	3162	3290	6452
Thursday	3402	2997	6398
Friday	3673	3646	7319
Saturday	4297	4247	8543
Sunday	3957	4027	7983

AWDT	6554
Saturday	8543
Sunday	7983
AWDT/PH	598

Adjacent Street Traffic

Total

	SB	NB	Volume	EB	WB	Total Volume
Monday	4057	4068	8125	5758	5440	11198
Tuesday	4153	4359	8512	5904	5627	11531
Wednesday	4145	4241	8386	5819	5567	11386
Thursday	4354	4635	8989	6295	6090	12385
Friday	5166	5235	10401	6829	6902	13731
Saturday	5236	5195	10431	6886	6359	13245
Sunday	4320	4317	8637	5915	5403	11318

AWDT	8883	12046
Saturday	10431	13245
Sunday	8637	11318

Pass-by Estimation --personal surveys

Trip generation rates are usually derived from actual measurements of traffic on the driveways of land uses. However, in some cases, some of the traffic generated at the site is attracted from traffic passing the site on the way from one location to another. Pass-by trips, as defined by the ITE Trip Generation Manual, are "trips made as intermediate stops on the way from an origin to a primary trip destination. Pass-by trips are attracted from traffic passing the site on an adjacent street which contains direct access to the site. These trips do not require a diversion from another roadway."

The study team conducted the personal surveys at eight stores. The ITE guidelines to conduct such surveys were followed. Figure 22 shows the form that was used to collect the data required to determine the pass-by trips. The study team collected the data from approximately 3 p.m. to 6:30 p.m. to include the evening peak. Table 4 presents the proportion of pass-by trips in the total trips generated at each site studied. The data analysis investigated the relationship of the percent of pass-by trips with the gross floor area and the adjacent street p.m. peak hour traffic. Table 5 summarizes the results. As can be seen, there is virtually no correlation with the adjacent street p.m. peak hour traffic ($R^2 = 0.009$). However, there is a better correlation with the gross floor area ($R^2 = 0.468$). The correlation was improved with the multivariable analysis ($R^2 = 0.471$). A review of the partial R^2 indicates that the gross floor area explains 46.8 percent of the correlation, and the p.m. peak hour adjacent street traffic explains an additional 0.01 percent.

Figure 22: Personal interview form for pass-by

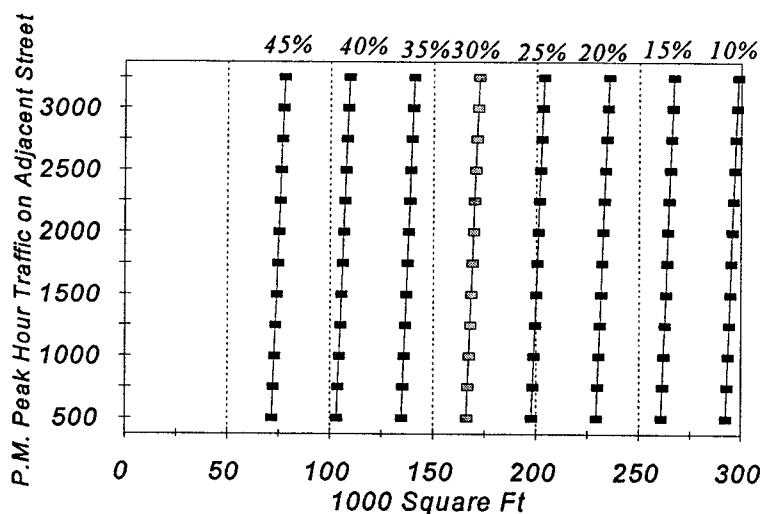
Interview Survey Form		Page	of	
Name of Store:	Gross Square Feet:	Gross Floor Area:		
Date of Survey:	Day of Week:	Time	pm to pm	
Location:				
Name of adjacent roadway with full site access (all Movements):				
with partial site access (right in, right out):				
with no direct site access:				
Interview Questions:				
1) Where did you come from immediately before arriving at [store name]?				
Home	Work	Other Retail Store	Other	
2) When you leave here, will you return to where you came from?				
Yes	No			
3) Would you have driven past here on the adjacent street if you had not been coming here? In other words, is this your normal route where you just came from and where you are going next?				
Yes	No			
Time of Day	Interview No.	Q1 (H, W, R, O)	Q2 (Y, N)	Q3 (Y, N)
	1			
	2			
	3			
	4			

Table 4: Pass-by trips and non pass-by trips, by time of day, for the afternoon

Time	Trip Category	W1 N. Olmstead 9/25	W3 Ashtabula 9/18	W4 Bryan 11/19	W5 Oxford 10/9	K1 Euclid 9/26	K2 Mansfield 10/15	K3 Hillsboro 10/8	K4 Mentor 9/19
2:45	Non Pass-By	5	2						
	Pass-By	0	1						
3:00	Non Pass-By	12	14		1	8			4
	Pass-By	1	3		1	0			1
3:15	Non Pass-By	14	21		6	14		3	9
	Pass-By	9	1		2	0		1	1
3:30	Non Pass-By	10	23	2	12	14	7	8	14
	Pass-By	5	2	2	0	1	7	3	4
3:45	Non Pass-By	12	10	2	7	14	13	7	15
	Pass-By	4	2	7	5	4	9	8	2
4:00	Non Pass-By	14	9	7	11	11	12	6	18
	Pass-By	3	1	1	2	4	6	5	5
4:15	Non Pass-By	8	7	5	8	7	17	7	12
	Pass-By	5	2	4	2	4	3	4	6
4:30	Non Pass-By	7	6	2	10	5	10	11	8
	Pass-By	6	7	4	4	4	2	3	5
4:45	Non Pass-By	10	8	7	8	14	17	14	10
	Pass-By	4	3	4	3	1	2	6	5
5:00	Non Pass-By	14	8	7	6	14	13	13	15
	Pass-By	6	5	1	1	2	2	6	4
5:15	Non Pass-By	8	9	8	4	13	12	12	15
	Pass-By	5	4	5	5	6	3	4	3
5:30	Non Pass-By	7	10	4	6	5	5	10	9
	Pass-By	8	6	4	4	6	1	5	6
5:45	Non Pass-By	11	10	7	10	7	10	12	13
	Pass-By	3	5	5	3	2	2	2	5
6:00	Non Pass-By	4	7	5	6	6	4	11	5
	Pass-By	4	6	1	2	4	1	4	4
6:15	Non Pass-By	9	9	4	4	5		6	6
	Pass-By	2	3	2	1	5		1	1
6:30	Non Pass-By				0	5			
	Pass-By				3	0			
Total Non Pass-By		145	153	60	99	142	120	120	153
Total Pass-By		65	51	40	38	43	38	52	52
Total Driveway Traffic		210	204	100	137	185	158	172	205

Table 5: Pass-by trips during p.m. peak hour of adjacent street traffic

Store	Peak Hour	Adjacent Street p.m. Traffic	Area	1,000 Sq. Ft.	% Pass- by
K1	05:00 PM	1764	217987	217.987	29.09%
K2	04:45 PM	1622	173086	173.086	16.67%
K3	04:00 PM	1165	166861	166.861	32.14%
K4	04:30 PM	1771	167000	167	26.15%
W1	05:00 PM	3346	145700	145.7	35.48%
W3	05:30 PM	1066	130032	130.032	42.86%
W4	04:30 PM	737	102087	102.087	36.84%
W5	05:15 PM	1714	102087	102.087	43.90%
Independent Variable		Equation			R²
Adj. Street p.m. Traffic		% Pass-by = 0.347 - 0.00001103 Adj. p.m. Traffic			0.009
1000 Sq. Ft.		% Pass-by = 0.565 - 0.00157 1000 Sq. Ft.			0.468
Adj. Street p.m. Traffic, 1000 Sq. Ft.		% Pass By = 0.559 + 0.00000601 Adj. p.m.. Traffic - 0.0015859 1000 Sq. Ft.			0.471



Fitted Curve Equation:

$$\% \text{ Pass By} = 0.559 + 0.00000601 \text{ Adjacent Street p.m. Traffic} - 0.0015859 1000 \text{ Sq Ft}$$

R² = 0.471

VIII. Analysis

Part of the purpose of this study was to develop average trip rates for the independent variable, 1,000 square feet of floor space, for average weekday as well as evening peak hour. A grouping scheme was also developed to determine whether different groups had different trip rates.

The only independent variable used in the analysis was 1,000 sq. ft. of floor space. Several analyses were conducted. The first was to determine whether the trip rates were significantly different among the days of the week. The second was to test whether the location of store (large urban vs. small urban/rural) had any significant effect on trip rates. The last was to determine whether there was a significant difference in rates between the results of this study and those of the ITE manual.

Difference in Rates Among Days of Week

This test would allow the aggregation of the weekday rates if the differences were not significant. Otherwise, statistical justification would exist for analyzing weekdays separately, although how this would affect site impact studies is not clear. Table 6 presents the average trip rate for each day of the week and the average trip rate for the average weekday traffic.

The AWDT rate is calculated by dividing the average weekday traffic by the value of the independent variable, 1,000 sq. ft. The weekday rate (e.g., rate for Monday) is calculated by dividing the driveway traffic for Monday at a particular store location divided by the area of the store in 1,000 sq. ft.

Table 6: Average trip rates for each day of the week and for average weekday

Store	Name	Location	Trip Rates								
			AWDT	Mon	Tue	Wed	Thu	Fri	Sat	Sun	
M1	Ontario	Small/Rural	60.74	58.63	56.09	55.44	60.52	73.01	74.65	69.70	
M2	Hamilton	Urban	46.27	46.35	43.33	42.14	45.49	54.05	61.98	53.13	
M3	North Dayton	Urban	64.03	62.81	57.86	62.69	66.50	70.28	73.61	70.26	
M4	South Dayton	Urban	67.83	68.42	66.63	66.38	66.18	71.52	72.95	69.27	
M5	Maumee	Urban	66.68	69.44	62.97	61.12	66.48	73.38	89.30	78.90	
M6	Lima	Small/Rural	61.55	56.99	56.85	60.96	59.67	73.26	84.47	70.03	
M7	Columbus	Urban	50.35	48.46	47.91	50.40	50.08	54.88	61.70	58.96	
M8	Oregon	Urban	61.35	62.12	58.09	57.78	62.57	66.20	73.37	67.95	
M9	Springfield	Urban	63.80	64.61	58.95	61.09	62.24	72.13	77.14	71.60	
M10	Marion	Small/Rural	50.01	48.11	46.92	47.65	49.34	58.03	63.44	54.72	
M11	Powell	Urban	56.84	59.44	57.51	57.47	54.41	55.37	74.83	67.50	
K1	Euclid	Urban	36.06	35.11	35.15	34.55	36.48	39.02	45.02	39.13	
K2	Mansfield	Small/Rural	39.36	37.20	35.26	35.93	36.66	51.75	62.35	49.21	
K3	Hillsboro	Small/Rural	37.76	34.66	33.78	35.24	36.48	48.62	49.43	38.64	
K4	Mentor	Urban	73.22	75.95	72.30	70.34	68.14	79.35	101.38	94.59	
W1	North Olmstead	Urban	51.52	55.96	51.21	46.08	48.66	55.71	80.87	66.50	
W3	Ashtabula	Small/Rural	35.26	35.55	33.41	32.45	32.56	42.35	43.87	36.13	
W4	Bryan	Small/Rural	52.78	48.73	47.44	49.53	52.11	66.07	64.70	49.29	
W5	Oxford	Small/Rural	64.20	61.42	62.00	63.21	62.68	71.70	83.69	78.20	
Average Trip Rates			54.97	54.57	52.03	52.41	53.91	61.93	70.31	62.50	

In general, measurements are not precisely reproducible. Depending on the size of the experimental error, the experiment must be repeated in order to draw valid conclusions. In this case, each experiment was repeated seven times (each site was counted seven days).

The data obtained from an experiment involving several levels (days of the week) of one or more factors (trip rate) are analyzed by the technique of analysis of variance (ANOVA). This technique allows breakdown of the variance of the measured variable into the portions caused by the several factors, varied singly or in combination, and a portion caused by experimental error. More precisely, ANOVA consists of (1) a partitioning of the total sum of squares of deviations from the mean into two or more component sums of squares, each of which is associated with a particular factor or with experimental error and (2) a parallel partitioning of the total number of degrees of freedom.

The analysis of variance procedure attempts to analyze the variation of a response and to assign portions of this variation to each of a set of independent variables. Since any experiment will rarely include all the variables affecting the response (average rate) in the experiment, random variation in the response is observed even though all independent variables considered are held constant.

In this case, the researcher is interested in comparing more than one mean; i.e., average rates for each day of the week. To do so, the calculations of the analysis of variance (ANOVA) are usually displayed in an ANOVA table as illustrated by Table 7.

Table 7: ANOVA table for randomized design

Source	d.f.	SS	MS	F
Treatment	$p - 1$	SST	$MST = SST/p - 1$	MST/MSE
Error	$n - p$	SSE	$MSE = SSE/n - p$	
Total	$n - 1$	$\sum_{i=1}^p \sum_{j=1}^n (y_{ij} - \bar{y})$		

p is the number of days per week

n is the total number of experiments conducted (5 weekday counts at each of the 19 sites = 95 counts)

The first column represents the source of the sum of squares. The treatment represents the factor that may affect the response. The error source corresponds to the random variation not explained by the independent variable. The second column represents the number of degrees of freedom associated with each source. The third and fourth columns represent the sums of squares and mean squares, respectively. The fifth

column is the calculated F value, which compares the MST and MSE. When comparing more than two means, the calculated F value is compared to an F statistic with $p-1$ and $n-p$ degrees of freedom for specific level of significance α ; i.e., $F_{\alpha, p-1, n-p}$. If the calculated F value is larger than the F statistic --found in statistical table--, then the hypothesis that the means are equal with level of significance α is rejected. Otherwise, not rejecting the null hypothesis indicates that there is enough evidence that the means are equal.

The results indicate there is no evidence to suggest that the average weekday rates are different, permitting the calculation of an average trip rate for the average weekday traffic. The results are shown in Table 8.

Table 8: ANOVA table for testing difference in trip rates by day of week

Source	d.f.	SS	MS	F
Treatment (day of week)	4	1312	328	2.33
Error	90	12658	141	
Total	94	13970		
Treatment	N	Mean	St. Dev	
Monday	19	54.21	12.49	
Tuesday	19	51.77	11.59	
Wednesday	19	52.13	11.76	
Thursday	19	53.54	11.70	
Friday	19	61.93	11.74	

Effect of Store Location on Trip Rate

The second analysis was the effect of store location on average trip rates. The significance in the average trip rates for the stores in the large urban areas versus those in the small urban/rural areas was examined. This test was conducted for each retailer. The null hypothesis is that there is no significant difference in the average trip rates between those stores in the large urban areas versus those in the small urban/rural areas. The null hypothesis is a claim about a population characteristic that is initially assumed to be true. The null hypothesis is rejected when there is evidence to suggest that the average rates are different. If the null hypothesis is not rejected, the conclusion is that there is not significant evidence to indicate if a difference in the average rate exists. That does not mean a difference does not really exist, just that there is no evidence for that.

In this study, the researcher compared the average trip rates between stores in large urban areas versus small urban/rural areas by retailer. Because the sample is small, the two-sample *t*-test was applied. The test deals with small sample inferences concerning

a difference between two normal population means when samples are independently chosen.

The results indicated that the null hypothesis was not rejected for all three comparisons; i.e., large urban versus small urban/rural for Meijer, Wal-Mart and K-Mart. The tests indicate that there is not sufficient evidence to indicate a difference in the average trip rates between stores in large urban areas and stores in small urban/rural areas. Therefore, we calculated an average trip rate, by retailer, disregarding the location of the store. Summary statistics are shown in Table 9.

Table 9: Summary statistics of the effect of location on average trip rate

Retailer	Store	Location	Acreage	1000 Sq Ft	AWDT	Avg Rate	Hypothesis	
Meijer	Urban						$H_0: \mu_{\text{Urban}} = \mu_{\text{Small/Rural}}$ $t = 0.443$ $t_{0.05, 9} = 1.833$ <u>Decision:</u> Do not reject H_0 . There is not sufficient evidence to indicate a difference in the average rate.	
	M2	Hamilton	32.000	249	11501	46.27		
	M3	North Dayton	28.820	210	13446	64.03		
	M4	South Dayton	31.616	237	16083	67.83		
	M5	Maumee	26.364	198	13172	66.68		
	M7	Columbus	41.515	197	9918	50.35		
	M8	Oregon	25.870	196	12007	61.35		
	M9	Springfield	50.247	217	13818	63.80		
	M11	Powell	31.200	200	11368	56.84		
K-Mart	Small/Rural						$H_0: \mu_{\text{Urban}} = \mu_{\text{Small/Rural}}$ $t = 1.863$ $t_{0.05, 2} = 2.92$ <u>Decision:</u> Do not reject H_0 . There is not sufficient evidence to indicate a difference in the average rate.	
	M1	Ontario	60.000	195	11844	60.74		
	M6	Lima	49.050	185	11401	61.55		
	M10	Marion	30.530	215	10752	50.01		
Wal-Mart	Urban						$H_0: \mu_{\text{Urban}} = \mu_{\text{Small/Rural}}$ $t = -0.246$ $t_{0.05, 2} = 2.92$ <u>Decision:</u> Do not reject H_0 . There is not sufficient evidence to indicate a difference in the average rate.	
	W1	North Olmstead	14.928	146	7507	51.52		
	Small/Rural							
	W3	Ashtabula	21.180	130	4586	35.26		

Difference in Trip Rates Among Retailers

Originally, the research team proposed to investigate whether the average trip rates generated by stores of different retailers were different. The null hypothesis was that the average trip rates were equal across retailers. However, after thorough reviews of the literature and discussions with ODOT staff, the researchers decided that it was not customary to single out certain businesses from a group of like firms in terms of their trip generation rates. Moreover, the findings would simply be the result of statistical analyses that may or may not reveal actual behavior. Therefore, the study team, with concurrence of ODOT staff, opted not to compare retailers against each other.

Difference in Trip Rates Between this Study and ITE Rates

The last step of the analysis was to compare the results of this study with the data presented in the ITE Trip Generation Manual. The researcher tested the average rates corresponding to Meijer and K-Mart against the rates of land use 813 (Discount Superstores) presented in the ITE Trip Generation Manual. Also, he tested the average rates of Wal-Mart against the rates of land use 815 (Free-Standing Discount Store). As presented earlier, Wal-Mart stores in the state of Ohio fall under the definition of land use 815. The null hypothesis was that the average trip rates, presented in the ITE manual and those found in this study were equal. Rejection of the null hypotheses would indicate that there is sufficient evidence to indicate that a difference in the average rate exists.

In both cases, the two-sample *t*-test was applied. The results indicated that, when comparing the average trip rates of this study corresponding to Meijer and K-Mart with ITE land use 813, there was no statistical evidence to reject the null hypothesis. Similarly, the results also indicated that the average rates of Wal-Mart were not different from those of land use 815. Results of the tests are presented in Tables 10 and 11.

Table 10: Summary statistics of the difference between this study and the ITE LU813

Retailer	Store	Location	Acreage	1000 Sq Ft	AWDT	Avg Rate	Hypothesis
This Study	M1	Ontario	60.000	195	11844	60.74	$H_0: \mu_{\text{This Study}} = \mu_{\text{ITE LU813}}$ $t = -1.475$ $t_{0.05, 16} = 1.75$ <u>Decision:</u> Do Not Reject H_0 . There is not sufficient evidence to indicate a difference in the average rate [10].
	M2	Hamilton	32.000	249	11501	46.27	
	M3	North Dayton	28.820	210	13446	64.03	
	M4	South Dayton	31.616	237	16083	67.83	
	M5	Maumee	26.364	198	13172	66.68	
	M6	Lima	49.050	185	11401	61.55	
	M7	Columbus	41.515	197	9918	50.35	
	M8	Oregon	25.870	196	12007	61.35	
	M9	Springfield	50.247	217	13818	63.80	
	M10	Marion	30.530	215	10752	50.01	
	M11	Powell	31.200	200	11368	56.84	
	K1	Euclid	31.060	218	7861	36.06	
	K2	Mansfield	20.040	173	6813	39.36	
	K3	Hillsboro	22.080	167	6300	37.76	
	K4	Mentor	22.000	167	12227	73.22	
	Average Rate					55.75	
	St Dev					11.73	
ITE Land Use 813[4]	Average Rate					46.96	<u>Decision:</u> Do Not Reject H_0 . There is not sufficient evidence to indicate a difference in the average rate [10].
ITE Land Use 813[4]	St Dev					12.25	

Table 11: Summary statistics of the difference between this study and the ITE LU815

Retailer	Store	Location	Acreage	1000 Sq Ft	AWDT	Avg Rate	Hypothesis
This Study	W1	North Olmstead	14.928	146	7507	51.52	$H_0: \mu_{\text{This Study}} = \mu_{\text{ITE LU815}}$ $t = -0.869$ $t_{0.05, 17} = 1.74$ <u>Decision:</u> Do Not Reject H_0 . There is not sufficient evidence to indicate a difference in the average rate [10].
	W3	Ashtabula	21.180	130	4586	35.26	
	W4	Bryan	19.230	102	5388	52.78	
	W5	Oxford	20.000	102	6554	64.20	
	Average Rate					50.08	
	St Dev					11.91	
ITE Land Use 815[4]	Average Rate					56.63	<u>Decision:</u> Do Not Reject H_0 . There is not sufficient evidence to indicate a difference in the average rate [10].
ITE Land Use 815[4]	St Dev					20.12	

IX. Summary of Results

In this section, the summary of results is presented. As noted earlier, Meijer and Super K-Mart stores fit the definition of ITE land use 813 and Wal-Mart fits the definition of ITE land use 815. Therefore, average rates for Meijer and Super K-Mart are presented together and those of Wal-Mart are presented by themselves. Table 12 presents a summary of the results of the study.

Regression analysis of the Meijer and Super K-Mart data did not yield acceptable R^2 values, while regression analysis of the Wal-Mart data led to very small R^2 values. Consequently, the data is presented in Figures 23 through 30 as plots only.

Table 12: Summary of results of the study

Description	Statistic		All Stores	Meijer/K-Mart (LU 813)	Wal-Mart (LU 815)
Average Weekday (AWDT)	Average Rate		54.97	55.75	50.08
	Minimum		35.26	36.06	35.26
	Maximum		73.22	73.22	64.20
	Standard Deviation		11.61	11.73	11.91
	Avg 1000 Sq Ft GFA		184	202	120
	Directional Distribution				
	In	50%	50%	50%	50%
		Out	50%	50%	50%
Average Weekday During the Peak Hour of Adjacent Street (AWDT/PH)	Average Rate		4.20	4.19	4.24
	Minimum		2.69	2.70	2.69
	Maximum		5.86	5.28	5.86
	Standard Deviation		0.89	0.81	1.31
	Avg 1000 Sq Ft GFA		184	202	120
	Directional Distribution				
	In	50%	49%	51%	51%
		Out	50%	51%	49%
Average Saturday	Average Rate		70.31	70.67	68.00
	Minimum		43.87	45.02	43.87
	Maximum		101.38	101.38	83.69
	Standard Deviation		14.89	14.54	18.30
	Avg 1000 Sq Ft GFA		184	202	120
	Directional Distribution				
	In	50%	50%	51%	51%
		Out	50%	50%	49%
Average Sunday	Average Rate		62.50	63.36	57.10
	Minimum		36.13	38.64	36.13
	Maximum		94.59	94.59	78.20
	Standard Deviation		15.34	14.85	18.56
	Avg 1000 Sq Ft GFA		184	202	120
	Directional Distribution				
	In	50%	50%	51%	51%
		Out	50%	50%	49%

Figure 23: Average weekday trip rate for Meijer/Super K-Mart

Meijer/Super K-Mart (LU 813)

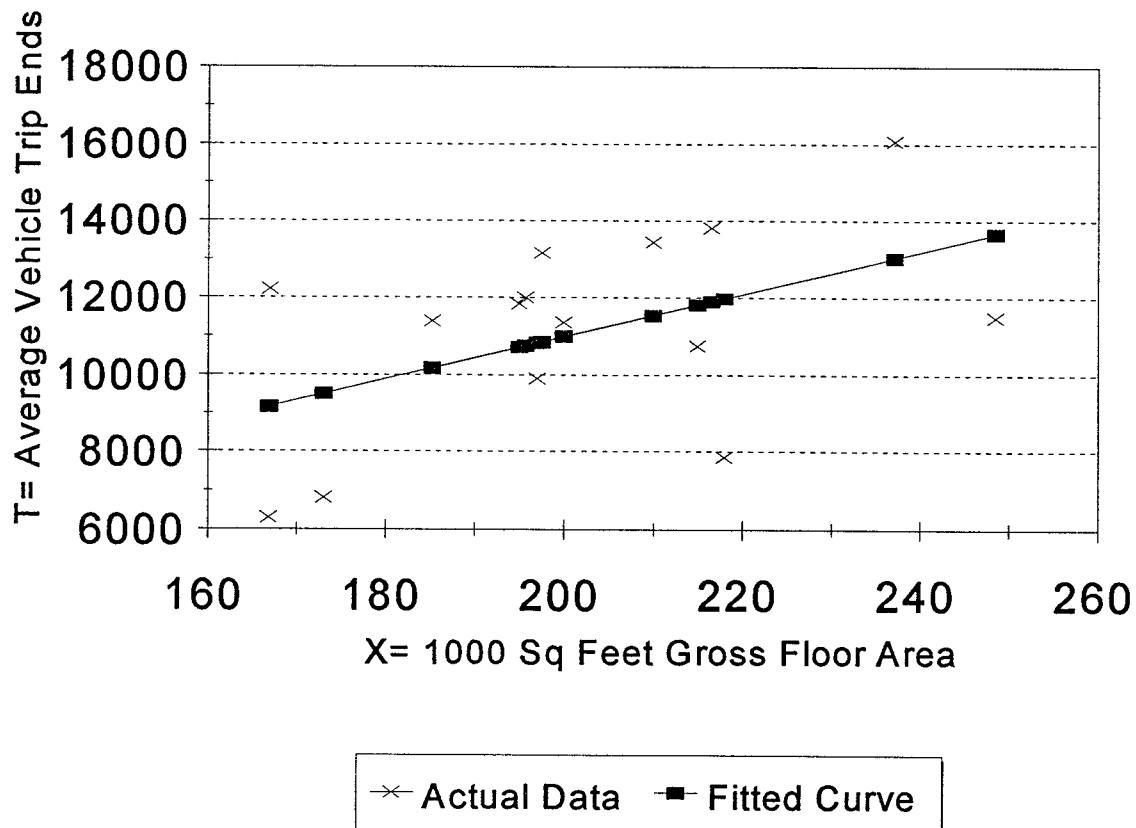
Average Vehicle Trip Ends vs : 1000 Square Feet Gross Floor Area
on a : Weekday

Average 1000 Square Feet GFA : 202
Directional Distribution : 50% entering, 50% exiting

Trip Generation per 1000 Square Feet Gross Floor Area

Average Rate	Range of Rates	Standard Deviation
55.75	36.06 - 73.22	11.73

Data Plot and Equation



Fitted Curve Equation: Not given

R² = ***

Figure 24: Average weekday trip rate during one hour between 4 and 6 p.m. for Meijer/Super K-Mart

Meijer/Super K-Mart (LU 813)

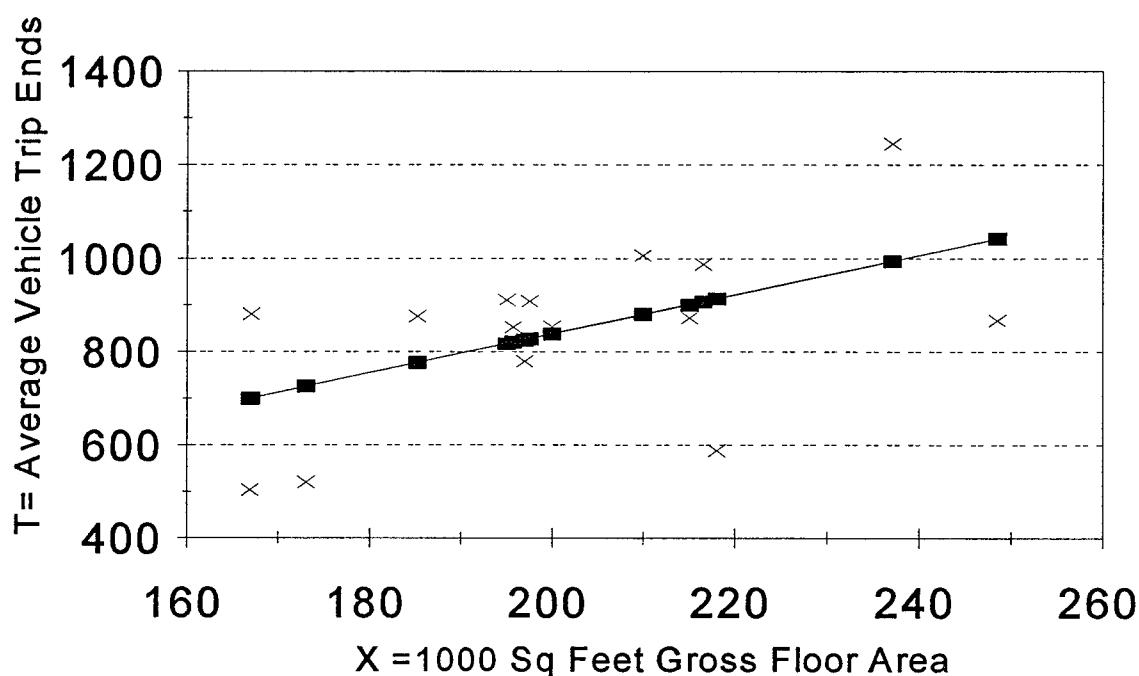
Average Vehicle Trip Ends vs : 1000 Square Feet Gross Floor Area
 on a : Weekday,
 Peak Hour of Adjacent Street Traffic,
 One Hour Between 4 and 6 p.m.

Average 1000 Square Feet GFA : 202
 Directional Distribution : 50% entering, 50% exiting

Trip Generation per 1000 Square Feet Gross Floor Area

Average Rate	Range of Rates	Standard Deviation
4.19	2.70 - 5.28	0.81

Data Plot and Equation



Fitted Curve Equation: Not given

R² = ***

Figure 25: Average Saturday trip rate for Meijer/Super K-Mart

Meijer/Super K-Mart (LU 813)

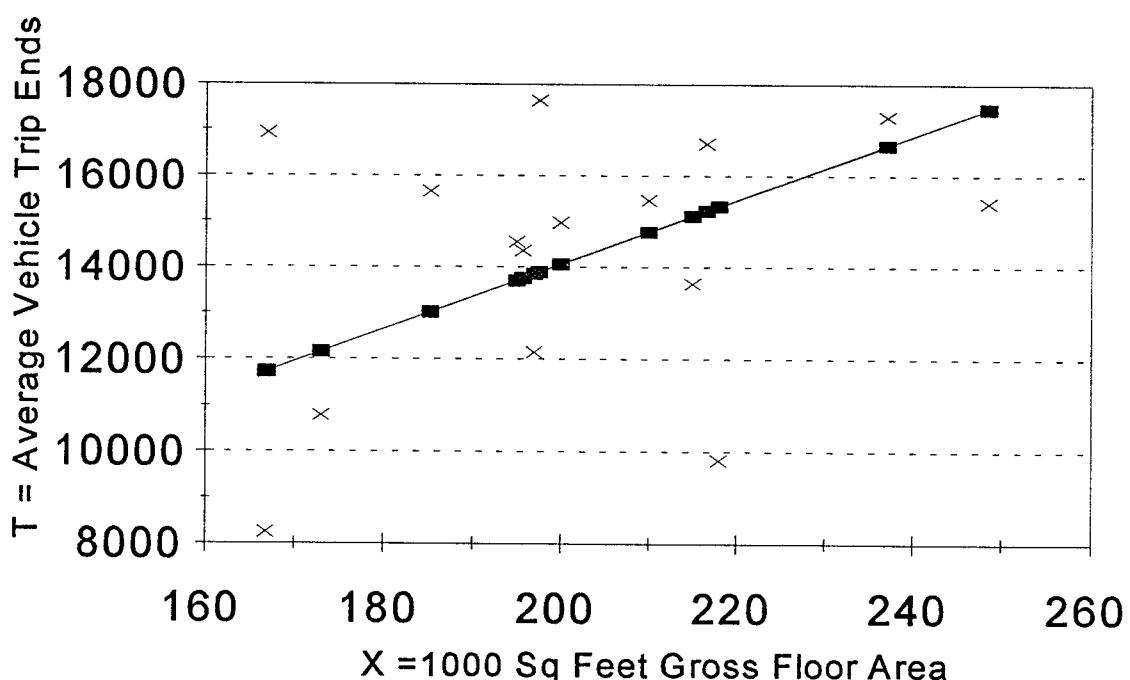
Average Vehicle Trip Ends vs : 1000 Square Feet Gross Floor Area
on a : Saturday

Average 1000 Square Feet GFA : 202
Directional Distribution : 50% entering, 50% exiting

Trip Generation per 1000 Square Feet Gross Floor Area

Average Rate	Range of Rates	Standard Deviation
70.67	45.02 - 101.38	14.54

Data Plot



Actual Data ■ Fitted Curve

Fitted Curve Equation: Not given

R² = ***

Figure 26: Average Sunday trip rate for Meijer/Super K-Mart

Meijer/Super K-Mart (LU 813)

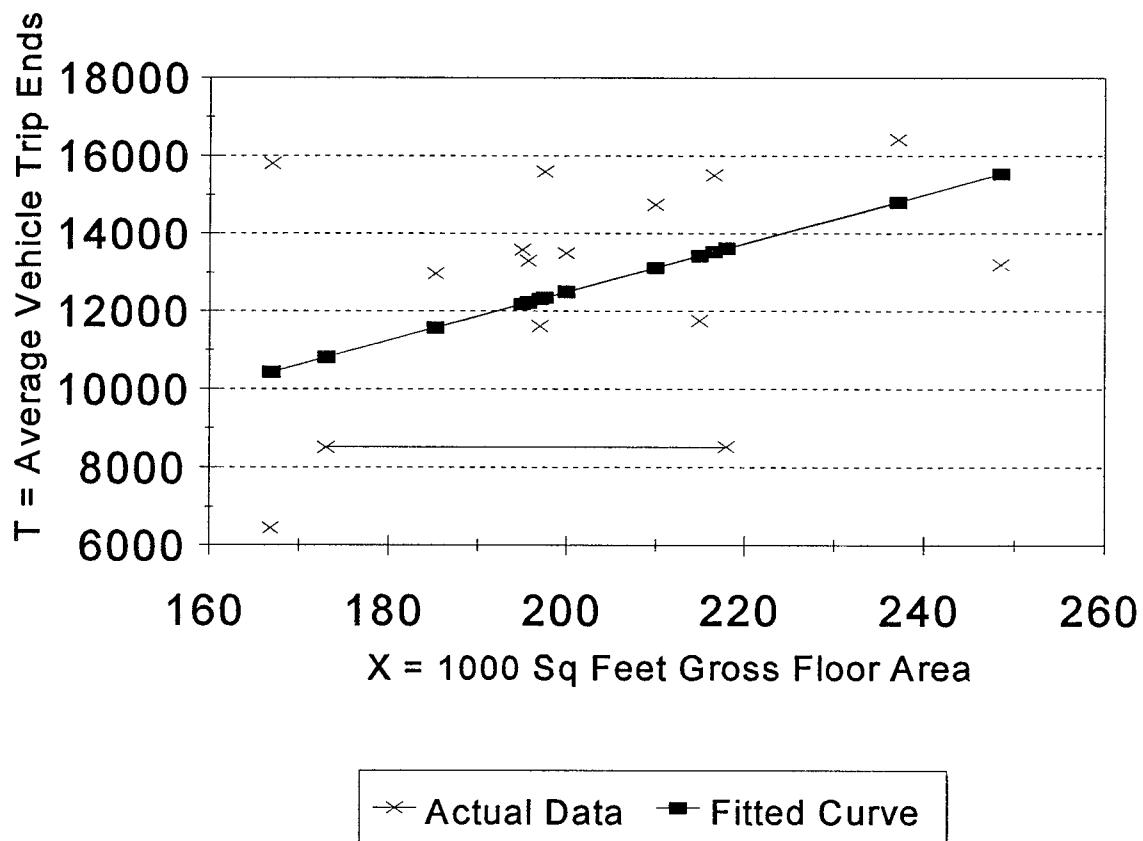
Average Vehicle Trip Ends vs : 1000 Square Feet Gross Floor Area
on a : Sunday

Average 1000 Square Feet GFA : 202
Directional Distribution : 50% entering, 50% exiting

Trip Generation per 1000 Square Feet Gross Floor Area

Average Rate	Range of Rates	Standard Deviation
63.36	38.64 - 94.59	14.85

Data Plot and Equation



Fitted Curve Equation: Not given

R² = ***

Figure 27: Average weekday trip rate for Wal-Mart

Wal-Mart (LU 815)

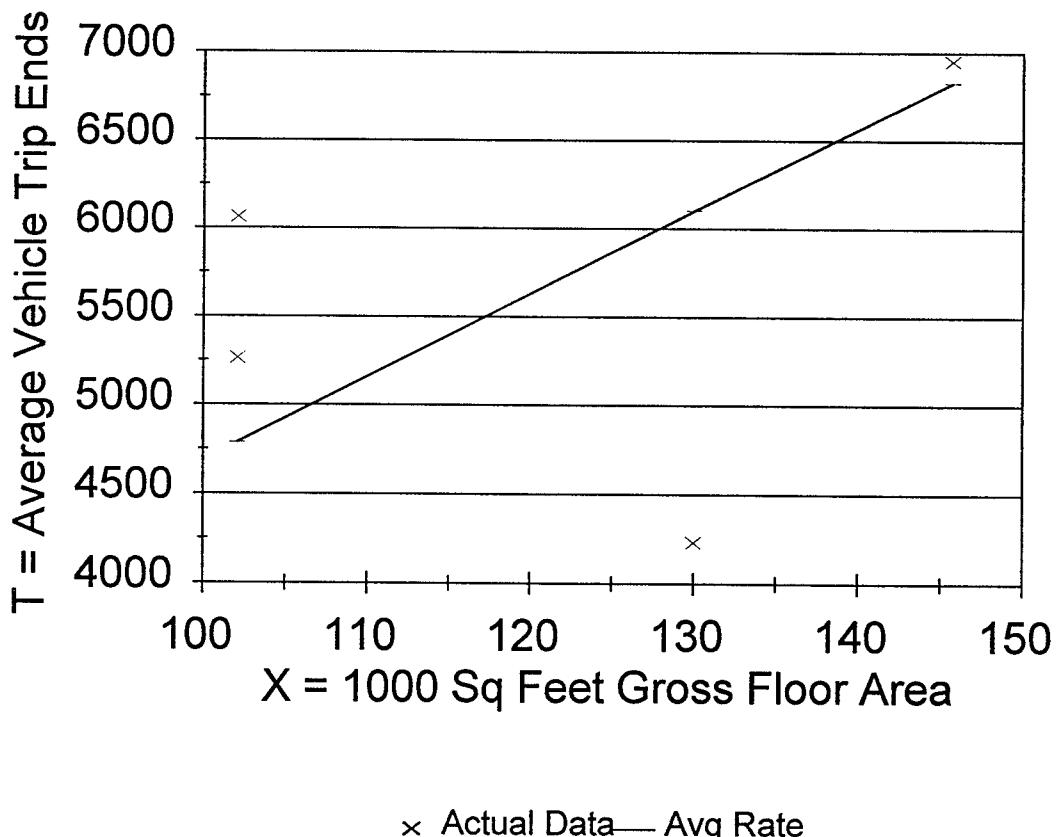
Average Vehicle Trip Ends vs : 1000 Square Feet Gross Floor Area
on a : Weekday

Average 1000 Square Feet GFA : 120
Directional Distribution : 50% entering, 50% exiting

Trip Generation per 1000 Square Feet Gross Floor Area

Average Rate	Range of Rates	Standard Deviation
50.08	35.26 - 64.20	11.91

Data Plot and Equation



Fitted Curve Equation: Not Given

R² = ***

Figure 28: Average weekday trip rate during one hour between 4 and 6 p.m. for Wal-Mart

Wal-Mart (LU 815)

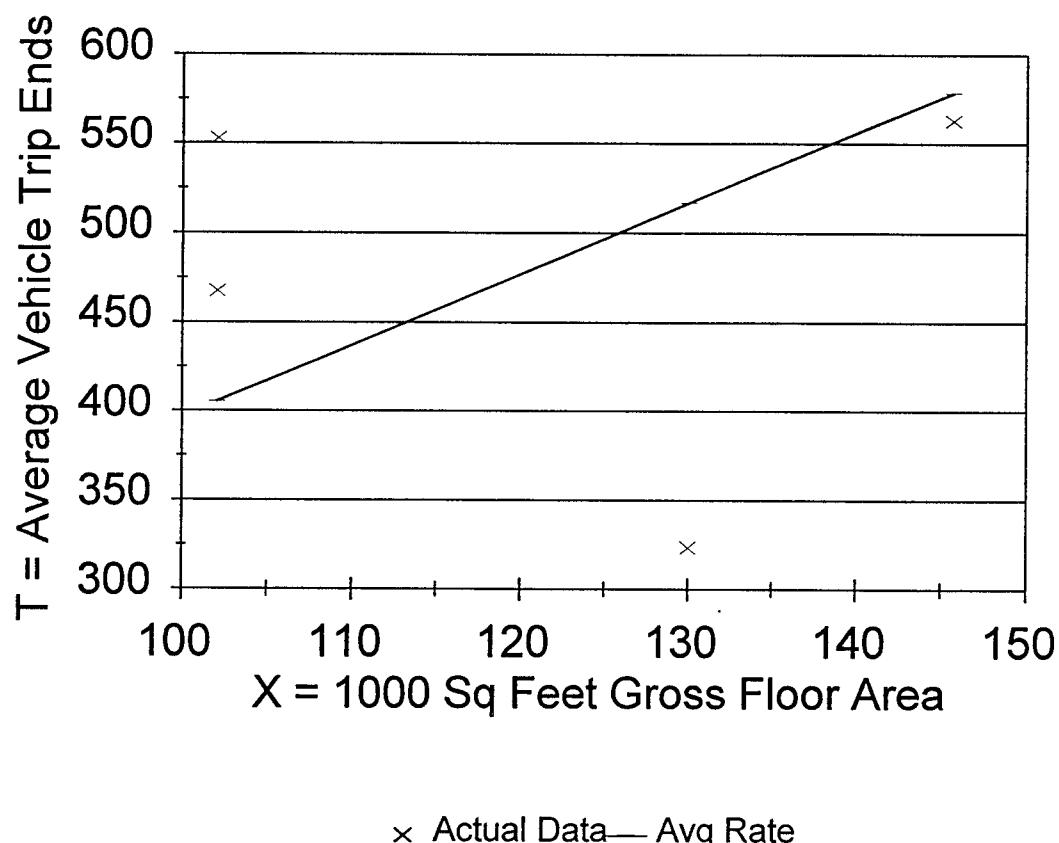
Average Vehicle Trip Ends vs : 1000 Square Feet Gross Floor Area
 on a : Weekday,
 Peak Hour of Adjacent Street Traffic, One
 Hour Between 4 and 6 p.m.

