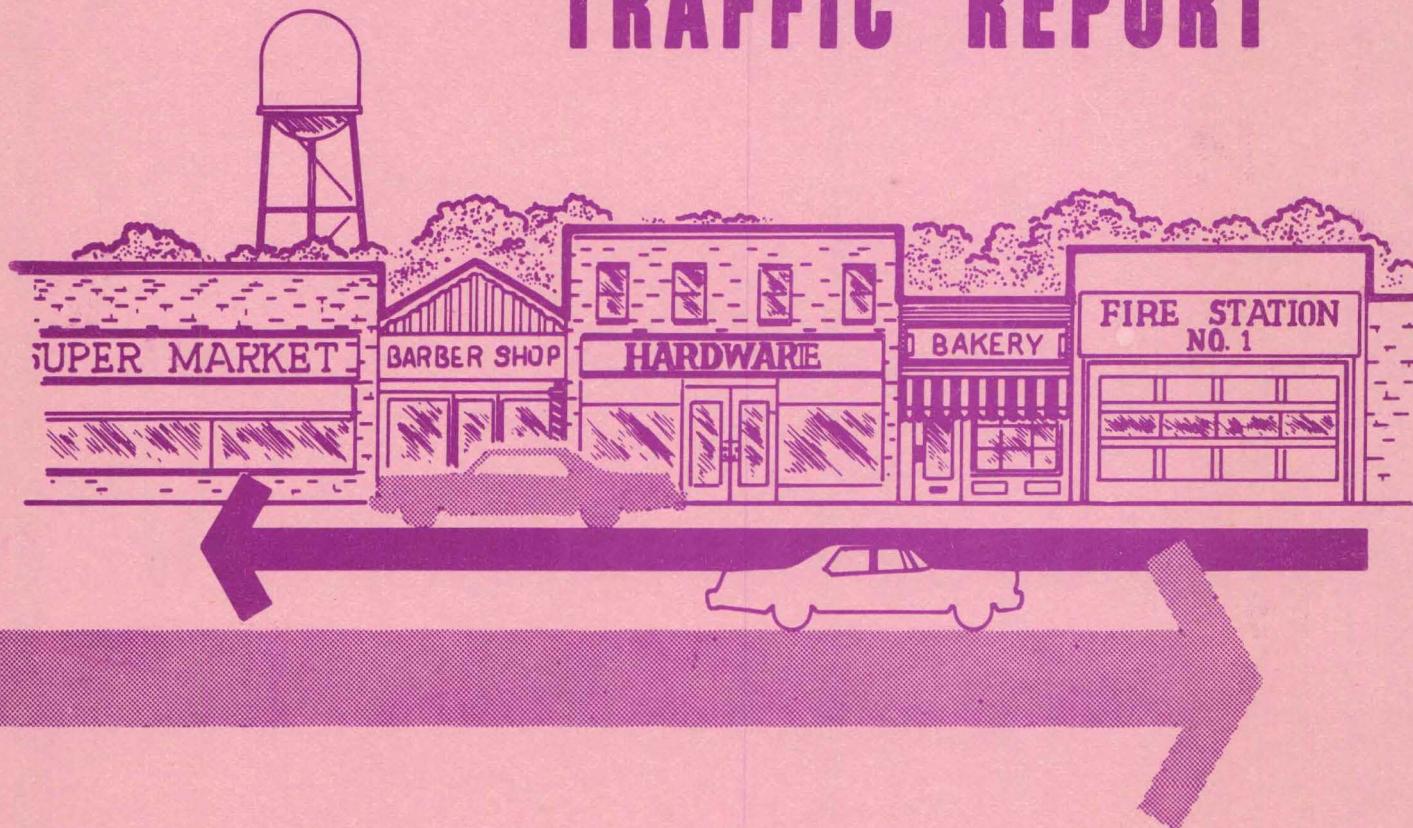


HE  
370  
.075  
A43  
1970

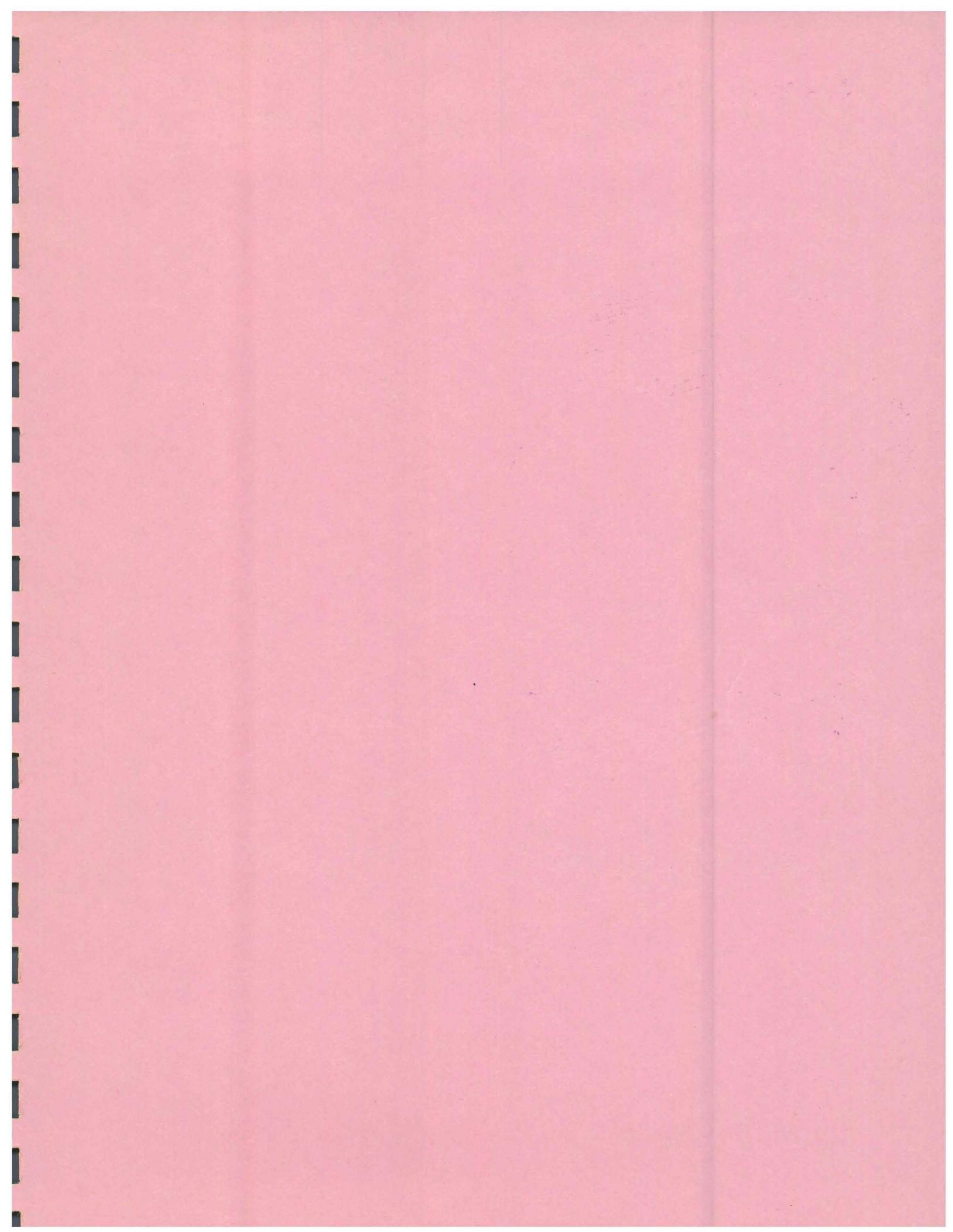
# ALBIA

ORIGIN and  
DESTINATION

TRAFFIC REPORT



IOWA  
JULY 1969

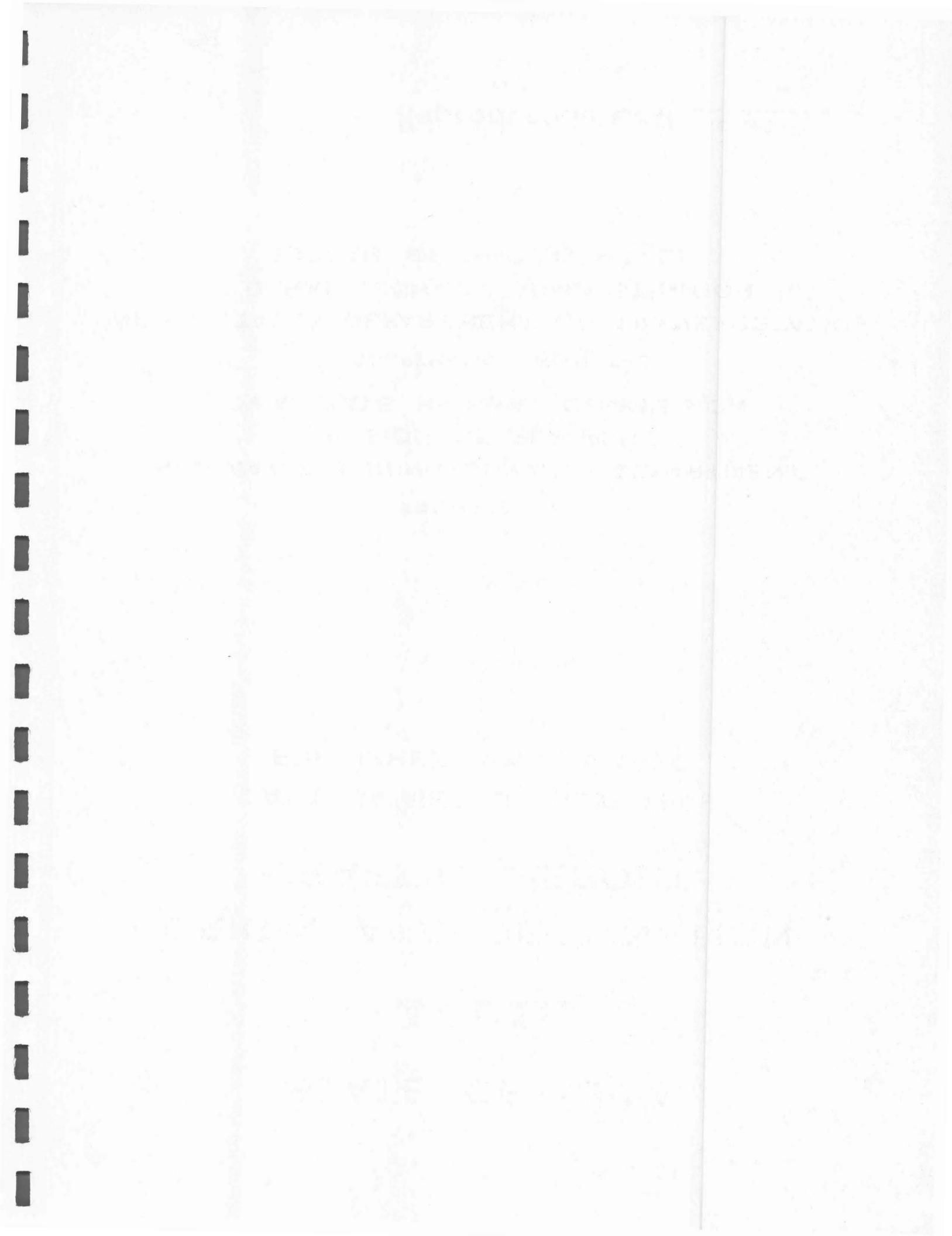


STATE OF IOWA  
ALBIA  
ORIGIN AND DESTINATION  
TRAFFIC REPORT

DATA GATHERED JULY 1969  
PUBLISHED MARCH 1970

PREPARED BY  
HIGHWAY PLANNING SURVEYS DEPARTMENT  
DIVISION OF PLANNING  
IOWA STATE HIGHWAY COMMISSION  
IN COOPERATION WITH THE  
UNITED STATES DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION  
BUREAU OF PUBLIC ROADS

Reproduction Cost \$3.85



## INTRODUCTION

This report is based on an external origin and destination traffic survey that was made in Albia in July of 1969. The survey was conducted in cooperation with the United States Bureau of Public Roads and was made to determine the total number and type of vehicles entering or leaving the study area, along with specific origin-destination data from a representative sample of vehicle operators.

