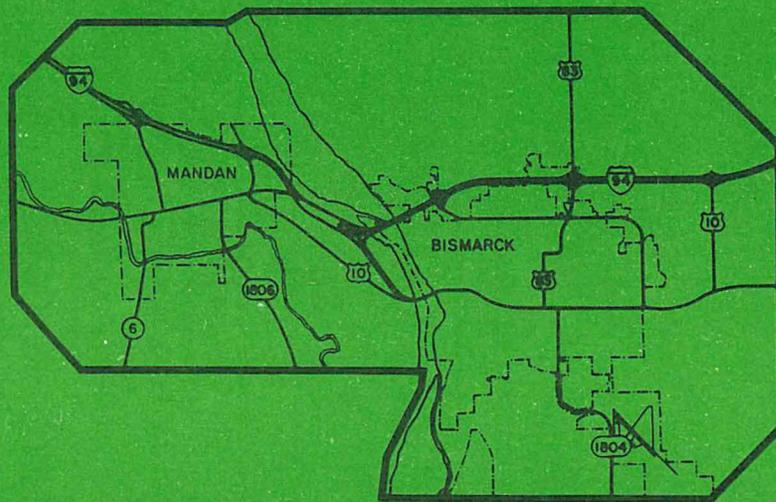


# BISMARCK - MANDAN



1968 TRAFFIC CHARACTERISTICS

URBAN AREA  
TRANSPORTATION STUDY

BISMARCK - MANDAN

1968 TRAFFIC CHARACTERISTICS

A Memorandum Report  
of the Bismarck - Mandan Urban Area  
Transportation Study

prepared by

NORTH DAKOTA STATE HIGHWAY DEPARTMENT

PLANNING AND RESEARCH DIVISION

in cooperation with

U. S. Department of Transportation

Federal Highway Administration

CONTENTS

	<u>Page</u>
Summary-----	v
Introduction-----	1
Study Area Identification-----	2
Sample Size-----	7
Coding and Accuracy Check-----	7
Coding and Editing-----	7
Screenline Check-----	8
External Cordon Check-----	11
Traffic Volumes-----	11
Average Daily Volumes-----	11
Variations in Volume-----	12
Accumulation of Vehicles in the Central Business District-----	19
Travel Time Study-----	21
Trip Characteristics-----	21
Trip Production and Mode of Travel-----	22
Trip Purpose-----	22
Zone to Zone Movements-----	30
Trip Ends in Each Zone-----	30
Trips to and from the Central Business District-----	31
Trips to Other Zones of High Attraction-----	31
Through Trips-----	32
Appendix (Tabulations of Data and Sample Interview Forms)-----	47

## GRAPHS

<u>Graph</u>	<u>Page</u>
1 and 2    Screenline Comparisons -----	9 and 10
3 and 4    Variations in Traffic Volumes -----	17 and 18
5           Accumulation of Trips in the Central Business Districts	20
6           Modes of Travel -----	27
7           Trip Purposes -----	29

## MAPS

<u>Map</u>	<u>Page</u>
1           Bismarck - Mandan Region-----	vi
2           Traffic Zones -----	3
3           1968 Summer Weekday Traffic -----	13
4           Average Travel Speeds -----	23
5           Trip Ends in Each Traffic Zone -----	33
6           Trips to and from the Bismarck Central Business District	37
7           Trips to and from the Mandan Central Business District-	41
8           Trips Between External Stations -----	45

## TEXT TABLES

<u>Table</u>	<u>Page</u>
1           Accumulation of Trips in the Central Business Districts	18
2           Trip Production -----	27
3           Person and Vehicle Trips Summary -----	28
4           Trips to and from Zones of Special Attraction -----	32

APPENDIX TABLES

<u>Table</u>	<u>Page</u>
A- 1 Comparison of Trips Crossing the River Screenline (Original)---	A- 1
A- 2 Comparison of Trips Crossing the River Screenline (Factored)---	A- 2
A- 3 Comparison of Trips Crossing the Bismarck Screenline (Original)	A- 3
A- 4 Comparison of Trips Crossing the Bismarck Screenline (Factored)	A- 4
A- 5 Comparison of Trips Crossing the Mandan Screenline (Original)--	A- 5
A- 6 Comparison of Trips Crossing the Mandan Screenline (Factored)--	A- 6
A- 7 Passenger Car Trips Crossing External Cordon Line (Initial)-----	A- 7
A- 8 Passenger Car Trips Crossing External Cordon Line (Adjusted)---	A- 8
A- 9 Truck Trips Crossing External Cordon Line (Initial)-----	A- 9
A-10 Truck Trips Crossing External Cordon Line (Adjusted)-----	A-10
A-11 Passenger Car and Truck Trips Crossing External Cordon Line (Initial)-----	A-11
A-12 Passenger Car and Truck Trips Crossing External Cordon Line (Adjusted)-----	A-12
A-13 Dwelling Unit Summary-----	A-13
A-14 Trip Purpose - Home Interview Survey (Auto Drivers)-----	A-23
A-15 Trip Purpose - Home Interview Survey (Auto Passengers)-----	A-24
A-16 Trip Purpose - Home Interview Survey (Truck Passengers)-----	A-25
A-17 Trip Purpose - Home Interview Survey (Taxi Passengers)-----	A-26
A-18 Trip Purpose - Home Interview Survey (Transit Passengers)-----	A-27
A-19 Trip Purpose - Home Interview Survey (School Bus Passengers)---	A-28
A-20 Trip Purpose - Home Interview Survey (Walk Trips)-----	A-29
A-21 Trip Purpose - Home Interview Survey (All Modes)-----	A-30
A-22 Trip Purpose - External Cordon Survey (Passenger Cars)-----	A-31
A-23 Trip Purpose - External Cordon Survey (Trucks)-----	A-32

A-24	Trip Purpose - External Cordon Survey (Passenger Cars and Trucks	A-33
A-25	Vehicle Trip Ends - Internal Zones-----	A-34
A-26	Vehicle Trip Ends - External Stations-----	A-43
A-27	1968 Trips Between Internal Zones-----	A-44
A-28	1968 Trips Between External Stations and Internal Zones-----	A-66
A-29	1968 Trips Between External Stations-----	A-70

## SUMMARY

The aggregate of Bismarck-Mandan traffic was shown by the 1968 origin-destination study to consist of 143,767 vehicle trips per day. About 115,100 of these were passenger car trips, 28,000 were truck trips, and the remainder were bus and taxi trips. All but 2,000 of these trips had at least one end in the study area. Approximately 127,600 trips had both ends in the study area and 14,100 had one end in the study area.

Trip production per person, per car owned, and per dwelling unit were similar to other cities in North Dakota of similar size which have been previously studied. In an average 24-hour day, vehicle trip production was 2.8 trips per person, 7.1 trips per car owned, and 9.6 trips per dwelling unit. About 70% of auto driver trips either began or ended at home. Their most usual purpose was work, which accounted for 29% of all trips. Other frequent trip purposes were for social-recreation (22% of all trips) and shopping (15% of all trips). Business was the purpose of 19% of auto-driver trips crossing the cordon line but only 13% of corresponding internal trips.

The principal terminal areas for both passenger car and truck trips are the Bismarck and Mandan central business districts. These two areas of about 150 total acres are the origin or destination for 21% of all trips in the study area. The remaining trip termini are dispersed throughout the urban area with significant concentrations at the North Dakota State Capitol Grounds.

In a special analysis of the accumulation of vehicles in the central business districts, it was found that hourly accumulation varies from a minimum of 1,000 vehicles to a maximum of 2,600 vehicles in the Bismarck central business district during the time period 9 A.M. to 4 P.M.. Hourly accumulation of vehicles in the Mandan CBD (central business district) ranged from 150 to 530 vehicles during the same time period. The greatest accumulation occurs from 2 P.M. to 3 P.M. in Bismarck and 3 P.M. to 4 P.M. in Mandan. After 4 P.M. the accumulation decreases rapidly.

Travel time studies and volume counts indicate areas of greatest traffic congestion. In Bismarck, these occur at the following locations: 9th Street between Front and Broadway Avenues; Broadway from 3rd Street to 6th Street; 4th Street from Main to Thayer; 6th Street from Main to Broadway; and Main Avenue from 3rd Street to 6th Street. In Mandan, the greatest traffic delay occurs along Main Street in the central business district. Travel speeds on main routes are generally over 15 miles per hour, except where these routes traverse the central business districts.



## INTRODUCTION

The purpose of this report is to present a comprehensive picture of travel patterns and traffic characteristics in the Bismarck-Mandan study area. The report includes information on traffic volumes, traffic distribution, speeds, trip purposes, and desired lines of travel. The use of this information in conjunction with social, economic, and land use data provides the basis for a comprehensive transportation plan for Bismarck-Mandan. The data used are from results obtained in seven different surveys conducted by the North Dakota State Highway Department in August, September, and October of 1968. The following list gives a brief description of each of these surveys.

1. Home Interview Survey -- a sample of study area residents were interviewed at their homes to obtain descriptions of all trips made by members of the household during the preceding day and to determine social and economic characteristics of the household.
2. Truck Survey -- A sample of truck owners were interviewed to obtain descriptions of truck trips during the preceding day.
3. Taxi Survey -- Taxi owners were interviewed to obtain descriptions of taxi trips during the preceding day.
4. External Cordon Survey -- Drivers were interviewed for origin and destination information as they crossed the study area boundary.
5. Traffic Volume Counts -- Manual and mechanical counters were used to determine average summer weekday traffic on all streets and highways in the study area.
6. Travel Time Study -- A test vehicle was used to determine travel time and delays on main urban routes during peak and off-peak hours.
7. License Plate Check -- A manual check of license plate numbers crossing the screenline was made at various times and locations to indicate the quantity and frequency of double screenline crossings.<sup>1</sup>

Other surveys conducted as part of the Bismarck-Mandan Urban Area Transportation Study obtained data on land use patterns, population, housing, and employment. The information obtained in these surveys will provide the basis for individual memorandum reports, which will be summarized in a comprehensive final report and transportation plan for Bismarck-Mandan.

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<sup>1/</sup> The License Plate Check was conducted on the Bismarck screenline only. The check was not made on the Mandan and Missouri River screenlines because it was felt that the number of double crossings on these screenlines would be insignificant. Specific points on the Bismarck screenline where the check was made include Memorial Highway, Washington Street, 3rd Street, 5th Street, 9th Street, 12th Street, and old Airport Road.

## STUDY AREA IDENTIFICATION

The study area boundaries and traffic zones are shown on Map 2. The total area within these boundaries is approximately 64 square miles. The Missouri River divides the study area into two parts with the Mandan side containing approximately 23 square miles, and the Bismarck side about 41 square miles. A considerable acreage of rural land surrounding the two cities was included within the study area for the following reasons: to provide space for future urban expansion, to include the area between the two cities within the cordon line, and for convenience in delineating the study area boundaries.

Initially, the study area was divided into 33 districts, 17 on the Bismarck side of the river and 16 on the Mandan side. Subdivision of the districts resulted in 106 zones on the Bismarck side and 105 zones on the Mandan side. For detailed analysis it was necessary to further subdivide the zones into subzones - 420 subzones on the Bismarck side and 184 on the Mandan side. The subzone was the basic unit for preliminary data processing. The size of each subzone depended upon such factors as variation in land use, intensity of development, and the presence of traffic barriers. They ranged in size from one square block in the downtown area to several square miles in the rural area.

Following the preliminary analysis of the study findings, the subzones were recombined into 224 internal and 15 external traffic assignment zones as shown on Map 2.<sup>2</sup> Like the original subzones, the traffic zones vary in size, but each traffic zone may logically be treated as a unit in origin-destination analysis. Of the 224 internal zones, the last seven are dummy nodes reserved for expansion purposes should that be required in future analysis. Zones 225 to 239 are the 15 external zones. Three of these (226, 228, and 239)<sup>3</sup> were not interviewed in 1968 because the amount of traffic crossing the cordon line at these stations did not warrant it. However, they were assigned an assignment zone number because they will be more significant in 1995.

Trips were also coded to areas in Burleigh and Morton Counties outside of the study area and to other counties or states of origin and destination. In this report, however, origins and destinations (trip ends) are given only by internal traffic zones and external stations at which the trip crossed the cordon line. The 224 internal traffic zones and 15 external stations are the divisions that will be used for all traffic assignment purposes.

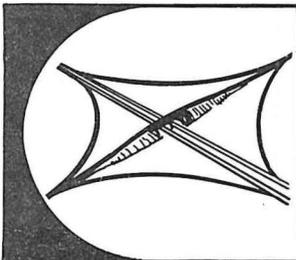
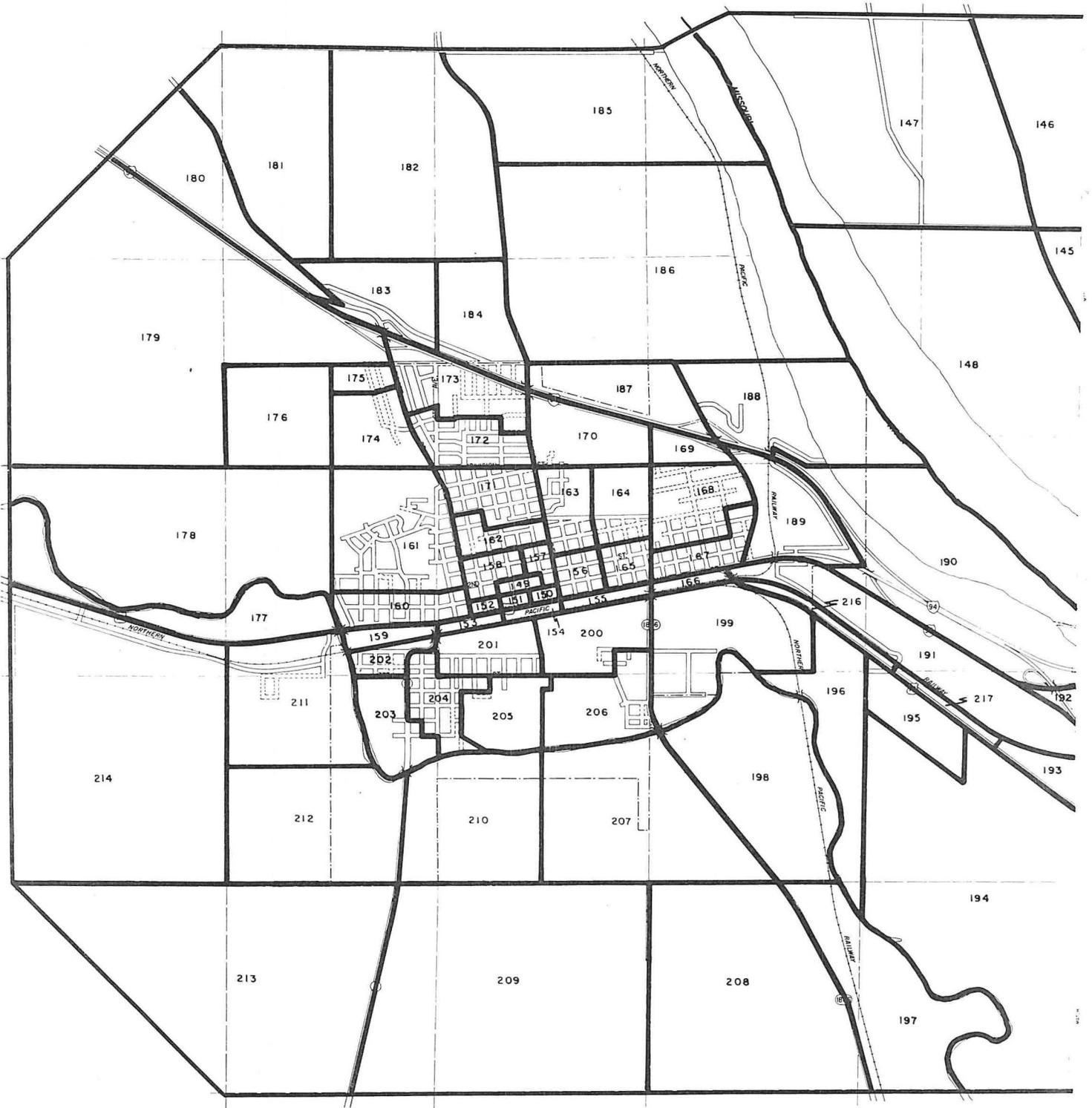
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2/ Bismarck side: 149 internal, 9 external. Mandan side: 75 internal, 6 external.

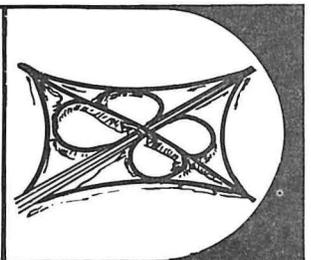
3/ The specific location of these three zones are: 226-North Washington Street, Bismarck; 228-North of the east Bismarck Interchange of I-94; 239-North Collins Avenue, Mandan.

MAP 2

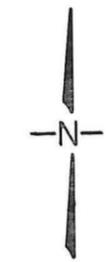
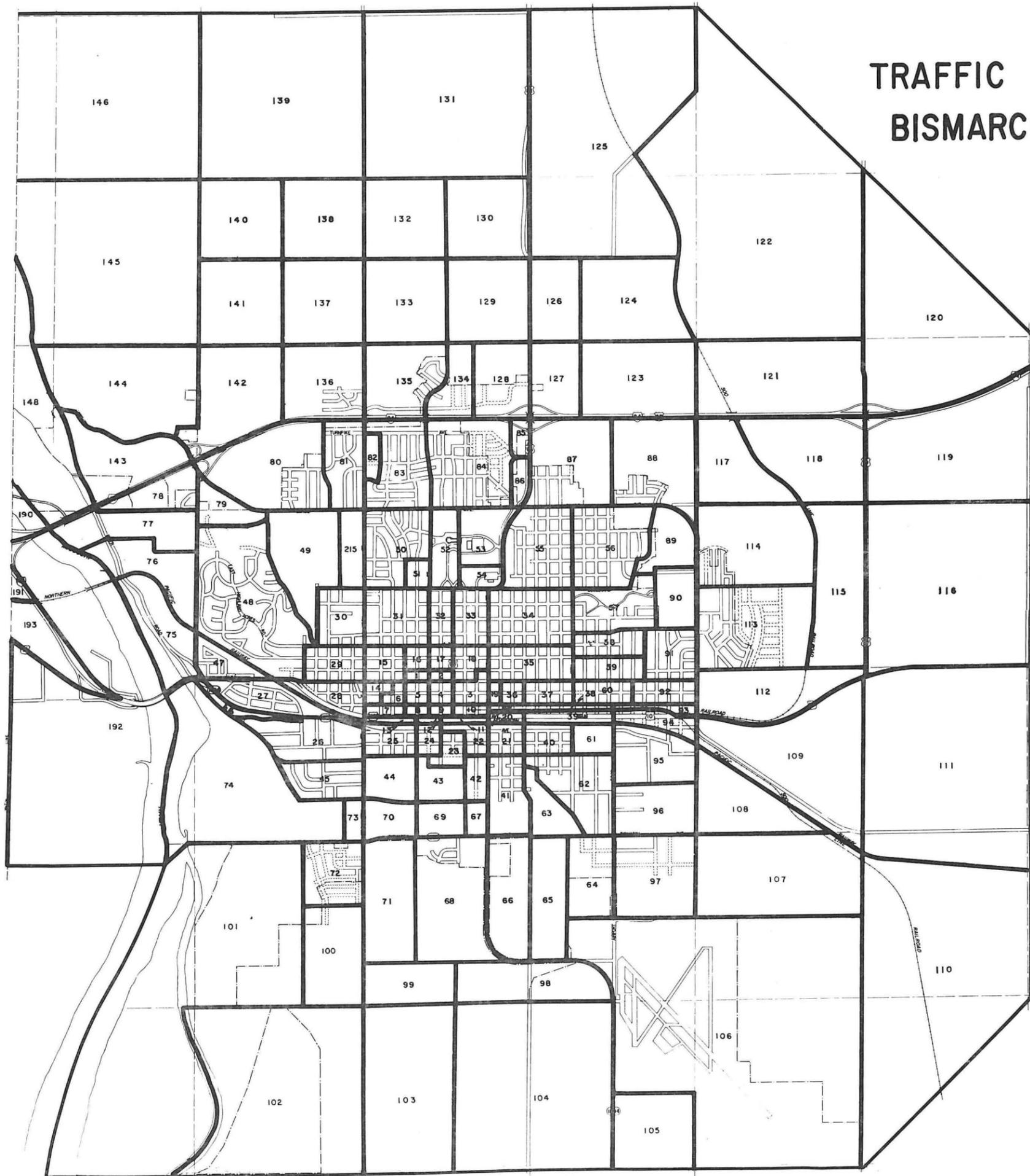
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**BISMARCK - MANDAN  
URBAN AREA  
TRANSPORTATION STUDY**

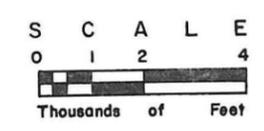


MAP 2  
TRAFFIC ASSIGNMENT ZONE MAP  
BISMARCK-MANDAN STUDY AREA



**LEGEND**

ZONE NUMBER                      000  
ZONE BOUNDARY                    \_\_\_\_\_



## SAMPLE SIZE

Sampling procedures used in the Bismarck-Mandan Transportation Study followed the recommendations of the Manual of Procedures for Home-Interview Traffic Studies prepared by the U.S. Department of Transportation, Federal Highway Administration. Definite samples were selected in advance for the internal surveys (home interview, truck, and taxi) while the sample for the external survey consisted of those vehicles passing through the external stations during interview periods, which totaled 15 hours at each station.

A special inventory of dwelling units in the study area was made in the home interview survey. Dwelling units are defined as units having cooking facilities or separate outside entrances. College dormitories were included, but not nursing homes, convents, hotels or motels. From the dwelling unit inventory 10,565 addresses were obtained. Initially, the selected sample included 20 percent of the total addresses; however, not all of these were usable. Eighty-five of the units selected for interviewing in Bismarck were vacant or used for commercial purposes only, while Mandan contained twenty-six similar type units. Sixty-three units in Bismarck and nine in Mandan were occupied by persons who either could not be found at home or who refused to answer the questions. Thus, the number of actual interviews totaled 2,630; 1965 on the Bismarck side and 665 on the Mandan side of the study area.

The truck survey sample was a one in four selection from all trucks registered in the study area. A total of 1,076 trucks was originally selected for the sample, but for reasons such as the truck being out of service during the study or the owner being unavailable for interview, 608 of these had to be dropped from the sample. The resulting number of interviews was 269 on the Bismarck side and 199 on the Mandan side of the study area.

The taxi survey sample included all taxis in the study area. Of the 15 taxis operating in the study area at the time of the survey, 11 were located in Bismarck and 4 in Mandan.

In the external cordon survey, interviews were conducted for 15 hours per day between 6:00 A.M. and 9:00 P.M. on weekdays at each of 14 stations. A total of 10,949 drivers were interviewed.

Copies of the interview forms used in the study are presented on pages A-71 to A-73 of the appendix.

## CODING AND ACCURACY CHECK

### Coding and Editing

All information collected in field surveys was coded in a digital

form to allow the use of EDP (electronic data processing) equipment in tabulation and analysis. A temporary staff working under the supervision of the North Dakota State Highway Department coded the data. The coded information was then punched on EDP cards and subjected to extensive machine editing and contingency checking. Editing and checking were accomplished mainly by computer programs which checked each card for incomplete, impossible or inconsistent data.

### Screenline Check

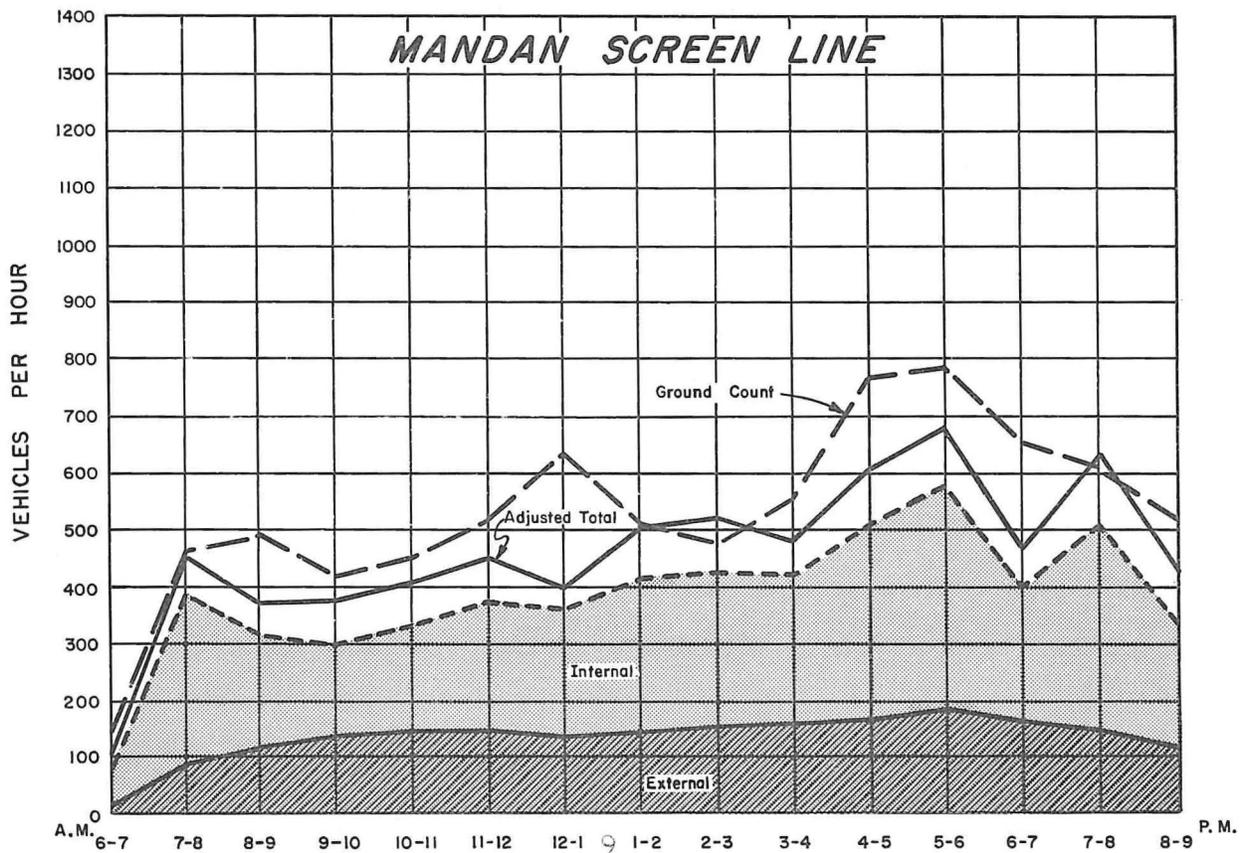
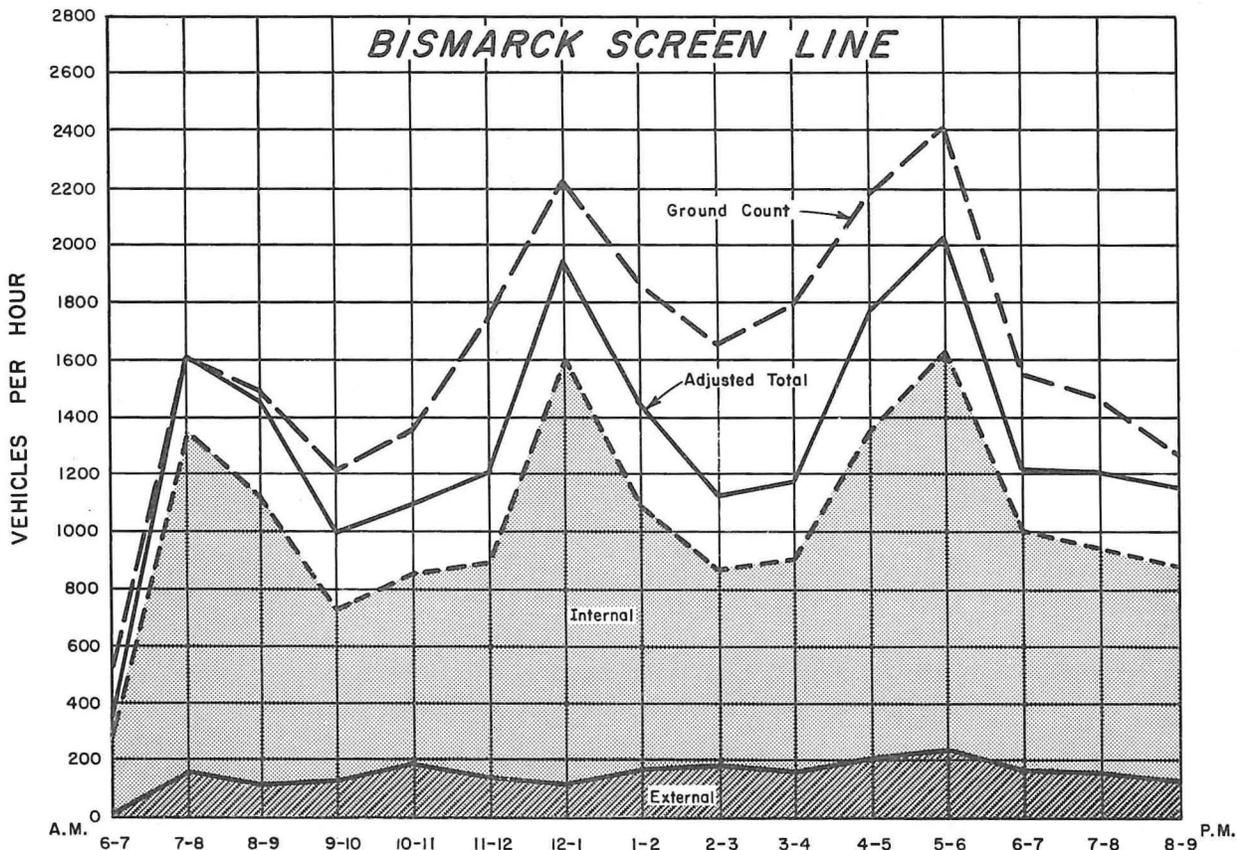
Computer editing and contingency checking eliminated most of the coding and recording errors. But the overall accuracy and completeness of the study data could be tested only by cross checking the data obtained from the various surveys and traffic counts. The principal check of this nature was the screenline analysis which is illustrated in Graphs 1 and 2.

The screenline analysis was a comparison of the number of theoretical trips crossing each of the three screenlines with ground counts at the screenlines. The theoretical trips were calculated from the origin-destination data by means of standard computer programs. These trips were then compared to the totals of counts obtained at all points where traffic could cross the screenlines.

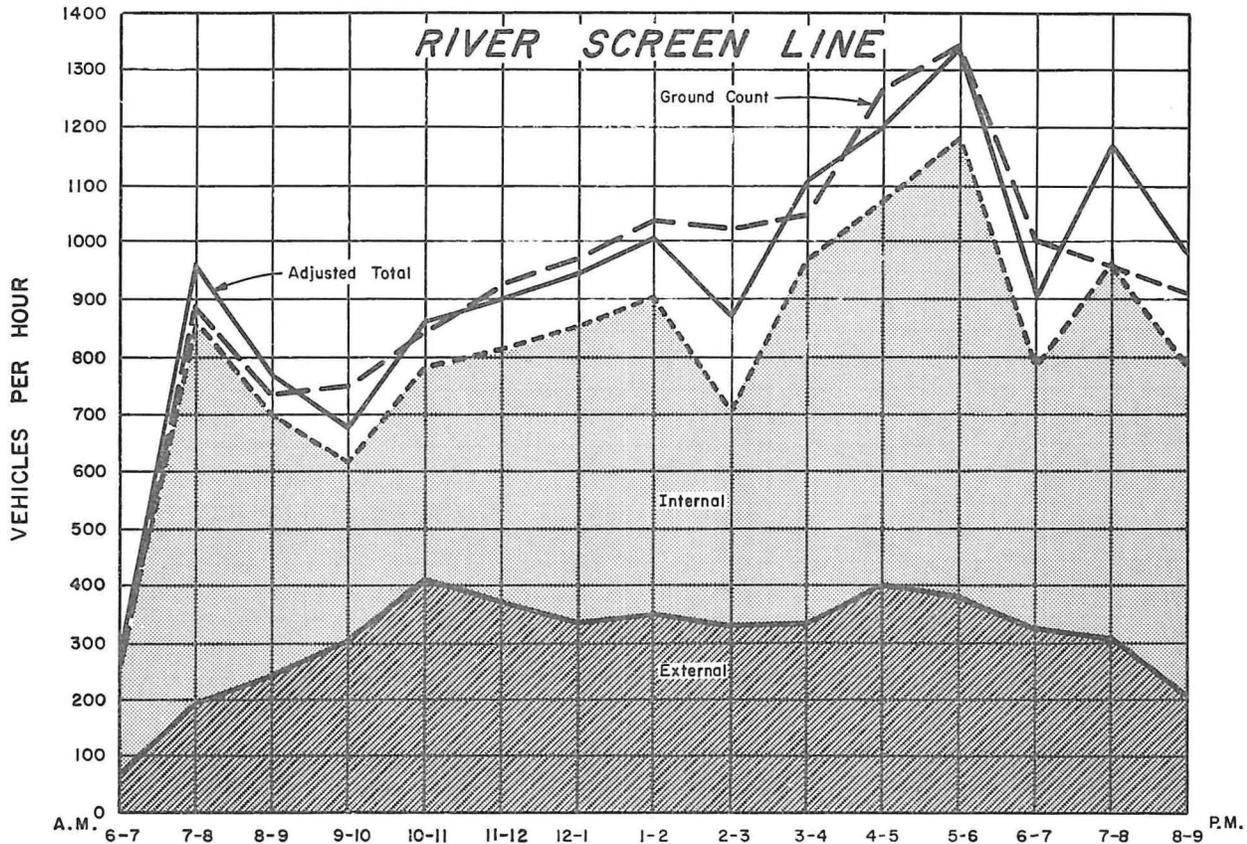
Three screenlines were used for analysis in the Bismarck-Mandan Study: The Bismarck, Mandan, and Missouri River screenlines. The Mandan screenline was an east-west line which essentially followed the Burlington Northern Railroad trackage through Mandan. The Bismarck screenline paralleled the Burlington Northern Railroad from the east boundary of the study area to Third Street, south on Third to Front Avenue, along Front to Hannafin Street, and then along the south right-of-way of Memorial Highway to Memorial Bridge. This screenline intersected River Road near Memorial Bridge, and U.S. 10 and I-94 west of the Missouri River. The third screenline (Missouri River screenline), as its name implies, parallels the river as it traverses the study area in a north-south direction. Counts were taken at thirteen points on the Bismarck screenline, at four points on the Mandan screenline, and at five points on the Missouri River screenline.

Theoretical trips crossing the screenline amounted to 72.3% of the ground counts on the Mandan screenline, 63.9% on the Bismarck screenline, and 88.3% on the Missouri River screenline. A screenline check of less than 85% generally indicates that trips were under-reported in the internal surveys. The results of the external survey in a properly conducted study may be considered accurate. Therefore, expansion factors were applied to all trips from the internal surveys only. This raised the total theoretical screenline crossings to 86.2% of the ground count on the Mandan screenline, 81.4% of the ground count on the Bismarck screenline, and 100.2% of the ground count on the Missouri River screenline. A screenline interview of the Missouri River screenline was conducted to determine the actual trip purposes for the river crossings. The data obtained was used to determine the degree of factoring required for the various trip purposes.

GRAPH I



GRAPH 2



Trips were not factored to 100% of ground counts because a small percent of the total ground count is believed to represent double crossings of the screenline or secondary trips that cannot be synthesized from home interview data. On the basis of a license plate check, it was determined that approximately 10% of the trips crossing the Bismarck screenline were secondary trips or double crossings of the screenline. Another consideration in factoring is that the adjusted theoretical trips should not greatly exceed the ground counts in peak hours.

The following four expansion factors were applied to internal survey trips for cars: Home Base Business and Home Base Social-Recreation, 1.4; Home Base Shopping, 1.3; Non-Home Base Social-Recreation, 1.6; and all other trip purposes, 1.1. Two expansion factors were applied for truck trips: 1.25 for Missouri River crossings and 2.0 for all other truck trips. The truck factors were determined by classification counts which indicated that theoretical truck trips across the screenline were less than 55% of the actual. The low percentage for truck trips may have been due to both under-reporting and undersampling. Undersampling of trucks may have occurred because only trucks with Bismarck-Mandan registration addresses could be sampled. An unknown but probably substantial number of trucks in Bismarck-Mandan are registered elsewhere.

## External Cordon Check

The external cordon check is a comparison of expanded internal survey trips and expanded external survey trips crossing the external cordon line. For this comparison, the initial expanded trips with no screenline adjustment were used. The trips by study area residents and by trucks registered in the study area that crossed the external cordon line were determined from the home interview and truck surveys. These trips were then compared to the equivalent trips determined by the external survey. Such trips were identified in the external survey by the question "Where is this vehicle owned or garaged?"

The comparisons for passenger car trips, truck trips, and total vehicle trips are shown in appendix tables A-7 to A-12 inclusive. The comparisons are made for each hour during which interviews were conducted at the external stations, 6:00 A.M. to 9:00 P.M..

For the complete 15 hour period, the external survey showed 3,268 resident passenger car trips and 1,457 resident truck trips crossing the external cordon line. The percentages of these trips shown by the internal study were as follows:

Passenger Cars	88.7%
Trucks	90.5%
All Vehicles	89.2%

The agreement in the external cordon check is better than in the screenline check because the trips compared in the external cordon check are major trips, which are less likely to be under-reported in the home interview survey.

## TRAFFIC VOLUMES

Three types of traffic volume data will be analyzed in preparing a street network plan for Bismarck-Mandan. These are: (1) average volumes at each point on the street network; (2) hourly and daily variations in traffic volume; and (3) volume of traffic into and out of the central business districts. Each of these types of data is discussed and illustrated by maps and graphs in this section of the report.

### Average Daily Volumes

Average 24-hour weekday traffic volumes on major streets are shown by scale bands on Map 3. This map, which is an abridged version of the traffic flow map used in street planning, indicates volumes on those streets with 1,000 or more vehicles per day.

The highest traffic volumes in Bismarck are found on Main Avenue (US 10). Average daily traffic on this street reaches a high of 15,000 vehicles per day between 4th and 5th Streets East, 6th and 7th Streets East, and 12th and 13th Streets East. Traffic volumes on Main Avenue were at least 14,000 vehicles per day on the entire section from 3rd Street East to 17th Street East. The traffic volume tapers gradually from these two intersections to a volume of 7,100 vehicles per day west of Washington Street and 3,400 vehicles per day east of 26th Street.

Next to Main, Ninth Street is the busiest street in Bismarck. An average daily traffic of 10,000 vehicles per day was recorded at the Burlington Northern Railroad underpass south of Main Avenue. Between Rosser Avenue and Avenue C, traffic volumes of more than 6,000 vehicles per day were noted. Both north and south of these sections, traffic volumes on Ninth Street are somewhat lower, typically less than 5,000 vehicles per day.

Other heavily used streets in Bismarck containing sections carrying in excess of 5,000 vehicles per day include The Boulevard, US 83 North, Washington Street, Front Avenue, Airport Road, Broadway Avenue, Rosser Avenue, Avenue C, Divide Avenue, 4th Street, 6th Street, and 16th Street.

The highest traffic volumes in Mandan are found on Main Street. Average daily traffic on this street reaches a high of 11,500 vehicles per day between 5th and 10th Avenues East and is over 8,000 vehicles per day at all points between 6th Avenue West and the I-94 exit ramps east of Mandan. Traffic tapers rapidly on Main Street west of 8th Avenue West from a volume of 3,100 vehicles per day at the 8th Avenue intersection to a volume of 1,600 vehicles per day directly west of the Heart River bridge.

Sixth Avenue Northwest is the second busiest street in Mandan. Traffic volume peaks near its intersection with 4th Street Northwest at 5,400 vehicles per day. Volume tapers north and south of this intersection to 3,800 vehicles per day near Main Street to 1,500 vehicles per day at the I-94, Sunset Drive Interchange.

Other high volume streets in Mandan containing sections carrying more than 3,800 vehicles per day include State Highway 1806, State Highway 6, and Collins Avenue.

Traffic volumes on Interstate 94 within the study area range from a high of 11,800 vehicles per day between Bismarck and Mandan to lows of 2,600 vehicles per day at the west cordon line and 3,140 vehicles per day at the east cordon line. Trips with both origin and destination outside of the study area, that enter and leave the study area via the interstate, comprise approximately 11.3 percent of the total trips at the highest volume locations.

#### Variations in Volume

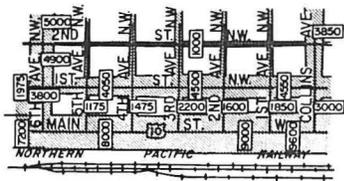
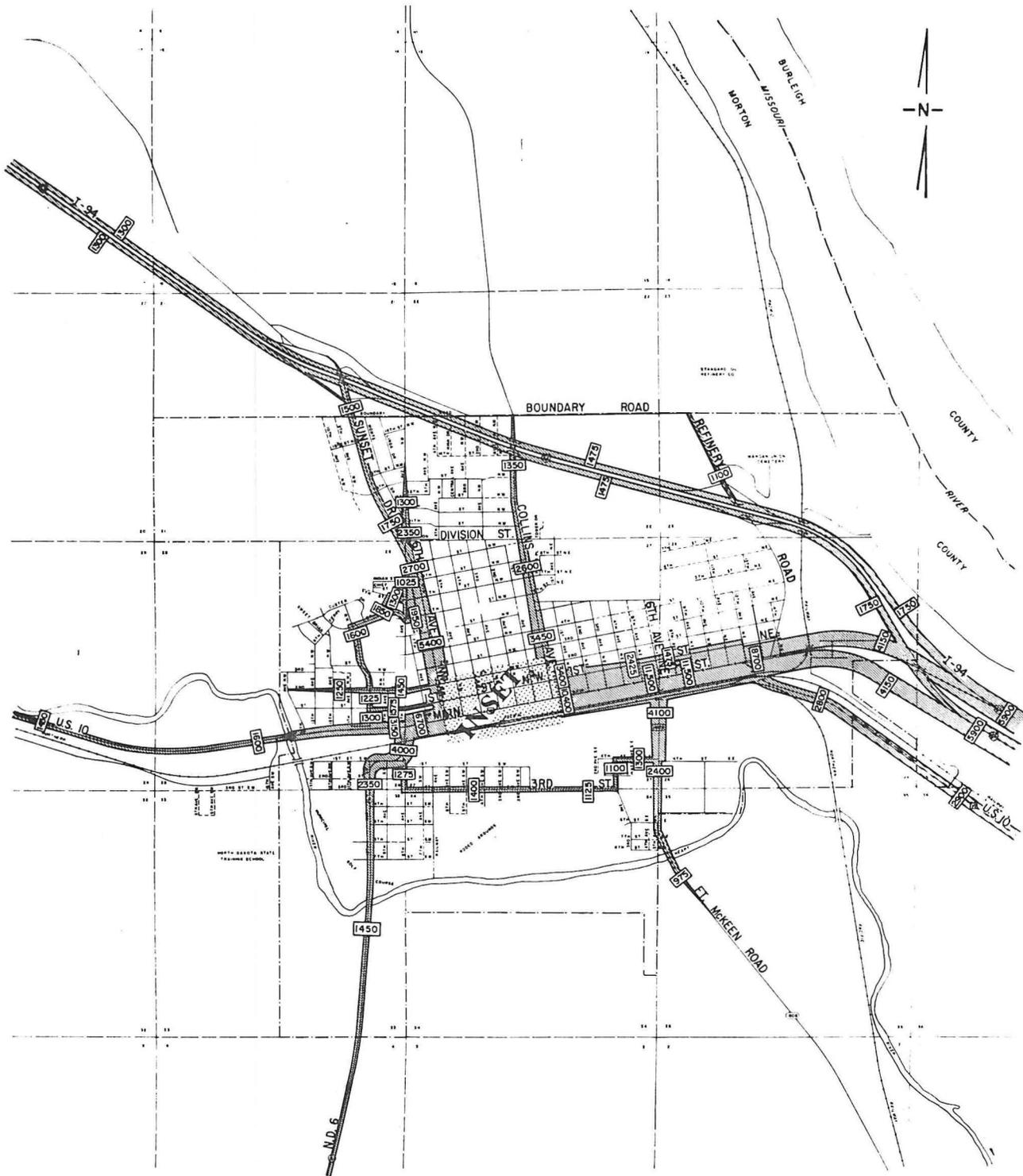
Daily and hourly distributions of traffic volume are shown on Graphs 3 and 4. This data was recorded at 22 stations on the three screenlines

**MAP 3**

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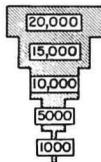
# 1968 TRAFFIC VOLUMES

## Mandan



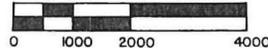
INSET

VOLUME SCALE



BISMARCK - MANDAN  
URBAN AREA  
TRANSPORTATION STUDY

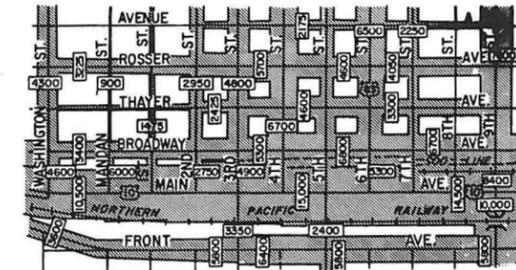
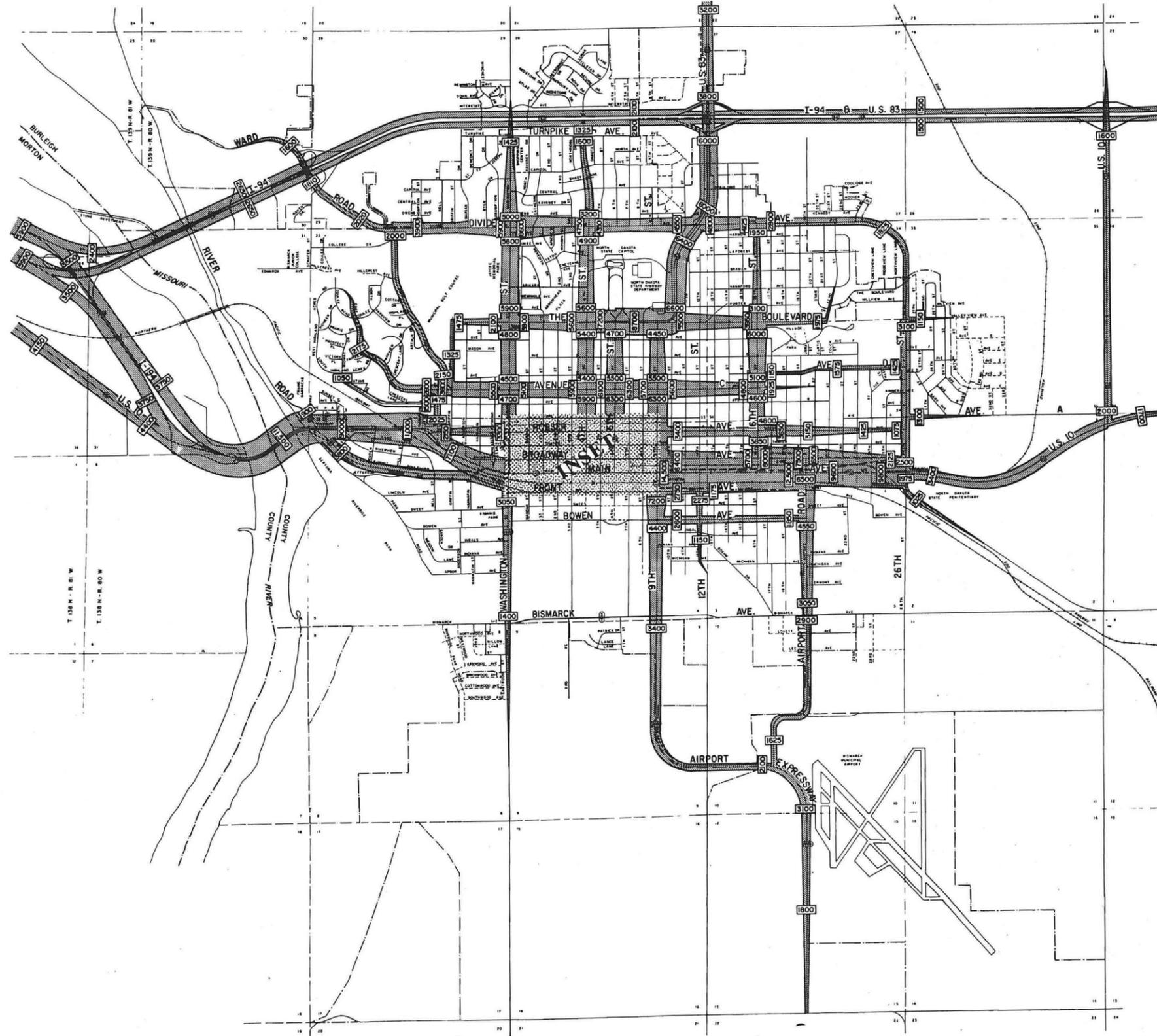
SCALE IN FEET



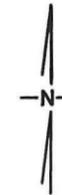
MAP 3(B)

# 1968 TRAFFIC VOLUMES

## Bismarck



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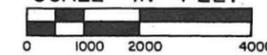


VOLUME SCALE



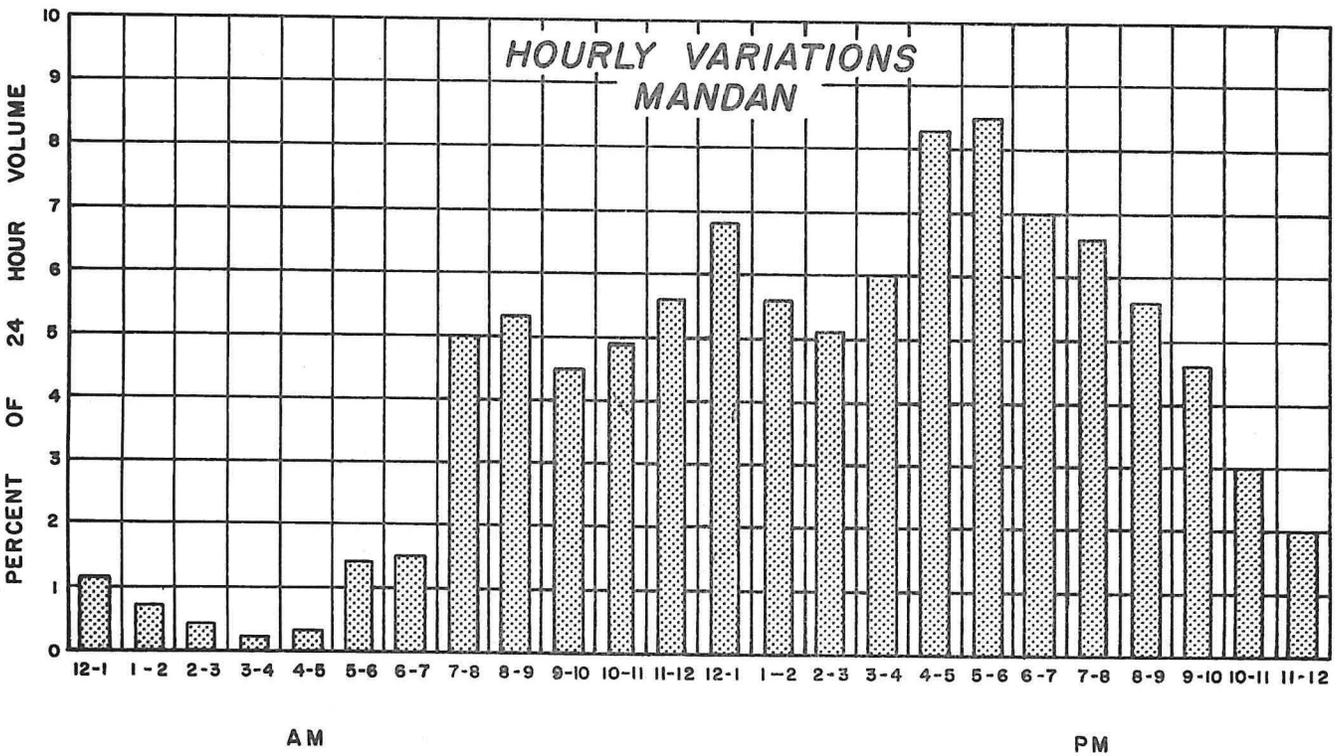
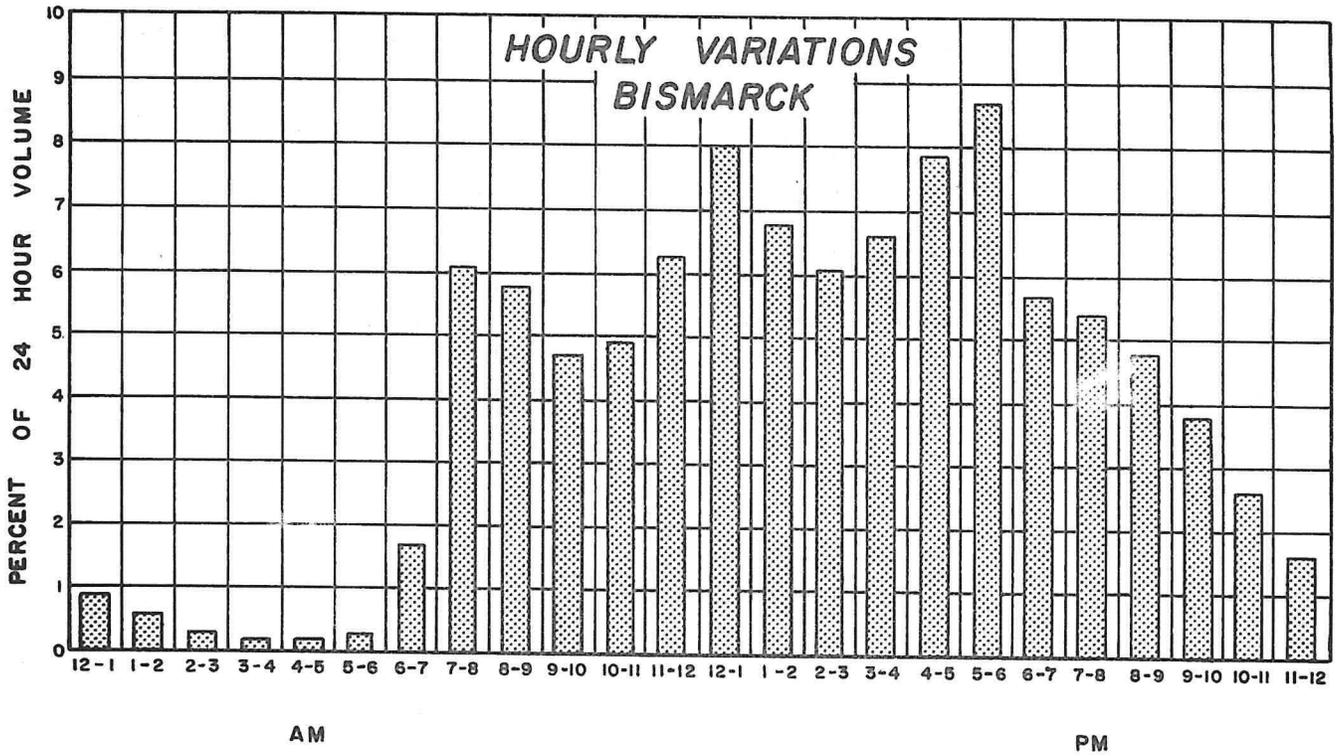
BISMARCK-MANDAN  
URBAN AREA  
TRANSPORTATION STUDY

SCALE IN FEET



GRAPH 3

# VARIATIONS IN TRAFFIC VOLUMES



GRAPH 4  
VARIATIONS IN TRAFFIC VOLUMES

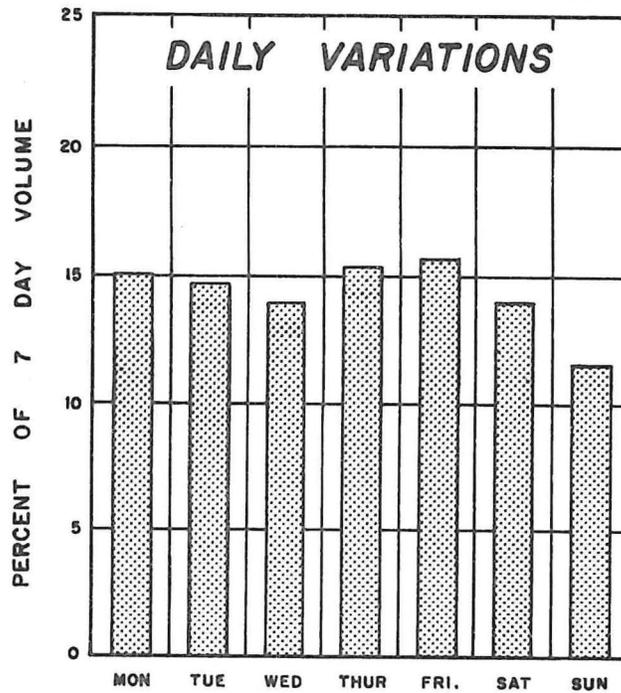


TABLE 1

ACCUMULATION OF TRIPS IN THE C.B.D.