Average 1000 Square Feet GFA : 120
 Directional Distribution : 51% entering, 49% exiting

Trip Generation per 1000 Square Feet Gross Floor Area

Average Rate	Range of Rates	Standard Deviation
4.24	2.69 - 5.86	1.31

Data Plot and Equation



Fitted Curve Equation: Not Given

$R^2 = ***$

Figure 29: Average Saturday trip rate for Wal-Mart

Wal-Mart (LU 815)

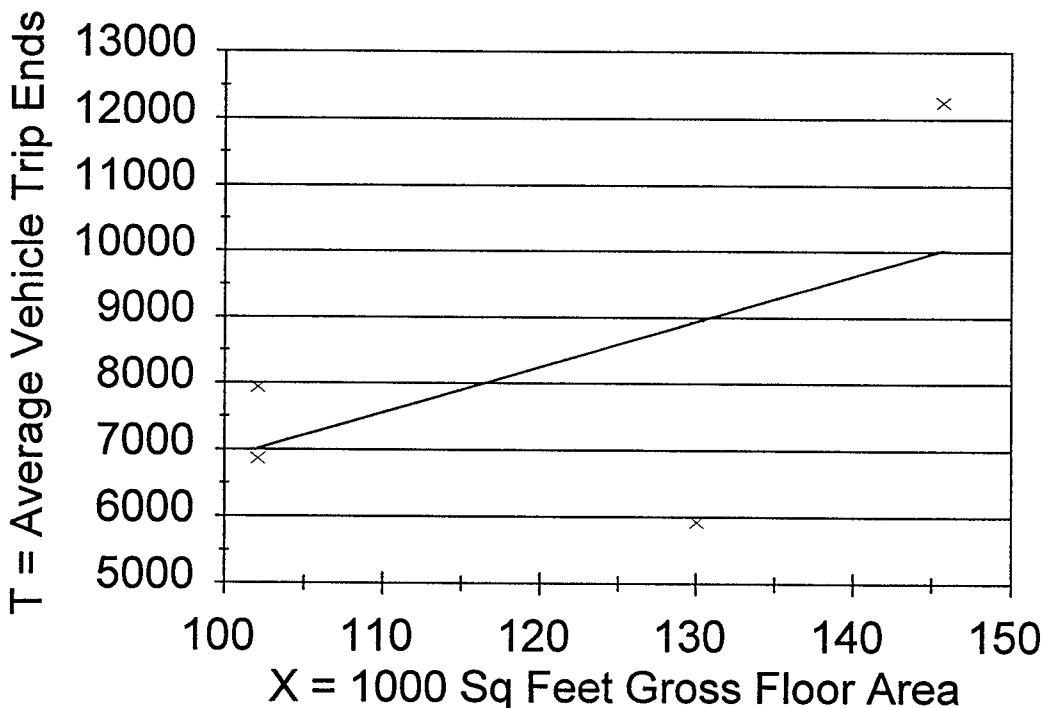
**Average Vehicle Trip Ends vs : 1000 Square Feet Gross Floor Area
on a : Saturday**

**Average 1000 Square Feet GFA : 120
Directional Distribution : 51% entering, 49% exiting**

Trip Generation per 1000 Square Feet Gross Floor Area

Average Rate	Range of Rates	Standard Deviation
68.00	43.87 - 83.69	18.30

Data Plot and Equation



x Actual Data—Avg Rate

Fitted Curve Equation: Not Given

$R^2 = ***$

Figure 30: Average Sunday trip rate for Wal-Mart

Wal-Mart (LU 815)

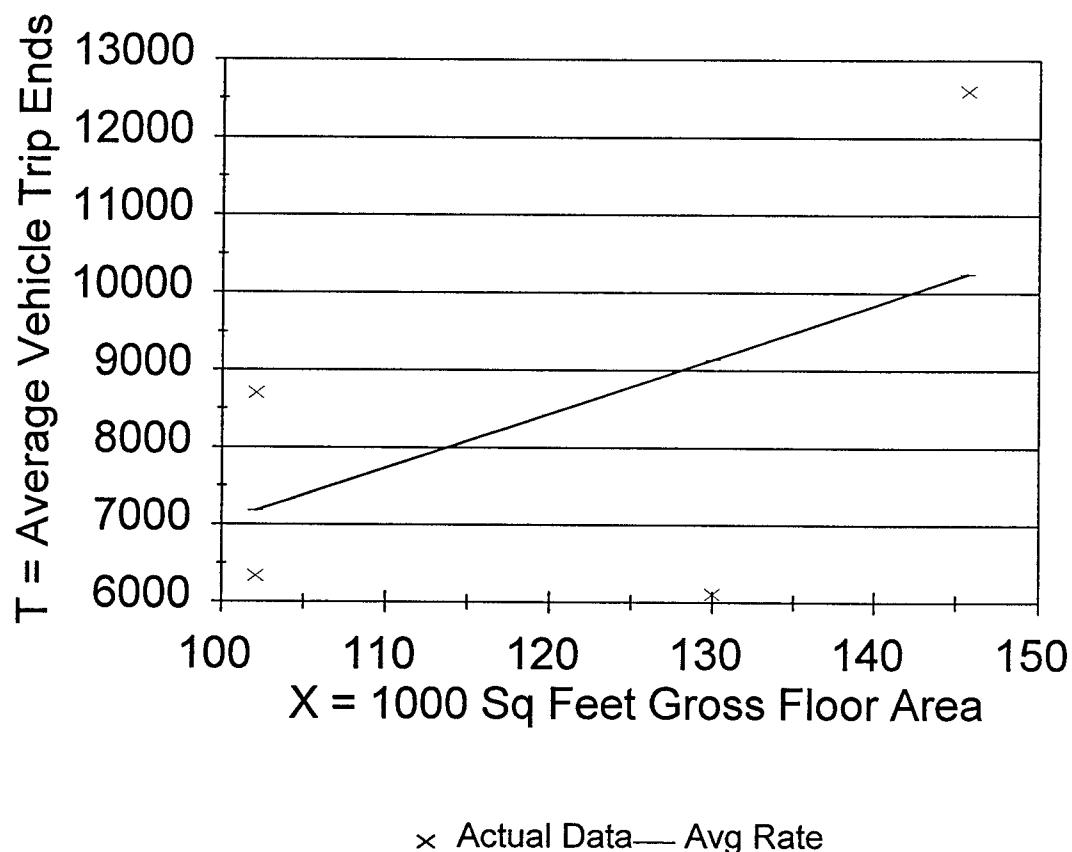
Average Vehicle Trip Ends vs : 1000 Square Feet Gross Floor Area
on a : Sunday

Average 1000 Square Feet GFA : 120
Directional Distribution : 51% entering, 49% exiting

Trip Generation per 1000 Square Feet Gross Floor Area

Average Rate	Range of Rates	Standard Deviation
57.10	36.13 - 78.20	18.56

Data Plot and Equation



Fitted Curve Equation: Not Given

R² = ***

X. Summary, Conclusions and Recommendations

Summary

The purpose of this study was to develop average trip rates for free-standing discount superstores in the state of Ohio. Specifically, the study focused on two types of large retailers. One type offers a variety of customer services in addition to a full-service grocery department under the same roof. These establishments usually have off-street parking and maintain long store hours seven days a week. Retailers that fit these criteria were Meijer and Super K-Mart. The definition of such establishments is similar to land use 813 presented in the ITE Trip Generation Manual. The second type is those retailers which offer a variety of customer services without a full-service grocery department. These establishments also have off-street parking and maintain long store hours. Such facilities include Wal-Mart. The definition of such establishments is similar to land use 815 presented in the ITE manual. The ITE manual presents average rates for free-standing discount superstores; however, it is based on a study conducted on Wal-Mart Supercenters, which do not exist in Ohio. Therefore, this study was needed to investigate whether the ITE rates can be applied in Ohio.

The second objective of the study was to find the percent of pass-by trips from the main traffic stream for the evening peak period. The 6th edition of the ITE manual does not have data on pass-by trips. Earlier editions, however, included some data for different individual establishments. The Institute of Transportation Engineers (ITE) is currently in the process of preparing a "Trip Generation Handbook". The handbook will include a chapter on a recommended methodology for interpreting and applying the pass-by data and will provide instructions on how to conduct a pass-by survey. Therefore, the study desired to find the percent of pass-by trips as a function of the adjacent street traffic.

In order to achieve the objectives of this study, traffic counts for the trip rates and personal surveys for the pass-by traffic were needed at each site. The experiment was designed to find the number of sites that are needed to provide meaningful results. Twenty stores were found to be sufficient. However, for technical difficulties, only nineteen stores were counted. This lower number of stores did not affect the accuracy of the study. The sites were selected according to a grouping scheme agreed upon with ODOT. The scheme was based on the location of stores and retailers. Specifically, the stores were divided into two groups, stores located in large urban areas and those located in small urban or rural areas. Eleven stores were large urban and eight stores were small urban or rural.

The consultant conducted mechanical traffic counts at the driveway of every site for seven continuous days. The consultant also counted traffic on the main crossroads adjacent to the site. The counts were examined for accuracy and the consultant re-counted traffic at some locations due to mechanical malfunctions.

The research team conducted personal surveys to determine the percent of pass-by traffic at eight stores. The surveys were conducted during the period that would include the peak hour of the adjacent street.

The researcher summarized the driveway traffic by day of the week for each store. He also summarized the adjacent roadway(s) traffic by day of the week.

The analysis revealed that there is no evidence to suggest that the average weekday rate was significantly different for any individual weekday. It was also found that the effect of store location (large urban versus small urban/rural) on the average trip rates by retailer was not statistically significant. Finally, the analysis indicated that the average weekday trip rate presented in the ITE Trip Generation Manual for land use 813 was not significantly different from those of Meijer and Super K-mart. Moreover, the results showed that Wal-Mart average trip rates were not significantly different from those of ITE land use 815.

Conclusions and Recommendations

The research team concludes that there is not a significant difference between the average weekday trip rates of Meijer/Super K-Mart and the average trip rates presented in the ITE manual for land use 813. The team also found that there is no significant difference between the average trip rates of Wal-Mart and those of ITE land use 815. However, since the data collected and analyzed are those of stores in the state of Ohio, the research team recommends that the Ohio Department of Transportation use the rates presented in this study for land use 813 and the rates given by the ITE Trip Generation for land use 815. The average weekday trip rates, average weekday trip rates during one hour between 4 and 6 p.m., average Saturday trip rates, and average Sunday trip rates are presented again in Table 13. Pass-by trips in relation to the adjacent street traffic volume are also presented in Table 14.

Table 13: Summary of trip rates for the study

Description	Statistic	All Stores	Meijer/K-Mart (LU 813)	Wal-Mart (LU 815)
Average Weekday (AWDT)	Average Rate	54.97	55.75	50.08
	Minimum	35.26	36.06	35.26
	Maximum	73.22	73.22	64.20
	Standard Deviation	11.61	11.73	11.91
	Avg 1000 Sq Ft GFA	184	202	120
	Directional Distribution			
	In	50%	50%	50%
	Out	50%	50%	50%
Average Weekday During the Peak Hour of Adjacent Street (AWDT/PH)	Average Rate	4.20	4.19	4.24
	Minimum	2.69	2.70	2.69
	Maximum	5.86	5.28	5.86
	Standard Deviation	0.89	0.81	1.31
	Avg 1000 Sq Ft GFA	184	202	120
	Directional Distribution			
	In	50%	49%	51%
	Out	50%	51%	49%
Average Saturday	Average Rate	70.31	70.67	68.00
	Minimum	43.87	45.02	43.87
	Maximum	101.38	101.38	83.69
	Standard Deviation	14.89	14.54	18.30
	Avg 1000 Sq Ft GFA	184	202	120
	Directional Distribution			
	In	50%	50%	51%
	Out	50%	50%	49%
Average Sunday	Average Rate	62.50	63.36	57.10
	Minimum	36.13	38.64	36.13
	Maximum	94.59	94.59	78.20
	Standard Deviation	15.34	14.85	18.56
	Avg 1000 Sq Ft GFA	184	202	120
	Directional Distribution			
	In	50%	50%	51%
	Out	50%	50%	49%

TABLE 14: Pass-by trips during p.m. peak hour of adjacent street traffic

Store	Peak Hour	Adjacent Street p.m. Traffic	Area	1,000 Sq. Ft.	% Pass-by			
K1	05:00 PM	1764	217987	217.987	29.09%			
K2	04:45 PM	1622	173086	173.086	16.67%			
K3	04:00 PM	1165	166861	166.861	32.14%			
K4	04:30 PM	1771	167000	167	26.15%			
W1	05:00 PM	3346	145700	145.7	35.48%			
W3	05:30 PM	1066	130032	130.032	42.86%			
W4	04:30 PM	737	102087	102.087	36.84%			
W5	05:15 PM	1714	102087	102.087	43.90%			
Independent Variable		Equation			R²			
Adj. Street p.m. Traffic		% Pass-by = 0.347 - 0.00001103 Adj. p.m. Traffic			0.009			
1000 Sq. Ft.		% Pass-by = 0.565 - 0.00157 1000 Sq. Ft.			0.468			
Adj. Street p.m. Traffic, 1000 Sq. Ft.		% Pass By = 0.559 + 0.00000601 Adj. p.m. Traffic - 0.0015859 1000 Sq. Ft.			0.471			
Fitted Curve Equation:								
$\% \text{ Pass By} = 0.559 + 0.00000601 \text{ Adjacent Street p.m. Traffic} - 0.0015859 \text{ 1000 Sq Ft}$								
R² = 0.471								

XI. References

1. Hartshorn, Truman A., "INTERPRETING THE CITY: An Urban Geography," John Wiley & Sons, New York, 1980.
2. Personal interview with Daryl Skinner and Elliot Olson, Retail Planners, Dakota Worldwide, a retail planning office out of Minneapolis. Interview conducted by Ms. Nancy Reger of the Mid-Ohio Regional Planning Commission.
3. Unpublished internal memo, Nancy Reger, Principal Planner, Mid-Ohio Regional Planning Commission, Columbus, Ohio, July 26, 1995.
4. "TRIP GENERATION, 6th Edition," Institute of Transportation Engineers, Washington, D.C., 1997.
5. Unpublished traffic impact study for a Meijer store in Lancaster, Ohio.
6. "TRIP GENERATION," February 1995 Update to the 5th Edition, Institute of Transportation Engineers, 1995.
7. Personal telephone interviews with staff of Meijer, Wal-Mart and K-Mart conducted by Ahmad Al-Akhras, Mid-Ohio Regional Planning Commission.
8. Krueckeberg, Donald A. and Arthur L. Silvers, "URBAN PLANNING ANALYSIS: METHODS AND MODEL," John Wiley & Sons, 1974.
9. "1990 Census of Population and Housing, Population and Housing Unit Counts, Ohio," U.S. Department of Commerce, Economics and Statistics Administration, Bureau of the Census, Washington, D.C., April 1993.
10. Devore, Jay and Roxy Peck, "Statistics: the Exploration and Analysis of Data," 3rd Edition, Duxbury Press, 1997.
11. Personal telephone interviews with staff of Wal-Mart store #1913 in Bowling Green, Ohio and Super K-Mart regional office at store #4992 in Euclid, Ohio, conducted by Ahmad Al-Akhras, Mid-Ohio Regional Planning Commission, December 10, 1997.

XII. Appendix A

Traffic Counts

Meijer
M1, Ontario
Small/Rural

Factored

Driveway Traffic

M1 Time	03/10/97		03/11/97		03/12/97		03/13/97		03/14/97		03/15/97		03/16/97	
	Monday In	Out	Tuesday In	Out	Wednesday In	Out	Thursday In	Out	Friday In	Out	Saturday In	Out	Sunday In	Out
01:00	20	16	7	5	3	4	5	6	16	21	25	30	20	37
01:15	16	13	8	14	6	6	15	8	19	26	19	36	24	24
01:30	16	13	7	10	3	10	4	8	14	16	17	19	7	29
01:45	5	4	4	4	5	13	14	10	9	24	11	22	11	19
02:00	9	6	5	8	1	8	11	11	7	6	11	17	16	19
02:15	8	5	7	15	1	3	4	17	7	14	6	18	4	11
02:30	4	8	1	3	1	4	13	5	8	9	14	6	1	8
02:45	1	4	7	5	5	6	2	12	9	5	8	13	14	11
03:00	6	5	5	5	6	6	12	9	13	11	4	13	3	16
03:15	5	0	6	10	6	2	7	6	5	14	8	6	2	9
03:30	1	3	2	4	4	3	1	8	6	2	0	6	6	5
03:45	7	10	3	9	4	12	6	6	1	5	2	4	8	4
04:00	8	1	9	3	2	7	2	12	8	8	5	6	5	5
04:15	11	3	2	10	8	7	8	2	16	10	6	10	5	4
04:30	7	3	4	2	4	11	2	3	6	4	8	10	4	1
04:45	5	13	7	7	9	6	13	9	11	5	8	6	3	4
05:00	9	8	6	4	5	9	5	5	7	4	7	6	6	5
05:15	6	9	6	5	9	3	13	6	9	6	6	2	5	8
05:30	13	17	13	6	11	9	8	12	11	8	12	8	11	6
05:45	15	12	18	12	18	12	20	12	14	18	9	7	4	2
06:00	9	11	14	13	4	10	22	22	12	10	6	8	9	10
06:15	14	25	36	17	17	17	26	37	22	14	8	5	9	7
06:30	23	16	29	27	26	16	20	30	25	17	18	8	9	5
06:45	19	17	30	26	25	16	38	31	40	21	12	7	7	6
07:00	24	25	34	28	26	20	25	37	19	29	32	18	15	9
07:15	37	30	45	35	32	26	25	36	43	32	36	7	22	13
07:30	35	44	42	36	39	37	40	42	26	22	26	19	15	12
07:45	33	48	45	39	36	32	39	40	53	28	37	29	27	12
08:00	46	39	63	33	49	44	47	47	53	33	41	32	22	28
08:15	36	39	57	37	37	45	40	36	51	49	54	28	34	25
08:30	34	36	47	49	58	49	42	35	63	48	56	39	34	21
08:45	46	60	46	40	49	53	53	58	51	41	53	44	41	35
09:00	37	56	71	46	71	46	67	51	68	41	64	40	50	31
09:15	51	52	62	43	67	59	74	53	71	46	50	40	68	41
09:30	66	54	64	70	67	70	70	81	77	56	80	53	65	45
09:45	41	66	60	53	84	63	74	64	60	57	84	50	74	51
10:00	62	65	83	56	71	61	93	94	83	49	72	87	84	42
10:15	63	75	85	71	82	62	99	72	82	71	90	72	70	62
10:30	78	76	80	72	79	82	67	77	76	75	109	77	103	70
10:45	53	92	106	98	75	60	98	75	79	84	108	67	85	81
11:00	75	108	78	70	83	86	105	93	105	77	91	82	93	70
11:15	87	88	104	101	89	83	102	87	80	66	101	71	105	84
11:30	75	97	108	101	112	80	108	120	108	96	124	91	118	91
11:45	81	94	90	102	83	100	114	93	106	86	119	97	116	99
12:00	97	103	79	98	90	83	98	117	122	96	146	99	139	94
12:15	86	124	116	91	120	93	112	104	112	109	110	139	142	109
12:30	92	156	108	100	104	103	100	100	130	108	151	103	120	106
12:45	123	129	101	102	100	112	108	104	132	105	121	120	127	121
13:00	29	30	105	108	109	108	104	97	119	113	155	141	146	131
13:15	109	80	83	100	104	95	105	112	98	111	120	132	170	132
13:30	119	126	85	96	90	104	114	100	139	104	134	102	137	144
13:45	119	108	100	99	105	106	119	112	117	102	137	127	166	136
14:00	117	110	114	92	103	113	97	113	109	105	151	114	174	143
14:15	121	118	104	92	120	98	95	100	102	132	131	124	158	139
14:30	104	109	113	111	84	105	99	108	126	136	146	132	143	133
14:45	111	119	106	107	82	100	97	103	124	115	140	133	180	132
15:00	100	117	88	100	98	85	88	110	119	108	152	123	156	143
15:15	133	105	97	94	85	102	98	109	105	108	145	148	153	153
15:30	106	121	103	130	95	108	116	101	105	138	152	134	168	145
15:45	119	111	106	109	102	119	114	106	119	131	165	143	147	180
16:00	100	129	113	119	100	104	114	137	114	105	151	146	139	160
16:15	128	106	121	113	100	86	133	100	111	132	125	129	139	124
16:30	103	115	95	116	102	124	130	121	97	100	141	143	158	122
16:45	118	117	79	117	109	123	79	117	126	122	134	132	174	141
17:00	137	132	92	106	103	106	113	97	120	122	111	123	137	129
17:15	143	133	97	118	88	119	129	105	104	103	122	132	128	145
17:30	112	126	107	97	124	116	129	142	130	107	102	108	129	119
17:45	131	115	88	103	93	87	121	130	134	114	114	118	124	117
18:00	106	137	117	92	96	106	96	122	88	106	110	121	129	142
18:15	87	120	89	98	60	85	113	116	145	120	112	111	130	131
18:30	70	92	88	94	87	76	109	117	126	114	137	112	132	123
18:45	95	92	80	79	82	100	88	88	116	113	114	102	123	108
19:00	120	93	99	91	101	89	86	94	122	112	139	119	116	101
19:15	77	86	102	90	79	84	107	114	137	108	98	139	104	108
19:30	108	92	78	90	97	95	100	89	108	117	116	102	125	153
19:45	85	94	80	118	83	95	92	104	132	118	98	98	97	114
20:00	87	86	74	98	63	122	64	71	125	124	132	88	77	102
20:15	76	95	64	91	56	61	75	110	122	124	117	108	86	96
20:30	68	98	61	72	61	61	56	84	134	96	105	108	67	89
20:45	64	75	41	63	62	82	55	63	124	128	85	86	84	84
21:00	71	85	54	63	72	55	56	62	144	124	111	98	88	67
21:15	38	63	56	50	57	51	45	75	123	132	131	130	71	88
21:30	58	57	54	43	49	63	50	62	116	124	130	102	61	86
21:45	50	60	40	50	44	47	38	60	117	130	131	88	76	83
22:00	27	51	28	64	30	52	34	28	119	128	101	119	67	66
22:15	37	56	24	39	47	63	61	55	92	130	77	99	61	73
22:30	24	53	19	40	43	47	35	48	87	100	100	108	61	66
22:45	32	42	17	34	28	56	27	40	82	99	62	103	46	70
23:00	15	26	20	34	17	39	24	25	53	82	56	86	33	60
23:15	20	36	20	30	20	21	22	40	71	108	67	84	37	43
23:30	15	21	16	23	16	27	20	21	59	97	64	76	44	41
23:45	13	23	18	24	26	13	35	24	63	67	47	98	33	39
00:00	11	19	11	18	15	16	11	27	57	62	50	51	23	40
00:15	15	11	15	18	9	17	9	18	38	77	24	53	16	24
00:30	9	11	6	14	8	10	17	11	39	53	38	39	12	21
00:45	14	13	8	10	17	13	12	14	22	40	32	39	7	23

Total	5442	5990	5385	5552	5310	5502	5799	6002	7221	7017	7498	7058	6999	6591
In/Out Tot		11433		10937		10812		11801		14237		14556		13591

Mile	3101		3101		3101	
	Sunday	Day	Saturday	Day	Sunday	Day
Time	NB	SS	NB	SS	NB	SS
031/16/97	01:00	19				
031/16/97	01:15	21	4			
031/16/97	01:30	12				
031/16/97	01:45	7	3			
031/16/97	02:00	17	2			
031/16/97	02:15	4				
031/16/97	02:30	12	4			
031/16/97	02:45	12	4			
031/16/97	03:00	6	6			
031/16/97	03:15	6	6			
031/16/97	03:30	0	0			
031/16/97	03:45	6	6			
031/16/97	04:00	4	5			
031/16/97	04:15	6	6			
031/16/97	04:30	1	5			
031/16/97	04:45	7	5			
031/16/97	05:00	5	5			
031/16/97	05:15	0	0			
031/16/97	05:30	5	5			
031/16/97	05:45	3	6			
031/16/97	06:00	10	9			
031/16/97	06:15	10	10			
031/16/97	06:30	13	13			
031/16/97	06:45	15	26			
031/16/97	07:00	20	45			
031/16/97	07:15	19	23			
031/16/97	07:30	11	11			
031/16/97	07:45	9	8			
031/16/97	08:00	13	9			
031/16/97	08:15	11	22			
031/16/97	08:30	13	22			
031/16/97	08:45	15	26			
031/16/97	09:00	20	45			
031/16/97	09:15	19	23			
031/16/97	09:30	11	11			
031/16/97	09:45	9	8			
031/16/97	09:55	11	11			
031/16/97	10:10	15	56			
031/16/97	10:25	12	12			
031/16/97	10:40	15	56			
031/16/97	10:55	11	11			
031/16/97	11:10	49	88			
031/16/97	11:25	47	116			
031/16/97	11:40	12	60			
031/16/97	11:55	51	110			
031/16/97	12:10	87	144			
031/16/97	12:25	71	138			
031/16/97	12:40	71	138			
031/16/97	12:55	66	144			
031/16/97	13:10	66	144			
031/16/97	13:25	66	144			
031/16/97	13:40	66	144			
031/16/97	13:55	66	144			
031/16/97	14:10	117	117			
031/16/97	14:25	105	128			
031/16/97	14:40	91	104			
031/16/97	14:55	104	104			
031/16/97	15:10	96	96			
031/16/97	15:25	134	111			
031/16/97	15:40	126	84			
031/16/97	15:55	117	117			
031/16/97	16:10	116	110			
031/16/97	16:25	99	81			
031/16/97	16:40	99	82			
031/16/97	16:55	121	104			
031/16/97	17:10	155	155			
031/16/97	17:25	108	95			
031/16/97	17:40	115	115			
031/16/97	17:55	104	95			
031/16/97	18:10	94	107			
031/16/97	18:25	95	64			
031/16/97	18:40	91	43			
031/16/97	18:55	80	47			
031/16/97	19:10	50	59			
031/16/97	19:25	42	45			
031/16/97	19:40	33	41			
031/16/97	19:55	23	23			
031/16/97	20:10	19	23			
031/16/97	20:25	23	30			
031/16/97	20:40	21	19			
031/16/97	20:55	24	24			
031/16/97	21:10	15	12			
031/16/97	21:25	14	5			
031/16/97	21:40	26	23			
031/16/97	21:55	23	30			
031/16/97	22:10	21	19			
031/16/97	22:25	19	19			
031/16/97	22:40	24	24			
031/16/97	22:55	15	12			
031/16/97	23:10	27	10			
031/16/97	23:25	14	5			
031/16/97	23:40	12	4			
031/16/97	23:55	18	15			
031/16/97	00:10	15	5			
031/16/97	00:25	3	2			

3101		3102	
MTD	Friday	Time	LN-BB
031/4497	01:00	10	4
031/4497	01:15	11	7
031/4497	01:30	12	3
031/4497	01:45	13	4
031/4497	02:00	14	5
031/4497	02:15	15	6
031/4497	02:30	16	7
031/4497	02:45	17	8
031/4497	03:00	18	9
031/4497	03:15	19	10
031/4497	03:30	20	11
031/4497	03:45	21	12
031/4497	04:00	22	13
031/4497	04:15	23	14
031/4497	04:30	24	15
031/4497	04:45	25	16
031/4497	05:00	26	17
031/4497	05:15	27	18
031/4497	05:30	28	19
031/4497	05:45	29	20
031/4497	06:00	30	21
031/4497	06:15	31	22
031/4497	06:30	32	23
031/4497	06:45	33	24
031/4497	07:00	34	25
031/4497	07:15	35	26
031/4497	07:30	36	27
031/4497	07:45	37	28
031/4497	08:00	38	29
031/4497	08:15	39	30
031/4497	08:30	40	31
031/4497	08:45	41	32
031/4497	09:00	42	33
031/4497	09:15	43	34
031/4497	09:30	44	35
031/4497	09:45	45	36
031/4497	10:00	46	37
031/4497	10:15	47	38
031/4497	10:30	48	39
031/4497	10:45	49	40
031/4497	11:00	50	41
031/4497	11:15	51	42
031/4497	11:30	52	43
031/4497	11:45	53	44
031/4497	12:00	54	45
031/4497	12:15	55	46
031/4497	12:30	56	47
031/4497	12:45	57	48
031/4497	13:00	58	49
031/4497	13:15	59	50
031/4497	13:30	60	51
031/4497	13:45	61	52
031/4497	14:00	62	53
031/4497	14:15	63	54
031/4497	14:30	64	55
031/4497	14:45	65	56
031/4497	15:00	66	57
031/4497	15:15	67	58
031/4497	15:30	68	59
031/4497	15:45	69	60
031/4497	16:00	70	61
031/4497	16:15	71	62
031/4497	16:30	72	63
031/4497	16:45	73	64
031/4497	17:00	74	65
031/4497	17:15	75	66
031/4497	17:30	76	67
031/4497	17:45	77	68
031/4497	18:00	78	69
031/4497	18:15	79	70
031/4497	18:30	80	71
031/4497	18:45	81	72
031/4497	19:00	82	73
031/4497	19:15	83	74
031/4497	19:30	84	75
031/4497	19:45	85	76
031/4497	20:00	86	77
031/4497	20:15	87	78
031/4497	20:30	88	79
031/4497	20:45	89	80
031/4497	21:00	90	81
031/4497	21:15	91	82
031/4497	21:30	92	83
031/4497	21:45	93	84
031/4497	22:00	94	85
031/4497	22:15	95	86
031/4497	22:30	96	87
031/4497	22:45	97	88
031/4497	23:00	98	89
031/4497	23:15	99	90
031/4497	23:30	100	91
031/4497	23:45	101	92
031/4497	23:59	102	93
031/4497	00:05	103	94
031/4497	00:10	104	95
031/4497	00:15	105	96
031/4497	00:30	106	97
031/4497	00:45	107	98
031/4497	01:00	108	99
031/4497	01:15	109	100
031/4497	01:30	110	101
031/4497	01:45	111	102
031/4497	02:00	112	103
031/4497	02:15	113	104
031/4497	02:30	114	105
031/4497	02:45	115	106
031/4497	03:00	116	107
031/4497	03:15	117	108
031/4497	03:30	118	109
031/4497	03:45	119	110
031/4497	04:00	120	111
031/4497	04:15	121	112
031/4497	04:30	122	113
031/4497	04:45	123	114
031/4497	05:00	124	115
031/4497	05:15	125	116
031/4497	05:30	126	117
031/4497	05:45	127	118
031/4497	06:00	128	119
031/4497	06:15	129	120
031/4497	06:30	130	121
031/4497	06:45	131	122
031/4497	07:00	132	123
031/4497	07:15	133	124
031/4497	07:30	134	125
031/4497	07:45	135	126
031/4497	08:00	136	127
031/4497	08:15	137	128
031/4497	08:30	138	129
031/4497	08:45	139	130
031/4497	09:00	140	131
031/4497	09:15	141	132
031/4497	09:30	142	133
031/4497	09:45	143	134
031/4497	10:00	144	135
031/4497	10:15	145	136
031/4497	10:30	146	137
031/4497	10:45	147	138
031/4497	11:00	148	139
031/4497	11:15	149	140
031/4497	11:30	150	141
031/4497	11:45	151	142
031/4497	12:00	152	143
031/4497	12:15	153	144
031/4497	12:30	154	145
031/4497	12:45	155	146
031/4497	13:00	156	147
031/4497	13:15	157	148
031/4497	13:30	158	149
031/4497	13:45	159	150
031/4497	14:00	160	151
031/4497	14:15	161	152
031/4497	14:30	162	153
031/4497	14:45	163	154
031/4497	15:00	164	155
031/4497	15:15	165	156
031/4497	15:30	166	157
031/4497	15:45	167	158
031/4497	16:00	168	159
031/4497	16:15	169	160
031/4497	16:30	170	161
031/4497	16:45	171	162
031/4497	17:00	172	163
031/4497	17:15	173	164
031/4497	17:30	174	165
031/4497	17:45	175	166
031/4497	18:00	176	167
031/4497	18:15	177	168
031/4497	18:30	178	169
031/4497	18:45	179	170
031/4497	19:00	180	171
031/4497	19:15	181	172
031/4497	19:30	182	173
031/4497	19:45	183	174
031/4497	20:00	184	175
031/4497	20:15	185	176
031/4497	20:30	186	177
031/4497	20:45	187	178
031/4497	21:00	188	179
031/4497	21:15	189	180
031/4497	21:30	190	181
031/4497	21:45	191	182
031/4497	22:00	192	183
031/4497	22:15	193	184
031/4497	22:30	194	185
031/4497	22:45	195	186
031/4497	23:00	196	187
031/4497	23:15	197	188
031/4497	23:30	198	189
031/4497	23:45	199	190
031/4497	23:59	200	191
031/4497	00:05	201	192
031/4497	00:10	202	193
031/4497	00:15	203	194
031/4497	00:30	204	195
031/4497	00:45	205	196
031/4497	01:00	206	197
031/4497	01:15	207	198
031/4497	01:30	208	199
031/4497	01:45	209	200
031/4497	02:00	210	201
031/4497	02:15	211	202
031/4497	02:30	212	203
031/4497	02:45	213	204
031/4497	03:00	214	205
031/4497	03:15	215	206
031/4497	03:30	216	207
031/4497	03:45	217	208
031/4497	04:00	218	209
031/4497	04:15	219	210
031/4497	04:30	220	211
031/4497	04:45	221	212
031/4497	05:00	222	213
031/4497	05:15	223	214
031/4497	05:30	224	215
031/4497	05:45	225	216
031/4497	06:00	226	217
031/4497	06:15	227	218
031/4497	06:30	228	219
031/4497	06:45	229	220
031/4497	07:00	230	221
031/4497	07:15	231	222
031/4497	07:30	232	223
031/4497	07:45	233	224
031/4497	08:00	234	225
031/4497	08:15	235	226
031/4497	08:30	236	227
031/4497	08:45	237	228
031/4497	09:00	238	229
031/4497	09:15	239	230
031/4497	09:30	240	231
031/4497	09:45	241	232
031/4497	10:00	242	233
031/4497	10:15	243	234
031/4497	10:30	244	235
031/4497	10:45	245	236
031/4497	11:00	246	237
031/4497	11:15	247	238
031/4497	11:30	248	239
031/4497	11:45	249	240
031/4497	12:00	250	241
031/4497	12:15	251	242
031/4497	12:30	252	243
031/4497	12:45	253	244
031/4497	13:00	254	245
031/4497	13:15	255	246
031/4497	13:30	256	247
031/4497	13:45	257	248
031/4497	14:00	258	249
031/4497	14:15	259	250
031/4497	14:30	260	251
031/4497	14:45	261	252
031/4497	15:00	262	253
031/4497	15:15	263	254
031/4497	15:30	264	255
031/4497	15:45	265	256
031/4497	16:00	266	257
031/4497	16:15	267	258
031/4497	16:30	268	259
031/4497	16:45	269	260
031/4497	17:00	270	261
031/4497	17:15	271	262
031/4497	17:30	272	263
031/4497	17:45	273	264
031/4497	18:00	274	265
031/4497	18:15	275	266
031/4497	18:30	276	267
031/4497	18:45	277	268
031/4497	19:00	278	269
031/4497	19:15	279	270
031/4497	19:30	280	271
031/4497	19:45	281	272
031/4497	20:00	282	273
031/4497	20:15	283	274
031/4497	20:30	284	275
031/4497	20:45	285	276
031/4497	21:00	286	277
031/4497	21:15	287	278
031/4497	21:30	288	279
031/4497	21:45	289	280
031/4497	22:00	290	281
031/4497	22:15	291	282
031/4497	22:30	292	283
031/4497	22:45	293	284

M1	3102		3101	
	Wideneck	Lev-SB	Time	Lev-SB
C01/2957	01:50	4	6	
C01/2957	01:55	15	5	
C01/2957	02:11	11	5	
C01/2957	02:15	11	5	
C01/2957	02:20	11	5	
C01/2957	02:25	2	5	
C01/2957	02:45	2	5	
C01/2957	03:00	4	5	
C01/2957	03:15	4	5	
C01/2957	03:30	4	5	
C01/2957	03:45	3	4	
C01/2957	04:00	4	4	
C01/2957	04:15	3	4	
C01/2957	04:30	4	4	
C01/2957	04:45	4	4	
C01/2957	05:00	5	5	
C01/2957	05:15	5	5	
C01/2957	05:30	5	5	
C01/2957	05:45	13	22	
C01/2957	06:00	6	25	
C01/2957	06:15	21	12	
C01/2957	06:30	25	32	
C01/2957	06:45	34	37	
C01/2957	07:00	48	55	
C01/2957	07:15	47	55	
C01/2957	07:30	88	70	
C01/2957	07:45	140	65	
C01/2957	08:00	151	67	
C01/2957	08:15	83	78	
C01/2957	08:30	78	69	
C01/2957	08:45	129	67	
C01/2957	09:00	138	78	
C01/2957	09:15	71	82	
C01/2957	09:30	80	72	
C01/2957	09:45	106	96	
C01/2957	10:00	134	114	
C01/2957	10:15	77	108	
C01/2957	10:30	59	89	
C01/2957	10:45	77	77	
C01/2957	11:00	102	123	
C01/2957	11:15	91	111	
C01/2957	11:30	85	178	
C01/2957	11:45	90	99	
C01/2957	12:00	98	127	
C01/2957	12:15	98	161	
C01/2957	12:30	111	138	
C01/2957	12:45	111	158	
C01/2957	13:00	114	152	
C01/2957	13:15	118	106	
C01/2957	13:30	138	120	
C01/2957	13:45	109	157	
C01/2957	14:00	106	151	
C01/2957	14:15	112	123	
C01/2957	14:30	109	119	
C01/2957	14:45	119	104	
C01/2957	15:00	102	143	
C01/2957	15:15	107	134	
C01/2957	15:30	101	119	
C01/2957	15:45	107	132	
C01/2957	16:00	108	127	
C01/2957	16:15	126	126	
C01/2957	16:30	108	121	
C01/2957	16:45	121	151	
C01/2957	17:00	119	157	
C01/2957	17:15	133	159	
C01/2957	17:30	185	140	
C01/2957	18:00	137	115	
C01/2957	18:15	117	122	
C01/2957	18:30	82	82	
C01/2957	20:20	61	30	
C01/2957	20:45	61	30	
C01/2957	21:00	42	38	
C01/2957	21:15	50	42	
C01/2957	21:30	58	42	
C01/2957	21:45	42	61	
C01/2957	22:00	34	53	
C01/2957	22:15	43	43	
C01/2957	22:30	26	36	
C01/2957	22:45	27	28	
C01/2957	23:00	27	28	
C01/2957	23:15	27	28	
C01/2957	23:30	22	22	
C01/2957	23:45	12	9	
C01/2957	23:50	12	9	
C01/2957	23:55	12	12	
C01/2957	24:00	14	9	
C01/2957	24:15	12	12	