The purpose of this report is to summarize the data gathered in Albia and to present this data in a manner which will implement the determination of traffic needs and thereby provide a sound basis for street and highway planning.

## TABLE OF CONTENTS

	Page
<b>LIST OF ILLUSTRATIONS . . . . .</b>	vi
<b>LIST OF TABLES . . . . .</b>	vii
<b>DEFINITIONS . . . . .</b>	viii
<b>PART ONE SIGNIFICANT FACTS</b>	
Distribution of Trips . . . . .	2
Summary . . . . .	3
Regional Influence of the Study Area . . . . .	4
Vehicle Type Summary . . . . .	6
<b>PART TWO HISTORY AND DEVELOPMENT</b>	
History . . . . .	9
Population Trends . . . . .	10
Motor Vehicle Registration . . . . .	12
Study Area Position . . . . .	14
<b>PART THREE SURVEY PROCEDURES</b>	
The Survey . . . . .	16
Tract Map of the Study Area . . . . .	18
<b>PART FOUR TRAFFIC MOVEMENTS</b>	
Internal Dispersion of All Vehicular Trips Passing Through the Following Interview Stations:	
701, Iowa 137 North . . . . .	21
705, Old U.S. 34 East . . . . .	22
707, U.S. 34 East . . . . .	23
708, County Road H-47 Southeast . . . . .	24
709, Local Road South . . . . .	25
711, Iowa 5 South . . . . .	26
712, U.S. 34 West . . . . .	27
713, Old U.S. 34 West . . . . .	28
715, Iowa 5 Northwest . . . . .	29
Desire Lines of Travel of Trips to or from External Entrances of the Study Area and ...	
The Central Business District . . . . .	31
Other External Entrances . . . . .	31
Internal Tracts . . . . .	31

	Page
Summary of Trips Entering or Leaving the Study Area. . . . .	33
Dispersion of External Trips Between the Study Area and Points in Iowa Beyond Monroe County. . . . .	34
Dispersion of External Trips Between the Study Area and Points Within Monroe County. . . . .	35
Traffic Volumes on Rural Primary Highways in Monroe County . . . . .	36
Traffic Volumes on Primary Road Extensions and Major Streets in the Albia Study Area. . . . .	37
<b>PART FIVE APPENDIX</b>	
Trip Purpose of External Trips . . . . .	40
Average Car Occupancy by Trip Purpose. . . . .	41
Origin and Destination of Trips by Autos, Trucks, Taxis, and Buses. . . . .	42
Origin and/or Destination of Trips by Autos, Trucks, Taxis and Buses. . . . .	45