Time	<u>Bismarck</u>			<u>Mandan</u>		
	Inbound Trips	Outbound Trips	Accumulation	Inbound Trips	Outbound Trips	Accumulation
6- 7 am	87.8	42.3	45.5	5.5	5.5	0.0
7- 8 am	314.4	103.0	256.9	57.3	14.0	43.3
8- 9 am	1238.5	521.6	973.8	189.0	81.7	150.6
9-10 am	1562.1	531.5	2004.4	263.8	55.7	358.7
10-11 am	1154.9	838.1	2321.2	261.1	182.1	437.7
11-12 am	1168.0	973.8	2515.4	299.3	279.9	457.1
12- 1 pm	1007.9	2086.8	1436.5	312.3	507.7	261.7
1- 2 pm	1337.2	1035.6	1739.0	308.6	250.8	319.5
2- 3 pm	1861.6	995.3	2605.3	471.4	268.4	522.5
3- 4 pm	1179.1	1307.7	2476.7	309.1	296.7	534.9
4- 5 pm	1265.2	1526.1	2215.8	329.5	344.2	520.2
5- 6 pm	1409.2	2501.5	1123.5	382.8	662.9	240.1
6- 7 pm	1221.4	1903.6	441.3	391.0	488.8	142.3
7- 8 pm	858.2	881.3	418.2	164.2	160.3	146.2
8- 9 pm	1181.1	962.8	636.5	263.6	221.8	188.0
Totals	16,846.6	16,211.0		4,008.5	3,820.5	

\* The figures in this tables include passenger car trips only and do not include truck trips.

during the study period. Five stations were located on the Missouri River screenline with the remaining 17 stations located on the Bismarck and Mandan screenlines.

The graph of daily traffic distribution shows that Friday is the day of greatest volume with approximately 15.7% of the total weekly volume occurring that day. Sunday was low with 11.4% of the weekly volume. Each of the other five days had between 13.9% and 15.3% of the weekly volume. This is a pattern similar to that found in other North Dakota cities.

The highest hourly volume in both Bismarck and Mandan occurs between 5 P.M. and 6 P.M.. During the peak hour, 8.7% of the average daily traffic in Bismarck and 8.5% of the average daily traffic in Mandan was recorded. No other distinct peak was observed in Mandan with the second highest hour occurring between 4 P.M. and 5 P.M.. In Bismarck, a secondary peak hour in which 8.0% of the average daily traffic occurs is noted during the 12 noon to 1:00 P.M. hour. The 4 P.M. to 5 P.M. hour in Bismarck holds a close third place for the city with 7.8% of the average daily traffic occurring then. During the 15-hour period 6 A.M. to 9 P.M. approximately 89.4% of the daily traffic in Bismarck and 86.3% of the daily traffic in Mandan was recorded.

#### ACCUMULATION OF VEHICLES IN THE CENTRAL BUSINESS DISTRICT

Graph 5 and Table 1 show an analysis of passenger car trips into and out of the central business districts of Bismarck and Mandan. This analysis might be used as an indicator of present parking problems in the central business districts. For this purpose, the analysis must be used in conjunction with the results of a parking survey.<sup>4</sup> The excess of peak accumulations over the number of vehicles parked will then indicate the length of time needed to find a convenient parking space.

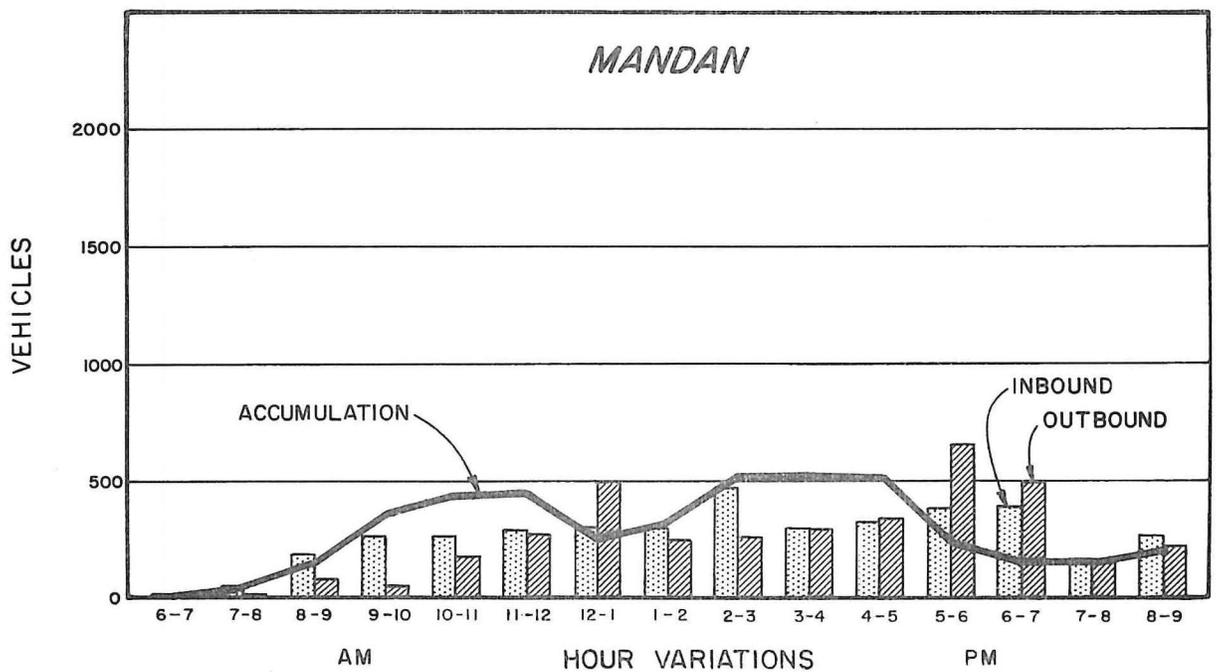
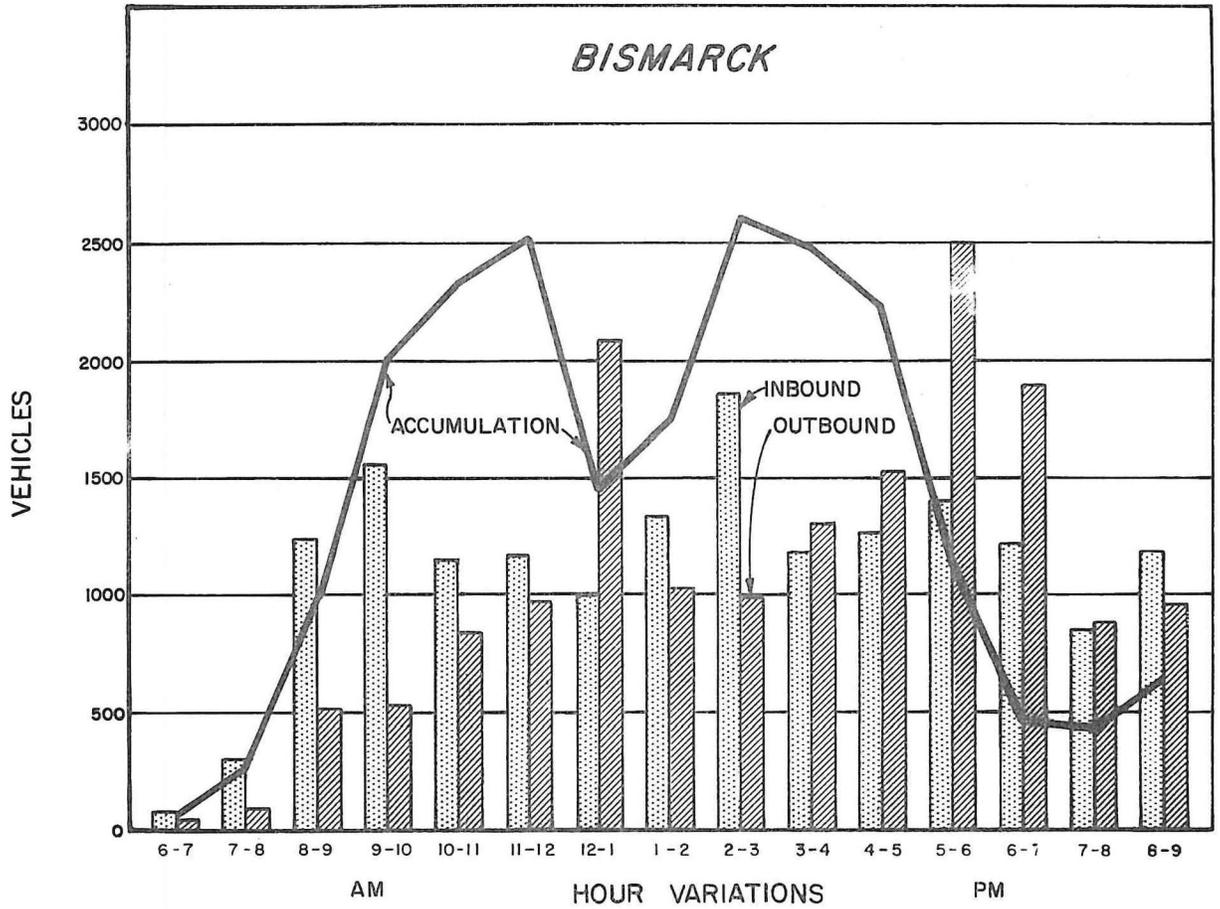
Another purpose of the analysis is to show the time variations in central business district traffic and parking demand. The peak hour for inbound traffic in Bismarck is shown to be from 2 P.M. to 3 P.M. when 1,862 passenger car trips terminate in the central business district. In Mandan, the peak hour for inbound traffic occurs from 2 P.M. to 3 P.M. when 471 passenger car trips terminate in the central business district. The peak accumulation (2,605 vehicles) occurs the same hour (2 P.M. to 3 P.M.) in the Bismarck CBD as does the peak for inbound traffic. A nearly equal accumulation is reached at 11 A.M. to 12 Noon. In Mandan, the peak accumulation (535 vehicles) occurs from 3 P.M. to 4 P.M. with similar accumulations occurring during the entire period 2 P.M. to 5 P.M..

---

<sup>4/</sup> A parking survey of the Bismarck and Mandan CBD's was not conducted as a part of the urban area transportation study, but the results of any recent parking survey could be used.

GRAPH 5

# ACCUMULATION OF TRIPS IN THE C.B.D.



Low points of parking demand occur at 1 P.M., 8 P.M., and during the early morning hours in the Bismarck CBD and at 1 P.M., 7 P.M., and during the early morning hours in the Mandan CBD.

The number of outbound trips from the Bismarck CBD is highest between 5 P.M. and 6 P.M. when 2,502 passenger cars leave the central business district. In Mandan, the greatest number of outbound trips occur between 5 P.M. and 6 P.M. when 663 passenger cars leave the CBD. Between the hours of 6 A.M. and 9 P.M., the Bismarck central business district had 33,058 passenger car trips beginning or ending within its borders. There were 7,830 passenger car trips going in and out of the Mandan CBD during the same 15-hour period. Of the total trips beginning or ending in the Bismarck CBD during the 15-hour period, 16,847 were inbound trips and 16,211 were outbound. Mandan recorded 4,009 inbound trips and 3,821 outbound trips in the 15-hour period. The excess of inbound trips during these 15 hours is balanced by an excess of trips leaving the central business districts after 9 P.M..

#### TRAVEL TIME STUDY

Map 4 shows in five miles per hour increments the average travel speeds on major streets in Bismarck and Mandan. These speeds were determined by timing a test vehicle as it was driven over these streets at the average speed of the traffic stream. At least five test runs were made in each direction on each street. Three of the test runs were made during peak traffic periods and two were made during off-peak periods. In most cases, there was little difference between speeds during peak hours and speeds at other times of the day. But where the difference was significant, an average was derived by adding two thirds of the off-peak speed to one third of the peak speed.

Travel speeds generally averaged between 15 and 30 miles per hour. Higher speeds were found on the urban extensions of US 10, US 83, I-94, I-194 ND 1804, ND 1806, and ND 6. Lower speeds were found in the central business districts. Speeds averaged less than 10 miles per hour on downtown segments of Washington Street, Ninth Street, Broadway Avenue, Thayer Avenue, 4th Street, and 6th Street in Bismarck. Similar speeds were noted near the intersections of Division Street with Sunset and 6th Avenue Northwest in Mandan.

#### TRIP CHARACTERISTICS

Prediction of future traffic requires, in addition to volume measurements, some quantitative measures of other travel characteristics.

Especially important are measures of trip production (per person, per dwelling unit, etc.), trip purpose, and mode of travel. These are the types of data summarized in this section of the report. Their purpose is to tie in traffic projections with projections of population, land use, and economic growth.

### Trip Production and Mode of Travel

Table 2 shows the relationship between vehicle trips - person trips and the number of dwelling units, cars owned, and population. The table shows these relationships for trips made by passenger car, transit, truck, or taxi. The data presented is a composite for the entire study area.

Total person trips are classified by mode of travel in GRAPH 6 and in TABLE 3. This classification shows that all but 1.7% of person trips by study area residents were made by automobile and that auto driver trips outnumbered auto passenger trips by a factor of more than two to one. The vehicle occupancy rate indicated by this ratio is 1.5 persons per vehicle. An analysis of trip purpose data shows that vehicle occupancy is related to trip purpose, varying from about 1.2 for work trips to 2.2 for social-recreation trips. Transit bus trips and taxi trips were not prominent among home interview trips with only 0.1 trips per occupied dwelling unit being reported. Walk trips were not recorded unless they were the first trip of the day (only walk to work trips were wanted). Therefore, the number of walk trips enumerated in Table 3 may be only a small portion of total walk trips.

Truck trips made up 19.4% of all vehicle trips recorded in the study. By trip type, they ranged from 18.7% of the internal trips to 25.2% of the through trips. About 86% of all truck trips were trips between internal zones. Less than 2% were through trips. This compares to 89% of all passenger car trips which were internal and 1.3% of passenger car trips which were through trips.

### Trip Purpose

Graph 7 and appendix Tables A-14 through A-24 show the various types of trips classified by trip purpose. In the appendix tables both origin and destination purposes are shown. But in Graph 7, the classification is simplified by using destination purpose only, except where the destination is home. Trips with a destination purpose of home are included in the total for the origin purpose of the trip. For example, a trip beginning at work and ending at home was considered to be a work trip.

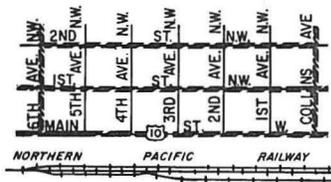
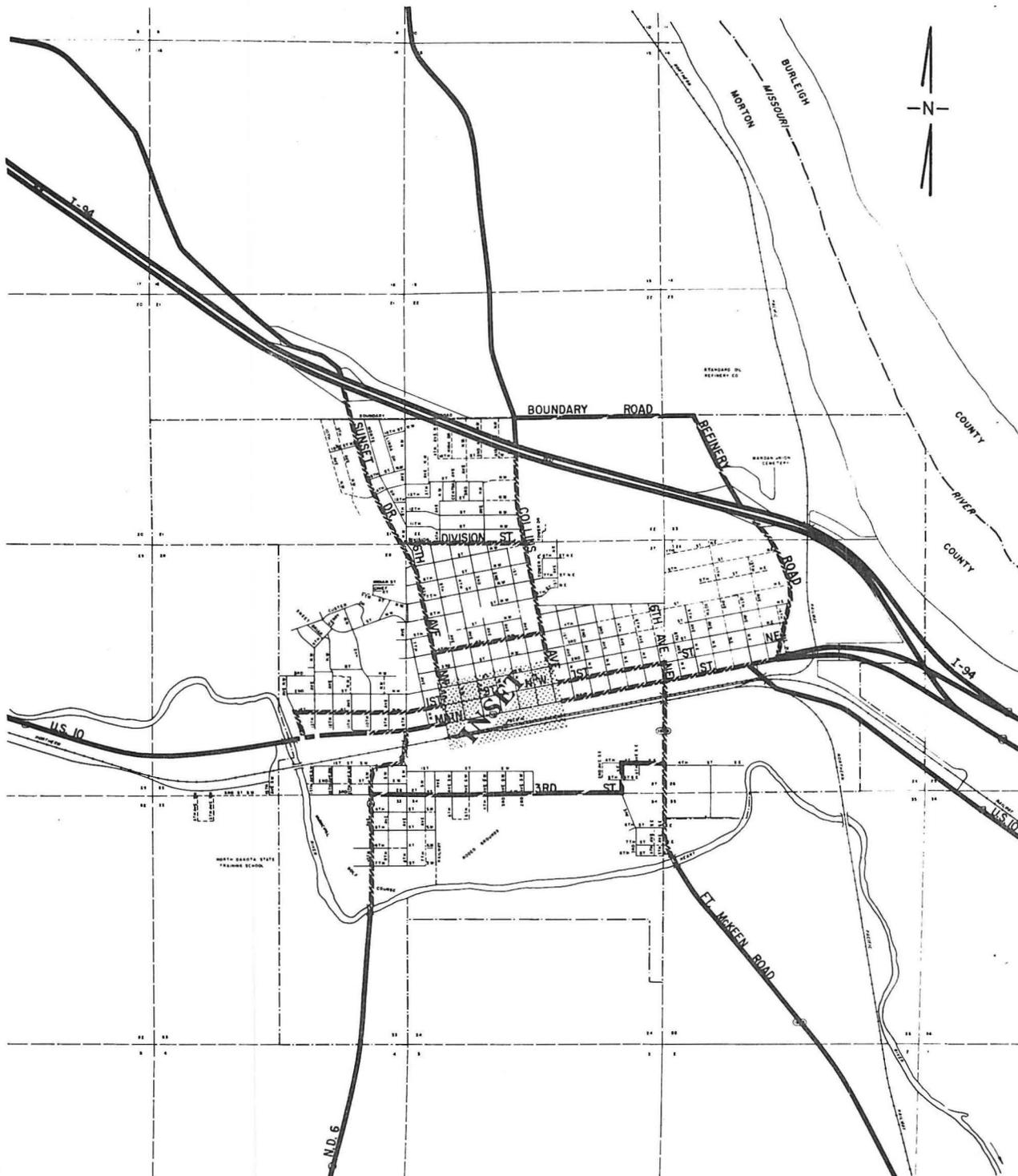
Work, including work fixed and work transient, was the purpose of 23.9% of all person trips and 29.2% of all auto driver trips in Bismarck-Mandan. Considerable differences are noted in the trip purposes of different modes of travel. Transit bus passenger trips have work as their most usual purpose. Social-Recreation is the most usual purpose

MAP 4

TRAVEL  
SPEES

MAP 4 (A)

# AVERAGE TRAVEL SPEEDS Mandan



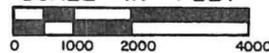
**INSET**

**LEGEND**

- 5 - 10 MPH      [Dotted line pattern]
- 10 - 15 MPH    [Short dashed line pattern]
- 15 - 20 MPH    [Diagonal line pattern (top-left to bottom-right)]
- 20 - 25 MPH    [Diagonal line pattern (bottom-left to top-right)]
- 25 - 30 MPH    [Horizontal line pattern]
- 30 - 35 MPH    [Vertical line pattern]
- 35 MPH & OVER [Thick solid line pattern]

**BISMARCK - MANDAN  
URBAN AREA  
TRANSPORTATION STUDY**

**SCALE IN FEET**





GRAPH 6  
**MODES OF TRAVEL**  
 INTERNAL SURVEY

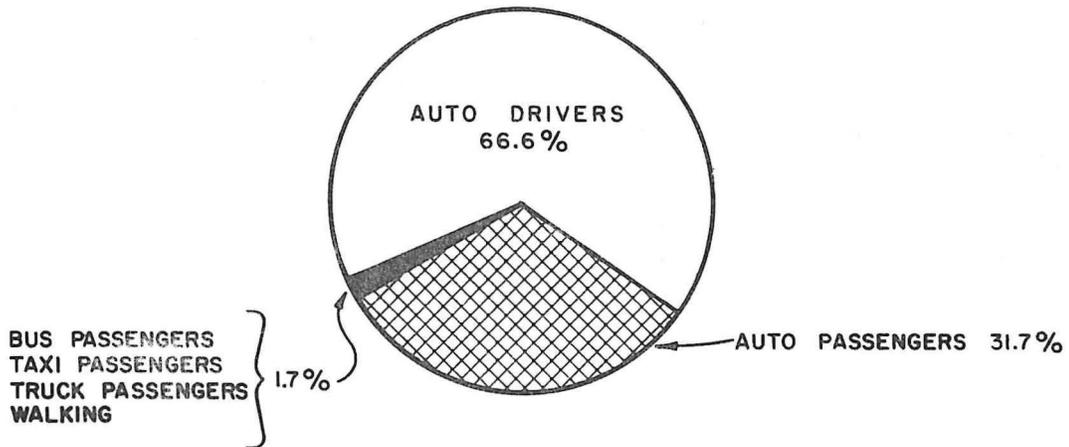


TABLE 2  
 TRIP PRODUCTION

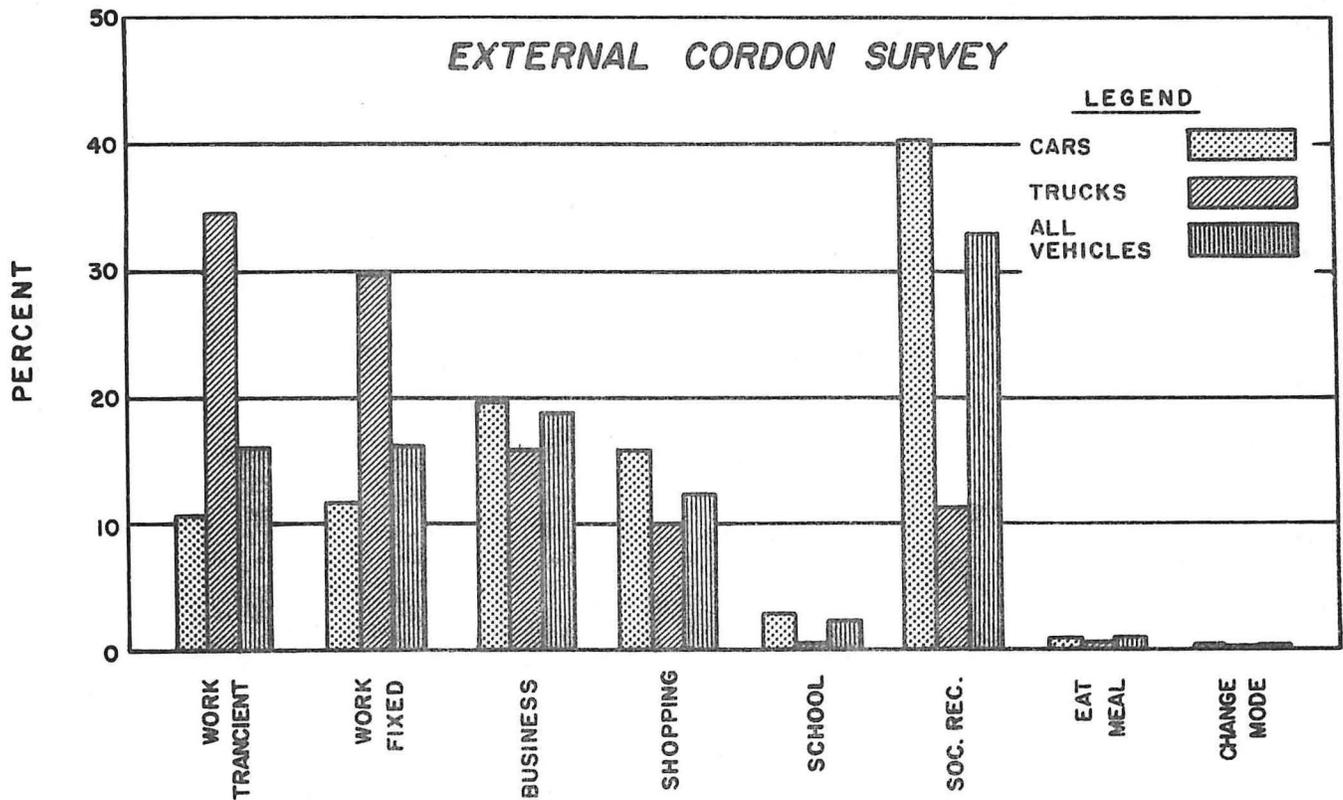
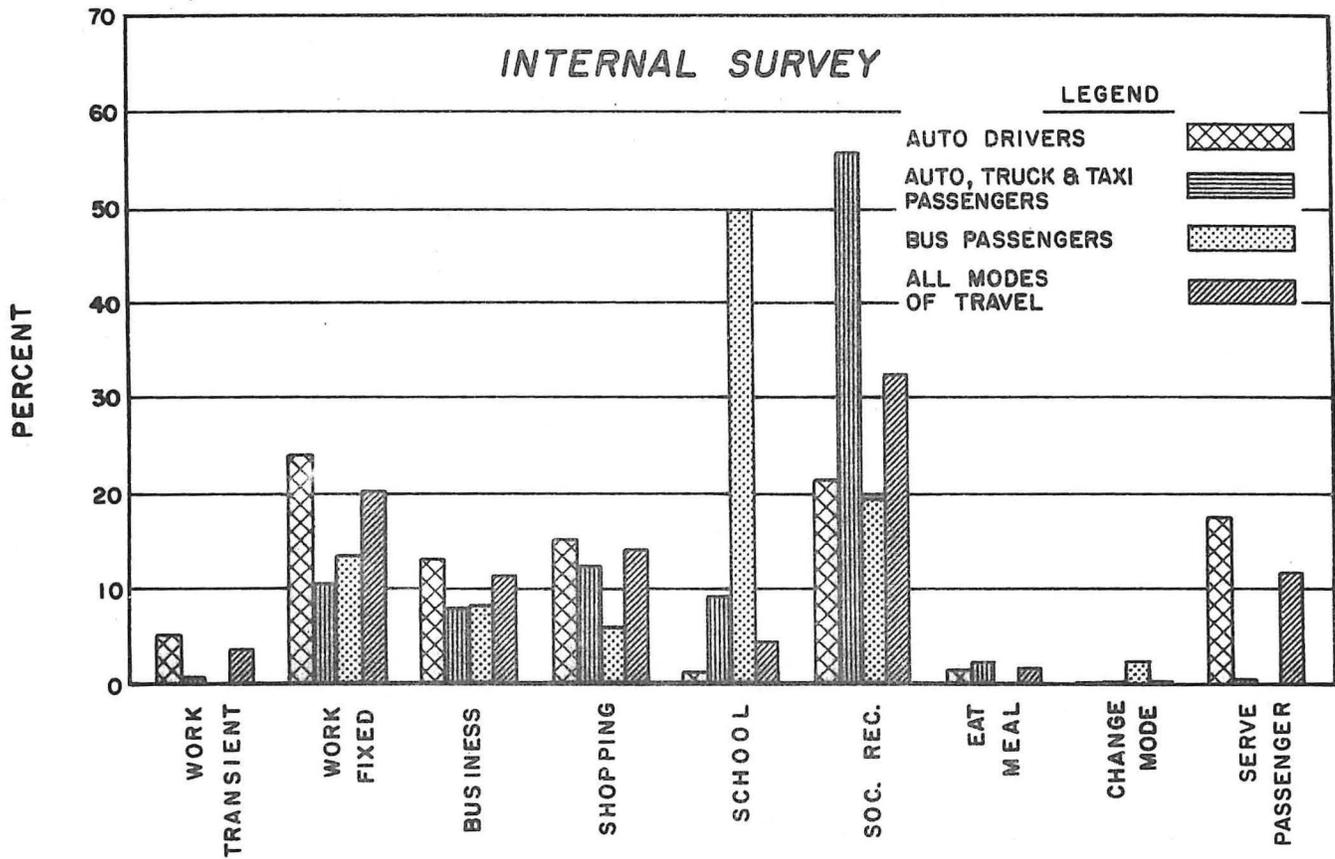
	Per Person	Per Person 5 yrs. Old or Older	Per Car Owned	Per Occupied Dwelling Unit
Vehicle Trips Other Than Through Trips				
Passenger Car	2.3	2.6	5.8	7.8
Truck	0.5	0.6	1.3	1.8
Taxi	---	---	---	---
Total	2.8	3.2	7.1	9.6
Person Trips (Home Inter- view Only)				
Auto Driver	2.3	2.6	5.8	7.8
Auto Passenger	1.1	1.2	2.8	3.7
Transit or School Bus Passenger	---	---	---	---
Taxi Passenger	---	---	---	---
Truck Passenger	---	---	---	---
Total	3.4	3.8	8.6	11.7

TABLE 3  
PERSON AND VEHICLE TRIP SUMMARY

Type of Trip	Number	Percent
<b>Internal Person Trips</b>		
Auto Driver	102,963	66.6
Auto Passenger	48,969	31.7
Transit Bus Passenger	316	0.2
School Bus Passenger	349	0.2
Taxi Passenger	393	0.3
Truck Passenger	472	0.3
Walk Trips	1,117	0.7
Total	154,579	100.0
<b>Internal Vehicle Trips</b>		
Passenger Car	102,963	80.7
Truck	23,909	18.7
Taxi	754	0.6
Total	127,626	100.0
<b>External-Internal Vehicle Trips</b>		
Passenger Car	10,617	75.1
Truck	3,515	24.9
Total	14,132	100.0
<b>Through Trips</b>		
Passenger Car	1,502	74.8
Trucks	507	25.2
Total	2,009	100.0
<b>Total Vehicle Trips</b>	<b>143,767</b>	

GRAPH 7

# TRIP PURPOSES



for taxi trips and auto passenger trips. About 56% of all auto passenger trips are made for social-recreation purposes.

Home based trips accounted for 70% of auto driver trips and nearly 72% of all passenger trips. For each trip purpose, except work transient, the majority of trips were home based. Work transient trips made up only 3.7% of all internal trips. However, Social-Recreation was the most usual purpose of non-home based trips comprising 39% of such trips.

The majority of vehicle trips crossing the external cordon line were for purposes of Social-Recreation. Approximately 34% of the external trips were for this purpose. Work, Business, and Shopping were also chief purposes for external trips with 32%, 19%, and 12% respectively of the trips crossing the cordon line for these purposes.

#### ZONE TO ZONE MOVEMENTS

The primary task of the Bismarck-Mandan Urban Area Transportation Study was to identify trip origins and destinations so that desired lines of travel may be delineated and trip generation may be correlated with land use, social, and economic factors. The complete classification of trips by zones of origin and destination is given in Tables A-27 through A-29 of the appendix. Notable features of trip generation and the major traffic movements indicated by the appendix tables are discussed in this section of the report. The traffic movements discussed are trips to the central business district, trips to other zones of high attraction, and trips between external stations.

#### Trip Ends in Each Zone

The distribution of trip origins and destinations is presented in Map 5 and appendix Tables A-25 and A-26. The number of vehicle trip ends is the number of trips either originating or ending in each internal zone or, in the case of external stations, the number of trips passing through the station. Vehicle trip ends by passenger car, truck, taxi, and total vehicles are shown in the appendix tables for each zone. Map 5 depicts the trip density in trip ends per acre for each traffic assignment zone. Analysis by trip density rather than number of trips per zone eliminates the possibility of overemphasis upon zones of large acreage which understandably have a large number of trip ends.

The zones with the highest trip density are located in the central business districts of the two cities where the delineated zones are small. In Bismarck, each of zones 1, 4, 5, 7, 8, 9, 10, and 12, all located in the core or fringe of the central business district, has over 400 trip ends per acre. Numerically, the range is from 1,781 trip ends in Zone 12 to 7,207 trip ends in Zone 5. Mandan has one zone (151) in the same category (over 400 trip ends per acre) and it is also located in that city's central business district. The nine high density traffic zones of the

Bismarck and Mandan central business districts listed above have a combined area of only 77.4 acres, but claimed 16% of all trip ends for internal zones in the study area.

About 19% of the trip ends shown for internal zones represent truck trips. Taxi trips are almost negligible representing only 1.3% of the total trip ends. Both truck and taxi trips tend to be concentrated in the central business districts. The numbers of truck trip ends in other zones have an apparent relation to commercial and industrial developments but do not show any notable pattern.

#### Trips to and from the Central Business District

Of special interest in this study are traffic movements between the central business district and other zones within or outside of the study area. Approximate desire lines for these movements are shown on Maps 6 and 7. To simplify the presentation, traffic zones have been combined into larger areas, which have been lettered A to Y. The number of trips between each of these areas and the central business districts is indicated by the width of the desire line band and is also shown numerically within each of the lettered areas.

About 21% of all trips in the study area had one end in the Bismarck or Mandan central business districts. The proportion was highest (37%) for taxi trips and lowest (10%) for external-internal truck trips. Approximately 21% of the internal and 13% of the external-internal passenger car trips had one end in the central business districts.

It is notable that about 30% of all trip ends in the Bismarck central business district were in Zones 4 and 5. Zones 8 and 9, however, which are very small delineated zones, have the highest density of trip ends with 736 and 758 trip ends per acre respectively. Zone 151 in Mandan, had 33% of all trip ends in the Mandan CBD, and also had the highest trip density with 612 trip ends per acre.

#### Trips to Other Zones of High Attraction

Other zones of above average attraction in Bismarck and Mandan are primarily those zones on the fringe of the CBD. Many of these zones include a mixture of land use including commercial, services, and high density residential. The Arrowhead Plaza, Northbrook Shopping Center, and the State Capitol Grounds also deserve mention, although none of these approach the high attraction of the two central business districts.<sup>5</sup>

These special zones were noted because of their high attraction for

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<sup>5/</sup> It should be noted that neither Kirkwood Plaza or the Bismarck Civic Center were completed at the time of the transportation study surveys.

either internal or external trips to relatively small areas. But they are not necessarily the zones with the greatest numbers of trip ends. Some of the larger residential zones are the origin and destination for as many as 6,000 trips per day. The terminal point in the case of the residential zones is usually the home of the person making the trip, and the number of trips so produced is roughly proportional to the population of the zones.

TABLE 4  
TRIPS TO AND FROM ZONES OF SPECIAL ATTRACTION

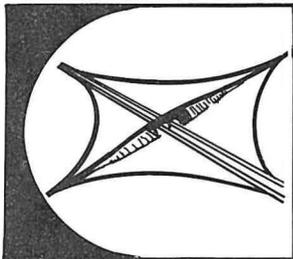
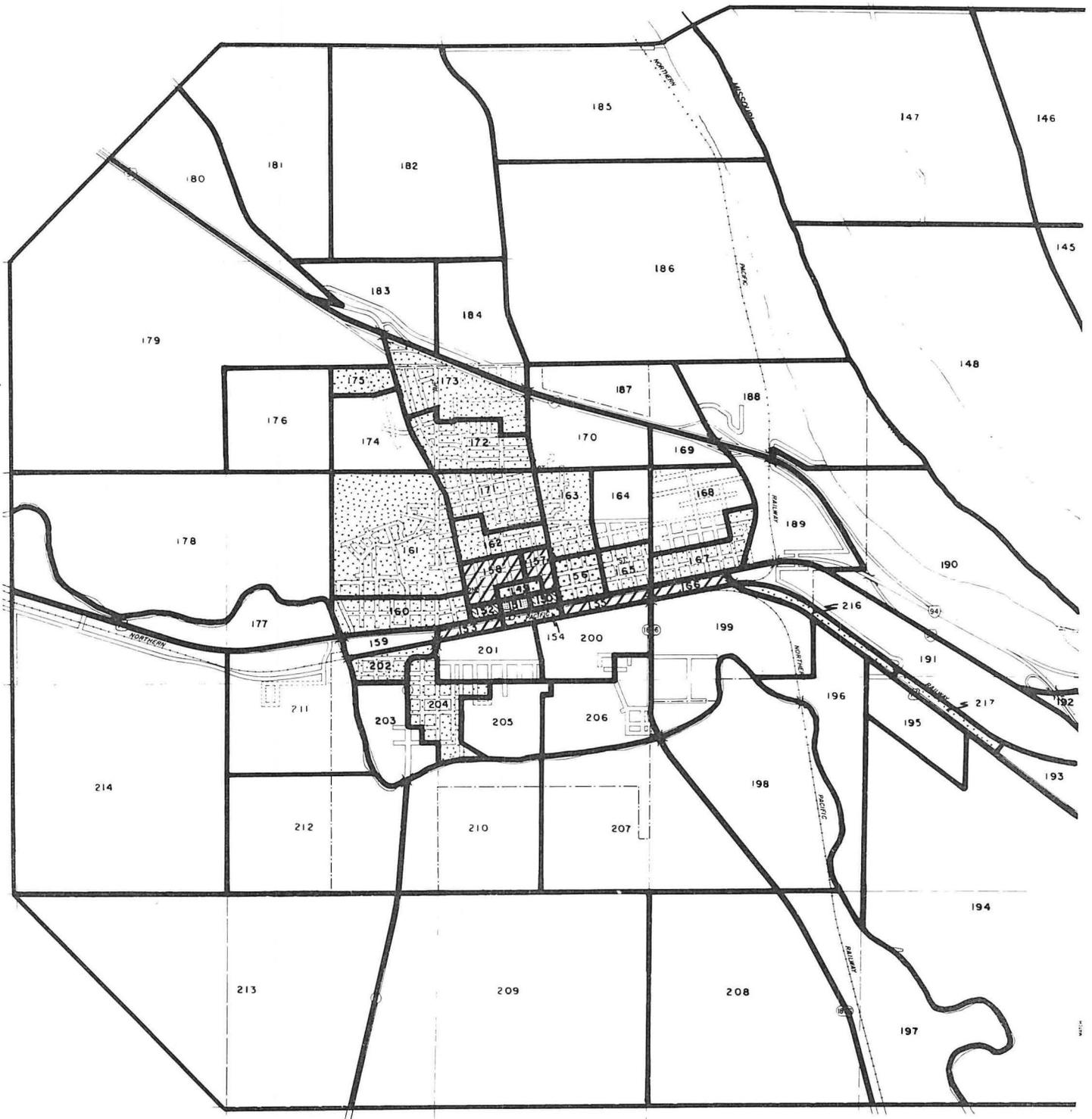
Zones	Attraction	Trips to or from Internal Zones	Trips to or from External Zones
01 - 10	Bismarck CBD	45,261	2,702
52 - 54	State Capitol Grounds	5,308	468
149 - 154	Mandan CBD	11,086	829

#### Through Trips

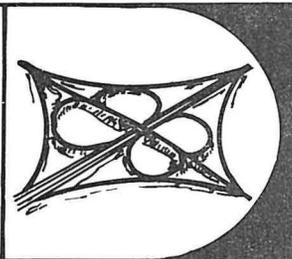
Through trips made up about 1.4% of the total daily trips in the study area. The number of these trips between stations of entry or exit from the study area is shown on Map 8. All external to external trips are recorded on the map, since their number is in all cases relatively small. Of the 2,009 through trips, 824 passed through station 229 on the east boundary of the study area where I-94 crosses the cordon line. A similarly large number (757 through trips) crossed the west cordon line on I-94. The next highest number of through trips (167) crossing the cordon line was recorded at external station 227 on US 83 North. It is apparent that the movement of through trips in the Bismarck-Mandan area has been greatly facilitated by the completion of I-94. This facility carries 78.7% of all through trips in the study area and eliminates the considerable delays associated with traversing the area via central business district arterials.

**MAP 5**

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**BISMARCK - MANDAN  
URBAN AREA  
TRANSPORTATION STUDY**

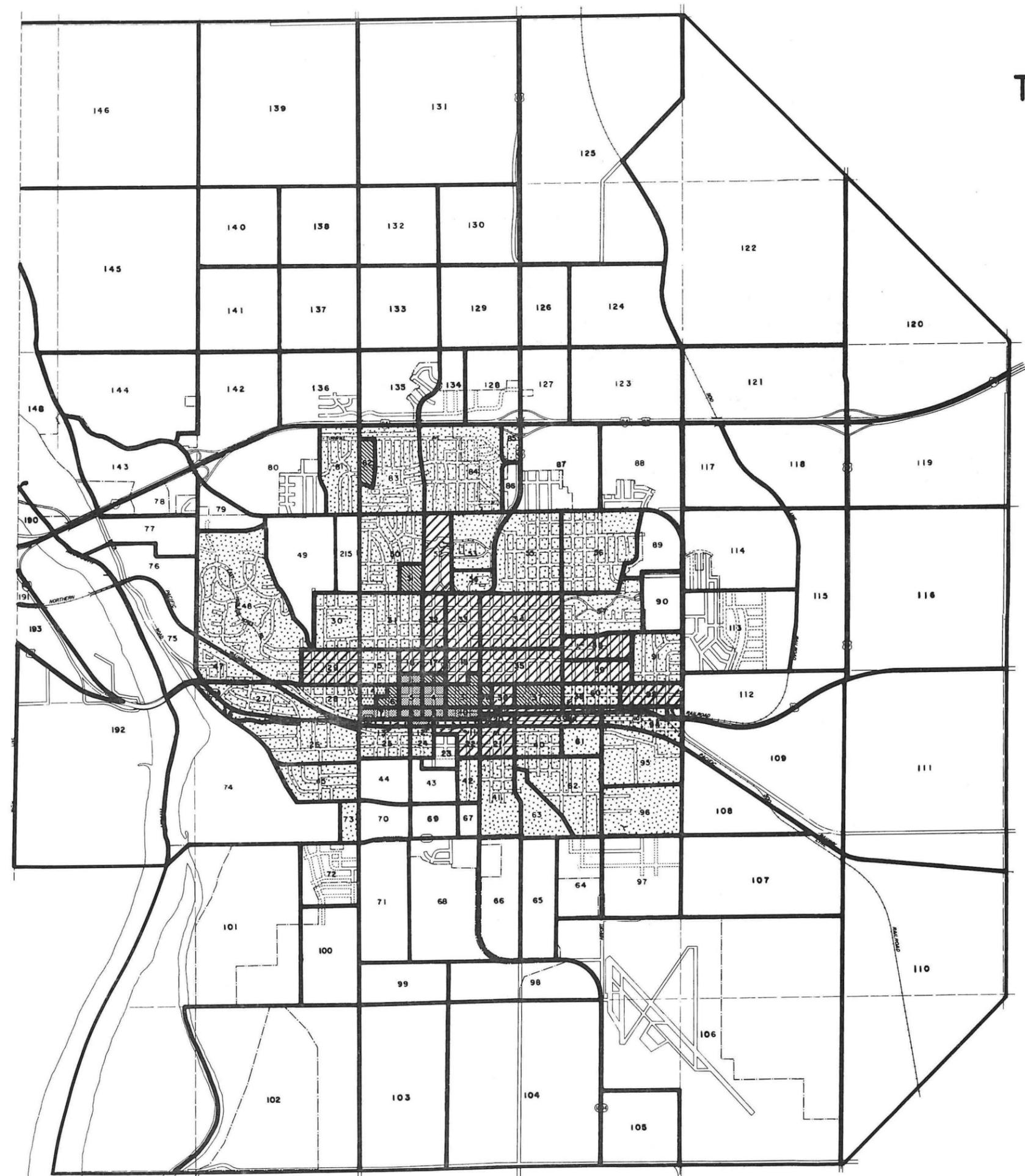


MAP 5  
**TRIP DENSITY BY TRAFFIC  
 ASSIGNMENT ZONE**



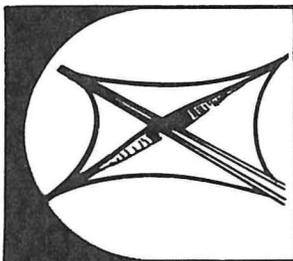
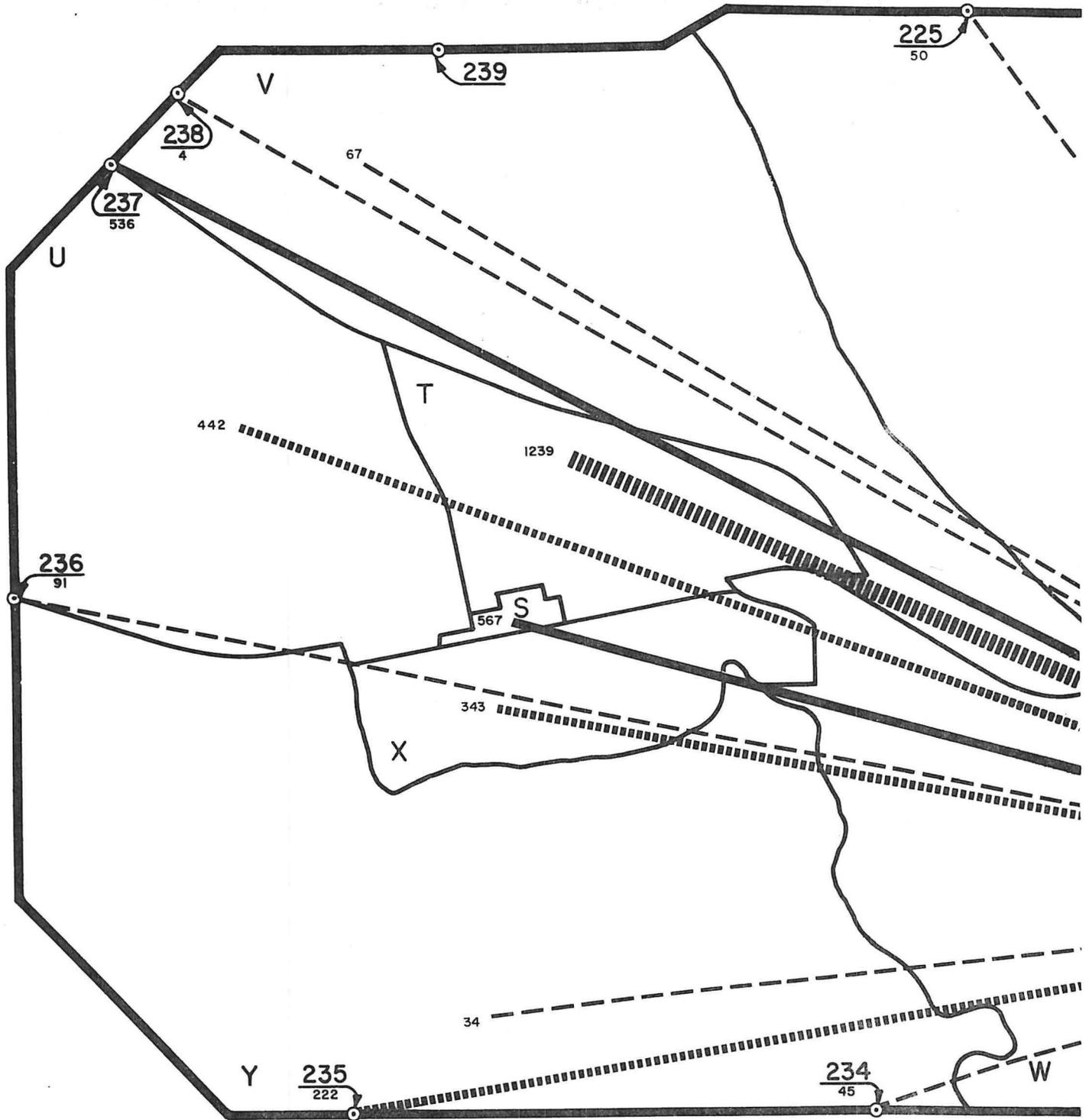
**LEGEND**

TRIP ENDS PER ACRE	
15 OR LESS	
16 - 50	
51 - 100	
101 - 200	
201 - 400	
401-AND OVER	
ZONE NUMBER	000
ZONE BOUNDARY	

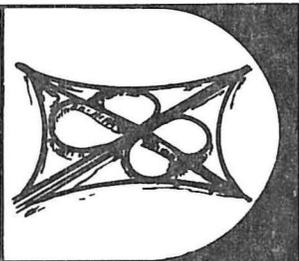


**MAP 6**

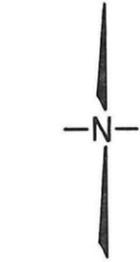
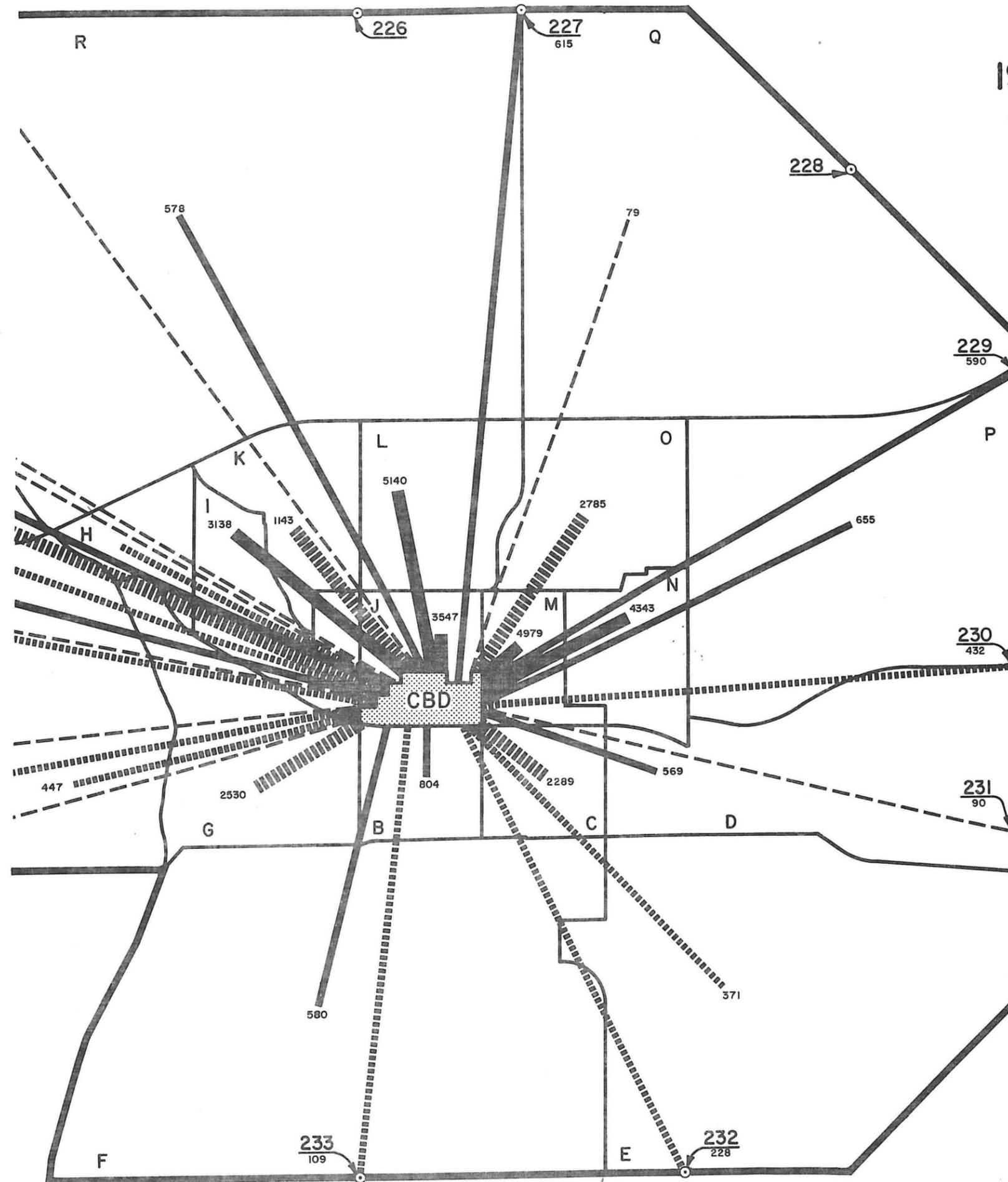
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BISMARCK - MANDAN  
 URBAN AREA  
 TRANSPORTATION STUDY

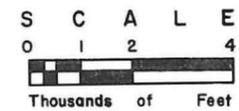


MAP 6  
 1968 TRIPS TO & FROM  
 THE BISMARCK C.B.D.