M1	3101		3102		3103		
	Lay	NG	Lay	NG	Lay	NG	
CG1/1987	01/00	11	01/00	11	01/00	11	
CG1/1987	01/00	14	CG1/1987	01/00	02	CG1/1987	01/00
CG1/1987	01/00	14	CG1/1987	01/00	04	CG1/1987	01/00
CG1/1987	02/00	5	CG1/1987	02/00	5	CG1/1987	02/00
CG1/1987	02/15	10	CG1/1987	02/15	1	CG1/1987	02/15
CG1/1987	02/45	4	CG1/1987	02/45	1	CG1/1987	02/45
CG1/1987	05/10	8	CG1/1987	05/10	8	CG1/1987	05/10
CG1/1987	05/15	14	CG1/1987	05/15	14	CG1/1987	05/15
CG1/1987	05/45	15	CG1/1987	05/45	15	CG1/1987	05/45
CG1/1987	06/00	10	CG1/1987	06/00	30	CG1/1987	06/00
CG1/1987	06/10	13	CG1/1987	06/10	21	CG1/1987	06/10
CG1/1987	06/30	27	CG1/1987	06/30	32	CG1/1987	06/30
CG1/1987	06/45	31	CG1/1987	06/45	32	CG1/1987	06/45
CG1/1987	07/00	65	CG1/1987	07/00	59	CG1/1987	07/00
CG1/1987	07/15	50	CG1/1987	07/15	52	CG1/1987	07/15
CG1/1987	07/30	84	CG1/1987	07/30	74	CG1/1987	07/30
CG1/1987	07/45	125	CG1/1987	07/45	60	CG1/1987	07/45
CG1/1987	08/00	157	CG1/1987	08/00	91	CG1/1987	08/00
CG1/1987	08/15	83	CG1/1987	08/15	79	CG1/1987	08/15
CG1/1987	08/30	98	CG1/1987	08/30	95	CG1/1987	08/30
CG1/1987	08/45	100	CG1/1987	08/45	75	CG1/1987	08/45
CG1/1987	09/00	104	CG1/1987	09/00	67	CG1/1987	09/00
CG1/1987	09/15	64	CG1/1987	09/15	60	CG1/1987	09/15
CG1/1987	09/30	74	CG1/1987	09/30	66	CG1/1987	09/30
CG1/1987	09/45	87	CG1/1987	09/45	81	CG1/1987	09/45
CG1/1987	10/00	115	CG1/1987	10/00	104	CG1/1987	10/00
CG1/1987	10/15	68	CG1/1987	10/15	62	CG1/1987	10/15
CG1/1987	10/30	59	CG1/1987	10/30	59	CG1/1987	10/30
CG1/1987	10/45	74	CG1/1987	10/45	61	CG1/1987	10/45
CG1/1987	11/00	71	CG1/1987	11/00	111	CG1/1987	11/00
CG1/1987	11/15	101	CG1/1987	11/15	130	CG1/1987	11/15
CG1/1987	11/30	86	CG1/1987	11/30	108	CG1/1987	11/30
CG1/1987	11/45	100	CG1/1987	11/45	108	CG1/1987	11/45
CG1/1987	12/00	85	CG1/1987	12/00	83	CG1/1987	12/00
CG1/1987	12/15	98	CG1/1987	12/15	98	CG1/1987	12/15
CG1/1987	12/30	125	CG1/1987	12/30	125	CG1/1987	12/30
CG1/1987	12/45	124	CG1/1987	12/45	127	CG1/1987	12/45
CG1/1987	13/00	122	CG1/1987	13/00	122	CG1/1987	13/00
CG1/1987	13/15	131	CG1/1987	13/15	131	CG1/1987	13/15
CG1/1987	13/30	109	CG1/1987	13/30	104	CG1/1987	13/30
CG1/1987	13/45	100	CG1/1987	13/45	100	CG1/1987	13/45
CG1/1987	14/00	83	CG1/1987	14/00	83	CG1/1987	14/00
CG1/1987	14/15	108	CG1/1987	14/15	108	CG1/1987	14/15
CG1/1987	14/30	120	CG1/1987	14/30	112	CG1/1987	14/30
CG1/1987	14/45	123	CG1/1987	14/45	112	CG1/1987	14/45
CG1/1987	15/00	108	CG1/1987	15/00	108	CG1/1987	15/00
CG1/1987	15/15	120	CG1/1987	15/15	121	CG1/1987	15/15
CG1/1987	15/30	105	CG1/1987	15/30	105	CG1/1987	15/30
CG1/1987	15/45	88	CG1/1987	15/45	88	CG1/1987	15/45
CG1/1987	16/00	119	CG1/1987	16/00	113	CG1/1987	16/00
CG1/1987	16/15	123	CG1/1987	16/15	123	CG1/1987	16/15
CG1/1987	16/30	98	CG1/1987	16/30	101	CG1/1987	16/30
CG1/1987	16/45	104	CG1/1987	16/45	107	CG1/1987	16/45
CG1/1987	17/00	100	CG1/1987	17/00	100	CG1/1987	17/00
CG1/1987	17/15	142	CG1/1987	17/15	148	CG1/1987	17/15
CG1/1987	17/30	161	CG1/1987	17/30	161	CG1/1987	17/30
CG1/1987	17/45	143	CG1/1987	17/45	129	CG1/1987	17/45
CG1/1987	18/00	109	CG1/1987	18/00	107	CG1/1987	18/00
CG1/1987	18/15	123	CG1/1987	18/15	109	CG1/1987	18/15
CG1/1987	18/30	70	CG1/1987	18/30	66	CG1/1987	18/30
CG1/1987	18/45	83	CG1/1987	18/45	49	CG1/1987	18/45
CG1/1987	19/00	53	CG1/1987	19/00	53	CG1/1987	19/00
CG1/1987	19/15	84	CG1/1987	19/15	84	CG1/1987	19/15
CG1/1987	19/30	73	CG1/1987	19/30	72	CG1/1987	19/30
CG1/1987	19/45	87	CG1/1987	19/45	87	CG1/1987	19/45
CG1/1987	20/00	83	CG1/1987	20/00	83	CG1/1987	20/00
CG1/1987	20/15	75	CG1/1987	20/15	73	CG1/1987	20/15
CG1/1987	20/30	35	CG1/1987	20/30	35	CG1/1987	20/30
CG1/1987	20/45	43	CG1/1987	20/45	43	CG1/1987	20/45
CG1/1987	21/00	49	CG1/1987	21/00	49	CG1/1987	21/00
CG1/1987	21/15	80	CG1/1987	21/15	80	CG1/1987	21/15
CG1/1987	21/30	62	CG1/1987	21/30	62	CG1/1987	21/30
CG1/1987	21/45	43	CG1/1987	21/45	44	CG1/1987	21/45
CG1/1987	22/00	41	CG1/1987	22/00	42	CG1/1987	22/00
CG1/1987	22/15	28	CG1/1987	22/15	28	CG1/1987	22/15
CG1/1987	22/30	35	CG1/1987	22/30	35	CG1/1987	22/30
CG1/1987	22/45	23	CG1/1987	22/45	23	CG1/1987	22/45
CG1/1987	23/00	17	CG1/1987	23/00	16	CG1/1987	23/00
CG1/1987	23/15	9	CG1/1987	23/15	8	CG1/1987	23/15
CG1/1987	23/30	23	CG1/1987	23/30	23	CG1/1987	23/30
CG1/1987	23/45	14	CG1/1987	23/45	14	CG1/1987	23/45
CG1/1987	24/00	19	CG1/1987	24/00	19	CG1/1987	24/00
CG1/1987	24/15	7	CG1/1987	24/15	7	CG1/1987	24/15
CG1/1987	24/30	5	CG1/1987	24/30	5	CG1/1987	24/30
CG1/1987	24/45	10	CG1/1987	24/45	10	CG1/1987	24/45

Meijer
M2, Hamilton
Urban

Factored **Driveway Traffic**

M2 Time	04/28/97		04/22/97		04/23/97		04/24/97		04/25/97		04/26/97		04/27/97	
	Monday In	Out	Tuesday In	Out	Wednesday In	Out	Thursday In	Out	Friday In	Out	Saturday In	Out	Sunday In	Out
00:00:00	8	10	13	21	10	12	8	13	5	11	10	17	22	32
00:15:00	10	11	7	9	9	10	5	4	9	14	17	17	23	25
00:30:00	8	9	4	6	6	5	7	9	7	9	27	28	14	15
00:45:00	2	6	6	11	6	5	4	7	2	3	10	16	17	20
01:00:00	3	4	1	3	3	1	5	6	4	5	14	16	15	15
01:15:00	3	1	3	4	1	2	0	2	9	13	10	27	5	7
01:30:00	3	2	2	4	5	6	4	4	7	8	14	20	7	10
01:45:00	4	4	3	6	5	5	1	1	2	5	3	4	11	14
02:00:00	4	7	4	6	3	4	4	6	4	3	4	5	7	8
02:15:00	3	4	5	5	4	3	4	4	2	1	8	10	6	8
02:30:00	2	4	3	2	2	4	4	4	7	6	3	2	7	10
02:45:00	3	1	3	3	3	5	8	4	6	6	2	8	6	2
03:00:00	2	0	3	1	4	5	3	2	8	6	5	4	13	13
03:15:00	1	1	2	2	1	1	4	4	14	13	6	7	4	6
03:30:00	4	2	3	1	5	4	7	10	4	5	8	6	3	3
03:45:00	3	3	12	12	4	3	4	3	6	7	11	8	2	4
04:00:00	8	7	9	9	3	4	5	4	2	4	4	8	3	4
04:15:00	3	3	4	5	1	2	6	5	10	11	7	5	1	1
04:30:00	9	7	3	2	6	4	6	6	8	6	6	6	11	12
04:45:00	5	4	4	1	7	6	7	4	6	5	9	10	10	8
05:00:00	10	10	19	12	23	14	16	16	18	16	8	4	7	6
05:15:00	21	12	12	17	16	10	10	7	9	10	12	6	12	
05:30:00	19	20	22	23	19	10	18	14	11	7	9	6	9	4
05:45:00	22	19	33	26	23	20	18	16	33	28	14	9	20	16
06:00:00	41	34	36	24	37	28	34	20	29	20	23	14	16	11
06:15:00	42	29	35	22	35	32	35	26	29	20	19	15	9	10
06:30:00	40	24	31	24	33	26	27	28	36	37	34	29	22	18
06:45:00	40	39	43	40	38	33	39	41	36	30	42	38	21	20
07:00:00	41	38	41	34	37	39	46	40	55	50	48	50	28	21
07:15:00	38	27	34	25	26	24	39	41	42	40	35	21	30	32
07:30:00	34	36	39	35	34	25	29	27	39	33	35	33	26	23
07:45:00	40	31	48	43	31	37	42	37	54	52	54	44	27	24
08:00:00	41	38	40	43	41	31	37	36	39	48	64	59	31	33
08:15:00	45	35	56	51	53	44	54	40	56	51	86	66	24	26
08:30:00	55	46	65	72	58	45	61	53	57	57	68	50	49	45
08:45:00	44	38	54	51	49	49	50	54	74	67	79	67	50	59
09:00:00	80	65	64	50	44	39	55	39	78	64	96	86	56	52
09:15:00	73	73	70	57	57	55	70	74	87	72	101	79	49	38
09:30:00	77	69	97	84	63	59	66	63	91	74	104	105	72	65
09:45:00	71	68	82	80	79	63	72	62	95	76	109	106	72	61
10:00:00	78	67	84	64	78	75	88	86	94	89	124	115	78	68
10:15:00	99	87	81	78	66	58	85	84	102	86	141	131	85	82
10:30:00	94	87	100	85	86	72	61	55	99	85	138	141	86	74
10:45:00	92	71	86	73	82	90	89	81	105	89	141	128	97	87
11:00:00	95	93	77	85	71	77	83	84	119	114	160	155	109	104
11:15:00	108	114	98	81	92	94	86	83	90	91	157	145	118	114
11:30:00	80	90	90	90	83	76	88	89	108	99	147	154	116	122
11:45:00	91	69	72	79	96	90	97	81	96	101	143	152	141	127
12:00:00	103	96	74	85	80	89	113	111	102	111	128	129	146	144
12:15:00	108	98	101	79	84	98	98	108	107	117	168	163	164	145
12:30:00	90	85	81	90	75	80	85	86	109	111	146	138	163	164
12:45:00	99	96	53	72	86	93	85	86	90	87	169	164	148	133
13:00:00	101	96	104	96	76	91	85	78	100	96	138	151	168	157
13:15:00	109	102	78	84	97	95	103	85	106	123	147	149	160	149
13:30:00	97	105	88	83	81	85	74	100	104	116	130	131	146	135
13:45:00	110	115	94	86	86	104	85	93	111	114	128	134	154	164
14:00:00	100	94	88	84	67	65	99	89	119	128	135	144	144	171
14:15:00	105	111	78	78	108	99	100	91	107	110	160	157	125	135
14:30:00	81	90	85	98	95	92	112	106	82	101	154	132	152	154
14:45:00	96	99	91	89	99	84	111	110	90	98	138	149	137	150
15:00:00	119	119	86	92	88	90	94	110	108	109	130	123	161	156
15:15:00	94	113	88	110	97	86	99	96	121	109	135	134	160	164
15:30:00	103	114	104	100	101	96	80	91	139	121	136	145	156	132
15:45:00	120	110	97	95	105	105	96	101	116	122	122	132	149	157
16:00:00	114	109	98	101	104	106	110	105	139	132	123	135	155	153
16:15:00	122	112	104	101	96	91	102	83	100	110	122	116	155	163
16:30:00	111	109	103	88	98	103	109	119	124	119	128	146	121	140
16:45:00	117	114	104	87	111	117	112	104	128	129	136	148	137	136
17:00:00	92	100	115	110	107	99	111	118	121	119	135	131	113	108
17:15:00	135	134	107	98	101	98	123	113	117	127	119	132	82	101
17:30:00	120	127	101	109	95	117	122	124	124	131	134	126	117	117
17:45:00	128	129	110	107	103	100	111	99	134	136	138	123	111	116
18:00:00	99	107	104	115	88	95	110	111	108	102	129	128	105	95
18:15:00	90	99	105	107	100	91	112	110	118	107	104	125	98	95
18:30:00	109	97	98	98	106	102	116	107	128	116	123	131	125	120
18:45:00	99	105	95	93	89	105	120	122	123	121	110	113	106	107
19:00:00	116	114	86	88	100	104	103	110	149	148	148	119	104	103
19:15:00	99	98	99	106	107	108	94	106	96	105	113	120	121	98
19:30:00	80	84	107	105	100	96	97	100	92	113	116	66	92	92
19:45:00	108	115	81	88	75	98	92	98	132	134	128	146	74	97
20:00:00	82	84	98	110	89	92	96	95	112	132	104	111	78	104
20:15:00	87	102	88	103	77	84	106	106	117	121	92	104	83	94
20:30:00	65	78	62	71	78	78	93	112	111	112	112	111	93	99
20:45:00	62	81	55	78	72	86	67	74	89	94	97	105	83	79
21:00:00	61	62	58	50	37	68	61	71	93	95	93	101	59	67
21:15:00	52	61	46	63	43	44	49	71	83	90	78	87	49	65
21:30:00	50	62	38	53	42	65	54	62	79	93	62	71	48	54
21:45:00	37	51	54	44	36	34	55	72	69	94	70	77	36	40
22:00:00	43	52	30	40	38	43	31	46	59	74	58	74	20	26
22:15:00	39	42	44	57	39	48	50	60	77	89	59	62	45</	

M2	Monday	SR#127	42288	
			Time	North
04/28/2007	01:00	13	11	11
04/28/2007	01:15	16	10	10
04/28/2007	01:30	4	13	10
04/28/2007	01:45	10	10	10
04/28/2007	02:00	15	10	10
04/28/2007	02:15	5	8	5
04/28/2007	02:30	5	8	5
04/28/2007	02:45	2	4	2
04/28/2007	03:00	7	6	7
04/28/2007	03:15	9	9	9
04/28/2007	03:30	3	2	3
04/28/2007	03:45	3	2	2
04/28/2007	04:00	10	11	10
04/28/2007	04:15	5	6	5
04/28/2007	04:30	8	14	8
04/28/2007	04:45	4	9	4
04/28/2007	05:00	11	12	9
04/28/2007	05:15	18	15	18
04/28/2007	05:30	22	14	22
04/28/2007	05:45	25	16	25
04/28/2007	06:00	49	24	49
04/28/2007	06:15	60	27	27
04/28/2007	06:30	50	25	25
04/28/2007	06:45	64	40	40
04/28/2007	07:00	110	54	54
04/28/2007	07:15	117	46	46
04/28/2007	07:30	122	64	64
04/28/2007	07:45	131	70	70
04/28/2007	08:00	151	62	62
04/28/2007	08:15	120	67	67
04/28/2007	08:30	123	58	58
04/28/2007	08:45	117	50	50
04/28/2007	09:00	85	50	50
04/28/2007	09:15	80	50	50
04/28/2007	09:30	113	53	53
04/28/2007	09:45	94	110	105
04/28/2007	10:00	105	103	103
04/28/2007	10:15	112	99	99
04/28/2007	10:30	123	97	97
04/28/2007	10:45	111	106	106
04/28/2007	11:00	130	102	102
04/28/2007	11:15	134	108	108
04/28/2007	11:30	124	110	110
04/28/2007	11:45	153	105	105
04/28/2007	12:00	127	132	132
04/28/2007	12:15	131	128	128
04/28/2007	12:30	159	139	139
04/28/2007	12:45	156	136	136
04/28/2007	12:57	151	132	132
04/28/2007	13:00	135	129	129
04/28/2007	13:15	164	139	139
04/28/2007	13:30	153	139	139
04/28/2007	13:45	139	145	145
04/28/2007	13:57	138	157	157
04/28/2007	14:00	169	161	161
04/28/2007	14:15	165	160	160
04/28/2007	14:30	168	139	168
04/28/2007	14:45	152	123	123
04/28/2007	15:00	145	146	145
04/28/2007	15:15	143	151	151
04/28/2007	15:30	125	144	143
04/28/2007	15:45	126	144	150
04/28/2007	16:00	156	167	156
04/28/2007	16:15	165	174	174
04/28/2007	16:30	182	126	126
04/28/2007	16:45	135	167	138
04/28/2007	17:00	190	196	196
04/28/2007	17:15	143	188	188
04/28/2007	17:30	181	207	207
04/28/2007	17:45	150	192	192
04/28/2007	18:00	156	177	177
04/28/2007	18:15	178	174	174
04/28/2007	18:30	193	168	168
04/28/2007	18:45	144	138	138
04/28/2007	19:00	181	131	132
04/28/2007	19:15	132	158	158
04/28/2007	19:30	133	149	144
04/28/2007	19:45	140	144	144
04/28/2007	20:00	169	98	98
04/28/2007	20:15	126	132	132
04/28/2007	20:30	59	62	62
04/28/2007	20:45	117	131	127
04/28/2007	21:00	129	127	127
04/28/2007	21:15	95	52	52
04/28/2007	21:30	98	114	114
04/28/2007	21:45	72	100	100
04/28/2007	22:00	69	84	84
04/28/2007	22:15	94	94	94
04/28/2007	22:30	117	131	131
04/28/2007	22:45	127	57	57
04/28/2007	23:00	43	36	36
04/28/2007	23:15	40	52	52
04/28/2007	23:30	32	49	49
04/28/2007	23:45	24	45	45
04/28/2007	23:57	1	18	18
04/28/2007	00:00	18	35	35
04/28/2007	00:15	12	15	15
04/28/2007	00:30	12	15	15
04/28/2007	00:45	12	15	15

M2		4226	4226	SH 127
Saturday	Sunday	South	North	
01:00	02:00	22	32	
02:02/03/07	01:15	29	37	
02:02/03/07	01:30	27	29	
02:02/03/07	03:15	22	22	
02:02/03/07	03:30	9	11	
02:02/03/07	03:45	13	9	
02:02/03/07	04:00	10	12	
02:02/03/07	04:15	14	12	
02:02/03/07	04:30	6	6	
02:02/03/07	04:45	38	28	
02:02/03/07	05:00	10	7	
02:02/03/07	05:15	11	13	
02:02/03/07	05:30	18	9	
02:02/03/07	05:45	21	14	
02:02/03/07	06:00	17	18	
02:02/03/07	06:15	31	25	
02:02/03/07	06:30	68	58	
02:02/03/07	06:45	67	68	
02:02/03/07	07:00	43	34	
02:02/03/07	07:15	42	36	
02:02/03/07	07:30	46	34	
02:02/03/07	07:45	74	42	
02:02/03/07	08:00	61	45	
02:02/03/07	08:15	58	47	
02:02/03/07	08:30	66	58	
02:02/03/07	08:45	67	58	
02:02/03/07	09:00	63	53	
02:02/03/07	09:15	108	88	
02:02/03/07	09:30	109	88	
02:02/03/07	09:45	113	93	
02:02/03/07	10:00	119	104	
02:02/03/07	10:15	141	122	
02:02/03/07	10:30	157	128	
02:02/03/07	10:45	178	146	
02:02/03/07	11:00	163	146	
02:02/03/07	11:15	174	161	
02:02/03/07	11:30	180	160	
02:02/03/07	11:45	188	170	
02:02/03/07	12:00	190	174	
02:02/03/07	12:15	184	177	
02:02/03/07	12:30	218	174	
02:02/03/07	12:45	178	174	
02:02/03/07	13:00	182	184	
02:02/03/07	13:15	175	176	
02:02/03/07	13:30	184	186	
02:02/03/07	13:45	177	171	
02:02/03/07	14:00	183	175	
02:02/03/07	14:15	174	166	
02:02/03/07	14:30	184	178	
02:02/03/07	14:45	185	175	
02:02/03/07	15:00	180	186	
02:02/03/07	15:15	183	184	
02:02/03/07	15:30	186	188	
02:02/03/07	15:45	170	202	
02:02/03/07	16:00	154	168	
02:02/03/07	16:15	188	184	
02:02/03/07	16:30	157	169	
02:02/03/07	16:45	173	178	
02:02/03/07	17:00	173	172	
02:02/03/07	17:15	171	141	
02:02/03/07	17:30	162	146	
02:02/03/07	17:45	157	152	
02:02/03/07	18:00	154	153	
02:02/03/07	18:15	165	163	
02:02/03/07	18:30	176	175	
02:02/03/07	18:45	174	176	
02:02/03/07	19:00	167	165	
02:02/03/07	19:15	169	167	
02:02/03/07	19:30	178	169	
02:02/03/07	19:45	167	169	
02:02/03/07	20:00	184	182	
02:02/03/07	20:15	176	175	
02:02/03/07	20:30	158	168	
02:02/03/07	20:45	180	184	
02:02/03/07	21:00	147	144	
02:02/03/07	21:15	162	166	
02:02/03/07	21:30	146	167	
02:02/03/07	21:45	132	134	
02:02/03/07	22:00	121	121	
02:02/03/07	22:15	109	115	
02:02/03/07	22:30	78	91	
02:02/03/07	22:45	86	89	
02:02/03/07	23:00	101	98	
02:02/03/07	23:15	97	97	
02:02/03/07	23:30	75	80	
02:02/03/07	23:45	67	99	
02:02/03/07	23:57	60	84	
02:02/03/07	1:	60	84	
02:02/03/07	1:00/14/17	55	54	
02:02/03/07	1:00/20/33	60	70	
02:02/03/07	1:03/12/25	27	29	

M2	Date	Time	4226
04242697	01:15	8	12
04242697	01:15	14	18
04242697	01:45	6	7
04242697	02:00	10	8
04242697	02:15	2	7
04242697	02:30	11	11
04242697	02:45	11	11
04242697	03:00	6	8
04242697	03:15	8	4
04242697	03:30	13	4
04242697	03:45	4	7
04242697	04:00	6	11
04242697	04:15	4	11
04242697	04:30	3	14
04242697	04:45	10	11
04242697	05:15	11	10
04242697	05:30	11	10
04242697	05:45	43	17
04242697	06:00	41	18
04242697	06:15	56	19
04242697	06:30	77	26
04242697	06:45	89	44
04242697	07:00	110	59
04242697	07:15	110	64
04242697	07:30	142	75
04242697	07:45	151	75
04242697	08:00	139	71
04242697	08:15	127	62
04242697	08:30	114	66
04242697	08:45	92	60
04242697	09:00	107	69
04242697	09:15	112	84
04242697	09:30	96	91
04242697	09:45	94	105
04242697	10:00	103	98
04242697	10:15	114	99
04242697	10:30	107	89
04242697	10:45	94	111
04242697	11:00	111	117
04242697	11:15	120	110
04242697	11:30	114	111
04242697	11:45	130	127
04242697	12:00	129	126
04242697	12:15	131	154
04242697	12:30	137	142
04242697	12:45	140	126
04242697	13:00	166	151
04242697	13:15	166	153
04242697	13:30	137	145
04242697	13:45	145	146
04242697	13:50	124	108
04242697	14:15	125	125
04242697	14:30	129	128
04242697	14:45	125	125
04242697	15:00	129	129
04242697	15:15	110	152
04242697	15:30	126	144
04242697	15:45	146	146
04242697	16:00	169	180
04242697	16:15	153	150
04242697	16:30	147	169
04242697	16:45	144	184
04242697	17:00	167	186
04242697	17:15	133	190
04242697	17:30	154	192
04242697	17:45	159	212
04242697	17:50	159	182
04242697	18:00	163	197
04242697	18:15	171	191
04242697	18:30	176	194
04242697	18:45	147	181
04242697	18:50	197	172
04242697	19:00	142	177
04242697	19:15	193	181
04242697	19:30	135	181
04242697	19:45	141	181
04242697	20:00	146	181
04242697	20:15	123	156
04242697	20:30	61	92
04242697	20:45	61	93
04242697	21:00	112	159
04242697	21:15	115	164
04242697	21:30	90	99
04242697	21:45	90	102
04242697	22:00	73	90
04242697	22:15	50	84
04242697	22:30	61	82
04242697	22:45	44	45
04242697	23:00	23:15	38
04242697	23:15	23:30	27
04242697	23:30	23:45	30
04242697	23:45	1	21
04242697	23:50	20	23
04242697	23:55	12	26
04242697	23:58	12	12

Mile	Wadehead	42268	42266
Date	Time		
North	12		
South	11		
5	7	6	
4	7	6	
5	6	6	
4	5	5	
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6	0	100	

Meijer
M3, North Dayton
Urban

Factored Driveway Traffic

M3 Time	03/24/96		03/25/96		03/19/97		03/20/96		03/21/96		03/22/96		03/23/96	
	Mon IN	Mon OUT	Tue IN	Tue OUT	Wed IN	Wed OUT	Thur IN	Thur OUT	Fri IN	Fri OUT	Sat IN	Sat OUT	Sun IN	Sun OUT
01:00	31	25	19	11	25	19	22	15	29	15	40	28	34	22
01:15	19	6	10	14	24	21	11	19	39	22	39	31	37	19
01:30	14	13	9	7	17	11	13	11	15	15	27	23	16	17
01:45	11	16	17	18	11	11	19	5	34	11	30	11	36	22
02:00	6	9	12	6	12	13	8	6	15	13	22	30	10	24
02:15	7	15	19	13	13	5	9	19	14	17	8	19	15	14
02:30	12	9	17	16	4	8	8	6	21	8	17	14	20	8
02:45	17	4	3	10	8	8	11	9	10	12	8	17	18	16
03:00	6	6	13	1	7	8	9	3	14	11	14	12	12	7
03:15	5	9	11	3	5	4	7	9	13	14	14	11	11	2
03:30	6	4	20	3	7	10	20	7	19	8	9	5	13	9
03:45	7	10	8	7	8	10	25	7	20	6	14	8	15	10
04:00	9	9	9	2	12	6	1	5	5	4	13	9	11	11
04:15	12	4	24	4	17	7	9	7	8	7	22	4	9	15
04:30	9	3	8	6	11	3	14	6	10	9	17	6	10	4
04:45	5	8	9	0	4	4	13	3	12	6	3	5	13	9
05:00	8	1	1	5	3	7	1	9	3	2	9	7	8	4
05:15	3	11	13	8	12	6	6	2	10	3	4	15	10	7
05:30	7	7	10	10	9	2	4	7	8	13	6	4	6	8
05:45	13	11	18	15	16	18	19	25	6	20	11	12	7	13
06:00	17	6	20	11	18	7	21	15	29	17	12	10	7	8
06:15	29	21	26	17	18	22	24	20	18	17	18	9	12	18
06:30	25	18	13	14	25	19	12	23	20	19	19	21	16	9
06:45	16	25	21	21	28	10	37	28	34	21	17	21	16	13
07:00	36	21	25	28	32	34	42	32	61	29	39	20	19	17
07:15	40	24	50	37	49	31	45	32	48	41	44	22	29	28
07:30	37	33	34	31	52	47	57	37	50	48	40	32	26	20
07:45	62	64	57	59	63	57	60	41	57	67	39	40	47	25
08:00	52	60	57	44	49	42	68	67	86	52	36	39	32	39
08:15	52	43	56	46	42	48	57	53	55	55	42	53	28	33
08:30	50	41	57	57	55	53	62	52	70	49	48	57	36	44
08:45	58	67	52	58	47	50	62	55	63	88	48	51	34	54
09:00	57	54	52	53	58	61	73	62	63	56	56	56	44	50
09:15	60	42	57	68	54	45	54	83	56	60	60	50	67	36
09:30	63	56	52	56	50	66	85	71	62	81	55	75	71	76
09:45	76	74	69	50	61	84	84	86	72	83	94	81	56	69
10:00	73	85	52	77	95	82	83	66	74	75	71	93	64	85
10:15	55	68	53	71	65	84	70	68	102	71	89	92	61	71
10:30	90	68	72	90	68	90	85	74	94	96	99	93	87	86
10:45	64	84	67	81	81	85	76	94	89	103	88	116	81	105
11:00	78	98	76	73	87	118	70	112	85	106	97	124	107	81
11:15	85	90	78	96	82	91	71	98	99	120	115	109	86	96
11:30	71	104	74	93	101	106	85	102	110	107	118	143	93	121
11:45	89	89	66	128	104	112	73	117	117	102	105	144	80	111
12:00	108	90	82	95	99	117	80	137	96	109	121	132	91	108
12:15	98	120	95	117	85	112	98	110	147	131	139	111	116	157
12:30	109	115	106	115	93	117	93	106	108	132	125	159	103	150
12:45	104	111	125	114	103	113	121	110	123	139	155	104	118	133
13:00	111	141	86	116	116	128	115	112	107	120	132	128	142	142
13:15	97	111	99	117	100	128	98	132	130	111	121	130	143	137
13:30	121	109	119	71	93	115	125	106	138	111	131	170	153	164
13:45	88	109	88	91	71	136	84	137	132	150	129	142	133	181
14:00	97	121	95	106	101	130	115	126	107	125	156	170	147	136
14:15	110	101	95	96	114	91	107	109	123	95	143	151	130	157
14:30	113	101	106	88	112	102	96	128	121	125	129	186	122	144
14:45	136	100	64	106	118	101	113	106	132	112	156	179	122	150
15:00	107	118	93	92	77	131	113	134	128	132	146	170	130	166
15:15	82	104	110	85	91	101	118	124	137	117	161	159	145	170
15:30	111	128	91	118	89	114	119	102	115	98	136	169	141	147
15:45	91	111	88	105	85	116	103	136	120	109	170	158	146	134
16:00	109	129	123	125	120	120	97	135	120	108	140	169	155	173
16:15	121	128	112	117	109	124	95	132	113	120	168	175	155	136
16:30	151	105	117	152	110	151	110	137	115	124	161	182	138	145
16:45	107	146	127	100	102	159	142	131	121	107	142	158	165	158
17:00	116	116	99	129	124	139	137	137	138	125	139	120	136	170
17:15	126	117	102	119	106	143	99	114	134	124	115	162	121	173
17:30	109	165	98	123	110	153	144	157	128	128	114	146	134	143
17:45	120	116	117	131	104	158	137	140	134	120	112	132	139	146
18:00	141	130	123	122	113	133	131	131	113	129	134	134	117	139
18:15	137	145	101	132	107	128	120	136	133	130	149	140	131	117
18:30	119	149	110	118	107	138	143	146	134	140	127	127	144	142
18:45	114	140	124	104	136	132	136	119	103	121	115	115	120	129
19:00	126	141	100	118	98	169	125	151	115	113	114	146	114	150
19:15	107	134	110	91	86	112	127	103	131	128	121	118	121	136
19:30	117	120	91	101	116	108	112	106	121	128	123	122	132	124
19:45	117	127	104	88	94	124	111	116	142	104	111	91	120	141
20:00	109	92	103	80	105	118	130	106	136	116	107	105	126	111
20:15	122	103	68	103	98	130	112	122	136	88	117	130	128	108
20:30	95	114	81	99	87	120	111	118	107	118	111	92	91	115
20:45	91	102	85	75	86	97	90	118	117	91	94	106	116	97
21:00	70	85	80	76	83	94	90	101	111	100	89	95	121	116
21:15	62	122	65	105	76	100	96	89	109	83	85	89	89	99
21:30	60	84	77	75	63	110	88	70	101	87	96	61	76	103
21:45	60	76	46	63	79	69	74	85	68	96	69	74	71	88
22:00	74	83	51	65	75	67	84	97	76	92	61	87	85	67
22:15	85	87	67	64	66	67	90	79	102	80	100	64	57	64
22:30	57	59	57	62	61	58	53	80	84	67	62	71	67	48
22:45	46	62	51	63	52	64	45	75	64	84	58	73	76	40
23:00	45	74	54	52	59	47	59	81	97	55	52	66	44	60
23:15	30	57	47	44	55	44	61	46	76	66	64	50	51	41
23:30	66	38	50	21	37	47	60	35						

Meijer
M4, South Dayton
Urban

Factored Driveway Traffic

M4 Time	03/24/97		03/25/97		03/19/97		03/20/97		03/21/97		03/22/97		03/23/97	
	Monday In	Monday Out	Tuesday In	Tuesday Out	Wednesday In	Wednesday Out	Thursday In	Thursday Out	Friday In	Friday Out	Saturday In	Saturday Out	Sunday In	Sunday Out
00:00:00	24	24	25	35	25	29	21	32	25	51	30	54	30	42
00:15:00	17	27	15	27	10	20	15	15	31	51	30	37	26	27
00:30:00	19	24	11	26	13	11	12	16	20	24	31	36	18	38
00:45:00	10	14	11	13	21	8	10	15	17	28	22	28	22	25
01:00:00	13	17	7	14	7	22	11	15	13	24	17	29	10	25
01:15:00	7	12	11	10	12	14	4	5	13	19	11	19	10	23
01:30:00	5	8	3	10	6	11	4	4	10	15	12	18	13	16
01:45:00	2	7	10	14	10	16	4	14	10	13	12	25	10	19
02:00:00	14	10	6	8	7	9	7	11	15	16	13	15	11	13
02:15:00	4	6	4	10	8	12	6	3	9	11	11	22	7	14
02:30:00	9	8	8	13	6	13	7	8	8	10	10	12	14	19
02:45:00	6	4	1	8	5	9	7	5	14	6	4	11	8	13
03:00:00	9	10	6	8	8	6	6	8	7	17	3	8	9	10
03:15:00	7	6	10	6	6	5	8	5	4	9	4	10	8	7
03:30:00	3	7	7	10	2	8	5	7	8	8	11	3	4	6
03:45:00	9	4	5	5	13	8	20	11	16	6	10	12	22	15
04:00:00	5	1	13	8	16	14	40	12	20	11	26	7	16	10
04:15:00	11	3	17	14	16	10	12	22	13	12	15	22	9	14
04:30:00	9	7	11	15	10	16	17	16	12	17	17	14	10	11
04:45:00	13	13	17	12	23	18	15	17	30	14	17	17	13	
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16:45:00	143	176	156	190	175	129	130	153	157	191	145	142	171	133
17:00:00	148	199	149	198	190	172	133	148	146	145	159	138	171	145
17:15:00	164	162	168	177	164	156	146	136	147	176	124	144	178	166
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21:30:00	76	99	71	78	81	105	84	102	92	124	74	104	90	

ID	Name	Age	Gender	Score		Status
				Math	Science	
S101	John Doe	15	Male	85	90	Accepted
S102	Jane Smith	16	Female	78	82	On Hold
S103	Mike Johnson	14	Male	92	88	Accepted
S104	Amy Lee	15	Female	80	85	On Hold
S105	David Wilson	16	Male	95	92	Accepted
S106	Samantha Green	14	Female	75	78	On Hold
S107	Christopher Black	15	Male	88	91	Accepted
S108	Emily White	16	Female	82	86	On Hold
S109	Matthew Brown	14	Male	90	89	Accepted
S110	Karen Davis	15	Female	79	83	On Hold
S111	Robert Green	16	Male	93	94	Accepted
S112	Laura Wilson	14	Female	81	84	On Hold
S113	James Black	15	Male	86	89	Accepted
S114	Sarah White	16	Female	83	87	On Hold
S115	Matthew Brown	14	Male	91	90	Accepted
S116	Karen Davis	15	Female	80	82	On Hold
S117	Robert Green	16	Male	94	95	Accepted
S118	Laura Wilson	14	Female	84	86	On Hold
S119	James Black	15	Male	87	88	Accepted
S120	Sarah White	16	Female	82	85	On Hold

Section	Line	Text
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Meijer
M5, Maumee
Urban

Factored **Driveway Traffic**

M5 Time	03/31/96		04/01/97		04/02/97		04/03/97		4/4/97		04/05/97		04/06/97			
	Monday	In	Tuesday	In	Out	Wednesday	In	Out	Friday	In	Out	Saturday	In	Out	Sunday	In
01:00	0	0	18	47	12	32	18	33	19	35	43	54	26	42		
01:15	4	12	17	29	16	32	9	26	27	37	28	44	33	41		
01:30	10	19	17	29	19	22	18	30	13	18	13	40	21	48		
01:45	2	8	5	22	13	36	9	18	15	36	18	25	16	42		
02:00	3	4	8	32	0	13	6	13	5	33	15	23	15	22		
02:15	1	10	8	16	7	22	5	14	10	27	4	23	17	29		
02:30	1	10	3	5	6	14	5	9	7	24	6	22	8	23		
02:45	7	5	3	9	6	9	4	13	14	13	8	17	9	25		
03:00	6	6	2	8	6	11	5	11	5	9	12	11	10	21		
03:15	3	5	3	11	0	9	4	4	10	22	4	13	8	28		
03:30	3	8	0	5	7	18	4	14	3	15	7	15	6	15		
03:45	3	6	2	9	1	5	11	6	2	14	9	9	7	6		
04:00	7	6	6	9	5	8	4	7	8	13	2	12	4	14		
04:15	5	5	2	6	5	12	1	6	10	10	4	10	6	7		
04:30	9	5	5	4	2	10	3	3	7	27	8	11	4	4		
04:45	10	5	4	5	9	3	2	12	6	15	1	13	9	8		
05:00	8	6	1	10	8	7	0	3	9	33	20	7	15	6		
05:15	5	5	3	3	8	3	0	9	7	28	7	16	3	5		
05:30	9	10	4	8	6	9	11	8	14	22	20	14	17	4		
05:45	18	14	6	5	16	8	4	7	10	14	5	16	9	17		
06:00	24	11	7	2	5	9	10	6	15	16	20	12	14	14		
06:15	27	9	3	7	11	12	13	12	12	16	18	27	10	11		
06:30	15	27	11	15	13	10	24	5	17	10	23	15	13	20		
06:45	30	15	18	14	25	8	30	12	35	15	25	27	35	18		
07:00	23	20	17	5	21	14	22	29	29	22	33	16	24	26		
07:15	26	30	19	15	22	13	27	16	31	19	33	30	21	16		
07:30	37	33	22	23	46	18	26	34	39	33	26	31	26	18		
07:45	42	31	30	28	49	22	36	29	43	31	57	38	34	24		
08:00	29	40	34	24	39	38	50	33	45	26	55	37	45	24		
08:15	50	31	39	30	48	29	36	26	47	50	57	44	39	38		
08:30	42	45	59	41	44	51	44	36	53	53	61	44	28	36		
08:45	49	36	55	44	49	32	70	52	58	70	36	43	45			
09:00	60	45	49	41	49	52	43	49	52	51	51	57	44	54		
09:15	71	54	44	32	36	47	67	46	53	44	74	63	55	40		
09:30	84	45	25	36	76	34	39	38	56	51	81	55	59	49		
09:45	89	51	53	40	56	46	45	47	60	52	93	71	86	68		
10:00	79	76	72	44	60	64	67	55	67	48	103	66	91	47		
10:15	88	103	81	66	65	64	92	48	107	67	115	81	105	73		
10:30	96	68	67	60	91	65	75	61	82	83	119	76	121	90		
10:45	103	102	99	62	72	74	82	76	93	68	84	80	99	92		
11:00	98	88	95	69	91	83	75	68	121	91	124	99	94	94		
11:15	109	84	106	65	100	89	98	87	133	105	121	114	114	98		
11:30	120	87	102	83	94	67	97	84	121	98	164	104	121	98		
11:45	111	95	124	98	101	109	102	75	105	95	175	113	138	112		
12:00	157	110	113	110	97	90	96	93	117	99	179	131	170	119		
12:15	118	115	105	99	99	114	90	114	100	121	154	161	148	130		
12:30	117	122	111	110	100	93	114	100	112	111	156	144	146	123		
12:45	156	104	115	87	95	96	140	87	126	112	184	167	148	118		
13:00	108	126	125	106	127	79	163	104	139	96	161	130	165	131		
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13:45	116	113	99	114	117	105	115	125	126	113	174	168	138	116		
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14:30	121	144	89	95	89	109	107	101	116	110	156	160	169	163		
14:45	128	136	98	98	96	105	132	123	106	119	172	149	178	151		
15:00	140	123	101	94	141	86	106	118	113	103	166	165	160	166		
15:15	136	117	129	110	116	103	115	122	153	109	175	165	200	160		
15:30	134	113	112	100	96	112	118	124	121	133	187	178	170	179		
15:45	126	127	96	109	93	104	142	106	114	121	181	175	173	150		
16:00	135	136	108	95	98	94	106	131	101	125	202	151	172	146		
16:15			108	118	110	92	113	116	123	119	187	149	146	147		
16:30			88	111	91	118	104	135	113	115	188	189	173	179		
16:45			128	108	90	111	118	107	125	126	164	164	161	161		
17:00			99	91	90	88	97	112	121	104	172	183	148	162		
17:15			100	108	80	94	114	101	105	129	154	194	149	150		
17:30	146	135	102	106	97	93	105	122	98	123	151	160	133	147		
17:45	121	144	104	128	109	113	94	102	153	115	161	168	151	137		
18:00	128	124	110	95	119	114	126	90	118	111	147	159	202	156		
18:15	113	119	99	111	110	114	104	99	126	162	143	168	157			
18:30	133	111	93	120	111	87	110	119	118	104	128	136	162	144		
18:45	134	118	126	96	110	108	119	135	106	118	147	127	163	175		
19:00	125	125	114	121	101	96	108	114	137	125	122	147	130	175		
19:15	118	120	126	117	102	95	121	123	114	103	136	134	159	172		
19:30	133	109	123	120	86	88	115	97	138	122	121	144	120	144		
19:45	125	108	106	115	119	109	107	100	115	104	154	144	122	112		
20:00	126	127	118	91	102	97	99	110	131	137	144	137	113	143		
20:15	107	132	95	105	121	108	112	107	140	108	111	137	124	132		
20:30	88	108	111	119	102	116	96	122	127	110	106	115	104	140		
20:45	101	134	96	94	95	108	102	116	126	113	126	130	70	124		
21:00	85	108	80	123	90	93	99	95	93	117	101	110	82	96		
21:15	74	85	79	123	92	90	80	85	115	121	93	115	61	89		
21:30	73	84	95	91	74	90	87	103	92	118	136	116	72	78		
21:45	71	73	84	91	79	88	78	98	122	120	96	133	47	87		
22:00	66	87	81	76	75	106	105	101	120	120	88	103				