## LIST OF ILLUSTRATIONS

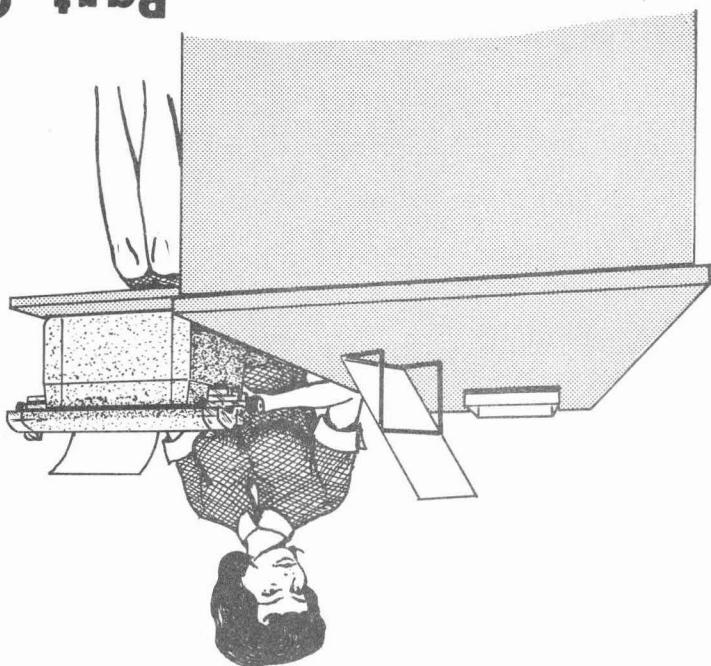
Figure		Page
1-1	Distribution of Trips. . . . .	2
1-2	Regional Influence of the Albia Study Area . . .	4
2-1	Population Trends. . . . .	11
2-2	Motor Vehicle Registration in Monroe County. . .	13
2-3	Study Area Position. . . . .	14
3-1	Tract Map of the Study Area. . . . .	18
Internal Dispersion of All Vehicular Trips Passing Through the Following Interview Stations:		
4-1	701, Iowa 137 North. . . . .	21
4-2	705, Old U.S. 34 East. . . . .	22
4-3	707, U.S. 34 East. . . . .	23
4-4	708, County Road H-47 Southeast. . . . .	24
4-5	709, Local Road South. . . . .	25
4-6	711, Iowa 5 South. . . . .	26
4-7	712, U.S. 34 West. . . . .	27
4-8	713, Old U.S. 34 West. . . . .	28
4-9	715, Iowa 5 Northwest. . . . .	29
Desire Lines of Travel of Trips to or from External Entrances of the Study Area and...		
4-10	The Central Business District . . . . .	31
4-11	Other External Entrances . . . . .	31
4-12	Internal Tracts . . . . .	31
4-13	Dispersion of External Trips Between the Albia Study Area and Points in Iowa Beyond Monroe County. . . . .	34
4-14	Dispersion of External Trips Between the Albia Study Area and Points Within Monroe County. . .	35
4-15	Traffic Volumes on Rural Primary Highways in Monroe County. . . . .	36
4-16	Traffic Volumes on Primary Road Extensions and Major Streets in the Albia Study Area . . . . .	37

## LIST OF TABLES

Table	Page
1-1 Regional Influence of the Study Area. . . . .	5
1-2 Vehicle Type Summary. . . . . . . . . . . . .	6
2-1 Population Trends in Albia. . . . . . . . . . .	10
2-2 Population Trends in Monroe County. . . . . .	10
2-3 Motor Vehicle Registration in Monroe County..	12
4-1 Summary of External Trips . . . . . . . . . . .	33
B-2a Trip Purpose of External Trips. . . . . . . . .	40
B-3a Average Car Occupancy by Trip Purpose . . . .	41
E-1 Origin and Destination of Trips by Autos, Trucks, Taxis and Buses. . . . . . . . . . . . .	42
E-2 Origin and/or Destination of Trips by Autos, Trucks, Taxis and Buses. . . . . . . . . . . . .	45

## DEFINITIONS OF TECHNICAL TERMS

Study Area	The area enclosed by a cordon line of interview stations
Cordon Line	A hypothetical line determined by the location of traffic interview stations and used to delimit the area under study
Interview Station	A location at which vehicle drivers are stopped and interviewed
Code Station	A location on a street or highway at the point where it crosses the cordon line and at which traffic is counted but not interviewed
Central Business District	The major business district of a city
Origin	The location from which a driver started a trip
Destination	The location at which a trip was ended
Trip	The one-way travel between a point of origin and a point of destination
Internal Trip	A trip having both origin and destination within the study area
External Local Trip	A trip having either origin or destination within the study area and which passed through only one interview station in the cordon line enroute to its destination
External Through Trip	A trip having neither origin nor destination within the study area but which passes through it enroute to its destination
Traffic	The total number of vehicles passing a given point
Desire Line	A straight line between the point of origin and point of destination without regard to routes of travel