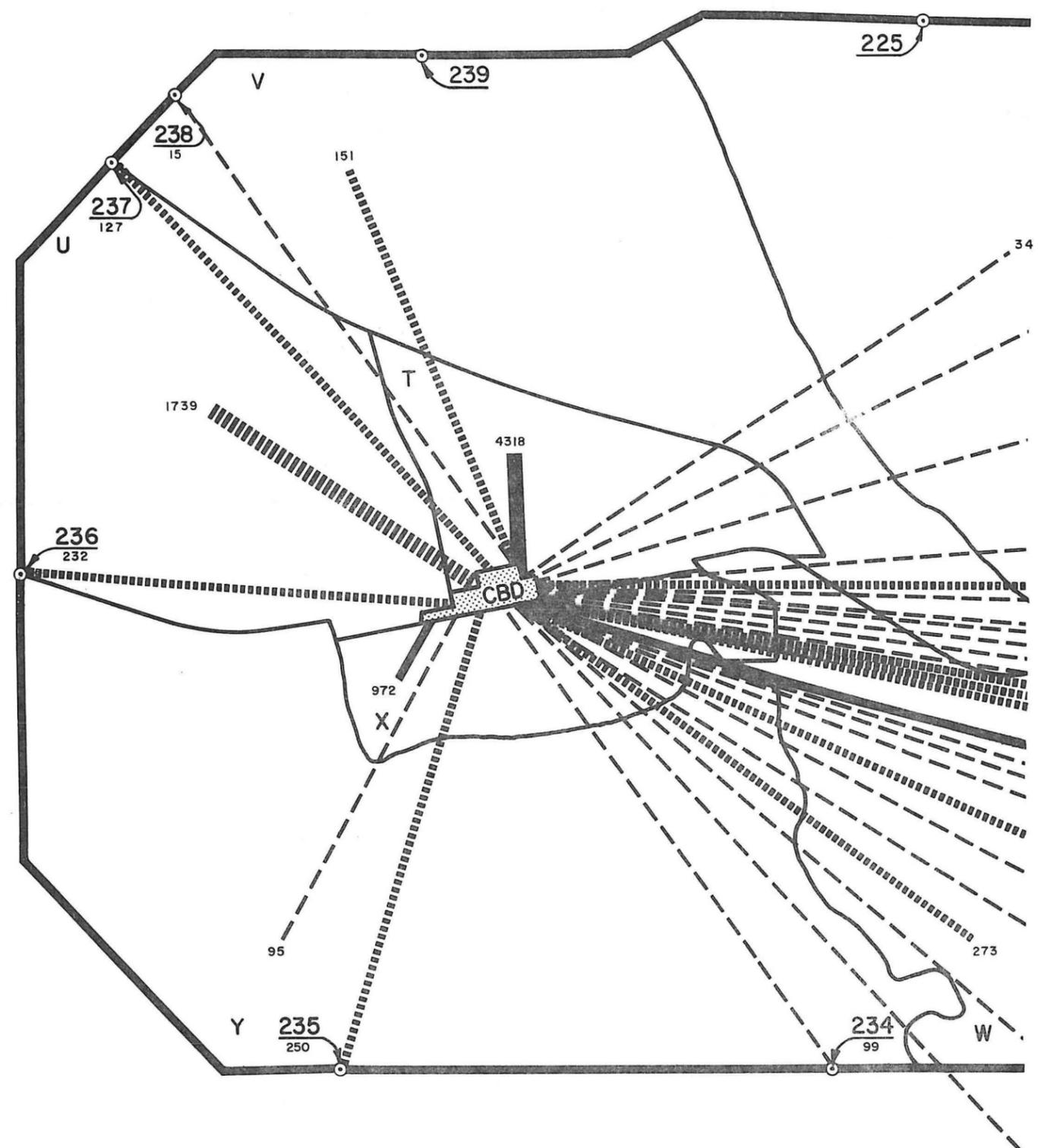
**LEGEND**

- VEHICLES PER DAY
- 0 - 100
- 100 - 500
- 500 - 1000
- 1000 - 3000
- 3000 - 6000
- EXTERNAL STATION & NUMBER OF TRIPS
- AREA AND AREA LETTER



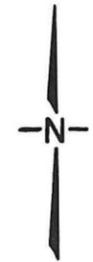
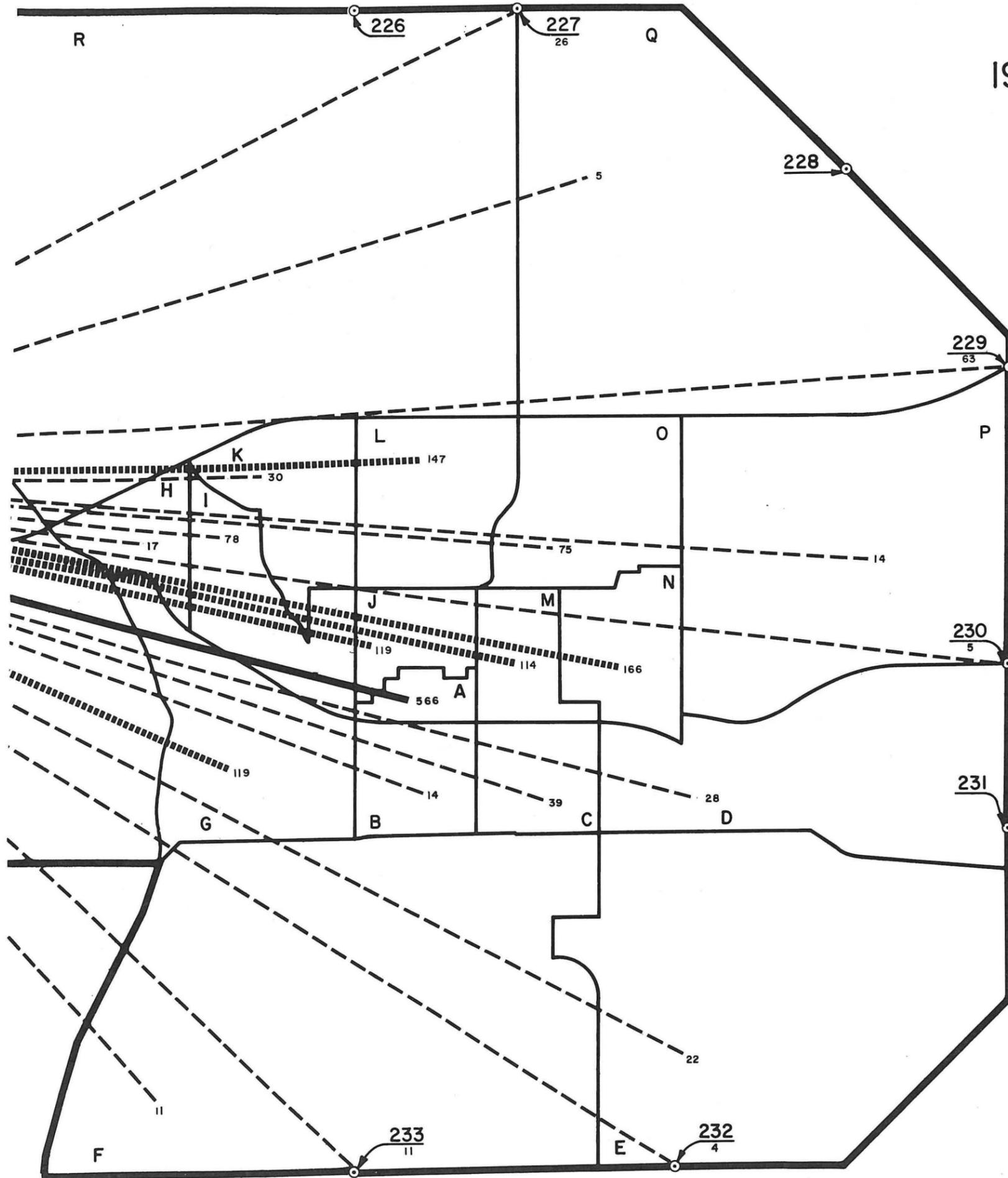
MAP 7

MANDAN  
CBD  
TRIPS



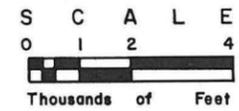
	<p><b>BISMARCK - MANDAN URBAN AREA TRANSPORTATION STUDY</b></p>	
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MAP 7  
 1968 TRIPS TO & FROM  
 THE MANDAN C.B.D.



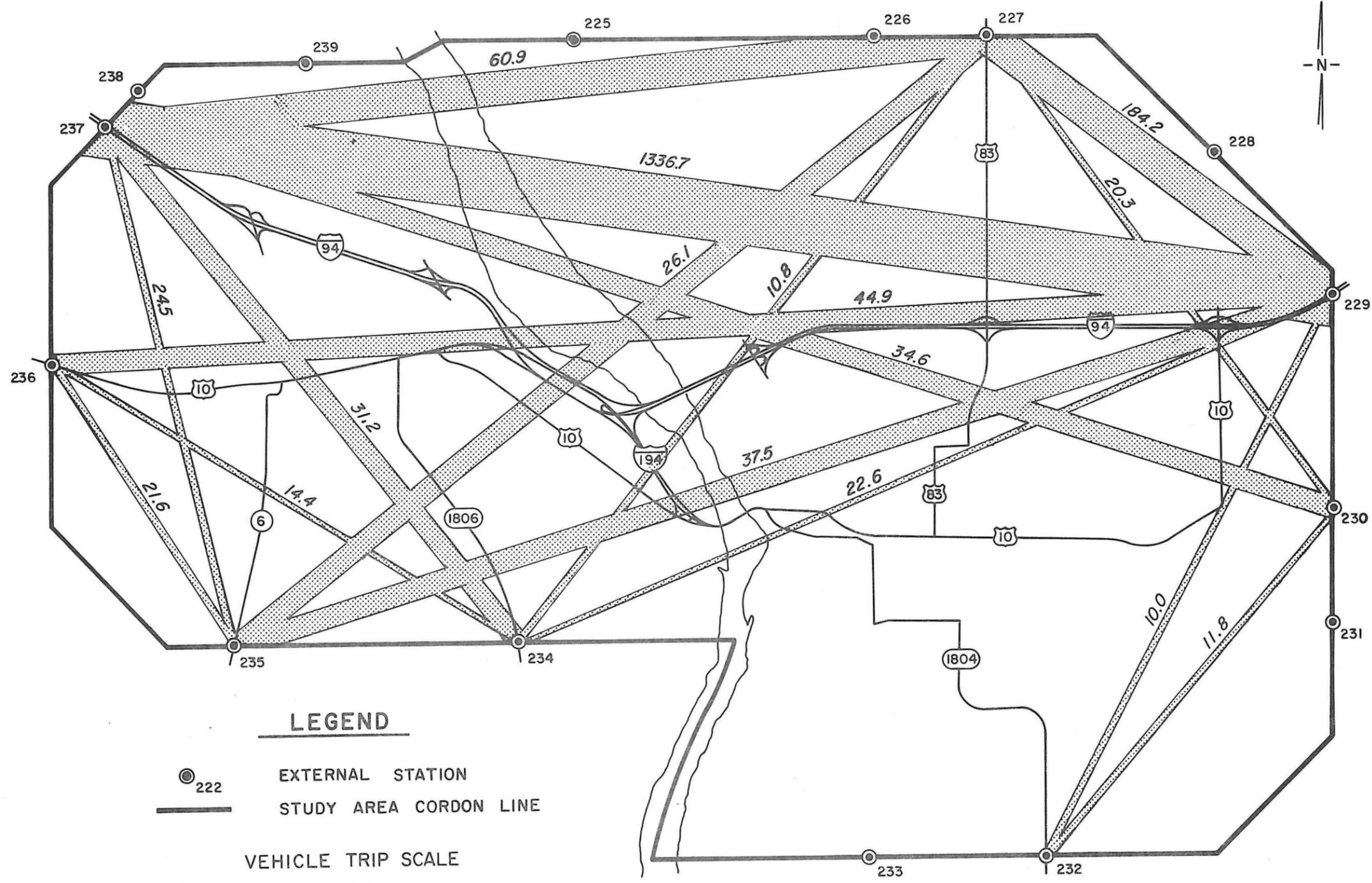
**LEGEND**

- VEHICLES PER DAY
- 0 - 100
- 100 - 500
- 500 - 1000
- 1000 - 3000
- 3000 - 6000
- EXTERNAL STATION & NUMBER OF TRIPS
- AREA AND AREA LETTER





# TRIPS BETWEEN EXTERNAL STATIONS Average Summer Weekday



### LEGEND

- 222 EXTERNAL STATION
- STUDY AREA CORDON LINE

### VEHICLE TRIP SCALE

- 10-25 TRIPS
- 25-50 TRIPS
- 50 - 250 TRIPS
- 250 TRIPS AND ABOVE
- 00.0 ACTUAL NUMBER OF TRIPS

BISMARCK - MANDAN  
URBAN AREA  
TRANSPORTATION STUDY

MAP 8

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APPENDIX

	<u>Page</u>
Screenline Check .....	A- 1
External Cordon Check .....	A- 7
Dwelling Unit Summary .....	A-13
Trip Purposes .....	A-23
Vehicle Trip Ends .....	A-34
Zone to Zone Movements .....	A-44
Interview Forms .....	A-71

Table A-1

COMPARISON OF TRIPS CROSSING RIVER SCREENLINE (ORIGINAL)  
 BASED ON ORIGIN TIME

Time	Expanded Trip Data				Total	Machine
	Taxi	Truck	External	Internal		
6:00 - 7:00 A.M.	0.0	47.2	72.8	127.1	248.1	242
7:00 - 8:00 A.M.	0.0	102.3	197.4	567.1	866.8	880
8:00 - 9:00 A.M.	2.0	107.6	243.4	347.9	700.9	733
9:00 - 10:00 A.M.	3.0	78.9	306.1	225.2	613.2	751
10:00 - 11:00 A.M.	3.0	76.8	411.8	292.5	784.1	849
11:00 - 12:00 A.M.	2.0	64.8	374.6	374.2	815.6	931
12:00 - 1:00 P.M.	1.0	52.5	336.8	466.6	856.9	976
1:00 - 2:00 P.M.	6.0	73.6	355.3	466.3	901.2	1036
2:00 - 3:00 P.M.	1.0	102.6	334.5	337.5	775.6	1023
3:00 - 4:00 P.M.	9.0	138.7	341.3	482.2	971.2	1051
4:00 - 5:00 P.M.	2.0	92.1	405.0	572.2	1071.3	1271
5:00 - 6:00 P.M.	2.0	116.1	383.2	686.3	1187.6	1343
6:00 - 7:00 P.M.	0.0	51.6	331.0	404.6	787.2	1004
7:00 - 8:00 P.M.	2.0	12.6	312.7	632.5	959.8	960
8:00 - 9:00 P.M.	0.0	8.5	213.0	565.8	787.3	914
15 Hours	33.0	1125.9	4618.9	6549.0	12326.8	13,964

A-1

Table A-2

COMPARISON OF TRIPS CROSSING RIVER SCREENLINE (FACTORED)  
 BASED ON ORIGIN TIME

Time	Expanded Trip Data				Total	Machine
	Taxi	Truck	External	Internal		
6:00 - 7:00 A.M.	0.0	59.0	72.8	140.9	272.7	242
7:00 - 8:00 A.M.	0.0	127.9	197.4	628.5	953.8	880
8:00 - 9:00 A.M.	2.0	134.5	243.4	390.9	770.8	733
9:00 - 10:00 A.M.	3.0	98.6	306.1	269.7	677.4	751
10:00 - 11:00 A.M.	3.0	96.0	411.8	350.9	861.7	849
11:00 - 12:00 A.M.	2.0	81.0	374.6	442.4	900.0	931
12:00 - 1:00 P.M.	1.0	65.6	336.8	542.5	945.9	976
1:00 - 2:00 P.M.	6.0	92.0	355.3	561.5	1014.8	1036
2:00 - 3:00 P.M.	1.0	128.3	334.5	410.3	874.1	1023
3:00 - 4:00 P.M.	9.0	173.4	341.3	587.4	1111.1	1051
4:00 - 5:00 P.M.	2.0	115.1	405.0	680.2	1202.3	1271
5:00 - 6:00 P.M.	2.0	145.1	383.2	810.7	1341.0	1343
6:00 - 7:00 P.M.	0.0	64.5	331.0	506.9	902.4	1004
7:00 - 8:00 P.M.	2.0	15.8	312.7	842.4	1172.9	960
8:00 - 9:00 P.M.	0.0	10.6	213.0	760.6	984.2	914
15 Hours	33.0	1407.4	4618.9	7925.8	13985.1	13,964

Table A-3

COMPARISON OF TRIPS CROSSING BISMARCK SCREENLINE (ORIGINAL)  
 BASED ON ORIGIN TIME

Time	Expanded Trip Data				Total	Machine
	Taxi	Truck	External	Internal		
6:00 - 7:00 A.M.	5.0	17.6	39.6	223.5	285.7	446
7:00 - 8:00 A.M.	8.0	188.0	160.2	1008.6	1364.8	1624
8:00 - 9:00 A.M.	2.0	267.2	118.6	747.7	1135.5	1501
9:00 - 10:00 A.M.	11.0	201.8	134.4	387.5	734.7	1226
10:00 - 11:00 A.M.	6.0	175.4	193.7	483.2	858.3	1368
11:00 - 12:00 A.M.	11.0	228.8	147.3	514.0	901.1	1749
12:00 - 1:00 P.M.	2.0	206.5	122.7	1269.0	1600.2	2240
1:00 - 2:00 P.M.	2.0	249.9	177.3	667.7	1096.9	1882
2:00 - 3:00 P.M.	9.0	148.4	160.9	558.6	876.9	1667
3:00 - 4:00 P.M.	10.0	174.8	168.7	562.7	916.2	1797
4:00 - 5:00 P.M.	9.0	276.9	209.1	875.4	1370.4	2192
5:00 - 6:00 P.M.	16.0	227.9	247.7	1162.8	1654.4	2432
6:00 - 7:00 P.M.	3.0	47.8	170.5	792.4	1013.7	1562
7:00 - 8:00 P.M.	3.0	22.0	155.2	773.6	953.8	1489
8:00 - 9:00 P.M.	0.0	17.6	138.1	735.1	890.8	1306
15 Hours	97.0	2450.6	2344.0	10761.8	15653.4	24,481

Table A-4

COMPARISON OF TRIPS CROSSING BISMARCK SCREENLINE (FACTORED)  
 BASED ON ORIGIN TIME

Time	Expanded Trip Data				Total	Machine
	Taxi	Truck	External	Internal		
6:00 - 7:00 A.M.	5.0	31.9	39.6	251.5	328.0	446
7:00 - 8:00 A.M.	8.0	347.2	160.2	1114.2	1629.6	1624
8:00 - 9:00 A.M.	2.0	505.2	118.6	845.9	1471.7	1501
9:00 - 10:00 A.M.	11.0	387.1	134.4	465.9	998.4	1226
10:00 - 11:00 A.M.	6.0	337.8	193.7	571.7	1109.2	1368
11:00 - 12:00 A.M.	11.0	444.4	147.3	606.9	1209.6	1749
12:00 - 1:00 P.M.	2.0	403.1	122.7	1435.3	1963.1	2240
1:00 - 2:00 P.M.	2.0	477.4	177.3	789.3	1446.0	1882
2:00 - 3:00 P.M.	9.0	280.8	160.9	684.9	1135.6	1667
3:00 - 4:00 P.M.	10.0	330.5	168.7	672.4	1181.6	1797
4:00 - 5:00 P.M.	9.0	527.4	209.1	1040.0	1785.5	2192
5:00 - 6:00 P.M.	16.0	436.5	247.7	1352.5	2052.7	2432
6:00 - 7:00 P.M.	3.0	79.6	170.5	973.4	1226.5	1562
7:00 - 8:00 P.M.	3.0	44.0	155.2	1015.3	1217.5	1489
8:00 - 9:00 P.M.	0.0	35.2	138.1	1000.2	1173.5	1306
15 Hours	97.0	4668.1	2344.0	12819.4	19928.5	24,481

A-4

Table A-5

COMPARISON OF TRIPS CROSSING MANDAN SCREENLINE (ORIGINAL)  
 BASED ON ORIGIN TIME

Time	Expanded Trip Data				Total	Machine
	Taxi	Truck	External	Internal		
6:00 - 7:00 A.M.	0.0	25.2	9.1	40.3	74.6	143
7:00 - 8:00 A.M.	0.0	36.9	87.1	262.8	386.8	462
8:00 - 9:00 A.M.	3.0	41.3	115.1	156.4	315.8	488
9:00 - 10:00 A.M.	3.0	38.1	136.9	121.1	299.1	412
10:00 - 11:00 A.M.	6.0	20.8	147.7	157.0	331.5	449
11:00 - 12:00 A.M.	2.0	21.4	147.5	208.0	378.9	518
12:00 - 1:00 P.M.	4.0	8.2	136.8	213.2	362.2	634
1:00 - 2:00 P.M.	8.0	29.6	143.3	238.1	419.0	513
2:00 - 3:00 P.M.	0.0	58.3	155.9	212.6	426.8	474
3:00 - 4:00 P.M.	4.0	20.8	159.9	236.8	421.5	552
4:00 - 5:00 P.M.	3.0	25.2	171.0	313.2	512.4	771
5:00 - 6:00 P.M.	5.0	33.1	186.4	355.3	579.8	787
6:00 - 7:00 P.M.	0.0	8.2	162.8	233.2	404.2	652
7:00 - 8:00 P.M.	0.0	12.3	144.6	355.0	511.9	607
8:00 - 9:00 P.M.	4.0	12.3	117.2	207.8	341.3	518
15 Hours	42.0	391.7	2021.3	3310.8	5765.8	7,980

A-5

Table A-6

COMPARISON OF TRIPS CROSSING MANDAN SCREENLINE (FACTORED)  
 BASED ON ORIGIN TIME

Time	Expanded Trip Data				Total	Machine
	Taxi	Truck	External	Internal		
6:00 - 7:00 A.M.	0.0	47.3	9.1	44.3	100.7	143
7:00 - 8:00 A.M.	0.0	73.8	87.1	292.1	453.0	462
8:00 - 9:00 A.M.	3.0	76.5	115.1	176.1	370.7	488
9:00 - 10:00 A.M.	3.0	76.2	136.9	156.9	373.0	412
10:00 - 11:00 A.M.	6.0	41.6	147.7	210.6	405.9	449
11:00 - 12:00 A.M.	2.0	42.8	147.5	258.2	450.5	518
12:00 - 1:00 P.M.	4.0	16.4	136.8	243.6	400.8	634
1:00 - 2:00 P.M.	8.0	59.2	143.3	290.9	501.4	513
2:00 - 3:00 P.M.	0.0	100.8	155.9	266.4	523.1	474
3:00 - 4:00 P.M.	4.0	38.3	159.9	280.7	482.9	552
4:00 - 5:00 P.M.	3.0	58.6	171.0	370.7	603.3	771
5:00 - 6:00 P.M.	5.0	56.8	186.4	433.9	682.1	787
6:00 - 7:00 P.M.	0.0	13.3	162.8	292.0	468.1	652
7:00 - 8:00 P.M.	0.0	21.5	144.6	467.2	633.3	607
8:00 - 9:00 P.M.	4.0	21.5	117.2	287.0	429.7	518
15 Hours	42.0	744.6	2021.3	4070.6	6878.5	7,980

Table A-7

## PASSENGER CAR TRIPS CROSSING EXTERNAL CORDON LINE

## Trips by Residents of the Study Area

Time	Initial Trip Data		Percent Internal/External
	Internal	External	
6:00 - 7:00 A.M.	30.6	58.8	52.0
7:00 - 8:00 A.M.	143.9	176.2	81.7
8:00 - 9:00 A.M.	184.2	253.4	72.7
9:00 - 10:00 A.M.	178.6	215.9	82.7
10:00 - 11:00 A.M.	199.5	231.8	86.1
11:00 - 12:00 A.M.	158.1	199.4	79.3
12:00 - 1:00 P.M.	144.9	179.4	80.8
1:00 - 2:00 P.M.	210.1	225.4	93.2
2:00 - 3:00 P.M.	230.7	248.3	92.9
3:00 - 4:00 P.M.	236.7	254.5	66.8
4:00 - 5:00 P.M.	327.8	354.3	92.5
5:00 - 6:00 P.M.	333.8	283.1	117.9
6:00 - 7:00 P.M.	323.8	318.4	101.7
7:00 - 8:00 P.M.	312.7	327.6	95.5
8:00 - 9:00 P.M.	252.4	356.7	70.8
15 Hour Total	3267.8	3683.2	88.7

Table A-8

## PASSENGER CAR TRIPS CROSSING EXTERNAL CORDON LINE

## Trips by Residents of the Study Area

Time	Adjusted Trip Data		Percent Internal/External
	Internal	External	
6:00 - 7:00 A.M.	42.7	58.8	72.6
7:00 - 8:00 A.M.	194.5	176.2	110.4
8:00 - 9:00 A.M.	249.5	253.4	98.5
9:00 - 10:00 A.M.	206.2	215.9	95.5
10:00 - 11:00 A.M.	259.1	231.8	111.8
11:00 - 12:00 A.M.	208.9	199.4	104.8
12:00 - 1:00 P.M.	204.9	179.4	114.2
1:00 - 2:00 P.M.	276.1	225.4	122.5
2:00 - 3:00 P.M.	236.6	248.3	95.3
3:00 - 4:00 P.M.	292.6	254.5	115.0
4:00 - 5:00 P.M.	405.8	354.3	114.5
5:00 - 6:00 P.M.	440.2	283.1	155.5
6:00 - 7:00 P.M.	465.0	318.4	146.0
7:00 - 8:00 P.M.	423.9	327.6	129.4
8:00 - 9:00 P.M.	257.5	356.7	72.2
15 Hour Total	4163.5	3683.2	113.0

Table A-9

## TRUCK TRIPS CROSSING EXTERNAL CORDON LINE

Trips by Trucks Registered in the Study Area

Time	Initial Trip Data		Percent Internal/External
	Internal	External	
6:00 - 7:00 A.M.	34.3	57.3	60.0
7:00 - 8:00 A.M.	100.3	100.0	100.0
8:00 - 9:00 A.M.	189.4	115.1	164.6
9:00 - 10:00 A.M.	109.1	129.2	84.4
10:00 - 11:00 A.M.	133.1	114.9	115.8
11:00 - 12:00 A.M.	68.6	116.5	58.9
12:00 - 1:00 P.M.	69.2	72.4	95.6
1:00 - 2:00 P.M.	99.1	106.4	93.1
2:00 - 3:00 P.M.	97.3	109.8	88.6
3:00 - 4:00 P.M.	64.2	117.0	54.9
4:00 - 5:00 P.M.	164.5	116.6	141.1
5:00 - 6:00 P.M.	186.2	199.6	93.3
6:00 - 7:00 P.M.	94.1	100.0	94.1
7:00 - 8:00 P.M.	39.0	88.1	44.3
8:00 - 9:00 P.M.	8.8	67.6	13.0
15 Hour Total	1457.2	1610.5	90.5

Table A-10

## TRUCK TRIPS CROSSING EXTERNAL CORDON LINE

Trips by Trucks Registered in the Study Area

Time	Adjusted Trip Data		Percent Internal/External
	Internal	External	
6:00 - 7:00 A.M.	65.3	57.3	114.0
7:00 - 8:00 A.M.	183.0	100.0	183.0
8:00 - 9:00 A.M.	342.9	115.1	297.9
9:00 - 10:00 A.M.	201.7	129.2	156.1
10:00 - 11:00 A.M.	240.0	114.9	208.9
11:00 - 12:00 A.M.	127.3	116.5	109.3
12:00 - 1:00 P.M.	132.0	72.4	182.3
1:00 - 2:00 P.M.	191.6	106.4	180.1
2:00 - 3:00 P.M.	169.0	109.8	153.9
3:00 - 4:00 P.M.	118.9	117.0	101.6
4:00 - 5:00 P.M.	286.3	116.6	245.5
5:00 - 6:00 P.M.	349.5	199.6	175.1
6:00 - 7:00 P.M.	178.5	100.0	178.5
7:00 - 8:00 P.M.	74.7	88.1	84.8
8:00 - 9:00 P.M.	14.3	67.6	21.2
15 Hours Total	2675.0	1610.5	166.1

Table A-11

## PASSENGER CAR AND TRUCK TRIPS CROSSING EXTERNAL CORDON LINE

## Trips by Residents of the Study Area

Time	Initial Trip Data		Percent Internal/External
	Internal	External	
6:00 - 7:00 A.M.	64.9	116.1	55.9
7:00 - 8:00 A.M.	244.2	276.2	88.4
8:00 - 9:00 A.M.	373.6	368.5	101.4
9:00 - 10:00 A.M.	287.7	345.1	83.4
10:00 - 11:00 A.M.	332.6	346.7	95.9
11:00 - 12:00 A.M.	226.7	315.9	71.8
12:00 - 1:00 P.M.	214.1	251.8	85.0
1:00 - 2:00 P.M.	309.2	331.8	93.2
2:00 - 3:00 P.M.	328.0	358.1	91.6
3:00 - 4:00 P.M.	300.9	371.5	81.0
4:00 - 5:00 P.M.	492.3	470.9	104.5
5:00 - 6:00 P.M.	520.0	482.7	107.7
6:00 - 7:00 P.M.	417.9	418.4	99.9
7:00 - 8:00 P.M.	351.7	415.7	84.6
8:00 - 9:00 P.M.	261.2	424.3	61.6
15 Hour Total	4725.0	5293.7	89.2

Table A-12

## PASSENGER CAR AND TRUCK TRIPS CROSSING EXTERNAL CORDON LINE

## Trips by Residents of the Study Area

Time	Adjusted Trip Data		Percent Internal/External
	Internal	External	
6:00 - 7:00 A.M.	108.0	116.1	93.0
7:00 - 8:00 A.M.	377.5	276.2	136.7
8:00 - 9:00 A.M.	592.4	368.5	160.8
9:00 - 10:00 A.M.	407.9	345.1	118.2
10:00 - 11:00 A.M.	499.1	346.7	144.0
11:00 - 12:00 A.M.	336.2	315.9	106.4
12:00 - 1:00 P.M.	336.9	251.8	133.8
1:00 - 2:00 P.M.	467.7	331.8	141.0
2:00 - 3:00 P.M.	405.6	358.1	113.3
3:00 - 4:00 P.M.	411.5	371.5	110.8
4:00 - 5:00 P.M.	692.1	470.9	147.0
5:00 - 6:00 P.M.	789.7	482.7	163.6
6:00 - 7:00 P.M.	643.5	418.4	153.8
7:00 - 8:00 P.M.	498.6	415.7	119.9
8:00 - 9:00 P.M.	271.8	424.3	64.1
15 Hour Total	6838.5	5293.7	129.2

Table A-13

## DWELLING UNIT SUMMARY

Traffic Assignment Zones	Number of Occupied Dwelling Units	Number of Cars Owned	Total Number of Persons *	Persons 5 Years of Age & Over	Persons 5 Years of Age and Over Making Trips
01	5.3	5.3	21.2	21.2	0.0
02	15.6	0.0	31.2	31.2	10.4
03	142.0	100.1	288.9	236.2	147.2
04	0.0	0.0	0.0	0.0	0.0
05	68.9	37.1	84.8	68.9	31.8
06	31.8	5.3	37.1	37.1	10.6
07	21.2	15.9	53.0	47.7	21.2
08	26.5	10.6	37.1	37.1	10.6
09	31.8	15.9	47.7	47.7	15.9
10	37.1	10.6	53.0	47.7	15.9
11	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0
14	109.2	98.8	213.2	192.4	156.0
15	202.8	176.8	473.2	416.0	239.2
16	104.0	72.8	234.0	228.8	161.2
17	98.8	57.2	208.0	202.8	135.2
18	234.0	197.6	457.6	457.6	291.2
19	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0
21	55.0	40.0	185.0	165.0	115.0
22	40.8	35.7	96.9	86.7	45.9

\* Does not include all Group Quarters Population

Table A-13(continued)

Traffic Assignment Zones	Number of Occupied Dwelling Units	Number of Cars Owned	Total Number of Persons	Persons 5 Years of Age & Over	Persons 5 Years of Age and Over Making Trips
23	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0
25	56.1	45.9	117.3	102.0	51.0
26	165.0	242.0	610.5	544.5	346.5
27	203.5	269.5	632.5	561.0	451.0
28	122.4	173.4	448.8	423.3	265.2
29	188.7	255.0	586.5	425.3	438.6
30	158.1	229.5	530.4	489.6	321.3
31	364.0	483.6	1008.8	951.6	707.2
32	161.2	161.2	364.0	332.8	260.0
33	291.2	343.2	748.8	702.0	514.8
34	601.8	724.2	1657.5	1530.0	1065.9
35	459.0	617.1	1514.7	1377.0	943.5
36	112.2	96.9	214.2	204.0	137.7
37	147.9	158.1	520.2	402.9	265.2
38	0.0	0.0	0.0	0.0	0.0
39	0.0	0.0	0.0	0.0	0.0
40	70.0	90.0	210.0	195.0	130.0
41	180.0	270.0	675.0	575.0	455.0
42	86.7	96.9	275.4	219.3	183.6
43	0.0	0.0	0.0	0.0	0.0
44	0.0	0.0	0.0	0.0	0.0
45	137.5	209.0	583.0	478.5	324.5

Table A-13 (continued)

Traffic Assignment Zones	Number of Occupied Dwelling Units	Number of Cars Owned	Total Number of Persons	Persons 5 Years of Age & Over	Persons 5 Years of Age and Over Making Trips
46	0.0	0.0	0.0	0.0	0.0
47	81.6	137.7	239.7	214.2	219.3
48	453.9	836.4	1876.8	1698.3	1234.2
49	0.0	0.0	0.0	0.0	0.0
50	416.0	618.8	1320.8	1159.6	826.8
51	83.2	88.4	140.4	130.0	135.2
52	0.0	0.0	0.0	0.0	0.0
53	0.0	0.0	0.0	0.0	0.0
54	0.0	0.0	0.0	0.0	0.0
55	479.4	698.7	1616.7	1422.9	1035.3
56	494.7	780.3	1805.4	1565.7	1106.7
57	183.6	290.7	749.7	708.9	489.6
58	239.7	357.0	923.1	739.5	484.5
59	219.3	316.2	785.4	719.1	515.1
60	81.6	107.1	285.6	260.1	178.5
61	15.0	30.0	85.0	75.0	35.0
62	255.0	365.0	1045.0	935.0	640.0
63	135.0	210.0	435.0	340.0	270.0
64	0.0	0.0	0.0	0.0	0.0
65	6.7	15.6	57.2	36.4	5.2
66	151.0	223.6	691.6	556.4	369.2
67	0.0	0.0	0.0	0.0	0.0
68	0.0	0.0	0.0	0.0	0.0

Table A-13 (continued)

Traffic Assignment Zones	Number of Occupied Dwelling Units	Number of Cars Owned	Total Number of Persons	Persons 5 Years of Age & Over	Persons 5 Years of Age and Over Making Trips
69	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.0
71	0.0	0.0	0.0	0.0	0.0
72	20.0	20.0	65.0	55.0	35.0
73	0.0	0.0	0.0	0.0	0.0
74	33.0	54.6	136.7	114.7	76.2
75	15.3	20.4	45.9	40.8	40.8
76	0.0	0.0	0.0	0.0	0.0
77	61.2	25.5	102.0	102.0	66.3
78	5.1	15.3	20.4	20.4	20.4
79	0.0	0.0	0.0	0.0	0.0
80	130.0	218.4	587.6	504.4	384.8
81	270.4	457.6	1274.0	1102.4	774.8
82	0.0	0.0	0.0	0.0	0.0
83	343.2	551.2	1367.6	1216.8	977.6
84	348.4	499.2	1419.6	1216.8	837.2
85	0.0	0.0	0.0	0.0	0.0
86	20.8	20.8	41.6	41.6	31.2
87	66.3	91.8	255.0	214.2	178.5
88	20.4	30.6	71.4	61.2	35.7
89	5.1	5.1	25.5	20.4	20.4
90	5.1	15.3	15.3	15.3	10.2
91	239.7	489.6	1132.2	974.1	744.6

Table A-13 (continued)

Traffic Assignment Zones	Number of Occupied Dwelling Units	Number of Cars Owned	Total Number of Persons	Persons 5 Years of Age & Over	Persons 5 Years of Age and Over Making Trips
92	112.2	142.8	362.1	321.3	260.1
93	0.0	0.0	0.0	0.0	0.0
94	10.2	5.1	20.4	15.3	5.1
95	0.0	0.0	0.0	0.0	0.0
96	0.0	0.0	0.0	0.0	0.0
97	0.0	0.0	0.0	0.0	0.0
98	0.0	0.0	0.0	0.0	0.0
99	0.0	0.0	0.0	0.0	0.0
100	5.0	15.0	25.0	15.0	15.0
101	0.0	0.0	0.0	0.0	0.0
102	0.0	0.0	0.0	0.0	0.0
103	0.0	0.0	0.0	0.0	0.0
104	0.0	0.0	0.0	0.0	0.0
105	6.7	0.0	15.6	10.4	10.4
106	0.0	0.0	0.0	0.0	0.0
107	0.0	0.0	0.0	0.0	0.0
108	0.0	0.0	0.0	0.0	0.0
109	0.0	0.0	0.0	0.0	0.0
110	0.0	0.0	0.0	0.0	0.0
111	0.0	0.0	0.0	0.0	0.0
112	0.0	0.0	0.0	0.0	0.0
113	163.2	239.7	668.1	591.6	402.9
114	40.8	81.6	158.1	147.9	107.1

Table A-13 (continued)

Traffic Assignment Zones	Number of Occupied Dwelling Units	Number of Cars Owned	Total Number of Persons	Persons 5 Years of Age & Over	Persons 5 Years of Age and Over Making Trips
115	0.0	0.0	0.0	0.0	0.0
116	0.0	0.0	0.0	0.0	0.0
117	0.0	0.0	0.0	0.0	0.0
118	0.0	0.0	0.0	0.0	0.0
119	0.0	0.0	0.0	0.0	0.0
120	0.0	0.0	0.0	0.0	0.0
121	15.0	30.0	55.0	45.0	45.0
122	5.0	15.0	25.0	20.0	15.0
123	0.0	0.0	0.0	0.0	0.0
124	0.0	0.0	0.0	0.0	0.0
125	10.0	15.0	45.0	40.0	30.0
126	5.0	10.0	25.0	20.0	15.0
127	0.0	0.0	0.0	0.0	0.0
128	0.0	0.0	0.0	0.0	0.0
129	0.0	0.0	0.0	0.0	0.0
130	0.0	0.0	0.0	0.0	0.0
131	20.0	40.0	50.0	50.0	35.0
132	0.0	0.0	0.0	0.0	0.0
133	10.0	20.0	45.0	40.0	35.0
134	26.0	41.6	98.8	93.6	72.8
135	31.2	46.8	145.6	124.8	93.6
136	5.0	10.0	10.0	10.0	10.0
137	5.0	10.0	20.0	20.0	15.0

Table A-13 (continued)

Traffic Assignment Zones	Number of Occupied Dwelling Units	Number of Cars Owned	Total Number of Persons	Persons 5 Years of Age & Over	Persons 5 Years of Age and Over Making Trips
138	10.0	15.0	50.0	50.0	45.0
139	0.0	0.0	0.0	0.0	0.0
140	0.0	0.0	0.0	0.0	0.0
141	0.0	0.0	0.0	0.0	0.0
142	0.0	0.0	0.0	0.0	0.0
143	0.0	0.0	0.0	0.0	0.0
144	5.0	15.0	30.0	30.0	30.0
145	0.0	0.0	0.0	0.0	0.0
146	0.0	0.0	0.0	0.0	0.0
147	15.0	35.0	40.0	40.0	30.0
148	10.0	15.0	25.0	15.0	20.0
149	57.2	36.4	98.8	93.6	57.2
150	20.8	10.4	57.2	46.8	31.2
151	15.6	15.6	52.0	36.4	26.0
152	10.4	5.2	20.8	15.6	5.2
153	0.0	0.0	0.0	0.0	0.0
154	0.0	0.0	0.0	0.0	0.0
155	0.0	0.0	0.0	0.0	0.0
156	150.8	150.8	452.4	426.4	228.8
157	132.6	112.2	214.2	209.9	153.0
158	163.2	173.4	484.5	453.9	224.4
159	10.0	25.0	60.0	55.0	30.0
160	260.0	295.0	890.0	755.0	570.0

Table A-13 (continued)

Traffic Assignment Zones	Number of Occupied Dwelling Units	Number of Cars Owned	Total Number of Persons	Persons 5 Years of Age & Over	Persons 5 Years of Age and Over Making Trips
161	305.0	465.0	1350.0	1205.0	885.0
162	127.5	158.1	413.1	362.1	224.4
163	161.2	182.0	488.8	421.2	332.8
164	26.0	36.4	72.8	57.2	46.8
165	135.2	130.0	462.8	416.0	249.6
166	0.0	0.0	0.0	0.0	0.0
167	132.6	188.7	428.4	372.3	255.0
168	66.3	102.0	295.8	239.7	142.8
169	0.0	0.0	0.0	0.0	0.0
170	5.2	5.2	26.0	26.0	26.0
171	295.8	443.7	1157.7	1040.4	668.1
172	244.8	362.1	1071.0	943.5	601.8
173	117.3	214.2	499.8	459.0	351.9
174	20.0	30.0	110.0	110.0	55.0
175	0.0	0.0	0.0	0.0	0.0
176	0.0	0.0	0.0	0.0	0.0
177	5.0	5.0	10.0	10.0	5.0
178	0.0	0.0	0.0	0.0	0.0
179	0.0	0.0	0.0	0.0	0.0
180	0.0	0.0	0.0	0.0	0.0
181	5.0	10.0	10.0	10.0	10.0
182	10.0	10.0	60.0	60.0	45.0
183	5.0	5.0	20.0	15.0	15.0

Table A-13 (continued)

Traffic Assignment Zones	Number of Occupied Dwelling Units	Number of Cars Owned	Total Number of Persons	Persons 5 Years of Age & Over	Persons 5 Years of Age and Over Making Trips
184	0.0	0.0	0.0	0.0	0.0
185	10.0	10.0	70.0	50.0	30.0
186	0.0	0.0	0.0	0.0	0.0
187	5.0	5.0	10.0	10.0	10.0
188	0.0	0.0	0.0	0.0	0.0
189	10.2	20.4	40.8	40.8	45.9
190	0.0	0.0	0.0	0.0	0.0
191	0.0	0.0	0.0	0.0	0.0
192	10.0	15.0	30.0	20.0	20.0
193	10.0	15.0	50.0	45.0	45.0
194	0.0	0.0	0.0	0.0	0.0
195	0.0	0.0	0.0	0.0	0.0
196	0.0	0.0	0.0	0.0	0.0
197	5.0	5.0	10.0	10.0	10.0
198	0.0	0.0	0.0	0.0	0.0
199	95.0	95.0	305.0	250.0	160.0
200	80.0	80.0	250.0	210.0	150.0
201	65.0	65.0	180.0	175.0	120.0
202	35.0	40.0	145.0	135.0	85.0
203	5.1	10.2	20.4	20.4	20.4
204	122.0	167.9	488.5	437.5	274.7
205	0.0	0.0	0.0	0.0	0.0
206	112.2	193.8	530.4	418.2	270.3

Table A-13 (continued)

Traffic Assignment Zones	Number of Occupied Dwelling Units	Number of Cars Owned	Total Number of Persons	Persons 5 Years of Age & Over	Persons 5 Years of Age and Over Making Trips
207	5.0	15.0	20.0	20.0	20.0
208	5.0	10.0	45.0	40.0	40.0
209	5.0	15.0	35.0	35.0	35.0
210	10.0	20.0	50.0	35.0	35.0
211	15.0	25.0	65.0	60.0	30.0
212	0.0	0.0	0.0	0.0	0.0
213	0.0	0.0	0.0	0.0	0.0
214	15.0	15.0	40.0	35.0	20.0
215	0.0	0.0	0.0	0.0	0.0
216	0.0	0.0	0.0	0.0	0.0
217	10.0	5.0	20.0	20.0	5.0
218	0.0	0.0	0.0	0.0	0.0
219	0.0	0.0	0.0	0.0	0.0
220	0.0	0.0	0.0	0.0	0.0
221	0.0	0.0	0.0	0.0	0.0
222	0.0	0.0	0.0	0.0	0.0
223	0.0	0.0	0.0	0.0	0.0
224	0.0	0.0	0.0	0.0	0.0
Totals	13,232.1	17,737.4	44,961.6	39,705.1	28,004.9

Table A-14

## TRIP PURPOSE - HOME INTERVIEW SURVEY

## Auto Driver

From	To											Totals	Percent
	Home	Work Transient	Work Fixed	Business	Shopping	School	Social - Recreation	Eat Meal	Change Mode	Serve Passenger			
Home	---	908.3	10686.4	5168.8	4998.4	659.3	6715.4	333.5	51.1	6830.9	36352.1	35.3	
Work Transient	963.6	1823.3	1006.7	187.1	106.9	---	139.3	84.4	---	73.3	4384.6	4.3	
Work Fixed	10095.2	1102.3	90.7	875.5	516.9	5.6	610.9	350.8	---	979.1	14627.0	14.2	
Business	4442.5	191.7	849.5	1563.9	777.8	33.7	864.0	89.9	---	377.8	9190.8	8.9	
Shopping	6208.3	16.8	123.9	371.1	1481.8	28.4	929.1	39.5	---	393.6	9592.5	9.3	
School	609.7	---	50.8	17.4	50.3	---	122.3	33.5	---	100.7	984.7	1.0	
Social-Recreation	7309.6	73.7	262.8	501.8	790.9	40.6	4081.7	164.7	---	1226.2	14452.0	14.0	
Eat Meal	322.4	84.9	322.9	73.5	95.7	33.6	205.2	11.4	---	84.9	1234.5	1.2	
Change Mode	22.9	---	5.6	5.6	---	5.7	8.2	---	---	11.2	59.2	0.1	
Serve Passenger	5841.5	112.7	1344.3	436.5	586.6	151.5	1309.3	119.0	11.2	2172.9	12085.5	11.7	
Totals	35815.7	4313.7	14743.6	9201.2	9405.3	958.4	14985.4	1226.7	62.3	12250.6	102962.9	---	
Percent	34.8	4.2	14.3	8.9	9.1	0.9	14.6	1.2	0.1	11.9	---	100.0	