Meijer
M6, Lima
Small/Rural

Factored Driveway Traffic

M6 Time	04/14/97		04/08/97		04/09/97		04/10/97		04/11/97		04/12/97		04/13/97	
	Monday IN	Monday OUT	Tuesday IN	Tuesday OUT	Wednesday IN	Wednesday OUT	Thursday IN	Thursday OUT	Friday IN	Friday OUT	Saturday IN	Saturday OUT	Sunday IN	Sunday OUT
00:00:00	8	19	6	16	15	25	10	19	17	20	16	42	18	31
00:15:00	7	10	10	16	5	14	10	15	12	17	22	28	23	26
00:30:00	16	6	8	7	3	6	7	8	16	20	14	20	19	26
00:45:00	8	15	12	10	5	9	6	7	15	16	5	15	9	16
01:00:00	3	8	10	8	5	5	6	5	4	8	16	15	8	17
01:15:00	3	5	4	3	7	6	6	15	6	11	5	15	14	12
01:30:00	3	7	2	4	2	1	5	6	10	9	9	11	8	9
01:45:00	0	1	3	2	5	6	3	4	4	16	7	19	5	15
02:00:00	1	3	2	4	5	4	2	3	7	2	10	8	3	9
02:15:00	3	4	3	3	2	4	3	3	8	9	9	8	5	9
02:30:00	4	5	2	1	7	5	7	7	5	4	2	12	9	6
02:45:00	5	1	3	2	3	6	5	2	2	2	5	8	5	3
03:00:00	2	4	4	3	5	0	6	2	3	4	7	4	4	4
03:15:00	4	0	4	2	1	3	7	4	4	2	8	4	3	6
03:30:00	4	3	5	5	4	3	5	2	2	1	3	4	6	2
03:45:00	4	2	2	5	8	3	3	3	3	6	0	7	2	0
04:00:00	8	3	2	2	1	1	7	2	6	4	3	4	1	2
04:15:00	3	6	5	1	7	2	7	7	8	5	7	4	2	1
04:30:00	10	2	2	2	10	7	2	4	8	1	10	0	9	7
04:45:00	8	4	4	4	2	1	6	4	6	4	9	6	1	4
05:00:00	4	4	5	1	3	4	9	4	10	1	5	5	7	2
05:15:00	11	3	9	5	9	4	14	3	13	10	14	9	7	3
05:30:00	17	5	19	3	17	6	22	5	22	9	10	5	10	3
05:45:00	19	11	22	10	19	4	10	7	16	11	11	7	13	9
06:00:00	16	9	26	18	15	9	11	10	16	11	16	7	8	3
06:15:00	19	8	21	20	18	25	24	15	19	23	28	11	6	12
06:30:00	21	28	32	14	18	25	40	30	25	20	21	16	13	5
06:45:00	22	30	40	20	23	16	29	18	26	19	23	19	26	11
07:00:00	28	23	37	19	23	22	31	25	24	28	40	23	23	23
07:15:00	29	19	27	23	27	17	29	26	34	34	25	26	21	17
07:30:00	32	26	32	27	44	28	36	25	26	22	42	31	30	28
07:45:00	37	28	45	37	52	32	44	34	56	27	52	34	41	21
08:00:00	33	24	35	26	35	17	48	31	56	46	50	44	42	26
08:15:00	47	34	37	29	42	25	39	33	35	34	54	37	35	30
08:30:00	48	43	57	52	49	40	53	37	45	35	53	37	36	45
08:45:00	46	36	48	40	63	44	48	35	57	44	63	46	46	37
09:00:00	66	43	46	51	59	46	58	36	54	34	62	56	59	43
09:15:00	71	54	88	52	58	53	67	47	62	50	77	65	51	40
09:30:00	73	63	72	42	76	74	66	44	71	61	77	71	70	43
09:45:00	68	64	88	68	71	44	77	62	78	71	70	68	67	53
10:00:00	75	56	80	76	88	76	64	64	81	55	71	68	80	72
10:15:00	101	61	77	71	84	54	75	63	78	61	88	73	76	58
10:30:00	81	68	86	93	97	84	72	49	95	76	114	92	82	64
10:45:00	79	73	79	93	90	93	90	91	101	96	130	91	81	80
11:00:00	95	68	95	82	93	97	72	81	113	91	132	98	84	72
11:15:00	86	80	80	74	94	83	83	74	108	81	113	102	112	93
11:30:00	89	83	104	106	108	80	90	89	90	111	109	124	87	75
11:45:00	89	97	101	68	97	115	90	87	95	91	137	128	94	100
12:00:00	100	114	90	89	118	82	94	80	116	104	119	131	118	118
12:15:00	86	95	93	94	87	103	124	98	118	112	145	145	151	117
12:30:00	90	90	91	88	93	100	98	91	81	120	117	157	127	126
12:45:00	97	87	97	98	100	113	104	99	149	105	141	119	153	152
13:00:00	123	99	74	88	110	94	108	114	114	113	161	144	143	114
13:15:00	111	88	83	98	94	103	119	130	128	87	147	121	134	151
13:30:00	112	126	76	89	97	111	101	117	114	136	151	175	165	153
13:45:00	97	111	87	81	97	104	98	85	121	130	168	153	162	158
14:00:00	95	91	89	74	113	125	87	82	120	118	157	173	150	131
14:15:00	83	103	88	87	91	89	89	88	122	118	172	157	144	165
14:30:00	86	91	91	90	105	89	98	112	107	129	144	174	146	170
14:45:00	97	102	100	80	104	109	106	113	122	103	172	173	167	135
15:00:00	97	93	76	102	109	120	103	104	110	114	153	169	169	169
15:15:00	108	106	94	96	85	104	118	104	116	124	173	170	156	152
15:30:00	83	111	95	90	91	100	110	132	119	115	164	163	154	161
15:45:00	109	102	108	108	120	104	116	117	110	90	166	152	138	185
16:00:00	112	103	91	106	122	96	93	108	116	128	141	171	171	147
16:15:00	92	113	95	118	123	105	120	96	117	108	143	143	162	144
16:30:00	106	110	97	107	114	126	101	112	112	113	145	151	132	152
16:45:00	105	125	90	113	121	129	98	124	114	106	170	162	117	134
17:00:00	100	90	93	116	108	110	118	86	131	121	134	154	152	146
17:15:00	113	96	116	119	120	101	116	134	131	119	137	135	124	154
17:30:00	88	110	88	107	101	112	121	115	131	114	131	148	126	126
17:45:00	101	85	110	92	93	103	103	123	129	134	130	149	140	134
18:00:00	102	85	109	97	118	94	106	89	139	143	139	154	131	122
18:15:00	86	85	99	91	111	99	98	111	119	108	157	169	96	116
18:30:00	89	100	99	102	93	106	92	100	141	130	133	122	110	116
18:45:00	82	95	84	103	119	109	80	97	134	125	129	133	87	116
19:00:00	97	69	66	106	98	111	90	84	128	120	116	132	79	105
19:15:00	89	97	86	85	96	112	92	79	113	115	151	149	99	104
19:30:00	91	110	99	89	96	136	86	84	143	126	140	149	93	95
19:45:00	80	94	95	96	71	99	76	116	158	161	93	125	95	92
20:00:00	83	95	91	99	84	94	90	95	130	133	131	144	88	99
20:15:00	74	75	64	89	89	105	74	76	121	128	142	119	92	88
20:30:00	69	78	74	90	76	79	75	76	125	132	132	128	74	95
20:45:00	69	76	63	60	92	83	82	88	170	115	114	150	49	79
21:00:00	57	76	81	65	87	94	84	77	142	119	142	107	52	69
21:15:00	49	66	36	61	52	73	47	80	103	134	101	101	55	78
21:30:00	40	45	44	62	55	72	56	66	93	139	104	117	52	54
21:45:00	37	36	49	49	36	49	46	56	68	103	52	89	47	42
22:00:00	35	40	44	52	28	51	40	54	59	111	63	97	39	44
22:15:00	36	42	24	52	37	35	52	52	52	90	41	76	35	45
22:30:00	19	46	26	35	34	29</								

Me	Watches	SB20		SB20		Date	Time
		WB	EB	WB	EB		
07718667	0115	21	13	20	26		
07718667	0130	20	16	21	25		
07718667	0145	20	16	21	25		
07718667	0200	20	16	21	25		
07718667	0215	20	16	21	25		
07718667	0230	20	16	21	25		
07718667	0245	20	16	21	25		
07718667	0300	20	16	21	25		
07718667	0315	20	16	21	25		
07718667	0330	20	16	21	25		
07718667	0345	20	16	21	25		
07718667	0360	20	16	21	25		
07718667	0375	20	16	21	25		
07718667	0390	20	16	21	25		
07718667	0405	20	16	21	25		
07718667	0420	11	22	23	15		
07718667	0435	12	22	23	15		
07718667	0450	13	22	23	15		
07718667	0505	14	22	23	15		
07718667	0520	15	22	23	15		
07718667	0535	16	22	23	15		
07718667	0550	17	22	23	15		
07718667	0605	18	22	23	15		
07718667	0620	19	22	23	15		
07718667	0635	20	22	23	15		
07718667	0650	21	22	23	15		
07718667	0705	22	22	23	15		
07718667	0720	23	22	23	15		
07718667	0735	24	22	23	15		
07718667	0750	25	22	23	15		
07718667	0805	26	22	23	15		
07718667	0820	27	22	23	15		
07718667	0835	28	22	23	15		
07718667	0850	29	22	23	15		
07718667	0905	30	22	23	15		
07718667	0920	31	22	23	15		
07718667	0935	32	22	23	15		
07718667	0950	33	22	23	15		
07718667	1005	34	22	23	15		
07718667	1020	35	22	23	15		
07718667	1035	36	22	23	15		
07718667	1050	37	22	23	15		
07718667	1105	38	22	23	15		
07718667	1120	39	22	23	15		
07718667	1135	40	22	23	15		
07718667	1150	41	22	23	15		
07718667	1165	42	22	23	15		
07718667	1180	43	22	23	15		
07718667	1195	44	22	23	15		
07718667	1210	45	22	23	15		
07718667	1225	46	22	23	15		
07718667	1240	47	22	23	15		
07718667	1255	48	22	23	15		
07718667	1310	49	22	23	15		
07718667	1325	50	22	23	15		
07718667	1340	51	22	23	15		
07718667	1355	52	22	23	15		
07718667	1410	53	22	23	15		
07718667	1425	54	22	23	15		
07718667	1440	55	22	23	15		
07718667	1455	56	22	23	15		
07718667	1510	57	22	23	15		
07718667	1525	58	22	23	15		
07718667	1540	59	22	23	15		
07718667	1555	60	22	23	15		
07718667	1610	61	22	23	15		
07718667	1625	62	22	23	15		
07718667	1640	63	22	23	15		
07718667	1655	64	22	23	15		
07718667	1710	65	22	23	15		
07718667	1725	66	22	23	15		
07718667	1740	67	22	23	15		
07718667	1755	68	22	23	15		
07718667	1810	69	22	23	15		
07718667	1825	70	22	23	15		
07718667	1840	71	22	23	15		
07718667	1855	72	22	23	15		
07718667	1910	73	22	23	15		
07718667	1925	74	22	23	15		
07718667	1940	75	22	23	15		
07718667	1955	76	22	23	15		
07718667	2010	77	22	23	15		
07718667	2025	78	22	23	15		
07718667	2040	79	22	23	15		
07718667	2055	80	22	23	15		
07718667	2110	81	22	23	15		
07718667	2125	82	22	23	15		
07718667	2140	83	22	23	15		
07718667	2155	84	22	23	15		
07718667	2170	85	22	23	15		
07718667	2185	86	22	23	15		
07718667	2200	87	22	23	15		
07718667	2215	88	22	23	15		
07718667	2230	89	22	23	15		
07718667	2245	90	22	23	15		
07718667	2260	91	22	23	15		
07718667	2275	92	22	23	15		
07718667	2290	93	22	23	15		
07718667	2305	94	22	23	15		
07718667	2320	95	22	23	15		
07718667	2335	96	22	23	15		
07718667	2350	97	22	23	15		
07718667	2365	98	22	23	15		
07718667	2380	99	22	23	15		
07718667	2395	100	22	23	15		
07718667	2410	101	22	23	15		
07718667	2425	102	22	23	15		
07718667	2440	103	22	23	15		
07718667	2455	104	22	23	15		
07718667	2510	105	22	23	15		
07718667	2525	106	22	23	15		
07718667	2540	107	22	23	15		
07718667	2555	108	22	23	15		
07718667	2570	109	22	23	15		
07718667	2585	110	22	23	15		
07718667	2600	111	22	23	15		
07718667	2615	112	22	23	15		
07718667	2630	113	22	23	15		
07718667	2645	114	22	23	15		
07718667	2660	115	22	23	15		
07718667	2675	116	22	23	15		
07718667	2690	117	22	23	15		
07718667	2705	118	22	23	15		
07718667	2720	119	22	23	15		
07718667	2735	120	22	23	15		
07718667	2750	121	22	23	15		
07718667	2765	122	22	23	15		
07718667	2780	123	22	23	15		
07718667	2795	124	22	23	15		
07718667	2810	125	22	23	15		
07718667	2825	126	22	23	15		
07718667	2840	127	22	23	15		
07718667	2855	128	22	23	15		
07718667	2870	129	22	23	15		
07718667	2885	130	22	23	15		
07718667	2900	131	22	23	15		
07718667	2915	132	22	23	15		
07718667	2930	133	22	23	15		
07718667	2945	134	22	23	15		
07718667	2960	135	22	23	15		
07718667	2975	136	22	23	15		
07718667	2990	137	22	23	15		
07718667	3005	138	22	23	15		
07718667	3020	139	22	23	15		
07718667	3035	140	22	23	15		
07718667	3050	141	22	23	15		
07718667	3065	142	22	23	15		
07718667	3080	143	22	23	15		
07718667	3095	144	22	23	15		
07718667	3110	145	22	23	15		
07718667	3125	146	22	23	15		
07718667	3140	147	22	23	15		
07718667	3155	148	22	23	15		
07718667	3170	149	22	23	15		
07718667	3185	150	22	23	15		
07718667	3200	151	22	23	15		
07718667	3215	152	22	23	15		
07718667	3230	153	22	23	15		
07718667	3245	154	22	23	15		
07718667	3260	155	22	23	15		
07718667	3275	156	22	23	15		
07718667	3290	157	22	23	15		
07718667	3305	158	22	23	15		
07718667	3320	159	22	23	15		
07718667	3335	160	22	23	15		
07718667	3350	161	22	23	15		
07718667	3365	162	22	23	15		
07718667	3380	163	22	23	15		
07718667	3395	164	22	23	15		
07718667	3410	165	22	23	15		
07718667	3425	166	22	23	15		
07718667	3440	167	22	23	15		
07718667	3455	168	22	23	15		
07718667	3470	169	22	23	15		
07718667	3485	170	22	23	15		
07718667	3500	171	22	23	15		
07718667	3515	172	22	23	15		
07718667	3530	173	22	23	15		
07718667	3545	174	22	23	15		
07718667	3560	175	22	23	15		
07718667	3575	176	22	23	15		
07718667	3590	177	22	23	15		
07718667	3605	178	22	23	15		
07718667	3620	179	22	23	15		
07718667	3635	180	22	23	15		
07718667	3650	181	22	23	15		
07718667	3665	182	22	23	15		
07718667	3680	183	22	23	15		
07718667	3695	184	22	23	15		
07718667	3710	185	22	23	15		
07718667	3725						

S	B	Time	WB	EB
80	99	09:07	01:00	23
81	99	09:07	01:15	12
82	99	09:07	01:30	23
83	99	09:07	01:45	13
84	99	09:07	01:59	11
85	99	09:07	02:05	8
86	99	09:07	02:20	9
87	99	09:07	02:35	12
88	99	09:07	02:50	12
89	99	09:07	03:05	12
90	99	09:07	03:20	12
91	99	09:07	03:35	9
92	99	09:07	03:50	16
93	99	09:07	04:05	12
94	99	09:07	04:20	3
95	99	09:07	04:35	15
96	99	09:07	04:50	12
97	99	09:07	04:55	10
98	99	09:07	05:00	12
99	99	09:07	05:15	13
100	99	09:07	05:30	14
101	99	09:07	05:45	31
102	99	09:07	06:00	53
103	99	09:07	06:15	22
104	99	09:07	06:30	73
105	99	09:07	06:45	61
106	99	09:07	06:55	142
107	99	09:07	07:00	59
108	99	09:07	07:15	52
109	99	09:07	07:30	72
110	99	09:07	07:45	78
111	99	09:07	07:55	126
112	99	09:07	08:00	102
113	99	09:07	08:15	91
114	99	09:07	08:30	94
115	99	09:07	08:45	104
116	99	09:07	08:55	149
117	99	09:07	09:00	125
118	99	09:07	09:15	114
119	99	09:07	09:30	110
120	99	09:07	09:45	120
121	99	09:07	09:55	192
122	99	09:07	10:00	113
123	99	09:07	10:15	133
124	99	09:07	10:30	161
125	99	09:07	10:45	148
126	99	09:07	10:55	127
127	99	09:07	11:00	161
128	99	09:07	11:15	160
129	99	09:07	11:30	177
130	99	09:07	11:45	171
131	99	09:07	11:55	197
132	99	09:07	12:00	198
133	99	09:07	12:15	218
134	99	09:07	12:30	216
135	99	09:07	12:45	220
136	99	09:07	13:00	243
137	99	09:07	13:15	288
138	99	09:07	13:30	222
139	99	09:07	13:45	213
140	99	09:07	13:55	240
141	99	09:07	14:00	235
142	99	09:07	14:15	214
143	99	09:07	14:30	236
144	99	09:07	14:45	194
145	99	09:07	14:55	195
146	99	09:07	15:00	197
147	99	09:07	15:15	185
148	99	09:07	15:30	232
149	99	09:07	15:45	223
150	99	09:07	16:00	231
151	99	09:07	16:15	247
152	99	09:07	16:30	220
153	99	09:07	16:45	251
154	99	09:07	16:55	199
155	99	09:07	17:00	250
156	99	09:07	17:15	198
157	99	09:07	17:30	283
158	99	09:07	17:45	243
159	99	09:07	17:55	217
160	99	09:07	18:00	204
161	99	09:07	18:15	200
162	99	09:07	18:30	225
163	99	09:07	18:45	187
164	99	09:07	18:55	222
165	99	09:07	19:00	183
166	99	09:07	19:15	189
167	99	09:07	19:30	183
168	99	09:07	19:45	151
169	99	09:07	19:55	158
170	99	09:07	20:00	143
171	99	09:07	20:15	185
172	99	09:07	20:30	158
173	99	09:07	20:45	151
174	99	09:07	21:00	105
175	99	09:07	21:15	101
176	99	09:07	21:30	135
177	99	09:07	21:45	195
178	99	09:07	21:55	117
179	99	09:07	22:00	84
180	99	09:07	22:15	93
181	99	09:07	22:30	76
182	99	09:07	22:45	61
183	99	09:07	22:55	68
184	99	09:07	23:10	62
185	99	09:07	23:25	38
186	99	09:07	23:40	69
187	99	09:07	23:55	31
188	99	09:07	24:00	69
189	99	09:07	24:15	31
190	99	09:07	24:30	28
191	99	09:07	24:45	101
192	99	09:07	24:55	30
193	99	09:07	25:00	21

Meijer
M7, Columbus
Urban

Factored **Driveway Traffic**

M7 Time	Monday 03/03/97		Tuesday 03/04/97		Wednesday 03/05/97		Thursday 03/06/97		Friday 03/07/97		Saturday 03/08/97		Sunday 03/09/97	
	In	Out	In	Out	In	Out	In	Out	In	Out	In	Out	In	Out
0:00	7	11	12	9	12	16	8	14	14	10	12	29	25	27
01:15	9	11	11	11	1	13	6	8	9	19	20	22	16	26
01:30	7	7	9	4	11	8	10	8	8	10	12	30	12	16
01:45	3	9	5	6	9	12	4	12	7	11	12	7	10	20
02:00	6	6	4	10	2	12	5	3	2	5	5	7	2	15
02:15	6	10	5	9	6	8	2	6	5	0	5	8	6	10
02:30	2	5	1	6	10	19	4	6	2	8	4	2	4	5
02:45	2	3	4	3	4	8	2	2	2	0	4	6	7	4
03:00	0	4	2	6	3	6	5	8	1	4	7	9	5	5
03:15	6	1	3	1	4	7	3	0	4	1	9	4	4	16
03:30	3	6	5	1	7	5	2	2	3	2	5	4	9	7
03:45	6	5	4	6	0	4	2	6	3	2	2	9	5	12
04:00	1	3	3	4	0	5	1	3	4	4	7	1	4	14
04:15	5	10	3	8	6	6	1	1	1	4	3	2	5	0
04:30	2	0	2	3	1	7	2	0	2	2	0	4	3	5
04:45	5	2	3	1	7	2	6	0	5	4	4	0	4	4
05:00	3	3	2	1	3	7	0	1	1	1	2	4	2	3
05:15	5	1	3	2	1	3	0	1	2	3	3	1	5	1
05:30	3	2	3	1	2	7	3	2	5	4	4	5	4	4
05:45	11	10	8	4	12	6	13	12	10	5	9	0	3	2
06:00	10	8	10	9	5	13	11	7	7	5	11	7	7	4
06:15	18	8	15	6	13	10	12	10	12	3	13	8	9	0
06:30	18	18	25	11	18	11	16	14	20	18	11	6	9	3
06:45	19	24	14	18	30	16	16	12	21	21	17	9	12	8
07:00	16	10	22	21	17	15	24	12	20	13	11	8	11	10
07:15	29	32	29	34	24	47	13	36	28	29	18	8	17	9
07:30	30	37	37	35	36	39	32	24	33	35	34	23	14	14
07:45	36	47	45	43	47	58	44	46	35	49	36	12	29	13
08:00	31	44	42	46	39	55	46	43	27	60	28	29	26	12
08:15	48	28	43	32	44	47	42	58	34	55	36	24	26	20
08:30	40	40	55	37	51	52	54	61	40	55	39	33	25	31
08:45	47	45	53	34	57	59	54	37	58	43	57	34	35	16
09:00	58	53	58	35	57	42	52	60	63	57	44	29	28	23
09:15	44	38	36	42	48	46	49	43	43	39	58	41	47	27
09:30	39	39	50	36	46	75	47	39	40	53	66	48	38	27
09:45	56	38	53	30	50	49	60	46	69	47	79	46	79	31
10:00	49	56	60	27	60	49	71	54	58	58	93	68	58	43
10:15	46	32	58	31	61	45	51	47	73	40	82	69	83	44
10:30	62	35	52	40	63	43	65	39	70	59	96	76	74	58
10:45	58	50	90	45	76	64	57	40	90	58	98	63	81	59
11:00	69	36	69	63	43	82	63	50	73	55	110	75	80	62
11:15	59	49	81	39	60	74	70	72	63	67	119	74	88	61
11:30	74	53	68	56	77	66	61	50	82	76	134	104	94	93
11:45	72	58	83	49	59	68	65	67	76	84	121	87	108	67
12:00	57	50	70	45	74	69	69	82	72	60	106	80	116	65
12:15	84	62	85	44	59	71	67	61	74	84	109	99	114	81
12:30	75	54	78	69	72	74	65	61	72	72	124	113	101	97
12:45	88	65	77	64	75	91	68	65	89	79	133	112	129	89
13:00	82	70	72	60	89	88	97	78	84	75	105	116	100	115
13:15	84	75	90	70	64	98	104	98	98	83	101	100	101	110
13:30	84	57	86	63	84	90	64	85	77	79	127	91	136	96
13:45	61	70	86	70	81	104	80	115	93	78	131	110	141	103
14:00	83	72	59	78	89	100	86	78	112	93	127	112	145	103
14:15	83	84	79	76	87	69	67	70	80	95	117	115	125	105
14:30	88	81	75	71	96	83	86	61	75	97	120	126	147	109
14:45	90	90	78	81	84	98	65	75	87	98	129	101	125	121
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15:15	72	67	84	74	60	104	84	68	94	104	121	100	126	124
15:30	88	89	86	72	59	101	93	73	95	126	134	114	120	125
15:45	72	75	63	90	94	84	88	97	77	99	107	130	144	156
16:00	83	90	73	81	64	113	83	106	89	83	123	121	118	156
16:15	94	79	72	78	77	89	67	84	112	97	135	127	94	96
16:30	104	93	79	92	80	113	94	89	88	112	137	119	112	171
16:45	91	104	85	76	73	80	108	95	95	98	127	123	124	105
17:00	101	83	88	81	74	109	71	87	95	106	111	146	107	128
17:15	91	98	89	107	84	124	94	119	91	117	114	144	119	133
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18:00	108	95	92	93	81	90	88	102	104	95	107	93	104	119
18:15	93	102	109	89	84	78	69	107	88	93	119	110	115	111
18:30	95	109	87	106	99	88	109	75	103	95	83	102	128	111
18:45	101	122	93	85	80	95	110	80	105	101	114	90	145	121
19:00	99	98	119	97	100	95	116	97	116	108	107	110	133	109
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19:30	81	76	96	91	77	115	97	103	97	113	115	108	97	90
19:45	71	72	93	78	80	93	118	106	102	89	106	82	105	95
20:00	84	75	103	89	67	82	90	83	103	82	80	107	107	106
20:15	70	50	81	91	62	68	106	69	84	92	99	106	94	87
20:30	76	87	73	93	73	87	74	74	85	73	89	101	53	103
20:45	86	101	81	70	57	82	66	90	78	94	79	78	70	105
21:00	89	79	69	105	74	49	74	80	88	97	60	85	60	54
21:15	74	96	62	73	50	45	55	71	93	80	62	81	57	81
21:30	61	64	66	64	55	75	70	87	91	68	83	73	57	54
21:45	60	60	60	59	53	70	53	69	68	88	47	52	66	62
22:00	52	44	54	61	54	54	76	64	68	74	59	64	60	48
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22:30	49	48	30	62	32	47	42	59	54	65	50	57	39	53
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23:45	25	39	17	21	18	19	20	31	26	29	26	27	24	20
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225	49	225	0.1550	0.0150	225
226	49	226	0.1550	0.0150	226
227	49	227	0.1550	0.0150	227
228	49	228	0.1550	0.0150	228
229	49	229	0.1550	0.0150	229
230	49	230	0.1550	0.0150	230
231	49	231	0.1550	0.0150	231
232	49	232	0.1550	0.0150	232
233	49	233	0.1550	0.0150	233
234	49	234	0.1550	0.0150	234
235	49	235	0.1550	0.0150	235
236	49	236	0.1550	0.0150	236
237	49	237	0.1550	0.0150	237
238	49	238	0.1550	0.0150	238
239	49	239	0.1550	0.0150	239
240	49	240	0.1550	0.0150	240
241	49	241	0.1550	0.0150	241

Meijer
M8, Oregon
Urban

Factored **Driveway Traffic**

M8 Time	Monday 03/31/97		Tuesday 04/01/97		Wednesday 04/02/97		Thursday 04/03/97		Friday 04/04/97		Saturday 04/05/97		Sunday 04/06/97	
	In	Out	In	Out	In	Out	In	Out	In	Out	In	Out	In	Out
00:00:00	11	16	15	25	21	30	17	20	18	31	32	41	23	35
00:15:00	1	3	10	18	13	19	21	15	10	23	24	39	17	34
00:30:00	5	7	4	10	13	20	14	16	19	17	22	29	17	13
00:45:00	4	3	16	21	15	16	12	11	13	14	17	27	23	25
01:00:00	6	8	5	9	6	15	5	15	10	12	8	23	12	18
01:15:00	2	3	2	5	10	4	9	8	8	13	15	28	6	17
01:30:00	0	5	7	12	5	9	4	10	5	12	12	12	14	11
01:45:00	4	9	2	3	7	10	15	9	10	9	4	9	12	14
02:00:00	3	4	3	3	5	5	5	6	5	8	15	9	16	19
02:15:00	0	1	7	2	7	5	10	17	7	10	9	11	9	5
02:30:00	0	0	8	3	2	5	8	8	4	6	16	8	6	12
02:45:00	10	2	4	3	5	5	7	9	6	3	5	6	11	7
03:00:00	4	4	2	12	6	10	8	5	11	9	5	9	4	8
03:15:00	1	1	2	5	8	3	3	8	5	8	3	6	11	8
03:30:00	15	7	.3	6	3	7	3	5	2	7	4	8	5	8
03:45:00	15	5	8	8	0	1	6	7	12	6	7	4	6	8
04:00:00	14	12	4	1	6	6	5	4	2	2	7	3	7	6
04:15:00	21	17	5	0	10	4	6	1	13	9	1	7	6	9
04:30:00	14	6	5	10	12	2	14	7	10	8	4	6	13	7
04:45:00	24	13	9	8	12	9	8	8	16	4	7	11	20	6
05:00:00	21	9	13	1	13	9	28	9	17	12	14	12	19	17
05:15:00	21	22	12	6	8	2	16	18	15	14	24	12	27	15
05:30:00	34	35	16	6	27	8	20	18	29	12	20	9	13	11
05:45:00	45	29	26	18	29	15	32	18	39	18	33	13	16	21
06:00:00	45	49	26	14	35	22	17	19	27	26	22	19	29	16
06:15:00	29	30	29	26	25	35	28	13	23	19	27	19	30	23
06:30:00	37	29	36	27	39	24	37	35	36	27	42	20	28	20
06:45:00	49	36	55	27	70	33	38	53	46	27	26	31	41	18
07:00:00	51	42	46	44	70	48	47	30	37	40	50	39	38	39
07:15:00	59	28	38	47	59	30	55	39	48	53	50	41	49	25
07:30:00	50	41	45	35	45	50	57	49	51	44	57	48	38	42
07:45:00	49	43	53	33	46	43	51	44	64	51	67	32	52	44
08:00:00	76	41	39	48	50	55	42	44	65	44	38	48	41	39
08:15:00	61	49	56	25	56	41	60	38	43	48	69	47	65	40
08:30:00	67	64	62	52	65	41	47	47	73	52	72	49	67	58
08:45:00	90	46	52	42	66	65	75	39	80	59	90	51	84	79
09:00:00	90	79	55	48	70	46	76	65	75	76	88	71	73	85
09:15:00	72	70	70	55	72	64	82	59	90	60	82	72	100	76
09:30:00	99	86	82	51	58	84	72	58	94	84	92	96	99	69
09:45:00	87	91	73	57	69	73	76	85	72	74	93	99	101	94
10:00:00	92	80	83	68	101	82	93	77	116	97	84	101	96	96
10:15:00	84	72	82	93	76	81	93	82	95	116	102	91	126	90
10:30:00	67	70	90	64	90	88	86	83	91	85	123	97	126	130
10:45:00	76	84	70	83	84	80	93	100	100	104	125	79	131	111
11:00:00	102	80	92	93	99	85	105	90	109	96	109	105	114	125
11:15:00	100	98	102	87	91	70	99	70	96	96	128	121	123	85
11:30:00	114	104	72	83	76	96	114	100	104	108	137	121	135	126
11:45:00	119	96	81	76	77	79	109	92	121	89	154	138	125	122
12:00:00	100	99	82	83	81	67	99	98	102	107	146	109	145	137
12:15:00	113	104	112	94	107	86	105	114	122	103	110	144	128	162
12:30:00	116	106	105	106	92	89	104	111	125	95	126	131	138	158
12:45:00	98	125	120	98	100	121	99	128	104	110	137	154	138	148
13:00:00	82	87	96	89	68	82	107	78	127	123	146	123	143	141
13:15:00	80	96	92	97	85	89	114	103	103	118	128	149	133	121
13:30:00	116	95	94	94	95	77	108	98	109	108	165	160	130	150
13:45:00	111	114	85	106	83	112	103	124	122	105	152	144	180	126
14:00:00	110	103	121	113	95	115	108	114	108	124	126	131	117	153
14:15:00	97	111	114	102	113	95	113	123	108	124	143	113	143	118
14:30:00	105	100	101	115	95	97	94	106	125	112	120	125	133	137
14:45:00	89	93	102	103	97	92	82	130	112	134	117	166	137	141
15:00:00	102	119	88	82	97	111	111	113	111	118	116	139	108	124
15:15:00	104	110	113	120	74	102	129	104	117	131	139	144	119	137
15:30:00	105	104	96	118	92	100	92	121	85	129	126	137	99	137
15:45:00	90	92	134	108	88	107	95	124	107	98	145	139	126	125
16:00:00	134	96	111	117	90	109	108	110	98	109	117	127	111	127
16:15:00	90	110	95	102	101	92	113	116	111	113	123	129	117	106
16:30:00	100	112	99	122	96	114	104	111	132	113	124	138	114	123
16:45:00	105	93	119	114	102	91	105	107	106	104	163	125	120	104
17:00:00	93	112	98	113	108	130	107	91	86	110	124	148	137	130
17:15:00	127	106	84	95	103	79	111	117	103	90	123	113	131	115
17:30:00	123	136	86	111	89	95	101	85	110	98	135	110	117	128
17:45:00	114	102	87	110	107	83	100	133	124	128	109	149	133	112
18:00:00	127	103	101	94	85	96	107	129	98	99	103	112	123	124
18:15:00	119	118	103	113	107	110	121	112	108	104	103	132	112	137
18:30:00	100	118	82	79	91	90	125	98	101	100	117	125	104	127
18:45:00	90	115	91	95	98	102	107	101	108	127	94	114	96	101
19:00:00	124	106	119	114	92	91	95	96	120	97	125	101	87	134
19:15:00	104	117	87	105	88	94	93	116	107	104	86	117	104	101
19:30:00	91	98	104	92	87	114	84	94	75	110	102	97	84	103
19:45:00	86	110	95	106	79	104	96	124	115	122	89	85	69	98
20:00:00	67	90	76	88	91	87	71	88	90	92	74	105	65	73
20:15:00	78	79	80	82	78	85	65	76	83	74	87	87	69	62
20:30:00	81	87	60	83	63	64	69	68	86	92	57	82	57	94
20:45:00	84	75	75	77	57	74	58	77	58	91	68	72	55	63
21:00:00	61	69	78	72	70	64	69	78	70	82	92	85	45	58
21:15:00	58	78	73	74	76	61	81	54	69	92	84	72	27	48
21:30:00	43	57	55	44	58	58	59	75	77	72	64	81	31	46
21:45:00	48	65	50	61	56	58	56	57	73	61	58	66	31	23
22:00:00	37	43	29	49	57	71	46	69	48	46	67	31	39	
22:15:00	49	60	45	34	35	38</								