# Silicate Fact

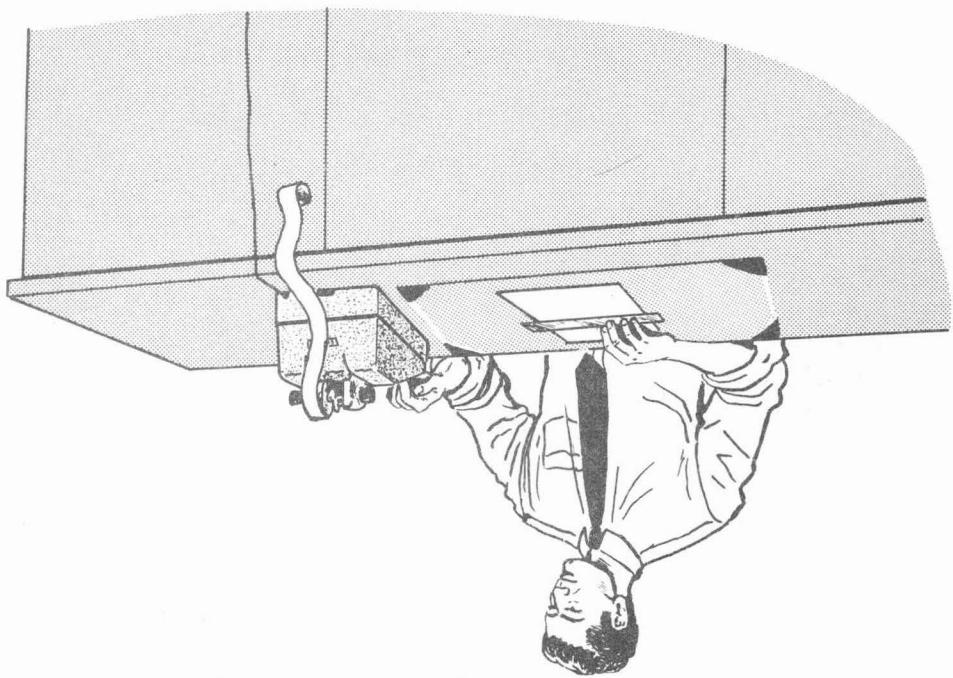
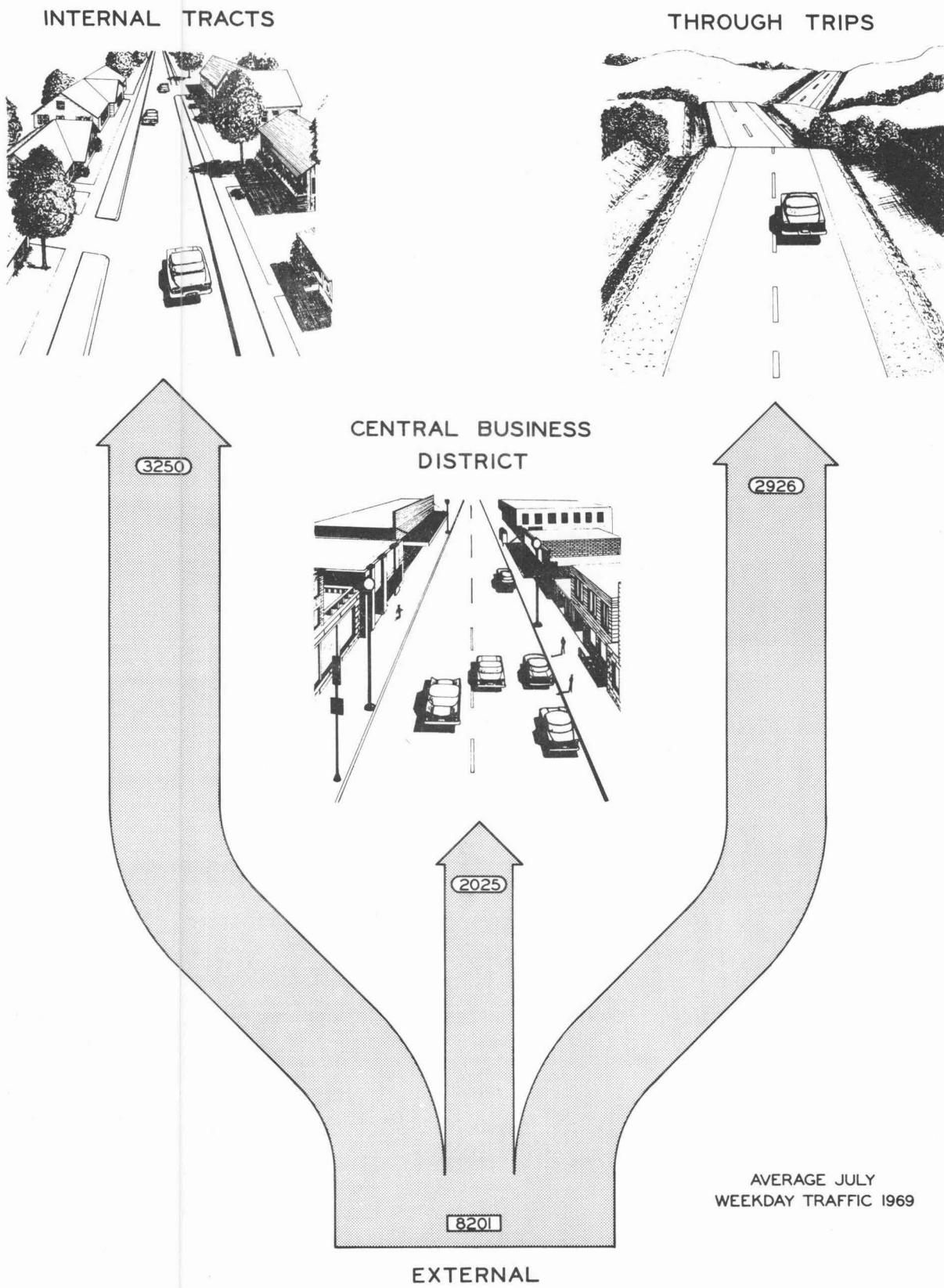


FIGURE I-1  
DISTRIBUTION OF TRIPS  
ALBIA STUDY AREA



## SUMMARY

The chart at left graphically illustrates some of the more significant traffic volumes derived from the Albia origin and destination traffic survey. An average of 8,201 trips per day passed through the external cordon line of interview stations surrounding the study area during the survey period.