Table A-15

## TRIP PURPOSE - HOME INTERVIEW SURVEY

## Auto Passenger

From	To										Totals	Percent
	Home	Work Transient	Work Fixed	Business	Shopping	School	Social - Recreation	Eat Meal	Change Mode	Serve Passenger		
Home	---	106.1	2437.5	1589.9	2400.1	2954.3	9567.5	388.6	39.6	83.8	19567.4	40.0
Work Transient	95.0	44.7	62.8	39.4	---	---	41.1	5.6	---	---	288.6	0.6
Work Fixed	2280.3	57.2	5.6	112.8	73.4	---	263.4	113.6	5.6	11.3	2923.2	6.0
Business	1452.6	16.8	45.0	304.7	145.4	11.1	354.8	45.7	---	5.7	2381.8	4.9
Shopping	2493.0	5.6	22.4	33.5	554.1	5.7	704.8	33.7	---	5.7	3858.5	7.9
School	1506.1	---	28.1	56.0	44.8	28.0	271.6	33.8	---	---	1968.4	4.0
Social-Recreation	9796.1	22.6	78.5	174.4	332.5	153.1	6169.5	141.5	---	5.6	16873.8	34.4
Eat Meal	349.2	5.6	96.3	40.1	72.8	28.1	222.9	22.8	6.1	---	843.9	1.7
Change Mode	34.0	---	5.6	---	---	5.6	8.2	---	---	---	53.4	0.1
Serve Passenger	101.0	---	16.9	21.7	19.7	---	50.2	---	---	---	209.5	0.4
Totals	18107.3	258.6	2798.7	2372.5	3642.8	3185.9	17654.0	785.3	51.3	112.1	48968.5	---
Percent	37.1	0.5	5.7	4.8	7.4	6.5	36.1	1.6	0.1	0.2	---	100.0

Table A-16

## TRIP PURPOSE - HOME INTERVIEW SURVEY

## Truck Passengers

From	To										Total	Percent
	Home	Work Transient	Work Fixed	Business	Shopping	School	Social - Recreation	Eat Meal	Change Mode	Serve Passenger		
Home	---	5.6	16.7	21.2	---	33.5	77.3	---	---	---	154.3	32.7
Work Transient	5.6	22.4	16.8	---	---	---	---	---	---	---	44.8	9.5
Work Fixed	33.6	16.8	---	---	---	---	8.2	---	5.6	---	64.2	13.6
Business	28.3	---	---	22.4	---	---	---	---	---	---	50.7	10.7
Shopping	6.5	---	---	---	---	---	---	---	---	---	6.5	1.4
School	16.8	---	---	---	---	---	---	---	---	---	16.8	3.6
Social-Recreation	63.3	5.6	---	---	---	11.2	48.8	---	---	---	128.9	27.3
Eat Meal	---	---	---	---	---	---	---	---	---	---	---	---
Change Mode	---	---	5.6	---	---	---	---	---	---	---	5.6	1.2
Serve Passenger	---	---	---	---	---	---	---	---	---	---	---	---
Totals	154.1	50.4	39.1	43.6	---	44.7	134.3	---	5.6	---	471.8	---
Percent	32.7	10.7	8.3	9.2	---	9.5	28.4	---	1.2	---	---	100.0

Table A-17

## TRIP PURPOSE - HOME INTERVIEW SURVEY

## Taxi Passenger

From	To										Totals	Percent
	Home	Work Transient	Work Fixed	Business	Shopping	School	Social - Recreation	Eat Meal	Change Mode	Serve Passenger		
Home	---	---	56.0	57.6	26.7	5.5	65.0	---	---	---	210.8	53.7
Work Transient	---	---	---	---	---	---	---	---	---	---	---	---
Work Fixed	45.0	---	---	---	---	---	---	---	---	---	45.0	11.5
Business	21.7	---	---	---	---	---	8.2	---	---	---	29.9	7.6
Shopping	46.6	---	---	---	---	---	---	---	---	---	46.6	11.9
School	---	---	---	---	---	---	---	---	---	---	---	---
Social-Recreation	43.2	---	---	---	---	---	---	---	---	---	43.2	11.0
Eat Meal	---	---	---	---	---	---	---	---	---	---	---	---
Change Mode	17.1	---	---	---	---	---	---	---	---	---	17.1	4.3
Serve Passenger	---	---	---	---	---	---	---	---	---	---	---	---
Totals	173.6	---	56.0	57.6	26.7	5.5	73.2	---	---	---	392.6	---
Percent	44.2	---	14.3	14.7	6.8	1.4	18.6	---	---	---	---	100.0

Table A-18

## TRIP PURPOSE - HOME INTERVIEW SURVEY

## Transit Passenger

From	To										Totals	Percent
	Home	Work Transient	Work Fixed	Business	Shopping	School	Social - Recreation	Eat Meal	Change Mode	Serve Passenger		
Home	---	---	50.7	14.2	13.4	33.5	28.6	---	---	---	140.4	44.4
Work Transient	---	---	---	---	---	---	---	---	---	---	---	---
Work Fixed	23.0	---	---	5.5	---	---	---	---	---	---	28.5	9.0
Business	7.1	---	11.2	16.8	5.6	---	---	---	---	---	40.7	12.9
Shopping	20.6	---	---	5.6	---	---	---	---	---	---	26.2	8.3
School	16.9	---	---	---	---	---	---	---	---	---	16.9	5.3
Social-Recreation	35.7	---	---	---	---	---	16.6	---	---	---	52.3	16.6
Eat Meal	---	---	---	---	---	---	---	---	---	---	---	---
Change Mode	11.0	---	---	---	---	---	---	---	---	---	11.0	3.5
Serve Passenger	---	---	---	---	---	---	---	---	---	---	---	---
Totals	114.3	---	61.9	42.1	19.0	33.5	45.2	---	---	---	316.0	---
Percent	36.2	---	19.6	13.3	6.0	10.6	14.3	---	---	---	---	100.0

Table A-19

## TRIP PURPOSE - HOME INTERVIEW SURVEY

## School Bus Passenger

From	To										Totals	Percent
	Home	Work Transient	Work Fixed	Business	Shopping	School	Social Recreation	Eat Meal	Change Mode	Serve Passenger		
Home	---	---	5.7	---	---	115.7	---	---	---	---	121.4	34.8
Work Transient	---	---	---	---	---	---	---	---	---	---	---	---
Work Fixed	---	---	---	---	---	5.7	---	---	---	---	5.7	1.6
Business	---	---	---	---	---	---	---	---	---	---	---	---
Shopping	---	---	---	---	---	---	---	---	---	---	---	---
School	121.7	---	---	5.8	---	33.6	16.6	---	5.5	---	183.2	52.5
Social-Recreation	---	---	---	---	---	5.7	33.2	---	---	---	38.9	11.1
Eat Meal	---	---	---	---	---	---	---	---	---	---	---	---
Change Mode	---	---	---	---	---	---	---	---	---	---	---	---
Serve Passenger	---	---	---	---	---	---	---	---	---	---	---	---
Totals	121.7	---	5.7	5.8	---	160.7	49.8	---	5.5	---	349.2	---
Percent	34.9	---	1.6	1.7	---	46.0	14.3	---	1.5	---	---	100.0

Table A-20

## TRIP PURPOSE - HOME INTERVIEW SURVEY

## Walk Trips

From	To										Totals	Percent
	Home	Work Transient	Work Fixed	Business	Shopping	School	Social - Recreation	Eat Meal	Change Mode	Serve Passenger		
Home	---	11.3	1071.5	---	---	5.7	---	---	11.1	---	1099.6	98.5
Work Transient	---	---	---	---	---	---	---	---	---	---	---	---
Work Fixed	11.2	---	5.7	---	---	---	---	---	---	---	16.9	1.5
Business	---	---	---	---	---	---	---	---	---	---	---	---
Shopping	---	---	---	---	---	---	---	---	---	---	---	---
School	---	---	---	---	---	---	---	---	---	---	---	---
Social-Recreation	---	---	---	---	---	---	---	---	---	---	---	---
Eat Meal	---	---	---	---	---	---	---	---	---	---	---	---
Change Mode	---	---	---	---	---	---	---	---	---	---	---	---
Serve Passenger	---	---	---	---	---	---	---	---	---	---	---	---
Totals	11.2	11.3	1077.2	---	---	5.7	---	---	11.1	---	1116.5	---
Percent	1.0	1.0	96.5	---	---	0.5	---	---	1.0	---	---	100.0

Table A-21

## TRIP PURPOSE - HOME INTERVIEW SURVEY

## All Modes

From	To											Totals	Percent
	Home	Work Transient	Work Fixed	Business	Shopping	School	Social - Recreation	Eat Meal	Change Mode	Serve Passenger			
Home	---	1031.3	14324.5	6851.7	7438.6	3807.5	16453.8	722.1	101.8	6914.7	57646.0	37.3	
Work Transient	1064.2	1890.4	1086.3	226.5	106.9	---	180.4	90.0	---	73.3	4718.0	3.1	
Work Fixed	12488.3	1176.3	102.0	993.8	590.3	11.3	882.5	464.4	11.2	990.4	17710.5	11.4	
Business	5952.2	208.5	905.7	1907.8	928.8	44.8	1227.0	135.6	---	383.5	11693.9	7.6	
Shopping	8775.0	22.4	146.3	410.2	2035.9	34.1	1633.9	73.2	---	399.3	13530.3	8.8	
School	2271.2	---	78.9	79.2	95.1	61.6	410.5	67.3	5.5	100.7	3170.0	2.1	
Social-Recreation	17247.9	101.9	341.3	676.2	1123.4	210.6	10349.8	306.2	---	1231.8	31589.1	20.3	
Eat Meal	671.6	90.5	419.2	113.6	168.5	61.7	428.1	34.2	6.1	84.9	2078.4	1.3	
Change Mode	85.0	---	16.8	5.6	---	11.3	16.4	---	---	11.2	146.3	0.1	
Serve Passenger	5942.5	112.7	1361.2	458.2	606.3	151.5	1359.5	119.0	11.2	2172.9	12295.0	8.0	
Totals	54497.9	4634.0	18782.2	11722.8	13093.8	4394.4	32941.9	2012.0	135.8	12362.7	154577.5	---	
Percent	35.3	3.0	12.2	7.6	8.5	2.8	21.2	1.3	0.1	8.0	---	100.0	

Table A-22

## TRIP PURPOSE - EXTERNAL CORDON SURVEY

		Passenger Cars									
From	To									Totals	Percent
	Home	Work Transient	Work Fixed	Business	Shopping	School	Social Recreation	Eat Meal	Change Mode		
Home	----	308.7	611.9	1202.6	720.1	181.3	1620.6	37.0	23.3	4705.5	38.8
Work Transient	275.9	208.0	225.9	7.7	1.5	----	48.1	1.3	----	768.4	6.3
Work Fixed	483.9	400.9	6.9	54.4	6.3	2.2	105.0	3.2	----	1062.8	8.8
Business	862.1	16.7	32.0	133.7	13.8	8.9	94.2	----	----	1161.4	9.6
Shopping	777.3	6.9	11.3	8.5	13.1	7.0	77.8	2.0	----	903.9	7.5
School	151.4	----	1.2	12.4	3.0	1.3	8.2	----	----	177.5	1.5
Social-Recreation	1303.1	64.5	45.8	108.8	63.1	8.2	1557.3	33.5	12.7	3197.0	26.3
Eat Meal	40.8	3.3	2.7	7.7	2.1	2.1	61.3	1.9	----	121.9	1.0
Change Mode	15.4	----	----	2.8	----	----	3.3	----	----	21.5	0.2
Totals	3909.9	1009.0	937.7	1538.6	823.0	211.0	3575.8	78.9	36.0	12119.9	----
Percent	32.3	8.3	7.7	12.7	6.8	1.7	29.5	0.7	0.3	----	100.0

Table A-23

## TRIP PURPOSE - EXTERNAL CORDON SURVEY

## Trucks

From	To									Totals	Percent
	Home	Work Transient	Work Fixed	Business	Shopping	School	Social - Recreation	Eat Meal	Change Mode		
Home	7.3	105.8	211.3	293.1	165.7	4.9	127.6	4.0	1.9	921.6	22.9
Work Transient	107.1	284.8	636.2	7.9	4.3	---	28.6	11.3	---	1080.2	26.8
Work Fixed	267.5	741.5	1.7	24.3	6.4	---	9.3	---	0.9	1051.6	26.1
Business	239.6	18.9	40.1	61.2	7.1	---	11.0	---	---	377.9	9.4
Shopping	199.8	3.4	14.8	5.0	8.7	---	6.4	---	---	238.1	5.9
School	2.4	---	---	---	---	---	---	---	---	2.4	0.1
Social-Recreation	108.2	16.5	18.2	9.6	2.1	---	156.3	1.0	1.7	313.6	7.8
Eat Meal	6.1	21.2	2.5	---	---	1.4	3.9	1.6	---	36.7	0.9
Change Mode	1.1	---	---	---	---	---	---	---	---	1.1	0.1
Totals	939.1	1192.1	924.8	401.1	194.3	6.3	343.1	17.9	4.5	4023.2	---
Percent	23.3	29.6	23.0	10.0	4.8	0.2	8.5	0.5	0.1	---	100.0

Table A-24

## TRIP PURPOSE - EXTERNAL CORDON SURVEY

## Passenger Cars &amp; Trucks

From	To									Totals	Percent
	Home	Work Transient	Work Fixed	Business	Shopping	School	Social - Recreation	Eat Meal	Change Mode		
Home	7.3	414.5	823.2	1495.7	885.8	186.2	1748.2	41.0	25.2	5627.1	34.9
Work Transient	383.0	492.8	862.1	15.6	5.8	---	76.7	12.6	---	1848.6	11.5
Work Fixed	751.4	1142.4	8.6	78.7	12.7	2.2	114.3	3.2	0.9	2114.4	13.1
Business	1101.7	35.6	72.1	194.9	20.9	8.9	105.2	---	---	1539.3	9.5
Shopping	977.1	10.3	26.1	13.5	21.8	7.0	84.2	2.0	---	1142.0	7.1
School	153.8	---	1.2	12.4	3.0	1.3	8.2	---	---	179.9	1.1
Social-Recreation	1411.3	81.0	64.0	118.4	65.2	8.2	1713.6	34.5	14.4	3510.6	21.7
Eat Meal	46.9	24.5	5.2	7.7	2.1	3.5	65.2	3.5	---	158.6	1.0
Change Mode	16.5	---	---	2.8	---	---	3.3	---	---	22.6	0.1
Totals	4849.0	2201.1	1862.5	1939.7	1017.3	217.3	3918.9	96.8	40.5	16143.1	---
Percent	30.0	13.6	11.5	12.0	6.3	1.4	24.3	0.6	0.3	---	100.0

TABLE A-25

## Vehicle Trip Ends - Internal Zones

Internal Zone	Passenger Cars		Trucks		Taxis	Total
	Internal	External	Internal	External		
1	3404.1	94.6	641.3	48.2	8.0	4196.2
2	1432.2	53.8	189.6	9.6	4.0	1689.2
3	3965.9	332.5	1385.7	62.5	70.0	5816.6
4	5259.5	752.1	887.8	93.5	92.0	7084.9
5	5499.4	251.9	1390.6	39.2	26.0	7207.1
6	1713.5	115.9	921.8	24.6	24.0	2799.8
7	3149.2	108.8	1394.6	28.8	12.0	4693.4
8	3884.2	139.4	749.8	27.3	54.0	4854.7
9	3754.1	261.6	868.9	44.2	77.0	5005.8
10	3549.4	174.7	822.4	38.3	30.0	4614.8
11	754.9	47.0	416.4	49.8	2.0	1270.1
12	1416.5	131.4	180.3	23.2	30.0	1781.4
13	606.5	34.4	489.0	23.9	4.0	1157.8
14	863.2	18.9	67.9	0.0	7.0	957.0
15	913.1	47.2	113.3	7.2	3.0	1083.8
16	954.4	48.8	61.6	6.3	10.0	1081.1
17	910.7	35.5	105.6	8.3	18.0	1078.1
18	1129.9	103.4	352.0	9.5	8.0	1602.8
19	1874.7	169.0	258.0	17.8	25.0	2344.5
20	535.9	62.9	345.4	86.3	6.0	1036.5
21	909.5	82.3	415.8	45.2	4.0	1456.8
22	508.3	35.8	493.4	92.5	4.0	1134.0
23	175.2	14.7	44.0	10.2	10.0	254.1
24	427.2	39.3	198.0	19.1	10.0	693.6
25	485.4	27.8	383.9	17.3	2.0	916.4

TABLE A-25

## Vehicle Trip Ends - Internal Zones

Internal Zone	Passenger Cars		Trucks		Taxis	Total
	Internal	External	Internal	External		
26	1741.4	48.8	633.6	22.2	6.0	2452.0
27	2541.5	389.6	529.8	31.3	31.0	3523.2
28	1183.6	12.4	35.2	4.1	0.0	1235.3
29	2420.4	95.5	269.5	14.7	8.0	2808.1
30	1894.7	19.5	70.4	0.0	13.0	1997.6
31	3587.3	139.9	339.9	10.2	13.0	4090.3
32	1830.5	124.1	140.8	11.4	12.0	2118.8
33	3832.4	145.2	228.8	18.9	17.0	4242.3
34	5268.2	174.2	696.3	33.0	42.0	6213.7
35	3709.8	199.8	699.5	40.0	34.0	4683.1
36	656.8	27.3	158.4	11.2	6.0	859.7
37	2748.8	34.9	597.2	23.1	12.0	3416.0
38	407.9	33.8	331.1	61.9	0.0	834.7
39	998.5	60.1	735.9	76.1	0.0	1870.6
40	1069.4	63.5	376.8	61.8	32.0	1603.5
41	2272.8	45.6	128.7	11.4	6.0	2464.5
42	545.5	56.7	86.8	6.7	0.0	695.7
43	7.3	15.8	181.7	9.1	0.0	213.9
44	26.0	0.0	104.5	0.0	0.0	130.5
45	1177.1	31.4	132.0	2.3	0.0	1342.8
46	333.9	2.5	59.5	2.4	2.0	400.3
47	776.4	17.9	187.8	1.2	2.0	985.3
48	4729.6	142.9	697.6	19.7	0.0	5589.8
49	463.8	2.1	35.2	1.6	1.0	503.7
50	3917.1	145.9	413.6	6.7	6.0	4489.3

TABLE A-25

## Vehicle Trip Ends - Internal Zones

Internal Zone	Passenger Cars		Trucks		Taxis	Total
	Internal	External	Internal	External		
51	4430.5	89.1	570.2	7.6	8.0	5105.4
52	2861.7	292.3	107.0	33.3	26.0	3320.3
53	1415.7	90.3	119.9	41.9	2.0	1669.8
54	197.8	10.5	114.4	0.0	0.0	322.7
55	4662.2	152.0	750.1	21.3	13.0	5598.6
56	4526.1	189.6	819.7	34.6	17.0	5587.0
57	1854.1	59.4	403.5	16.6	12.0	2345.9
58	1884.9	49.0	289.2	9.3	22.0	2254.4
59	1918.7	44.3	228.0	7.8	2.0	2200.8
60	2653.2	133.1	644.9	60.6	18.0	3509.8
61	572.6	44.6	285.3	29.4	2.0	933.9
62	2432.4	77.7	252.2	33.8	5.0	2801.1
63	1044.0	13.3	110.0	0.0	2.0	1169.3
64	76.4	19.9	575.3	41.2	0.0	712.8
65	113.8	0.0	0.0	0.0	1.0	114.8
66	1161.0	0.0	35.2	0.0	7.0	1203.2
67	56.1	3.7	0.0	0.0	0.0	59.8
68	182.9	0.0	35.2	0.0	1.0	219.1
69	0.0	2.3	0.0	1.0	0.0	3.3
70	15.3	1.7	0.0	0.0	0.0	17.0
71	26.4	0.0	0.0	0.0	0.0	26.4
72	163.6	0.0	17.6	0.0	0.0	181.2
73	401.3	21.8	140.8	0.0	2.0	565.9
74	624.0	13.8	96.8	4.1	0.0	738.7
75	517.6	11.1	61.6	8.0	0.0	598.3

TABLE A-25

## Vehicle Trip Ends - Internal Zones

Internal Zone	Passenger Cars		Trucks		Taxis	Total
	Internal	External	Internal	External		
76	19.8	4.7	0.0	0.0	0.0	24.5
77	1453.9	79.7	61.6	2.0	2.0	1599.2
78	290.5	0.0	0.0	0.0	0.0	290.5
79	25.4	3.1	0.0	0.0	0.0	28.5
80	1808.3	41.8	70.4	2.2	0.0	1922.7
81	2608.6	20.2	80.6	1.3	6.0	2716.7
82	2895.6	89.8	271.6	8.2	16.0	3281.2
83	4357.5	119.6	257.4	8.6	18.0	4761.1
84	3803.7	142.7	300.3	7.9	10.0	4264.6
85	215.4	8.2	105.6	0.0	0.0	329.2
86	128.4	26.6	70.4	17.3	2.0	244.7
87	684.0	42.3	280.4	5.0	6.0	1017.7
88	238.4	6.2	312.6	1.0	0.0	558.2
89	81.9	1.5	35.2	0.0	0.0	118.6
90	300.2	14.1	122.0	0.0	0.0	436.3
91	2435.6	47.1	224.0	10.0	7.0	2723.7
92	2090.5	96.8	516.8	47.4	7.0	2758.5
93	265.9	9.5	161.2	14.5	0.0	451.1
94	2801.6	304.3	805.3	80.2	4.0	3995.4
95	1012.0	166.9	890.2	188.9	11.0	2269.0
96	535.1	38.1	331.8	46.8	2.0	953.8
97	33.7	3.6	0.0	4.3	0.0	41.6
98	0.0	0.0	0.0	0.0	0.0	0.0
99	0.0	0.0	0.0	0.0	0.0	0.0
100	44.0	0.0	0.0	0.0	0.0	44.0

TABLE A-25

## Vehicle Trip Ends - Internal Zones

Internal Zone	Passenger Cars		Trucks		Taxis	Total
	Internal	External	Internal	External		
101	0.0	1.4	0.0	0.0	0.0	1.4
102	0.0	12.5	0.0	3.0	0.0	15.5
103	0.0	8.3	0.0	8.7	0.0	17.0
104	153.8	1.3	818.4	9.1	0.0	982.6
105	162.0	9.0	182.6	3.0	0.0	356.6
106	1045.5	157.5	243.1	13.0	18.0	1477.1
107	22.2	2.7	0.0	9.9	0.0	34.8
108	22.4	2.5	0.0	0.0	0.0	24.9
109	236.0	58.1	88.0	103.6	4.0	489.7
110	0.0	0.0	0.0	0.0	0.0	0.0
111	0.0	0.0	0.0	0.0	0.0	0.0
112	25.0	0.0	46.2	0.0	0.0	71.2
113	1644.5	47.6	287.5	13.7	7.0	2000.3
114	444.8	31.6	456.4	1.2	1.0	935.0
115	71.2	3.1	17.6	0.0	0.0	91.9
116	0.0	0.0	0.0	0.0	0.0	0.0
117	0.0	1.6	66.0	0.0	0.0	67.6
118	11.2	0.9	11.0	3.1	0.0	26.2
119	48.8	1.8	0.0	1.6	0.0	52.2
120	53.9	0.0	0.0	0.0	0.0	53.9
121	67.7	2.7	66.1	0.0	0.0	136.5
122	23.0	0.0	0.0	0.0	0.0	23.0
123	0.0	1.8	0.0	0.0	0.0	1.8
124	0.0	0.0	0.0	0.0	0.0	0.0
125	45.0	0.0	0.0	0.0	0.0	45.0

TABLE A-25

## Vehicle Trip Ends - Internal Zones

Internal Zone	Passenger Cars		Trucks		Taxis	Total
	Internal	External	Internal	External		
126	48.2	1.2	0.0	0.0	0.0	49.4
127	82.8	12.6	0.0	6.9	0.0	102.3
128	117.5	9.0	0.0	4.1	0.0	130.6
129	49.2	0.0	17.6	0.0	0.0	66.8
130	22.0	5.2	0.0	0.0	0.0	27.2
131	274.3	7.1	17.6	0.0	0.0	299.0
132	0.0	0.0	0.0	0.0	0.0	0.0
133	80.8	4.9	17.6	0.0	0.0	103.3
134	340.4	0.9	0.0	0.0	0.0	341.3
135	537.1	17.7	692.1	0.0	2.0	1248.9
136	66.0	5.6	0.0	2.4	0.0	74.0
137	23.5	0.0	10.2	0.0	0.0	33.7
138	102.0	0.0	0.0	0.0	0.0	102.0
139	16.8	0.0	26.4	0.0	0.0	43.2
140	15.6	0.0	0.0	0.0	0.0	15.6
141	0.0	0.0	0.0	0.0	0.0	0.0
142	195.5	19.6	140.0	42.3	2.0	399.4
143	58.7	0.0	17.6	3.1	0.0	79.4
144	91.0	0.0	0.0	6.4	0.0	97.4
145	0.0	0.0	0.0	1.9	0.0	1.9
146	0.0	0.0	0.0	1.3	0.0	1.3
147	93.0	0.9	0.0	13.0	0.0	106.9
148	60.0	0.0	0.0	0.8	0.0	60.8
149	1181.1	43.3	179.7	26.4	20.0	1450.5
150	2023.8	72.9	285.1	33.9	24.0	2439.7

TABLE A-25

## Vehicle Trip Ends - Internal Zones

Internal Zone	Passenger Cars		Trucks		Taxis	Total
	Internal	External	Internal	External		
151	2562.3	188.4	1067.2	53.8	105.0	3976.7
152	1607.7	173.4	584.0	102.6	10.0	2477.7
153	344.3	13.8	193.5	19.7	2.0	573.3
154	583.3	32.5	311.7	68.4	1.0	996.9
155	261.9	35.5	556.1	93.7	8.0	955.2
156	2648.6	138.2	1052.3	36.5	28.0	3903.6
157	1049.2	38.3	155.8	4.7	4.0	1252.0
158	1078.4	86.1	491.8	19.4	8.0	1683.7
159	64.6	5.9	0.0	0.0	0.0	70.5
160	2028.0	109.5	905.2	37.6	14.0	3094.3
161	3419.8	198.9	263.2	17.6	18.0	3917.5
162	877.9	57.4	313.5	14.5	7.0	1270.3
163	1377.1	49.8	92.2	9.7	10.0	1538.8
164	165.5	20.9	79.8	9.2	18.0	293.4
165	861.7	61.9	283.5	32.1	10.0	1249.2
166	165.0	39.9	330.7	44.9	0.0	580.5
167	1848.8	111.3	551.4	51.8	13.0	2576.3
168	628.9	14.8	138.8	10.1	6.0	798.6
169	8.2	0.0	0.0	1.4	0.0	9.6
170	84.1	4.5	32.8	6.0	0.0	127.4
171	2396.3	139.1	699.7	23.0	38.0	3296.1
172	2174.9	52.6	377.4	15.5	16.0	2636.4
173	1359.9	52.1	352.6	1.3	10.0	1775.9
174	182.6	11.2	114.8	7.2	0.0	315.8
175	379.8	22.2	106.7	0.0	14.0	522.7

TABLE A-25

## Vehicle Trip Ends - Internal Zones

Internal Zone	Passenger Cars		Trucks		Taxis	Total
	Internal	External	Internal	External		
176	0.0	0.0	16.4	0.0	0.0	16.4
177	41.0	8.5	98.4	3.9	0.0	151.8
178	0.0	2.0	57.4	2.1	0.0	61.5
179	0.0	0.0	43.8	2.6	0.0	46.4
180	138.2	17.3	32.8	2.5	0.0	190.8
181	23.5	0.0	0.0	0.0	0.0	23.5
182	62.0	0.0	0.0	0.0	0.0	62.0
183	24.0	1.4	0.0	0.0	0.0	25.4
184	0.0	0.0	16.4	1.5	0.0	17.9
185	70.2	3.0	0.0	0.0	0.0	73.2
186	345.6	17.9	232.4	81.1	2.0	679.0
187	45.0	2.4	0.0	3.4	0.0	50.8
188	44.8	3.0	125.1	25.7	0.0	198.6
189	154.8	6.1	175.2	11.3	0.0	347.4
190	15.3	3.3	16.4	2.4	0.0	37.4
191	0.0	5.8	33.0	14.6	0.0	53.4
192	343.6	28.2	42.9	10.7	0.0	425.4
193	796.4	98.0	244.3	26.9	20.0	1185.6
194	960.3	88.8	425.0	78.3	6.0	1558.4
195	629.8	49.9	322.2	24.6	0.0	1026.5
196	145.6	24.3	41.7	16.8	0.0	228.4
197	25.0	0.0	0.0	0.0	0.0	25.0
198	28.4	1.8	16.4	0.0	0.0	46.6
199	482.7	34.2	32.8	3.9	0.0	553.6
200	470.1	16.9	137.2	5.0	2.0	631.2

TABLE A-25

## Vehicle Trip Ends - Internal Zones

Internal Zone	Passenger Cars		Trucks		Taxis	Total
	Internal	External	Internal	External		
201	542.8	20.1	97.5	6.0	12.0	678.4
202	354.4	17.9	207.0	5.6	2.0	586.9
203	298.6	13.6	65.9	4.8	2.0	384.9
204	1424.8	33.9	305.7	15.0	26.0	1805.4
205	192.7	13.3	10.2	5.5	0.0	221.7
206	1134.1	43.0	121.2	6.7	0.0	1305.0
207	118.1	0.0	32.8	0.0	0.0	150.9
208	47.0	0.0	0.0	6.9	0.0	53.9
209	51.2	0.0	0.0	0.0	0.0	51.2
210	78.9	0.0	0.0	0.0	0.0	78.9
211	326.2	18.6	153.6	15.4	4.0	517.8
212	93.2	1.4	8.2	3.2	0.0	106.0
213	0.0	0.0	0.0	0.0	0.0	0.0
214	78.2	2.6	8.2	1.1	0.0	90.1
215	122.5	7.7	8.8	1.9	0.0	140.9
216	215.3	10.3	174.4	10.9	0.0	410.9
217	146.2	19.2	171.2	11.5	0.0	348.1
218	0.0	0.0	0.0	0.0	0.0	0.0
219	0.0	0.0	0.0	0.0	0.0	0.0
220	0.0	0.0	0.0	0.0	0.0	0.0
221	0.0	0.0	0.0	0.0	0.0	0.0
222	0.0	0.0	0.0	0.0	0.0	0.0
223	0.0	0.0	0.0	0.0	0.0	0.0
224	0.0	0.0	0.0	0.0	0.0	0.0
Totals	205,925.8	10,617.3	47,818.0	3,514.8	1,508.0	269,383.9

TABLE A-26

## Vehicle Trip Ends - External Stations

External Stations	Passenger Cars		Trucks		Total
	Thru Trips	Internal-External	Thru Trips	Internal-External	
225	10.7	199.8	5.8	62.1	278.4
226	0.0	0.0	0.0	0.0	0.0
227	251.5	1693.6	81.6	466.5	2493.2
228	0.0	0.0	0.0	0.0	0.0
229	1255.3	2043.5	392.2	477.1	4168.1
230	54.5	1168.6	29.0	492.2	1744.3
231	7.7	206.8	3.0	89.3	306.8
232	45.2	704.0	14.4	349.9	1113.5
233	23.3	471.2	9.3	112.2	616.0
234	62.2	481.0	26.8	191.7	761.7
235	75.4	963.3	47.1	386.9	1472.7
236	62.0	790.8	40.7	343.5	1237.0
237	1150.7	1820.2	363.1	516.3	3850.3
238	5.1	74.5	0.8	27.1	107.5
239	0.0	0.0	0.0	0.0	0.0
Totals	3,003.6	10,617.3	1,013.8	3,514.8	18,149.5

Table A-27

1968 TRIPS BETWEEN INTERNAL ZONE

24-Hour Period

Low Zone	High Zone	Vehicle Trips			Passenger Trips	Total Person Trips	Low Zone	High Zone	Cars	Trucks	Taxis	Total	Passenger Trips	Total Person Trips
		Cars	Trucks	Taxis										
01	01	5.7	8.8		14.5	5.7								
01	02	33.8			33.8	5.7								
01	03	77.7			112.9	5.7								
01	04	97.9		3.0	118.5	22.1								
01	05	140.3			228.3	19.6								
01	06	74.0			82.8	11.3								
01	07	36.8		1.0	55.4	36.8								
01	08	113.7		1.0	149.9	13.8								
01	09	72.9			116.9	11.2								
01	10	36.3			53.9	5.6								
01	11	11.3			11.3	11.3								
01	12	17.3		8.8	26.1	17.3								
01	13	16.9		8.8	25.7	5.6								
01	14	8.8			8.8	8.8								
01	15	26.8			26.8	14.6								
01	16	5.6			5.6	5.6								
01	17	20.2		1.0	38.8	20.2								
01	18	35.8			35.8	35.8								
01	19	13.8			22.6	13.8								
01	20	16.9		17.6	34.5	16.9								
01	21	11.1			11.1	11.1								
01	22			8.8	8.8	8.8								
01	24	5.6			5.6	5.6								
01	25	26.9			26.9	14.2								
01	26	5.7		8.8	14.5	5.7								
01	27	46.7			46.7	46.7								
01	28	21.3			21.3	14.2								
01	29	45.4			45.4	45.4								
01	30	46.9			46.9	7.1								
01	31	98.3		8.8	108.1	39.6								
01	32	66.7			66.7	14.6								
01	33	110.7			110.7	13.0								
01	34	77.7		17.6	95.3	21.3								
01	35	83.0			91.8	99.0								
01	36			17.6	17.6	83.0								
01	37	5.7			5.7	5.7								
01	39	5.6			5.6	5.6								
01	40			1.0	1.0	1.0								
01	41	91.8			91.8	14.0								
01	42	7.1			7.1	7.1								
01	44			8.8	8.8	8.8								
01	45	27.6			27.6	7.7								
01	47	28.4			28.4	28.4								
01	48	169.5			169.5	71.0								
01	50	200.9		35.2	236.1	200.9								
01	51	93.0		35.2	128.2	13.0								
01	52	28.1		8.8	36.9	11.4								
01	55	70.6			70.6	39.5								
01	56	116.5			116.5	25.4								
01	57	37.7			37.7	37.7								
01	58	38.1		17.6	55.7	38.1								
01	59	25.4			25.4	25.4								
01	60	5.6			5.6	5.6								
01	62	26.7			26.7	11.3								
01	63	7.0			7.0	7.0								
01	66	43.0			43.0	43.0								
01	68	5.7			5.7	5.7								
01	72	24.7			24.7	24.7								
01	73	11.2			11.2	11.2								
01	74	8.3			8.3	8.3								
01	75	32.5			32.5	32.5								
01	80	46.3			46.3	5.7								
01	81	31.5			31.5	31.5								
01	82	22.4		8.8	31.2	22.4								
01	83	45.6			45.6	5.7								
01	84	121.4			121.4	5.7								
01	85	12.2			12.2	12.2								
01	87	34.1			34.1	34.1								
01	89	5.6			5.6	5.6								
01	90	5.6			5.6	5.6								
01	91	61.6			61.6	61.6								
01	92	5.7		17.6	23.3	5.7								
01	94	27.9			27.9	27.9								
01	95	39.6		44.0	83.6	22.1								
01	104	11.2			11.2	11.2								
01	106	19.5			19.5	5.7								
01	113	35.1		8.8	43.9	35.1								
01	114	5.6			5.6	5.6								
01	134	22.8			22.8	5.7								
01	135	14.6			14.6	14.6								
01	142			8.8	8.8	8.8								
01	149	27.6			27.6	26.0								
01	150	19.4			19.4	19.4								
01	151	5.6			5.6	5.6								
01	154	11.0			11.0	11.0								
01	156	28.9		11.0	39.9	7.3								
01	157	5.6			5.6	5.6								
01	158	5.6			5.6	5.6								
01	160	5.5			5.5	5.5								
01	163	7.3			7.3	7.3								
01	165	17.1			17.1	17.1								
01	167	8.3			8.3	8.3								
01	171	8.2			8.2	8.2								
01	172	5.5			5.5	5.5								
01	192	5.6			5.6	5.6								
01	193	17.1			17.1	17.1								
01	194	5.6		5.5	11.1	5.6								
01	204	21.3			21.3	21.3								
01	216	5.7			5.7	5.7								
02	02								8.2		8.2			
02	03	36.6			36.6	36.6				2.0	38.6			36.6
02	04	5.6			5.6	5.6					5.6			5.6
02	05	19.5			120.0	19.5			8.8		28.3	5.7		25.2
02	06	17.0			159.9	17.0					17.0			17.0
02	07	39.2			85.3	39.2			8.8		48.0	8.2		47.4
02	08	47.7			36.8	47.7			8.8		56.5	8.2		55.9
02	09	17.4			127.5	17.4				1.0	18.4			17.4
02	10	11.2			84.1	11.2			17.6		28.8			11.2
02	11	11.2			41.9	11.2					11.2			11.2
02	12	5.7			11.3	5.7					5.7	5.7		11.4
02	13	11.3			26.1	11.3					11.3			11.3
02	14	29.2			25.7	22.5			8.2		37.4	14.6		43.8
02	15	22.8			8.8	17.6					22.8			22.8
02	17	11.4			41.4	11.4					11.4			11.4
02	19	8.2			5.6	8.2					8.2			8.2
02	26	38.5			20.2	38.5					38.5	15.4		53.9
02	27				35.8	35.8			8.8		44.6			43.8
02	28	15.1			13.8	15.1					15.1	22.2		37.3
02	29	21.3			34.5	21.3					21.3	29.5		50.8
02	30	8.2			11.1	8.2					8.2	11.2		19.4
02	31	7.3			8.8	7.3					7.3			7.3
02	32	16.6			5.6	16.6					16.6			16.6
02	33	21.4			26.9	21.4					21.4	15.0		36.4
02	34	51.1			14.5	51.1					51.1			51.1
02	35	61.6			46.7	61.6			8.8		70.4	21.3		82.9
02	37	5.6			35.5	5.6					5.6			5.6
02	38	5.6			45.4	5.6			8.8		14.4			5.6
02	40	11.0			46.9	11.0				1.0	29.6			11.0
02	44				108.1	39.6					8.8			
02	45	12.2			66.7	12.2					12.2			12.2
02	48	37.8			110.7	37.8					37.8			37.8
02	50	51.1			95.3	51.1					51.1	5.7		56.8
02	51	41.8			91.8	41.8					41.8	13.9		55.7
02	52	45.6			17.6	45.6					45.6	5.7		51.3
02	53	22.4			5.7	22.4					22.4			22

Table A-27 (continued)

Low Zone	High Zone	Vehicle Trips				Passenger Trips	Total Person Trips	Low Zone	High Zone	Vehicle Trips				Passenger Trips	Total Person Trips
		Cars	Trucks	Taxis	Total					Cars	Trucks	Taxis	Total		
03	28	25.6	17.6		43.2	42.8	68.4	04	16	11.2			11.2	7.3	18.5
03	29	62.0			62.0	23.0	85.0	04	17		17.6	2.0	19.6		
03	30	12.7			12.7	21.3	34.0	04	18	12.5	8.8	2.0	23.3	34.9	47.4
03	31	110.8	8.8	2.0	121.6	55.4	166.2	04	19	44.5			44.5	30.2	74.7
03	32	39.3		1.0	40.3	31.1	70.4	04	20	5.6		1.0	6.6	8.2	13.8
03	33	81.9			81.9	32.5	114.4	04	21	11.2	17.6		28.8	11.0	22.2
03	34	113.6	35.2	1.0	149.8	58.9	172.1	04	23			1.0	1.0		
03	35	95.5	52.8	4.0	152.3	29.6	125.1	04	24	28.0		1.0	29.0		28.0
03	36	13.2	8.8		22.0	5.6	18.8	04	25	11.4	61.6		73.0		11.4
03	37	13.8	8.8		22.6		13.8	04	26	57.8			57.8		57.8
03	38		8.8		8.8			04	27	123.7		4.0	127.7		123.7
03	39		35.2		35.2			04	28	5.6			5.6	5.6	11.2
03	40	11.0		3.0	14.0	12.6	11.0	04	29	124.4	17.6	2.0	144.0	35.1	159.5
03	41	78.1		1.0	79.1	59.2	90.7	04	30	52.5		1.0	53.5	11.2	63.7
03	42	40.7			40.7	59.2	99.9	04	31	73.2	26.4		99.6	65.2	138.4
03	45	109.2			109.2	52.3	161.5	04	32	98.4		2.0	100.4	39.8	138.2
03	48	93.6	17.6		111.2	35.5	129.1	04	33	76.7		1.0	77.7	49.5	126.2
03	50	175.0			175.0	39.9	214.9	04	34	155.3	8.8	2.0	166.1	52.0	207.3
03	51	53.3			53.3	8.2	61.5	04	35	135.8	61.6	1.0	198.4	101.9	237.7
03	52	30.7	8.8		39.5	14.1	44.8	04	36	35.1		3.0	38.1	5.6	40.7
03	53	16.9			16.9		16.9	04	37	30.6		1.0	31.6		30.6
03	54		8.8		8.8			04	38	5.6			5.6		5.6
03	55	175.3	44.0	1.0	220.3	42.2	217.5	04	39	17.0	35.2		32.2		17.0
03	56	90.4		2.0	92.4	14.2	104.6	04	40	60.7		2.0	62.7		60.7
03	57	46.3	35.2	1.0	82.5	57.5	103.8	04	41	47.3			47.3	22.0	69.3
03	58	87.4	35.2	3.0	125.6	68.0	155.4	04	42	13.2			13.2	5.6	18.8
03	59	76.1	8.8		84.9	5.6	81.7	04	45	41.9			41.9	12.2	54.1
03	60	16.9	43.4	2.0	62.3	28.7	45.6	04	46	19.3	8.8		28.1	16.6	35.9
03	62	47.0			47.0	49.0	96.0	04	47	19.3			19.3	17.8	37.1
03	63	14.3			14.3	19.5	33.8	04	48	375.8			375.8	84.8	460.6
03	66	35.8		2.0	37.8	11.4	47.2	04	50	237.3	35.2		272.5	319.3	82.0
03	68	5.7			5.7		5.7	04	51	54.9	8.8		63.7	11.3	66.2
03	73	5.7	8.8		14.5		5.7	04	52	73.3		4.0	77.3	8.2	81.5
03	74	8.2			8.2	22.2	30.4	04	53	41.9			41.9		41.9
03	78	11.2			11.2	11.6	22.8	04	54	16.8			16.8		16.8
03	80	60.2			60.2	26.0	86.2	04	55	159.6		3.0	162.6	98.6	258.2
03	81	57.8	8.8	1.0	67.6	58.4	116.2	04	56	197.6		2.0	199.6	71.6	269.2
03	82	22.6		1.0	23.6		22.6	04	57	49.2		1.0	50.2	39.1	88.3
03	83	64.3	8.8	4.0	77.1	13.0	77.3	04	58	78.7		3.0	81.7	69.6	148.3
03	84	78.9	8.8	1.0	88.7	6.8	85.7	04	59	36.2			36.2	25.6	61.8
03	85	5.5			5.5	5.5	11.0	04	60	61.3	8.8		70.1	22.0	83.3
03	86		8.8	1.0	9.8			04	61	16.7	8.8		25.5		16.7
03	87	14.2	61.6		75.8	14.6	28.8	04	62	128.9			128.9	46.0	174.9
03	90	8.2			8.2	11.4	19.6	04	63	27.5	26.4		53.9	16.5	44.0
03	91	75.8			75.8	21.3	97.1	04	64		8.8		8.8		8.8
03	92	25.0			25.0	14.2	39.2	04	66	82.1			82.1	14.6	96.7
03	94	25.0	26.4		51.4	8.2	33.2	04	70	8.2			8.2	5.6	13.8
03	95	17.3	52.8		70.1	7.3	24.6	04	72	5.7			5.7		5.7
03	96	7.3			7.3		7.3	04	73	11.2		1.0	12.2		11.2
03	97	5.7			5.7		5.7	04	74	28.2			28.2		28.2
03	104		44.0		44.0			04	76	5.6			5.6		5.6
03	105		8.8		8.8			04	77	17.7			17.7	8.8	26.5
03	106	59.4	26.4		85.8	8.8	68.2	04	80	55.4	8.8		64.2	72.0	127.4
03	113	40.7			40.7		40.7	04	81	103.4		1.0	104.4	46.9	150.3
03	114	11.2			11.2		11.2	04	82	39.5		2.0	41.5	27.9	67.4
03	117		17.6		17.6			04	83	193.0	8.8	4.0	205.8	42.1	235.1
03	121		17.6		17.6			04	84	104.5		1.0	105.5	70.3	174.8
03	131	7.0			7.0		7.0	04	86	8.0			8.0		8.0
03	134	22.8			22.8		22.8	04	87	16.8		1.0	17.8	13.2	30.0
03	135	5.6	79.2	1.0	85.8	11.2	16.8	04	90	5.6			5.6		5.6
03	139	5.6			5.6		5.6	04	91	90.6		1.0	91.6	23.9	114.5
03	142	8.2		1.0	9.2		8.2	04	92	118.5	8.8	1.0	128.3	44.4	162.9
03	143	11.4			11.4		11.4	04	94	50.2		1.0	51.2	8.2	58.4
03	150		11.0		11.0	8.2	8.2	04	95		17.6		17.6		17.6
03	152		5.5		5.5			04	96			1.0	1.0	5.5	5.5
03	153	7.3			7.3		7.3	04	105	5.7	52.8		58.5		5.7
03	156	5.7			5.7		5.7	04	106	30.6	26.4	2.0	59.0	8.2	38.8
03	158	5.6			5.6		5.6	04	113	82.5			82.5	47.0	129.5
03	159	7.3			7.3		7.3	04	114	33.5			33.5	21.4	54.9
03	160	30.4			30.4	38.6	69.0	04	121	6.5			6.5	6.5	13.0
03	161	36.0	5.5		41.5	42.0	78.0	04	135	5.6			5.6		5.6
03	162	14.2			14.2		14.2	04	142	5.6			5.6		5.6
03	163	5.7			5.7		5.7	04	144	5.5			5.5		5.5
03	164		10.2		10.2			04	147	11.0			11.0		11.0
03	165	14.6			14.6		14.6	04	149	16.8		1.0	17.8		16.8
03	167	13.2			13.2	11.2	24.4	04	150	33.3			33.3		33.3
03	173	31.0			31.0	5.6	36.6	04	151	11.2			11.2	8.2	19.4
03	180	5.6			5.6		5.6	04	152	5.6			5.6		5.6
03	189	18.3			18.3	7.1	25.4	04	153	11.0			11.0		11.0
03	192	5.6			5.6		5.6	04	154				5.5		5.5
03	193	24.3	5.5		29.8		24.3	04	155	5.6	5.5	1.0	6.6		5.6
03	194	5.7	11.0		16.7		5.7	04	157	13.7			13.7	13.7	27.4
03	195	38.4			38.4	7.4	45.8	04	158	13.8			13.8	7.0	20.8
03	196	8.2			8.2		8.2	04	160	46.8			46.8	80.6	127.4
03	201	14.0			14.0	14.0	28.0	04	161	20.0			20.0	31.5	51.5
03	202	14.0			14.0		14.0	04	164				5.1		5.1
03	204	18.3			18.3		18.3	04	165	47.9	5.1		47.9	66.4	114.3
03	206	5.7			5.7	7.1	12.8	04	167	13.6			13.6	8.0	21.6
03	214	11.0			11.0		11.0	04	172	36.6	11.0		47.6	21.3	57.9
04	04	84.7	35.2	3.0	122.9	16.8	101.5	04	180	11.2			11.2	16.4	27.6
04	05	124.4	79.2	1.0	204.6	42.1	166.5	04	181	11.0			11.0		11.0
04	06	81.0	17.6	2.0	100.6	5.5	86.5	04	186	5.7			5.7		5.7
04	07	73.2	26.4	2.0	101.6	17.0	90.2	04	192	5.6			5.6		5.6
04	08	111.8	17.6	1.0	130.4	32.9	144.7	04	193	5.6		4.0	9.6	5.6	11.2
04	09	61.6	52.8	5.0	119.4	5.6	67.2	04	194	13.8	11.0		24.8	13.8	27.6
04	10	48.0	17.0	2.0	67.0	47.1	95.1	04	195		11.0		11.0		11.0
04	11	13.8	8.8		22.6		13.8	04	204	22.4			22.4		22.4
04	12	33.4		3.0	36.4	5.6	39.0	05	05	81.4	52.8		134.2	14.4	95.8
04	13	5.6	8.8		14.4		5.6	05	06	53.0	8.8	1.0	62.8		53.0
04	14	5.7			5.7		5.7	05	07	61.6	96.2	1.0</			

Table A-27 (continued)