Category	ID	Name	Age	Gender	Score		Status
					Math	Science	
Student	S101	John Doe	15	Male	85	90	Accepted
Student	S102	Jane Smith	16	Female	78	82	Accepted
Student	S103	Mike Johnson	14	Male	92	88	Accepted
Student	S104	Amy Williams	15	Female	89	91	Accepted
Student	S105	David Lee	16	Male	90	87	Accepted
Student	S106	Emily Davis	14	Female	86	89	Accepted
Student	S107	Samuel Wilson	15	Male	93	90	Accepted
Student	S108	Olivia Green	16	Female	88	92	Accepted
Student	S109	William Brown	14	Male	91	86	Accepted
Student	S110	Charlotte White	15	Female	87	93	Accepted
Student	S111	Matthew Black	16	Male	94	89	Accepted
Student	S112	Isabella Grey	14	Female	85	91	Accepted
Student	S113	Christopher White	15	Male	92	88	Accepted
Student	S114	Elizabeth Blue	16	Female	89	90	Accepted
Student	S115	Matthew Green	14	Male	90	87	Accepted
Student	S116	Isabella Black	15	Female	86	92	Accepted
Student	S117	Christopher Blue	16	Male	93	89	Accepted
Student	S118	Elizabeth White	14	Female	88	91	Accepted
Student	S119	Matthew Grey	15	Male	91	86	Accepted
Student	S120	Isabella Green	16	Female	87	93	Accepted
Student	S121	Christopher Black	14	Male	92	88	Accepted
Student	S122	Elizabeth Blue	15	Female	89	90	Accepted
Student	S123	Matthew White	16	Male	94	89	Accepted
Student	S124	Isabella Grey	14	Female	85	91	Accepted
Student	S125	Christopher Green	15	Male	90	87	Accepted
Student	S126	Elizabeth Black	16	Female	86	92	Accepted
Student	S127	Matthew Blue	14	Male	93	89	Accepted
Student	S128	Isabella White	15	Female	88	91	Accepted
Student	S129	Christopher Grey	16	Male	91	86	Accepted
Student	S130	Elizabeth Green	14	Female	87	93	Accepted
Student	S131	Matthew Black	15	Male	92	88	Accepted
Student	S132	Isabella Blue	16	Female	89	90	Accepted
Student	S133	Christopher White	14	Male	93	87	Accepted
Student	S134	Elizabeth Grey	15	Female	86	92	Accepted
Student	S135	Matthew Green	16	Male	90	89	Accepted
Student	S136	Isabella Black	14	Female	85	91	Accepted
Student	S137	Christopher Blue	15	Male	91	88	Accepted
Student	S138	Elizabeth White	16	Female	88	90	Accepted
Student	S139	Matthew Grey	14	Male	92	86	Accepted
Student	S140	Isabella Green	15	Female	87	93	Accepted
Student	S141	Christopher Black	16	Male	93	89	Accepted
Student	S142	Elizabeth Blue	14	Female	85	91	Accepted
Student	S143	Matthew White	15	Male	90	87	Accepted
Student	S144	Isabella Grey	16	Female	86	92	Accepted
Student	S145	Christopher Green	14	Male	91	88	Accepted
Student	S146	Elizabeth Black	15	Female	87	93	Accepted
Student	S147	Matthew Blue	16	Male	92	89	Accepted
Student	S148	Isabella White	14	Female	88	90	Accepted
Student	S149	Christopher Grey	15	Male	93	86	Accepted
Student	S150	Elizabeth Green	16	Female	85	91	Accepted
Student	S151	Matthew Black	14	Male	90	87	Accepted
Student	S152	Isabella Blue	15	Female	86	92	Accepted
Student	S153	Christopher White	16	Male	91	88	Accepted
Student	S154	Elizabeth Grey	14	Female	88	90	Accepted
Student	S155	Matthew Green	15	Male	92	86	Accepted
Student	S156	Isabella Black	16	Female	87	93	Accepted
Student	S157	Christopher Blue	14	Male	93	89	Accepted
Student	S158	Elizabeth White	15	Female	85	91	Accepted
Student	S159	Matthew Grey	16	Male	89	92	Accepted
Student	S160	Isabella Green	14	Female	90	87	Accepted
Student	S161	Christopher Black	15	Male	86	93	Accepted
Student	S162	Elizabeth Blue	16	Female	88	89	Accepted
Student	S163	Matthew White	14	Male	91	85	Accepted
Student	S164	Isabella Grey	15	Female	87	92	Accepted
Student	S165	Christopher Green	16	Male	89	90	Accepted
Student	S166	Elizabeth Black	14	Female	92	86	Accepted
Student	S167	Matthew Blue	15	Male	85	93	Accepted
Student	S168	Isabella White	16	Female	90	88	Accepted
Student	S169	Christopher Grey	14	Male	87	91	Accepted
Student	S170	Elizabeth Green	15	Female	91	85	Accepted
Student	S171	Matthew Black	16	Male	86	92	Accepted
Student	S172	Isabella Blue	14	Female	93	89	Accepted
Student	S173	Christopher White	15	Male	88	87	Accepted
Student	S174	Elizabeth Grey	16	Female	85	91	Accepted
Student	S175	Matthew Green	14	Male	90	86	Accepted
Student	S176	Isabella Black	15	Female	87	93	Accepted
Student	S177	Christopher Blue	16	Male	89	88	Accepted
Student	S178	Elizabeth White	14	Female	92	85	Accepted
Student	S179	Matthew Grey	15	Male	86	93	Accepted
Student	S180	Isabella Green	16	Female	87	89	Accepted
Student	S181	Christopher Black	14	Male	91	86	Accepted
Student	S182	Elizabeth Blue	15	Female	88	92	Accepted
Student	S183	Matthew White	16	Male	85	90	Accepted
Student	S184	Isabella Grey	14	Female	93	87	Accepted
Student	S185	Christopher Green	15	Male	86	91	Accepted
Student	S186	Elizabeth Black	16	Female	87	89	Accepted
Student	S187	Matthew Blue	14	Male	90	85	Accepted
Student	S188	Isabella White	15	Female	88	92	Accepted
Student	S189	Christopher Grey	16	Male	85	91	Accepted
Student	S190	Elizabeth Green	14	Female	91	86	Accepted
Student	S191	Matthew Black	15	Male	86	93	Accepted
Student	S192	Isabella Blue	16	Female	87	89	Accepted
Student	S193	Christopher White	14	Male	92	85	Accepted
Student	S194	Elizabeth Grey	15	Female	88	90	Accepted
Student	S195	Matthew Green	16	Male	85	91	Accepted
Student	S196	Isabella Black	14	Female	93	87	Accepted
Student	S197	Christopher Blue	15	Male	86	92	Accepted
Student	S198	Elizabeth White	16	Female	87	89	Accepted
Student	S199	Matthew Grey	14	Male	91	86	Accepted
Student	S200	Isabella Green	15	Female	88	93	Accepted
Student	S201	Christopher Black	16	Male	85	89	Accepted
Student	S202	Elizabeth Blue	14	Female	92	87	Accepted
Student	S203	Matthew White	15	Male	86	91	Accepted
Student	S204	Isabella Grey	16	Female	87	88	Accepted
Student	S205	Christopher Green	14	Male	91	85	Accepted
Student	S206	Elizabeth Black	15	Female	88	93	Accepted
Student	S207	Matthew Blue	16	Male	85	89	Accepted
Student	S208	Isabella White	14	Female	93	86	Accepted
Student	S209	Christopher Grey	15	Male	86	92	Accepted
Student	S210	Elizabeth Green	16	Female	87	88	Accepted
Student	S211	Matthew Black	14	Male	91	85	Accepted
Student	S212	Isabella Blue	15	Female	88	93	Accepted
Student	S213	Christopher White	16	Male	85	89	Accepted
Student	S214	Elizabeth Grey	14	Female	92	87	Accepted
Student	S215	Matthew Green	15	Male	86	91	Accepted
Student	S216	Isabella Black	16	Female	87	88	Accepted
Student	S217	Christopher Blue	14	Male	91	85	Accepted
Student	S218	Elizabeth White	15	Female	88	93	Accepted
Student	S219	Matthew Grey	16	Male	85	89	Accepted
Student	S220	Isabella Green	14	Female	93	86	Accepted
Student	S221	Christopher Black	15	Male	86	92	Accepted
Student	S222	Elizabeth Blue	16	Female	87	88	Accepted
Student	S223	Matthew White	14	Male	91	85	Accepted
Student	S224	Isabella Grey	15	Female	88	93	Accepted
Student	S225	Christopher Green	16	Male	85	89	Accepted
Student	S226	Elizabeth Black	14	Female	92	87	Accepted
Student	S227	Matthew Blue	15	Male	86	91	Accepted
Student	S228	Isabella White	16	Female	87	88	Accepted
Student	S229	Christopher Grey	14	Male	91	85	Accepted
Student	S230	Elizabeth Green	15	Female	88	93	Accepted
Student	S231	Matthew Black	16	Male	85	89	Accepted
Student	S232	Isabella Blue	14	Female	92	87	Accepted
Student	S233	Christopher White	15	Male	86	91	Accepted
Student	S234	Elizabeth Grey	16	Female	87	88	Accepted
Student	S235	Matthew Green	14	Male	91	85	Accepted
Student	S236	Isabella Black	15	Female	88	93	Accepted
Student	S237	Christopher Blue	16	Male	85	89	Accepted
Student	S238	Elizabeth White	14	Female	92	87	Accepted
Student	S239	Matthew Grey	15	Male	86	91	Accepted
Student	S240	Isabella Green	16	Female	87	88	Accepted
Student	S241	Christopher Black	14	Male	91	85	Accepted
Student	S242	Elizabeth Blue	15	Female	88	93	Accepted
Student	S243	Matthew White	16	Male	85	89	Accepted
Student	S244	Isabella Grey	14	Female	92	87	Accepted
Student	S245	Christopher Green	15	Male	86	91	Accepted
Student	S246	Elizabeth Black	16	Female	87	88	Accepted
Student	S247	Matthew Blue	14	Male	91	85	Accepted
Student	S248	Isabella White	15	Female	88	93	Accepted
Student	S249	Christopher Grey	16	Male	85	89	Accepted
Student	S250	Elizabeth Green	14	Female	92	87	Accepted
Student	S251	Matthew Black	15	Male	86	91	Accepted
Student	S252	Isabella Blue	16	Female	87	88	Accepted
Student	S253	Christopher White	14	Male	91	85	Accepted
Student	S254	Elizabeth Grey	15	Female	88	93	Accepted
Student	S255	Matthew Green	16	Male	85	89	Accepted
Student	S256	Isabella Black	14	Female	92	87	Accepted
Student	S257	Christopher Blue	15	Male	86	91	Accepted
Student	S258	Elizabeth White	16	Female	87	88	Accepted
Student	S259	Matthew Grey	14	Male	91	85	Accepted
Student	S260	Isabella Green	15	Female	88	93	Accepted
Student	S261	Christopher Black	16	Male	85	89	Accepted
Student	S262	Elizabeth Blue	14	Female	92	87	Accepted
Student	S263	Matthew White	15	Male	86	91	Accepted
Student	S264	Isabella Grey	16	Female	87	88	Accepted
Student	S265	Christopher Green	14	Male	91	85	Accepted
Student	S266	Elizabeth Black	15	Female	88	93	Accepted
Student	S267	Matthew Blue	16	Male	85	89	Accepted
Student	S268	Isabella White	14	Female	92	87	Accepted
Student	S269	Christopher Grey	15	Male	86	91	Accepted
Student	S270	Elizabeth Green	16	Female	87	88	Accepted
Student	S271	Matthew Black	14	Male	91	85	Accepted
Student	S272	Isabella Blue	15	Female	88	93	Accepted
Student	S273	Christopher White	16	Male	85	89	Accepted
Student	S274	Elizabeth Grey	14	Female	92	87	Accepted
Student	S275	Matthew Green	15	Male	86	91	Accepted
Student	S276	Isabella Black	16	Female	87	88	Accepted
Student	S277	Christopher Blue	14	Male	91	85	Accepted
Student	S278	Elizabeth White	15	Female	88	93	Accepted
Student	S279	Matthew Grey	16	Male	85	89	Accepted
Student	S280	Isabella Green	14	Female	92	87	Accepted
Student	S281	Christopher Black	15	Male	86	91	Accepted
Student	S282	Elizabeth Blue	16	Female	87	88	Accepted
Student	S283	Matthew White	14	Male	91	85	Accepted
Student	S284	Isabella Grey	15	Female	88	93	Accepted
Student	S285	Christopher Green	16	Male	85	89	Accepted
Student	S286	Elizabeth Black	14	Female	92	87	Accepted
Student	S287	Matthew Blue	15	Male	86	91	Accepted
Student	S288	Isabella White	16	Female	87	88	Accepted
Student	S289	Christopher Grey	14	Male	91	85	Accepted
Student	S290	Elizabeth Green	15	Female	88	93	Accepted
Student	S291	Matthew Black	16	Male	85	89	Accepted
Student	S292	Isabella Blue	14	Female	92	87	Accepted
Student	S293	Christopher White	15	Male	86	91	Accepted
Student	S294	Elizabeth Grey	16	Female	87	88	Accepted
Student	S295	Matthew Green	14	Male	91	85	Accepted
Student	S296	Isabella Black	15	Female	88	93	Accepted
Student	S297	Christopher Blue	16	Male	85	89	Accepted
Student	S298	Elizabeth White	14	Female	92	87	Accepted
Student	S299	Matthew Grey	15	Male	86	91	Accepted
Student	S300	Isabella Green	16	Female	87	88	Accepted
Student	S301	Christopher Black	14	Male	91	85	Accepted
Student	S302	Elizabeth Blue	15	Female	88	93	Accepted
Student	S303	Matthew White	16	Male	85	89	Accepted
Student	S304	Isabella Grey	14	Female	92	87	Accepted
Student	S						

Meijer
M9, Springfield
Urban

Factored **Driveway Traffic**

M9 Time	04/28/97		04/22/97		04/23/97		04/24/97		04/25/97		04/26/97		04/27/97	
	Monday In	Out	Tuesday In	Out	Wednesday In	Out	Thursday In	Out	Friday In	Out	Saturday In	Out	Sunday In	Out
00:00:00	15	30	16	17	16	24	30	18	29	23	38	33	30	46
00:15:00	9	23	11	22	18	13	15	19	16	22	21	22	27	51
00:30:00	5	18	16	21	5	29	11	13	40	27	27	36	22	36
00:45:00	7	18	5	13	12	16	10	11	15	19	23	23	21	23
01:00:00	7	7	19	12	10	7	11	13	24	16	26	38	15	43
01:15:00	7	18	2	17	6	13	11	11	17	23	27	20	28	22
01:30:00	4	7	5	16	5	2	15	13	9	20	5	21	18	18
01:45:00	9	3	4	10	4	8	5	21	10	20	12	18	15	13
02:00:00	5	11	12	9	9	7	4	4	6	16	8	12	5	16
02:15:00	2	11	4	1	9	2	7	7	5	4	7	11	11	14
02:30:00	5	0	4	2	4	10	15	4	11	12	9	13	11	8
02:45:00	7	4	7	0	2	1	10	11	15	13	5	4	8	13
03:00:00	2	1	9	7	2	6	4	2	7	12	5	11	9	10
03:15:00	4	2	5	7	2	1	9	10	6	11	3	6	3	11
03:30:00	16	2	17	16	7	2	10	3	5	7	5	10	7	8
03:45:00	10	2	11	9	11	3	9	10	12	2	9	2	8	4
04:00:00	4	11	15	1	4	8	7	4	11	6	7	2	6	3
04:15:00	7	9	12	7	2	2	10	3	5	7	2	7	5	7
04:30:00	5	9	11	4	14	0	4	4	10	4	6	3	5	2
04:45:00	16	4	11	9	10	3	15	3	11	2	30	1	8	10
05:00:00	15	2	15	3	8	10	9	2	9	8	7	12	2	7
05:15:00	15	10	19	2	23	6	16	3	24	11	16	9	12	0
05:30:00	22	7	27	27	16	7	14	13	19	9	23	13	18	9
05:45:00	19	7	20	6	22	22	15	7	23	11	25	4	15	3
06:00:00	18	20	18	20	23	10	13	24	23	12	11	10	7	14
06:15:00	17	10	25	26	22	26	33	19	24	18	21	18	10	7
06:30:00	33	21	21	26	44	27	24	26	35	34	38	24	46	9
06:45:00	44	22	66	27	49	18	36	29	39	28	42	16	37	16
07:00:00	45	11	41	31	58	37	47	27	44	27	44	28	27	22
07:15:00	33	51	25	27	49	52	49	24	41	26	40	38	40	20
07:30:00	31	34	39	38	33	30	40	49	53	44	68	31	37	24
07:45:00	58	36	65	29	76	48	50	32	77	47	79	62	51	37
08:00:00	45	37	66	22	51	41	57	38	74	44	76	59	51	29
08:15:00	59	31	67	51	79	58	52	51	54	52	58	67	64	31
08:30:00	76	40	64	60	66	77	52	49	86	43	94	70	62	46
08:45:00	80	41	76	38	83	80	94	60	78	84	95	75	58	50
09:00:00	75	67	90	65	80	77	84	56	82	77	98	74	79	83
09:15:00	96	77	96	58	77	61	99	64	93	81	124	98	73	56
09:30:00	95	71	98	78	103	73	116	97	128	91	125	112	68	74
09:45:00	99	75	100	93	95	93	109	70	109	78	114	120	114	69
10:00:00	98	83	86	109	95	91	98	87	134	98	117	97	76	87
10:15:00	104	102	94	101	117	91	114	108	107	95	157	127	103	88
10:30:00	126	74	115	89	117	99	93	92	133	104	142	118	144	99
10:45:00	109	85	84	105	111	99	106	95	126	125	152	120	96	111
11:00:00	115	133	115	128	112	132	119	105	115	137	153	127	103	97
11:15:00	117	119	102	95	115	90	101	120	108	87	123	154	122	104
11:30:00	133	90	97	109	98	105	104	100	133	120	142	144	129	123
11:45:00	137	120	100	97	116	103	109	111	124	108	140	123	152	130
12:00:00	117	98	115	87	113	125	113	115	120	137	154	121	136	141
12:15:00	106	125	113	118	104	120	115	94	120	130	165	104	146	135
12:30:00	147	124	101	120	96	105	113	117	144	134	138	128	153	132
12:45:00	126	152	112	113	104	92	92	138	134	117	136	140	141	142
13:00:00	126	125	100	91	131	120	104	129	119	137	151	161	175	148
13:15:00	117	118	118	119	120	122	144	99	110	127	147	153	165	148
13:30:00	146	133	97	130	109	112	93	98	127	117	156	130	153	157
13:45:00	126	131	88	103	132	115	98	130	140	153	151	125	181	164
14:00:00	116	125	94	105	92	119	111	95	128	150	158	125	159	147
14:15:00	121	137	98	102	112	120	125	92	116	142	138	163	162	145
14:30:00	113	122	121	118	112	125	86	118	137	124	144	131	175	163
14:45:00	118	125	82	115	119	122	109	120	138	108	140	155	144	153
15:00:00	113	110	87	84	126	118	125	111	136	131	145	158	184	149
15:15:00	132	120	106	97	107	105	118	130	127	142	155	154	151	151
15:30:00	137	157	106	92	136	134	146	94	107	141	133	162	178	147
15:45:00	102	135	115	112	133	115	136	140	137	135	133	120	170	133
16:00:00	116	145	116	100	139	115	146	185	129	138	142	135	156	157
16:15:00	122	133	119	129	115	129	130	147	111	122	156	137	170	142
16:30:00	120	133	106	141	126	127	101	115	113	153	150	132	157	160
16:45:00	137	132	125	113	121	121	127	129	141	121	127	143	155	180
17:00:00	125	130	103	118	107	115	114	124	133	119	137	137	162	182
17:15:00	143	128	111	128	124	124	137	145	118	131	134	134	127	159
17:30:00	138	127	115	120	101	120	116	101	122	142	138	168	171	130
17:45:00	137	134	95	78	117	101	135	140	137	135	147	147	143	165
18:00:00	109	154	105	120	91	111	128	121	137	101	132	162	137	145
18:15:00	108	115	125	109	97	109	103	107	123	129	140	125	132	138
18:30:00	134	141	129	118	124	123	120	139	134	110	137	135	117	141
18:45:00	142	144	110	122	104	118	112	129	136	113	134	133	148	131
19:00:00	118	128	120	104	114	95	106	85	133	155	128	114	126	135
19:15:00	96	131	111	118	97	103	91	115	123	124	112	148	109	157
19:30:00	108	122	102	118	121	112	91	109	136	115	132	138	124	142
19:45:00	99	114	96	108	87	93	101	99	107	125	106	119	115	135
20:00:00	116	105	81	104	102	113	86	122	118	133	132	125	115	113
20:15:00	97	118	75	101	91	132	77	107	138	140	121	134	104	120
20:30:00	106	133	87	80	76	98	92	101	126	115	125	119	86	127
20:45:00	99	108	78	82	85	95	90	108	132	132	132	139	104	110
21:00:00	97	93	80	121	89	81	104	91	129	135	128	140	80	109
21:15:00	89	101	106	95	67	92	67	88	109	119	82	101	68	80
21:30:00	87	102	66	91	75	83	78	90	96	95	96	110	56	75
21:45:00	51	84	46	65	49	75	66	75</td						

Factored Driveway Traffic

M10 Time	03/10/97		03/11/97		03/12/97		03/13/97		03/14/97		03/15/97		03/16/97	
	MONDAY In	Out	TUESDAY In	Out	WEDNESDAY In	Out	THURSDAY In	Out	FRIDAY In	Out	SATURDAY In	Out	SUNDAY In	Out
00:00:00	7	9	10	14	8	9	7	6	11	20	20	22	18	33
00:15:00	5	9	5	13	10	17	13	15	14	9	20	35	14	25
00:30:00	5	14	8	5	7	11	7	16	4	20	12	23	9	24
00:45:00	5	8	8	6	10	11	3	12	11	15	9	23	4	16
01:00:00	3	15	6	13	4	4	7	9	17	18	8	19	8	4
01:15:00	4	6	6	14	0	8	2	14	7	11	8	15	9	14
01:30:00	2	4	1	13	0	1	4	6	4	14	8	15	2	8
01:45:00	5	7	2	8	4	5	2	18	2	8	5	9	11	4
02:00:00	3	0	2	3	2	2	1	2	7	2	1	5	4	4
02:15:00	0	4	4	2	1	2	1	2	3	7	3	9	5	11
02:30:00	1	2	6	9	3	5	3	2	2	2	5	11	4	6
02:45:00	3	4	2	6	6	2	6	9	3	4	0	7	4	1
03:00:00	0	1	2	4	2	4	1	3	3	5	5	1	6	6
03:15:00	1	1	2	3	1	3	4	6	3	4	4	5	4	8
03:30:00	1	0	3	5	2	2	1	4	5	6	2	3	3	5
03:45:00	5	0	1	0	0	2	3	3	5	3	1	2	4	1
04:00:00	4	5	2	0	3	2	4	4	2	6	2	0	2	5
04:15:00	3	4	2	7	5	8	2	3	9	6	4	4	1	5
04:30:00	5	5	8	5	3	2	23	6	4	1	10	6	4	2
04:45:00	5	4	3	11	4	3	11	17	6	6	6	5	8	2
05:00:00	7	5	5	5	8	2	6	3	4	0	5	5	4	4
05:15:00	2	2	6	8	10	3	4	7	9	4	9	2	10	3
05:30:00	8	2	15	8	11	9	16	9	18	9	10	5	9	6
05:45:00	10	6	15	9	12	9	25	11	11	9	15	6	10	3
06:00:00	20	9	18	12	12	14	20	15	18	14	9	7	12	12
06:15:00	15	19	13	14	26	22	26	35	28	21	14	13	11	11
06:30:00	23	24	33	28	44	25	31	32	29	27	27	21	23	14
06:45:00	37	18	30	28	42	27	47	25	24	21	31	16	28	21
07:00:00	39	21	46	15	51	28	37	33	35	27	22	25	21	25
07:15:00	44	40	49	33	34	46	37	44	42	34	38	28	21	30
07:30:00	35	38	44	46	51	38	42	30	60	49	42	29	29	21
07:45:00	58	46	45	59	59	45	50	43	64	46	53	50	28	34
08:00:00	61	51	65	40	49	54	58	40	49	64	42	33	18	
08:15:00	44	50	47	56	56	59	52	64	45	55	46	53	36	22
08:30:00	42	39	57	49	44	55	33	37	53	47	59	36	59	41
08:45:00	69	45	68	46	69	45	67	47	58	55	79	63	63	56
09:00:00	52	38	68	45	74	60	66	54	59	51	80	53	51	43
09:15:00	58	48	55	58	65	59	63	43	79	60	84	71	63	50
09:30:00	74	71	58	54	78	47	68	51	79	59	76	55	67	55
09:45:00	67	58	77	54	71	76	60	60	71	47	100	77	60	54
10:00:00	63	63	77	59	67	59	70	53	88	59	115	86	67	70
10:15:00	68	55	67	59	72	51	83	76	86	66	99	97	83	65
10:30:00	82	80	81	78	70	49	86	58	87	71	103	83	96	69
10:45:00	97	79	69	59	77	69	105	68	92	78	118	79	108	77
11:00:00	86	68	87	77	85	84	88	97	93	95	146	107	76	82
11:15:00	98	88	91	77	77	85	81	84	113	81	141	108	105	88
11:30:00	84	97	102	86	91	65	87	88	89	95	122	116	98	84
11:45:00	80	88	87	83	88	76	102	68	87	93	152	149	102	99
12:00:00	83	86	98	101	93	108	117	81	95	138	128	129	101	
12:15:00	70	96	98	75	120	97	87	101	132	114	150	132	114	121
12:30:00	78	78	94	93	113	97	66	76	131	114	143	126	126	135
12:45:00	81	68	105	97	109	100	85	113	113	101	128	135	124	102
13:00:00	91	78	88	86	76	93	87	86	107	85	137	134	113	128
13:15:00	103	78	106	84	78	92	110	91	109	102	158	132	119	124
13:30:00	105	90	96	101	86	96	92	102	107	103	146	130	140	106
13:45:00	111	101	97	91	96	84	101	93	105	116	130	141	141	119
14:00:00	113	91	114	98	90	90	105	80	107	122	122	127	148	90
14:15:00	106	104	77	84	79	75	78	101	125	106	156	158	129	106
14:30:00	74	97	77	109	85	98	90	103	97	113	144	125	147	160
14:45:00	99	120	75	113	114	127	98	107	86	144	137	132	171	165
15:00:00	100	96	98	89	80	101	91	106	102	99	133	137	135	151
15:15:00	109	111	103	76	99	85	96	98	124	102	123	130	137	139
15:30:00	96	96	98	87	101	107	91	99	114	129	138	132	116	143
15:45:00	125	103	114	92	105	103	106	85	114	101	135	139	160	130
16:00:00	101	95	107	97	95	101	93	96	127	119	115	151	126	165
16:15:00	99	118	105	106	86	72	110	104	116	128	129	132	115	144
16:30:00	95	124	109	125	102	103	109	110	122	120	126	125	135	125
16:45:00	103	104	102	112	79	91	103	124	118	136	137	109	109	121
17:00:00	113	111	89	103	93	102	118	109	131	137	129	117	120	139
17:15:00	119	120	94	95	88	89	95	117	148	116	121	120	93	117
17:30:00	84	107	95	97	127	93	90	90	143	141	106	141	97	124
17:45:00	108	103	102	101	98	112	107	98	132	139	108	107	104	105
18:00:00	100	104	76	98	98	99	106	105	133	132	124	107	144	100
18:15:00	102	95	94	92	91	99	84	98	117	103	123	124	126	97
18:30:00	79	88	80	87	86	98	95	82	127	119	106	124	105	139
18:45:00	95	93	84	76	84	82	93	84	115	113	100	112	100	101
19:00:00	87	78	81	78	79	89	92	86	119	106	95	109	101	121
19:15:00	61	81	83	82	78	84	118	81	105	118	110	109	81	89
19:30:00	77	90	75	63	72	78	67	88	99	98	96	91	79	
19:45:00	91	98	60	81	76	81	86	97	111	103	76	78	72	99
20:00:00	71	72	58	74	67	69	65	88	76	99	84	91	72	86
20:15:00	53	76	61	66	57	83	54	60	65	107	105	99	43	78
20:30:00	51	65	42	63	62	60	59	77	82	86	72	85	60	61
20:45:00	63	68	53	61	54	66	48	47	68	74	67	69	40	67
21:00:00	53	65	40	59	50	63	50	67	62	70	73	72	37	47
21:15:00	35	68	43	44	52	58	55	64	54	83	62	76	35	39
21:30:00	36	38	38	40	43	40	40	51	44	66	61	56	33	48
21:45:00	49	48	35	47	39	60	30	50	50	66	66	48	33	50
22:00:00	19	51	36	48	41	50	33	37	60	48	63	82	29	32
22:15:00	38	51	20	42	29	30	28	42	46	59	46	64	28	38
22:30:00	20	30	20	30	24	36	36	45	48	41	38			

SR 145		SR 145		SR 145		SR 145	
M10	Monday Date	Time	WB	M10	Tuesday Date	Time	WB
3/1/97	0:00:00	6	6	3/1/97	0:00:00	6	6
3/1/97	0:15:00	2	1	3/1/97	0:15:00	2	1
3/1/97	0:30:00	4	4	3/1/97	0:30:00	4	4
3/1/97	0:45:00	6	6	3/1/97	0:45:00	6	6
3/1/97	1:00:00	2	10	3/1/97	1:00:00	2	10
3/1/97	1:15:00	5	5	3/1/97	1:15:00	5	5
3/1/97	1:30:00	7	7	3/1/97	1:30:00	7	7
3/1/97	1:45:00	4	4	3/1/97	1:45:00	4	4
3/1/97	2:00:00	2	2	3/1/97	2:00:00	2	2
3/1/97	2:15:00	3	3	3/1/97	2:15:00	3	3
3/1/97	2:30:00	1	1	3/1/97	2:30:00	1	1
3/1/97	2:45:00	0	0	3/1/97	2:45:00	0	0
3/1/97	3:00:00	2	4	3/1/97	3:00:00	2	4
3/1/97	3:15:00	5	5	3/1/97	3:15:00	5	5
3/1/97	3:30:00	6	6	3/1/97	3:30:00	6	6
3/1/97	3:45:00	1	1	3/1/97	3:45:00	1	1
3/1/97	4:00:00	3	3	3/1/97	4:00:00	3	3
3/1/97	4:15:00	6	6	3/1/97	4:15:00	6	6
3/1/97	4:30:00	4	4	3/1/97	4:30:00	4	4
3/1/97	4:45:00	2	2	3/1/97	4:45:00	2	2
3/1/97	5:00:00	0	0	3/1/97	5:00:00	0	0
3/1/97	5:15:00	1	1	3/1/97	5:15:00	1	1
3/1/97	5:30:00	5	5	3/1/97	5:30:00	5	5
3/1/97	5:45:00	6	6	3/1/97	5:45:00	6	6
3/1/97	6:00:00	11	11	3/1/97	6:00:00	11	11
3/1/97	6:15:00	11	11	3/1/97	6:15:00	11	11
3/1/97	6:30:00	10	10	3/1/97	6:30:00	10	10
3/1/97	6:45:00	4	4	3/1/97	6:45:00	4	4
3/1/97	7:00:00	10	10	3/1/97	7:00:00	10	10
3/1/97	7:15:00	7	7	3/1/97	7:15:00	7	7
3/1/97	7:30:00	55	55	3/1/97	7:30:00	55	55
3/1/97	7:45:00	60	60	3/1/97	7:45:00	60	60
3/1/97	8:00:00	51	51	3/1/97	8:00:00	51	51
3/1/97	8:15:00	45	45	3/1/97	8:15:00	45	45
3/1/97	8:30:00	10	10	3/1/97	8:30:00	10	10
3/1/97	8:45:00	45	45	3/1/97	8:45:00	45	45
3/1/97	9:00:00	45	45	3/1/97	9:00:00	45	45
3/1/97	9:15:00	55	55	3/1/97	9:15:00	55	55
3/1/97	9:30:00	24	24	3/1/97	9:30:00	24	24
3/1/97	9:45:00	13	13	3/1/97	9:45:00	13	13
3/1/97	10:00:00	7	7	3/1/97	10:00:00	7	7
3/1/97	10:15:00	45	45	3/1/97	10:15:00	45	45
3/1/97	10:30:00	55	55	3/1/97	10:30:00	55	55
3/1/97	10:45:00	45	45	3/1/97	10:45:00	45	45
3/1/97	11:00:00	55	55	3/1/97	11:00:00	55	55
3/1/97	11:15:00	55	55	3/1/97	11:15:00	55	55
3/1/97	11:30:00	36	36	3/1/97	11:30:00	36	36
3/1/97	11:45:00	55	55	3/1/97	11:45:00	55	55
3/1/97	12:00:00	54	54	3/1/97	12:00:00	54	54
3/1/97	12:15:00	61	60	3/1/97	12:15:00	61	60
3/1/97	12:30:00	65	65	3/1/97	12:30:00	65	65
3/1/97	12:45:00	52	52	3/1/97	12:45:00	52	52
3/1/97	13:00:00	52	52	3/1/97	13:00:00	52	52
3/1/97	13:15:00	52	52	3/1/97	13:15:00	52	52
3/1/97	13:30:00	61	61	3/1/97	13:30:00	61	61
3/1/97	13:45:00	54	54	3/1/97	13:45:00	54	54
3/1/97	14:00:00	55	55	3/1/97	14:00:00	55	55
3/1/97	14:15:00	55	55	3/1/97	14:15:00	55	55
3/1/97	14:30:00	62	62	3/1/97	14:30:00	62	62
3/1/97	14:45:00	54	54	3/1/97	14:45:00	54	54
3/1/97	15:00:00	52	52	3/1/97	15:00:00	52	52
3/1/97	15:15:00	65	65	3/1/97	15:15:00	65	65
3/1/97	15:30:00	75	75	3/1/97	15:30:00	75	75
3/1/97	15:45:00	55	55	3/1/97	15:45:00	55	55
3/1/97	16:00:00	54	54	3/1/97	16:00:00	54	54
3/1/97	16:15:00	55	55	3/1/97	16:15:00	55	55
3/1/97	16:30:00	55	55	3/1/97	16:30:00	55	55
3/1/97	16:45:00	55	55	3/1/97	16:45:00	55	55
3/1/97	17:00:00	55	55	3/1/97	17:00:00	55	55
3/1/97	17:15:00	55	55	3/1/97	17:15:00	55	55
3/1/97	17:30:00	55	55	3/1/97	17:30:00	55	55
3/1/97	17:45:00	55	55	3/1/97	17:45:00	55	55
3/1/97	18:00:00	55	55	3/1/97	18:00:00	55	55
3/1/97	18:15:00	55	55	3/1/97	18:15:00	55	55
3/1/97	18:30:00	55	55	3/1/97	18:30:00	55	55
3/1/97	18:45:00	45	45	3/1/97	18:45:00	45	45
3/1/97	19:00:00	55	55	3/1/97	19:00:00	55	55
3/1/97	19:15:00	55	55	3/1/97	19:15:00	55	55
3/1/97	19:30:00	55	55	3/1/97	19:30:00	55	55
3/1/97	19:45:00	55	55	3/1/97	19:45:00	55	55
3/1/97	20:00:00	36	36	3/1/97	20:00:00	36	36
3/1/97	20:15:00	35	35	3/1/97	20:15:00	35	35
3/1/97	20:30:00	32	34	3/1/97	20:30:00	34	34
3/1/97	20:45:00	32	34	3/1/97	20:45:00	34	34
3/1/97	21:00:00	30	33	3/1/97	21:00:00	40	42
3/1/97	21:15:00	28	30	3/1/97	21:15:00	26	28
3/1/97	21:30:00	29	30	3/1/97	21:30:00	27	30
3/1/97	21:45:00	34	35	3/1/97	21:45:00	32	35
3/1/97	22:00:00	32	32	3/1/97	22:00:00	31	32
3/1/97	22:15:00	32	32	3/1/97	22:15:00	31	32
3/1/97	22:30:00	31	31	3/1/97	22:30:00	30	31
3/1/97	22:45:00	31	31	3/1/97	22:45:00	30	31
3/1/97	23:00:00	18	18	3/1/97	23:00:00	12	18
3/1/97	23:15:00	10	10	3/1/97	23:15:00	10	10
3/1/97	23:30:00	6	6	3/1/97	23:30:00	6	6
3/1/97	23:45:00	4	4	3/1/97	23:45:00	4	4

SR 145		SR 145		SR 145		SR 145	
M10	Monday Date	Time	WB	M10	Tuesday Date	Time	WB
3/1/97	0:00:00	6	6	3/1/97	0:00:00	6	6
3/1/97	0:15:00	5	5	3/1/97	0:15:00	5	5
3/1/97	0:30:00	2	2	3/1/97	0:30:00	2	2
3/1/97	0:45:00	4	4	3/1/97	0:45:00	4	4
3/1/97	1:00:00	2	2	3/1/97	1:00:00	2	2
3/1/97	1:15:00	7	7	3/1/97	1:15:00	7	7
3/1/97	1:30:00	6	6	3/1/97	1:30:00	6	6
3/1/97	1:45:00	4	4	3/1/97	1:45:00	4	4
3/1/97	2:00:00	2	2	3/1/97	2:00:00	2	2
3/1/97	2:15:00	1	1	3/1/97	2:15:00	1	1
3/1/97	2:30:00	0	0	3/1/97	2:30:00	0	0
3/1/97	2:45:00	2	2	3/1/97	2:45:00	2	2
3/1/97	3:00:00	4	4	3/1/97	3:00:00	4	4
3/1/97	3:15:00	2	2	3/1/97	3:15:00	2	2
3/1/97	3:30:00	5	5	3/1/97	3:30:00	5	5
3/1/97	3:45:00	2	2	3/1/97	3:45:00	2	2
3/1/97	4:00:00	4	4	3/1/97	4:00:00	4	4
3/1/97	4:15:00	1	1	3/1/97	4:15:00	1	1
3/1/97	4:30:00	0	0	3/1/97	4:30:00	0	0
3/1/97	4:45:00	2	2	3/1/97	4:45:00	2	2
3/1/97	5:00:00	4	4	3/1/97	5:00:00	4	4
3/1/97	5:15:00	2	2	3/1/97	5:15:00	2	2
3/1/97	5:30:00	5	5	3/1/97	5:30:00	5	5
3/1/97	5:45:00	7	7	3/1/97	5:45:00	7	7
3/1/97	6:00:00	6	6	3/1/97	6:00:00	6	6
3/1/97	6:15:00	5	5	3/1/97	6:15:00	5	5
3/1/97	6:30:00	3	3	3/1/97	6:30:00	3	3
3/1/97	6:45:00	5	5	3/1/97	6:45:00	5	5
3/1/97	7:00:00	2	2	3/1/97	7:00:00	2	2
3/1/97	7:15:00	11	11	3/1/97	7:15:00	11	11
3/1/97	7:30:00	53	53	3/1/97	7:30:00	53	53
3/1/97	7:45:00	52	52	3/1/97	7:45:00	52	52
3/1/97	8:00:00	51	51	3/1/97	8:00:00	51	51
3/1/97	8:15:00	45	45	3/1/97	8:15:00	45	45
3/1/97	8:30:00	32	32	3/1/97	8:30:00	32	32
3/1/97	8:45:00	32	32	3/1/97	8:45:00	32	32
3/1/97	9:00:00	32	32	3/1/97	9:00:00	32	32
3/1/97	9:15:00	32					

Meijer
M11, Powell
Urban

Factored Driveway Traffic

M11 Time	05/12/97 Monday		05/13/97 Tuesday		05/14/97 Wednesday		05/15/97 Thursday		05/16/97 Friday		05/10/97 Saturday		05/11/97 Sunday	
	In	Out	In	Out	In	Out	In	Out	In	Out	In	Out	In	Out
00:00:00	5	17	6	23	8	18	9	20	15	8	13	14	29	48
00:15:00	7	15	8	10	7	4	8	16	7	10	3	11	25	41
00:30:00	4	7	9	8	6	12	12	13	5	13	8	13	17	29
00:45:00	0	6	4	10	10	6	2	10	4	5	2	5	25	26
01:00:00	5	5	3	6	3	8	3	5	3	10	5	8	21	30
01:15:00	3	4	4	9	1	3	6	4	3	3	5	2	19	26
01:30:00	3	2	4	3	2	6	5	6	4	6	3	6	7	13
01:45:00	2	4	4	10	5	5	10	10	4	4	2	5	13	18
02:00:00	1	6	3	5	2	3	3	14	3	7	6	6	15	15
02:15:00	6	7	9	5	6	3	1	4	0	5	1	4	2	14
02:30:00	3	9	0	6	1	11	10	4	0	3	0	2	7	8
02:45:00	0	0	1	2	6	4	3	3	1	2	2	5	10	8
03:00:00	5	4	5	4	1	5	1	4	3	4	3	6	3	10
03:15:00	4	4	4	5	1	3	8	9	9	3	5	3	5	4
03:30:00	6	6	8	3	4	1	3	4	4	4	2	3	9	7
03:45:00	9	2	4	5	4	4	3	6	3	7	2	5	9	11
04:00:00	8	4	1	5	4	0	3	5	2	2	4	5	5	1
04:15:00	3	8	1	5	6	5	6	3	7	3	6	4	4	7
04:30:00	10	3	9	3	3	6	15	7	12	5	11	5	8	3
04:45:00	8	1	15	8	14	5	4	2	4	3	6	1	11	6
05:00:00	13	12	8	3	11	10	7	12	14	6	7	5	5	6
05:15:00	11	3	9	10	8	6	8	3	7	4	10	3	2	5
05:30:00	22	8	12	4	18	10	26	11	24	7	25	9	8	7
05:45:00	26	14	33	11	25	10	34	12	30	12	29	8	8	5
06:00:00	25	18	40	18	27	23	19	18	24	27	21	22	12	5
06:15:00	36	27	25	30	22	19	38	25	37	28	29	22	27	13
06:30:00	35	33	41	31	36	36	33	29	36	31	35	24	19	22
06:45:00	74	49	48	46	56	42	49	60	51	57	42	57	26	11
07:00:00	76	74	84	78	89	82	70	51	79	53	37	39	34	19
07:15:00	72	60	61	63	72	61	70	43	58	51	29	31	32	
07:30:00	72	55	65	55	63	50	46	50	58	48	42	41	29	
07:45:00	59	41	62	48	77	55	49	48	58	53	62	48	51	39
08:00:00	55	44	60	50	52	43	56	34	44	39	56	43	57	45
08:15:00	51	39	62	48	63	41	55	45	52	50	70	42	60	43
08:30:00	60	45	65	50	61	51	69	46	66	55	74	58	70	45
08:45:00	64	46	89	56	75	42	62	46	76	54	82	50	93	71
09:00:00	74	56	76	51	73	56	75	48	68	53	79	70	84	74
09:15:00	64	55	85	62	51	30	49	41	53	56	72	59	96	79
09:30:00	65	50	52	56	57	59	59	54	67	46	87	68	94	80
09:45:00	54	46	63	60	65	47	70	55	68	56	74	67	92	84
10:00:00	75	52	61	39	62	55	61	51	73	54	78	73	110	96
10:15:00	87	54	73	50	69	49	82	49	66	66	106	113	108	88
10:30:00	80	61	70	62	63	55	62	66	76	57	116	92	127	97
10:45:00	74	65	94	66	60	54	65	64	83	72	112	94	112	128
11:00:00	105	72	74	80	84	74	90	76	96	92	109	111	134	98
11:15:00	88	82	95	87	91	79	101	79	94	79	133	116	142	116
11:30:00	138	92	111	80	123	87	120	77	118	85	131	100	140	136
11:45:00	98	97	124	96	94	105	108	94	107	92	174	137	130	140
12:00:00	125	114	134	103	117	89	95	109	118	99	149	140	148	147
12:15:00	91	110	111	121	109	126	95	110	97	117	111	123	128	137
12:30:00	129	113	115	119	116	89	98	99	95	117	132	133	128	117
12:45:00	113	118	97	110	101	99	104	111	108	121	118	116	138	137
13:00:00	120	121	108	115	124	130	92	99	92	96	122	133	142	143
13:15:00	112	110	93	102	117	122	81	88	90	95	168	118	117	137
13:30:00	74	113	76	87	101	101	90	91	96	88	153	146	124	128
13:45:00	92	103	98	97	85	102	81	94	105	84	135	143	132	126
14:00:00	94	110	83	99	108	104	92	97	91	106	154	160	125	124
14:15:00	82	89	88	112	83	94	79	102	78	90	153	126	126	142
14:30:00	80	95	81	100	83	108	97	104	102	81	143	145	123	130
14:45:00	108	104	94	88	98	107	87	80	115	92	157	147	118	102
15:00:00	120	119	129	122	108	110	87	98	86	104	131	133	101	138
15:15:00	102	91	89	112	102	109	81	85	91	88	140	145	117	118
15:30:00	105	108	85	90	111	101	85	85	88	88	129	141	127	122
15:45:00	104	105	94	100	87	99	94	86	89	87	112	147	140	126
16:00:00	92	106	81	96	101	94	92	95	104	104	136	130	115	121
16:15:00	104	109	95	108	84	97	102	98	88	103	135	130	124	124
16:30:00	133	142	108	97	93	92	102	123	83	105	145	158	131	136
16:45:00	103	108	96	116	116	108	84	96	109	88	132	149	105	131
17:00:00	137	121	108	110	107	121	111	90	98	88	115	130	103	130
17:15:00	134	129	121	107	115	95	91	101	88	105	110	137	129	105
17:30:00	103	118	79	101	84	95	98	95	90	91	135	134	123	112
17:45:00	106	110	110	98	98	101	95	95	97	101	120	119	102	135
18:00:00	107	109	86	104	139	122	110	90	112	95	103	129	126	113
18:15:00	106	110	104	101	123	106	98	103	80	88	132	125	130	121
18:30:00	116	116	83	86	90	107	94	81	89	84	125	120	103	119
18:45:00	98	101	90	98	92	99	110	80	89	84	123	118	106	110
19:00:00	93	96	82	88	103	107	109	98	105	87	120	135	106	135
19:15:00	89	99	120	87	98	100	100	99	91	90	113	116	77	108
19:30:00	107	99	103	105	96	84	77	94	98	86	110	114	102	112
19:45:00	102	104	97	92	83	92	84	96	74	84	110	107	95	90
20:00:00	86	91	80	103	84	95	84	107	81	100	103	122	80	97
20:15:00	83	95	71	99	92	103	67	81	85	92	109	112	79	94
20:30:00	80	99	77	92	94	115	86	93	77	85	114	107	61	84
20:45:00	88	98	85	78	81	82	70	85	81	94	109	98	72	81
21:00:00	75	87	64	87	58	93	62	82	65	87	88	118	63	84
21:15:00	62	85	66	67	68	89	72	90	75	76	89	113	60	64
21:30:00	47	85	50	81	38	68	50	59	49	66	92	105	53	63
21:45:00	42	57	51	62	43	68	37	71	38	72	71	99	45	65
22:00:00	46	65	36	64	45	59	33	48	41	64	78	89	47	50
22:15:00	25	42	35	47	25	48	23	44	37	54	96	77	35	46
22:30:00	18	43	29	39	28	47	26	37	40	64	82	84	25</td	