2,025 trips or 24.69 percent of the total number of trips were between external areas and the central business district.

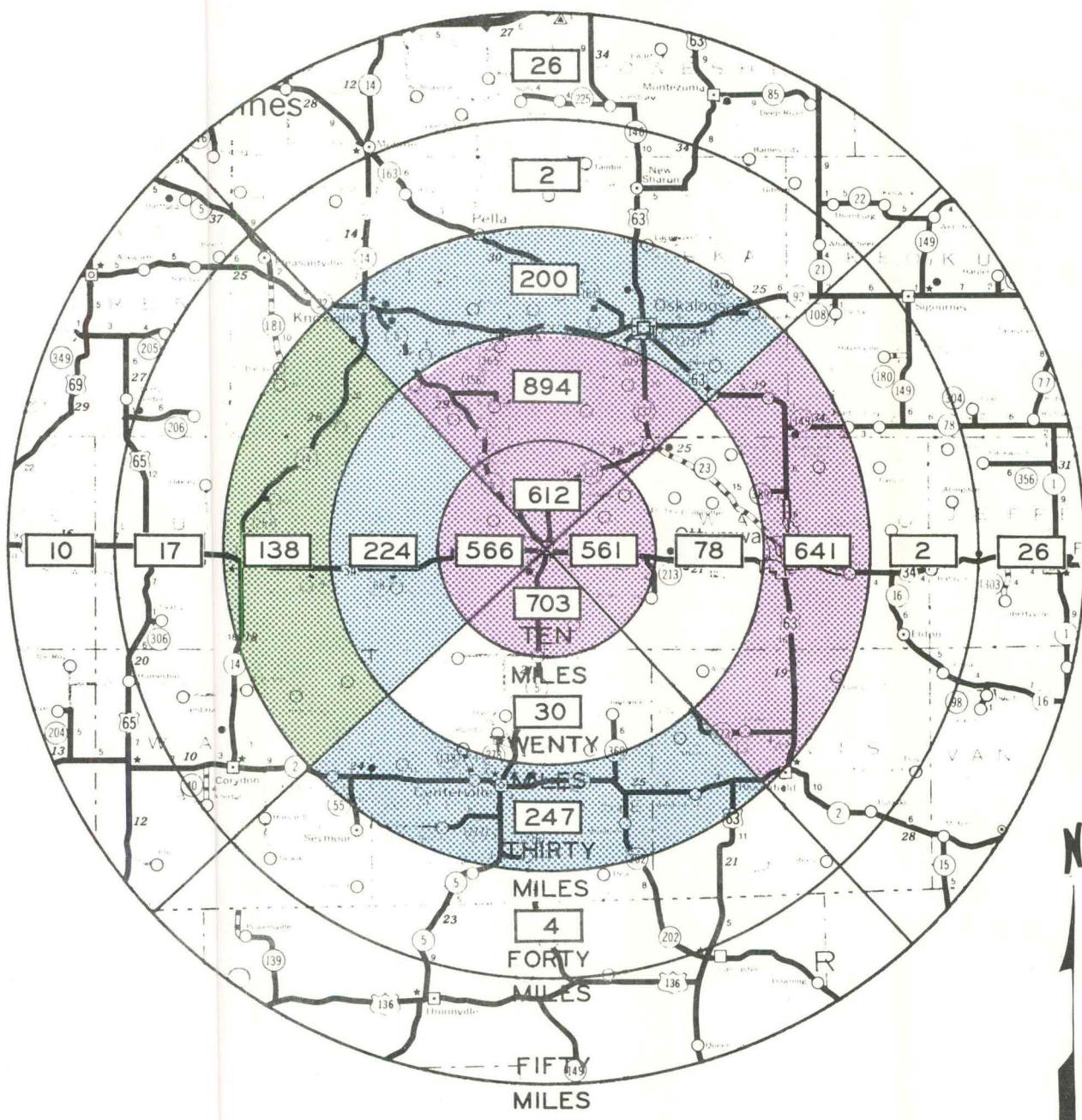
3,250 trips or 39.63 percent of the total number of trips were between external and internal areas exclusive of the central business district.

2,926 trips or 35.68 percent of the total number of trips were through trips which passed through Albia enroute to another destination.

Of the total number of trips which passed through interview stations, 16.64 percent began or ended at work, 29.57 percent were for social or recreational purposes, 21.52 percent were during work, 8.32 percent were for personal business, 17.29 percent were for shopping, and the remaining 6.66 percent were for other purposes.