Low Zone	High Zone	Vehicle Trips				Passenger Trips	Total Person Trips	Low Zone	High Zone	Vehicle Trips				Passenger Trips	Total Person Trips
		Cars	Trucks	Taxis	Total					Cars	Trucks	Taxis	Total		
05	09	70.3	17.6	1.0	88.9	24.3	94.6	05	172	12.6			12.6	19.8	32.4
05	10	82.5	52.8	2.0	137.3		82.5	05	173	7.1			7.1		7.1
05	11	29.2	8.8		38.0	12.2	41.4	05	174	14.0			14.0	7.0	21.0
05	12	34.1	35.2		69.3	11.1	45.2	05	192	5.6			5.6		5.6
05	13	22.6			22.6		22.6	05	193	19.4			19.4	19.6	39.0
05	14	24.6	17.6		42.2	12.8	37.4	05	194	28.1			28.1	7.4	35.5
05	15	78.5			78.5	81.0	159.5	05	195	5.6	16.5		22.1		5.6
05	16	29.4			30.4	13.0	42.4	05	204	5.5			5.5		5.5
05	17	45.3		1.0	46.3	6.8	52.1	05	206	16.8			16.8		16.8
05	18	21.3			21.3	19.4	40.7	05	210	11.0			11.0		11.0
05	19	5.5	35.2		40.7	5.5	11.0	05	216	5.7			5.7		5.7
05	20		8.8		8.8			05	217	5.6			5.6		5.6
05	21	19.5			19.5		19.5	06	06	29.0	5.5		11.1		5.6
05	22	5.5			5.5	6.5	12.0	06	07	22.4	123.2	1.0	146.6	5.6	28.0
05	23	5.5		2.0	7.5		5.5	06	08	39.4	17.6	1.0	58.0		39.4
05	24	19.8			19.8		19.8	06	09	25.0			25.0		25.0
05	26	43.6			43.6	80.2	123.8	06	10	27.7	35.2		62.9		27.7
05	27	42.7	35.2		77.9	12.2	54.9	06	11		8.8		8.8		
05	28	41.2	8.8		50.0		41.2	06	12	11.2		1.0	12.2		11.2
05	29	27.0	8.8	1.0	36.8		27.0	06	15	5.6		1.0	6.6		5.6
05	30	135.9	8.8	1.0	145.7	7.1	143.0	06	18	28.5			28.5		28.5
05	31	164.4	8.8		173.2	26.6	191.0	06	19	8.2		1.0	9.2		8.2
05	32	57.8	8.8		66.6		57.8	06	21	16.5	61.6		78.1	5.5	22.0
05	33	90.8		1.0	91.8	17.1	107.9	06	26	5.6	8.8		14.4	5.6	11.2
05	34	225.5	52.8	3.0	281.3	91.5	317.0	06	27	24.4			24.4	12.2	36.6
05	35	150.8	35.2	2.0	188.0	71.2	222.0	06	28	12.7			12.7		12.7
05	36	21.5	26.4		47.9	5.6	27.1	06	29	37.1		1.0	38.1	22.4	59.5
05	37	101.0	26.4		127.4	66.8	167.8	06	30	11.2		1.0	12.2	5.6	16.8
05	38	11.2	26.4		37.6	5.6	16.8	06	31	51.9	26.4		78.3	7.3	59.2
05	39	33.8	8.8		42.6	5.5	39.3	06	32	14.6		1.0	15.6		14.6
05	40	51.0	17.6		68.6		51.0	06	33	50.8		2.0	52.8	65.7	116.5
05	41	102.0			102.0	24.7	126.7	06	34	54.9			54.9	40.8	95.7
05	42	11.2	17.0		28.2		11.2	06	35	23.3			23.3	5.6	28.9
05	44		8.8		8.8			06	36	6.1	17.6		23.7		6.1
05	45	39.8			39.8	29.3	69.1	06	37	5.6	17.6		23.2		5.6
05	46	8.2			8.2		8.2	06	38		8.8		8.8		
05	47	36.7	8.8		45.5		36.7	06	39		8.8		8.8	29.6	29.6
05	48	232.7	44.0		276.7	54.3	287.0	06	40		35.2	1.0	36.2		
05	49	11.4			11.4		11.4	06	41	7.0		1.0	8.0	7.0	14.0
05	50	108.1	26.4		134.5	66.4	174.5	06	42	7.1			7.1		7.1
05	51	124.0	8.8		132.8	6.8	130.8	06	43		8.8		8.8		
05	52	28.5	8.8		37.3	5.7	34.2	06	45	36.2			36.2	48.7	84.9
05	53	22.5			22.5	8.2	30.7	06	47	16.8			16.8		16.8
05	55	177.1	17.6	2.0	196.7	32.0	209.1	06	48	68.8	8.8		77.6		68.8
05	56	193.6			193.6	50.3	243.9	06	49	16.6		1.0	17.6		16.6
05	57	47.1			47.1	26.5	73.6	06	50	52.9			52.9		52.9
05	58	49.5	8.8	1.0	59.3	38.6	88.1	06	51	27.6			27.6	8.2	35.8
05	59	15.1			15.1	12.7	27.8	06	52	25.4	17.6		43.0	11.4	36.8
05	60	79.6	8.8		88.4	17.8	97.4	06	53			1.0	1.0	5.7	5.7
05	61	16.6			16.6		16.6	06	54	5.6			5.6		5.6
05	62	96.7	44.0	1.0	141.7	18.4	115.1	06	55		44.0	1.0	45.0		
05	63	30.5			30.5		30.5	06	56	18.3			18.3		18.3
05	66	60.2			60.2		60.2	06	57	33.6			33.6	16.8	50.4
05	72	5.7			5.7		5.7	06	58	45.1			45.1	7.1	52.2
05	73	25.2			25.2		25.2	06	59	14.2			14.2		14.2
05	74	19.9			19.9		19.9	06	60		17.6		17.6		
05	75	48.9			48.9		48.9	06	61		8.8		8.8		
05	77	23.4			23.4	7.1	30.5	06	62	18.0	8.8	1.0	27.8	52.5	70.5
05	78	8.3			8.3	8.3	16.6	06	63	59.5			59.5	5.5	65.0
05	80	33.1			33.1	25.2	58.3	06	66	7.3			7.3		7.3
05	81	96.0			96.0	85.0	181.0	06	73		8.8		8.8	11.2	11.2
05	82	42.0	8.8	1.0	51.8	11.1	53.1	06	74	11.8			11.8	5.7	17.5
05	83	134.4	8.8		143.2	93.3	227.7	06	77			1.0	1.0		
05	84	116.4		1.0	117.4	55.5	171.9	06	81	79.8		1.0	80.8		79.8
05	85	17.6			17.6		17.6	06	82	5.7	26.4		32.1		5.7
05	87	13.9			13.9		13.9	06	83	57.0			57.0	17.1	74.1
05	88		8.8		8.8			06	84	22.8			22.8	22.8	45.6
05	90		35.2		35.2			06	85	8.2			8.2		8.2
05	91	87.6			87.6	76.8	164.4	06	87	12.8	8.8		21.6		12.8
05	92	105.0	17.6		122.6	7.1	112.1	06	88	5.6			5.6		5.6
05	93	5.6			5.6		5.6	06	91	11.2			11.2		11.2
05	94	57.8	35.2		93.0	38.5	96.3	06	92	21.1	17.6		38.7	8.2	29.3
05	95	17.0	35.2		52.2	11.0	28.0	06	94	5.6	8.8		14.4	8.3	13.9
05	96	22.4	17.6		40.0	8.2	30.6	06	95		26.4	1.0	27.4		
05	100	16.5			16.5		16.5	06	96	11.1	17.6		28.7		11.1
05	104	11.2			11.2		11.2	06	104		35.2		35.2		
05	106	22.5	8.8		31.3	5.6	28.1	06	106	8.0			8.0		8.0
05	109	11.3			11.3		11.3	06	112		8.8		8.8		
05	112	8.2			8.2		8.2	06	113	5.5			5.5	5.7	11.2
05	113	107.8			107.8	25.9	133.7	06	114		17.6		17.6		
05	114	28.0			28.0	19.8	47.8	06	131	5.6			5.6	7.1	12.7
05	115	8.8			8.8	8.8	17.6	06	134	21.9			21.9		21.9
05	129		8.8		8.8			06	135		52.8		52.8		
05	131	11.0			11.0		11.0	06	148	7.0			7.0		7.0
05	134	14.6			14.6	7.3	21.9	06	149	11.4			11.4		11.4
05	135	8.3	17.6		25.9	8.3	16.6	06	151	11.2	5.5		16.7		11.2
05	138	7.0			7.0	14.0	21.0	06	157	13.2			13.2	6.6	19.8
05	142	5.7			5.7	5.7	11.4	06	160		5.5		5.5		
05	149	11.3			11.3		11.3	06	161	23.6			23.6		23.6
05	151	38.6	11.0		49.6		38.6	06	163	22.8			22.8		22.8
05	152	13.7			13.7		13.7	06	180	5.6			5.6	5.6	11.2
05	154	31.5			31.5		31.5	06	185	5.6			5.6		5.6
05	155	11.0	11.0		22.0	17.8	28.8	06	192	5.6			5.6		5.6
05	156	17.1			17.1	11.4	28.5	06	193	11.4	22.0		33.4		11.4
05	158	13.9			13.9	5.6	19.5	06	194	5.6			5.6		5.6
05	160	11.0			11.0	18.0	29.0	06	204	22.4			22.4		22.4
05	161	16.5			16.5	28.4	44.9	07	07	5.6	113.2		118.8	11.0	16.6
05	164		10.2		10.2			07	08	108.5	69.2		177.7	22.5	131.0
05	165	19.6			19.6	19.6	39.2	07	09	85.3	25.8	1.0	112.1	5.5	90.8
05	167	18.8			18.8		18.8	07	10	81.6	61.0		142.6	19.7	101.3
05	171	39.5			39.5	13.7	53.2	07	11		8.8		8.8	11.3	11.3

Table A-27 (continued)

Low Zone	High Zone	Vehicle Trips				Passenger Trips	Total Person Trips	Low Zone	High Zone	Vehicle Trips				Passenger Trips	Total Person Trips
		Cars	Trucks	Taxis	Total					Cars	Trucks	Taxis	Total		
07	12	16.9	8.8		25.7										
07	13	6.1	26.4		32.5										
07	14	8.3	8.8		17.1	6.1									
07	15	55.1	8.8		63.9	14.6									
07	17	30.7	17.6		48.3	5.7									
07	18	25.3			25.3	7.1									
07	19	27.8	8.8		36.6	13.8									
07	20	19.4	17.6		37.0										
07	22	5.6	8.8		14.4										
07	24	17.6			17.6										
07	25	14.8	35.2		50.0										
07	26	47.3	52.8		100.1	22.6									
07	27	101.8	44.0		145.8	57.6									
07	28	51.8			51.8	13.2									
07	29	78.9	26.4		105.3	6.6									
07	30	60.1			60.1	15.3									
07	31	71.9	17.6		89.5	59.7									
07	32	50.0			50.0	8.2									
07	33	47.5		1.0	48.5	35.9									
07	34	159.4	88.0		247.4	17.9									
07	35	104.8		1.0	105.8	34.5									
07	36	7.1			7.1	7.1									
07	37	8.8			8.8										
07	39	34.4	35.2		69.6	8.2									
07	40	15.2	17.6		32.8	23.5									
07	41	15.2			15.2										
07	42	5.6			5.6	5.6									
07	45	40.6			40.6	15.4									
07	46		8.2		8.2	5.6									
07	47	88.5			88.5	19.8									
07	48	67.4	35.2		102.6	23.0									
07	50	56.1		1.0	57.1	14.6									
07	51	51.6	17.6		69.2	6.8									
07	52	17.5			17.5										
07	53	11.4	8.8		20.2										
07	55	41.7	8.8		50.5	51.5									
07	56	42.2	44.0		86.2										
07	57	11.2	35.2		46.4										
07	58	23.9		2.0	25.9	5.6									
07	60	88.4			88.4	60.5									
07	61	8.8	8.8		17.6										
07	62	8.2			8.2	14.7									
07	66	26.0			26.0	42.8									
07	73		17.6		17.6	8.2									
07	77	19.2			19.2	18.7									
07	78	14.2			14.2	7.1									
07	80	23.4			23.4										
07	81	58.1	8.8		66.9										
07	82	23.1	17.6		40.7										
07	83	30.1			30.1										
07	84	34.4			34.4										
07	86	20.3			20.3										
07	87	22.4			22.4										
07	89	5.6			5.6	7.1									
07	91	20.3			20.3	20.3									
07	92	13.9			13.9	15.6									
07	93	41.5			41.5	16.6									
07	94	335.8	26.4		362.2	227.2									
07	95	26.4	8.8		35.2										
07	96				8.8										
07	105	8.2			8.2	8.2									
07	113	25.0			25.0	16.5									
07	114		8.8		8.8										
07	115	8.2			8.2										
07	133	18.0			18.0										
07	134	14.6			14.6	8.3									
07	135	7.3			7.3	6.6									
07	143	8.2			8.2	8.3									
07	147	12.5			12.5										
07	149	8.2			8.2										
07	150	5.6			5.6										
07	151	5.6			5.6	5.6									
07	156	19.7			19.7	6.8									
07	160	7.0			7.0	7.0									
07	163	6.8			6.8	8.2									
07	167	6.6			6.6	6.6									
07	168	13.2			13.2										
07	172	6.6			6.6										
07	173	22.4			22.4										
07	193	5.6			5.6										
07	194	11.1			11.1										
07	204	13.2	10.2		23.4										
07	206	6.6			6.6										
08	08	34.4	44.0	1.0	79.4	13.8									
08	09	79.8	70.4	3.0	153.2	16.8									
08	10	50.6	8.2		58.8	27.7									
08	11	17.0	17.6		34.6										
08	12	28.2	8.8	2.0	39.0										
08	13	5.6	17.6		23.2										
08	14	17.1			17.1	8.8									
08	15	14.1			14.1	14.6									
08	16	5.6			5.6										
08	17	12.9		1.0	13.9	22.8									
08	18	6.8	8.8	1.0	16.6	7.3									
08	19	28.7		1.0	29.7	13.9									
08	20	11.4		1.0	12.4										
08	21	11.2	17.6	1.0	29.8	5.6									
08	22	5.5	8.8		14.3	5.5									
08	24	24.4	8.8		33.2	21.8									
08	25	14.3			14.3	8.2									
08	26	38.3			38.3	29.2									
08	27	76.6		1.0	77.6	32.7									
08	28	109.0			109.0										
08	29	18.4			18.4										
08	30	15.4			15.4	22.9									
08	31	102.1			102.1	5.7									
08	32	51.1			51.1										
08	33	84.3			84.3										
08	34	143.9		2.0	145.9										
08	35	136.4		17.6	154.0										
08	36	22.4	8.8		31.2										
08	37	48.8	8.8	3.0	60.6										
08	39	42.2	17.6		59.8										
08	40	11.3		3.0	14.3										
08	41	25.0		1.0	26.0										
08	45	58.5			58.5										
08	47	6.6			6.6										
08	48	151.0	8.8		159.8										
08	49	6.1			6.1										
08	50	121.4			121.4										
08	51	88.5	8.8	1.0	98.3										
08	52	67.3		2.0	69.3										
08	53	39.3			39.3										
08	55	80.6	52.8	1.0	134.4										
08	56	158.4			158.4										
08	57	39.6		3.0	42.6										
08	58	31.5			31.5										
08	59	53.4			53.4										
08	60	71.0			71.0										
08	61	11.2	8.8		20.0										
08	62	51.1			51.1										
08	63	20.0			20.0										
08	66	14.6			14.6										
08	68	5.7			5.7										
08	73	8.8			8.8										
08	74	26.6			26.6										

Table A-27 (continued)

Low Zone	High Zone	Vehicle Trips				Passenger Trips	Total Person Trips	Low Zone	High Zone	Cars	Trucks	Taxis	Total	Passenger Trips	Total Person Trips
		Cars	Trucks	Taxis	Total										
09	31	28.5			28.5	5.7	34.2	10	32	35.9			35.9	8.3	44.2
09	32	37.2		1.0	38.2	31.7	69.9	10	33	54.1			54.1	6.8	60.9
09	33	42.5		3.0	45.5	34.2	79.7	10	34	105.4	8.8		114.2	34.0	219.4
09	34	161.4	35.2	2.0	198.6	61.5	222.9	10	35	81.7		1.0	82.7	40.1	121.8
09	35	136.2	8.8	3.0	148.0	38.1	174.3	10	36			1.0	1.0	13.7	13.7
09	36	24.4			24.4		24.4	10	37	91.1	17.6		108.7	27.5	118.6
09	37	38.2	26.4	4.0	68.6	20.5	89.1	10	38	8.2	17.6		25.8		8.2
09	39	19.3	26.4		45.7	5.6	24.9	10	39	8.2	35.2		43.4	5.6	13.8
09	40	22.0		5.0	27.0	11.0	33.0	10	40	45.4	8.8		54.2	47.9	93.3
09	41	78.0	17.6		95.6	37.0	115.0	10	41	79.0	17.6	2.0	98.6	52.5	131.5
09	42	20.8			20.8	28.4	49.2	10	42	52.8			52.8	40.1	92.9
09	45	27.1			27.1		27.1	10	45	32.8			32.8	7.2	40.0
09	47			2.0	2.0			10	46	8.3			8.3	8.3	16.6
09	48	159.1			159.1	152.7	311.8	10	47	17.8			17.8		17.8
09	49	11.4			11.4		11.4	10	48	45.9			45.9	33.5	79.4
09	50	90.6	35.2		125.8	21.2	111.8	10	50	44.7	17.6		62.3	6.8	51.5
09	51	76.3	17.6		93.9	19.4	95.7	10	51	46.9	25.2		72.1	15.5	62.4
09	52	28.0		3.0	31.0	5.5	33.5	10	52	11.2			11.2	5.6	16.8
09	53	11.2		1.0	12.2	11.2	22.4	10	53	5.6			5.6		5.6
09	55	44.2	17.6		61.8	36.1	80.3	10	55	92.2			2.2	16.8	109.0
09	56	183.4		2.0	185.4	103.1	286.5	10	56	53.3			53.3	50.8	104.1
09	57	66.1	17.6	1.0	84.7	56.4	122.5	10	57	23.4			23.4	6.6	30.0
09	58	104.8			104.8	70.6	175.4	10	58	78.4		2.0	80.4	33.0	111.4
09	59	34.6			34.6		34.6	10	59	94.3			94.3	57.4	151.7
09	60	46.2	17.6		63.8	13.7	59.9	10	60	55.5			55.5	25.9	81.4
09	61	16.9			16.9		16.9	10	61	13.0			13.0	6.5	19.5
09	62	52.0	26.4		78.4	19.5	71.5	10	62	78.7		1.0	79.7	19.5	98.2
09	63	18.5			18.5	8.0	26.5	10	63	18.5			18.5	5.5	24.0
09	66	38.9			38.9	8.0	46.9	10	66	13.6			13.6		13.6
09	68	5.7			5.7		5.7	10	72	8.2			8.2		8.2
09	72	6.5			6.5		6.5	10	73	8.2			8.2		8.2
09	73	8.2			8.2		8.2	10	77	5.6			5.6		5.6
09	74	5.6			5.6		5.6	10	80	6.8			6.8		6.8
09	77	12.2			12.2	34.6	46.8	10	81	59.3			59.3	31.2	90.5
09	78	14.8			14.8		14.8	10	82	24.9	17.0	1.0	42.9	28.1	53.0
09	80	70.3			70.3	69.5	139.8	10	83	35.3	8.8		44.1	41.8	77.1
09	81	34.5			34.5	47.6	82.1	10	84	44.8		1.0	45.8	28.2	73.0
09	82	67.4	8.8		76.2	16.9	84.3	10	86		8.8		8.8	5.6	5.6
09	83	86.3			86.3	83.8	170.1	10	87	7.1			7.1		7.1
09	84	62.6		1.0	63.6	25.4	88.0	10	88	5.6			5.6		5.6
09	86			1.0	1.0			10	90	6.6			6.6		6.6
09	87	18.8	26.4		45.2	5.6	24.4	10	91	83.3			83.3	41.6	124.9
09	88		17.6		17.6		17.6	10	92	58.8	17.6		76.4	26.4	85.2
09	91	77.2		2.0	79.2	13.2	90.4	10	94	30.8	8.8		39.6	32.9	63.7
09	92			1.0	1.0		1.0	10	95		17.6		17.6		17.6
09	94	30.7	8.8	1.0	40.5	33.4	64.1	10	96	28.2	16.4		44.6		28.2
09	95	16.8		3.0	19.8	24.8	41.6	10	97	8.0			8.0	5.5	13.5
09	96	5.7			5.7	5.7	11.4	10	104	11.2			11.2		11.2
09	104	8.3			8.3		8.3	10	105		8.2		8.2		8.2
09	106	16.7		3.0	19.7	11.2	27.9	10	106	8.3	17.6		25.9		8.3
09	113	44.0			44.0	13.8	57.8	10	113	25.9		1.0	26.9		25.9
09	114	6.6			6.6	19.8	26.4	10	114	5.5		1.0	6.5		5.5
09	115		8.8		8.8			10	120	6.5			6.5		6.5
09	121		17.6		17.6			10	122	6.5			6.5		6.5
09	134	18.2			18.2	14.6	32.8	10	131	11.0			11.0		11.0
09	136	7.0			7.0		7.0	10	135	5.6			5.6		5.6
09	142	8.2			8.2		8.2	10	148	6.5			6.5	21.8	28.3
09	144	11.0			11.0	11.0	22.0	10	150	5.6			5.6	14.6	20.2
09	149	5.6			5.6	6.8	12.4	10	151	14.4			14.4		14.4
09	150	16.6			16.6		16.6	10	152	5.6			5.6		5.6
09	151	22.3			22.3		22.3	10	153		5.1		5.1		5.1
09	152	16.7			16.7		16.7	10	156	38.3	5.5		43.8	29.7	68.0
09	156	8.0	11.0		19.0	8.0	8.0	10	157	5.6			5.6	21.3	26.9
09	160	18.6			18.6	28.0	46.6	10	158	7.1			7.1	35.5	42.6
09	161	14.8			14.8		14.8	10	160	39.0			39.0	94.0	133.0
09	162	17.8			17.8		17.8	10	162	23.4			23.4	22.4	45.8
09	163	6.8			6.8		6.8	10	163	23.8			23.8	7.3	31.1
09	165	13.6			13.6		13.6	10	165	6.8			6.8		6.8
09	167	35.6			35.6	13.2	48.8	10	167	16.8			16.8		16.8
09	168	5.6			5.6		5.6	10	174	8.2			8.2	8.2	16.4
09	171	17.8	5.5		23.3	6.6	24.4	10	193	8.2			8.2	5.7	13.9
09	172	33.0			33.0	13.2	46.2	10	200	21.0			21.0	28.9	49.9
09	175	5.6			5.6		5.6	10	204	7.1			7.1	8.0	15.1
09	185	5.7			5.7		5.7	10	206	11.2			11.2		11.2
09	194	16.5			16.5	8.2	24.7	10	210	6.5			6.5	6.5	13.0
09	195	6.1			6.1		6.1	10	215	8.0			8.0	5.5	13.5
09	199	14.7			14.7		14.7	11	11		8.8		8.8		8.8
09	200	6.5			6.5		6.5	11	12	5.6			5.6	19.4	25.0
09	201	13.0			13.0	26.0	39.0	11	13	11.2			11.2		11.2
09	204	6.6			6.6		6.6	11	16	8.3			8.3		8.3
10	10	49.8	17.6	1.0	68.4	13.9	63.7	11	18	14.6	8.8		23.4		14.6
10	11	5.6	17.6		23.2	5.6	11.2	11	20	5.6			5.6		5.6
10	12	19.6		2.0	21.6		19.6	11	21	16.6			16.6	5.6	22.2
10	13	5.7	8.8	1.0	15.5		5.7	11	22		8.8		8.8		8.8
10	14	49.1			49.1	8.3	57.4	11	24	5.6			5.6		5.6
10	15	21.9			21.9	5.7	27.6	11	25	11.2			11.2		11.2
10	16	21.8			21.8	19.2	41.0	11	26	11.7	35.2		46.9		11.7
10	17	41.1	8.8	2.0	51.9		41.1	11	29	19.8			19.8		19.8
10	18	38.5	8.8	1.0	48.3	16.0	54.5	11	30	14.2			14.2		14.2
10	19	53.0		1.0	54.0		53.0	11	31	20.3	17.6		37.9		20.3
10	20	11.3	8.8		20.1		11.3	11	32		8.8		8.8		8.8
10	21	18.7			18.7	13.0	31.7	11	33	19.4	17.6		37.0		19.4
10	22	30.4	8.2		38.6	13.2	43.6	11	34	7.1	8.8		15.9		7.1
10	23	5.6			5.6		5.6	11	35	36.6			36.6		36.6
10	24		8.8		8.8			11	38		8.8		8.8		8.8
10	25	35.6	17.6	1.0	54.2		35.6	11	39	5.6			5.6		5.6
10	26	54.7			54.7	30.6	85.3	11	40		17.6		17.6	7.0	7.0
10	27	84.7	44.0		128.7	20.0	104.7	11	41	16.5			16.5		16.5
10	28	39.7			39.7	13.2	52.9	11	42	5.6			5.6	5.6	11.2
10	29	93.2	8.8		102.0	60.4	153.6	11	45	5.7	8.8		14.5		5.7
10	30	33.0		2.0	35.0		33.0	11	48	5.6	26.4		32.0	14.2	19.8
10	31	43.2			43.2	22.8	66.0	11	50	54.5			54.5	31.7	86.2

Table A-27 (continued)

Low Zone	High Zone	Vehicle Trips				Passenger Trips	Total Person Trips	Low Zone	High Zone	Vehicle Trips				Passenger Trips	Total Person Trips
		Cars	Trucks	Taxis	Total					Cars	Trucks	Taxis	Total		
11	51		17.6		17.6										
11	52	11.2			11.2			13	27	26.4		26.4	8.3	8.3	
11	55	28.1	35.2		63.3			13	29	33.6	8.8	42.4	5.6	39.2	
11	56	33.6			33.6			13	31	36.7		36.7		36.7	
11	59	21.3			21.3			13	33	11.2		11.2		11.2	
11	60	39.7	8.8	1.0	49.5	17.1		13	34	22.4		22.4		22.4	
11	61		8.8		8.8			13	37	11.2		11.2		11.2	
11	73		8.8		8.8			13	38	5.6		5.6		5.6	
11	77	5.7			5.7	8.0		13	41	11.2		11.2		11.2	
11	81	34.2			34.2	20.3		13	42	11.2	35.2	46.4	5.6	16.8	
11	83	36.7	8.8		45.5			13	48	47.8		47.8		47.8	
11	84	34.1		1.0	35.1	11.4		13	49	5.6		5.6		5.6	
11	92	19.4			19.4	13.7		13	51		8.8	8.8		8.8	
11	94	5.6			5.6			13	52	17.0		17.0		17.0	
11	95		17.6		17.6			13	53		17.6	17.6		17.6	
11	113	11.2			11.2			13	55	61.6		61.6	5.6	67.2	
11	135		8.8		8.8			13	56	7.1		7.1	5.6	12.7	
11	151	5.6			5.6			13	57		35.2	35.2		35.2	
11	152	11.4			11.4			13	59	19.4		19.4	19.3	38.7	
11	156	28.5			28.5	5.7		13	60	8.2		8.2		8.2	
11	157	8.2			8.2			13	66	17.1		17.1		17.1	
11	161	5.6			5.6	27.6		13	75		17.6	17.6		17.6	
11	165		5.1		5.1			13	77	5.7		5.7		5.7	
11	166		5.1		5.1			13	80	22.8		22.8		22.8	
11	167	7.1			7.1			13	83	25.0	35.2	60.2		25.0	
11	171	7.1			7.1			13	84	28.4		28.4		28.4	
11	206	5.6	10.2		15.8	8.3		13	87	5.6	17.6	23.2		5.6	
12	12	16.9	8.2		25.1		8.3	13	91	11.2		11.2		11.2	
12	13		8.8		8.8			13	94	24.6		24.6	16.4	41.0	
12	14		17.6		17.6			13	105	5.6	8.8	14.4		5.6	
12	16	8.3			8.3	7.3		13	106			1.0		1.0	
12	17	5.6			5.6			13	109		17.6	17.6	1.0	1.0	
12	18	6.8		1.0	7.8			13	151			1.0		1.0	
12	20	5.7			5.7			13	152	11.2		11.2		11.2	
12	22	5.5	8.8		14.3	8.0		13	154		11.0	11.0		11.0	
12	23			1.0	1.0			13	156	5.6	10.2	15.8		5.6	
12	24			1.0	1.0			13	163		10.2	10.2		10.2	
12	25	14.9			14.9			13	167	5.6		5.6		5.6	
12	26	6.1			6.1	7.7		13	200			1.0		1.0	
12	27	17.0		1.0	18.0	14.4		14	16	8.2	1.0	9.2	8.2	16.4	
12	29	12.2			12.2			14	17	8.3		8.3	13.9	22.2	
12	30			1.0	1.0			14	19	8.2		8.2	8.0	16.2	
12	31	26.1			26.1	14.6		14	25	7.3		7.3		7.3	
12	33	48.7			48.7			14	26	8.2		8.2		8.2	
12	34	74.9		1.0	75.9			14	27	16.5		16.5	32.8	49.3	
12	35	33.7		1.0	34.7	16.4		14	28	5.6		5.6		5.6	
12	37	35.6		1.0	36.6	5.6		14	29	19.8		19.8	42.6	62.4	
12	39	16.7			16.7			14	31	45.7		45.7	36.7	82.4	
12	40	5.6			5.6			14	32	39.0		39.0	43.8	82.8	
12	41	6.5			6.5			14	33	7.3		7.3	7.3	14.6	
12	43		16.4		16.4			14	34	22.4		22.4	19.7	42.1	
12	45	37.7			37.7	27.6		14	35		1.0	1.0	8.2	8.2	
12	47	22.4			22.4	11.2		14	39	22.8		22.8		22.8	
12	48	78.8			78.8	30.6		14	41	8.2		8.2		8.2	
12	50	33.3		1.0	34.3	12.5		14	44	8.2		8.2	5.7	13.9	
12	51	35.1		1.0	36.1	5.7		14	45	23.1		23.1	53.9	77.0	
12	52			2.0	2.0			14	48	29.6		29.6	35.5	65.1	
12	55	12.2			12.2	6.6		14	50		1.0	1.0	8.3	8.3	
12	56	25.1			25.1	5.6		14	51	15.1		15.1	11.4	26.5	
12	57	23.9		3.0	26.9	14.2		14	52	5.7		5.7	11.4	17.1	
12	58	26.4			26.4	13.2		14	55	53.4		53.4	63.9	117.3	
12	59	31.0			31.0	13.2		14	56	36.6		36.6	5.6	42.2	
12	60	11.3		3.0	14.3	11.2		14	57	7.1		7.1	7.1	14.2	
12	62	6.5			6.5			14	58		1.0	1.0		1.0	
12	63	27.6			27.6	7.0		14	59	15.3		15.3	16.4	31.7	
12	65	7.3			7.3			14	60	60.3		60.3	39.5	99.8	
12	66			1.0	1.0			14	62	22.2		22.2	14.0	36.2	
12	75	5.6			5.6			14	74	14.6		14.6	14.2	28.8	
12	77	6.6			6.6	6.6		14	80	18.7		18.7		18.7	
12	80	14.6			14.6			14	81	22.8		22.8	52.0	74.8	
12	81	6.8			6.8			14	82			1.0	19.4	19.4	
12	82	25.1			25.1	16.7		14	83		1.0	1.0		1.0	
12	83	34.0			34.0	13.6		14	84	7.3		7.3	14.6	21.9	
12	84	37.4			37.4	14.6		14	91	23.7		23.7	74.2	97.9	
12	91	47.3			47.3	11.2		14	93	14.6		14.6		14.6	
12	92	11.2			11.2	5.7		14	94	25.3		25.3	38.4	63.7	
12	94	16.5			16.5			14	96		1.0	1.0		1.0	
12	95		8.2		8.2			14	104	8.3		8.3		8.3	
12	125	6.5			6.5	26.8		14	114	8.3		8.3		8.3	
12	126	6.5			6.5			14	150		5.1	5.1	14.6	14.6	
12	128	5.6			5.6			14	151	5.5		5.5	8.0	8.0	
12	135	11.2			11.2			14	167	5.1		5.1	8.2	8.2	
12	150	11.2			11.2	6.8		14	194	22.8		22.8		22.8	
12	151	24.8			24.8	8.0		14	195	8.3		8.3	8.3	16.6	
12	153	6.5			6.5			15	16	5.7		5.7		5.7	
12	154		11.0		11.0			15	17		8.8	8.8	7.3	7.3	
12	160	6.5			6.5	13.0		15	18	26.8		26.8		26.8	
12	161	26.0			26.0	13.0		15	23	7.3		7.3		7.3	
12	165	19.4			19.4	6.6		15	24		8.8	8.8		8.8	
12	171	13.2			13.2	62.5		15	27	22.8		22.8	11.4	34.2	
12	172	30.0			30.0	18.8		15	28	8.3		8.3		8.3	
12	173	6.6			6.6	14.2		15	29	11.4		11.4	15.6	27.0	
12	188		5.1		5.1	6.6		15	30	21.3		21.3	22.4	43.7	
12	200	6.5			6.5	6.5		15	31	27.0	8.8	35.8	37.5	64.5	
12	205	5.6			5.6	6.5		15	32	65.3		65.3	7.3	72.6	
12	206				11.2	14.2		15	33	30.0		30.0	17.1	47.1	
13	13		44.0		44.0			15	34	71.0		71.0		71.0	
13	15		8.8		8.8			15	35	8.3		8.3	22.5	30.8	
13	18		17.6		17.6			15	36	7.3		7.3	7.3	14.6	
13	19		17.6		17.6			15	41	17.1		17.1		17.1	
13	22	5.6			5.6			15	48		8.8	8.8		8.8	
13	26	32.1	8.8		40.9	6.1		15	50	20.3	17.6	37.9	7.3	27.6	
								15	51	27.2		27.2	28.2	55.4	

Table A-27 (continued)

Low Zone	High Zone	Vehicle Trips				Passenger Trips	Total Person Trips	Low Zone	High Zone	Vehicle Trips				Passenger Trips	Total Person Trips
		Cars	Trucks	Taxis	Total					Cars	Trucks	Taxis	Total		
15	52	5.7	8.8		14.5	5.7	11.4	17	106	7.3			7.3	7.3	
15	53	11.4			11.4		11.4	17	109		2.0		2.0		
15	55	11.2			11.2	22.5	33.7	17	113	11.2			11.2	7.1	
15	56	16.9			16.9	14.2	31.1	17	135	13.0			13.0	29.2	
15	60	5.6			5.6		5.6	17	150	5.6			5.6	5.6	
15	62	14.6			14.6	29.2	43.8	17	151	5.5			5.5	5.5	
15	63	5.6			5.6		5.6	17	157	5.5			5.5	5.5	
15	66	11.4			11.4	11.0	22.4	17	160	14.0			14.0	14.0	
15	81	21.1		1.0	22.1	14.6	35.7	17	194	7.3			7.3	15.6	
15	82	27.2		1.0	28.2		27.2	17	200	11.0			11.0	14.0	
15	91	8.3			8.3	8.3	16.6	17	204	11.2			11.2	8.3	
15	92	14.6			14.6	14.6	29.2	17	211	7.3			7.3	7.3	
15	119	14.6			14.6		14.6	17	216	7.3			7.3	7.3	
15	151	5.7			5.7		5.7	18	18	8.2	8.8		17.0	16.4	
15	152	5.5			5.5		5.5	18	19	11.4	8.8	1.0	21.2	24.6	
15	160	5.6			5.6		5.6	18	20	5.6			5.6	11.4	
15	161	11.0			11.0	14.6	25.6	18	21	11.0			11.0	5.6	
15	170	29.2			29.2	29.2	58.4	18	25	16.6			16.6	11.0	
15	185	5.7			5.7		5.7	18	27	8.0			8.0	16.6	
15	203		5.5		5.5		5.5	18	28	7.3			7.3	5.7	
15	206	7.3			7.3	7.3	14.6	18	29	5.7			5.7	13.7	
15	216		11.0		11.0		11.0	18	30	20.3			20.3	7.1	
16	19	8.2			8.2	14.6	22.8	18	30	14.2			14.2	12.8	
16	21	16.9			16.9	5.7	22.6	18	31	5.7			5.7	7.1	
16	26	5.7	17.6		23.3		5.7	18	32	17.6			17.6	46.8	
16	27	28.8		1.0	29.8		28.8	18	33	73.9	8.8		82.7	27.6	
16	30	19.9			19.9		19.9	18	34	64.9	8.8		73.7	39.0	
16	31	47.9			47.9	20.3	68.2	18	35	16.3			16.3	103.1	
16	32			1.0	1.0		1.0	18	36	17.6			17.6	16.3	
16	33	61.9			61.9		61.9	18	37	5.5			5.5		
16	34	47.8			47.8	26.6	74.4	18	38	17.6			17.6	5.5	
16	35		8.8		8.8		8.8	18	39	6.8			6.8	6.8	
16	36		8.8		8.8		8.8	18	40	5.7			5.7	11.4	
16	41	19.6			19.6		19.6	18	41	25.7			25.7	17.1	
16	48	55.7	8.8		64.5	5.6	61.3	18	43		35.2		35.2	37.1	
16	50	24.4			24.4	18.7	43.1	18	48	36.3	8.8		45.1		
16	51	49.6			49.6	13.6	63.2	18	49	17.6			17.6	36.3	
16	52	45.5			45.5	5.6	51.1	18	50	41.6	8.8		50.4	14.6	
16	53	22.7			22.7	8.2	30.9	18	51	23.3		1.0	33.1	30.2	
16	55	28.1			28.1		28.1	18	52	28.5			28.5	7.3	
16	57	20.2			20.2	58.3	78.5	18	53	11.4			11.4	17.1	
16	58	5.5			5.5		5.5	18	55	16.5			16.5	41.1	
16	59	7.1			7.1	6.8	13.9	18	56	32.0	8.8		40.8	32.0	
16	62	11.2			11.2		11.2	18	58	5.7			5.7	5.7	
16	63			1.0	1.0		1.0	18	59	7.3	1.0		8.3		
16	68	11.2			11.2		11.2	18	60	8.8			8.8	7.3	
16	71	5.7			5.7	14.6	20.3	18	63	35.9	8.8		44.7	14.6	
16	73	14.6			14.6	14.6	29.2	18	66	16.0			16.0	35.9	
16	81	8.3			8.3		8.3	18	66	11.4			11.4	5.5	
16	82	42.7			42.7	19.3	62.0	18	73	8.3			8.3	11.4	
16	83	26.0		1.0	27.0	5.7	31.7	18	74	8.2			8.2	8.3	
16	84	17.1			17.1		17.1	18	75	7.3	8.8		16.1	24.6	
16	87	25.4			25.4		25.4	18	78	7.3			7.3	7.3	
16	91	11.4			11.4		11.4	18	82	28.2			28.2	14.6	
16	94	5.7			5.7	5.7	11.4	18	83	27.6			27.6	28.2	
16	96	13.6			13.6	11.4	25.0	18	84	27.6	17.6		45.2	20.3	
16	106	5.6			5.6	11.4	13.0	18	87	8.2	8.8		17.0	47.9	
16	109	22.7			22.7	24.6	47.3	18	89	12.7			12.7	31.9	
16	142	7.3			7.3		7.3	18	90	8.8			8.8	14.2	
16	148	11.0			11.0	7.0	18.0	18	92	25.6	8.8		34.4	29.2	
16	157	7.3			7.3		7.3	18	94	8.2			8.2	39.8	
16	161	14.0			14.0		14.0	18	95	5.7	17.6		23.3	47.2	
16	163	5.5			5.5	11.0	16.5	18	96	17.1			17.1	5.7	
16	171	14.6			14.6		14.6	18	100	5.5			5.5	17.1	
16	194	16.4			16.4	14.6	31.0	18	109	11.4			11.4	5.5	
16	195	8.0			8.0		8.0	18	113	5.5			5.5	11.4	
16	199	7.0			7.0	14.0	21.0	18	120	7.3			7.3	14.2	
17	17	8.5			8.5		8.5	18	121	7.3			7.3	7.3	
17	18	7.3			7.3		7.3	18	131	5.5			5.5	7.3	
17	19			1.0	1.0		1.0	18	136	7.0			7.0	7.0	
17	21		8.8		8.8		8.8	18	149	7.3			7.3	7.3	
17	27	37.3			37.3	5.5	42.8	18	150	8.0			8.0	8.0	
17	29	49.7			49.7	60.4	110.1	18	151	17.1			17.1	17.1	
17	30	19.9		1.0	20.9	48.6	69.5	18	199	14.0			14.0	41.0	
17	31	16.6			16.6	28.4	45.0	18	200	5.5			5.5	14.3	
17	32	22.9			22.9		22.9	19	20	13.8		1.0	14.8	19.8	
17	33	48.6		8.8	57.4	5.6	63.0	19	21	11.0		1.0	12.0	22.0	
17	34	35.2		8.8	44.0	7.3	51.3	19	22		17.6	1.0	18.6	13.5	
17	35	22.4			22.4		22.4	19	24			1.0	1.0	24.5	
17	36			1.0	1.0		1.0	19	26	66.6			66.6	31.3	
17	37	26.2			26.2	6.8	33.0	19	27	6.1			6.1	97.9	
17	39	7.3			7.3		7.3	19	28	28.4	17.6		46.0	6.1	
17	41	5.7			5.7		5.7	19	29	32.4			32.4	42.6	
17	42	7.1			7.1	7.1	14.2	19	30	16.9			16.9	32.4	
17	47	8.2			8.2		8.2	19	31	11.1			11.1	16.9	
17	48	7.1			7.1		7.1	19	32	16.9	1.0		17.9	41.7	
17	50	8.0	8.8		16.8		16.8	19	33	7.3			7.3	5.5	
17	51	19.3		1.0	20.3		20.3	19	34	77.6	3.0		80.6	8.2	
17	52	28.2			28.2		28.2	19	35	28.0	8.8	2.0	38.8	31.0	
17	55	11.3			11.3		11.3	19	36	11.2			11.2	5.6	
17	56	14.2			14.2		14.2	19	37	72.2			72.2	16.8	
17	57	29.1			29.1		29.1	19	40	12.7		2.0	14.7	89.0	
17	58	7.1			7.1		7.1	19	41	81.2			81.2	7.0	
17	59	8.0			8.0		8.0	19	42	83.3			83.3	49.5	
17	75	14.2			14.2		14.2	19	45	5.5			5.5	36.6	
17	77	11.2			11.2		11.2	19	47	18.3			18.3	5.5	
17	80	5.7			5.7		5.7	19	48	128.4	8.8		137.2	18.3	
17	81	21.8			21.8	46.7	68.5	19	50	57.0			57.0	194.0	
17	83	29.2			29.2		29.2	19	51	34.1		1.0	35.1	57.0	
17	84	21.9			21.9	29.2	51.1	19	52	5.6		1.0	6.6	65.8	
17	91	5.6			5.6	7.1	12.7	19	53	22.0			22.0	5.6	
17	105	8.3			8.3		8.3	19	55	78.9			78.9	22.0	
								19	56	7.1	17.6		24.7	93.1	
														21.3	

Table A-27 (continued)

Low Zone	High Zone	Vehicle Trips			Passenger Trips	Total Person Trips	Low Zone	High Zone	Vehicle Trips			Passenger Trips	Total Person Trips		
		Cars	Trucks	Taxis					Total	Cars	Trucks			Taxis	Total
19	57	31.0			31.0	43.7	74.7	21	56	22.4			22.4	22.0	44.4
19	58	19.4			19.4	18.3	37.7	21	57	28.0			28.0		28.0
19	59	45.0			45.0		45.0	21	58	5.6			5.6		5.6
19	60	29.1		1.0	30.1		29.1	21	59	8.2			8.2		8.2
19	61	7.0			7.0	13.5	20.5	21	60	5.6			5.6	5.6	11.2
19	62	33.0			33.0	44.0	77.0	21	62	53.8			53.8	34.5	88.3
19	66	24.3			24.3	7.3	31.6	21	63	33.0			33.0		33.0
19	72	16.5			16.5		16.5	21	64		35.2		35.2		35.2
19	77	16.7			16.7	7.1	23.8	21	66			1.0	1.0	7.0	7.0
19	78	5.6			5.6	7.1	12.7	21	73	14.0			14.0	47.5	61.5
19	81	17.1			17.1		17.1	21	77	11.2			11.2		11.2
19	82	5.6			5.6		5.6	21	81	22.8			22.8		22.8
19	83	50.5			50.5	53.6	104.1	21	82		17.6		17.6		17.6
19	84	17.1			17.1	8.0	25.1	21	83	15.5			15.5		15.5
19	88	7.1			7.1	7.1	7.1	21	91	5.7			5.7		5.7
19	91	31.0		1.0	32.0	14.2	45.2	21	92	30.4			30.4	14.0	44.4
19	94	16.4	17.6		34.0	11.0	27.4	21	94	11.2		35.2	46.4		11.2
19	95	16.8			16.8		16.8	21	95	22.0			22.0		22.0
19	113	24.0			24.0	25.4	49.4	21	106		8.8		8.8		8.8
19	114		8.8		8.8		8.8	21	107	5.5			5.5	11.0	16.5
19	144	5.5			5.5	5.5	11.0	21	109	11.2			11.2		11.2
19	151	8.2			8.2	5.6	13.8	21	113	14.0			14.0		14.0
19	153	7.0			7.0		7.0	21	115	8.3			8.3		8.3
19	156	11.2			11.2		11.2	21	142		8.8		8.8	5.7	14.0
19	157	14.2		1.0	15.2	7.1	21.3	21	151	5.7			5.7	8.3	14.0
19	158	33.6			33.6	7.1	40.7	21	157	11.2			11.2	5.6	16.8
19	159	7.0			7.0	14.0	21.0	21	160	11.0			11.0	14.0	25.0
19	161	16.5			16.5	12.5	29.0	21	162	11.2			11.2		11.2
19	164	5.7			5.7	18.0	23.7	21	171	11.2			11.2		11.2
19	165	14.6			14.6		14.6	21	172		5.5		5.5		5.5
19	167	11.2			11.2		11.2	21	180	5.7			5.7		5.7
19	171	16.8		1.0	17.8		16.8	21	189	5.5			5.5		5.5
19	172	7.1			7.1	11.2	18.3	21	200	11.0			11.0		11.0
19	175		10.2		10.2		10.2	21	211		5.5		5.5		5.5
19	189	5.5			5.5		5.5	22	22		44.0		44.0		44.0
19	204			1.0	1.0		1.0	22	24	14.2			14.2		14.2
19	206	14.2	10.2		24.4	25.4	39.6	22	26		8.8		8.8		8.8
20	21	5.6			5.6		5.6	22	27		8.2		8.2		8.2
20	23			1.0	1.0		1.0	22	29	6.1			6.1		6.1
20	24		52.8		52.8		52.8	22	31	22.8			22.8		22.8
20	25		8.8		8.8		8.8	22	33	16.8			16.8	5.6	22.4
20	26	5.7			5.7	16.4	22.1	22	34	11.2			11.2		11.2
20	29	5.6	8.8		14.4	8.0	13.6	22	35	50.8			50.8	11.2	62.0
20	31	22.8			22.8	5.7	28.5	22	37	11.2	8.8		20.0		11.2
20	32	5.7			5.7		5.7	22	38	11.2			11.2		11.2
20	33	6.8			6.8		6.8	22	39		8.8		8.8		8.8
20	34	5.6			5.6		5.6	22	40	8.0			8.0		8.0
20	37	27.6	17.6		45.2	11.0	38.6	22	41	56.7			56.7	23.1	79.8
20	38	8.3			8.3	5.7	14.0	22	42	6.6			6.6		6.6
20	39		26.4		26.4		26.4	22	47		17.6		17.6	6.6	6.6
20	40		8.8		8.8		8.8	22	55	6.1			6.1		6.1
20	41	12.0			12.0		12.0	22	57		8.8		8.8		8.8
20	48	28.0			28.0		28.0	22	58	16.8			16.8		16.8
20	50	22.8			22.8		22.8	22	60		44.0		44.0		44.0
20	51	5.7			5.7		5.7	22	62	45.5			45.5	7.0	52.5
20	55	5.6			5.6		5.6	22	63	45.5			45.5	6.5	52.0
20	56	23.9	35.2		59.1		23.9	22	65	7.3			7.3		7.3
20	57	29.0			29.0	7.1	36.1	22	66	25.5			25.5	43.8	69.3
20	58	41.7			41.7	7.1	48.8	22	68	5.7			5.7	11.2	16.9
20	59	7.1			7.1		7.1	22	82	8.3			8.3	41.5	49.8
20	60	6.6		1.0	7.6	6.6	13.2	22	84		35.2		35.2		35.2
20	62		8.8		8.8		8.8	22	90		35.2		35.2		35.2
20	64		8.8		8.8		8.8	22	92	17.6			17.6	5.7	5.7
20	65	8.3			8.3		8.3	22	94	8.2			8.2		8.2
20	66	7.3			7.3		7.3	22	96	25.8			25.8		25.8
20	74	5.6			5.6	8.2	13.8	22	105	13.7			13.7	15.3	29.0
20	77	5.5			5.5		5.5	22	158		5.1		5.1		5.1
20	78	5.6			5.6	8.2	13.8	22	164		5.1		5.1		5.1
20	80	6.8			6.8		6.8	22	153	22.2			22.2		22.2
20	84		35.2		35.2	6.8	6.8	22	196		11.0		11.0	13.7	35.9
20	87		8.8		8.8		8.8	22	206	5.6			5.6		5.6
20	88	8.2			8.2		8.2	22	210	8.2			8.2		8.2
20	91	5.6			5.6		5.6	23	27	8.0			8.0	7.7	15.7
20	93		26.4		26.4		26.4	23	37	8.3			8.3	5.7	14.0
20	94		17.6		17.6	8.0	8.0	23	41	12.5	1.0		12.5	7.0	19.5
20	95	5.6			5.6		5.6	23	47	8.3			8.3	8.3	16.6
20	113	33.6			33.6	11.2	44.8	23	52	8.8		1.0	9.8	35.2	44.0
20	155	16.4			16.4		16.4	23	56			1.0	1.0		1.0
20	160	6.5			6.5		6.5	23	58	22.4			22.4	8.2	30.6
20	163	5.7			5.7		5.7	23	63	5.7			5.7		5.7
20	167	8.2			8.2		8.2	23	64		17.6		17.6		17.6
20	171	13.2			13.2		13.2	23	67	8.2			8.2	8.2	16.4
20	173	5.7			5.7		5.7	23	68	8.8			8.8	35.2	44.0
20	217		11.0		11.0		11.0	23	84	5.7			5.7		5.7
21	22		26.4		26.4		26.4	23	94	16.3			16.3		16.3
21	24		8.8		8.8		8.8	23	96		17.6		17.6		17.6
21	25		8.8		8.8		8.8	23	117		8.8		8.8		8.8
21	26	14.0			14.0	14.0	28.0	23	135	5.6		1.0	6.6		5.6
21	27	36.2			36.2	24.4	60.6	23	151	8.2			8.2	8.2	16.4
21	29	12.6			12.6	56.8	69.4	23	160	5.5			5.5		5.5
21	30	11.2			11.2		11.2	23	206	16.5			16.5		16.5
21	31	16.5			16.5	11.0	27.5	24	26	12.2		1.0	13.2		12.2
21	32	14.6			14.6		14.6	24	27	42.3			42.3	6.1	48.4
21	33	5.6			5.6		5.6	24	34	20.8			20.8	7.1	27.9
21	34	67.4	8.8	1.0	77.2	16.8	67.4	24	37	13.2			13.2	81.7	94.9
21	35	117.6			117.6		117.6	24	40	22.0			22.0	5.7	27.7
21	36	15.4	8.8		24.2		15.4	24	42	14.2			14.2		14.2
21	39	5.7	26.4		32.1		5.7	24	48		17.6		17.6		17.6
21	40	25.0			25.0		25.0	24	52			1.0	1.0		1.0
21	41	5.7			5.7	22.0	27.7	24	55		17.6		17.6		17.6
21	51		8.8		8.8	11.0	11.0	24	56	5.6			5.6		5.6
21	55		8.8		8.8		8.8	24	58	22.4			22.4		22.4

Table A-27 (continued)