Point File Format v2											
U1,U2		U3,U4		U5,U6		U7,U8		U9,U10		U11,U12	
Point ID	Color	Point ID	Color	Point ID	Color	Point ID	Color	Point ID	Color	Point ID	Color
1	0	2	0	3	0	4	0	5	0	6	0
7	0	8	0	9	0	10	0	11	0	12	0
13	0	14	0	15	0	16	0	17	0	18	0
19	0	20	0	21	0	22	0	23	0	24	0
25	0	26	0	27	0	28	0	29	0	30	0
31	0	32	0	33	0	34	0	35	0	36	0
37	0	38	0	39	0	40	0	41	0	42	0
43	0	44	0	45	0	46	0	47	0	48	0
49	0	50	0	51	0	52	0	53	0	54	0
55	0	56	0	57	0	58	0	59	0	60	0
61	0	62	0	63	0	64	0	65	0	66	0
67	0	68	0	69	0	70	0	71	0	72	0
73	0	74	0	75	0	76	0	77	0	78	0
79	0	80	0	81	0	82	0	83	0	84	0
85	0	86	0	87	0	88	0	89	0	90	0
91	0	92	0	93	0	94	0	95	0	96	0
97	0	98	0	99	0	100	0	101	0	102	0
103	0	104	0	105	0	106	0	107	0	108	0
109	0	110	0	111	0	112	0	113	0	114	0
115	0	116	0	117	0	118	0	119	0	120	0
121	0	122	0	123	0	124	0	125	0	126	0
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133	0	134	0	135	0	136	0	137	0	138	0
139	0	140	0	141	0	142	0	143	0	144	0
145	0	146	0	147	0	148	0	149	0	150	0
151	0	152	0	153	0	154	0	155	0	156	0
157	0	158	0	159	0	160	0	161	0	162	0
163	0	164	0	165	0	166	0	167	0	168	0
169	0	170	0	171	0	172	0	173	0	174	0
175	0	176	0	177	0	178	0	179	0	180	0
181	0	182	0	183	0	184	0	185	0	186	0
187	0	188	0	189	0	190	0	191	0	192	0
193	0	194	0	195	0	196	0	197	0	198	0
199	0	200	0	201	0	202	0	203	0	204	0
205	0	206	0	207	0	208	0	209	0	210	0
211	0	212	0	213	0	214	0	215	0	216	0
217	0	218	0	219	0	220	0	221	0	222	0
223	0	224	0	225	0	226	0	227	0	228	0
229	0	230	0	231	0	232	0	233	0	234	0
235	0	236	0	237	0	238	0	239	0	240	0
241	0	242	0	243	0	244	0	245	0	246	0
247	0	248	0	249	0	250	0	251	0	252	0
253	0	254	0	255	0	256	0	257	0	258	0
259	0	260	0	261	0	262	0	263	0	264	0
265	0	266	0	267	0	268	0	269	0	270	0
271	0	272	0	273	0	274	0	275	0	276	0
277	0	278	0	279	0	280	0	281	0	282	0
283	0	284	0	285	0	286	0	287	0	288	0
289	0	290	0	291	0	292	0	293	0	294	0
295	0	296	0	297	0	298	0	299	0	300	0
301	0	302	0	303	0	304	0	305	0	306	0
307	0	308	0	309	0	310	0	311	0	312	0
313	0	314	0	315	0	316	0	317	0	318	0
319	0	320	0	321	0	322	0	323	0	324	0
325	0	326	0	327	0	328	0	329	0	330	0
331	0	332	0	333	0	334	0	335	0	336	0
337	0	338	0	339	0	340	0	341	0	342	0
343	0	344	0	345	0	346	0	347	0	348	0
349	0	350	0	351	0	352	0	353	0	354	0
355	0	356	0	357	0	358	0	359	0	360	0
361	0	362	0	363	0	364	0	365	0	366	0
367	0	368	0	369	0	370	0	371	0	372	0
373	0	374	0	375	0	376	0	377	0	378	0
379	0	380	0	381	0	382	0	383	0	384	0
385	0	386	0	387	0	388	0	389	0	390	0
391	0	392	0	393	0	394	0	395	0	396	0
397	0	398	0	399	0	400	0	401	0	402	0
403	0	404	0	405	0	406	0	407	0	408	0
409	0	410	0	411	0	412	0	413	0	414	0
415	0	416	0	417	0	418	0	419	0	420	0
421	0	422	0	423	0	424	0	425	0	426	0
427	0	428	0	429	0	430	0	431	0	432	0
433	0	434	0	435	0	436	0	437	0	438	0
439	0	440	0	441	0	442	0	443	0	444	0
445	0	446	0	447	0	448	0	449	0	450	0
451	0	452	0	453	0	454	0	455	0	456	0
457	0	458	0	459	0	460	0	461	0	462	0
463	0	464	0	465	0	466	0	467	0	468	0
469	0	470	0	471	0	472	0	473	0	474	0
475	0	476	0	477	0	478	0	479	0	480	0
481	0	482	0	483	0	484	0	485	0	486	0
487	0	488	0	489	0	490	0	491	0	492	0
493	0	494	0	495	0	496	0	497	0	498	0
499	0	500	0	501	0	502	0	503	0	504	0
505	0	506	0	507	0	508	0	509	0	510	0
511	0	512	0	513	0	514	0	515	0	516	0
517	0	518	0	519	0	520	0	521	0	522	0
523	0	524	0	525	0	526	0	527	0	528	0
529	0	530	0	531	0	532	0	533	0	534	0
535	0	536	0	537	0	538	0	539	0	540	0
541	0	542	0	543	0	544	0	545	0	546	0
547	0	548	0	549	0	550	0	551	0	552	0
553	0	554	0	555	0	556	0	557	0	558	0
559	0	560	0	561	0	562	0	563	0	564	0
565	0	566	0	567	0	568	0	569	0	570	0
571	0	572	0	573	0	574	0	575	0	576	0
577	0	578	0	579	0	580	0	581	0	582	0
583	0	584	0	585	0	586	0	587	0	588	0
589	0	590	0	591	0	592	0	593	0	594	0
595	0	596	0	597	0	598	0	599	0	600	0
601	0	602	0	603	0	604	0	605	0	606	0
607	0	608	0	609	0	610	0	611	0	612	0
613	0	614	0	615	0	616	0	617	0	618	0
619	0	620	0	621	0	622	0	623	0	624	0
625	0	626	0	627	0	628	0	629	0	630	0
631	0	632	0	633	0	634	0	635	0	636	0
637	0	638	0	639	0	640	0	641	0	642	0
643	0	644	0	645	0	646	0	647	0	648	0
649	0	650	0	651	0	652	0	653	0	654	0
655	0	656	0	657	0	658	0	659	0	660	0
661	0	662	0	663	0	664	0	665	0	666	0
667	0	668	0	669	0	670	0	671	0	672	0
673	0	674	0	675	0	676	0	677	0	678	0
679	0	680	0	681	0	682	0	683	0	684	0
685	0	686	0	687	0	688	0	689	0	690	0
691	0	692	0	693	0	694	0	695	0	696	0
697	0	698	0	699	0	700	0	701	0	702	0
703	0	704	0	705	0	706	0	707	0	708	0
709	0	710	0	711	0	712	0	713	0	714	0
715	0	716	0	717	0	718	0	719	0	720	0
721	0	722	0	723	0	724	0	725	0	726	0
727	0	728	0	729	0	730	0	731	0	732	0
733	0	734	0	735	0	736	0	737	0	738	0
739	0	740	0	741	0	742	0	743	0	744	0
745	0	746	0	747	0	748	0	749	0	750	0
751	0	752	0	753	0	754	0	755	0	756	0
757	0	758	0	759	0	760	0	761	0	762	0
763	0	764	0	765	0	766	0	767	0	768	0
769	0	770	0	771	0	772	0	773	0	774	0
775	0	776	0	777	0	778	0	779	0	780	0
781	0	782	0	783	0	784	0	785	0	786	0
787	0	788	0	789	0	790	0	791	0	792	0
793	0	794	0	795	0	796	0	797	0	798	0
799	0</										

K-Mart
K1, Euclid
Urban

Factored

Driveway Traffic

K1 Time	09/30/96		09/24/96		09/25/96		09/26/96		09/27/96		09/28/96		09/29/96			
	Monday	In	Tuesday	In	Out	Wednesday	In	Out	Thursday	In	Out	Saturday	In	Out	Sunday	In
01:00	1	3	7	17	5	13	19	15	9	13	29	22	9	11		
01:15	5	3	9	7	6	8	6	11	7	8	14	14	9	19		
01:30	9	7	7	5	1	5	10	9	4	5	10	16	7	12		
01:45	2	5	4	9	3	3	5	1	5	4	12	17	9	10		
02:00	2	4	4	4	3	5	6	10	13	10	6	9	10	9	10	
02:15	0	4	7	8	4	1	7	1	9	4	8	10	14	2	9	
02:30	4	5	5	4	1	5	1	4	5	7	7	7	3	12		
02:45	2	2	3	2	3	2	0	0	0	3	4	4	5	8		
03:00	1	1	5	4	1	1	2	4	4	2	6	2	6	15		
03:15	1	2	1	3	0	3	3	2	2	3	6	4	5	4		
03:30	1	1	3	1	2	2	1	0	0	4	6	7	0	1		
03:45	0	0	0	0	2	2	2	1	1	3	2	2	1	3	5	
04:00	0	0	1	0	3	2	1	0	0	0	3	0	3	3	3	
04:15	2	4	5	4	3	0	1	1	1	2	0	4	1	2	1	
04:30	2	1	0	0	.1	0	1	0	0	1	4	5	1	0		
04:45	0	0	6	8	0	5	6	3	1	0	0	0	3	0		
05:00	3	2	8	7	2	1	1	2	5	10	4	4	0	0		
05:15	2	2	2	3	3	1	3	4	2	1	1	1	-1	1		
05:30	2	8	2	4	1	0	5	11	6	5	4	1	2	1		
05:45	5	3	4	4	5	3	6	4	5	9	5	5	8	5		
06:00	1	11	3	2	8	3	6	0	17	10	8	4	4	2		
06:15	4	5	13	8	14	9	6	2	9	8	4	4	1	1		
06:30	5	11	7	20	6	13	7	8	16	9	12	9	6	4		
06:45	4	15	13	12	17	10	15	15	16	14	8	16	1	4		
07:00	5	12	10	13	17	19	10	15	18	16	10	13	6			
07:15	11	9	15	24	23	21	31	23	28	13	10	9	13	7		
07:30	14	16	12	12	19	21	26	25	34	13	28	15	8	8		
07:45	12	25	17	20	20	15	34	22	34	24	22	30				
08:00	25	13	30	22	29	13	27	19	26	33	31	20	19	15		
08:15	18	23	24	20	38	27	50	24	47	25	30	14	17	9		
08:30	22	19	10	17	28	20	23	20	31	23	35	25	18	19		
08:45	22	14	27	26	31	26	32	26	35	37	31	22	16	21		
09:00	15	28	26	20	40	27	41	33	35	38	31	21	30	23		
09:15	34	28	36	29	42	27	40	26	32	28	26	28	36	24		
09:30	38	17	37	24	39	25	30	21	46	23	63	41	23	34		
09:45	53	43	51	39	38	36	45	28	51	35	48	36	27	23		
10:00	25	24	43	39	47	32	40	50	44	22	63	44	33	41		
10:15	59	59	44	28	62	37	52	33	62	46	59	47	38	32		
10:30	51	48	62	52	49	43	44	33	54	54	54	37	55	56		
10:45	61	61	61	52	41	45	52	60	69	40	84	51	52	55		
11:00	63	52	63	61	68	41	63	38	69	57	84	53	32	44		
11:15	49	48	62	49	71	55	54	39	74	70	79	73	58	55		
11:30	56	57	74	74	82	76	69	55	71	66	83	69	59	61		
11:45	59	58	53	59	88	58	61	66	65	75	103	66	69	64		
12:00	82	86	100	73	100	77	74	62	60	73	98	72	73	82		
12:15	66	72	84	64	66	71	89	63	57	85	98	74	91	84		
12:30	101	86	77	96	79	89	67	75	62	74	101	80	98	80		
12:45	64	64	81	72	64	81	86	56	60	70	116	89	105	98		
13:00	72	66	73	94	69	65	70	78	69	81	103	97	104	76		
13:15	82	73	63	65	63	61	59	66	55	70	109	89	84	77		
13:30	72	72	57	61	47	73	80	71	65	62	108	99	88	109		
13:45	58	48	63	69	64	68	63	72	69	78	116	93	93	90		
14:00	80	61	61	47	65	64	74	78	82	73	116	99	78	73		
14:15	71	62	85	76	52	63	65	72	70	87	121	98	88	107		
14:30	48	64	57	71	68	61	62	73	72	83	98	102	101	102		
14:45	60	68	73	61	62	83	61	52	67	83	99	113	90	90		
15:00	58	65	61	72	71	64	72	57	64	71	111	104	87	93		
15:15	73	60	81	80	50	80	64	58	73	73	144	101	83	99		
15:30	74	60	46	60	85	80	59	62	71	87	112	100	71	77		
15:45	77	78	72	62	63	59	76	55	68	78	104	97	102	122		
16:00	68	63	70	75	69	65	72	65	70	72	86	85	103	119		
16:15	75	64	73	68	57	78	63	66	72	81	98	84	97	99		
16:30	82	72	56	74	65	57	68	57	60	73	92	88	90	88		
16:45	56	70	57	57	76	77	75	61	101	81	99	96	84	96		
17:00	63	80	56	64	67	76	75	73	64	90	81	72	67	106		
17:15	83	75	77	59	71	71	81	82	92	87	90	99	103	98		
17:30	72	70	70	76	75	60	65	86	67	76	89	122	79	89		
17:45	77	60	65	73	84	72	76	64	67	80	76	74	71	84		
18:00	74	68	89	50	79	82	87	76	76	63	84	86	66	81		
18:15	70	71	99	71	64	76	81	99	77	72	83	89	75	73		
18:30	91	66	70	60	79	60	71	62	73	81	98	83	82	96		
18:45	62	66	76	68	68	77	66	78	75	85	86	78	83	78		
19:00	76	85	71	75	61	57	75	60	69	71	55	69	69	84		
19:15	63	61	73	71	69	73	83	73	75	73	70	76	70	84		
19:30	81	84	75	58	61	73	93	73	59	65	66	87	71	68		
19:45	75	74	62	66	63	60	85	87	72	83	57	95	75	81		
20:00	83	88	53	76	59	71	52	63	75	64	62	80	57	109		
20:15	57	77	43	47	52	59	57	73	66	71	69	78	58	80		
20:30	75	86	52	49	40	58	67	59	52	65	53	62	56	60		
20:45	43	55	50	57	47	43	63	72	49	63	46	77	54	70		
21:00	67	69	56	47	52	53	62	59	49	47	55	71	41	52		
21:15	53	55	53	55	44	58	61	64	68	69	59	58	34	52		
21:30	54	48	58	52	40	49	59	46	61	46	63	45	49	40		
21:45	52	80	46	39	50	58	53	51	59	52	47	73	35	48		
22:00	44	43	44	55	29	45	51	37	46	55	42	51	23	28		
22:15	24	57	36	44	34	41	42	39	50	48	38	48	39	58		
22:30	34	47	35	52	25	32	32	31	57	52	40	50	28	35		
22:45	22	28	35	44	25	35	47	28	38	48	29	56	17	31		
23:00	22	23	29	27	23	17	38	23	36	43	35	48	23	17		
23:15	21	24	29	25	27											

Adsoart Street Volumen

K1	Saturday	B211		B211	
		B211	B211	B211	B211
Date	Time	SSB	SSB	NBB	NBB
9/26/2006	1:00	22	39		
9/26/2006	1:15	21	32		
9/26/2006	1:30	21	31		
9/26/2006	1:45	19	27		
9/26/2006	2:00	19	17		
9/26/2006	2:15	15	15		
9/26/2006	2:30	18	17		
9/26/2006	2:45	12	9		
9/26/2006	3:00	20	10		
9/26/2006	3:15	22	12		
9/26/2006	3:30	12	11		
9/26/2006	3:45	6	4		
9/26/2006	4:00	12	11		
9/26/2006	4:15	3	3		
9/26/2006	4:30	10	10		
9/26/2006	4:45	10	6		
9/26/2006	5:00	9	9		
9/26/2006	5:15	11	2		
9/26/2006	5:30	11	2		
9/26/2006	5:45	11	2		
9/26/2006	5:55	11	1		
9/26/2006	6:00	11	1		
9/26/2006	6:15	11	1		
9/26/2006	6:30	11	1		
9/26/2006	6:45	11	1		
9/26/2006	6:55	11	1		
9/26/2006	7:00	11	1		
9/26/2006	7:15	21	24		
9/26/2006	7:30	24	34		
9/26/2006	7:45	30	30		
9/26/2006	7:55	40	40		
9/26/2006	8:00	40	40		
9/26/2006	8:15	49	49		
9/26/2006	8:30	49	49		
9/26/2006	8:45	44	47		
9/26/2006	8:55	44	47		
9/26/2006	9:00	46	46		
9/26/2006	9:15	61	74		
9/26/2006	9:30	71	71		
9/26/2006	9:45	91	77		
9/26/2006	9:55	100	116		
9/26/2006	10:00	116	110		
9/26/2006	10:15	126	110		
9/26/2006	10:30	127	111		
9/26/2006	10:45	115	109		
9/26/2006	10:55	124	122		
9/26/2006	11:00	124	131		
9/26/2006	11:15	124	131		
9/26/2006	11:30	122	145		
9/26/2006	11:45	184	152		
9/26/2006	12:00	178	178		
9/26/2006	12:15	164	173		
9/26/2006	12:30	184	154		
9/26/2006	12:45	176	176		
9/26/2006	12:55	156	178		
9/26/2006	13:00	173	166		
9/26/2006	13:15	205	175		
9/26/2006	13:30	194	150		
9/26/2006	13:45	194	150		
9/26/2006	14:00	167	151		
9/26/2006	14:15	194	189		
9/26/2006	14:30	177	177		
9/26/2006	14:45	176	176		
9/26/2006	14:55	176	176		
9/26/2006	15:10	158	158		
9/26/2006	15:25	161	150		
9/26/2006	15:30	161	150		
9/26/2006	15:45	153	184		
9/26/2006	16:00	158	135		
9/26/2006	16:15	158	135		
9/26/2006	16:30	158	135		
9/26/2006	16:45	157	144		
9/26/2006	16:55	157	144		
9/26/2006	17:00	158	144		
9/26/2006	17:15	155	145		
9/26/2006	17:30	155	145		
9/26/2006	17:45	131	150		
9/26/2006	18:00	124	150		
9/26/2006	18:15	136	138		
9/26/2006	18:30	136	138		
9/26/2006	18:45	145	135		
9/26/2006	18:55	134	134		
9/26/2006	19:00	144	124		
9/26/2006	19:15	134	124		
9/26/2006	19:30	147	115		
9/26/2006	19:45	116	120		
9/26/2006	20:00	116	120		
9/26/2006	20:15	110	125		
9/26/2006	20:30	77	100		
9/26/2006	20:45	97	121		
9/26/2006	21:00	71	101		
9/26/2006	21:15	63	118		
9/26/2006	21:30	63	71		
9/26/2006	21:45	46	49		
9/26/2006	21:55	36	86		
9/26/2006	22:15	40	65		
9/26/2006	22:30	40	51		
9/26/2006	22:45	62	49		
9/26/2006	23:00	43	57		
9/26/2006	23:15	43	49		
9/26/2006	23:30	43	44		
9/26/2006	23:45	20	20		

K1	B241		B241	
	S241	S241	S241	N241
Day	Time	SB	SB	NB
9/26/2006	10:00	10	15	15
9/26/2006	11:15	14	11	11
9/26/2006	13:00	7	11	11
9/26/2006	14:45	10	12	10
9/26/2006	2:15	10	12	10
9/26/2006	2:45	6	6	6
9/26/2006	3:00	1	6	5
9/26/2006	3:30	5	5	5
9/26/2006	3:45	5	5	5
9/26/2006	4:00	5	5	5
9/26/2006	4:15	5	5	5
9/26/2006	4:30	9	10	10
9/26/2006	4:45	6	7	7
9/26/2006	5:00	12	12	12
9/26/2006	5:15	19	22	22
9/26/2006	5:30	12	12	12
9/26/2006	5:45	72	72	72
9/26/2006	6:00	80	22	22
9/26/2006	6:15	110	110	110
9/26/2006	6:30	105	110	110
9/26/2006	6:45	250	59	61
9/26/2006	7:00	224	63	61
9/26/2006	7:15	154	74	74
9/26/2006	7:30	174	105	105
9/26/2006	7:45	121	105	105
9/26/2006	8:00	155	119	119
9/26/2006	8:15	105	105	105
9/26/2006	8:30	120	125	125
9/26/2006	8:45	126	96	96
9/26/2006	9:00	116	92	92
9/26/2006	9:15	96	100	100
9/26/2006	9:30	94	102	102
9/26/2006	9:45	105	105	105
9/26/2006	10:00	115	115	115
9/26/2006	10:15	115	115	115
9/26/2006	10:30	105	105	105
9/26/2006	10:45	116	110	110
9/26/2006	11:00	110	110	110
9/26/2006	11:15	110	120	120
9/26/2006	11:30	149	117	117
9/26/2006	11:45	152	164	164
9/26/2006	12:00	144	160	160
9/26/2006	12:15	125	170	170
9/26/2006	12:30	105	181	181
9/26/2006	12:45	102	181	181
9/26/2006	12:50	102	181	181
9/26/2006	13:00	200	151	151
9/26/2006	13:15	176	156	156
9/26/2006	13:30	147	149	149
9/26/2006	13:45	148	133	133
9/26/2006	14:00	141	153	153
9/26/2006	14:15	146	172	172
9/26/2006	14:30	172	154	154
9/26/2006	14:45	175	167	167
9/26/2006	15:00	175	175	175
9/26/2006	15:15	175	188	188
9/26/2006	15:30	163	196	196
9/26/2006	15:45	180	259	259
9/26/2006	16:00	198	219	219
9/26/2006	16:15	193	190	190
9/26/2006	16:30	154	154	154
9/26/2006	16:45	179	75	75
9/26/2006	17:00	152	152	152
9/26/2006	17:15	167	202	202
9/26/2006	17:30	131	124	124
9/26/2006	17:45	111	137	111
9/26/2006	18:00	125	30	30
9/26/2006	18:15	96	118	118
9/26/2006	18:30	207	207	207
9/26/2006	18:45	202	202	202
9/26/2006	18:50	92	92	92
9/26/2006	19:05	113	99	99
9/26/2006	19:20	91	93	93
9/26/2006	19:35	49	49	49
9/26/2006	19:50	22	21	21
9/26/2006	20:05	22	21	21
9/26/2006	20:20	24	24	24
9/26/2006	20:35	20	20	20
9/26/2006	20:50	41	41	41
9/26/2006	21:05	6	6	6

K1	Tuesday	9241		Baseline	
		Time	Date	Time	Date
10/19/95	1:00	6	13	2:30	11
10/19/95	1:15	9	9	2:30	12
10/19/95	1:30	12	9	2:30	13
10/19/95	1:45	6	9	2:30	14
10/19/95	2:00	10	7	2:30	15
10/19/95	2:15	6	7	2:30	16
10/19/95	2:30	11	6	2:30	17
10/19/95	2:45	6	6	2:30	18
10/19/95	3:00	12	5	2:30	19
10/19/95	3:15	7	5	2:30	20
10/19/95	3:30	14	5	2:30	21
10/19/95	3:45	8	4	2:30	22
10/19/95	4:00	9	4	2:30	23
10/19/95	4:15	6	4	2:30	24
10/19/95	4:30	6	3	2:30	25
10/19/95	4:45	6	3	2:30	26
10/19/95	5:00	12	2	2:30	27
10/19/95	5:15	15	2	2:30	28
10/19/95	5:30	22	1	2:30	29
10/19/95	5:45	14	1	2:30	30
10/19/95	6:00	25	0	2:30	31
10/19/95	6:15	8	0	2:30	32
10/19/95	6:30	100	0	2:30	33
10/19/95	6:45	247	0	2:30	34
10/19/95	7:00	125	0	2:30	35
10/19/95	7:15	171	0	2:30	36
10/19/95	7:30	121	0	2:30	37
10/19/95	7:45	108	0	2:30	38
10/19/95	8:00	213	0	2:30	39
10/19/95	8:15	189	0	2:30	40
10/19/95	8:30	113	0	2:30	41
10/19/95	8:45	118	0	2:30	42
10/19/95	9:00	119	0	2:30	43
10/19/95	9:15	102	0	2:30	44
10/19/95	9:30	102	0	2:30	45
10/19/95	9:45	118	0	2:30	46
10/19/95	10:00	104	0	2:30	47
10/19/95	10:15	120	0	2:30	48
10/19/95	10:30	134	0	2:30	49
10/19/95	10:45	119	0	2:30	50
10/19/95	11:00	142	0	2:30	51
10/19/95	11:15	102	0	2:30	52
10/19/95	11:30	114	0	2:30	53
10/19/95	11:45	129	0	2:30	54
10/19/95	12:00	146	0	2:30	55
10/19/95	12:15	152	0	2:30	56
10/19/95	12:30	148	0	2:30	57
10/19/95	12:45	145	0	2:30	58
10/19/95	13:00	187	0	2:30	59
10/19/95	13:15	118	0	2:30	60
10/19/95	13:30	139	0	2:30	61
10/19/95	13:45	124	0	2:30	62
10/19/95	14:00	137	0	2:30	63
10/19/95	14:15	106	0	2:30	64
10/19/95	14:30	125	0	2:30	65
10/19/95	14:45	166	0	2:30	66
10/19/95	15:00	182	0	2:30	67
10/19/95	15:15	170	0	2:30	68
10/19/95	15:30	172	0	2:30	69
10/19/95	15:45	164	0	2:30	70
10/19/95	16:00	174	0	2:30	71
10/19/95	16:15	180	0	2:30	72
10/19/95	16:30	163	0	2:30	73
10/19/95	16:45	134	0	2:30	74
10/19/95	17:00	163	0	2:30	75
10/19/95	17:15	150	0	2:30	76
10/19/95	17:30	120	0	2:30	77
10/19/95	17:45	130	0	2:30	78
10/19/95	18:00	169	0	2:30	79
10/19/95	18:15	152	0	2:30	80
10/19/95	18:30	125	0	2:30	81
10/19/95	18:45	145	0	2:30	82
10/19/95	19:00	143	0	2:30	83
10/19/95	21:00	215	0	2:30	84
10/19/95	21:45	64	0	2:30	85
10/19/95	22:00	59	0	2:30	86
10/19/95	22:15	52	0	2:30	87
10/19/95	22:30	45	0	2:30	88
10/19/95	22:45	22	0	2:30	89
10/19/95	23:00	49	0	2:30	90
10/19/95	23:15	53	0	2:30	91
10/19/95	23:30	32	0	2:30	92
10/19/95	23:45	30	0	2:30	93
10/19/95	24:00	15	0	2:30	94
10/19/95	24:15:00	24	0	2:30	95
10/19/95	24:30:00	24	0	2:30	96
10/19/95	24:45:00	24	0	2:30	97

K-Mart
K2, Mansfield
Small/Rural

Factored Driveway Traffic

K2 Time	10/14/96			10/15/96			10/16/96			10/17/96			10/18/96			10/19/96			10/20/96		
	Monday In	Monday Out	Tuesday In	Tuesday Out	Wednesday In	Wednesday Out	Thursday In	Thursday Out	Friday In	Friday Out	Saturday In	Saturday Out	Sunday In	Sunday Out	Total In	Total Out	Total In	Total Out	Total In	Total Out	
00:00:00	2	8	5	14	10	12	7	8	17	12	15	26	3	19							
00:15:00	5	4	10	4	7	11	4	9	9	18	27	18	8	19							
00:30:00	5	5	14	14	3	8	2	11	9	11	22	21	12	6							
00:45:00	8	6	6	9	9	11	7	4	9	9	10	19	9	13							
01:00:00	3	4	3	7	9	9	5	5	7	4	13	8	6	13							
01:15:00	1	6	3	7	3	4	1	5	2	14	13	9	6	8							
01:30:00	5	2	6	4	3	10	4	5	4	4	9	9	2	9							
01:45:00	3	4	3	2	8	5	6	3	5	5	9	15	6	6							
02:00:00	1	1	3	3	3	4	6	11	5	8	10	7	5	4							
02:15:00	7	2	0	0	2	1	6	3	5	0	13	8	8	4							
02:30:00	2	3	5	4	1	2	1	5	2	8	4	7	7	7							
02:45:00	1	5	0	1	3	5	0	1	8	2	7	7	4	7							
03:00:00	0	5	0	1	0	0	0	0	2	5	2	7	2	6							
03:15:00	2	6	1	1	1	1	2	2	2	4	5	2	3	3							
03:30:00	3	6	0	2	2	2	1	3	5	1	1	3	5	3							
03:45:00	2	2	3	1	6	4	3	4	2	1	1	2	1	6							
04:00:00	10	6	2	1	6	3	2	2	3	3	2	2	3	12							
04:15:00	2	6	1	5	5	5	0	8	1	6	7	5	2	3							
04:30:00	7	2	5	4	8	4	4	2	4	5	2	9	5	1							
04:45:00	1	3	7	4	5	5	7	2	6	3	6	1	3	2							
05:00:00	2	2	0	2	3	3	6	2	0	4	5	1	3	2							
05:15:00	10	2	8	3	5	2	3	4	5	2	8	1	1	2							
05:30:00	6	5	5	3	5	6	2	4	13	5	11	4	6	2							
05:45:00	8	4	5	3	6	2	11	0	13	3	12	7	6	4							
06:00:00	9	2	10	3	6	4	5	2	6	4	8	8	5	2							
06:15:00	2	14	8	3	10	6	6	9	6	10	8	5	5	5							
06:30:00	10	6	13	4	10	6	11	7	13	8	5	10	8	10							
06:45:00	8	5	14	9	15	7	19	8	26	14	9	5	9	10							
07:00:00	9	11	26	10	13	11	9	11	20	10	16	7	8	10							
07:15:00	12	11	15	13	23	14	19	18	12	16	19	11	15	11							
07:30:00	10	11	16	12	20	12	16	12	16	20	15	18	7	11							
07:45:00	30	14	26	13	30	33	18	21	20	16	21	23	21	7							
08:00:00	13	15	32	11	23	14	20	7	28	11	17	17	19	11							
08:15:00	33	15	21	18	46	15	15	19	29	26	38	17	13	16							
08:30:00	37	13	22	16	37	24	27	17	31	19	31	23	19	22							
08:45:00	42	24	44	13	37	24	36	11	40	16	35	16	26	15							
09:00:00	26	29	24	22	39	33	28	22	42	16	32	24	34	20							
09:15:00	37	25	45	26	36	26	35	25	31	22	52	38	22								
09:30:00	45	33	28	35	45	31	30	26	39	36	38	31	32	23							
09:45:00	30	31	57	27	41	38	43	25	50	31	49	44	48	27							
10:00:00	40	25	46	51	44	45	72	35	57	42	56	39	42	37							
10:15:00	61	40	49	36	46	52	38	39	57	34	80	56	50	37							
10:30:00	61	45	41	51	44	33	39	44	50	51	75	49	58	47							
10:45:00	49	42	53	51	49	46	50	39	70	53	66	55	61	43							
11:00:00	60	64	46	62	46	45	56	45	66	70	80	78	78	47							
11:15:00	77	58	49	48	52	49	62	46	70	79	82	75	61	58							
11:30:00	62	64	56	59	66	41	64	43	79	51	91	82	73	75							
11:45:00	50	63	65	52	56	55	59	55	89	61	99	89	87	55							
12:00:00	61	57	59	53	83	51	52	62	79	89	86	96	94	76							
12:15:00	72	56	52	66	51	62	67	51	81	73	111	90	80	67							
12:30:00	56	62	69	66	58	63	55	46	70	65	94	84	77	75							
12:45:00	59	63	44	66	60	58	74	49	75	63	121	115	102	88							
13:00:00	77	63	59	66	60	64	58	60	80	93	122	108	105	88							
13:15:00	66	66	63	49	63	54	71	73	85	74	152	100	128	93							
13:30:00	67	76	56	49	55	50	64	63	89	74	114	118	120	97							
13:45:00	68	62	50	52	66	55	55	41	106	86	115	131	107	121							
14:00:00	63	84	53	62	62	71	45	59	85	90	123	98	111	97							
14:15:00	59	66	64	56	59	53	48	67	81	70	118	119	117	99							
14:30:00	71	71	53	64	68	73	51	56	66	81	100	133	132	98							
14:45:00	69	57	44	55	27	75	48	58	66	62	138	117	145	112							
15:00:00	51	68	41	68	48	45	41	59	61	88	144	151	107	132							
15:15:00	66	55	51	60	51	53	55	55	74	67	108	120	96	109							
15:30:00	48	51	48	55	56	56	73	43	85	78	103	128	128	106							
15:45:00	59	63	53	56	48	46	53	46	102	76	137	118	86	123							
16:00:00	59	50	73	51	38	66	67	58	81	114	119	132	129	95							
16:15:00	59	68	49	66	48	54	68	60	76	86	131	112	101	101							
16:30:00	52	51	63	48	63	49	51	73	74	82	113	108	113	117							
16:45:00	64	60	56	55	56	52	64	68	84	75	148	88	105	105							
17:00:00	55	62	53	58	63	58	68	63	83	81	103	140	87	76							
17:15:00	62	61	62	58	59	67	39	73	89	92	93	121	100	107							
17:30:00	53	59	61	70	55	66	59	73	90	79	94	73	71	79							
17:45:00	68	75	68	62	36	54	78	63	82	86	86	101	81	79							
18:00:00	49	63	74	59	63	45	63	58	70	79	81	95	74	76							
18:15:00	64	70	41	55	64	54	67	76	102	85	89	94	58	66							
18:30:00	51	66	60	57	55	49	69	69	125	70	88	92	58	85							
18:45:00	75	54	55	45	50	68	60	60	104	89	78	99	64	64							
19:00:00	60	70	46	50	47	59	70	81	79	89											

Lexington-Sprague Rd									
N2		N2		N2		N2		N2	
Day	Time	Day	Time	Day	Time	Day	Time	Day	Time
10/13/06	06:00:00	42	NB	10/14/06	06:00:00	11	15	10/15/06	06:00:00
10/14/06	06:00:00	43	NB	10/15/06	06:00:00	12	15	10/16/06	06:00:00
10/15/06	06:00:00	44	NB	10/16/06	06:00:00	13	15	10/17/06	06:00:00
10/16/06	06:00:00	28	24	10/17/06	06:00:00	14	15	10/18/06	06:00:00
10/17/06	06:00:00	29	20	10/18/06	06:00:00	15	17	10/19/06	06:00:00
10/18/06	06:00:00	30	18	10/19/06	06:00:00	16	17	10/20/06	06:00:00
10/19/06	06:00:00	31	22	10/20/06	06:00:00	17	17	10/21/06	06:00:00
10/20/06	06:00:00	32	19	10/21/06	06:00:00	18	17	10/22/06	06:00:00
10/21/06	06:00:00	33	22	10/22/06	06:00:00	19	17	10/23/06	06:00:00
10/22/06	06:00:00	34	19	10/23/06	06:00:00	20	17	10/24/06	06:00:00
10/23/06	06:00:00	35	22	10/24/06	06:00:00	21	17	10/25/06	06:00:00
10/24/06	06:00:00	36	22	10/25/06	06:00:00	22	17	10/26/06	06:00:00
10/25/06	06:00:00	37	22	10/26/06	06:00:00	23	17	10/27/06	06:00:00
10/26/06	06:00:00	38	22	10/27/06	06:00:00	24	17	10/28/06	06:00:00
10/27/06	06:00:00	39	22	10/28/06	06:00:00	25	17	10/29/06	06:00:00
10/28/06	06:00:00	40	22	10/29/06	06:00:00	26	17	10/30/06	06:00:00
10/29/06	06:00:00	41	22	10/30/06	06:00:00	27	17	10/31/06	06:00:00
10/30/06	06:00:00	42	22	10/31/06	06:00:00	28	17	10/1/07	06:00:00
10/1/07	06:00:00	43	22	10/1/07	06:00:00	29	17	10/2/07	06:00:00
10/2/07	06:00:00	44	22	10/2/07	06:00:00	30	17	10/3/07	06:00:00
10/3/07	06:00:00	45	22	10/3/07	06:00:00	31	17	10/4/07	06:00:00
10/4/07	06:00:00	46	22	10/4/07	06:00:00	32	17	10/5/07	06:00:00
10/5/07	06:00:00	47	22	10/5/07	06:00:00	33	17	10/6/07	06:00:00
10/6/07	06:00:00	48	22	10/6/07	06:00:00	34	17	10/7/07	06:00:00
10/7/07	06:00:00	49	22	10/7/07	06:00:00	35	17	10/8/07	06:00:00
10/8/07	06:00:00	50	22	10/8/07	06:00:00	36	17	10/9/07	06:00:00
10/9/07	06:00:00	51	22	10/9/07	06:00:00	37	17	10/10/07	06:00:00
10/10/07	06:00:00	52	22	10/10/07	06:00:00	38	17	10/11/07	06:00:00
10/11/07	06:00:00	53	22	10/11/07	06:00:00	39	17	10/12/07	06:00:00
10/12/07	06:00:00	54	22	10/12/07	06:00:00	40	17	10/13/07	06:00:00
10/13/07	06:00:00	55	22	10/13/07	06:00:00	41	17	10/14/07	06:00:00
10/14/07	06:00:00	56	22	10/14/07	06:00:00	42	17	10/15/07	06:00:00
10/15/07	06:00:00	57	22	10/15/07	06:00:00	43	17	10/16/07	06:00:00
10/16/07	06:00:00	58	22	10/16/07	06:00:00	44	17	10/17/07	06:00:00
10/17/07	06:00:00	59	22	10/17/07	06:00:00	45	17	10/18/07	06:00:00
10/18/07	06:00:00	60	22	10/18/07	06:00:00	46	17	10/19/07	06:00:00
10/19/07	06:00:00	61	22	10/19/07	06:00:00	47	17	10/20/07	06:00:00
10/20/07	06:00:00	62	22	10/20/07	06:00:00	48	17	10/21/07	06:00:00
10/21/07	06:00:00	63	22	10/21/07	06:00:00	49	17	10/22/07	06:00:00
10/22/07	06:00:00	64	22	10/22/07	06:00:00	50	17	10/23/07	06:00:00
10/23/07	06:00:00	65	22	10/23/07	06:00:00	51	17	10/24/07	06:00:00
10/24/07	06:00:00	66	22	10/24/07	06:00:00	52	17	10/25/07	06:00:00
10/25/07	06:00:00	67	22	10/25/07	06:00:00	53	17	10/26/07	06:00:00
10/26/07	06:00:00	68	22	10/26/07	06:00:00	54	17	10/27/07	06:00:00
10/27/07	06:00:00	69	22	10/27/07	06:00:00	55	17	10/28/07	06:00:00
10/28/07	06:00:00	70	22	10/28/07	06:00:00	56	17	10/29/07	06:00:00
10/29/07	06:00:00	71	22	10/29/07	06:00:00	57	17	10/30/07	06:00:00
10/30/07	06:00:00	72	22	10/30/07	06:00:00	58	17	10/31/07	06:00:00
10/31/07	06:00:00	73	22	10/31/07	06:00:00	59	17	10/1/08	06:00:00
10/1/08	06:00:00	74	22	10/1/08	06:00:00	60	17	10/2/08	06:00:00
10/2/08	06:00:00	75	22	10/2/08	06:00:00	61	17	10/3/08	06:00:00
10/3/08	06:00:00	76	22	10/3/08	06:00:00	62	17	10/4/08	06:00:00
10/4/08	06:00:00	77	22	10/4/08	06:00:00	63	17	10/5/08	06:00:00
10/5/08	06:00:00	78	22	10/5/08	06:00:00	64	17	10/6/08	06:00:00
10/6/08	06:00:00	79	22	10/6/08	06:00:00	65	17	10/7/08	06:00:00
10/7/08	06:00:00	80	22	10/7/08	06:00:00	66	17	10/8/08	06:00:00
10/8/08	06:00:00	81	22	10/8/08	06:00:00	67	17	10/9/08	06:00:00
10/9/08	06:00:00	82	22	10/9/08	06:00:00	68	17	10/10/08	06:00:00
10/10/08	06:00:00	83	22	10/10/08	06:00:00	69	17	10/11/08	06:00:00
10/11/08	06:00:00	84	22	10/11/08	06:00:00	70	17	10/12/08	06:00:00
10/12/08	06:00:00	85	22	10/12/08	06:00:00	71	17	10/13/08	06:00:00
10/13/08	06:00:00	86	22	10/13/08	06:00:00	72	17	10/14/08	06:00:00
10/14/08	06:00:00	87	22	10/14/08	06:00:00	73	17	10/15/08	06:00:00
10/15/08	06:00:00	88	22	10/15/08	06:00:00	74	17	10/16/08	06:00:00
10/16/08	06:00:00	89	22	10/16/08	06:00:00	75	17	10/17/08	06:00:00
10/17/08	06:00:00	90	22	10/17/08	06:00:00	76	17	10/18/08	06:00:00
10/18/08	06:00:00	91	22	10/18/08	06:00:00	77	17	10/19/08	06:00:00
10/19/08	06:00:00	92	22	10/19/08	06:00:00	78	17	10/20/08	06:00:00
10/20/08	06:00:00	93	22	10/20/08	06:00:00	79	17	10/21/08	06:00:00
10/21/08	06:00:00	94	22	10/21/08	06:00:00	80	17	10/22/08	06:00:00
10/22/08	06:00:00	95	22	10/22/08	06:00:00	81	17	10/23/08	06:00:00
10/23/08	06:00:00	96	22	10/23/08	06:00:00	82	17	10/24/08	06:00:00
10/24/08	06:00:00	97	22	10/24/08	06:00:00	83	17	10/25/08	06:00:00
10/25/08	06:00:00	98	22	10/25/08	06:00:00	84	17	10/26/08	06:00:00
10/26/08	06:00:00	99	22	10/26/08	06:00:00	85	17	10/27/08	06:00:00
10/27/08	06:00:00	100	22	10/27/08	06:00:00	86	17	10/28/08	06:00:00
10/28/08	06:00:00	101	22	10/28/08	06:00:00	87	17	10/29/08	06:00:00
10/29/08	06:00:00	102	22	10/29/08	06:00:00	88	17	10/30/08	06:00:00
10/30/08	06:00:00	103	22	10/30/08	06:00:00	89	17	10/31/08	06:00:00
10/31/08	06:00:00	104	22	10/31/08	06:00:00	90	17	10/1/09	06:00:00
10/1/09	06:00:00	105	22	10/1/09	06:00:00	91	17	10/2/09	06:00:00
10/2/09	06:00:00	106	22	10/2/09	06:00:00	92	17	10/3/09	06:00:00
10/3/09	06:00:00	107	22	10/3/09	06:00:00	93	17	10/4/09	06:00:00
10/4/09	06:00:00	108	22	10/4/09	06:00:00	94	17	10/5/09	06:00:00
10/5/09	06:00:00	109	22	10/5/09	06:00:00	95	17	10/6/09	06:00:00
10/6/09	06:00:00	110	22	10/6/09	06:00:00	96	17	10/7/09	06:00:00
10/7/09	06:00:00	111	22	10/7/09	06:00:00	97	17	10/8/09	06:00:00
10/8/09	06:00:00	112	22	10/8/09	06:00:00	98	17	10/9/09	06:00:00
10/9/09	06:00:00	113	22	10/9/09	06:00:00	99	17	10/10/09	06:00:00
10/10/09	06:00:00	114	22	10/10/09	06:00:00	100	17	10/11/09	06:00:00
10/11/09	06:00:00	115	22	10/11/09	06:00:00	101	17	10/12/09	06:00:00
10/12/09	06:00:00	116	22	10/12/09	06:00:00	102	17	10/13/09	06:00:00
10/13/09	06:00:00	117	22	10/13/09	06:00:00	103	17	10/14/09	06:00:00
10/14/09	06:00:00	118	22	10/14/09	06:00:00	104	17	10/15/09	06:00:00
10/15/09	06:00:00	119	22	10/15/09	06:00:00	105	17	10/16/09	06:00:00
10/16/09	06:00:00	120	22	10/16/09	06:00:00	106	17	10/17/09	06:00:00
10/17/09	06:00:00	121	22	10/17/09	06:00:00	107	17	10/18/09	06:00:00
10/18/09	06:00:00	122	22	10/18/09	06:00:00	108	17</td		