# FIGURE I-2

## REGIONAL INFLUENCE OF THE ALBIA STUDY AREA



1

0 TO 100 TRIPS

1

## 100 TO 200 TRIPS

## 200 TO 400 TRIPS

## 400 AND OVER

1969 AVERAGE JULY  
WEEKDAY TRAFFIC

Table 1-1  
REGIONAL INFLUENCE OF THE ALBIA STUDY AREA

1969 Average July Weekday Traffic

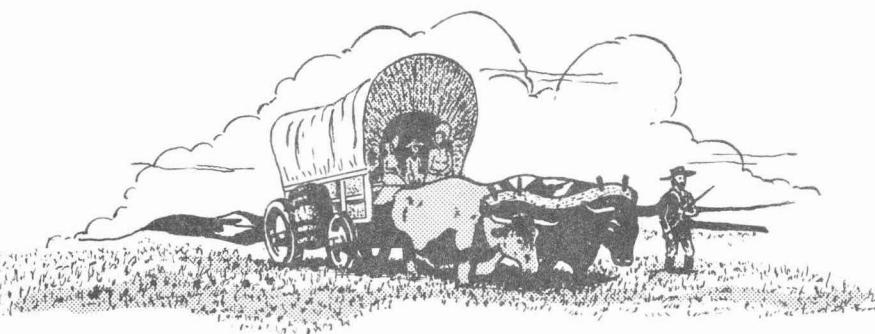
Miles From Study Area	Number of Trips	Percent of Total Trips Within a Fifty-Mile Radius
North	0 - 10	612
	10 - 20	894
	20 - 30	200
	30 - 40	2
	40 - 50	26
	North Total	1,734
East	0 - 10	561
	10 - 20	78
	20 - 30	641
	30 - 40	2
	40 - 50	26
	East Total	1,308
West	0 - 10	566
	10 - 20	224
	20 - 30	138
	30 - 40	17
	40 - 50	10
	West Total	955
South	0 - 10	703
	10 - 20	30
	20 - 30	247
	30 - 40	4
	40 - 50	--
	South Total	984
<b>Grand Total</b>		<b>100.00</b>

TABLE 1-2  
VEHICLE TYPE SUMMARY  
ALBIA STUDY AREA

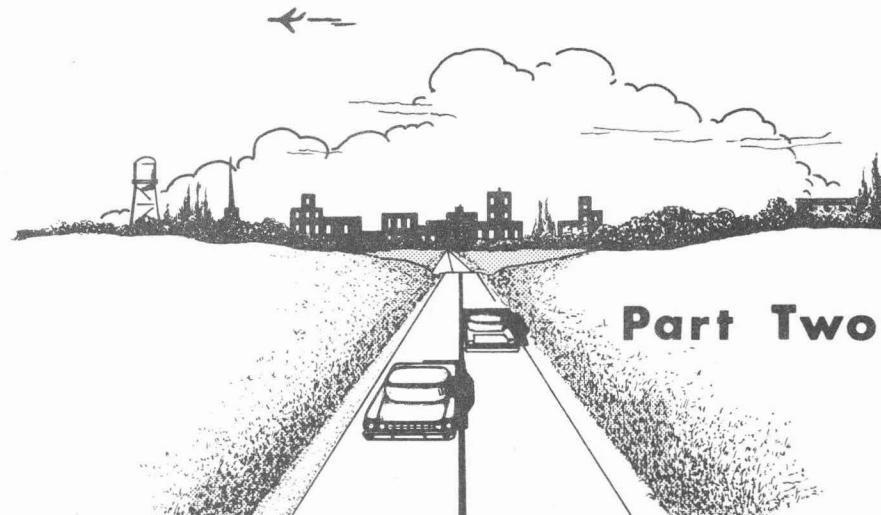
1969 AVERAGE JULY WEEKDAY TRAFFIC

Station	Location	Passenger Cars	Pickups and Panels	Single Unit Trucks	Truck Combinations	Total
701	Iowa 137 North	729	164	99	51	1,043
705	County Road H-35 (Old 34) East	295	51	6	1	353
707	U.S. 34 East	1,841	283	176	147	2,447
708	County Road H-47 East	179	48	9		236
709	County Road T-35 South	163	31	8		202
711	Iowa 5 South	1,640	295	139	83	2,157
712	U.S. 34 West	1,144	194	164	149	1,651
713	County Road H-35 (Old 34) West	210	40	21		271
715	Iowa 5 South	2,211	321	132	94	2,758
Grand Total		8,412	1,427	754	525	11,118