Low Zone	High Zone	Vehicle Trips			Passenger Trips	Total Person Trips	Low Zone	High Zone	Vehicle Trips			Passenger Trips	Total Person Trips
		Cars	Trucks	Taxis					Cars	Trucks	Taxis		
24	62	33.0				26	109	12.2					
24	63				11.0	26	113	19.3	8.8		7.1	26.4	
24	74	18.3	8.8	1.0		26	114	17.6	17.6		23.1	23.1	
24	77	5.7				26	128	15.4				15.4	
24	82	5.7				26	131	11.0				11.0	
24	83	17.1				26	133	5.5				5.5	
24	84	43.8			56.8	26	135	11.4	8.8			20.2	
24	88		8.8			26	148	7.0				7.0	
24	94	17.0				26	151		11.0			11.0	
24	106	12.7				26	155	5.5	16.5			22.0	
24	156	8.3				26	161	11.0				11.0	
24	163	7.3				26	166	12.2				12.2	
24	165		5.5			26	171	5.6				5.6	
24	194		16.5			26	173	5.6				5.6	
24	201					26	193	15.7				15.7	
25	26	55.0	8.8			26	194		11.0			11.0	
25	27	23.6	26.4			26	195	14.9				14.9	
25	29	16.8			8.2	26	196	7.7				7.7	
25	30	22.4				26	206	13.3				13.3	
25	31	11.4				26	215	5.7				5.7	
25	34	8.8				26	216	5.7				5.7	
25	35	22.4				26	217	5.5	5.5			11.0	
25	37	13.2				27	27	22.2			88.0	110.2	
25	39		17.6		13.2	27	28	13.4			14.0	27.4	
25	42	12.2	17.6			27	29	36.1			36.6	72.7	
25	46	16.8				27	30	26.9		1.0		27.9	
25	47		8.8			27	31	11.7	17.6	2.0		31.3	
25	48	14.2				27	33	39.0		1.0		40.0	
25	54	5.6				27	34	66.7	8.8			75.5	
25	55	22.4				27	35	30.1	8.8	1.0		39.9	
25	56		17.6			27	36	21.0	8.8			29.8	
25	57	12.7	8.8			27	37	31.6				31.6	
25	60		8.8			27	38	5.7	26.4			32.1	
25	64	11.0				27	39	20.4	17.6			38.0	
25	66	13.6				27	40	8.2		2.0		10.2	
25	67	5.5				27	41	44.4			8.2	52.6	
25	74		17.6			27	45	43.0			14.0	57.0	
25	84		17.6			27	46	7.7	8.8		7.7	15.5	
25	85	11.2				27	47	15.4			8.3	23.7	
25	91	5.6	8.8			27	48	133.6	26.4		160.0	149.0	
25	94	11.2			11.2	27	50	11.4			5.7	17.1	
25	95		35.2			27	51	46.4			14.4	60.8	
25	105		17.6			27	52	78.8		2.0		80.8	
25	112		8.8			27	53	34.6				34.6	
25	113			1.0		27	55	46.4				46.4	
25	114	5.6				27	57	17.3		1.0		18.3	
25	135		8.8		7.1	27	59	13.8				13.8	
25	193		5.5			27	60	17.5	8.8	2.0		28.3	
26	26	60.3	17.6			27	61	6.1				6.1	
26	27	42.7	8.8		36.4	27	62		8.8		12.2	12.2	
26	28	11.2		1.0		27	63	18.7				18.7	
26	29	12.2	8.8			27	65	8.0				8.0	
26	31	34.7				27	73	22.2	35.2		13.8	36.0	
26	32		17.6			27	74	15.4				15.4	
26	33	38.5				27	75	19.3				19.3	
26	34	7.1	17.6			27	78	6.1				6.1	
26	35		8.8			27	80	18.6			20.2	38.8	
26	37	15.4				27	81	39.8		1.0	23.1	62.9	
26	39	45.9			30.8	27	82	19.4			7.2	26.6	
26	40	21.2				27	83	79.8			20.3	100.1	
26	41	25.4	8.8			27	85		8.8			8.8	
26	42	21.3	17.6			27	86	5.7				5.7	
26	45	67.9			7.0	27	88	5.5				5.5	
26	46	5.5				27	90	15.4			46.2	61.6	
26	47	14.2	8.8			27	91	11.2			28.4	39.6	
26	48	13.9	8.8			27	92	11.3	8.8		5.7	17.0	
26	50	18.7	8.8			27	94	38.1		1.0		39.1	
26	51	11.2				27	95	24.4	52.8			77.2	
26	52	11.7		1.0		27	96	28.8	17.6		15.4	46.4	
26	55		61.6			27	106	60.0		1.0		61.0	
26	56	28.0	17.6			27	113	11.2			7.1	18.3	
26	57	21.3				27	134	11.4				11.4	
26	58	52.1				27	142			1.0		1.0	
26	59	6.1			60.4	27	150	5.6				5.6	
26	60	19.5				27	151	25.6		1.0	11.2	36.8	
26	61	12.2	44.0			27	152	24.4				24.4	
26	62	44.4	8.8			27	155			1.0		1.0	
26	63	19.7	8.8			27	156	5.7	5.5			11.2	
26	66	14.6				27	157			1.0		1.0	
26	68		26.4			27	158	15.3			11.2	26.5	
26	73	5.7				27	161	12.2			12.2	24.4	
26	74	6.1				27	165	11.4			11.4	22.8	
26	75	24.4				27	166	24.4			24.4	24.4	
26	77	12.2				27	167	11.2	5.5			16.7	
26	80	18.7				27	168		10.2			10.2	
26	81	11.4				27	172		5.5			5.5	
26	82	8.2		1.0		27	173	11.2			28.4	39.6	
26	83	22.3				27	186	5.7			5.7	5.7	
26	84	7.3			14.6	27	187	5.7			5.7	5.7	
26	85		8.8			27	188		5.5			5.5	
26	87	11.2	26.4			27	192	5.6			5.6	5.6	
26	88	7.7				27	193	22.0	11.0	2.0	5.7	27.7	
26	89	15.4			34.1	27	194	11.4		1.0		12.4	
26	91	6.1				27	195	15.4				15.4	
26	94	19.9				27	204	6.1				6.1	
26	95	24.4	35.2			27	206	13.7			5.6	19.3	
26	96	8.0				27	217	8.2	5.5			13.7	
26	105	16.0			8.0	28	29	32.7				32.7	
26	106	13.8		1.0		28	30	16.8			22.4	39.2	
						28	31	39.2			22.4	61.6	

Table A-27 (continued)

Low Zone	High Zone	Vehicle Trips				Passenger Trips	Total Person Trips	Low Zone	High Zone	Vehicle Trips				Passenger Trips	Total Person Trips
		Cars	Trucks	Taxis	Total					Cars	Trucks	Taxis	Total		
28	32	29.5			29.5	28.4	57.9	30	45	6.1			6.1	6.1	12.2
28	33	5.6			5.6	11.3	16.9	30	46	5.6			5.6	14.7	19.8
28	34	59.0			59.0	59.8	109.8	30	47	5.6			5.6		5.6
28	35	11.2			11.2		11.2	30	48	33.6			33.6	31.0	64.6
28	38	14.2			14.2		14.2	30	49	6.1			6.1		6.1
28	40	5.6			5.6		5.6	30	50	61.6			61.6	56.4	118.0
28	41	7.0			7.0		7.0	30	51	71.2			71.2	14.9	86.1
28	42	25.4			25.4	14.2	39.6	30	52	16.9			16.9		16.9
28	48	11.2			11.2	14.2	25.4	30	53	44.8			44.8	21.3	66.1
28	50	17.1			17.1	14.6	31.7	30	56	11.4			11.4	42.6	54.0
28	51	87.0			87.0	74.6	161.6	30	57	18.3			18.3	36.6	54.9
28	52	7.1			7.1		7.1	30	58	14.2			14.2	14.2	28.4
28	55	25.4			25.4	7.1	32.5	30	60	41.8			41.8	7.1	48.9
28	56	11.4			11.4		11.4	30	71	5.7			5.7		5.7
28	57	17.1			17.1		17.1	30	74	24.8			24.8		24.8
28	60	30.6			30.6	19.6	50.2	30	75	5.5			5.5		5.5
28	73	14.2			14.2		14.2	30	80	48.6			48.6	11.4	60.0
28	75	22.4			22.4		22.4	30	81	39.7			39.7	85.5	125.2
28	77	11.2			11.2	16.6	27.8	30	82	33.5			33.5		33.5
28	80	28.0			28.0	43.8	71.8	30	83	176.2			176.2	129.7	305.9
28	82	7.1			7.1	11.4	18.5	30	84	85.6			85.6	5.6	52.9
28	84	17.1			17.1	36.1	53.2	30	91	5.5			5.5	14.2	19.7
28	85	6.6			6.6		6.6	30	92	7.1			7.1		7.1
28	87		8.8		8.8	8.2	8.2	30	94	38.4			38.4		38.4
28	92	5.6			5.6	74.7	80.3	30	106	8.8			8.8	12.2	21.0
28	94	129.1			129.1	163.4	292.5	30	113	5.6			5.6		5.6
28	105	16.6			16.6		16.6	30	134	5.7			5.7	5.7	11.4
28	113	11.2			11.2		11.2	30	135	12.8			12.8		12.8
28	128	6.6			6.6	7.1	13.7	30	138	22.0			22.0	44.0	66.0
28	158	8.0			8.0		8.0	30	186	11.2			11.2		11.2
28	161	7.0			7.0		7.0	30	192	28.0			28.0		28.0
28	195	8.2			8.2		8.2	30	193	15.1			15.1		15.1
28	201	5.5			5.5		5.5	30	194	16.8			16.8	16.4	33.2
29	29	16.8			16.8	16.8	33.6	30	199	7.0			7.0	8.2	15.2
29	30	80.7		1.0	81.7	31.0	111.7	31	31	55.2			55.2	37.5	92.7
29	31	100.9			100.9	40.9	141.8	31	32	45.7	8.8		54.5	43.1	97.6
29	32	22.2		1.0	23.2		23.2	31	33	30.0	17.6		47.6	77.0	107.2
29	33	38.9			38.9	40.4	79.3	31	34	59.0	8.8		67.8		67.8
29	34	13.9			13.9	25.4	39.3	31	35	25.5	8.8		34.3	29.5	55.0
29	35	23.9			23.9	14.2	38.1	31	37	12.4	8.8		21.2	14.6	35.8
29	36	5.6			5.6		5.6	31	38		17.6		17.6	8.8	26.4
29	37	5.6			5.6		5.6	31	39				20.3		20.3
29	38		17.6		17.6		17.6	31	40	27.5			27.5	19.8	47.3
29	39	25.4			25.4		25.4	31	41	22.6		1.0	23.6	38.6	61.2
29	40	12.5			12.5		12.5	31	42	7.1			7.1		7.1
29	41	7.1			7.1	14.2	21.3	31	46	31.1			31.1	22.9	54.0
29	45	25.4			25.4	6.1	31.5	31	47		8.8		8.8	23.1	31.1
29	46	5.5			5.5	7.1	12.6	31	48	131.6	17.6		149.2	25.4	174.6
29	47	16.8			16.8	30.6	47.4	31	49	15.6			15.6	8.3	23.9
29	48	176.8			176.8	116.1	292.9	31	50	43.1			43.1	21.9	65.0
29	50	46.2			46.2	26.0	72.2	31	51	294.9			294.9	156.1	451.0
29	51	90.0			90.0	19.4	109.4	31	52	73.1			73.1	12.2	85.3
29	52	47.9			47.9	42.6	90.5	31	53	76.5			76.5	42.3	118.8
29	53	56.1			56.1	22.4	78.5	31	54	22.8			22.8	71.1	93.9
29	54	22.4			22.4		22.4	31	55	68.2	35.2	1.0	104.4	25.4	129.8
29	55	11.4			11.4	7.1	18.5	31	56	49.9	8.8	1.0	59.7	52.3	102.0
29	56	21.3			21.3	8.2	29.5	31	57	55.0			55.0		55.0
29	58	22.4		1.0	23.4	11.2	33.6	31	59	11.2			11.2	5.6	16.8
29	60	34.0			34.0	11.2	45.2	31	60	34.6	35.2	1.0	70.8		70.8
29	61		35.2		35.2		35.2	31	61	37.4			37.4	14.6	52.0
29	62	11.0			11.0	11.0	22.0	31	62	33.8			33.8	27.1	60.9
29	63	5.5			5.5		5.5	31	63	7.0			7.0		7.0
29	72	7.0			7.0	14.0	21.0	31	65	8.0			8.0		8.0
29	73	5.6	8.8		14.4		5.6	31	66	13.0			13.0	5.7	18.7
29	74	8.2	8.8		17.0		8.2	31	73	20.3			20.3		20.3
29	75	84.0			84.0	56.0	140.0	31	74	7.3			7.3	7.3	14.6
29	77	19.1			19.1	7.1	26.2	31	77	53.9			53.9	7.3	61.2
29	80	11.2			11.2		11.2	31	80	13.0			13.0		13.0
29	81	34.2			34.2	45.6	79.8	31	81	159.4		1.0	160.4	79.8	239.2
29	82	45.7	8.8		54.5	13.2	58.9	31	82	48.7			48.7	24.1	72.8
29	83	69.8			69.8	48.4	118.2	31	83	95.1			95.1	48.1	143.2
29	84	31.6			31.6	11.4	43.0	31	84	41.5		1.0	42.5	17.1	59.6
29	87	5.5			5.5		5.5	31	85	7.3			7.3		7.3
29	91	12.7			12.7	8.3	21.0	31	86	5.7			5.7	14.6	20.3
29	92	5.6			5.6		5.6	31	87	11.2			11.2	7.1	18.3
29	94	81.4			81.4	19.8	101.2	31	91	38.7			38.7	36.1	74.8
29	100	22.0			22.0	11.0	33.0	31	92	44.6			44.6	14.6	49.2
29	104	11.2			11.2		11.2	31	94	52.4			52.4	5.7	58.1
29	106	11.2			11.2	6.1	17.3	31	105	14.6			14.6	29.2	43.8
29	113			1.0	1.0		1.0	31	106	39.9			39.9	27.6	67.5
29	114		8.8		8.8		8.8	31	112		8.8		8.8		8.8
29	135		52.8		52.8		52.8	31	113	5.6			5.6	33.1	38.7
29	144	11.0			11.0	16.5	27.5	31	114	14.6			14.6		14.6
29	149	24.8			24.8	16.6	41.4	31	135		8.8		8.8		8.8
29	150	5.6			5.6		5.6	31	142	15.6			15.6	5.5	21.1
29	151	5.7	5.5		11.2		5.7	31	151	20.2			20.2		20.2
29	158	7.1			7.1		7.1	31	155	5.7			5.7		5.7
29	161	14.2			14.2	14.2	28.4	31	156	17.1			17.1	22.8	39.9
29	172	5.6			5.6		5.6	31	160	5.6			5.6	11.0	16.6
29	175	14.2			14.2	11.2	25.4	31	162		5.5		5.5		5.5
29	193	5.7			5.7		5.7	31	163	47.9			47.9		47.9
29	195	21.3			21.3		21.3	31	167	5.6			5.6	5.6	11.2
29	196	8.2			8.2		8.2	31	168	5.6			5.6		5.6
29	199	7.1			7.1		7.1	31	186	11.4			11.4		11.4
30	30	11.2			11.2	7.1	18.3	31	193	40.6			40.6	29.2	69.8
30	31	75.7			75.7	75.9	151.6	31	195	7.3			7.3	14.6	21.9
30	32	24.2			24.2	15.3	39.5	31	203	16.4			16.4		16.4
30	33	112.1		2.0	114.1	86.4	198.5	31	216	22.8			22.8	16.4	39.2
30	34	26.9	26.4		53.3		26.9	32	32	7.3			7.3	7.3	14.6
30	35	19.8			19.8	28.4	48.2	32	33	30.0		1.0	31.0	17.1	47.1
30	37	13.2	35.2		48.4		13.2	32	34	25.9			25.9	14.6	40.5
30	40	7.0		1.0	8.0		7.0	32	35	30.0	17.6	1.0	48.6		30.0

Table A-27 (continued)

Low Zone	High Zone	Vehicle Trips			Passenger Trips	Total Person Trips	Low Zone	High Zone	Vehicle Trips			Passenger Trips	Total Person Trips
		Cars	Trucks	Taxis					Total	Cars	Trucks		
32	37	5.6	8.8	1.0	15.4	8.2	13.8						
32	39	12.5			12.5		12.5						
32	40			1.0	1.0								
32	41	23.8			23.8	11.0	34.8						
32	45	26.0			26.0	5.7	31.7						
32	47		8.8		8.8	8.8	8.8						
32	48	49.7			49.7	22.5	72.2						
32	49	11.2			11.2		11.2						
32	50	7.3	8.6		16.1	7.3	14.6						
32	51	70.0			70.0	8.2	78.2						
32	52	17.1	8.8		25.9	11.4	28.5						
32	53	5.5			5.5		5.5						
32	55	28.3	8.8		37.1	8.2	36.5						
32	56	45.1			45.1	22.4	67.5						
32	59	14.2		1.0	15.2		14.2						
32	60	29.8			29.8	23.5	53.3						
32	62	11.1			11.1	8.2	19.3						
32	63	5.5			5.5		5.5						
32	66	7.3			7.3	7.3	14.6						
32	72	16.5			16.5	11.0	27.5						
32	73	7.3			7.3		7.3						
32	74	8.3			8.3	45.7	54.0						
32	80	21.9			21.9	14.6	36.5						
32	81	37.4			37.4	22.8	60.2						
32	82	65.5			65.5		65.5						
32	83	160.3			160.3	56.1	216.4						
32	84	76.2			76.2	21.9	98.1						
32	86	8.3			8.3		8.3						
32	91	19.8			19.8	14.6	34.4						
32	92	8.2			8.2	8.3	16.5						
32	96	8.3			8.3	8.2	16.5						
32	104	5.7	8.8		5.7	5.7	11.4						
32	113	17.1	8.8		25.9	14.6	31.7						
32	114	7.3	8.8		16.1	17.1	24.4						
32	126	11.0			11.0	5.5	16.5						
32	131	11.0			11.0		11.0						
32	133	11.0			11.0	22.0	33.0						
32	143	7.3			7.3		7.3						
32	148	5.5			5.5	7.0	12.5						
32	173	13.0			13.0		13.0						
32	175	5.6			5.6		5.6						
32	189	22.8			22.8		22.8						
32	193	7.3			7.3	15.6	22.9						
32	194	7.3			7.3	13.0	20.3						
32	195	7.3			7.3	7.3	14.6						
32	196	14.6			14.6	43.8	58.4						
32	203	14.6			14.6		14.6						
33	33	14.6			14.6		14.6						
33	34	101.5	35.2	1.0	137.7	69.7	171.2						
33	35	138.4			138.4	92.6	231.0						
33	37	51.0			51.0	44.1	95.1						
33	39	23.2			23.2		23.2						
33	40	54.0			54.0	31.5	85.5						
33	41	49.5	8.8		58.3	25.0	74.5						
33	42	11.2			11.2	5.6	16.8						
33	45	26.0			26.0	28.4	54.4						
33	47	11.2			11.2		11.2						
33	48	147.2			147.2	87.2	234.4						
33	49	6.1			6.1		6.1						
33	50	145.6			145.6	52.9	198.5						
33	51	130.4			130.4	47.6	178.0						
33	52	213.3			213.3	76.6	289.9						
33	53	51.2	8.8		60.0	22.8	74.0						
33	54	17.0			17.0		17.0						
33	55	147.7			147.7	102.6	250.3						
33	56	184.9			184.9	150.7	335.6						
33	57	22.4			22.4	31.0	53.4						
33	58	28.0			28.0	27.6	55.6						
33	59	58.0			58.0	50.4	108.4						
33	60	41.8	35.2		77.0	25.2	67.0						
33	62	66.6			66.6	33.0	99.6						
33	64		17.6		17.6	22.0	22.0						
33	66	11.4			11.4	11.4	22.8						
33	73	7.3			7.3	11.4	18.7						
33	74	6.1			6.1	19.5	25.6						
33	75	13.8			13.8	5.6	19.4						
33	77	28.5			28.5	17.1	45.6						
33	78	7.3			7.3	7.3	14.6						
33	80	53.6			53.6	11.4	65.0						
33	81	35.8			35.8	16.4	52.2						
33	82	13.6		1.0	14.6	27.2	40.8						
33	83	97.0			97.0	65.0	162.0						
33	84	71.5			71.5	63.8	135.3						
33	88	8.3	17.6		25.9		8.3						
33	89		17.6		17.6								
33	91	106.8			106.8	100.7	207.5						
33	92	49.9			49.9	18.5	68.4						
33	94	27.8			27.8	54.5	82.3						
33	95	11.4			11.4	22.8	34.2						
33	96	11.4			11.4		11.4						
33	105	5.7			5.7		5.7						
33	106	7.3			7.3	7.3	14.6						
33	113	39.2			39.2	100.4	139.6						
33	114	13.9			13.9	12.6	26.5						
33	131	11.0			11.0	14.0	25.0						
33	133	11.0			11.0	11.0	22.0						
33	134	5.7			5.7	5.7	11.4						
33	135	17.1			17.1	24.4	41.5						
33	138	5.5			5.5	36.6	42.1						
33	142	8.2			8.2		8.2						
33	149	14.6			14.6	29.2	43.8						
33	151	18.7			18.7		18.7						
33	161	11.4			11.4		11.4			8.2		27.0	
33	163	11.3			11.3		11.3					11.3	
33	171	5.6			5.6		5.6					5.6	
33	172	5.6			5.6		5.6					5.6	
33	192	7.3			7.3		7.3			11.0		18.8	
33	194	11.3			11.3		11.3					11.3	
33	196	7.3			7.3		7.3					7.3	
33	210	5.5			5.5		5.5					5.5	
34	34	163.3			163.3		163.3		3.0		102.3	265.6	
34	35	167.3			167.3		167.3		1.0		120.6	287.9	
34	36	34.0			34.0		34.0					34.0	
34	37	156.1			156.1		156.1			222.9		379.0	
34	38	12.7			12.7		12.7					12.7	
34	39	30.6	8.8		39.4		39.4			7.1		37.7	
34	40	75.7			75.7		75.7			35.4		111.1	
34	41	16.5			16.5		16.5		17.6		28.0	44.5	
34	43								35.2				
34	45	5.6			5.6		5.6					31.0	
34	47	12.7			12.7		12.7					52.5	
34	48	66.1	17.6		83.7		83.7					101.6	
34	49	14.2			14.2		14.2					28.4	
34	50	53.8			54.8		54.8			21.3		75.1	
34	51	148.4			148.4		148.4		35.2			238.8	
34	52	169.3			171.3		171.3		2.0			218.9	
34	53	44.8			44.8		44.8					67.2	
34	54	28.0			28.0		28.0					35.1	
34	55	182.4			182.4		182.4		26.4	1.0	124.0	306.4	
34	56	159.7			159.7		159.7		1.0		108.0	266.7	
34	57	59.0			60.0		60.0			1.0		140.7	
34	58	26.4			26.4		26.4					39.1	
34	59	31.0			31.0		31.0					47.8	
34	60	80.4			81.4		81.4			1.0		167.8	
34	61	89.6			89.6		89.6		35.2			89.6	
34	62	14.2			14.2		14.2					14.2	
34	63	5.5			5.5		5.5				5.6	11.1	
34	66	30.1			30.1		30.1				21.9	52.0	
34	68	11.4			11.4		11.4					11.4	
34	74	7.1			7.1		7.1				15.4	22.5	
34	75	11.2			11.2		11.2					11.2	
34	77	35.1			35.1		35.1				18.3	53.4	
34	80	5.6			5.6		5.6				18.5	24.1	
34	81	17.1			17.1		17.1					17.1	
34	82	17.8			17.8		17.8			1.0	39.6	57.4	
34	83	33.1											

Table A-27 (continued)

Low Zone	High Zone	Vehicle Trips				Passenger Trips	Total Person Trips	Low Zone	High Zone	Vehicle Trips				Passenger Trips	Total Person Trips
		Cars	Trucks	Taxis	Total					Cars	Trucks	Taxis	Total		
35	55	109.2	8.8	2.0	120.0	61.4	170.6	37	60	91.2	17.0		108.2	26.5	117.7
35	56	68.7	8.8	1.0	78.5	48.2	116.9	37	61	6.5			6.5	11.2	17.7
35	57	64.5		1.0	65.5	14.2	78.7	37	62	61.1	17.6		78.7	42.6	103.7
35	58	50.8		1.0	51.8	14.2	65.0	37	63	23.0			23.0	7.0	30.0
35	59	32.5			32.5	7.1	39.6	37	66	47.4	35.2		82.6	19.7	67.1
35	60	56.1	70.4		126.5	27.4	83.5	37	74	15.4			15.4		15.4
35	61	11.2			11.2		11.2	37	77	22.0			22.0		22.0
35	62	41.6			41.6	44.6	86.2	37	80	13.6	17.6		31.2		13.6
35	64	8.2			8.2		8.2	37	81		8.8		8.8		8.8
35	67	5.6			5.6		5.6	37	82	22.2			22.2	5.6	27.8
35	70	7.1			7.1	7.1	14.2	37	83	16.8			16.8		16.8
35	73	11.2			11.2		11.2	37	84	11.2			11.2		11.2
35	74	8.2			8.2	8.2	16.4	37	86	8.0			8.0	8.0	16.0
35	75	14.2			14.2	14.2	28.4	37	87	11.2			11.2	13.2	24.4
35	76	14.2			14.2		14.2	37	88	13.2			13.2	5.6	18.8
35	77	78.4			78.4		78.4	37	91	115.8	8.8		124.6	49.2	165.0
35	78	14.2			14.2		14.2	37	92	80.6			80.6	36.8	117.4
35	80	12.4			12.4		12.4	37	93	22.4			22.4		22.4
35	81	34.1			34.1	71.2	105.3	37	94	66.9	26.4		93.3	50.2	117.1
35	82	33.0			33.0	26.4	59.4	37	95	11.2	8.8		20.0		11.2
35	83	71.4	8.8	1.0	81.2	49.5	120.9	37	97	7.3			7.3		7.3
35	84	55.2		1.0	56.2	18.3	73.5	37	104		8.8		8.8		8.8
35	87	5.5			5.5		5.5	37	106	13.7			13.7	13.7	27.4
35	90	12.7			12.7		12.7	37	113	57.3			57.3		57.3
35	91	43.7	8.8	1.0	53.5	43.7	97.2	37	127	16.4			16.4		16.4
35	92	50.3			50.3	14.2	64.5	37	156	13.2			13.2	7.0	20.2
35	93	5.7			5.7	14.2	19.9	37	157	13.2			13.2	13.2	26.4
35	94	50.4	35.2		85.6	28.4	78.8	37	158	13.2			13.2		13.2
35	95	100.8	35.2		136.0		100.8	37	160	21.2			21.2		21.2
35	96	37.6			37.6		37.6	37	161	7.0			7.0		7.0
35	104	8.3			8.3		8.3	37	162	14.2			14.2		14.2
35	106	25.1		2.0	27.1	15.4	40.5	37	171	11.2			11.2	5.5	14.2
35	109	11.2			11.2		11.2	37	172	6.6			6.6	7.1	16.7
35	113	7.1			7.1		7.1	37	192	15.4			15.4		15.4
35	114		17.6		17.6		17.6	37	193	5.6			5.6	5.6	11.2
35	122	5.5			5.5	7.0	12.5	37	194	14.8			14.8	6.6	21.4
35	126	14.2			14.2		14.2	37	204	13.2			13.2	6.6	19.8
35	133	7.1			7.1	7.1	14.2	37	206	14.2			14.2	8.0	22.2
35	135	14.6			14.6	7.3	21.9	38	38	5.7			5.7		5.7
35	142	11.2			11.2		11.2	38	39	8.2	8.8		17.0		8.2
35	149	5.7			5.7		5.7	38	41	22.0			22.0		22.0
35	150		5.5		5.5		5.5	38	44		8.8		8.8		8.8
35	151	12.3			12.3		12.3	38	45	12.2			12.2		12.2
35	152	11.2			11.2		11.2	38	50	5.7	17.6		23.3		5.7
35	155	11.2			11.2		11.2	38	55		8.8		8.8		8.8
35	158	5.7			5.7	5.7	11.4	38	56	11.2			11.2		11.2
35	163	7.3			7.3	5.6	12.9	38	60	52.8	8.8		64.0		64.0
35	164	5.7			5.7	7.3	13.0	38	62		8.8		8.8		8.8
35	167	5.6			5.6		5.6	38	73	35.0			35.0		35.0
35	171	48.2			48.2	14.2	62.4	38	84	8.2			8.2		8.2
35	173	5.6			5.6	14.2	19.8	38	89	12.9			12.9	29.2	42.1
35	193	23.7			23.7	39.0	62.7	38	91	8.2			8.2	8.3	16.5
35	195	14.2			14.2		14.2	38	91	44.8			44.8		44.8
35	196	7.1			7.1	21.3	28.4	38	93	33.6			33.6		33.6
35	199	8.2			8.2	5.6	13.8	38	94	5.7			5.7		5.7
35	200	7.1			7.1		7.1	38	95		17.6		17.6		17.6
35	206	7.1			7.1		7.1	38	106	5.6			5.6		5.6
36	37	83.2			83.2		83.2	38	135	7.3			7.3		7.3
36	40		1.0		1.0		1.0	38	155	5.6			5.6		5.6
36	41	11.0			11.0	16.0	27.0	38	173	11.4			11.4		11.4
36	43		8.8		8.8		8.8	38	192		5.5		5.5		5.5
36	45	15.4			15.4	38.5	53.9	38	194	16.4			16.4		16.4
36	46	11.2			11.2	11.2	22.4	38	199	22.0			22.0	11.0	33.0
36	48	5.6			5.6	5.6	11.2	38	206	5.6			5.6		5.6
36	50	7.3			7.3	7.3	14.6	38	216	5.7			5.7		5.7
36	51	8.3			8.3	8.3	16.6	39	39		17.6		17.6		17.6
36	55	11.1			11.1	7.1	18.2	39	40	5.6	26.4		32.0		32.0
36	56	26.5			26.5	11.2	37.7	39	41	33.0			33.0	6.5	39.5
36	58	14.2			14.2		14.2	39	42	7.1			7.1		7.1
36	59	5.6			5.6		5.6	39	47	64.6			64.6		64.6
36	60	13.2			13.2	27.4	40.6	39	48	7.1			7.1		7.1
36	63	20.5			20.5	42.0	62.5	39	50		17.6		17.6		17.6
36	77	16.8			16.8		16.8	39	51		8.8		8.8		8.8
36	81	17.1			17.1	7.3	24.4	39	55	35.1			35.1		35.1
36	82	11.2			11.2		11.2	39	56	16.9			16.9	11.2	28.1
36	84	22.8			22.8		22.8	39	58	17.8			17.8		17.8
36	90	22.4			22.4		22.4	39	59	13.2			13.2		13.2
36	93		35.2		35.2		35.2	39	62	11.2	17.6		28.8		11.2
36	94	14.2			14.2	11.2	25.4	39	62	28.5			28.5		28.5
36	95	33.6			33.6		33.6	39	63	22.0	17.6		39.6		22.0
36	96	8.3			8.3	8.3	16.6	39	64		8.8		8.8		8.8
36	149	7.1			7.1	7.1	14.2	39	66	11.4			11.4		11.4
36	151	13.7			13.7	6.6	20.3	39	75		8.8		8.8		8.8
36	160	7.1			7.1	7.1	14.2	39	77	17.8			17.8	6.6	24.4
37	37	21.4	44.0		65.4	13.7	35.1	39	80	5.7			5.7		5.7
37	39	19.3	26.4		45.7	8.2	27.5	39	81	22.8			22.8		22.8
37	40	15.2			15.2	7.0	22.2	39	82	5.6			5.6		5.6
37	41	43.7	35.2		78.9	87.2	130.9	39	83	5.7			5.7		5.7
37	42	14.2			14.2		14.2	39	84	28.3			28.3		28.3
37	47	7.1			7.1		7.1	39	85		8.8		8.8		8.8
37	48	50.3	26.4		76.7		50.3	39	88		17.6		17.6		17.6
37	50	13.6			13.6	13.6	27.2	39	91	41.2			41.2		41.2
37	51	29.8	17.0		46.8	14.6	44.4	39	92	5.7	8.8		14.5		5.7
37	52	19.4			19.4	29.5	48.9	39	93	8.2			8.2		8.2
37	53	12.6			12.6		12.6	39	94	44.3	35.2		79.5	30.0	74.3
37	54		8.8		8.8		8.8	39	95		35.2		35.2		35.2
37	55	116.3			116.3	76.6	192.9	39	96	11.2			11.2		11.2
37	56	126.0	44.0		170.0	12.7	138.7	39	106	5.7	8.0		14.5		5.7
37	57	87.4	8.8		96.2	67.8	155.2	39	113	24.4	17.6		42.0		24.4
37	58	62.9		1.0	63.9		62.9	39	135		8.8		8.8		8.8
37	59	115.6			115.6	21.2	136.8	39	150		5.5		5.5		5.5
								39	152	5.7			5.7		5.7

Table A-27 (continued)

Low Zone	High Zone	Vehicle Trips				Passenger Trips	Total Person Trips	Low Zone	High Zone	Vehicle Trips				Passenger Trips	Total Person Trips
		Cars	Trucks	Taxis	Total					Cars	Trucks	Taxis	Total		
39	156		16.5		16.5			41	201		5.5		5.5		
39	161	16.5			16.5	11.0	27.5	42	51	8.2			8.2		8.2
39	165	22.8	5.5		28.3		22.8	42	35	21.3			21.3		21.3
39	167		5.5		5.5			42	57	14.2			14.2	14.2	28.4
39	193		5.5		5.5			42	59	7.1			7.1		7.1
39	194		5.5		5.5			42	60	6.6			6.6		6.6
39	199	11.0			11.0		11.0	42	62	5.6			5.6		5.6
40	40	5.7			5.7			42	63		8.8		8.8		
40	41	30.7			30.7	21.0	51.7	42	72	14.2			14.2		14.2
40	46	5.5			5.5	7.7	13.2	42	82	6.6			6.6		6.6
40	47	8.3	8.8		17.1		8.3	42	93	7.1			7.1		7.1
40	48	11.0	8.8		19.8		11.0	42	94	18.3			18.3	7.1	25.4
40	50	7.0			7.0		7.0	42	105		8.2		8.2		
40	52	11.0		1.0	12.0		11.0	42	106	11.2			11.2		11.2
40	55	7.0	17.6		24.6		7.0	42	113	5.6			5.6	11.2	16.8
40	56	19.4		1.0	20.4	8.2	27.6	42	127	14.2			14.2	14.2	28.4
40	57	19.8	8.8	1.0	29.6		19.8	42	165	7.1			7.1	34.0	41.1
40	58	14.0			14.0	7.0	21.0	42	204	14.2			14.2	14.2	28.4
40	59	7.1			7.1		7.1	43	59		35.2		5.2		
40	60	11.4		1.0	12.4		11.4	43	66	7.3			7.3		
40	61	11.0	17.6	1.0	29.6		11.0	43	95		26.4		26.4	7.3	14.6
40	62	108.0			108.0	14.0	122.0	43	167	10.2			10.2		
40	63	5.7			5.7		5.7	43	172	5.5			5.5		
40	73		8.8	1.0	9.8		5.8	44	56	8.8			8.8		
40	74	5.8			5.8		5.8	44	93		8.8		8.8		
40	75	12.7			12.7	12.7	25.4	44	106	6.1			6.1		6.1
40	77	5.5			5.5		5.5	44	112	5.6	8.8		14.4		5.6
40	78	5.8			5.8		5.8	44	149		5.5		5.5		
40	80		8.8		8.8		8.8	44	179		5.5		5.5		
40	81	14.6			14.6		14.6	44	195		5.5		5.5		
40	82	14.5	8.8		23.3	8.0	22.5	45	45	20.9			20.9		20.9
40	83	28.5		1.0	29.5	16.9	45.4	45	46	5.5			5.5		5.5
40	84	11.3			11.3	7.0	18.3	45	48	8.2	8.8		17.0		8.2
40	91	44.8			44.8	31.0	75.8	45	49	6.1			6.1	6.1	12.2
40	92	11.2			11.2	14.0	25.2	45	50	21.1	8.8		29.9	15.4	36.5
40	95			1.0	1.0	11.0	11.0	45	51	24.4			24.4	8.3	32.7
40	104		8.8		8.8		8.8	45	52	30.1			30.1		30.1
40	106		8.8		8.8		8.8	45	54		17.6		17.6		
40	113		8.8		8.8	11.0	11.0	45	55	12.2			12.2		12.2
40	114	21.0			21.0	14.2	35.2	45	56	11.4			11.4		11.4
40	135		35.2		35.2		35.2	45	58	14.2			14.2		14.2
40	150		5.5		5.5		5.5	45	60	21.6			21.6		21.6
40	160		5.5		5.5		5.5	45	61		17.6		17.6	44.7	66.3
40	161		10.2		10.2		10.2	45	62	12.2	17.6		29.8		12.2
40	162	11.4			11.4	5.7	17.1	45	63	6.1			6.1		6.1
40	168	11.2			11.2		11.2	45	72	5.5			5.5	11.0	16.5
40	171		10.2		10.2		10.2	45	73	7.7			7.7		7.7
40	172	11.2			11.2		11.2	45	74	18.3			18.3	24.4	42.7
40	192		5.5		5.5		5.5	45	75		8.8		8.8		
40	193			1.0	1.0		1.0	45	77	24.4	17.6		42.0		24.4
40	194		5.5		5.5	8.0	8.0	45	80	12.2			12.2	15.4	27.6
40	204	11.2			11.2	14.0	25.2	45	81		8.8		8.8		
41	41	33.2			33.2	62.5	95.7	45	82	6.1			6.1		6.1
41	42	11.2			11.2	5.6	16.8	45	83	18.3			18.3		18.3
41	44	6.1			6.1		6.1	45	85	36.6			36.6	5.5	42.1
41	46	11.0			11.0		11.0	45	91	15.4			15.4	30.8	46.2
41	47	12.1			12.1		12.1	45	92	5.6			5.6		5.6
41	48	21.1			21.1		21.1	45	95	5.7			5.7		5.7
41	51	7.0			7.0	8.2	15.2	45	106	19.5			19.5	22.1	41.6
41	52	36.2			36.2	61.5	97.7	45	109	6.1			6.1		6.1
41	53	11.0			11.0		11.0	45	113	12.2			12.2		12.2
41	55	16.7			16.7		16.7	45	151	13.8			13.8		13.8
41	56	24.2			24.2		24.2	45	193	8.8			8.8	5.5	14.3
41	57	19.5			19.5		19.5	45	215	8.3			8.3		8.3
41	58	33.8			33.8		33.8	46	47	8.3			8.3		8.3
41	59	54.9			54.9	47.8	102.7	46	50	7.3			7.3	14.6	21.9
41	60	17.4			17.4		17.4	46	51	17.0			17.0		17.0
41	61		8.8		8.8		8.8	46	55	7.1			7.1	14.2	21.3
41	62	33.3			33.3		33.3	46	56	11.2			11.2	39.6	50.8
41	63	36.0			36.0	54.0	90.0	46	60		17.6		17.6	8.2	8.2
41	64	5.7			5.7		5.7	46	62	25.0			25.0	19.5	44.5
41	65	11.0			11.0		11.0	46	81	7.3			7.3	29.2	36.5
41	66	150.8			150.8	99.2	250.0	46	82	8.2			8.2	16.5	24.7
41	67	16.2			16.2		16.2	46	84	8.2			8.2		8.2
41	68	27.9			27.9	5.5	33.4	46	89	8.2			8.2		8.2
41	73	6.1			6.1		6.1	46	91	5.6	8.8		14.4		5.6
41	77	27.5			27.5	7.0	34.5	46	94	8.2			8.2		8.2
41	78	5.6			5.6		5.6	46	135	8.3			8.3	8.3	16.6
41	81	11.4			11.4	14.0	25.4	46	151			1.0	1.0		
41	82	37.0			37.0	39.0	76.0	46	161	11.0			11.0	14.6	25.6
41	83	22.0			22.0		22.0	46	172	7.1			7.1	7.1	14.2
41	84	35.2			35.2	14.6	49.8	46	173	8.3			8.3		8.3
41	90	11.0			11.0	11.0	22.0	46	188		11.0		11.0		
41	92	11.0			11.0		11.0	46	195		5.1		5.1	8.2	8.2
41	94	68.6			68.6	14.0	82.6	46	200	11.0			11.0	8.3	19.3
41	95	16.5			16.5	11.0	27.5	46	201			1.0	1.0		
41	96	25.0			25.0		25.0	47	47	11.2			11.2	14.2	25.4
41	97	7.0			7.0	12.7	19.7	47	48	25.4			25.4	28.4	53.8
41	105	7.0			7.0		7.0	47	50	8.0			8.0		8.0
41	106	12.2			12.2	24.6	36.8	47	51	19.3	35.2		54.5	8.2	27.5
41	109	11.0			11.0		11.0	47	53	7.1			7.1		7.1
41	114	34.7			34.7		34.7	47	55	15.3			15.3	22.4	37.7
41	119	17.1			17.1		17.1	47	56	29.5			29.5	28.4	57.9
41	121		8.8		8.8		8.8	47	59	5.6			5.6		5.6
41	131	11.0			11.0		11.0	47	60	23.9	8.8		32.7	22.4	46.3
41	151	11.2			11.2		11.2	47	63	11.0			11.0		11.0
41	161	7.0			7.0	14.2	21.2	47	66	22.8			22.8		22.8
41	186	5.5			5.5		5.5	47	72	14.2			14.2	14.2	28.4
41	192	22.0			22.0		22.0	47	75	16.8			16.8	5.6	28.4
41	193	21.0			21.0	7.0	28.0	47	80	5.6			5.6		5.6
41	195	16.5			16.5	7.0	23.5	47	82	6.6			6.6	6.6	13.2
41	196	11.0			11.0		11.0	47	83		8.8		8.8		

Table A-27 (continued)

Low Zone	High Zone	Vehicle Trips				Passenger Trips	Total Person Trips	Low Zone	High Zone	Vehicle Trips				Passenger Trips	Total Person Trips
		Cars	Trucks	Taxis	Total					Cars	Trucks	Taxis	Total		
47	92	19.7			19.7	5.5	25.2	50	83	187.8	17.6	205.4	75.6	281.0	
47	94	5.6			5.6	10.4	25.0	50	84	14.0		14.0		14.0	
47	96	13.2			13.2		13.2	50	85	5.6		5.6		5.6	
47	105		8.8		8.8			50	87		17.6	17.6		17.6	
47	150	5.6			5.6		5.6	50	88	30.1	17.6	47.7		30.1	
47	153		10.2		10.2			50	89		17.6	17.6		17.6	
47	155		10.2		10.2			50	91	28.4		28.4		28.4	
47	156	8.2			8.2	8.2	16.4	50	92	32.7		32.7		32.7	
47	166		10.2		10.2			50	93	7.3		7.3		7.3	
47	193	14.2			14.2	14.2	28.4	50	94	13.9		13.9		13.9	
47	195	16.5			16.5	5.5	22.0	50	95	17.1		17.1		17.1	
47	196	5.7			5.7		5.7	50	96	14.1		14.1		14.1	
48	48	178.4	44.0		222.4	89.3	267.7	50	104		8.8	8.8	14.6	14.6	
48	49	5.6			5.6	14.2	19.8	50	106	42.4		42.4	29.2	71.6	
48	50	63.5			63.5		63.5	50	113	28.4	1.0	28.4	36.7	65.1	
48	51	160.5	70.4		230.9	121.8	282.3	50	134	13.0		13.0	22.9	35.9	
48	52	63.1			63.1	47.4	110.5	50	135	21.9		21.9	7.3	29.2	
48	53	14.2			14.2	21.3	35.5	50	140	7.3		7.3	36.5	43.8	
48	54		8.8		8.8			50	151	6.8		6.8	7.3	14.1	
48	55	37.7			37.7		37.7	50	156	12.9		12.9	29.3	42.2	
48	56	60.4			60.4		60.4	50	157	5.6		5.6	7.1	12.7	
48	57	50.4			50.4	7.1	57.5	50	161	12.5		12.5	21.0	33.5	
48	58	7.1			7.1		7.1	50	171	7.1		7.1	7.1	14.2	
48	59	11.2			11.2		11.2	50	172	22.8		22.8	14.6	37.4	
48	60	34.8	8.8		43.6	7.1	41.9	50	193	14.6		14.6	24.4	39.0	
48	62	22.0	17.6		39.6	14.0	36.0	50	204	11.2	1.0	11.2	6.8	18.0	
48	63	5.6			5.6		5.6	50	205	14.6		14.6	51.1	65.7	
48	66	11.2			11.2	14.2	25.4	51	51	50.2	17.6	67.8	13.6	81.4	
48	73	25.4	8.8		34.2	14.2	39.6	51	52	90.7	8.8	100.5	46.5	147.0	
48	74	14.2			14.2	14.2	28.4	51	53	34.1	8.8	42.9	34.1	77.0	
48	75	11.2			11.2		11.2	51	54	5.6		5.6	5.6	11.2	
48	77	97.1			97.1	19.4	116.5	51	55	209.6		209.6	102.5	312.1	
48	78	38.1			38.1	22.4	60.5	51	56	165.5		165.5	141.1	306.6	
48	80	36.8	8.8		45.6	7.1	43.9	51	57	72.6		72.6	47.2	119.8	
48	81	14.6	17.6		32.2		14.6	51	58	58.0		58.0	13.2	71.2	
48	82	91.9			91.9	35.0	126.9	51	59	11.2		11.2	8.2	19.4	
48	83	120.9	8.8		129.7	50.0	170.9	51	60	23.0	8.8	32.8	14.6	47.4	
48	84	97.3			97.3	50.9	148.2	51	61	8.0		8.0	8.0	16.0	
48	87	18.3	8.8		27.1	7.1	25.4	51	62	26.0		26.0	26.0	52.0	
48	88		8.2		8.2			51	63	30.1		30.1	30.1	60.2	
48	90		8.8		8.8			51	66	34.2		34.2	34.2	68.4	
48	91	32.5	8.8		41.3	56.8	89.3	51	74	8.2		8.2	8.2	16.4	
48	92	60.6	17.6		78.2	39.6	100.2	51	75	12.1		12.1	12.1	24.2	
48	94	24.8			24.8	7.1	31.9	51	77	25.8		25.8	35.2	61.0	
48	96	26.4			26.4		26.4	51	78	6.1		6.1	6.1	12.2	
48	106	28.0			28.0	16.8	44.8	51	80	116.8	8.8	125.6	6.1	131.7	
48	109	11.2			11.2		11.2	51	81	73.7		73.7	13.6	87.3	
48	113	34.0	8.2		42.2	16.4	50.4	51	82	153.9	44.0	197.9	58.8	256.7	
48	115	7.1			7.1	14.2	21.3	51	83	149.5	17.6	167.1	80.3	247.4	
48	134	11.4			11.4		11.4	51	84	142.4	17.6	160.0	75.3	235.3	
48	135	16.8	26.4		43.2	14.0	30.8	51	87	37.7		37.7	100.1	137.8	
48	136	8.0			8.0		8.0	51	88	6.6		6.6	6.6	13.2	
48	142		8.8		8.8			51	90	5.7		5.7	5.7	11.4	
48	144	22.0			22.0	42.0	64.0	51	91	35.6		35.6	7.1	42.7	
48	149	5.6			5.6		5.6	51	92	13.2		13.2	13.2	26.4	
48	150	19.8			19.8	7.1	26.9	51	94	39.7	8.8	48.5	39.4	79.1	
48	151	11.2			11.2		11.2	51	96		17.6	17.6		17.6	
48	156	13.7			13.7		13.7	51	106	5.7		5.7	5.7	11.4	
48	157	5.5			5.5		5.5	51	113	18.8		18.8	20.4	39.2	
48	172	22.4			22.4	5.6	28.0	51	114	27.4	8.8	36.2	27.4	63.6	
48	180	11.2			11.2	14.2	25.4	51	131	5.6		5.6	5.6	11.2	
48	186	11.2	11.0		22.2		11.2	51	134	35.3		35.3	17.1	52.4	
48	189	16.8			16.8	13.8	30.6	51	135	30.0		30.0	13.6	43.6	
48	192	19.2			19.2	56.8	76.0	51	139	5.6		5.6	5.6	11.2	
48	193	25.5			25.5		25.5	51	142		17.6	17.6		17.6	
48	194	31.0			31.0		31.0	51	168	6.6		6.6	6.6	13.2	
48	195	14.2			14.2	7.0	21.2	51	193	11.4		11.4	6.5	17.9	
48	206	16.0			16.0	8.0	24.0	51	194	5.8		5.8	5.8	11.6	
48	211		10.2		10.2		10.2	51	204	5.6		5.6	5.6	11.2	
48	215	14.2			14.2	14.2	28.4	51	206	8.2		8.2	8.2	16.4	
49	50	51.1			51.1	29.2	80.3	51	215	8.3		8.3	8.3	16.6	
49	51	27.6			27.6		27.6	52	53	5.6	8.8	14.4	14.4	28.8	
49	53	8.2			8.2		8.2	52	54	5.6	8.8	14.4	14.4	28.8	
49	55	59.4	17.6		77.0	39.6	99.0	52	55	145.7		145.7	61.2	206.9	
49	56	71.0			71.0		71.0	52	56	201.6		201.6	40.7	242.3	
49	58	7.1			7.1		7.1	52	57	50.4	1.0	50.4	50.4	100.8	
49	60	5.6			5.6		5.6	52	58	33.6		33.6	18.3	51.9	
49	80	8.3			8.3	22.9	31.2	52	59	54.1		54.1	54.1	108.2	
49	83	22.8			22.8	29.2	52.0	52	60	11.0		11.0	11.0	22.0	
49	84	29.2			29.2	14.6	43.8	52	62	23.6	1.0	24.6	23.6	48.2	
49	92	14.2			14.2		14.2	52	63	44.0		44.0	44.0	88.0	
49	94	8.2			8.2		8.2	52	65		1.0	1.0	1.0	2.0	
49	113	7.1			7.1		7.1	52	66	12.9		12.9	12.9	25.8	
49	161	28.0			28.0		28.0	52	75	16.8		16.8	16.8	33.6	
50	50	123.8	8.8		132.6	36.5	160.3	52	77	16.7		16.7	8.0	24.7	
50	51	331.6			331.6	78.2	409.8	52	80	28.5		28.5	11.4	39.9	
50	52	73.5			73.5	28.5	102.0	52	81	132.7		132.7	52.4	185.1	
50	53	5.6	8.8		14.4		5.6	52	82	8.2	8.8	17.0	8.2	25.2	
50	54	22.8			22.8		22.8	52	83	57.0		57.0	7.3	64.3	
50	55	97.2	17.6		114.8	64.4	161.6	52	84	133.6		133.6	58.6	192.2	
50	56	87.0			87.0	51.5	138.5	52	86	22.8		22.8	22.8	45.6	
50	57	19.9			19.9	14.6	34.5	52	87	11.2		11.2	11.2	22.4	
50	58	5.6			5.6	8.3	13.9	52	92	19.6		19.6	19.6	39.2	
50	60	38.9			38.9	30.1	69.0	52	94	25.2		25.2	16.4	41.6	
50	61	22.8			22.8		22.8	52	106	5.6		5.6	8.3	13.9	
50	62	21.9			21.9	14.6	36.5	52	113	30.6		30.6	19.4	50.0	
50	74	21.9			21.9	14.6	36.5	52	120	5.6		5.6	11.4	17.0	
50	77	57.0			57.0	7.3	64.3	52	129	8.3		8.3	8.3	16.6	
50	78	22.8			22.8		22.8	52	134	22.8		22.8	22.8	45.6	
50	80	41.6			41.6	21.9	63.5	52	137	5.5		5.5	5.5	11.0	
50	81	26.0	8.8		34.8	31.0	57.0	52	142	5.6		5.6	5.6	11.2	
50	82	194.8	8.8		203.6	58.9	253.7	52	147	5.5		5.5	5.5	11.0	

Table A-27 (con tinued)