K-Mart
K3, Hillsboro
Small/Rural

Factored Driveway Traffic

K3 Time	10/14/96		10/15/96		10/16/96		10/17/96		10/18/96		10/19/96		10/20/96	
	Monday In	Out	Tuesday In	Out	Wednesday In	Out	Thursday In	Out	Friday In	Out	Saturday In	Out	Sunday In	Out
00:00:00	2	8	4	6	6	3	2	7	4	13	13	15	10	19
00:15:00	2	6	1	1	1	5	2	5	3	10	9	18	15	21
00:30:00	3	7	6	7	4	3	3	3	5	3	6	16	5	26
00:45:00	2	1	3	2	1	3	2	1	4	3	6	7	7	18
01:00:00	1	2	0	5	0	3	4	1	0	5	3	16	6	8
01:15:00	1	3	2	2	2	3	3	2	4	5	3	9	3	6
01:30:00	2	0	1	0	1	1	4	3	1	9	4	10	6	3
01:45:00	3	0	2	3	3	2	1	2	3	1	2	6	3	3
02:00:00	1	0	0	2	4	6	4	6	2	3	1	2	4	6
02:15:00	2	0	0	1	2	3	3	1	1	4	2	3	3	8
02:30:00	2	1	2	1	7	5	1	3	2	2	5	1	6	7
02:45:00	2	3	4	0	4	1	4	0	4	1	3	6	4	6
03:00:00	1	2	1	1	1	6	4	1	2	0	2	2	4	3
03:15:00	1	1	1	0	0	2	1	2	3	3	2	5	2	1
03:30:00	4	3	4	2	0	3	3	0	1	3	4	1	0	5
03:45:00	0	5	4	2	4	2	1	2	4	1	2	7	1	2
04:00:00	3	1	2	5	5	5	1	3	0	5	4	9	0	2
04:15:00	2	1	1	0	1	1	7	10	5	3	5	6	1	3
04:30:00	2	2	2	2	3	2	3	3	0	2	3	2	1	2
04:45:00	6	0	4	10	4	2	3	3	10	7	5	1	4	2
05:00:00	4	2	9	6	13	6	10	2	8	2	8	0	4	2
05:15:00	6	5	4	6	4	11	7	3	5	5	5	2	4	3
05:30:00	8	2	10	8	7	3	9	5	8	5	8	11	6	3
05:45:00	6	1	4	13	4	8	6	8	10	3	8	7	1	6
06:00:00	7	3	11	7	11	9	5	3	8	10	7	15	9	2
06:15:00	7	2	9	10	6	8	9	7	13	16	8	6	2	11
06:30:00	10	10	12	7	8	6	13	9	16	21	11	10	12	6
06:45:00	14	8	19	14	11	7	11	9	18	17	15	10	14	6
07:00:00	13	8	14	15	15	22	16	21	21	10	13	11	10	13
07:15:00	11	15	12	13	13	17	18	19	18	21	18	27	8	10
07:30:00	21	18	20	15	24	8	18	11	20	19	22	18	10	7
07:45:00	31	19	30	18	22	10	32	9	32	19	28	9	25	6
08:00:00	28	6	22	8	28	10	19	13	22	5	24	19	18	8
08:15:00	21	22	19	9	23	13	24	17	20	23	36	19	17	10
08:30:00	37	13	19	16	34	27	27	17	37	19	39	29	20	9
08:45:00	28	15	35	15	34	21	46	33	37	19	35	27	36	8
09:00:00	45	21	27	10	37	29	44	17	40	24	50	25	30	17
09:15:00	45	36	36	29	46	21	26	27	49	33	51	35	36	24
09:30:00	49	30	49	27	41	34	34	27	60	41	64	42	38	31
09:45:00	50	27	42	32	47	29	49	38	53	26	69	38	52	17
10:00:00	51	33	48	36	48	41	58	34	59	60	69	50	47	35
10:15:00	61	44	43	31	47	41	47	25	71	56	83	49	45	38
10:30:00	48	46	52	51	47	40	56	58	66	50	99	54	53	55
10:45:00	52	50	53	52	47	42	55	54	67	51	78	68	58	38
11:00:00	57	50	61	43	57	47	67	40	63	41	82	64	54	42
11:15:00	55	59	52	55	69	65	33	73	80	62	83	80	54	39
11:30:00	63	68	76	60	66	44	60	51	74	92	90	70	74	40
11:45:00	69	32	48	35	60	43	59	52	71	62	89	93	77	62
12:00:00	62	46	60	56	59	83	55	39	65	63	93	78	64	50
12:15:00	59	96	59	59	60	38	55	47	81	47	77	92	94	74
12:30:00	75	52	61	62	47	70	68	55	77	65	65	51	66	65
12:45:00	64	57	56	39	69	62	67	63	93	73	90	82	78	66
13:00:00	58	63	60	44	51	55	66	67	80	62	83	76	83	66
13:15:00	59	66	45	55	74	60	55	59	73	84	82	57	82	84
13:30:00	63	58	60	57	47	81	42	42	82	66	77	70	72	82
13:45:00	48	49	65	62	59	49	46	39	70	88	89	96	81	47
14:00:00	74	64	58	60	69	68	63	70	84	75	81	77	74	
14:15:00	70	56	65	50	64	52	59	55	85	70	63	99	70	74
14:30:00	53	56	64	51	54	57	61	48	66	82	72	87	78	75
14:45:00	63	55	55	59	49	96	58	72	61	90	79	75	85	50
15:00:00	56	50	59	59	61	75	48	56	70	74	69	72	69	76
15:15:00	48	49	61	68	53	62	66	54	76	72	70	73	50	78
15:30:00	60	60	63	44	61	52	59	76	67	92	77	57	62	81
15:45:00	63	79	52	70	52	68	63	66	84	84	66	64	73	65
16:00:00	44	63	61	66	58	52	68	72	81	65	68	84	64	80
16:15:00	46	55	61	68	60	51	53	70	77	98	64	68	66	62
16:30:00	61	49	61	48	56	73	53	89	79	81	69	67	65	76
16:45:00	62	49	61	47	60	57	68	46	87	68	68	74	68	66
17:00:00	50	42	55	64	61	62	59	58	95	65	65	63	57	73
17:15:00	36	56	46	57	49	83	66	59	81	93	59	86	56	70
17:30:00	46	63	54	52	57	57	53	62	66	88	59	65	61	44
17:45:00	52	48	47	50	42	68	73	41	90	54	63	79	64	75
18:00:00	49	41	43	55	54	65	59	67	75	115	60	51	62	56
18:15:00	45	54	48	49	53	48	56	70	88	81	84	62	61	64
18:30:00	40	57	44	39	50	38	53	52	79	63	67	80	56	56
18:45:00	46	44	46	44	50	46	50	66	77	67	80	78	46	70
19:00:00	53	44	39	43	43	38	56	47	78	62	73	89	48	57
19:15:00	46	65	34	59	35	55	53	49	69	93	69	67	52	70
19:30:00	43	18	29	48	25	48	43	49	61	82	67	57	48	31
19:45:00	35	42	31	23	31	30	41	43	66	64	72	68	50	58
20:00:00	36	46	40	41	22	47	29	65	47	86	51	80	27	51
20:15:00	29	48	27	40	26	38	31	42	54	89	57	84	36	44
20:30:00	36	44	27	43	26	35	26	51	44	76	52	66	18	39
20:45:00	17	38	20	43	24	25	31	38	47	54	34	71	23	31
21:00:00	21	52	24	55	20	40	23	44	29	67	44	46	14	30
21:15:00	22	33	20	26	20	17	12	30	34	60	33	78	18	21
21:30:00	16	22	23	23	20	30	28	16	35	36	36	46	16	19
21:45:00	20	18	26	15	21	22	24	24	22	63	27	47	20	24
22:00:00	16	29	11	32	24	29	21	39	26	56	33	33	17	33
22:15:00	10	22	10	14	10	32	15	35	20	52	21	42	11	21
22:30:00	6	10	7	11	7	10	6	15	14	35	23	39	9	16
22:45:00	6	6	4	9	8	6	8	21	15	32	25	29	7	10
23:00:00	6	8	12	14	7	13	11	7	15	17	14	34	12	18
23:15:00	6	19	2	7	4	21	9	9	17	25	15	36	6	8
23:30:00	6	11	7	7	8	9	11	14	11	25	1			

Factored Driveway Traffic

K4 Time	09/16/96		09/17/96		09/18/96		09/19/96		09/20/96		09/21/96		09/22/96			
	Monday	In	Tuesday	In	Out	Wednesday	In	Out	Thursday	In	Out	Saturday	In	Out	Sunday	In
00:00:00	22	14	33	19	25	14	22	26	20	10	46	38	27	26		
00:15:00	13	8	12	19	12	22	8	14	13	20	33	33	31	31		
00:30:00	17	16	12	14	7	11	9	14	14	10	32	32	20	28		
00:45:00	8	14	18	23	11	12	7	8	3	17	18	35	27	29		
01:00:00	6	14	8	12	8	15	9	17	9	15	10	23	14	22		
01:15:00	12	4	11	12	2	14	8	7	11	19	19	16	16	26		
01:30:00	2	9	11	16	4	8	6	11	6	9	5	20	16	27		
01:45:00	0	3	9	11	5	13	5	7	4	9	9	19	14	10		
02:00:00	3	3	3	11	2	7	4	11	4	1	10	11	2	11		
02:15:00	4	5	2	5	2	8	4	7	2	2	11	15	5	11		
02:30:00	8	5	5	17	0	4	3	11	6	15	8	14	6	9		
02:45:00	3	2	5	0	1	4	6	3	5	10	8	8	4	7		
03:00:00	3	5	1	8	6	4	3	9	2	4	21	10	4	4		
03:15:00	2	9	6	7	2	11	8	9	8	9	6	9	5	4		
03:30:00	5	5	3	5	5	2	3	9	2	5	5	9	2	8		
03:45:00	7	4	6	3	2	2	4	10	1	3	3	10	5	12		
04:00:00	2	2	5	2	4	3	8	2	2	1	3	5	1	3		
04:15:00	3	1	3	9	4	1	2	2	3	7	6	2	3	4		
04:30:00	3	9	4	2	5	4	1	2	5	4	8	8	0	4		
04:45:00	3	1	6	9	8	3	6	4	9	3	7	2	1			
05:00:00	3	1	5	3	5	8	6	0	4	1	6	4	5	5		
05:15:00	3	1	9	9	3	0	6	2	6	0	10	2	3	3		
05:30:00	5	7	5	2	7	5	5	3	12	2	7	5	8	4		
05:45:00	10	7	16	11	5	4	9	4	12	12	3	8	12	4		
06:00:00	6	8	12	13	6	8	12	11	17	9	11	7	8	2		
06:15:00	7	7	8	10	10	7	18	17	16	16	6	10	2	5		
06:30:00	20	15	14	20	20	13	9	13	21	19	10	7	9	11		
06:45:00	23	13	24	8	27	13	42	16	30	26	24	10	17	8		
07:00:00	35	22	26	21	42	14	41	19	19	21	27	19	19	20		
07:15:00	35	22	34	34	25	28	25	23	29	20	31	26	18	13		
07:30:00	26	48	21	39	29	32	33	38	41	33	37	43	31	23		
07:45:00	48	24	46	22	50	40	36	24	53	37	53	35	30	26		
08:00:00	54	38	25	20	37	20	39	23	32	36	46	36	30	23		
08:15:00	44	46	33	26	19	16	41	38	39	27	44	36	42	5		
08:30:00	37	28	48	28	59	27	35	28	57	41	55	37	39	24		
08:45:00	51	23	59	34	59	28	44	19	63	51	60	58	42	35		
09:00:00	62	24	75	34	70	38	37	32	57	45	77	49	64	25		
09:15:00	53	35	86	52	79	43	65	53	61	53	79	45	65	47		
09:30:00	78	43	71	50	69	53	66	46	77	65	86	63	77	56		
09:45:00	75	57	64	56	69	51	55	62	61	74	71	94	97	64		
10:00:00	67	53	88	65	91	89	70	64	84	60	97	71	111	69		
10:15:00	102	77	80	60	80	72	53	53	89	80	79	71	110	69		
10:30:00	101	69	92	80	100	96	102	82	97	65	126	83	108	60		
10:45:00	94	102	92	74	111	73	92	83	97	88	136	117	122	92		
11:00:00	102	71	94	97	105	100	85	61	104	112	138	119	130	84		
11:15:00	105	128	105	83	110	100	84	109	123	142	108	118	179	131		
11:30:00	141	114	100	121	93	98	101	90	111	101	129	111	154	110		
11:45:00	114	118	136	93	108	110	97	113	114	109	150	116	145	105		
12:00:00	131	123	104	122	133	132	93	112	123	124	137	120	168	117		
12:15:00	150	99	120	118	96	95	113	101	127	130	157	165	187	154		
12:30:00	154	146	137	78	134	118	119	99	131	131	161	142	210	153		
12:45:00	135	132	128	101	129	102	132	133	116	132	196	142	216	172		
13:00:00	136	142	146	148	132	117	123	125	109	133	165	152	238	157		
13:15:00	126	96	147	107	109	108	100	134	128	121	133	155	203	160		
13:30:00	152	145	139	133	102	101	114	122	119	128	165	175	195	177		
13:45:00	112	117	143	136	102	121	100	136	117	123	176	169	207	185		
14:00:00	140	122	122	132	125	113	106	131	106	122	172	140	219	205		
14:15:00	128	133	131	134	96	133	96	86	104	108	170	157	187	157		
14:30:00	99	132	98	111	105	129	93	106	87	108	184	178	166	187		
14:45:00	103	145	114	114	95	118	124	111	108	146	156	162	216	186		
15:00:00	87	133	121	123	106	106	87	123	107	121	172	179	190	221		
15:15:00	120	137	123	105	109	101	92	106	79	125	119	155	239	173		
15:30:00	115	96	120	118	99	114	92	93	133	116	133	175	213	204		
15:45:00	91	89	113	122	119	122	98	109	94	101	137	153	190	170		
16:00:00	113	120	137	106	95	110	106	116	118	112	144	148	229	197		
16:15:00	133	138	94	126	90	108	70	126	114	113	162	138	143	184		
16:30:00	104	114	96	107	94	97	93	117	101	118	171	161	174	168		
16:45:00	139	113	116	106	113	93	84	95	113	112	150	144	155	191		
17:00:00	138	110	136	111	90	126	100	93	110	130	188	144	176	162		
17:15:00	118	153	101	130	136	92	88	93	112	117	176	138	143	142		
17:30:00	129	133	110	117	117	90	98	92	95	125	178	165	161	168		
17:45:00	92	133	98	102	124	134	77	89	104	87	189	162	135	161		
18:00:00	94	113	115	119	97	118	101	109	131	107	182	146	150	152		
18:15:00	122	106	125	92	96	105	100	106	81	120	170	177	160	138		
18:30:00	117	118	102	97	107	83	87	118	106	108	185	170	144	167		
18:45:00	129	105	125	92	105	109	90	98	127	106	183	172	123	155		
19:00:00	109	105	104	100	136	98	136	108	124	89	174	165	131	141		
19:15:00	115	137	106	108	99	111	104	109	140	134	171	180	118	94		
19:30:00	132	142	106	122	111	90	105	101	125	141	151	198	121	121		
19:45:00	130	125	88	98	79	111	97	111	126	129	149	226	101	118		
20:00:00	114	129	82	95	71	105	97	87	97	116	156	187	93	112		
20:15:00	93	122	70	89	79	117	96	92	107	121	139	161	92	102		
20:30:00	84	76	67	89	72	87	74	130	96	97	120	167	67	78		
20:45:00	67	112	67	74	71	88	62	104	101	121	89					

Kd	Subject	S1056 Member	S1056 Wbs	S1056 Time	
				Start	End
9217056				1:00	2:00
9217056	1:15	2:00	34	34	35
9217056	1:30	18	36	27	28
9217056	1:45	9	32	22	23
9217056	2:00	10	32	22	23
9217056	2:15	11	25	22	23
9217056	2:30	12	13	13	14
9217056	3:15	13	14	6	8
9217056	3:30	14	15	5	7
9217056	3:45	15	16	2	9
9217056	4:00	16	17	2	4
9217056	4:15	17	18	2	4
9217056	4:30	18	19	2	4
9217056	4:45	19	20	2	4
9217056	5:00	20	21	2	4
9217056	5:15	21	22	10	12
9217056	5:30	10	12	7	8
9217056	5:45	12	12	12	12
9217056	6:00	12	13	12	13
9217056	6:15	13	13	12	13
9217056	6:30	13	13	12	13
9217056	6:45	13	13	12	13
9217056	7:00	13	13	12	13
9217056	7:15	13	13	12	13
9217056	7:30	13	13	12	13
9217056	7:45	13	13	12	13
9217056	8:00	13	13	12	13
9217056	8:15	13	13	12	13
9217056	8:30	13	13	12	13
9217056	8:45	13	13	12	13
9217056	9:00	13	13	12	13
9217056	9:15	13	13	12	13
9217056	9:30	13	13	12	13
9217056	9:45	13	13	12	13
9217056	10:00	13	13	12	13
9217056	10:15	13	13	12	13
9217056	10:30	13	13	12	13
9217056	10:45	13	13	12	13
9217056	10:55	13	13	12	13
9217056	11:10	13	13	12	13
9217056	11:25	13	13	12	13
9217056	11:40	13	13	12	13
9217056	12:00	13	13	12	13
9217056	12:15	13	13	12	13
9217056	12:30	13	13	12	13
9217056	12:45	13	13	12	13
9217056	12:55	13	13	12	13
9217056	13:00	13	13	12	13
9217056	13:15	13	13	12	13
9217056	13:30	13	13	12	13
9217056	13:45	13	13	12	13
9217056	14:00	13	13	12	13
9217056	14:15	13	13	12	13
9217056	14:30	13	13	12	13
9217056	14:45	13	13	12	13
9217056	15:00	13	13	12	13
9217056	15:15	13	13	12	13
9217056	15:30	13	13	12	13
9217056	15:45	13	13	12	13
9217056	16:00	13	13	12	13
9217056	16:15	13	13	12	13
9217056	16:30	13	13	12	13
9217056	16:45	13	13	12	13
9217056	17:00	13	13	12	13
9217056	17:15	13	13	12	13
9217056	17:30	13	13	12	13
9217056	17:45	13	13	12	13
9217056	18:00	13	13	12	13
9217056	18:15	13	13	12	13
9217056	18:30	13	13	12	13
9217056	18:45	13	13	12	13
9217056	19:00	13	13	12	13
9217056	19:15	13	13	12	13
9217056	19:30	13	13	12	13
9217056	19:45	13	13	12	13
9217056	20:00	13	13	12	13
9217056	20:15	13	13	12	13
9217056	20:30	13	13	12	13
9217056	20:45	13	13	12	13
9217056	21:00	13	13	12	13
9217056	21:15	13	13	12	13
9217056	21:30	13	13	12	13
9217056	21:45	13	13	12	13
9217056	22:00	13	13	12	13
9217056	22:15	13	13	12	13
9217056	22:30	13	13	12	13
9217056	22:45	13	13	12	13
9217056	23:00	13	13	12	13
9217056	23:15	13	13	12	13
9217056	23:30	13	13	12	13
9217056	23:45	13	13	12	13
9217056	24:00	13	13	12	13
9217056	24:15	13	13	12	13
9217056	24:30	13	13	12	13
9217056	24:45	13	13	12	13
9217056	25:00	13	13	12	13

K4	Friday	91605	91605
Day	Wednesday	Member	EB
Date	Time		
9/20/2016	1:15	9	16
9/20/2016	1:15	3	14
9/20/2016	1:15	10	20
9/20/2016	2:15	2:15	3
9/20/2016	2:15	10	10
9/20/2016	2:15	2:15	4
9/20/2016	2:15	13	5
9/20/2016	3:15	7	5
9/20/2016	3:15	6	3
9/20/2016	4:15	7	6
9/20/2016	4:15	3	4
9/20/2016	4:15	6	10
9/20/2016	4:45	13	5
9/20/2016	6:00	12	13
9/20/2016	8:15	18	9
9/20/2016	8:30	19	9
9/20/2016	9:45	27	14
9/20/2016	7:30	114	49
9/20/2016	8:00	61	62
9/20/2016	8:15	63	14
9/20/2016	8:30	53	25
9/20/2016	8:45	98	97
9/20/2016	7:00	121	55
9/20/2016	7:15	124	56
9/20/2016	7:30	114	49
9/20/2016	7:45	149	61
9/20/2016	8:00	186	92
9/20/2016	8:15	143	75
9/20/2016	8:30	27	15
9/20/2016	8:45	155	89
9/20/2016	9:15	142	102
9/20/2016	9:30	146	129
9/20/2016	9:45	155	121
9/20/2016	10:00	154	139
9/20/2016	10:15	186	141
9/20/2016	10:30	170	150
9/20/2016	10:45	154	159
9/20/2016	11:00	191	192
9/20/2016	11:15	222	161
9/20/2016	11:30	226	229
9/20/2016	12:00	206	184
9/20/2016	12:15	261	198
9/20/2016	12:30	249	224
9/20/2016	12:45	243	240
9/20/2016	13:00	241	241
9/20/2016	13:15	251	205
9/20/2016	13:30	153	244
9/20/2016	13:45	210	210
9/20/2016	14:00	260	262
9/20/2016	14:15	183	245
9/20/2016	14:30	197	254
9/20/2016	14:45	191	210
9/20/2016	15:00	221	211
9/20/2016	15:15	241	241
9/20/2016	15:30	150	215
9/20/2016	15:45	156	244
9/20/2016	16:00	211	244
9/20/2016	16:15	221	264
9/20/2016	16:30	183	245
9/20/2016	16:45	247	265
9/20/2016	17:00	227	222
9/20/2016	17:15	176	241
9/20/2016	17:30	206	206
9/20/2016	17:45	221	241
9/20/2016	18:00	198	207
9/20/2016	18:15	220	254
9/20/2016	18:30	224	223
9/20/2016	18:45	221	201
9/20/2016	19:00	235	211
9/20/2016	19:15	234	243
9/20/2016	19:30	240	259
9/20/2016	19:45	166	205
9/20/2016	20:00	200	198
9/20/2016	20:15	177	197
9/20/2016	20:30	158	177
9/20/2016	20:45	165	168
9/20/2016	21:00	126	162
9/20/2016	21:15	105	195
9/20/2016	21:30	109	155
9/20/2016	21:45	107	146
9/20/2016	22:00	92	141
9/20/2016	22:15	85	94
9/20/2016	22:30	119	177
9/20/2016	22:45	81	117
9/20/2016	23:00	72	96
9/20/2016	23:15	63	73
9/20/2016	23:30	63	78
9/20/2016	23:45	59	78
9/20/2016	23:59	64	67
9/20/2016	24:00	64	84
9/20/2016	24:15	54	77
9/20/2016	24:30	54	77
9/20/2016	24:45	54	77
9/20/2016	25:00	54	77

K4	Monday	Wednesday	Friday	910605	
				WB	EB
910606	1:00	12	13	6	24
910606	1:15	13	14	6	24
910606	1:30	14	15	6	24
910606	1:45	15	16	6	24
910606	2:00	16	17	6	24
910606	2:15	17	18	6	24
910606	2:30	18	19	6	24
910606	2:45	19	20	6	24
910606	3:00	20	21	6	24
910606	3:15	21	22	6	24
910606	3:30	22	23	6	24
910606	3:45	23	24	6	24
910606	4:00	24	25	6	24
910606	4:15	25	26	6	24
910606	4:30	26	27	6	24
910606	4:45	27	28	6	24
910606	5:00	28	29	6	24
910606	5:15	29	30	6	24
910606	5:30	30	31	6	24
910606	5:45	31	32	6	24
910606	6:00	32	33	6	24
910606	6:15	33	34	6	24
910606	6:30	34	35	6	24
910606	6:45	35	36	6	24
910606	7:00	36	37	6	24
910606	7:15	37	38	6	24
910606	7:30	38	39	6	24
910606	7:45	39	40	6	24
910606	8:00	40	41	6	24
910606	8:15	41	42	6	24
910606	8:30	42	43	6	24
910606	8:45	43	44	6	24
910606	9:00	44	45	6	24
910606	9:15	45	46	6	24
910606	9:30	46	47	6	24
910606	9:45	47	48	6	24
910606	10:00	48	49	6	24
910606	10:15	49	50	6	24
910606	10:30	50	51	6	24
910606	10:45	51	52	6	24
910606	11:00	52	53	6	24
910606	11:15	53	54	6	24
910606	11:30	54	55	6	24
910606	11:45	55	56	6	24
910606	12:00	56	57	6	24
910606	12:15	57	58	6	24
910606	12:30	58	59	6	24
910606	12:45	59	60	6	24
910606	13:00	60	61	6	24
910606	13:15	61	62	6	24
910606	13:30	62	63	6	24
910606	13:45	63	64	6	24
910606	14:00	64	65	6	24
910606	14:15	65	66	6	24
910606	14:30	66	67	6	24
910606	14:45	67	68	6	24
910606	15:00	68	69	6	24
910606	15:15	69	70	6	24
910606	15:30	70	71	6	24
910606	15:45	71	72	6	24
910606	16:00	72	73	6	24
910606	16:15	73	74	6	24
910606	16:30	74	75	6	24
910606	16:45	75	76	6	24
910606	17:00	76	77	6	24
910606	17:15	77	78	6	24
910606	17:30	78	79	6	24
910606	17:45	79	80	6	24
910606	18:00	80	81	6	24
910606	18:15	81	82	6	24
910606	18:30	82	83	6	24
910606	18:45	83	84	6	24
910606	19:00	84	85	6	24
910606	19:15	85	86	6	24
910606	19:30	86	87	6	24
910606	19:45	87	88	6	24
910606	20:00	88	89	6	24
910606	20:15	89	90	6	24
910606	20:30	90	91	6	24
910606	20:45	91	92	6	24
910606	21:00	92	93	6	24
910606	21:15	93	94	6	24
910606	21:30	94	95	6	24
910606	21:45	95	96	6	24
910606	22:00	96	97	6	24
910606	22:15	97	98	6	24
910606	22:30	98	99	6	24
910606	22:45	99	100	6	24
910606	23:00	100	101	6	24
910606	23:15	101	102	6	24
910606	23:30	102	103	6	24
910606	23:45	103	104	6	24
910606	23:59	104	105	6	24
910606	00:00	105	106	6	24

Kd	Wiederholung	Member	910506	910506	EB
Date	Date	Time	Time	WBS	
910506	100	10	16	9	
910506	115	11	16	9	
910506	130	12	16	9	
910506	145	13	16	9	
910506	160	14	16	9	
910506	175	15	16	9	
910506	190	16	16	9	
910506	205	17	16	9	
910506	220	18	16	9	
910506	235	19	16	9	
910506	250	20	16	9	
910506	265	21	16	9	
910506	280	22	16	9	
910506	295	23	16	9	
910506	310	24	16	9	
910506	325	25	16	9	
910506	340	26	16	9	
910506	355	27	16	9	
910506	370	28	16	9	
910506	385	29	16	9	
910506	400	30	16	9	
910506	415	31	16	9	
910506	430	32	16	9	
910506	445	13	16	9	
910506	460	14	16	9	
910506	475	15	16	9	
910506	490	16	16	9	
910506	505	17	16	9	
910506	520	18	16	9	
910506	535	19	16	9	
910506	550	20	16	9	
910506	565	21	16	9	
910506	580	22	16	9	
910506	595	23	16	9	
910506	610	24	16	9	
910506	625	25	16	9	
910506	640	26	16	9	
910506	655	27	16	9	
910506	670	28	16	9	
910506	685	29	16	9	
910506	700	30	16	9	
910506	715	31	16	9	
910506	730	32	16	9	
910506	745	14	16	9	
910506	760	15	16	9	
910506	775	16	16	9	
910506	790	17	16	9	
910506	805	18	16	9	
910506	820	19	16	9	
910506	835	20	16	9	
910506	850	21	16	9	
910506	865	22	16	9	
910506	880	23	16	9	
910506	895	24	16	9	
910506	910	25	16	9	
910506	925	26	16	9	
910506	940	27	16	9	
910506	955	28	16	9	
910506	970	29	16	9	
910506	985	30	16	9	
910506	1000	31	16	9	
910506	1015	32	16	9	
910506	1030	33	16	9	
910506	1045	34	16	9	
910506	1060	35	16	9	
910506	1075	36	16	9	
910506	1090	37	16	9	
910506	1105	38	16	9	
910506	1120	39	16	9	
910506	1135	40	16	9	
910506	1150	41	16	9	
910506	1165	42	16	9	
910506	1180	43	16	9	
910506	1195	44	16	9	
910506	1210	45	16	9	
910506	1225	46	16	9	
910506	1240	47	16	9	
910506	1255	48	16	9	
910506	1270	49	16	9	
910506	1285	50	16	9	
910506	1300	51	16	9	
910506	1315	52	16	9	
910506	1330	53	16	9	
910506	1345	54	16	9	
910506	1360	55	16	9	
910506	1375	56	16	9	
910506	1390	57	16	9	
910506	1405	58	16	9	
910506	1420	59	16	9	
910506	1435	60	16	9	
910506	1450	61	16	9	
910506	1465	62	16	9	
910506	1480	63	16	9	
910506	1495	64	16	9	
910506	1510	65	16	9	
910506	1525	66	16	9	
910506	1540	67	16	9	
910506	1555	68	16	9	
910506	1570	69	16	9	
910506	1585	70	16	9	
910506	1600	71	16	9	
910506	1615	72	16	9	
910506	1630	73	16	9	
910506	1645	74	16	9	
910506	1660	75	16	9	
910506	1675	76	16	9	
910506	1690	77	16	9	
910506	1705	78	16	9	
910506	1720	79	16	9	
910506	1735	80	16	9	
910506	1750	81	16	9	
910506	1765	82	16	9	
910506	1780	83	16	9	
910506	1795	84	16	9	
910506	1810	85	16	9	
910506	1825	86	16	9	
910506	1840	87	16	9	
910506	1855	88	16	9	
910506	1870	89	16	9	
910506	1885	90	16	9	
910506	1900	91	16	9	
910506	1915	92	16	9	
910506	1930	93	16	9	
910506	1945	94	16	9	
910506	1960	95	16	9	
910506	1975	96	16	9	
910506	1990	97	16	9	
910506	2005	98	16	9	
910506	2020	99	16	9	
910506	2035	100	16	9	
910506	2050	101	16	9	
910506	2065	102	16	9	
910506	2080	103	16	9	
910506	2095	104	16	9	
910506	2110	105	16	9	
910506	2125	106	16	9	
910506	2140	107	16	9	
910506	2155	108	16	9	
910506	2170	109	16	9	
910506	2185	110	16	9	
910506	2200	111	16	9	
910506	2215	112	16	9	
910506	2230	113	16	9	
910506	2245	114	16	9	
910506	2260	115	16	9	
910506	2275	116	16	9	
910506	2290	117	16	9	
910506	2305	118	16	9	
910506	2320	119	16	9	
910506	2335	120	16	9	
910506	2350	121	16	9	
910506	2365	122	16	9	
910506	2380	123	16	9	
910506	2395	124	16	9	
910506	2410	125	16	9	
910506	2425	126	16	9	
910506	2440	127	16	9	
910506	2455	128	16	9	
910506	2470	129	16	9	
910506	2485	130	16	9	
910506	2500	131	16	9	
910506	2515	132	16	9	
910506	2530	133	16	9	
910506	2545	134	16	9	
910506	2560	135	16	9	
910506	2575	136	16	9	
910506	2590	137	16	9	
910506	2605	138	16	9	
910506	2620	139	16	9	
910506	2635	140	16	9	
910506	2650	141	16	9	
910506	2665	142	16	9	
910506	2680	143	16	9	
910506	2695	144	16	9	
910506	2710	145	16	9	
910506	2725	146	16	9	
910506	2740	147	16	9	
910506	2755	148	16	9	
910506	2770	149	16	9	
910506	2785	150	16	9	
910506	2800	151	16	9	
910506	2815	152	16	9	
910506	2830	153	16	9	
910506	2845	154	16	9	
910506	2860	155	16	9	
910506	2875	156	16	9	
910506	2890	157	16	9	
910506	2905	158	16	9	
910506	2920	159	16	9	
910506	2935	160	16	9	
910506	2950	161	16	9	
910506	2965	162	16	9	
910506	2980	163	16	9	
910506	2995	164	16	9	
910506	3010	165	16	9	
910506	3025	166	16	9	
910506	3040	167	16	9	
910506	3055	168	16	9	
910506	3070	169	16	9	
910506	3085	170	16	9	
910506	3100	171	16	9	
910506	3115	172	16	9	
910506	3130	173	16	9	
910506	3145	174	16	9	
910506	3160	175	16	9	
910506	3175	176	16	9	
910506	3190	177	16	9	
910506	3205	178	16	9	
910506	3220	179	16	9	
910506	3235	180	16	9	
910506	3250	181	16	9	
910506	3265	182	16	9	
910506	3280	183	16	9	
910506	3295	184	16	9	
910506	3310	185	16	9	
910506	3325	186	16	9	
910506	3340	187	16	9	
910506	3355	188	16	9	
910506	3370	189	16	9	
910506	3385	190	16	9	
910506	3400	191	16	9	
910506	3415	192	16	9	
910506	3430	193	16	9	
910506	3445	194	16	9	
910506	3460	195	16	9	
910506	3475	196	16	9	
910506	3490	197	16	9	
910506	3505	198	16	9	
910506	3520	199	16	9	
910506	3535	200	16	9	
910506	3550	201	16	9	
910506	3565	202	16	9	
910506	3580	203	16	9	
910506	3595	204	16	9	
910506	3610	205	16	9	
910506	3625	206	16	9	
910506	3640	207	16	9	
910506	3655	208	16	9	
910506	3670	209	16	9	
910506	3685	210	16	9	
910506	3700	211	16	9	
910506	3715	212	16	9	
910506	3730	213	16	9	
910506	3745	214	16	9	
910506	3760	215	16	9	
910506	3775	216	16	9	
910506	3790	217	16	9	
910506	3805	218	16	9	
910506	3820				