Low Zone	High Zone	Vehicle Trips			Passenger Trips	Total Person Trips	Low Zone	High Zone	Vehicle Trips			Passenger Trips	Total Person Trips
		Car	Trucks	Taxis					Car	Trucks	Taxis		
52	149	14.6			14.6	29.2	55	153			5.1	5.1	
52	150	11.2			11.2	11.2	55	154	7.1			7.1	28.4
52	151	5.6			5.6	5.6	55	157	7.1			7.1	14.2
52	156	5.5			5.5	5.5	55	161	11.0			11.0	7.0
52	157	5.6			5.6	5.6	55	165	16.6			16.6	31.2
52	158	11.2			11.2	11.2	55	167	21.4			21.4	15.3
52	160	11.0			11.0	11.0	55	171	7.1			7.1	7.1
52	161	16.5			16.5	16.5	55	172	19.8			19.8	49.1
52	163	13.8			13.8	11.4	55	180	5.6			5.6	5.6
52	167	8.0			8.0	8.0	55	182	7.1			7.1	7.1
52	168	5.6			5.6	5.6	55	185	14.2			14.2	21.3
52	171	28.4			28.4	28.4	55	186	5.6	33.0		38.6	16.8
52	172	16.8			16.8	16.8	55	192	16.4			16.4	16.4
52	173	5.6			5.6	5.6	55	194	11.2			11.2	7.1
52	183	11.0			11.0	11.0	55	199	14.2			14.2	21.2
52	193			1.0	1.0	11.2	55	206	7.1			7.1	7.1
52	194	17.1			17.1	17.1	56	56	108.3	140.0		248.3	32.5
52	202		10.2		10.2	10.2	56	57	56.5			21.7	56.5
52	204	5.6			5.6	5.6	56	58	50.5	16.4		6.9	7.1
52	205	11.0			11.0	11.0	56	59	14.2			14.2	5.6
52	206	5.6			5.6	7.1	56	60	60.4	8.8		69.2	79.2
53	53		8.8		8.8	8.8	56	61	41.7			41.7	11.2
53	55	61.6			61.6	61.6	56	62	23.9			23.9	22.2
53	56	39.2			39.2	39.2	56	63	38.9			38.9	49.9
53	57	67.2			67.2	16.8	56	66	5.6			5.6	5.6
53	58	11.2			11.2	11.4	56	72		17.6		17.6	17.6
53	59	11.2			11.2	11.2	56	73	15.6			15.6	15.6
53	60	22.8	8.8		31.6	22.8	56	74	37.7			37.7	14.2
53	61	22.4			22.4	22.4	56	75	7.1			7.1	7.1
53	62	33.0			33.0	33.0	56	77	89.7			89.7	18.3
53	66	45.6			45.6	45.6	56	80	14.2			14.2	14.2
53	72	22.0			22.0	22.0	56	81	28.6			28.6	28.8
53	77	5.6			5.6	5.6	56	82	31.2		1.0	32.2	31.2
53	80	19.7			19.7	11.4	56	83	97.7	8.8		106.5	81.2
53	81	39.9			39.9	39.9	56	84	74.8	8.8		83.6	39.8
53	82	16.8			16.8	16.8	56	85	8.3	35.2		43.5	8.3
53	83	68.4	17.6		86.0	11.4	56	87	19.8			19.8	42.6
53	84	57.0			57.0	57.0	56	88		24.6		24.6	24.6
53	91	35.1			35.1	11.2	56	90	11.2			11.2	11.2
53	92	5.6			5.6	5.6	56	91	36.6	26.4		63.0	71.7
53	94	11.2			11.2	11.2	56	92	70.2			70.2	25.4
53	95		8.8		8.8	8.8	56	93	8.2			8.2	7.1
53	106	5.6			5.6	5.6	56	94	58.6	8.8		67.4	83.6
53	113	68.7			68.7	68.7	56	95	78.4			78.4	5.6
53	134	28.5			28.5	22.8	56	96	5.6			5.6	5.6
53	137	5.5			5.5	5.5	56	104	5.6			5.6	5.6
53	142	5.6			5.6	5.6	56	106	28.0			28.0	42.6
53	149	11.2			11.2	11.2	56	112	5.6			5.6	22.0
53	150	11.0			11.0	11.2	56	113	85.8	8.8		94.6	22.4
53	162		5.5		5.5	5.5	56	114	11.2	8.8		20.0	11.2
53	166	11.2			11.2	11.2	56	121	5.6	8.2		13.8	5.6
53	173	11.2			11.2	11.2	56	126	5.5			5.5	5.5
53	217	5.5			5.5	5.5	56	131		8.8		8.8	11.0
54	64		35.2		35.2	35.2	56	135	11.3			11.3	7.1
54	73		8.8		8.8	8.8	56	137	5.5			5.5	5.5
54	74		8.8		8.8	8.8	56	149	5.6			5.6	5.6
54	80	34.2			34.2	11.4	56	152	7.1			7.1	14.2
54	91		8.8		8.8	8.8	56	156	11.2			11.2	28.4
54	180	11.4			11.4	11.4	56	163	16.6			16.6	16.6
55	55	91.5	8.2		99.7	5.6	56	171	11.2			11.2	7.1
55	56	165.1	25.2		190.3	149.4	56	172	50.4			50.4	18.3
55	57	60.9	8.8		69.7	29.6	56	188	11.2			11.2	50.4
55	58	36.6			36.6	36.6	56	191		11.0		11.0	11.2
55	59	31.0			31.0	59.4	56	193	13.8		1.0	14.8	13.8
55	60	148.7			148.7	53.6	56	194	28.0			28.0	47.3
55	61	33.6			33.6	33.6	56	195	16.8			16.8	38.1
55	62	73.7			73.7	58.4	56	211		5.5		5.5	22.3
55	63	11.0			11.0	11.0	57	58	22.3	42.2		64.5	22.3
55	66	7.1			7.1	7.1	57	59	36.6			36.6	14.2
55	68		8.8		8.8	8.8	57	60	11.2	44.0		55.2	32.8
55	73	12.7			12.7	8.2	57	62	18.3			18.3	18.3
55	77	78.4			78.4	11.2	57	65	14.2			14.2	14.2
55	79	14.2			14.2	14.2	57	67	7.1			7.1	14.2
55	80		17.6		17.6	17.6	57	68	5.6			5.6	16.8
55	81	69.6			69.6	69.6	57	74	15.3			15.3	15.3
55	82	84.4			84.4	77.2	57	77	39.2			39.2	39.2
55	83	37.3			37.3	7.1	57	78	5.6			5.6	7.1
55	84	186.2			186.2	65.3	57	81	8.2			8.2	29.2
55	86		8.8		8.8	8.8	57	82	14.8		1.0	15.8	28.0
55	87	50.8	8.2		59.0	5.6	57	83	18.5			18.5	33.1
55	88	36.6			36.6	25.4	57	84	22.7			22.7	44.6
55	90	19.9			19.9	14.2	57	87	5.6			5.6	12.7
55	91	100.1			100.1	87.4	57	88		8.2		8.2	8.2
55	92	21.3	35.2		56.5	7.1	57	90	8.2			8.2	8.2
55	93	5.6	8.8		14.4	5.6	57	91	33.6			33.6	16.4
55	94	50.8	17.6		68.4	29.6	57	92	31.0	8.8		39.8	31.0
55	95	22.4	17.6		40.0	22.4	57	93	8.3			8.3	8.3
55	96	46.8	35.2		82.0	46.8	57	94	19.4	8.8		28.2	41.8
55	106	19.4	17.6		37.0	14.2	57	95	28.0	17.6	1.0	46.6	28.0
55	109	11.2			11.2	11.2	57	104	11.2			11.2	11.2
55	113	48.8		1.0	49.8	72.7	57	105	5.7			5.7	5.7
55	114	17.8			17.8	17.8	57	106		8.8		8.8	8.8
55	115	16.4			16.4	16.4	57	107	11.2			11.2	11.2
55	127	21.2			21.2	21.2	57	113	5.6			5.6	28.0
55	128	8.2			8.2	8.2	57	114	16.4			16.4	126.8
55	131	25.2			25.2	25.2	57	135		35.2		35.2	143.2
55	134	5.7			5.7	5.7	57	151	5.6			5.6	5.6
55	135		17.6		17.6	17.6	57	156	5.6			5.6	5.6
55	143	8.2			8.2	21.3	57	167	21.3			21.3	21.3
55	149	11.2			11.2	11.2	57	186	11.2	11.0		22.2	42.6
55	151	19.8			19.8	6.6	57	192	7.1			7.1	21.3
55	152		11.0		11.0	11.0	57	193		5.5		5.5	28.4

Table A-27 (continued)

Low Zone	High Zone	Vehicle Trips				Passenger Trips	Total Person Trips	Low Zone	High Zone	Vehicle Trips				Passenger Trips	Total Person Trips
		Cars	Trucks	Taxis	Total					Cars	Trucks	Taxis	Total		
57	194	32.5			32.5	21.3	53.8	60	163	13.0			13.0		13.0
57	196	7.1			7.1	14.2	21.3	60	164	5.6			5.6	5.6	11.2
57	217		11.0		11.0			60	167	5.6	5.1		10.7	8.2	13.8
58	58		41.0		41.0	12.7	12.7	60	168	14.2			14.2	14.2	28.4
58	59	84.3	32.8		117.1	26.5	110.8	60	172	6.6	5.5		12.1	7.1	13.7
58	60	117.5			117.5	56.5	174.0	60	177	8.3			8.3	6.6	14.9
58	61		17.6		17.6			60	193	15.3			15.3	23.5	38.8
58	62	14.0			14.0	42.0	56.0	60	205	5.6			5.6	5.6	11.2
58	63	7.1			7.1		7.1	60	206	5.6			5.6	5.6	11.2
58	66	7.3			7.3		7.3	60	216	11.2			11.2		11.2
58	77	11.2			11.2	22.4	33.6	61	61	5.6			5.6		5.6
58	82	6.6		1.0	7.6	19.8	26.4	61	63	22.0			22.0		22.0
58	83	5.7			5.7		5.7	61	83		8.8	1.0	9.8		
58	84	7.1			7.1		7.1	61	84	45.6	8.8		54.4	11.4	57.0
58	87	14.2			14.2		14.2	61	92	11.2			11.2		11.2
58	90	11.2			11.2		11.2	61	94	11.2			11.2		11.2
58	91	19.8	8.8		28.6	8.2	28.0	61	105		24.6		28.6		
58	92	28.2	8.8		37.0	14.2	42.4	61	106		8.8		46.8		
58	94	24.9			24.9		24.9	61	130	22.0			22.0		22.0
58	95	44.8		1.0	45.8		44.8	61	131	14.0			14.0	42.0	56.0
58	106	5.6		1.0	6.6	7.1	12.7	61	143		8.8		8.8		
58	107	5.5			5.5		5.5	61	156		5.5		5.5		
58	109	22.0			22.0	5.6	27.6	61	163	14.6			14.6		14.6
58	113	5.6		1.0	6.6		5.6	61	171	11.2			11.2		11.2
58	114	11.2			11.2	14.2	25.4	62	62	69.0			69.0	47.2	116.2
58	121	8.3			8.3		8.3	62	63	61.3			61.3	7.0	68.3
58	131	16.8			16.8	5.6	22.4	62	66	14.6		1.0	15.6	14.6	29.2
58	153	16.4			16.4	5.5	21.9	62	67	5.5			5.5	14.0	19.5
58	154	11.2			11.2		11.2	62	68	11.0			11.0	38.5	49.5
58	156	7.1			7.1		7.1	62	71	7.0			7.0		7.0
58	160	7.1			7.1	14.2	21.3	62	77	11.0			11.0	5.5	16.5
58	167	11.2	10.2		21.4		11.2	62	81	7.0			7.0	14.0	21.0
58	172	5.6			5.6		5.6	62	82	45.0			45.0	31.6	76.6
58	186	11.2			11.2		11.2	62	83	11.4			11.4		11.4
58	192	8.2			8.2		8.2	62	85	16.5			16.5	18.0	34.5
58	195	8.0			8.0	14.2	22.2	62	87	14.0			14.0		14.0
58	204	12.7			12.7	14.2	26.9	62	90	22.4			22.4		22.4
59	59	39.2	32.8		72.0		39.2	62	91	41.0			41.0	19.8	60.8
59	60	61.5	24.6	1.0	87.1	36.6	98.1	62	92	26.6			26.6		26.6
59	62	7.0			7.0		7.0	62	93		8.8		8.8		
59	63	11.0			11.0		11.0	62	94	56.7			56.7	32.0	88.7
59	64	14.2			14.2		14.2	62	95	44.0	52.8		96.8	5.6	49.6
59	66	11.2			11.2		11.2	62	96	7.0			7.0		7.0
59	75		8.8		8.8		8.8	62	104	11.0			11.0		11.0
59	77	22.4			22.4		22.4	62	106	43.2			43.2		43.2
59	80	18.5			18.5	14.2	32.7	62	112	5.6			5.6		5.6
59	81	63.2			63.2		63.2	62	113	12.5			12.5	29.0	40.5
59	82	37.6			37.6	73.2	110.8	62	149		11.0		11.0		
59	84	22.9			22.9		22.9	62	151	5.5			5.5		5.5
59	90	8.2			8.2		8.2	62	157	7.0			7.0	14.1	21.1
59	91	8.2			8.2	8.2	16.4	62	160	7.0			7.0	14.0	21.0
59	92	55.8			55.8	42.6	98.4	62	161	13.0			13.0		13.0
59	94	54.9	35.2		90.1	15.3	70.2	62	163	22.8			22.8	11.4	34.2
59	95	33.6			33.6		33.6	62	167	8.2			8.2		8.2
59	108	22.4			22.4		22.4	62	171	5.6			5.6		5.6
59	109	16.8			16.8		16.8	62	180	11.4			11.4		11.4
59	113	36.6			36.6	78.0	114.6	62	186	11.0			11.0	11.0	22.0
59	120	12.5			12.5		12.5	62	192	7.0			7.0		7.0
59	121	18.0			18.0		18.0	62	195	22.2	11.0		33.2	14.0	36.2
59	149	11.2			11.2	21.3	32.5	62	201	16.6			16.6	14.0	30.6
59	151	22.4			22.4	11.2	33.6	62	205	10.2	10.2		10.2	16.4	16.4
59	154	16.8			16.8		16.8	62	206	18.0			18.0	28.0	46.0
59	156	18.5			18.5		18.5	63	63	21.0			21.0	14.0	35.0
59	161	7.0			7.0	7.0	14.0	63	65	7.0			7.0		7.0
59	167	8.0			8.0	29.3	37.3	63	66	19.7			19.7		19.7
59	168	14.2			14.2	85.2	99.4	63	68	16.5			16.5	18.0	34.5
59	171	19.2			19.2		19.2	63	82	13.0			13.0		13.0
59	196	7.1			7.1	8.2	15.3	63	84	30.0			30.0		30.0
59	199	7.0			7.0		7.0	63	86	5.7			5.7		5.7
59	211	11.0			11.0		11.0	63	87	12.7			12.7		12.7
60	60	40.8	34.6		75.4	13.2	54.0	63	92	11.0	8.8		19.8	11.0	22.0
60	61	5.7			5.7		5.7	63	94	48.4			48.4		48.4
60	62	101.8			101.8	38.6	140.4	63	95		17.6		17.6		
60	63	16.5			16.5		16.5	63	96	22.0			22.0		22.0
60	66	37.5		1.0	38.5	21.9	59.4	63	106	12.6			12.6	7.0	19.6
60	73	8.2			8.2	14.2	22.4	63	135	11.0			11.0		11.0
60	80	13.6			13.6		27.2	63	195		22.0		22.0		22.0
60	81	16.4			16.4	7.3	23.7	64	77		35.2		35.2		
60	82	5.6			5.6		5.6	64	81	5.7			5.7		5.7
60	83	62.8			62.8	19.6	82.4	64	91	14.2			14.2		14.2
60	84	17.1		1.0	18.1	22.8	39.9	64	95		8.8		8.8		
60	86		17.6		17.6		17.6	64	104		352.0		352.0		
60	87	14.2			14.2	14.2	28.4	64	154	11.4			11.4		11.4
60	88	5.5			5.5		5.5	64	165	11.4			11.4		11.4
60	91	42.4		1.0	43.4	39.6	82.0	64	189		38.5		38.5	5.7	17.1
60	92	72.8	25.8		98.6	5.6	78.4	65	65	7.3			7.3		7.3
60	93	8.3			8.3		8.3	65	68	17.1			17.1		17.1
60	94	97.9	17.6		115.5	38.9	136.8	65	106	11.0			11.0	5.7	16.7
60	95		8.8		8.8	5.6	5.6	66	68	5.7			5.7		11.4
60	96	17.3			17.3		17.3	66	77	11.4			11.4		11.4
60	106	20.0			20.0	19.6	39.6	66	81	7.3			7.3		7.3
60	113	42.2			42.2	14.2	56.4	66	82	6.8			6.8	27.2	34.0
60	114	33.0			33.0	21.3	54.3	66	86	7.3			7.3		7.3
60	127	11.2			11.2		11.2	66	89	5.6			5.6		5.6
60	128	7.1			7.1		7.1	66	92	31.7		1.0	32.7		31.7
60	135	11.4			11.4	22.8	34.2	66	94	30.1			30.1		30.1
60	142	19.8			19.8	14.2	34.0	66	95	22.8			22.8	22.8	45.6
60	150	15.3			15.3		15.3	66	106	16.4			16.4		16.4
60	151		5.5		5.5		5.5	66	131	11.4			11.4		11.4
60	154	5.6			5.6		5.6	66	134	14.6			14.6	14.6	29.2
60	157	5.6			5.6	5.6	11.2	66	194	5.6			5.6		5.6
60	158	7.1			7.1		7.1	66	195	29.2			29.2		29.2

Table A-27 (continued)

Low Zone	High Zone	Vehicle Trips				Passenger Trips	Total Person Trips	Low Zone	High Zone	Vehicle Trips				Passenger Trips	Total Person Trips
		Cars	Trucks	Taxis	Total					Cars	Trucks	Taxis	Total		
67	71	8.0			8.0	8.2	16.2	81	84	109.9			109.9	21.9	131.8
68	80	5.7			5.7		5.7	81	87	14.6			14.6	43.8	58.4
68	104	11.4			11.4		11.4	81	90	11.4			11.4	14.6	26.0
68	106	5.6		1.0	6.6		5.6	81	92	20.3			20.3	8.2	28.5
68	161	11.0			11.0	11.2	22.2	81	94	11.4			11.4	14.6	26.0
72	77	5.5			5.5		5.5	81	95		1.0		1.0		
72	80	5.7			5.7		5.7	81	105	11.4			11.4	14.6	26.0
72	144	5.7			5.7		5.7	81	106	20.3			20.3		20.3
73	74	8.5			8.5		8.5	81	114	13.0			13.0		13.0
73	77	22.1			22.1		22.1	81	127	7.3			7.3	14.6	21.9
73	80	16.0			16.0		16.0	81	129	7.3			7.3	7.3	14.6
73	82	8.2			8.2		8.2	81	131	8.2			8.2	24.6	32.8
73	97	5.7			5.7		5.7	81	142		8.8		8.8		
73	106	19.7			19.7		19.7	81	149	7.3			7.3	16.4	23.7
73	113	7.1			7.1		7.1	81	151	22.8			22.8	22.8	45.6
73	114	7.1			7.1	7.1	14.2	81	158	11.4			11.4		11.4
73	139		17.6		17.6			81	160	14.0			14.0		14.0
73	142		8.8		8.8			81	166		10.2		10.2	8.8	8.8
73	162	5.6			5.6	21.3	26.9	81	175	16.6			16.6		16.6
73	200	8.2			8.2	13.8	22.0	81	180	11.4			11.4		11.4
74	74	6.1			6.1	30.8	36.9	81	192	8.0			8.0		8.0
74	81	14.6			14.6		14.6	81	193	33.3			33.3	11.4	44.7
74	82	8.3			8.3		8.3	81	194	35.7			35.7	7.3	43.0
74	87	14.2			14.2		14.2	81	195	40.6			40.6	34.2	74.8
74	89	7.1			7.1	21.3	28.4	81	215	8.3			8.3	8.3	16.6
74	92	51.8			51.8	28.4	80.2	82	82	5.7	17.6		23.3		5.7
74	94	24.8			24.8	35.2	60.0	82	83	287.3			287.3	70.4	357.7
74	95	18.3			18.3		18.3	82	84	256.8	17.6		274.4	37.0	293.8
74	104		44.0		44.0			82	87	12.3		2.0	14.3	6.8	19.1
74	113		8.8		8.8			82	88	8.8	8.8		17.6	48.4	57.2
74	134	8.3			8.3	16.6	24.9	82	90	11.3			11.3		11.3
74	142	11.2			11.2	8.2	19.4	82	91	13.2			13.2	6.6	19.8
74	154	15.4			15.4		15.4	82	93	5.6			5.6	11.2	16.8
74	167	16.4			16.4	8.2	24.6	82	94	25.4	8.2		33.6	13.9	39.3
74	173	7.1			7.1	22.5	29.6	82	96	5.7			5.7		5.7
74	196	8.2			8.2		8.2	82	106	25.4			25.4	6.8	32.2
74	200	14.0			14.0		14.0	82	113	13.2			13.2	6.6	19.8
75	80	22.8			22.8		22.8	82	127	5.5			5.5	16.5	22.0
75	84	8.3			8.3		8.3	82	131	7.0			7.0		7.0
75	90	14.2			14.2	8.2	22.4	82	133	28.2			28.2	8.2	36.4
75	106	5.6			5.6		5.6	82	134	28.2			28.2		28.2
75	113		8.8		8.8			82	135	37.9			37.9	36.4	74.3
75	138	12.5			12.5	12.5	25.0	82	138	5.5			5.5		5.5
75	149	5.5			5.5		5.5	82	139		8.8		8.8		
75	161	5.5			5.5		5.5	82	140	8.3			8.3	5.7	14.0
75	167	22.4			22.4	11.2	33.6	82	148	6.5			6.5		6.5
75	199	11.0			11.0		11.0	82	155	5.7			5.7		5.7
75	209	11.2			11.2		11.2	82	156	12.5			12.5		12.5
77	80	45.6			45.6		45.6	82	157	13.2			13.2	26.4	39.6
77	81	34.1			34.1	11.4	45.5	82	158	6.6			6.6		6.6
77	82	57.3	8.8		66.1	119.9	119.9	82	160	5.5			5.5	12.1	17.6
77	83	59.5			59.5		59.5	82	162	6.6			6.6	6.5	13.1
77	84	48.2			48.2	5.7	53.9	82	163	6.8			6.8	14.1	20.9
77	88	16.8			16.8		16.8	82	165	5.6			5.6		5.6
77	91	44.8			44.8		44.8	82	167	19.8			19.8		19.8
77	94	8.0			8.0	14.2	22.2	82	171	13.2			13.2	14.2	27.4
77	113	12.7			12.7		12.7	82	172	25.4			25.4	21.3	46.7
77	125	11.0			11.0		11.0	82	193	5.6			5.6	5.6	11.2
77	135	5.7			5.7		5.7	82	194	5.6			5.6		5.6
77	142	7.1			7.1		7.1	82	195	5.5			5.5	8.2	13.7
77	149	5.6			5.6	14.6	20.2	82	202	13.0			13.0	20.5	33.5
77	154	11.0			11.0	5.6	16.6	82	204	13.2			13.2	6.6	19.8
77	156	5.7			5.7	11.4	17.1	83	83	149.0	8.8		157.8	40.6	189.6
77	157	16.8			16.8		16.8	83	84	163.6			163.6	79.8	243.4
77	160	11.0			11.0		11.0	83	87	14.6			14.6		14.6
77	161	19.0			19.0	14.2	33.2	83	90	17.1			17.1		17.1
77	163	11.4			11.4	11.2	22.6	83	91	35.5			35.5	28.4	63.9
77	190	8.2			8.2		8.2	83	92	100.5	8.8		109.3	93.9	194.4
77	193		1.0		1.0		1.0	83	94	49.5			49.5	21.9	71.4
78	81	37.0			37.0		37.0	83	96	21.9			21.9	14.6	36.5
78	82	5.6			5.6		5.6	83	106	66.9	1.0		67.9	56.8	123.7
78	83	37.4			37.4		37.4	83	109	11.4			11.4		11.4
78	91	8.3			8.3	8.3	16.6	83	113	35.6			35.6	35.6	35.6
78	142	12.2			12.2		12.2	83	131	14.6			14.6		14.6
78	194	11.4			11.4		11.4	83	134	7.3			7.3		7.3
79	206	11.2			11.2		11.2	83	135	68.4			68.4	26.0	94.4
80	80	34.2			34.2		34.2	83	136	8.0			8.0		8.0
80	81	34.2			34.2	28.5	62.7	83	142		35.2		35.2		35.2
80	82	121.4			121.4	69.0	190.4	83	149	22.8			22.8		22.8
80	83	48.8			48.8	40.6	89.4	83	156	11.4			11.4		11.4
80	84	122.2			122.2	36.0	158.2	83	167	8.2			8.2		8.2
80	92	29.2			29.2	49.4	78.6	83	175	14.6			14.6		14.6
80	94	33.3			33.3		33.3	83	186	5.7			5.7		5.7
80	96	7.3			7.3		7.3	83	193	11.4		1.0	12.4	11.4	22.8
80	104	11.4			11.4		11.4	83	194	51.2			51.2	13.8	65.0
80	106	11.4			11.4		11.4	83	195	5.7			5.7	14.6	20.3
80	113	21.5			21.5	72.2	93.7	83	196	17.1			17.1		17.1
80	114	22.7			22.7	15.4	38.1	83	203	7.3			7.3	14.6	21.9
80	122	11.0			11.0		11.0	83	211	24.4			24.4		24.4
80	134	7.3			7.3	29.2	36.5	83	215	33.7			33.7	14.6	48.3
80	135	14.6			14.6		14.6	83	216	5.7	11.0		16.7		5.7
80	138	16.5			16.5	22.0	38.5	84	84	59.4			59.4		59.4
80	143	8.3			8.3		8.3	84	85	14.6			14.6		14.6
80	160	14.0			14.0	14.0	28.0	84	86		8.8		8.8		
80	167	14.6			14.6	43.8	58.4	84	87	66.4			66.4	65.7	132.1
80	172	11.4			11.4		11.4	84	91	14.4			14.4		14.4
80	180	5.7			5.7		5.7	84	92	37.4	8.8	1.0	46.2		37.4
80	193	17.1			17.1	34.9	52.0	84	94	119.3			119.3	22.8	142.1
80	216	17.1			17.1	14.6	31.7	84	95	22.8			22.8		22.8
81	81	30.0			30.0		30.0	84	96	23.9	17.6		41.5	6.8	30.7
81	82	191.1			191.1	6.1	197.2	84	106	5.6			5.6		5.6
81	83	64.2			64.2	43.9	108.1	84	109		17.6		17.6		



Table A-27 (continued)

Low Zone	High Zone	Vehicle Trips			Passenger Trips	Total Person Trips	Low Zone	High Zone	Vehicle Trips			Passenger Trips	Total Person Trips
		Cars	Trucks	Taxis					Total	Cars	Trucks		
118	195		5.5		5.5	150	200	36.4			36.4	30.4	66.8
119	164	11.4			11.4	150	201	16.8		2.0	18.8		16.8
120	211	5.5			5.5	150	203	40.8	8.8		49.6		40.8
121	143		8.8		8.8	150	204	52.3			52.3	31.2	83.5
121	153		5.1		5.1	150	206	18.5			18.5	23.7	42.2
121	211	5.5			5.5	150	216	16.5			16.5		16.5
125	188	11.0			11.0	150	217	11.2			11.2		11.2
127	161	7.0			7.0	151	151	35.9	43.4	7.0	86.3	5.5	41.4
128	142	8.2			8.2	151	152	97.3	95.6	3.0	195.9		97.3
128	206	21.3			21.3	151	153	12.5			12.5		12.5
128	216	5.7			5.7	151	154	24.7	70.4	1.0	96.1		24.7
129	168	33.6			33.6	151	155		73.8	3.0	76.8		
131	136	14.0			14.0	151	156	106.4	90.8	9.0	206.2	15.6	122.0
131	152	5.5			5.5	151	157	34.0			34.0		34.0
131	173	14.2			14.2	151	158	50.7	41.6	2.0	94.3	27.9	78.6
131	199	5.5			5.5	151	159	5.5			5.5		5.5
131	200	5.5			5.5	151	160	126.4	58.6	1.0	186.0	30.1	156.5
134	153	7.3			7.3	151	161	218.5	16.4	5.0	239.9	204.1	422.6
134	159	7.3			7.3	151	162	82.1		1.0	83.1	49.9	132.0
135	135	16.8	61.0		77.8	151	163	48.8	49.2	4.0	102.0	43.2	92.0
135	158	11.2	5.5		16.7	151	164	17.0		6.0	23.0		17.0
135	168		10.2		10.2	151	165	51.2	42.8	2.0	96.0	21.4	72.6
135	189	11.2			11.2	151	166		8.8		8.8		
135	204	14.6			14.6	151	167	48.7	17.6	5.0	71.3	34.2	82.9
136	152	11.0			11.0	151	168	33.6	8.2	1.0	42.8	25.4	59.0
137	149		10.2		10.2	151	170		32.8		32.8	5.7	5.7
138	138	16.5			16.5	151	171	149.3	24.6	11.0	184.9	36.1	185.4
139	186	5.6			5.6	151	172	171.1	24.6	5.0	200.7	47.5	218.6
142	144	8.3			8.3	151	173	72.1	24.6	3.0	99.7	37.6	109.7
142	196		5.1		5.1	151	175	25.1	8.8	4.0	37.9	5.6	30.7
142	160	5.6			5.6	151	177	7.3			7.3	7.3	14.6
142	167	22.4			22.4	151	183	13.0			13.0		13.0
142	193		5.1		5.1	151	185	5.6			5.6		5.6
142	194		27.5		27.5	151	186	41.7			41.7		41.7
142	195		5.5		5.5	151	188		16.4		16.4		
147	147	14.0			14.0	151	189		8.2		8.2		
147	193	14.0			14.0	151	192	8.2			8.2		8.2
149	149	5.5	2.0		7.5	151	193	5.7	8.2	1.0	14.9	11.0	16.7
149	150	33.6	17.6		51.2	151	194	19.2	8.8	1.0	29.0	13.7	32.9
149	151	44.6	17.6	2.0	64.2	151	195	5.7	8.8		14.5		5.7
149	152	33.7			33.7	151	196		8.8		8.8		
149	153	6.5		1.0	7.5	151	199	34.5	16.4		50.9	7.0	41.5
149	154		8.8		8.8	151	200	19.5	8.2		27.7	26.0	45.5
149	156	52.8	17.0	1.0	70.8	151	201	35.7	8.8	3.0	47.5		35.7
149	157	54.6			54.6	151	202	35.8	32.8		68.6	62.1	97.9
149	158			1.0	1.0	151	203	11.2		2.0	13.2		11.2
149	159	6.5			6.5	151	204	94.2	24.6	9.0	127.8	54.8	149.0
149	160	53.9	8.8		62.7	151	205	8.2			8.2		8.2
149	161	62.0		1.0	63.0	151	206	22.4	8.8		31.2	34.5	56.9
149	162	18.8			18.8	151	207	16.5			16.5	6.5	23.0
149	163	31.7			31.7	151	208	5.5			5.5		11.0
149	164		2.0		2.0	151	211	5.5		1.0	6.5	6.5	12.0
149	165	27.7	8.8		36.5	151	214	28.4			28.4	14.6	43.0
149	167	50.1	41.6		91.7	151	216	5.5			5.5		5.5
149	168	44.8			44.8	151	217	11.0	33.4		44.4		11.0
149	170	20.3			20.3	152	152		25.2		25.2		
149	171	109.0			109.0	152	153		17.0		17.0		
149	172	34.5	16.4	3.0	53.9	152	154	11.2	8.8		20.0	5.5	16.7
149	173	40.1			40.1	152	155	8.2	16.4		24.6		8.2
149	175	11.4	16.4	1.0	28.8	152	156	114.8	76.2		191.0	19.2	134.0
149	182	6.5			6.5	152	157	81.5			81.5	12.7	94.2
149	193	5.7			5.7	152	158	51.9			51.9	8.2	60.1
149	194	5.6			5.6	152	160	87.8	76.8		164.6	43.5	131.3
149	199	5.5			5.5	152	161	262.0	8.2		270.2	121.3	383.3
149	200	6.5			6.5	152	162	52.4	24.6		77.0	40.8	93.2
149	201		1.0		1.0	152	163	61.2			61.2	25.3	86.5
149	202	6.5			6.5	152	164	8.3			8.3		8.3
149	203	11.2			11.2	152	165	6.8			6.8		6.8
149	204	77.8	1.0		78.8	152	166		8.2		8.2		
149	206	19.8			19.8	152	167	44.5	25.2		69.7	38.0	82.5
149	211	5.6			5.6	152	170	6.8			6.8		6.8
149	215	16.0			16.0	152	171	82.8		2.0	84.8	42.1	124.9
149	217	5.6			5.6	152	172	38.5			38.5	30.1	68.6
150	150	49.8			49.8	152	173	45.1	8.2		53.3	40.1	85.2
150	151	102.5	26.4	3.0	131.9	152	175	5.6	8.8		14.4		5.6
150	152	99.3	8.2		107.5	152	181	7.0			7.0		7.0
150	153	8.2			8.2	152	185	11.0			11.0		11.0
150	156	125.6	17.0	2.0	144.6	152	186	8.0			8.0		8.0
150	157	35.2			35.2	152	188	5.7	24.6		30.3	8.3	14.0
150	158	57.2		1.0	58.2	152	189		16.4		16.4		
150	160	83.4	51.0	1.0	135.4	152	193	7.0	8.8		15.8		7.0
150	161	290.6	8.8	3.0	302.4	152	194	11.4	8.2	1.0	20.6		11.4
150	162	58.9			58.9	152	195		8.8		8.8		
150	163	68.8		2.0	70.8	152	199	32.5			32.5	13.0	45.5
150	164	13.6		3.0	16.6	152	200	28.5	8.8	1.0	38.3	14.0	42.5
150	165	39.4	8.8	1.0	49.2	152	201	13.0	8.2	1.0	22.2		13.0
150	166		16.4		16.4	152	202		16.4	1.0	17.4		
150	167	86.3		1.0	87.3	152	203	19.4			19.4		19.4
150	168	5.5	16.4		21.9	152	204	24.4	8.8		33.2	13.2	37.6
150	170	13.6			13.6	152	206	72.8			72.8	11.2	84.0
150	171	120.5		2.0	122.5	152	209	7.0			7.0		7.0
150	172	100.3		2.0	102.3	152	210	6.5			6.5	13.0	19.5
150	173	82.3	41.0	1.0	124.3	153	153		8.2		8.2		
150	174	14.0			14.0	153	156	12.1	41.0	1.0	54.1		12.1
150	175	5.6	16.4		22.0	153	157	24.0			24.0		24.0
150	189	8.2			8.2	153	158		24.6		24.6		
150	192	5.7			5.7	153	160	19.5			19.5		19.5
150	193	11.2			11.2	153	161	49.6		1.0	50.6		49.6
150	194	16.7		1.0	17.7	153	162	22.4			22.4	11.2	33.6
150	195	5.6			5.6	153	163	7.3			7.3		7.3
150	199	27.0			27.0	153	165	11.4			11.4		11.4

Table A-27 (continued)

Low Zone	High Zone	Vehicle Trips				Passenger Trips	Total Person Trips	Low Zone	High Zone	Vehicle Trips				Passenger Trips	Total Person Trips
		Cars	Trucks	Taxis	Total					Cars	Trucks	Taxis	Total		
153	166		8.8		8.8		157	164		8.2		8.2		14.2	
153	167	8.2			8.2	8.2	157	165	7.3	16.4		23.7	11.2	18.5	
153	168	22.4	16.4		38.8	22.4	157	167	7.1	24.6		31.7	7.1	14.2	
153	171	29.2			29.2	29.2	157	171	87.4	8.2	1.0	96.6	36.6	124.0	
153	172	7.1			7.1	7.1	157	172	43.7			43.7	23.9	67.6	
153	173		8.2		8.2	16.6	157	173	57.5	8.2		65.7	67.2	124.7	
153	174		8.2		8.2		157	187	11.0			11.0	14.0	25.0	
153	175	11.0			11.0	11.0	157	188		8.2		8.2	33.0	33.0	
153	179		8.2		8.2		157	189		8.2		8.2	14.2	14.2	
153	180	5.6			5.6	5.6	157	194	5.6			5.6	14.2	19.8	
153	186	5.5			5.5	5.5	157	201	5.5			5.5	11.0	16.5	
153	199	7.0			7.0	8.2	157	202	5.5			5.5	13.6	19.1	
153	204	5.5			5.5	8.3	157	203	8.0			8.0	5.5	13.5	
153	212	8.3			8.3	8.3	157	204	37.5			37.5	16.6	54.1	
154	154		8.8		8.8		157	205	36.6			36.6	5.5	42.1	
154	155		17.6		17.6		157	206	19.2			19.2	64.8	84.0	
154	156	28.5			28.5	28.5	157	211	11.0			11.0	11.0	22.0	
154	157	11.0			11.0	11.0	157	212	11.2			11.2	16.5	27.7	
154	158	25.4	16.4		41.8	25.4	158	158	36.6	16.4		53.0	7.1	43.7	
154	159	6.5			6.5	6.5	158	160	50.3	32.8		83.1	5.6	55.9	
154	160	8.2	16.4		24.6	8.2	158	161	82.4	24.6		107.0	26.4	108.8	
154	161	33.0	8.8		41.8	7.0	158	162	13.8	24.6		38.4	53.4	67.2	
154	162		41.0		41.0		158	163	42.2	8.2		50.4	5.7	47.9	
154	165	5.5			5.5	5.7	158	164	5.7	8.2		13.9	25.4	31.1	
154	167	37.7	8.2		45.9	16.8	158	165	19.2			19.2	8.2	27.4	
154	171	113.5	17.0		130.5	36.6	158	167	65.3	16.4		81.7	71.0	136.3	
154	172	66.0	24.6		90.6	12.7	158	168	36.6			36.6	7.1	43.7	
154	173	11.2			11.2		158	171	44.8	57.4	1.0	103.2	5.6	50.4	
154	193		8.8		8.8		158	172	33.6			33.6	18.1	51.7	
154	195		8.8		8.8		158	173	13.2			13.2	7.1	20.3	
154	197	11.0			11.0	11.0	158	174	7.1			7.1	25.4	32.5	
154	199	5.5			5.5	5.5	158	175			2.0	2.0			
154	201	22.0			22.0	22.0	158	180	25.4			25.4		25.4	
154	204	5.6			5.6	5.6	158	186		16.4		16.4			
154	206	13.2			13.2	13.2	158	189		73.8		73.8			
155	155		17.0		17.0		158	193	19.5			19.5	21.0	40.5	
155	156	11.1	35.2	2.0	48.3	11.1	158	201	21.0			21.0	8.2	29.2	
155	160	5.6	73.8		79.4	5.6	158	203	16.6			16.6	16.6	16.6	
155	161	7.0	8.2		15.2	7.0	158	204	14.2			14.2	49.7	63.9	
155	163	34.0			34.0	34.0	158	206	49.3	16.4		65.7	12.7	62.0	
155	166		17.0		17.0		158	216	11.2			11.2		11.2	
155	167	19.4	8.2		27.6	8.2	159	161	7.0			7.0		7.0	
155	168	22.4			22.4	22.4	159	172	5.5			5.5	11.0	16.5	
155	171	5.6	8.2		13.8	5.6	159	186	5.5			5.5	11.0	16.5	
155	172	44.8			44.8	44.8	160	160	68.0	92.0		160.0	115.5	183.5	
155	173	11.2			11.2	11.2	160	161	181.8	8.2	3.0	193.0	142.2	324.0	
155	174	8.2			8.2	8.2	160	162	48.4	32.8		81.2	42.8	91.2	
155	177		32.8		32.8		160	163	27.6			27.6	20.3	47.9	
155	180		16.4		16.4		160	165	27.5	8.8		36.3	16.4	43.9	
155	186		34.0		34.0		160	166	31.0	16.4		47.4		31.0	
155	193		8.8		8.8		160	167	72.3			72.3	145.8	218.1	
155	194			1.0	1.0		160	168	20.2			20.2	22.2	42.4	
155	195	11.1	8.2		19.3	11.1	160	169	8.2			8.2	8.2	16.4	
155	206	6.6	24.6		31.2	6.6	160	171	51.5	24.6	3.0	79.1	42.4	93.9	
155	207		8.2		8.2		160	172	110.7	8.2		118.9	113.4	224.1	
155	216		82.0		82.0		160	173	38.7	32.8	2.0	73.5	53.0	91.7	
156	156	61.7	102.6		164.3	14.6	160	174		16.4		16.4			
156	157	104.7			104.7	14.2	160	175	22.2			22.2	25.0	47.2	
156	158	56.9	25.2	1.0	83.1		160	177		16.4		16.4			
156	159	6.5			6.5	6.5	160	189		24.6		24.6			
156	160	91.8	66.2		158.0	11.1	160	192	5.6			5.6		5.6	
156	161	153.0	32.8		185.8	111.5	160	193	13.8	8.8		22.6	8.2	22.0	
156	162	87.2	25.2		112.4	32.3	160	194	13.0	8.2		21.2	8.2	21.2	
156	163	82.7			82.7	13.9	160	195		8.8		8.8			
156	164	5.7		1.0	6.7	5.7	160	199	38.6			38.6	100.2	138.8	
156	165	54.9	25.8	2.0	82.7	17.0	160	200	20.5	35.2		55.7	14.0	34.5	
156	166	5.7			5.7	5.7	160	201	67.5	16.4		83.9	11.0	78.5	
156	167	122.1	42.2	1.0	165.3	109.6	160	202	28.0			28.0	70.0	98.0	
156	168	38.7		1.0	39.7	14.4	160	203	21.0	8.8		29.8	14.0	35.0	
156	171	263.3	32.8	2.0	298.1	55.6	160	204	68.1	16.4	4.0	88.5	33.7	101.8	
156	172	120.2	8.2	2.0	130.4	18.7	160	206	13.7			13.7	16.4	30.1	
156	173	45.2	8.2		53.4	14.2	160	211	5.6	17.0		22.6		5.6	
156	174		16.4		16.4		160	217		8.8		8.8			
156	175	5.7			5.7	5.7	161	161	109.5	8.2		117.7	162.5	272.0	
156	178		8.2		8.2		161	162	19.4	17.0		36.4	22.2	41.6	
156	184		16.4		16.4		161	163	30.7			30.7	35.3	66.0	
156	186		16.4	1.0	17.4		161	164		8.2		8.2			
156	187	5.7			5.7	5.7	161	165	14.0			14.0	42.5	56.5	
156	189	7.1			7.1	7.1	161	166	11.0			11.0	11.0	11.0	
156	190		8.2		8.2		161	167	159.1		1.0	160.1	248.3	407.4	
156	193	29.4	8.8		38.2	14.6	161	168	32.5			32.5	28.2	60.7	
156	194	19.3	68.0		87.3	8.2	161	171	128.8			128.8	109.7	238.5	
156	195	39.5			39.5	39.5	161	172	215.6		1.0	216.6	54.3	269.9	
156	199	18.5			18.5	61.0	161	173	48.4			48.4	89.4	137.8	
156	200	65.4	8.8		74.2	22.4	161	174	11.0			11.0	11.0	11.0	
156	201	53.7	17.0	1.0	71.7	19.5	161	175	33.0		2.0	35.0	14.0	47.0	
156	202	14.6	16.4		31.0	14.0	161	177		32.8		32.8			
156	203	14.2			14.2	42.6	161	178		16.4		16.4			
156	204	55.6		1.0	56.6	19.5	161	182	5.5			5.5	11.0	16.5	
156	206	48.6	8.8		57.4	48.6	161	186	44.1			44.1	11.0	55.1	
156	208	19.5			19.5	19.5	161	188	5.7			5.7	8.3	14.0	
156	209	16.5			16.5	16.5	161	193	5.5			5.5	5.5	5.5	
156	210	14.0			14.0	14.0	161	194	47.0			47.0	14.0	61.0	
156	211	5.5	8.8		14.3	5.5	161	195		8.2		8.2	22.0	22.0	
156	216	11.4			11.4	11.4	161	196		16.4		16.4			
156	217	6.5	8.8		15.3	6.5	161	197	14.0			14.0		14.0	
157	158	22.4	41.0		63.4	11.2	161	199	5.5			5.5		5.5	
157	160	32.3	8.2		40.5	5.5	161	200	11.0			11.0	11.0	22.0	
157	161	90.5			90.5	110.2	161	201	37.5			37.5	47.0	84.5	
157	162		24.6		24.6		161	203	28.0			28.0	49.0	77.0	
157	163	35.2			35.2		161	204	150.2		1.0	151.2	94.9	245.1	



Table A-27 (continued)

Low Zone	High Zone	Vehicle Trips			Total	Passenger Trips	Total Person Trips
		Cars	Trucks	Taxis			
192	195	5.6			5.6		5.6
192	204	11.2			11.2	14.2	25.4
192	206	35.8			35.8		35.8
193	193	5.6	17.6		23.2		5.6
193	194	44.9	44.0		88.9	16.6	61.5
193	195		17.6		17.6		
193	199	7.0			7.0	11.2	18.2
193	216	16.4			16.4	19.5	35.9
194	194	22.6	16.4		39.0	35.9	58.5
194	195	11.2	17.6		28.8		11.2
194	196	5.7			5.7		5.7
194	199	7.0			7.0	7.0	14.0
194	201	11.0			11.0		11.0
194	204	18.6			18.6		18.6
194	206		25.2		25.2	7.1	7.1
194	216		17.6		17.6		
194	217		26.4		26.4		
195	200	6.5			6.5		6.5
195	202	27.0			27.0	28.0	55.0
195	204	8.2			8.2	8.0	16.2
195	210	6.5			6.5		6.5
195	216		26.4		26.4	14.1	14.1
195	217	5.6			5.6		5.6
198	199		16.4		16.4		
198	206	28.4			28.4		28.4
199	204	44.0			44.0	90.0	134.0
199	206	32.5			32.5	49.4	81.9
200	201	11.0			11.0	14.0	25.0
200	203	8.0	8.8		16.8		8.0
200	204	22.0	17.0		39.0	29.0	51.0
200	206	22.2	8.8		31.0	28.4	50.6
201	202	33.0			33.0	11.0	44.0
201	204	44.2	8.8	2.0	55.0	5.5	49.7
201	206	5.6			5.6		5.6
201	211	11.0			11.0		11.0
202	202		41.0		41.0		
202	204	19.5	16.4		35.9		19.5
202	209	5.5			5.5		5.5
202	211	33.0	16.4		49.4	7.0	40.0
203	203	16.4	8.8		25.2	11.2	27.6
203	206		8.2		8.2		
203	207	5.5			5.5		5.5
203	211	14.0			14.0		14.0
204	204	30.9	57.4		88.3		30.9
204	206	73.0			73.0	28.4	101.4
204	211	27.5		1.0	28.5		27.5
206	206	25.4			25.4	99.4	124.8
206	210	8.2			8.2		8.2
210	215	7.0			7.0	35.0	42.0
211	211	16.5			16.5	5.5	22.0
211	216	5.7			5.7		5.7
216	217	5.5	8.8		14.3		5.5
TOTAL		102,962.9	23,909.0	754.0	127,625.9	50498.5	153,461.4

Table A-28

1968 TRIPS BETWEEN EXTERNAL STATIONS &amp; INTERNAL ZONES

24-Hour Period

External Station	Internal Zone	Vehicle Trips			External Station	Internal Zone	Vehicle Trips			External Station	Internal Zone	Vehicle Trips		
		Cars	Trucks	Total			Cars	Trucks	Total			Cars	Trucks	Total
225	001	2.8		2.8	227	031	32.3	1.8	34.1	227	195	11.3	8.9	20.2
225	003	2.2		2.2	227	032	13.9	3.1	17.0	227	196	1.8	1.7	3.5
225	004	10.1	2.8	12.9	227	033	27.9	0.8	28.7	227	199	6.2		6.2
225	005	8.1		8.1	227	034	38.5	2.7	41.2	227	201	2.2		2.2
225	006	1.7		1.7	227	035	33.7	3.9	37.6	227	202	1.7		1.7
225	007	4.3		4.3	227	036	2.4		2.4	227	206	3.2		3.2
225	008	5.6		5.6	227	037	3.0	4.3	7.3	227	216		2.7	2.7
225	009	0.9	1.1	2.0	227	038	2.6	14.9	17.5	227	217	1.3	0.9	2.2
225	010	7.9		7.9	227	039	10.6	6.8	17.4	229	001	22.3	9.9	32.2
225	012	2.2		2.2	227	040	6.0	5.3	11.3	229	002	5.5		5.5
225	014	2.5		2.5	227	041	11.8	5.3	17.1	229	003	69.0	9.7	78.7
225	015	2.4		2.4	227	042	10.0		10.0	229	004	162.2	10.8	173.0
225	016		1.1	1.1	227	043	3.6		3.6	229	005	40.1	9.8	49.9
225	017	1.1		1.1	227	045	1.6		1.6	229	006	28.4	4.8	33.2
225	018	5.6	1.1	6.7	227	046	1.1		1.1	229	007	13.2	8.8	22.0
225	020		2.3	2.3	227	047	3.0		3.0	229	008	41.3	3.5	44.8
225	022	4.2		4.2	227	048	21.6	8.4	30.0	229	009	63.6	3.1	66.7
225	025	4.3		4.3	227	050	23.0	2.2	25.2	229	010	18.5	12.7	31.2
225	026	2.9	1.1	4.0	227	051	29.6	3.6	33.2	229	011	8.8	4.8	13.6
225	027	2.3	0.8	3.1	227	052	47.8	4.4	52.2	229	012	25.8	4.4	30.2
225	029	8.1		8.1	227	053	41.9	15.3	57.2	229	013	2.0	7.4	9.4
225	031	6.2		6.2	227	054	4.3		4.3	229	014	3.9		3.9
225	032	7.0		7.0	227	055	43.9	6.5	50.4	229	015	6.6		6.6
225	033	11.6		11.6	227	056	47.6	6.3	53.9	229	016	9.5	1.3	10.8
225	034	4.2		4.2	227	057	8.8	6.0	14.8	229	017	8.1	1.9	10.0
225	035	4.2		4.2	227	058	10.2	1.6	11.8	229	018	17.1	3.4	20.5
225	037		1.0	1.0	227	059	5.6		5.6	229	019	24.0	4.4	28.4
225	039		0.8	0.8	227	060	25.7	9.5	35.2	229	020	10.9	7.8	18.7
225	040	2.2		2.2	227	061	15.2	6.3	21.5	229	021	5.2	9.2	14.4
225	041	5.9		5.9	227	062	2.9	3.3	6.2	229	022	7.0	5.9	12.9
225	042	2.9		2.9	227	063	5.8		5.8	229	023	1.8		1.8
225	047	2.0		2.0	227	064	1.7	0.9	2.6	229	024	11.0	3.7	14.7
225	048	2.1		2.1	227	067	3.7		3.7	229	025	1.4	3.1	4.5
225	050	4.3		4.3	227	069		1.0	1.0	229	026	10.1	1.9	12.0
225	053	1.1		1.1	227	073	3.0		3.0	229	027	170.8	4.9	175.7
225	055	3.7		3.7	227	074	8.3		8.3	229	029	8.9	3.2	12.1
225	056	4.3		4.3	227	075		1.7	1.7	229	030	4.2		4.2
225	058	2.1		2.1	227	080	22.2	2.2	24.4	229	031	21.7	3.8	25.5
225	059	0.9	2.9	3.8	227	081	3.0	1.3	4.3	229	032	32.2		32.2
225	060	1.2	1.5	2.7	227	082	23.1	1.5	24.6	229	033	37.2	1.3	38.5
225	062	4.5		4.5	227	083	19.5	3.5	23.0	229	034	25.4	1.7	27.1
225	075	1.0		1.0	227	084	22.7	0.9	23.6	229	035	38.0	1.4	39.4
225	076	4.7		4.7	227	085	1.7		1.7	229	036	4.6		4.6
225	081	1.8		1.8	227	086	6.0	4.8	10.8	229	037	9.8	1.8	11.6
225	082	2.5		2.5	227	087	13.9	1.3	15.2	229	038	7.2	1.9	9.1
225	083	4.3		4.3	227	088	4.9		4.9	229	039	8.4	17.5	25.9
225	084		1.3	1.3	227	089	1.5	1.5	3.0	229	040	3.8	17.3	21.1
225	085	2.7		2.7	227	090	4.3		4.3	229	041	3.0	1.3	4.3
225	086	1.3		1.3	227	091	8.3		8.3	229	042	9.8		9.8
225	090	3.3		3.3	227	092	27.2	14.3	41.5	229	045	3.6		3.6
225	091		1.6	1.6	227	093		5.7	5.7	229	047	4.1		4.1
225	092	1.2		1.2	227	094	48.7	5.8	54.5	229	048	44.4	3.1	47.5
225	094	2.5	1.1	3.6	227	095	38.9	32.8	71.7	229	049	1.5		1.5
225	095	2.8	6.8	9.6	227	096	9.5	8.6	18.1	229	050	36.2	1.7	37.9
225	097	2.2		2.2	227	103	1.6		1.6	229	051	8.4		8.4
225	103	1.1		1.1	227	105	2.7		2.7	229	052	133.4	3.5	136.9
225	107		7.0	7.0	227	106	25.9	1.7	27.6	229	053	16.6	17.2	33.8
225	109		2.0	2.0	227	107	1.1		1.1	229	054	2.3		2.3
225	113		2.8	2.8	227	109	12.5	7.3	19.8	229	055	39.6		39.6
225	133	4.9		4.9	227	113	8.8		8.8	229	056	40.8	3.6	44.4
225	134	0.9		0.9	227	114	4.2		4.2	229	057	5.2	4.2	9.4
225	136	3.3		3.3	227	119		1.6	1.6	229	058	4.3	1.6	5.9
225	142		2.6	2.6	227	121	1.4		1.4	229	059	14.6		14.6
225	145		1.9	1.9	227	123	1.8		1.8	229	060	20.1	6.2	26.3
225	146		1.3	1.3	227	127	5.0	5.6	10.6	229	061	3.5	10.5	14.0
225	147	0.9	13.0	13.9	227	128	2.4	2.4	4.8	229	062	11.8	5.6	17.4
225	165		0.5	0.5	227	130	1.6		1.6	229	063	1.7		1.7
225	172	3.0		3.0	227	131	7.1		7.1	229	064	5.3	9.6	14.9
225	186	2.8		2.8	227	135	5.0		5.0	229	073	3.4		3.4
225	194	1.2	1.0	2.2	227	142	2.1		2.1	229	074	2.9		2.9
225	217	1.8		1.8	227	149	3.5	1.6	5.1	229	075	3.5		3.5
227	001	21.3	12.4	33.7	227	150		1.5	1.5	229	077	13.7		13.7
227	002	13.7	1.9	15.6	227	151	2.9		2.9	229	080	7.9		7.9
227	003	69.8	23.9	93.7	227	152		11.9	11.9	229	081	2.9		2.9
227	004	151.6	4.9	156.5	227	153		1.7	1.7	229	082	29.4	1.3	30.7
227	005	42.1	7.8	49.9	227	154	2.7		2.7	229	083	22.9	1.9	24.8
227	006	14.0	11.1	25.1	227	155	1.3	5.5	6.8	229	084	39.1		39.1
227	007	25.3	7.2	32.5	227	156	7.6	1.1	8.7	229	085	3.8		3.8
227	008	18.7	4.6	23.3	227	157	1.6		1.6	229	086	8.6	1.8	10.4
227	009	63.0	7.9	70.9	227	158	3.1		3.1	229	087	8.1		8.1
227	010	41.8	5.4	47.2	227	160	6.0	1.3	7.3	229	091	11.3	1.8	13.1
227	011	17.5	3.0	20.5	227	161	5.7	0.9	6.6	229	092	14.2		14.2
227	012	34.7	1.7	36.4	227	162	1.7		1.7	229	093	4.4		4.4
227	013	7.0	2.2	9.2	227	163	1.1	1.5	2.6	229	094	106.3	14.1	120.4
227	015	8.2	2.8	11.0	227	164	4.8		4.8	229	095	28.6	29.1	57.7
227	016	3.7	2.5	6.2	227	165	4.9	5.2	10.1	229	096	6.8	6.4	13.2
227	017	9.7		9.7	227	166	2.6	1.2	3.8	229	101	1.4		1.4
227	018	12.9	1.9	14.8	227	167		1.0	1.0	229	105	2.0	1.8	3.8
227	019	24.0	2.5	26.5	227	168		2.4	2.4	229	106	47.2	1.8	49.0
227	020	19.7	28.1	47.8	227	170	3.1	2.5	5.6	229	109	7.8	2.6	10.4
227	021	8.1	2.4	10.5	227	171	6.9		6.9	229	113	12.6	4.9	17.5
227	022	1.7	12.7	14.4	227	172	3.0		3.0	229	114	6.5		6.5
227	023	2.2		2.2	227	173	2.4		2.4	229	115	1.8		1.8
227	024	8.4	1.0	9.4	227	174	1.5	1.5	3.0	229	121	1.3		1.3
227	025	1.5	1.6	3.1	227	185	1.7		1.7	229	127	4.4		4.4
227	026	7.0	1.0	8.0	227	186		18.0	18.0	229	135	8.7		8.7
227	027	35.9	1.4	37.3	227	188		9.4	9.4	229	142	6.5	12.7	19.2
227	028	3.2	1.4	4.6	227	192		1.6	1.6	229	148		0.8	0.8
227	029	11.3		11.3	227	193	10.0		10.0	229	149	2.7		2.7
227	030	1.6		1.6	227									

Table A-28 (continued)

External Station	Internal Zone	Vehicle Trips			External Station	Internal Zone	Vehicle Trips			External Station	Internal Zone	Vehicle Trips		
		Cars	Trucks	Total			Cars	Trucks	Total			Cars	Trucks	Total
229	151	4.8	6.6	11.4	230	075			1.5	231	096	1.7		1.7
229	152	1.5	12.6	14.1	230	077	7.0		1.5	231	107	1.6		1.6
229	153	1.5	5.4	6.9	230	079	3.1		7.0	231	109	11.1	28.3	39.4
229	154	3.2	14.1	17.3	230	080	2.5		2.5	231	142	1.7		1.7
229	155	1.3		1.3	230	081	1.9		1.9	231	159	1.6		1.6
229	156	7.0	1.7	8.7	230	082	9.5		9.5	231	162	1.5		1.5
229	157	3.2		3.2	230	083	13.3		13.3	231	168	2.6		2.6
229	158	2.0	1.3	3.3	230	084	16.2	3.2	19.4	231	186	1.6		1.6
229	160	15.4	3.7	19.1	230	086		2.6	2.6	231	204	0.8		0.8
229	161	9.2		9.2	230	087	5.6	1.0	6.6	231	217	1.3		1.3
229	162	1.5		1.5	230	088		1.0	1.0	232	001	4.0	4.3	8.3
229	163	6.3		6.3	230	090	2.7		2.7	232	002	3.6		3.6
229	164	1.5		1.5	230	091	5.0	1.1	6.1	232	003	25.7	10.5	36.2
229	165	3.5	1.5	5.0	230	092	15.9	10.9	26.8	232	004	57.9	20.2	78.1
229	166	6.9	4.7	11.6	230	093	8.3	4.4	12.7	232	005	14.6	3.7	18.3
229	167	10.5	2.7	13.2	230	094	47.4	31.5	78.9	232	006	5.0	1.7	6.7
229	168	4.8		4.8	230	095	26.6	36.7	63.3	232	007	9.2		9.2
229	171	12.4	1.5	13.9	230	096	4.0	8.6	12.6	232	008	17.4	2.5	19.9
229	172	2.8	1.4	4.2	230	106	10.7		10.7	232	009	7.3	10.5	17.8
229	173	6.9	1.3	8.2	230	109	1.0	4.7	5.7	232	010	10.8	2.8	13.6
229	174	3.2	2.5	5.7	230	113	3.0	3.4	6.4	232	011	2.3	1.2	3.5
229	177		1.3	1.3	230	114	5.2	1.2	6.4	232	012	8.5	1.0	9.5
229	180	1.3		1.3	230	130	1.0		1.0	232	013	2.9		2.9
229	183	1.4		1.4	230	135	1.4		1.4	232	014	2.0		2.0
229	186	2.2	11.0	13.2	230	136		1.2	1.2	232	015	5.4		5.4
229	187	1.5	1.4	2.9	230	151	1.5		1.5	232	016		1.4	1.4
229	188		10.0	10.0	230	152		2.1	2.1	232	017	1.5	6.4	7.9
229	189	1.5		1.5	230	154		1.0	1.0	232	018	16.1	0.9	17.0
229	190	2.0		2.0	230	155	2.8		2.8	232	019	37.1	3.8	40.9
229	192	7.5	5.0	12.5	230	156	2.4	1.5	3.9	232	020	2.4	7.2	9.6
229	193	28.5	9.2	37.7	230	158		1.7	1.7	232	021	5.8	2.7	8.5
229	194	23.7	6.2	29.9	230	160	3.1		3.1	232	022	4.5	5.0	9.5
229	195	12.3	5.4	17.7	230	161	4.2	1.0	5.2	232	023	1.1	10.2	11.3
229	196	3.8	3.2	7.0	230	165	2.5	2.0	4.5	232	025		1.5	1.5
229	199	3.1	1.6	4.7	230	166	2.7		2.7	232	026	5.0	6.6	11.6
229	200	2.7	1.8	4.5	230	167	1.7	4.0	5.7	232	027	13.6	15.0	28.6
229	201	1.3		1.3	230	168		2.0	2.0	232	028	6.5		6.5
229	203	1.5		1.5	230	171	1.4		1.4	232	029	7.3	3.9	11.2
229	204	1.9		1.9	230	173	1.4		1.4	232	031	9.2		9.2
229	206	7.3	1.7	9.0	230	175	1.0		1.0	232	032	15.9		15.9
229	211	3.0	1.4	4.4	230	178		2.1	2.1	232	033	13.7	4.4	18.1
229	216	3.1	3.0	6.1	230	180		1.1	1.1	232	034	21.2	10.5	31.7
229	217	2.0		2.0	230	186	1.7		1.7	232	035	20.3	11.6	31.9
230	001	18.0	2.4	20.4	230	191	2.1	13.4	15.5	232	036	3.7		3.7
230	002	13.9		13.9	230	192	2.3		2.3	232	037	5.7	2.1	7.8
230	003	36.4	8.4	44.8	230	193	1.8		1.8	232	038	2.4	15.4	17.8
230	004	112.1	20.7	132.8	230	194	6.6	8.7	15.3	232	039	9.9	7.1	17.0
230	005	37.3	3.8	41.1	230	195	5.3	1.5	6.8	232	040	2.2	3.5	5.7
230	006	12.7		12.7	230	196	4.0		4.0	232	041	3.6	1.0	4.6
230	007	12.5	1.0	13.5	230	201	1.4		1.4	232	042	7.2	3.2	10.4
230	008	21.2	1.2	22.4	230	203	0.9		0.9	232	043	0.9	8.2	9.1
230	009	30.1		30.1	230	204	1.7		1.7	232	048	5.5		5.5
230	010	32.7	7.0	39.7	230	215	1.9		1.9	232	050	23.0	1.4	24.4
230	011	4.9	30.1	35.0	230	217		4.1	4.1	232	051	5.3	0.5	5.8
230	012	12.5	4.5	17.0	231	001	1.0		1.0	232	052	5.4	2.4	7.8
230	013	6.5	2.2	8.7	231	002	3.4	7.7	11.1	232	053	6.9	1.7	8.6
230	015	2.7	1.1	3.8	231	003	13.7		13.7	232	055	13.7	1.7	15.4
230	016	4.0		4.0	231	004	8.0	5.7	13.7	232	056	20.0		20.0
230	017	3.5		3.5	231	005	1.5		1.5	232	057	6.9	1.5	8.4
230	018	29.2	2.2	31.4	231	006	4.9		4.9	232	058	2.1		2.1
230	019	21.4	3.5	24.9	231	007	7.7		7.7	232	059	7.8	4.9	12.7
230	020	14.3	25.0	40.3	231	008	2.9	3.4	6.3	232	060	7.4	21.3	28.7
230	021	6.7	18.5	25.2	231	009	8.1		8.1	232	061	5.1	3.0	8.1
230	022		41.0	41.0	231	010	15.3	1.8	17.1	232	062	22.4	11.2	33.6
230	023	4.6		4.6	231	011	2.0		2.0	232	064	7.1	21.8	28.9
230	024	6.2	1.4	7.6	231	012	1.2	1.7	2.9	232	069	2.3		2.3
230	025	3.9	0.5	4.4	231	016	3.3		3.3	232	077	7.2		7.2
230	026	5.3	3.0	8.3	231	018	4.5		4.5	232	080	5.1		5.1
230	027	31.2	0.5	31.7	231	019	7.9		7.9	232	081	1.5		1.5
230	028	0.9	1.2	2.1	231	020	3.0	3.9	6.9	232	082	2.4	1.0	3.4
230	029	26.1	4.0	30.1	231	021	5.0		5.0	232	083	6.1		6.1
230	031	33.6		33.6	231	022	0.8		0.8	232	084	8.5		8.5
230	032	6.7		6.7	231	026	1.1		1.1	232	086	1.6	1.0	2.6
230	033	28.0	8.0	36.0	231	027	6.4	2.2	8.6	232	087	0.9		0.9
230	034	24.9	11.2	36.1	231	031	4.2	0.6	4.8	232	090	1.4		1.4
230	035	41.2	16.7	57.9	231	032	1.6		1.6	232	091	7.1		7.1
230	036	2.0	8.7	10.7	231	033	2.2	0.9	3.1	232	092	7.3	1.0	8.3
230	037	3.4	2.3	5.7	231	034	1.8		1.8	232	094	6.1	2.9	9.0
230	038	9.3	10.5	19.8	231	035	3.5		3.5	232	095	25.2	35.1	60.3
230	039	9.0	14.8	23.8	231	036		2.5	2.5	232	096	9.4	8.0	17.4
230	040	9.5	12.9	22.4	231	037	1.1	0.9	2.0	232	097	1.4	2.7	4.1
230	041	2.8	2.5	5.3	231	038	1.1	1.8	2.9	232	103	1.2		1.2
230	042	14.2	3.5	17.7	231	039	7.2	7.2	14.4	232	104	1.3	2.3	3.6
230	045	7.5	1.0	8.5	231	043		0.9	0.9	232	106	20.5		20.5
230	047	4.0		4.0	231	048	1.9		1.9	232	108	2.5		2.5
230	048	23.4	1.5	24.9	231	051	1.1		1.1	232	109	7.9	27.3	35.2
230	050	18.9		18.9	231	056	2.2	1.0	3.2	232	113	6.1		6.1
230	051	11.4	3.5	14.9	231	057	1.0		1.0	232	115	1.3		1.3
230	052	17.5	14.1	31.6	231	058	1.0		1.0	232	150	1.0		1.0
230	053	2.7		2.7	231	059	4.0		4.0	232	151	1.6		1.6
230	055	12.9	1.7	14.6	231	060	4.8		4.8	232	152	1.4		1.4
230	056	26.3	13.4	39.7	231	061		1.2	1.2	232	156	1.6	5.6	7.2
230	057	20.7	3.7	24.4	231	062	1.5	2.0	3.5	232	158	2.6		2.6
230	058	13.8		13.8	231	064		1.1	1.1	232	162	1.3		1.3
230	059	5.0		5.0	231	077	1.1		1.1	232	163	2.2		2.2
230	060	33.9	9.7	43.6	231	083	1.1		1.1	232	166	1.1		1.1
230	061	1.4		1.4	231	084	1.0		1.0	232	167	2.3	1.6	3.9
230	062	17.3	4.4	21.7	231	086	2.8		2.8	232	171	3.0		3.0
230	063	1.4		1.4	231	091	0.8		0.8	232	172	2.7		2.7
230	070	1.7		1.7	231	092	1.8		1.8	232	173	3.0		3.0
230	073	6												

Table 28 (continued)

External Station	Internal Zone	Vehicle Trips			External Station	Internal Zone	Vehicle Trips			External Station	Internal Zone	Vehicle Trips		
		Cars	Trucks	Total			Cars	Trucks	Total			Cars	Trucks	Total
232	193	3.4		3.4	234	019	1.3		1.3	235	007	9.3		9.3
232	195	1.2		1.2	234	020	1.4		1.4	235	008	7.7	3.7	11.4
232	199	1.2		1.2	234	021	6.2		6.2	235	009	38.4	5.1	43.5
232	200	1.0		1.0	234	022	4.7		4.7	235	010	10.1		10.1
232	204	2.1		2.1	234	024	2.2	0.5	2.7	235	011	2.1	2.5	4.6
233	001	1.1		1.1	234	026	1.7		1.7	235	012	13.2	2.8	16.0
233	003	19.6		19.6	234	027	2.8		2.8	235	013	2.3	6.6	8.9
233	004	8.2		8.2	234	029	3.7	3.6	7.3	235	014	2.6		2.6
233	005	24.4	2.1	26.5	234	030	6.0		6.0	235	016	1.7		1.7
233	006	11.7		11.7	234	031	4.4		4.4	235	017	5.6		5.6
233	007	4.3	5.0	9.3	234	032	4.5	3.5	8.0	235	018	2.7		2.7
233	008	1.1		1.1	234	033	1.5		1.5	235	019	11.1	1.2	12.3
233	009	6.1	8.5	14.6	234	034	3.7		3.7	235	020	2.8	3.5	6.3
233	010	5.0	5.2	10.2	234	035	5.0	1.2	6.2	235	021	8.2	6.8	15.0
233	012	3.1	2.0	5.1	234	036	1.3		1.3	235	022	3.4	8.0	11.4
233	013	1.3		1.3	234	037	2.3	3.8	6.1	235	023	1.7		1.7
233	014	5.0		5.0	234	038		5.9	5.9	235	024	3.5		3.5
233	015	10.7		10.7	234	039	1.2	2.0	3.2	235	026	3.8		3.8
233	016	8.5		8.5	234	040	3.5		3.5	235	027	6.3	1.8	8.1
233	019	5.9		5.9	234	042	1.3		1.3	235	029	1.2		1.2
233	020	2.9		2.9	234	047		1.2	1.2	235	031	5.4		5.4
233	021	22.1		22.1	234	048	1.4		1.4	235	032	1.1		1.1
233	022	2.1	2.5	4.6	234	050	2.2		2.2	235	033	1.5	1.3	2.8
233	023	3.3		3.3	234	051	6.8		6.8	235	034	10.2	3.3	13.5
233	024	8.0		8.0	234	052	8.3	2.7	11.0	235	035	10.6		10.6
233	025	14.1	5.7	19.8	234	053	6.8	0.8	7.6	235	036	3.5		3.5
233	026	6.8		6.8	234	054	1.5		1.5	235	037	4.3	1.2	5.5
233	027	2.6		2.6	234	055	7.1	5.1	12.2	235	038	1.2	5.5	6.7
233	029	14.6		14.6	234	056	6.6		6.6	235	039	4.1	4.1	8.2
233	031	2.9		2.9	234	057	4.5		4.5	235	040	8.8		13.2
233	032	13.9	1.0	14.9	234	060		1.7	1.7	235	041	2.4		2.4
233	033	5.0	0.8	5.8	234	061	1.3		1.3	235	042	6.4		6.4
233	034	14.3		14.3	234	062		1.5	1.5	235	045	2.5	1.3	3.8
233	035	1.9	2.5	4.4	234	064	1.0		1.0	235	047	1.7		1.7
233	036	7.2		7.2	234	080	2.4		2.4	235	048	9.3		9.3
233	037	1.4		1.4	234	081	2.1		2.1	235	050	1.7	1.4	3.1
233	039		1.2	1.2	234	082	1.2	2.4	3.6	235	051	1.9		1.9
233	040	3.5		3.5	234	083	7.1		7.1	235	052	11.2	0.9	12.1
233	041	4.8		4.8	234	084	1.3		1.3	235	053	1.5	2.2	3.7
233	042	1.1		1.1	234	086	1.7		1.7	235	055	1.5		1.5
233	043	11.3		11.3	234	087	4.3		4.3	235	056	10.8	5.3	16.1
233	045	11.9		11.9	234	090	1.0		1.0	235	058	3.5		3.5
233	048	11.8		11.8	234	091	2.3		2.3	235	059	1.8		1.8
233	050	12.7		12.7	234	092	3.3		3.3	235	060	5.8	3.3	9.1
233	051	1.5		1.5	234	094	2.8	2.7	5.5	235	061	3.5	2.5	6.0
233	055	9.7		9.7	234	095	4.3		4.3	235	062	3.5		3.5
233	056	2.9	5.0	7.9	234	105	1.3	1.2	2.5	235	064	1.7	1.7	3.4
233	057		1.2	1.2	234	106	4.8		4.8	235	075	2.6		2.6
233	060	1.8		1.8	234	126	1.2		1.2	235	077	1.0		1.0
233	062	2.6	5.8	8.4	234	149	3.2	8.4	11.6	235	082	10.6		10.6
233	064	1.3		1.3	234	150	4.3		4.3	235	083	2.3		2.3
233	073	8.9		8.9	234	151	31.2		31.2	235	084	7.3	2.5	9.8
233	074		1.2	1.2	234	152	23.2	1.2	24.4	235	086	2.3	7.1	9.4
233	077	19.2		19.2	234	153	2.4		2.4	235	087	4.1	1.2	5.3
233	083	8.6		8.6	234	154	1.2	12.3	13.5	235	091	5.1		5.1
233	084	20.8		20.8	234	155	7.7	16.2	23.9	235	092	7.8	1.3	9.1
233	087	1.1		1.1	234	156	13.4	6.0	19.4	235	094	8.4	8.1	16.5
233	088	1.3		1.3	234	157	5.1		5.1	235	095	7.6	4.3	11.9
233	091	1.8		1.8	234	158	8.8	1.6	10.4	235	096	3.3	2.5	5.8
233	092	3.3		3.3	234	159	1.7		1.7	235	105	1.6		1.6
233	094	1.8	2.3	4.1	234	160	12.3	5.9	18.2	235	106	8.7	5.4	14.1
233	095	1.8		1.8	234	161	24.2		24.2	235	107	1.1		1.1
233	102	12.5	3.0	15.5	234	162	12.8		12.8	235	109	1.3	10.0	11.3
233	103	4.4		4.4	234	163	10.2	1.3	11.5	235	113	3.2	1.1	4.3
233	104		3.4	3.4	234	164	1.5		1.5	235	114	3.4		3.4
233	109	6.3	14.2	20.5	234	165	10.3	9.6	19.9	235	127		1.3	1.3
233	119	1.8		1.8	234	166	1.2	12.8	14.0	235	135	2.6		2.6
233	128	1.4		1.4	234	167	10.1		10.1	235	136		1.2	1.2
233	143		1.3	1.3	234	168	2.5		2.5	235	142		1.1	1.1
233	149		9.1	9.1	234	171	23.4		23.4	235	149	14.0	0.9	14.9
233	150	1.4		1.4	234	172	12.0	2.8	14.8	235	150	20.3	11.6	31.9
233	157	1.8	2.2	4.0	234	173	3.8		3.8	235	151	63.2	23.0	86.2
233	158	3.2		3.2	234	174	2.6		2.6	235	152	61.3	28.3	89.6
233	161	11.3		11.3	234	175	2.5		2.5	235	153	2.5	3.5	6.0
233	162	1.4	0.7	2.1	234	185	1.3		1.3	235	154	9.9	11.0	20.9
233	163	1.3		1.3	234	186	1.3	2.9	4.2	235	155	3.2	35.8	39.0
233	171	2.0		2.0	234	187	0.9	0.5	1.4	235	156	37.4	13.8	51.2
233	172	4.0		4.0	234	189		2.6	2.6	235	157	9.3	1.2	10.5
233	189		1.1	1.1	234	191		1.2	1.2	235	158	37.6	6.2	43.8
233	190		2.4	2.4	234	192	1.7		1.7	235	159	1.2		1.2
233	192	4.5	0.9	5.4	234	193	2.7		2.7	235	160	27.2	5.4	32.6
233	193	14.1		14.1	234	194	2.9		2.9	235	161	39.7	2.2	41.9
233	194		2.3	2.3	234	198	1.8		1.8	235	162	12.2		12.2
233	195	1.4	0.9	2.3	234	199	4.5		4.5	235	163	10.6	2.4	13.0
233	201		1.1	1.1	234	200	3.4		3.4	235	164	3.8		3.8
233	204	1.9		1.9	234	201	2.5		2.5	235	165	7.5	6.6	14.1
233	206	6.1		6.1	234	202	7.6	5.6	13.2	235	166	15.8	11.1	26.9
233	211		6.1	6.1	234	203	1.4		1.4	235	167	26.5	15.3	41.8
233	215	5.8	1.9	7.7	234	204	7.7	1.2	8.9	235	168	1.5	1.3	2.8
234	002	3.9		3.9	234	205	13.3	1.3	14.6	235	170	2.2		2.2
234	003	2.8	4.4	7.2	234	206		9.8	9.8	235	171	21.8	3.0	24.8
234	004	8.5	3.0	11.5	234	208		6.9	6.9	235	172	6.5	1.2	7.7
234	005	6.6	3.3	9.9	234	211		4.0	4.0	235	173	12.1		12.1
234	006	4.8		4.8	234	216	1.0		1.0	235	175	9.4		9.4
234	007	2.0		2.0	234	217	1.2	2.0	3.2	235	177	1.0	1.4	2.4
234	009	2.1		2.1	235	001	1.3	1.2	2.5	235	180	2.9		2.9
234	011		2.0	2.0	235	002	6.2		6.2	235	186	1.0	10.0	11.0
234	012	1.6		1.6	235	003	29.5	0.9	30.4	235	188	1.2	2.9	4.1
234	014	1.5		1.5	235	004	54.8	5.3	60.1	235	192		2.3	2.3
234	015	1.0	1.8	2.8	235	005	8.9	1.0	9.9	235	193	1.1	9.0	10.1
234	016	2.3		2.3	235	006	9.4		9.4	235	194	11.4	12.0	23.4

Table 28 (continued)

External Station	Internal Zone	Vehicle Trips			External Station	Internal Zone	Vehicle Trips			External Station	Internal Zone	Vehicle Trips		
		Cars	Trucks	Total			Cars	Trucks	Total			Cars	Trucks	Total
235	195	2.5	2.8	5.3	236	186	3.8	6.5	10.3	237	106	31.3	1.0	33.3
235	196	5.2	3.7	8.9	236	188		1.6	1.6	237	107		1.8	1.8
235	199	4.1		4.1	236	189	1.8	2.5	4.3	237	109	10.2	7.2	17.4
235	200	2.0	3.2	5.2	236	190	1.3		1.3	237	113	13.9	1.5	15.4
235	201	2.6	1.1	3.7	236	191	3.7		3.7	237	114	12.3		12.3
235	202	0.9		0.9	236	192	1.9	0.9	2.8	237	117	1.6		1.6
235	203	5.2		5.2	236	193	12.2	5.3	17.5	237	228	0.9	3.1	4.0
235	204	3.0	2.4	5.4	236	194	10.4	21.0	31.4	237	127	3.2		3.2
235	205		4.2	4.2	236	195	4.8	3.7	8.5	237	128	5.2	1.7	6.9
235	206	5.9	2.5	8.4	236	196	4.4	8.2	12.6	237	130	2.6		2.6
235	211	1.5	0.8	2.3	236	199	9.0	2.3	11.3	237	136	2.3		2.3
235	212		3.2	3.2	236	200	7.8		7.8	237	142	7.8	24.8	32.6
235	214		1.1	1.1	236	201	8.4	3.8	12.2	237	143		1.8	1.8
235	216	2.2	1.3	3.5	236	202	4.1		4.1	237	144		6.4	6.4
235	217	2.7		2.7	236	203	3.0	2.7	5.7	237	149	9.1	4.9	14.0
236	001	2.8	1.4	4.2	236	204	12.9	9.0	21.9	237	150	13.1	4.9	18.0
236	002	2.2		2.2	236	206	5.6		5.6	237	151	31.8	6.4	38.2
236	003	10.6		10.6	236	211	9.6	3.1	12.7	237	152	38.2	13.5	51.7
236	004	29.5	1.5	31.0	236	212	1.4		1.4	237	153	1.7		1.7
236	005	4.3	1.3	5.6	236	214	2.6		2.6	237	154	1.7	1.4	3.1
236	006	8.2	1.2	9.4	236	216	1.9	2.4	4.3	237	155	5.3	10.9	16.2
236	007	4.6	1.1	5.7	236	217	8.9	1.5	10.4	237	156	18.5	4.1	22.6
236	008	3.6		3.6	237	001	20.0	16.6	36.6	237	157	3.8		3.8
236	009	7.0	1.3	8.3	237	002	1.4		1.4	237	158	7.8	3.4	11.2
236	010	1.1		1.1	237	003	53.2	4.7	57.9	237	160	11.3	3.0	14.3
236	012	6.4	1.7	8.1	237	004	147.7	17.6	165.3	237	161	61.8	3.9	65.7
236	013		1.5	1.5	237	005	64.0	6.4	70.4	237	162	10.2	1.4	11.6
236	015	3.9		3.9	237	006	15.1	5.4	20.5	237	163	9.0	2.4	11.4
236	016	1.4		1.4	237	007	16.4	5.7	22.1	237	164	5.3		5.3
236	017	1.3		1.3	237	008	19.9	8.4	28.3	237	165	15.9	3.4	19.3
236	018	6.5		6.5	237	009	35.0	6.7	41.7	237	166	2.8	3.6	6.4
236	019	2.1		2.1	237	010	31.5	3.4	34.9	237	167	13.1	8.5	21.6
236	020	1.8	5.5	7.3	237	011	8.3	6.2	14.5	237	168	1.9		1.9
236	021		4.0	4.0	237	012	22.2	3.4	25.6	237	169		1.4	1.4
236	022		1.8	1.8	237	013	12.4	4.0	16.4	237	171	36.5	6.5	43.0
236	024		3.8	3.8	237	014	1.4		1.4	237	172	7.6	4.2	11.8
236	025	2.6		2.6	237	015	5.2	1.5	6.7	237	173	15.5		15.5
236	026	2.8	2.0	4.8	237	016	14.4		14.4	237	174	2.2		2.2
236	027	19.0		19.0	237	017	3.8		3.8	237	175	6.7		6.7
236	029	2.4		2.4	237	018	8.8		8.8	237	180	5.4	1.4	6.8
236	031	1.2		1.2	237	019	34.2	2.4	36.6	237	184		1.5	1.5
236	032	3.3		3.3	237	020	3.7	2.0	5.7	237	186	3.5	26.9	30.4
236	034	2.6		2.6	237	021	15.0	1.6	16.6	237	187		1.5	1.5
236	035	4.6		4.6	237	022	7.4	15.6	23.0	237	188	1.8	1.8	3.6
236	037	3.2	1.2	4.4	237	024		8.7	8.7	237	189	1.4	5.1	6.5
236	038	4.4		4.4	237	025		4.9	4.9	237	192	6.7		6.7
236	039	1.5	2.8	4.3	237	026	2.3	6.6	8.9	237	193	24.2	3.4	27.6
236	040	2.4	0.9	3.3	237	027	98.7	4.7	103.4	237	194	15.6	24.0	39.6
236	041		1.3	1.3	237	028	1.8	1.5	3.3	237	195	11.1	1.4	12.5
236	048	1.4		1.4	237	029	11.9		11.9	237	196	5.1		5.1
236	049	0.6		0.6	237	030	7.7		7.7	237	199	6.1		6.1
236	050	2.4		2.4	237	031	18.8	4.0	22.8	237	201	1.7		1.7
236	051	2.7		2.7	237	032	24.0	3.8	27.8	237	203	1.6		1.6
236	052	11.9	1.5	13.4	237	033	16.6	1.4	18.0	237	204	1.9	2.4	4.3
236	053	1.3	1.5	2.8	237	034	27.4	3.6	31.0	237	206	4.2	1.9	6.1
236	055	1.3		1.3	237	035	36.8		36.8	237	211	3.0		3.0
236	058	2.7		2.7	237	036	2.6		2.6	237	216	2.1	1.5	3.6
236	060	4.0	1.5	5.5	237	037	1.8	3.6	5.4	237	217		3.0	3.0
236	061	1.5	2.4	3.9	237	038	5.6	6.0	11.6	238	004	1.5	1.0	2.5
236	062	3.9		3.9	237	039	8.2	11.8	20.0	238	006		0.4	0.4
236	064		1.1	1.1	237	040	21.6	17.5	39.1	238	011	1.1		1.1
236	081	1.5		1.5	237	041	10.2		10.2	238	015	1.1		1.1
236	082	5.7		5.7	237	042	3.8		3.8	238	017	0.9		0.9
236	083	1.5		1.5	237	045	4.3		4.3	238	041	1.1		1.1
236	084	1.4		1.4	237	046	1.4	2.4	3.8	238	053		0.8	0.8
236	092	3.1	3.5	6.6	237	047	3.1		3.1	238	055	2.0	2.6	4.6
236	093	1.2		1.2	237	048	20.1	6.7	26.8	238	060		1.0	1.0
236	094	10.0	0.9	10.9	237	049		1.6	1.6	238	063	2.3		2.3
236	095	6.6	6.3	12.9	237	050	21.5		21.5	238	150	4.2		4.2
236	096	1.8	2.2	4.0	237	051	20.4		20.4	238	151	5.4		5.4
236	104		1.7	1.7	237	052	56.8	3.8	60.6	238	154	5.2		5.2
236	106	8.4	2.2	10.6	237	053	11.5	2.4	13.9	238	155	1.8	2.2	4.0
236	142	1.5	1.1	2.6	237	054	2.4		2.4	238	156	5.2	1.5	6.7
236	149	10.8	1.5	12.3	237	055	16.6	3.7	20.3	238	157	6.0		6.0
236	150	22.1	9.4	31.5	237	056	28.1		28.1	238	158	1.1	1.5	2.6
236	151	46.0	11.0	57.0	237	057	12.3		12.3	238	160		3.5	3.5
236	152	47.8	33.0	80.8	237	058	9.3	6.1	15.4	238	161	7.1		7.1
236	153	5.7	7.4	13.1	237	059	4.6		4.6	238	165	0.9		0.9
236	154	8.6	28.6	37.2	237	060	28.4	4.9	33.3	238	166		2.0	2.0
236	155	12.1	23.1	35.2	237	061	13.1	3.5	16.6	238	167	9.1	2.0	11.1
236	156	45.1	1.2	46.3	237	062	7.3		7.3	238	171	5.0	1.8	6.8
236	157	7.5	1.3	8.8	237	063	2.1		2.1	238	173	1.1		1.1
236	158	19.9	3.7	23.6	237	064	1.8	5.0	6.8	238	179		2.6	2.6
236	159	1.4		1.4	237	074	1.4	1.5	2.9	238	180	6.4		6.4
236	160	34.2	14.8	49.0	237	075	4.0	4.8	8.8	238	186		2.5	2.5
236	161	35.7	6.8	42.5	237	077	30.5	2.0	32.5	238	194		1.1	1.1
236	162	14.8	8.9	23.7	237	080	1.7		1.7	238	202	3.6		3.6
236	163	9.1	2.1	11.2	237	081	5.5		5.5	238	206	0.9	0.6	1.5
236	164	4.0	9.2	13.2	237	082	5.4	2.0	7.4	238	211	1.5		1.5
236	165	16.4	3.3	19.7	237	083	32.9	3.2	36.1					
236	166	6.8	9.5	16.3	237	084	24.4		24.4					
236	167	38.0	12.5	50.5	237	086	2.3		2.3					
236	168	1.5	1.5	3.0	237	087	4.3	1.5	5.8					
236	170	1.4	1.3	2.7	237	090	1.4		1.4					
236	171	26.7	8.4	35.1	237	091	5.4	5.5	10.9					
236	172	11.0	5.9	16.9	237	092	11.7	5.3	17.0					
236	173	5.9		5.9	237	094	43.2	8.0	51.2					
236	174	1.7	3.2	4.9	237	095	19.7	25.1	44.8					
236	175	2.6		2.6	237	096	1.6	10.5	12.1					
236	177	7.5	1.2	8.7	237	097		1.6	1.6					
236	178	2.0		2.0	237	104		1.7	1.7					
236	180	1.3		1.3	237	105	1.4							

Table A-29

## 1968 TRIPS BETWEEN EXTERNAL STATIONS

24-Hour Period

Low Station	High Station	Vehicle Trips		
		Cars	Trucks	Total
225	227	2.3	0.4	2.7
225	229	0.6	0.7	1.3
225	232	4.0	0.7	4.7
225	233		3.4	3.4
225	234	1.3		1.3
225	237	2.5	0.6	3.1
227	227	0.6		0.6
227	229	145.7	38.5	184.2
227	230	13.0	7.3	20.3
227	231		1.2	1.2
227	232	2.5	5.1	7.6
227	233	7.0	1.3	8.3
227	234	6.4	3.6	10.0
227	235	16.8	9.3	26.1
227	236	6.6	3.2	9.8
227	237	49.2	11.7	60.9
227	238	0.8		0.8
229	230	1.8	2.8	4.6
229	232	8.7	1.3	10.0
229	233	3.2	2.5	5.7
229	234	19.4	3.2	22.6
229	235	26.2	11.3	37.5
229	236	31.7	13.2	44.9
229	237	1018.0	318.7	1336.7
230	232	8.6	3.2	11.8
230	233	0.7		0.7
230	234		5.2	5.2
230	235	0.7		0.7
230	236	4.1	1.5	5.6
230	237	25.6	9.0	34.6
231	232	5.9	1.3	7.2
231	233	1.8		1.8
231	235		0.5	0.5
232	233	0.9	0.9	1.8
232	234		1.4	1.4
232	235	5.6		5.6
232	237	9.0	0.5	9.5
233	235	2.3		2.3
233	236		0.6	0.6
233	237	7.4	0.6	8.0
234	235	2.3	0.6	2.9
234	236	10.3	4.1	14.4
234	237	22.5	8.7	31.2
235	236	6.1	15.5	21.6
235	237	14.6	9.9	24.5
235	238	0.8		0.8
236	237	0.8	1.8	2.6
236	238	2.4	0.8	3.2
237	237		0.8	0.8
237	238	1.1		1.1
TOTALS		1,501.8	506.9	2,008.7

## DWELLING UNIT SUMMARY

CONFIDENTIAL - The information obtained in this survey will be accorded confidential treatment by the Urban Transportation Study. Individual reports will be used for statistical purposes only.

SHEET \_\_\_\_\_ OF \_\_\_\_\_

### SECTION I

A. Preceding No. \_\_\_\_\_

B. Interview Address \_\_\_\_\_

C. Succeeding No. \_\_\_\_\_

D. Municipality \_\_\_\_\_ County or Township \_\_\_\_\_

CARD									
TRAVEL DAY	DATE								
	BLOCK								
	SAMPLE NO.								
	SUBZONE								
	CENSUS DISTRICT								
	DAY OF WEEK								

### SECTION II

A. How many passenger cars are owned by residents at this address? (Include company owned cars) A-1 Pickups primarily for personnel use. |

B. How many persons live at this address? |

C. How many persons 5 years of age and over live at this address? |

D. How many out of area visitors 5 years of age and over are staying at this address? |

E. How long has the head of the household lived at this address? Years |

F. Where did you live before that? |

This area \_\_\_\_\_ State \_\_\_\_\_

#### G. Data for persons 5 years of age and over (including residents and out area visitors)

(1) Person No. *	(2) Sex	(3) Age	(4) Person Identification (Relationship to Head)	(5) Occupation	(6) Industry			(7) Made Trips (✓)			(8) Made Trips While At Work			
					Code	Code	Code	Yes	No	Don't Know	Yes	No	Don't Know	
1.														
2.														
3.														
4.														
5.														
6.														
7.														
8.														
9.														
10.														
11.														
12.														

\* Circle line number of each person interviewed

### SECTION III

A. Reasons for non-interview or incomplete report \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

B. No. of trips reported at this address |

1. No. of auto driver trips reported at this address |

2. No. of persons 5 years of age and over making trips |

3. No. of persons 5 years of age and over making no trips |

4. No. of persons 5 years of age and over making trips unknown |

C. Factor |

### SECTION IV ADMINISTRATIVE RECORD

Interviewer \_\_\_\_\_ Area No. \_\_\_\_\_

	Calls Made		Appointments	
	Date	Time	Date	Time
1.				
2.				
3.				
4.				
5.				

REPORT COMPLETED

Date \_\_\_\_\_ Time \_\_\_\_\_ Initials \_\_\_\_\_

NOTES AND COMMENTS

SUPERVISOR COMMENTS

FAMILY INCOME

<input type="checkbox"/> Under - \$2999	<input type="checkbox"/> \$10,000 - \$14,999
<input type="checkbox"/> \$3000 - \$4999	<input type="checkbox"/> \$15,000 - \$24,999
<input type="checkbox"/> \$5000 - \$6999	<input type="checkbox"/> \$25,000 - Over
<input type="checkbox"/> \$7000 - \$9999	<input type="checkbox"/> Refusal

# INTERNAL TRIP REPORT

SHEET \_\_\_\_\_ OF \_\_\_\_\_

CARD  BLOCK  SAMPLE NO.  SUBZONE  DATE OF TRAVEL  DISTRICT  DAY OF WEEK

C OCCUPATION AND INDUSTRY	D PERSON NO.	E TRIP NO.	A SEX	B AGE	F WHERE DID THIS TRIP BEGIN? (ORIGIN)	G WHERE DID THIS TRIP END? (DESTINATION)	L MODE OF TRAVEL	K TIME OF-		H PURPOSE OF TRIP		J LAND USE AT	N CAR POOL	M NO. IN CAR INCLUDING DRIVER	P KIND OF PARKING	Q BLOCKS WALKED	R TO HAVE CAR
								STARTING	ARRIVAL	FROM	TO						
			1 M		Address	Address	1 Auto driver 2 Auto pass. 3 Bus 4 Bus (school) 5 Taxi pass. 6 Truck pass. 7 Walk to work (1st)	A.M.	A.M.	1... Home 2. Work - transient 3... Work - fixed 4. Business 5... Shopping 6. School 7... Soc-Rec 8. Eat meal 9... Change mode 0. -----	1 ..2 3 ..4 5 ..6 7 ..8 9	Origin _____  Dest. _____	1 Yes	2 No	1 Street free 2 Street meter 3 Lot free 4 Lot paid 5 Garage free 6 Garage paid 7 Service or repairs 8 Res. property 9 Cruised 0 Not parked		
			1 M		Address	Address	1 Auto driver 2 Auto pass. 3 Bus 4 Bus (school) 5 Taxi pass. 6 Truck pass. 7 Walk to work (1st)	A.M.	A.M.	1... Home 2. Work - transient 3... Work - fixed 4. Business 5... Shopping 6. School 7... Soc-Rec 8. Eat meal 9... Change mode 0. -----	1 ..2 3 ..4 5 ..6 7 ..8 9	Origin _____  Dest. _____	1 Yes	2 No	1 Street free 2 Street meter 3 Lot free 4 Lot paid 5 Garage free 6 Garage paid 7 Service or repairs 8 Res. property 9 Cruised 0 Not parked		
			1 M		Address	Address	1 Auto driver 2 Auto pass. 3 Bus 4 Bus (school) 5 Taxi pass. 6 Truck pass. 7 Walk to work (1st)	A.M.	A.M.	1... Home 2. Work - transient 3... Work - fixed 4. Business 5... Shopping 6. School 7... Soc-Rec 8. Eat meal 9... Change mode 0. -----	1 ..2 3 ..4 5 ..6 7 ..8 9	Origin _____  Dest. _____	1 Yes	2 No	1 Street free 2 Street meter 3 Lot free 4 Lot paid 5 Garage free 6 Garage paid 7 Service or repairs 8 Res. property 9 Cruised 0 Not parked		
			1 M		Address	Address	1 Auto driver 2 Auto pass. 3 Bus 4 Bus (school) 5 Taxi pass. 6 Truck pass. 7 Walk to work (1st)	A.M.	A.M.	1... Home 2. Work - transient 3... Work - fixed 4. Business 5... Shopping 6. School 7... Soc-Rec 8. Eat meal 9... Change mode 0. -----	1 ..2 3 ..4 5 ..6 7 ..8 9	Origin _____  Dest. _____	1 Yes	2 No	1 Street free 2 Street meter 3 Lot free 4 Lot paid 5 Garage free 6 Garage paid 7 Service or repairs 8 Res. property 9 Cruised 0 Not parked		
			1 M		Address	Address	1 Auto driver 2 Auto pass. 3 Bus 4 Bus (school) 5 Taxi pass. 6 Truck pass. 7 Walk to work (1st)	A.M.	A.M.	1... Home 2. Work - transient 3... Work - fixed 4. Business 5... Shopping 6. School 7... Soc-Rec 8. Eat meal 9... Change mode 0. -----	1 ..2 3 ..4 5 ..6 7 ..8 9	Origin _____  Dest. _____	1 Yes	2 No	1 Street free 2 Street meter 3 Lot free 4 Lot paid 5 Garage free 6 Garage paid 7 Service or repairs 8 Res. property 9 Cruised 0 Not parked		
			1 M		Address	Address	1 Auto driver 2 Auto pass. 3 Bus 4 Bus (school) 5 Taxi pass. 6 Truck pass. 7 Walk to work (1st)	A.M.	A.M.	1... Home 2. Work - transient 3... Work - fixed 4. Business 5... Shopping 6. School 7... Soc-Rec 8. Eat meal 9... Change mode 0. -----	1 ..2 3 ..4 5 ..6 7 ..8 9	Origin _____  Dest. _____	1 Yes	2 No	1 Street free 2 Street meter 3 Lot free 4 Lot paid 5 Garage free 6 Garage paid 7 Service or repairs 8 Res. property 9 Cruised 0 Not parked		

NAME OF INTERVIEWER \_\_\_\_\_

NORTH DAKOTA HIGHWAY DEPARTMENT  
URBAN AREA TRANSPORTATION STUDY

SHEET \_\_\_\_\_ OF \_\_\_\_\_

EXTERNAL SURVEY ROADSIDE INTERVIEW FORM

CARD NUMBER	<input type="text"/>	EXTERNAL STATION NUMBER	<input type="text"/>	<input type="text"/>	DATE	<input type="text"/>	<input type="text"/>	HOUR PERIOD BEGINNING	<input type="text"/>	<input type="text"/>	DIRECTION OF TRAVEL	INBOUND	<input type="text"/>	OUTBOUND	<input type="text"/>	<input type="text"/>
-------------	----------------------	-------------------------	----------------------	----------------------	------	----------------------	----------------------	-----------------------	----------------------	----------------------	---------------------	---------	----------------------	----------	----------------------	----------------------

A	B	C	D	E	F	G	H	J
INTERVIEW NUMBER	VEH TYPE	NO. VEH	WHERE DID THIS TRIP BEGIN? ORIGIN	WHERE WILL THIS TRIP END? DESTINATION	TRIP PURPOSE	LAND USE AT TRIP END INSIDE CORDON LINE	WHERE IS THIS VEHICLE GARAGED?	ROUTE OF EXIT OR ENTRANCE (THRU TRIPS)
<input type="text"/>	<input type="text"/>	<input type="text"/>	----- -----	----- -----	O D	----- -----	IN AREA _____ 1 OUT OF AREA _____ 2	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	----- -----	----- -----	O D	----- -----	IN AREA _____ 1 OUT OF AREA _____ 2	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	----- -----	----- -----	O D	----- -----	IN AREA _____ 1 OUT OF AREA _____ 2	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	----- -----	----- -----	O D	----- -----	IN AREA _____ 1 OUT OF AREA _____ 2	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	----- -----	----- -----	O D	----- -----	IN AREA _____ 1 OUT OF AREA _____ 2	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	----- -----	----- -----	O D	----- -----	IN AREA _____ 1 OUT OF AREA _____ 2	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	----- -----	----- -----	O D	----- -----	IN AREA _____ 1 OUT OF AREA _____ 2	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	----- -----	----- -----	O D	----- -----	IN AREA _____ 1 OUT OF AREA _____ 2	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	----- -----	----- -----	O D	----- -----	IN AREA _____ 1 OUT OF AREA _____ 2	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	----- -----	----- -----	O D	----- -----	IN AREA _____ 1 OUT OF AREA _____ 2	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	----- -----	----- -----	O D	----- -----	IN AREA _____ 1 OUT OF AREA _____ 2	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	----- -----	----- -----	O D	----- -----	IN AREA _____ 1 OUT OF AREA _____ 2	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	----- -----	----- -----	O D	----- -----	IN AREA _____ 1 OUT OF AREA _____ 2	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	----- -----	----- -----	O D	----- -----	IN AREA _____ 1 OUT OF AREA _____ 2	<input type="text"/>

- |  |   |
|--|---|
| <p>VEHICLE TYPE (COLUMN B)</p> <ul style="list-style-type: none"> <li>12 PASSENGER CAR (NORTH DAKOTA LICENSE)</li> <li>13 PASSENGER CAR (OTHER STATES)</li> <li>21 PANEL OR PICKUP TRUCK</li> <li>22 2 AXLE 6 TIRE TRUCK</li> <li>23 3 AXLE SINGLE UNIT TRUCK</li> <li>24 3 AXLE TTST</li> <li>25 4 AXLE TTST</li> <li>26 5 AXLE TTST</li> <li>27 COMMERCIAL BUSES</li> <li>28 SCHOOL BUSES</li> </ul> | <p>TRIP PURPOSE (COLUMN F)</p> <ul style="list-style-type: none"> <li>1 - HOME</li> <li>2 - WORK - TRANSIENT LOCATION</li> <li>3 - WORK - FIXED LOCATION</li> <li>4 - BUSINESS</li> <li>5 - SHOPPING</li> <li>6 - SCHOOL</li> <li>7 - SOCIAL RECREATION</li> <li>8 - EAT MEAL</li> <li>9 - CHANGE MODE OF TRAVEL</li> </ul> |
|--|---|

CHECKED BY \_\_\_\_\_ PARTY CHIEF

METROPOLITAN AREA TRAFFIC SURVEY  
TRUCK REPORT

Sheet \_\_\_\_\_ of \_\_\_\_\_

Owner \_\_\_\_\_ Address \_\_\_\_\_  
License No. \_\_\_\_\_ Make \_\_\_\_\_ Year of Mfg. \_\_\_\_\_  
Industry \_\_\_\_\_

Card No. \_\_\_\_\_  
Sample No. \_\_\_\_\_

Type: 4- Panel or Pickup    5- Two Axle Single Tire    6- Two Axle Dual Tire    7- Three Axle Single Unit    8-Combinations \_\_\_\_\_  
Licensed Capacity (cwt) \_\_\_\_\_

Date of Travel \_\_\_\_\_ Day of Week \_\_\_\_\_  
Total Number of Stops of Trips \_\_\_\_\_  
Estimated Day's Mileage within Area \_\_\_\_\_

Trip No.	Origin	Destination	Mid-Point Time	Trip Purpose		Land Use
				O	D	
			A. M. - P. M.			O. D.
			A. M. - P. M.			O. D.
			A. M. - P. M.			O. D.
			A. M. - P. M.			O. D.
			A. M. - P. M.			O. D.
			A. M. - P. M.			O. D.
			A. M. - P. M.			O. D.

Trip Purpose

- |                   |                          |
|-------------------|--------------------------|
| 1. Home           | 6. School                |
| 2. Work Transient | 7. Social Recreation     |
| 3. Work-Fixed     | 8. Eat Meal              |
| 4. Business       | 9. Change Mode of Travel |
| 5. Shopping       | 0. Serve Passenger       |

\_\_\_\_\_  
(Interviewer)

\_\_\_\_\_  
(Date)