Wal-Mart
W1, North Olmstead
Urban

Factored Driveway Traffic

W1 Time	09/30/96		09/24/96		09/25/96		09/26/96		09/27/96		09/28/96		09/29/96	
	Monday In	Monday Out	Tuesday In	Tuesday Out	Wednesday In	Wednesday Out	Thursday In	Thursday Out	Friday In	Friday Out	Saturday In	Saturday Out	Sunday In	Sunday Out
00:00:00	4	2	1	1	2	0	2	3	4	5	9	13	5	1
00:15:00	3	3	1	1	2	2	3	2	1	4	1	2	15	6
00:30:00	2	1	1	1	8	4	3	5	1	0	2	4	7	1
00:45:00	2	1	0	0	3	1	1	2	2	2	4	3	0	1
01:00:00	0	1	0	0	0	1	0	0	1	2	5	4	5	2
01:15:00	0	0	0	0	1	2	0	0	0	1	2	1	1	1
01:30:00	0	0	0	0	0	0	0	0	1	1	1	3	3	0
01:45:00	1	0	0	0	1	1	2	1	0	1	2	1	1	0
02:00:00	0	0	0	1	1	0	2	2	1	1	2	2	3	0
02:15:00	0	0	0	0	0	1	1	2	0	0	1	0	2	1
02:30:00	0	0	1	0	1	1	0	1	-1	2	1	4	1	2
02:45:00	0	0	1	1	0	1	0	0	1	1	1	2	2	2
03:00:00	0	0	2	1	1	1	0	0	1	0	0	2	5	2
03:15:00	0	0	1	0	0	0	0	0	0	0	1	2	0	1
03:30:00	0	0	0	0	0	1	0	0	0	0	2	2	1	0
03:45:00	0	0	0	0	1	1	1	1	0	0	0	1	3	0
04:00:00	0	1	0	1	0	1	1	1	0	0	0	0	0	0
04:15:00	2	2	0	1	0	1	0	0	0	0	0	0	3	0
04:30:00	0	0	0	0	1	1	3	1	2	2	1	2	4	1
04:45:00	4	3	2	0	5	3	2	2	1	6	2	3	1	0
05:00:00	3	1	6	1	7	0	5	1	6	2	3	1	0	1
05:15:00	4	0	2	0	1	0	4	0	2	0	2	0	1	0
05:30:00	0	0	1	1	1	1	2	1	2	1	2	0	1	0
05:45:00	6	3	6	2	4	1	1	1	3	0	1	0	0	0
06:00:00	10	1	10	0	13	3	13	2	6	1	1	0	0	0
06:15:00	2	2	6	2	5	5	4	0	5	2	2	3	5	1
06:30:00	7	4	4	4	4	3	7	6	3	3	8	6	4	4
06:45:00	11	7	12	3	13	9	11	14	17	6	7	7	10	6
07:00:00	14	7	14	7	11	9	10	10	13	14	6	8	14	2
07:15:00	12	5	20	11	13	10	12	3	10	13	14	6	10	1
07:30:00	26	11	17	14	14	10	20	11	17	10	5	6	3	3
07:45:00	13	13	25	16	15	20	13	16	17	14	15	12	10	8
08:00:00	25	15	22	13	17	16	23	12	15	10	10	7	12	6
08:15:00	11	18	23	10	18	13	19	8	13	12	15	8	13	14
08:30:00	12	12	23	21	20	11	18	22	27	22	11	11	9	10
08:45:00	21	17	23	16	24	16	36	19	18	24	17	22	20	24
09:00:00	31	29	27	25	22	18	32	31	24	19	33	27	23	18
09:15:00	33	23	39	34	28	27	30	30	28	17	44	37	28	21
09:30:00	56	48	55	49	43	25	29	28	39	33	39	34	41	25
09:45:00	45	42	40	42	44	42	56	53	49	41	66	57	36	37
10:00:00	63	59	70	65	44	41	37	36	56	57	65	55	51	38
10:15:00	61	55	87	81	41	51	51	45	59	57	85	83	46	44
10:30:00	51	59	56	60	53	51	66	55	65	69	93	96	80	61
10:45:00	63	55	77	74	60	54	50	54	47	59	108	97	79	70
11:00:00	76	73	56	58	57	68	47	66	38	54	130	141	92	98
11:15:00	61	65	73	88	59	61	58	56	48	55	113	103	87	97
11:30:00	88	74	87	69	86	66	73	72	64	67	106	112	85	91
11:45:00	105	106	91	84	57	82	66	81	88	74	137	116	94	82
12:00:00	81	78	94	85	74	53	69	81	66	82	131	136	101	111
12:15:00	83	89	101	102	79	72	68	59	69	82	140	138	107	120
12:30:00	83	86	93	98	59	83	71	79	78	99	162	144	103	123
12:45:00	90	85	84	88	69	59	87	81	94	80	194	164	115	137
13:00:00	89	104	78	81	66	67	77	75	90	85	167	177	169	173
13:15:00	83	64	50	53	81	80	74	91	96	98	147	156	141	159
13:30:00	79	89	74	84	58	64	58	69	81	81	165	153	144	147
13:45:00	72	71	73	75	65	56	73	78	87	102	170	182	138	167
14:00:00	80	71	77	69	67	78	58	59	90	95	154	163	124	160
14:15:00	68	73	72	75	62	60	54	57	84	77	167	183	136	127
14:30:00	88	81	75	98	75	78	61	60	81	93	148	154	137	149
14:45:00	88	89	53	69	64	71	61	69	75	79	147	135	163	151
15:00:00	81	73	53	70	63	57	55	55	85	98	143	149	153	139
15:15:00	78	75	67	63	37	52	55	59	75	89	143	147	135	126
15:30:00	66	67	64	66	73	68	66	73	62	78	129	123	119	123
15:45:00	87	86	84	76	57	80	69	71	79	82	144	124	120	128
16:00:00	74	67	51	57	49	60	73	61	72	78	126	110	111	124
16:15:00	81	81	69	75	77	77	60	68	69	77	117	124	146	132
16:30:00	85	77	55	51	42	46	59	60	75	72	138	120	101	104
16:45:00	80	77	70	72	78	53	79	74	59	85	124	113	112	97
17:00:00	68	89	56	58	53	72	72	73	75	80	112	104	117	111
17:15:00	82	84	60	64	59	71	75	69	78	81	110	116	115	94
17:30:00	82	81	78	83	66	62	70	89	83	101	105	99	111	81
17:45:00	101	93	72	74	71	66	75	96	84	96	91	98	94	98
18:00:00	86	76	64	74	62	63	51	68	90	74	108	111	95	82
18:15:00	84	89	54	66	68	72	80	73	82	75	100	93	73	72
18:30:00	80	100	84	75	67	77	69	80	101	93	148	108	103	88
18:45:00	92	99	68	61	75	81	80	79	80	91	98	102	60	71
19:00:00	98	112	75	86	89	85	74	89	91	85	117	102	75	71
19:15:00	106	126	73	76	64	69	80	95	92	105	99	101	71	93
19:30:00	86	89	80	79	68	73	77	73	61	75	100	100	60	59
19:45:00	80	80	83	77	56	65	79	78	72	80	78	88	61	65
20:00:00	88	84	65	80	51	54	57	64	65	80	67	79	43	56
20:15:00	61	71	52	63	50	61	54	66	66	77	63	68	56	54
20:30:00	76	82	43	62	43	51	57	44	64	63	67	61	36	38
20:45:00	44	47	57	45	45	39	37	36	49	52	62	57	34	32
21:00:00	50	54	48	54	47	39	38	51	61	68	58	49	14	18
21:15:00	40	35	36	40	65	50	59	54	58	60	61	32	24	26
21:30:00	40	31	23	42	30	33	35	27	59	46	54	41	18	9
21:45:00	43	42	23	27	32	32	41	44	41	48	39	36	37	21
22:00:00	12	21	20	25	18	25	23	30	30	49	43	33	23	13
22:15:00	14	11	10	25	13	23	16	24	21	29	16	16	26	15
22:30:00	8	14	11	23	10	25	14	17	11	37	24	16	15	7
22:45:00	8	10	13	18	11	9	9	14	17	21	23	21	11	7
23:00:00	10	9	5	10	9	12	4	7	8	15	16	14	4	4
23:15:00	7	11	2	7	7	11	6	9	2	22	12	12		

Wk	Weekday	Group Northern			Group Southern		
		WB	SB	NB	WB	SB	NB
92412	Monday	34	26	24	34	26	24
92412	Tuesday	34	26	24	34	26	24
92412	Wednesday	34	26	24	34	26	24
92412	Thursday	34	26	24	34	26	24
92412	Friday	34	26	24	34	26	24
92412	Saturday	34	26	24	34	26	24
92412	Sunday	34	26	24	34	26	24
92413	Monday	34	26	24	34	26	24
92413	Tuesday	34	26	24	34	26	24
92413	Wednesday	34	26	24	34	26	24
92413	Thursday	34	26	24	34	26	24
92413	Friday	34	26	24	34	26	24
92413	Saturday	34	26	24	34	26	24
92413	Sunday	34	26	24	34	26	24
92414	Monday	34	26	24	34	26	24
92414	Tuesday	34	26	24	34	26	24
92414	Wednesday	34	26	24	34	26	24
92414	Thursday	34	26	24	34	26	24
92414	Friday	34	26	24	34	26	24
92414	Saturday	34	26	24	34	26	24
92414	Sunday	34	26	24	34	26	24

Wk	Weekday	Date	Grand Northern		Berkshire		Edinburgh	
			9/24/10	9/24/11	9/24/11	9/24/12	9/24/11	9/24/12
1	Monday	Sept 20	21	41	19	12	6	16
2	Tuesday	Sept 21	20	40	18	11	5	14
3	Wednesday	Sept 22	19	39	17	10	5	14
4	Thursday	Sept 23	18	38	16	9	4	13
5	Friday	Sept 24	17	37	15	8	4	12
6	Saturday	Sept 25	16	36	14	7	3	11
7	Sunday	Sept 26	15	35	13	6	3	10
8	Monday	Sept 27	14	34	12	5	3	9
9	Tuesday	Sept 28	13	33	11	4	3	8
10	Wednesday	Sept 29	12	32	10	3	3	7
11	Thursday	Sept 30	11	31	9	2	3	6
12	Friday	Oct 1	10	30	8	1	2	5
13	Saturday	Oct 2	9	29	7	0	2	4
14	Sunday	Oct 3	8	28	6	0	2	3
15	Monday	Oct 4	7	27	5	0	2	2
16	Tuesday	Oct 5	6	26	4	0	2	1
17	Wednesday	Oct 6	5	25	3	0	2	0
18	Thursday	Oct 7	4	24	2	0	1	0
19	Friday	Oct 8	3	23	1	0	0	0
20	Saturday	Oct 9	2	22	0	0	0	0
21	Sunday	Oct 10	1	21	0	0	0	0
22	Monday	Oct 11	0	20	0	0	0	0
23	Tuesday	Oct 12	0	19	0	0	0	0
24	Wednesday	Oct 13	0	18	0	0	0	0
25	Thursday	Oct 14	0	17	0	0	0	0
26	Friday	Oct 15	0	16	0	0	0	0
27	Saturday	Oct 16	0	15	0	0	0	0
28	Sunday	Oct 17	0	14	0	0	0	0
29	Monday	Oct 18	0	13	0	0	0	0
30	Tuesday	Oct 19	0	12	0	0	0	0
31	Wednesday	Oct 20	0	11	0	0	0	0
1	Thursday	Oct 21	0	10	0	0	0	0
2	Friday	Oct 22	0	9	0	0	0	0
3	Saturday	Oct 23	0	8	0	0	0	0
4	Sunday	Oct 24	0	7	0	0	0	0
5	Monday	Oct 25	0	6	0	0	0	0
6	Tuesday	Oct 26	0	5	0	0	0	0
7	Wednesday	Oct 27	0	4	0	0	0	0
8	Thursday	Oct 28	0	3	0	0	0	0
9	Friday	Oct 29	0	2	0	0	0	0
10	Saturday	Oct 30	0	1	0	0	0	0
11	Sunday	Oct 31	0	0	0	0	0	0
12	Monday	Nov 1	0	0	0	0	0	0
13	Tuesday	Nov 2	0	0	0	0	0	0
14	Wednesday	Nov 3	0	0	0	0	0	0
15	Thursday	Nov 4	0	0	0	0	0	0
16	Friday	Nov 5	0	0	0	0	0	0
17	Saturday	Nov 6	0	0	0	0	0	0
18	Sunday	Nov 7	0	0	0	0	0	0
19	Monday	Nov 8	0	0	0	0	0	0
20	Tuesday	Nov 9	0	0	0	0	0	0
21	Wednesday	Nov 10	0	0	0	0	0	0
22	Thursday	Nov 11	0	0	0	0	0	0
23	Friday	Nov 12	0	0	0	0	0	0
24	Saturday	Nov 13	0	0	0	0	0	0
25	Sunday	Nov 14	0	0	0	0	0	0
26	Monday	Nov 15	0	0	0	0	0	0
27	Tuesday	Nov 16	0	0	0	0	0	0
28	Wednesday	Nov 17	0	0	0	0	0	0
29	Thursday	Nov 18	0	0	0	0	0	0
30	Friday	Nov 19	0	0	0	0	0	0
1	Saturday	Nov 20	0	0	0	0	0	0
2	Sunday	Nov 21	0	0	0	0	0	0
3	Monday	Nov 22	0	0	0	0	0	0
4	Tuesday	Nov 23	0	0	0	0	0	0
5	Wednesday	Nov 24	0	0	0	0	0	0
6	Thursday	Nov 25	0	0	0	0	0	0
7	Friday	Nov 26	0	0	0	0	0	0
8	Saturday	Nov 27	0	0	0	0	0	0
9	Sunday	Nov 28	0	0	0	0	0	0
10	Monday	Nov 29	0	0	0	0	0	0
11	Tuesday	Nov 30	0	0	0	0	0	0
12	Wednesday	Dec 1	0	0	0	0	0	0
13	Thursday	Dec 2	0	0	0	0	0	0
14	Friday	Dec 3	0	0	0	0	0	0
15	Saturday	Dec 4	0	0	0	0	0	0
16	Sunday	Dec 5	0	0	0	0	0	0
17	Monday	Dec 6	0	0	0	0	0	0
18	Tuesday	Dec 7	0	0	0	0	0	0
19	Wednesday	Dec 8	0	0	0	0	0	0
20	Thursday	Dec 9	0	0	0	0	0	0
21	Friday	Dec 10	0	0	0	0	0	0
22	Saturday	Dec 11	0	0	0	0	0	0
23	Sunday	Dec 12	0	0	0	0	0	0
24	Monday	Dec 13	0	0	0	0	0	0
25	Tuesday	Dec 14	0	0	0	0	0	0
26	Wednesday	Dec 15	0	0	0	0	0	0
27	Thursday	Dec 16	0	0	0	0	0	0
28	Friday	Dec 17	0	0	0	0	0	0
29	Saturday	Dec 18	0	0	0	0	0	0
30	Sunday	Dec 19	0	0	0	0	0	0
1	Monday	Dec 20	0	0	0	0	0	0
2	Tuesday	Dec 21	0	0	0	0	0	0
3	Wednesday	Dec 22	0	0	0	0	0	0
4	Thursday	Dec 23	0	0	0	0	0	0
5	Friday	Dec 24	0	0	0	0	0	0
6	Saturday	Dec 25	0	0	0	0	0	0
7	Sunday	Dec 26	0	0	0	0	0	0
8	Monday	Dec 27	0	0	0	0	0	0
9	Tuesday	Dec 28	0	0	0	0	0	0
10	Wednesday	Dec 29	0	0	0	0	0	0
11	Thursday	Dec 30	0	0	0	0	0	0
12	Friday	Dec 31	0	0	0	0	0	0

Wal-Mart
W3, Ashtabula
Small/Rural

Factored Driveway Traffic

W3 Time	09/23/96		09/17/96		09/18/96		09/19/96		09/20/96		09/21/96		09/22/96				
	Monday	In	Tuesday	In	Out	Wednesday	In	Out	Thursday	In	Out	Saturday	In	Out	Sunday	In	Out
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:45	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:30	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:45	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
04:45	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0
05:00	0	14	0	8	2	10	0	9	0	9	1	0	11	0	0	0	0
05:15	0	1	0	1	1	1	0	1	0	4	0	1	0	0	0	0	0
05:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45	0	2	0	1	0	1	0	2	1	1	3	0	1	0	0	0	0
06:00	0	16	1	16	0	14	1	18	0	18	0	0	0	0	0	0	0
06:15	6	8	1	5	6	7	5	1	5	4	1	2	0	0	0	0	0
06:30	2	1	4	3	0	0	0	3	1	2	2	0	0	0	0	0	0
06:45	0	4	4	5	6	4	4	3	3	2	3	5	0	0	0	0	0
07:00	0	16	2	14	1	14	0	11	4	15	1	14	1	1	1	1	1
07:15	1	10	1	4	10	10	5	9	4	9	7	6	0	0	0	0	0
07:30	5	8	11	4	8	5	7	9	9	9	5	10	0	2	2	0	0
07:45	3	12	5	15	2	12	5	6	11	11	5	6	1	8	0	0	0
08:00	4	17	7	11	8	20	4	15	5	14	8	11	5	18	0	0	0
08:15	0	13	6	18	8	20	3	10	5	13	4	7	1	7	0	0	0
08:30	5	4	6	9	8	17	8	15	13	18	4	12	6	10	0	0	0
08:45	8	20	6	12	9	20	8	11	9	15	10	21	6	8	0	0	0
09:00	7	19	7	22	8	23	7	18	17	29	8	28	7	7	7	7	7
09:15	10	21	18	24	7	27	13	30	22	23	17	26	6	17	0	0	0
09:30	11	27	11	14	19	27	18	25	14	35	17	16	9	9	9	9	9
09:45	16	33	13	32	23	42	30	29	26	57	26	29	9	21	0	0	0
10:00	27	44	23	36	27	38	24	46	38	47	21	39	16	23	0	0	0
10:15	39	30	21	36	46	32	23	38	33	40	35	48	11	32	0	0	0
10:30	28	39	35	39	52	41	31	35	39	48	37	49	19	34	0	0	0
10:45	47	46	42	42	40	36	42	43	47	54	33	60	25	44	0	0	0
11:00	36	53	30	38	33	46	28	53	43	57	42	66	33	53	0	0	0
11:15	50	49	27	43	36	55	37	52	55	61	55	74	38	56	0	0	0
11:30	37	41	42	44	49	35	50	32	45	59	59	63	40	46	0	0	0
11:45	44	49	41	54	45	51	44	34	42	64	59	69	48	42	0	0	0
12:00	39	40	44	43	35	45	40	47	66	46	60	66	38	55	0	0	0
12:15	35	58	49	60	39	47	41	45	50	58	55	58	39	51	0	0	0
12:30	64	55	35	56	47	55	39	48	60	69	62	63	50	63	0	0	0
12:45	52	54	40	49	44	46	35	42	60	64	67	66	68	87	0	0	0
13:00	76	35	57	46	52	28	60	38	53	46	59	87	60	85	0	0	0
13:15	52	44	68	56	39	54	42	61	58	51	68	65	79	60	0	0	0
13:30	50	54	39	44	49	42	43	40	48	54	62	60	62	69	0	0	0
13:45	48	53	58	62	35	43	38	43	44	60	77	53	72	76	0	0	0
14:00	51	43	39	44	40	59	43	41	56	59	51	88	84	85	0	0	0
14:15	64	54	48	39	52	42	38	42	64	66	69	60	69	66	0	0	0
14:30	45	46	43	48	49	43	57	30	53	48	60	64	62	82	0	0	0
14:45	57	46	35	57	47	37	36	47	42	43	80	61	70	73	0	0	0
15:00	54	42	57	66	43	45	52	32	57	59	68	70	64	64	0	0	0
15:15	57	40	56	49	52	36	40	41	50	50	75	57	84	62	0	0	0
15:30	58	43	62	42	45	28	41	36	63	26	62	68	74	69	0	0	0
15:45	60	44	51	40	43	36	47	45	52	43	51	61	65	69	0	0	0
16:00	33	50	57	77	37	50	36	42	46	45	59	61	74	56	0	0	0
16:15	54	40	56	36	50	40	45	46	44	59	80	64	72	69	0	0	0
16:30	50	41	48	41	38	36	48	49	60	50	64	61	65	62	0	0	0
16:45	53	56	43	35	42	41	51	35	51	61	68	74	53	55	0	0	0
17:00	54	63	52	47	42	43	38	39	44	64	60	52	68	62	0	0	0
17:15	43	39	49	34	38	43	37	42	46	60	66	65	90	37	0	0	0
17:30	49	65	37	41	44	41	45	52	59	46	56	45	84	34	0	0	0
17:45	51	43	39	50	40	37	44	38	35	59	59	66	63	28	0	0	0
18:00	39	41	45	35	38	29	45	33	58	52	58	39	67	42	0	0	0
18:15	46	36	46	32	33	40	39	44	63	41	66	61	51	45	0	0	0
18:30	49	44	41	40	35	44	43	36	55	51	48	40	46	30	0	0	0
18:45	40	45	43	33	42	42	43	44	52	73	49	52	51	24	0	0	0
19:00	38	42	42	31	44	32	33	52	52	67	52	53	48	31	0	0	0
19:15	53	50	40	40	36	57	39	62	47	53	46	30	22	0	0	0	0
19:30	48	44	49	40	37	38	48	33	55	72	51	65	41	18	0	0	0
19:45	48	42	42	31	41	36	49	37	49	70	59	37	26	16	0	0	0
20:00	37	38	39	30	41	22	27	41	83	56	41	39	37	17	0	0	0
20:15	36	32	49	22	43	37	35	27	47	61	51	33	22	19	0	0	0
20:30	40	27	30	24	34	29	38	31	54	29	37	32	18	20	0	0	0
20:45	38	15	23	24	35	24	33	28	78	42	32	35	25	5	0	0	0
21:00	29	31	24	20	17	14	31	26	59	29	30	37	14	10	0	0	0
21:15	17	20	18	18	27	16	25	18	42	41	34	34	15	9	0	0	0
21:30	25	15	25	15	16	16	27	20	35	19	32	20	5	13	0	0	0
21:45	22	16	17	9	16	11	21	9	35	19	32	14	2	5	0	0	0</td

Adjacent Stream Volumes

Wal-Mart
W4, Bryan
Small/Rural

Factored

Driveway Traffic

W4 Time	11/18/96		11/19/96		11/20/96		11/21/96		11/22/96		11/16/96		11/17/96	
	Monday In	Out	Tuesday In	Out	Wednesday In	Out	Thursday In	Out	Friday In	Out	Saturday In	Out	Sunday In	Out
00:00:00	0	7	0	0	0	0	0	0	0	2	4	4	0	0
00:15:00	0	0	0	0	0	0	0	0	0	0	1	7	0	0
00:30:00	0	0	0	0	0	0	0	0	0	2	1	3	1	0
00:45:00	0	1	0	2	0	0	0	1	2	0	1	4	0	0
01:00:00	1	1	0	2	0	0	0	0	0	0	0	1	1	0
01:15:00	1	2	0	0	0	0	0	0	0	0	0	0	0	0
01:30:00	0	0	2	3	0	0	0	0	1	0	4	0	0	0
01:45:00	2	1	0	0	0	0	0	0	1	2	1	2	0	0
02:00:00	0	0	0	0	0	0	0	0	2	2	0	2	0	0
02:15:00	0	1	0	0	0	0	2	0	0	0	0	1	0	0
02:30:00	1	0	0	0	0	0	1	1	0	0	1	2	0	0
02:45:00	0	0	0	4	0	0	0	0	0	0	0	0	0	0
03:00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:15:00	0	0	0	0	0	0	1	0	3	0	0	0	0	0
03:30:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0
03:45:00	0	0	0	0	0	0	0	1	0	0	1	0	0	2
04:00:00	0	0	1	0	0	0	0	3	0	1	0	0	0	0
04:15:00	1	0	0	0	0	1	1	0	1	2	0	0	0	0
04:30:00	0	0	0	2	0	0	0	0	0	1	0	0	0	0
04:45:00	0	0	0	2	1	1	0	0	1	0	1	0	0	0
05:00:00	1	0	0	0	2	0	1	0	0	0	0	0	0	1
05:15:00	0	0	0	4	1	1	1	0	0	1	1	0	0	5
05:30:00	2	2	1	0	3	0	1	0	5	1	1	2	0	0
05:45:00	7	2	11	2	7	5	11	2	7	1	3	0	0	0
06:00:00	11	13	6	4	16	11	4	7	8	5	1	0	2	2
06:15:00	2	4	6	3	4	7	4	4	6	2	3	8	0	0
06:30:00	8	5	9	14	10	3	10	7	3	2	6	7	0	1
06:45:00	9	4	15	14	23	7	17	17	17	13	13	8	2	1
07:00:00	11	4	9	9	18	12	17	7	7	14	6	5	0	0
07:15:00	13	21	8	10	12	25	6	17	6	11	12	7	2	5
07:30:00	5	10	6	11	9	5	12	10	11	19	10	9	7	4
07:45:00	14	15	15	20	11	4	18	12	19	19	12	14	10	1
08:00:00	12	13	16	8	17	15	17	20	23	14	15	14	2	0
08:15:00	12	16	10	8	20	17	18	11	21	15	25	9	5	0
08:30:00	6	8	18	9	21	20	25	25	32	20	31	11	17	12
08:45:00	23	17	28	11	24	24	31	19	56	16	36	24	14	7
09:00:00	37	11	35	26	31	39	35	26	50	27	34	16	22	9
09:15:00	39	41	39	19	33	38	30	26	55	33	54	28	29	13
09:30:00	40	26	30	39	35	36	40	27	55	57	53	39	27	24
09:45:00	49	37	34	25	37	32	45	28	51	41	51	57	36	19
10:00:00	48	50	42	34	40	47	46	24	47	45	86	41	40	25
10:15:00	52	24	41	29	46	41	61	27	47	57	75	45	44	31
10:30:00	50	57	55	43	55	41	53	33	54	36	75	74	50	38
10:45:00	58	43	52	46	53	35	50	34	61	28	106	46	45	31
11:00:00	50	71	57	50	48	44	58	55	53	52	94	64	46	39
11:15:00	40	53	63	44	55	77	49	50	71	57	105	87	35	41
11:30:00	40	53	50	41	46	62	53	45	67	66	88	76	47	32
11:45:00	52	46	53	41	39	57	48	52	71	56	82	83	58	34
12:00:00	59	59	52	46	57	48	64	38	75	85	89	70	60	50
12:15:00	61	53	63	41	56	56	63	37	57	69	77	59	69	47
12:30:00	68	44	65	52	48	48	68	58	56	85	76	66	75	46
12:45:00	46	61	55	59	59	57	63	44	63	68	100	37	95	62
13:00:00	25	70	52	38	48	51	43	52	74	50	82	33	66	50
13:15:00	30	89	42	48	63	43	62	46	63	51	86	57	90	68
13:30:00	47	36	70	31	52	55	42	59	58	62	101	70	85	65
13:45:00	50	39	54	43	61	33	72	52	58	68	72	92	107	48
14:00:00	48	51	43	48	51	61	59	56	75	62	81	73	92	73
14:15:00	56	39	46	44	51	57	57	55	51	72	91	76	76	60
14:30:00	43	40	64	47	54	49	58	44	59	55	100	63	88	69
14:45:00	54	55	33	62	57	45	40	63	52	68	95	66	89	59
15:00:00	45	44	57	44	53	64	55	34	52	74	74	84	71	98
15:15:00	46	75	52	59	39	68	40	53	59	77	75	58	85	55
15:30:00	75	63	60	48	78	51	68	41	55	66	65	65	77	66
15:45:00	69	56	60	50	54	57	64	63	55	76	74	96	90	52
16:00:00	56	59	53	69	56	46	48	75	78	62	66	69	68	82
16:15:00	44	56	46	63	50	86	70	43	64	78	52	59	69	60
16:30:00	60	64	54	56	66	36	64	55	67	57	63	64	74	65
16:45:00	48	61	60	61	59	52	62	45	83	55	64	70	72	46
17:00:00	77	60	63	50	52	65	72	48	72	68	68	64	55	84
17:15:00	60	51	52	55	42	61	66	55	87	66	92	49	37	66
17:30:00	45	46	43	49	52	64	52	61	62	92	54	78	40	55
17:45:00	36	68	40	61	38	51	61	57	77	74	56	68	35	61
18:00:00	29	64	46	60	40	51	50	49	68	77	35	65	58	37
18:15:00	43	52	36	65	32	41	53	72	68	63	51	64	30	52
18:30:00	33	52	42	55	39	44	48	75	74	68	40	58	30	45
18:45:00	35	44	31	49	45	36	41	52	66	74	42	52	21	43
19:00:00	41	53	35	44	38	55	44	55	53	73	49	50	31	33
19:15:00	29	37	30	48	28	49	41	56	65	50	36	52	31	43
19:30:00	20	50	38	46	35	49	37	60	86	57	51	47	24	33
19:45:00	31	43	19	36	26	38	41	46	55	70	37	50	19	31
20:00:00	33	31	19	40	20	63	38	39	56	66	29	47	23	28
20:15:00	21	32	24	41	23	29	23	44	40	78	29	50	13	31
20:30:00	13	35	17	39	18	37	21	31	39	59	27	44	14	23
20:45:00	15	14	8	24	8	23	12	41	34	63	17	24	9	24
21:00:00	13	29	10	15	8	20	16	24	29	41	18	31	10	21
21:15:00	11	22	9	17	11	13	15	20	22	55	13	28	6	13
21:30:00	11	15	6	16	4	7	17	26	21	34	14	24	4	13
21:45:00	6	15	7	9	6	12	10	16	10	29	5	28	3	5
22:00:00	2	5	5	11	2	9	6	12	15	26	4	12	1	5
22:15:00	2	3	2	7	4	4	4	4	9	17	3	16	2	0
22:30:00	2	2	3	4	3	1	3	5	9	17	2	4	4	19
22:45:00	2	4	2	8	1	4	6	10	4	14	1	2	1	7
23:00:00	0	11	1	9	1	13	4	7	1	16	0	25	0	5
23:15:00	1	9	0	3	2	9	2	19	2	17	1	8	0	0
23:30:00	1	7	0	4	0	3	3	15	2	9	0	3	0	0

Factored Driveway Traffic

W5 Time	10/07/96		10/08/96		10/09/96		10/10/96		10/04/96		10/05/96		10/06/96	
	Mon IN	Mon Out	Tue IN	Tue Out	Wed IN	Wed Out	Thur IN	Thur Out	Fri IN	Fri Out	Sat IN	Sat Out	Sun IN	Sun Out
01:00	2	1	0	0	4	6	3	11	3	5	3	3	4	11
01:15	2	14	2	1	0	3	0	3	1	3	3	8	1	3
01:30	1	2	2	4	1	1	1	0	0	4	5	5	1	2
01:45	2	1	0	4	2	3	1	3	2	4	1	6	2	3
02:00	1	3	0	0	0	0	0	0	0	4	0	0	1	2
02:15	0	2	0	0	1	5	0	4	1	1	3	4	1	0
02:30	0	0	1	6	0	0	0	3	2	0	0	0	0	1
02:45	0	0	0	0	0	0	0	0	0	0	0	1	1	0
03:00	0	0	1	1	0	0	1	0	0	0	1	2	2	3
03:15	0	0	2	1	0	0	0	0	0	1	1	1	1	4
03:30	2	1	0	1	0	0	2	0	0	0	2	7	0	1
03:45	0	0	0	0	2	1	0	1	4	1	0	0	1	1
04:00	1	2	2	3	2	3	0	0	0	0	2	0	3	3
04:15	0	0	0	0	0	0	3	4	0	0	0	0	0	0
04:30	0	2	0	0	1	1	0	0	1	1	1	3	0	0
04:45	4	2	3	1	4	1	0	0	0	0	7	4	3	0
05:00	3	2	0	0	2	2	0	0	0	0	3	4	0	0
05:15	0	0	0	0	2	3	0	0	0	0	1	0	0	0
05:30	3	3	3	1	4	6	4	2	0	2	2	0	2	4
05:45	3	1	0	3	2	4	2	2	5	2	0	0	0	0
06:00	1	0	0	0	1	1	0	0	0	0	0	1	0	0
06:15	2	1	3	1	0	3	3	2	1	1	0	0	0	0
06:30	0	1	2	3	2	2	3	5	2	3	1	2	1	1
06:45	9	2	10	1	10	1	12	0	10	2	4	2	5	0
07:00	7	5	8	0	7	2	8	3	5	2	0	1	1	1
07:15	2	2	7	3	1	2	4	5	3	4	2	1	0	0
07:30	4	5	5	6	5	9	7	7	7	4	0	4	3	2
07:45	17	3	14	5	23	7	17	7	14	6	16	4	8	11
08:00	14	9	22	9	15	11	22	10	16	7	11	13	7	6
08:15	14	16	20	16	17	18	23	10	24	6	13	4	5	6
08:30	11	15	22	14	14	16	10	18	20	22	12	6	2	5
08:45	17	14	19	26	17	15	22	17	12	17	10	15	9	8
09:00	13	17	14	19	8	13	20	11	22	19	24	13	4	2
09:15	21	18	15	10	12	15	23	18	11	14	17	11	11	8
09:30	10	18	19	13	20	12	22	19	25	12	29	18	23	11
09:45	27	12	25	16	23	17	29	19	33	23	44	18	12	12
10:00	27	15	34	21	20	16	31	15	28	18	59	42	41	16
10:15	28	30	37	23	34	34	29	27	35	30	37	36	32	31
10:30	44	22	36	32	25	22	25	35	31	23	55	51	40	35
10:45	35	48	26	38	37	27	35	27	46	26	72	47	49	34
11:00	44	30	45	27	36	29	37	33	50	35	69	68	62	40
11:15	62	29	39	29	43	30	43	36	48	45	69	61	68	43
11:30	40	55	47	52	46	38	34	32	44	65	87	57	80	64
11:45	47	42	55	45	44	31	49	40	51	35	107	86	94	81
12:00	45	50	52	55	51	57	26	41	44	43	87	74	85	76
12:15	43	40	33	48	45	51	45	48	76	48	90	96	88	71
12:30	36	42	56	51	58	52	53	41	64	65	87	91	88	85
12:45	60	50	57	44	60	50	70	50	68	69	136	94	95	105
13:00	56	50	61	42	76	60	65	51	65	46	106	112	114	102
13:15	58	44	57	61	63	71	53	68	63	62	113	100	107	89
13:30	66	61	68	61	51	59	61	59	76	82	89	114	112	100
13:45	50	70	51	64	60	65	52	70	70	73	75	79	85	105
14:00	64	43	41	75	57	70	73	55	70	61	92	94	100	115
14:15	57	71	57	53	61	70	58	71	63	69	100	103	108	96
14:30	63	71	46	51	63	64	59	48	75	72	77	75	90	116
14:45	49	41	47	40	69	79	66	70	51	55	87	67	101	105
15:00	65	66	55	53	64	62	55	52	72	64	90	96	105	79
15:15	59	62	62	49	77	83	74	59	90	67	73	95	97	79
15:30	72	72	63	63	72	67	64	47	70	76	82	63	101	128
15:45	55	59	58	61	52	72	45	57	75	88	69	77	96	103
16:00	48	65	45	59	48	63	59	73	74	93	102	77	86	92
16:15	64	74	50	76	78	73	57	59	70	84	84	91	94	93
16:30	73	72	52	57	48	46	76	48	75	66	90	80	75	89
16:45	64	71	98	64	59	67	66	52	80	82	93	88	93	98
17:00	63	89	64	64	71	59	72	47	84	93	98	82	93	87
17:15	74	82	87	82	57	68	76	73	97	83	96	91	97	88
17:30	70	73	70	72	55	83	86	63	97	78	95	96	74	86
17:45	58	63	59	73	68	57	89	61	76	73	94	91	78	88
18:00	83	71	63	104	64	56	66	65	98	97	80	93	68	82
18:15	62	74	71	71	60	74	90	57	68	95	92	77	46	69
18:30	56	66	50	72	73	71	64	62	76	84	100	102	65	58
18:45	64	65	56	74	50	70	81	55	72	75	70	116	76	69
19:00	56	80	64	78	78	52	53	80	50	94	73	65	87	66
19:15	58	53	59	56	56	74	77	63	69	77	75	65	51	59
19:30	51	61	69	59	69	55	85	60	73	72	63	68	59	66
19:45	61	58	65	55	62	62	51	69	72	64	63	74	68	57
20:00	68	55	74	87	87	68	77	50	60	62	80	74	61	58
20:15	56	71	71	78	61	69	69	60	74	57	51	83	73	59
20:30	62	60	81	67	64	72	59	45	60	64	51	64	56	80
20:45	62	75	61	85	58	58	76	50	75	63	50	56	55	64
21:00	55	45	53	62	53	74	78	56	47	65	63	53	48	53
21:15	57	60	47	50	62	51	51	56	56	55	45	54	39	55
21:30	38	55	47	45	52	42	55	36	55	54	59	40	39	42
21:45	37	49	37	61	43	54	39	43	40	48	38	47	41	45
22:00	33	44	33	45	41	53	45	37	43	48	40	42	21	54
22:15	28	39	20	33	40	51	33	47	40	44	28	40	29	22
22:30	26	33	24	33	36	53	36	35	43	51	27	48	24	32
22:45	21	30	24	29	28	44	28	33	32	44	36	34	21	30
23:00	22	23	22	21	28	24	37	35	26	42	32	42	14	28
23:15	24	25	27	20	28	32	27	32	36	31	31	36	34	33
23:30	15	25	26	31	15	25	22	24	24	40	21	31	22	21
23:45	14	24	5	34	15	17	15	25	12	23	17	17	17	39
1	4	16	9	20	5	25	7	17	11	37	10	26	5	11
1.010417	5	17	2	4	4	5	2	6	9	22	13	15	5	6
1.020833	5	9	2	8	1	0	3	12	4	12	7	7	1	0
1.03125	3	4	2	6	0	3	0	4	2	3	5	18	5	2

Total In/Out Tot 3061 3209 3091 3238 3162 3290 3402 2997 3673 3646 4297 4247 3957 4027
6270 6329 6452 6398 7319

Spring Showers																	
Wk	Friday	Spring Showers		Local Shows													
		Wk	Day	Wk	Day	Wk	Day	Wk	Day	Wk	Day	Wk	Day	Wk	Day	Wk	Day
10/11/2018	130	14	12	13	10	20	11	10	12	22	24	11	11	10	10	10	10
10/11/2018	130	15	13	14	11	19	12	10	12	22	24	11	11	10	10	10	10
10/11/2018	130	16	14	15	12	20	13	11	12	22	24	11	11	10	10	10	10
10/11/2018	130	17	15	16	13	21	14	12	12	22	24	11	11	10	10	10	10
10/11/2018	130	18	16	17	14	22	15	13	12	22	24	11	11	10	10	10	10
10/11/2018	130	19	17	18	15	23	16	14	12	22	24	11	11	10	10	10	10
10/11/2018	130	20	18	19	16	24	17	15	12	22	24	11	11	10	10	10	10
10/11/2018	130	21	19	20	17	25	18	16	12	22	24	11	11	10	10	10	10
10/11/2018	130	22	20	21	18	26	19	17	12	22	24	11	11	10	10	10	10
10/11/2018	130	23	21	22	19	27	20	18	12	22	24	11	11	10	10	10	10
10/11/2018	130	24	22	23	20	28	21	19	12	22	24	11	11	10	10	10	10
10/11/2018	130	25	23	24	21	29	22	20	12	22	24	11	11	10	10	10	10
10/11/2018	130	26	24	25	22	30	23	21	12	22	24	11	11	10	10	10	10
10/11/2018	130	27	25	26	23	31	24	22	12	22	24	11	11	10	10	10	10
10/11/2018	130	28	26	27	24	32	25	23	12	22	24	11	11	10	10	10	10
10/11/2018	130	29	27	28	25	33	26	24	12	22	24	11	11	10	10	10	10
10/11/2018	130	30	28	29	26	34	27	25	12	22	24	11	11	10	10	10	10
10/11/2018	130	31	29	30	27	35	28	26	12	22	24	11	11	10	10	10	10
10/11/2018	130	32	30	31	28	36	29	27	12	22	24	11	11	10	10	10	10
10/11/2018	130	33	31	32	29	37	30	28	12	22	24	11	11	10	10	10	10
10/11/2018	130	34	32	33	30	38	31	29	12	22	24	11	11	10	10	10	10
10/11/2018	130	35	33	34	31	39	32	30	12	22	24	11	11	10	10	10	10
10/11/2018	130	36	34	35	32	40	33	31	12	22	24	11	11	10	10	10	10
10/11/2018	130	37	35	36	33	41	34	32	12	22	24	11	11	10	10	10	10
10/11/2018	130	38	36	37	34	42	35	33	12	22	24	11	11	10	10	10	10
10/11/2018	130	39	37	38	35	43	36	34	12	22	24	11	11	10	10	10	10
10/11/2018	130	40	38	39	36	44	37	35	12	22	24	11	11	10	10	10	10
10/11/2018	130	41	39	40	37	45	38	36	12	22	24	11	11	10	10	10	10
10/11/2018	130	42	40	41	38	46	39	37	12	22	24	11	11	10	10	10	10
10/11/2018	130	43	41	42	39	47	40	38	12	22	24	11	11	10	10	10	10
10/11/2018	130	44	42	43	40	48	41	39	12	22	24	11	11	10	10	10	10
10/11/2018	130	45	43	44	41	49	42	40	12	22	24	11	11	10	10	10	10
10/11/2018	130	46	44	45	42	50	43	41	12	22	24	11	11	10	10	10	10
10/11/2018	130	47	45	46	43	51	44	42	12	22	24	11	11	10	10	10	10
10/11/2018	130	48	46	47	44	52	45	43	12	22	24	11	11	10	10	10	10
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10/11/2018	130	50	48	49	46	54	47	45	12	22	24	11	11	10	10	10	10
10/11/2018	130	51	49	50	47	55	48	46	12	22	24	11	11	10	10	10	10
10/11/2018	130	52	50	51	48	56	49	47	12	22	24	11	11	10	10	10	10
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10/11/2018	130	54	52	53	50	58	51	49	12	22	24	11	11	10	10	10	10
10/11/2018	130	55	53	54	51	59	52	50	12	22	24	11	11	10	10	10	10
10/11/2018	130	56	54	55	52	60	53	51	12	22	24	11	11	10	10	10	10
10/11/2018	130	57	55	56	53	61	54	52	12	22	24	11	11	10	10	10	10
10/11/2018	130	58	56	57	54	62	55	53	12	22	24	11	11	10	10	10	10
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10/11/2018	130	68	66	67	64	72	65	63	12	22	24	11	11	10	10	10	10
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10/11/2018	130	74	72	73	70	78	71	69	12	22	24	11	11	10	10	10	10
10/11/2018	130	75	73	74	71	79	72	70	12	22	24	11	11	10	10	10	10
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10/11/2018	130	77	75	76	73	81	74	72	12	22	24	11	11	10	10	10	10
10/11/2018	130	78	76	77	74	82	75	73	12	22	24	11	11	10	10	10	10
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10/11/2018	130	95	93	94	91	99	92	90	12	22	24	11	11	10	10	10	10
10/11/2																	