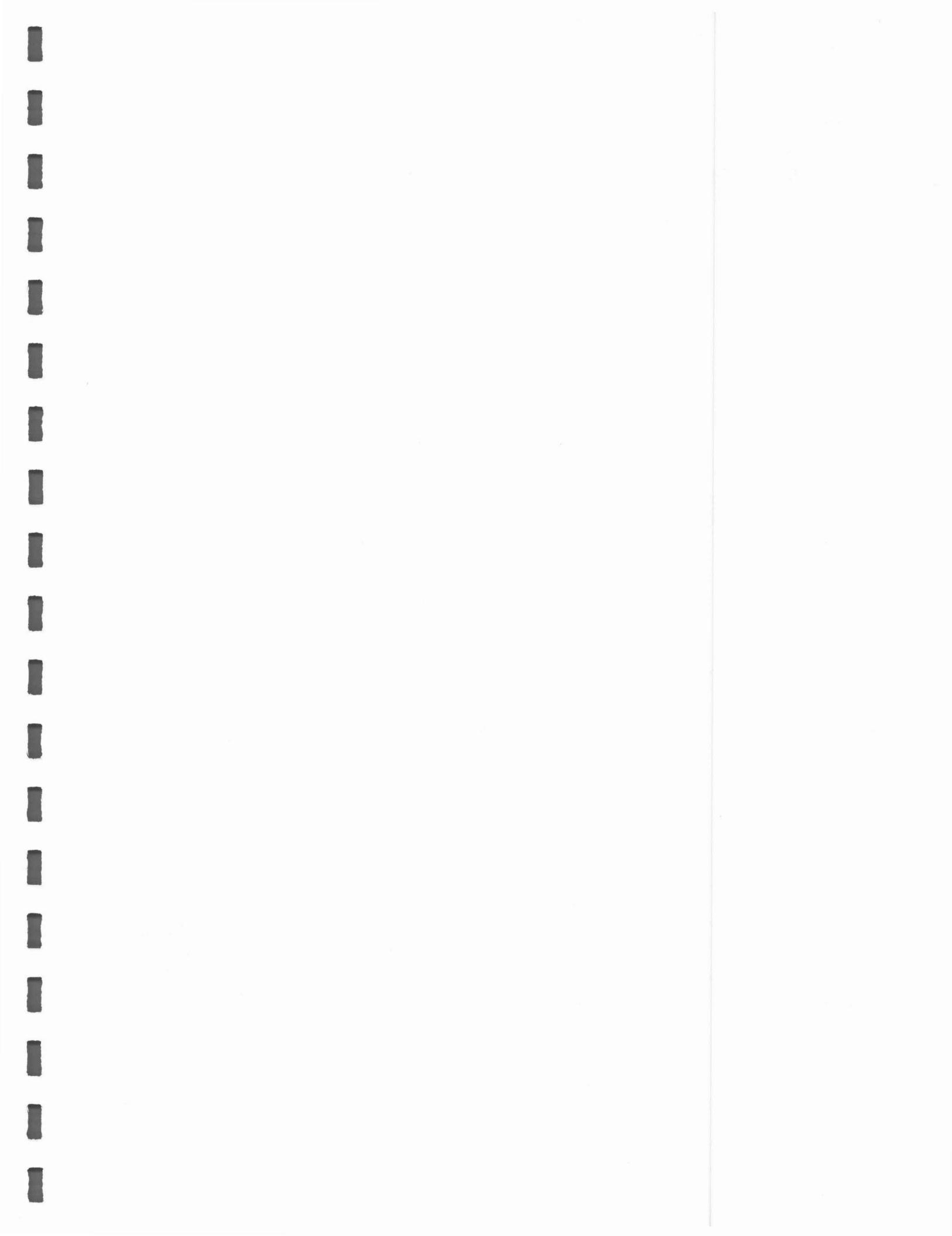
The totals shown above include the duplication of those trips which passed entirely through the study area and were, therefore, interviewed twice.



# *History and Development*



**Part Two**



## HISTORY

Albia, county seat of Monroe County, began its existence as Princeton, county seat of Kishkekosh County.

Kishkekosh County, named for a Fox Indian Chief, was organized in 1845. The county seat, Princeton, was laid out on land surveyed by John Massey. Residents of Kishkekosh County voted, in 1846, to change the name to Monroe County in honor of President James Monroe. They also voted to make Princeton the permanent county seat, but they changed the name to Albia. Albia is a name of Celtic origin and means "high flat plateau."

Albia was officially incorporated in 1859. The population at that time was approximately 600 people. In 1876, Albia was incorporated as a city of the second class, with population numbering over 2,000 people.

Coal was discovered near Avery Creek in 1861. Mining soon became a major factor in the Monroe County economy. By 1906 Monroe County coal production was greater than that of any other county in Iowa. Production of coal reached its highest level in 1917, but declined as other sources of power became available.

A \$10,000 grant from Andrew Carnegie enabled the citizens of Albia to build and furnish the Albia Public Library in 1906. In 1930 the library was enlarged to its present size.

Manufacturing has long been an important part of Albia's economy. The items produced by Albia firms include concrete blocks, archery equipment, aluminum doors, automatic mouse traps, feed, fryers, soft drinks, sheet metal products and burial vaults.

Albia's transportation needs are served by three railroads and three primary highways. The railroads, the Chicago Northwestern, the Chicago Burlington and Quincy, and the Wabash, provide freight service only. U.S. Highway 34 provides access to points in Iowa and the rest of the country to the east and west. Iowa Highway 5 connects Albia to Centerville to the south and Des Moines to the north. Iowa 137 connects Albia to Eddyville and Oskaloosa.

POPULATION TRENDS

ALBIA POPULATION

Table 2-1

Census Year	Albia Population	Volume Increase or Decrease	Percent Change 10-Year Period
1900	2,889	--	--
1910	4,969	2,080	72.00
1920	5,067	98	1.97
1930	4,425	-642	-12.67
1940	5,157	732	16.54
1950	4,838	-319	- 6.19
1960	4,582	-256	- 5.29

MONROE COUNTY POPULATION

Table 2-2

Census Year	Monroe Co. Population	Volume Increase or Decrease	Percent Change 10-Year Period
1850	2,884	--	--
1860	8,612	5,728	198.61
1870	12,724	4,112	47.75
1880	13,719	995	7.82
1890	13,666	- 53	- .39
1900	17,985	4,319	31.60
1910	25,429	7,444	41.39
1920	23,467	-1,962	- 7.72
1930	15,010	-8,457	-36.04
1940	14,553	- 457	- 3.04
1950	11,814	-2,739	-18.82
1960	10,463	-1,351	-11.44

Figure 2-1  
POPULATION TRENDS

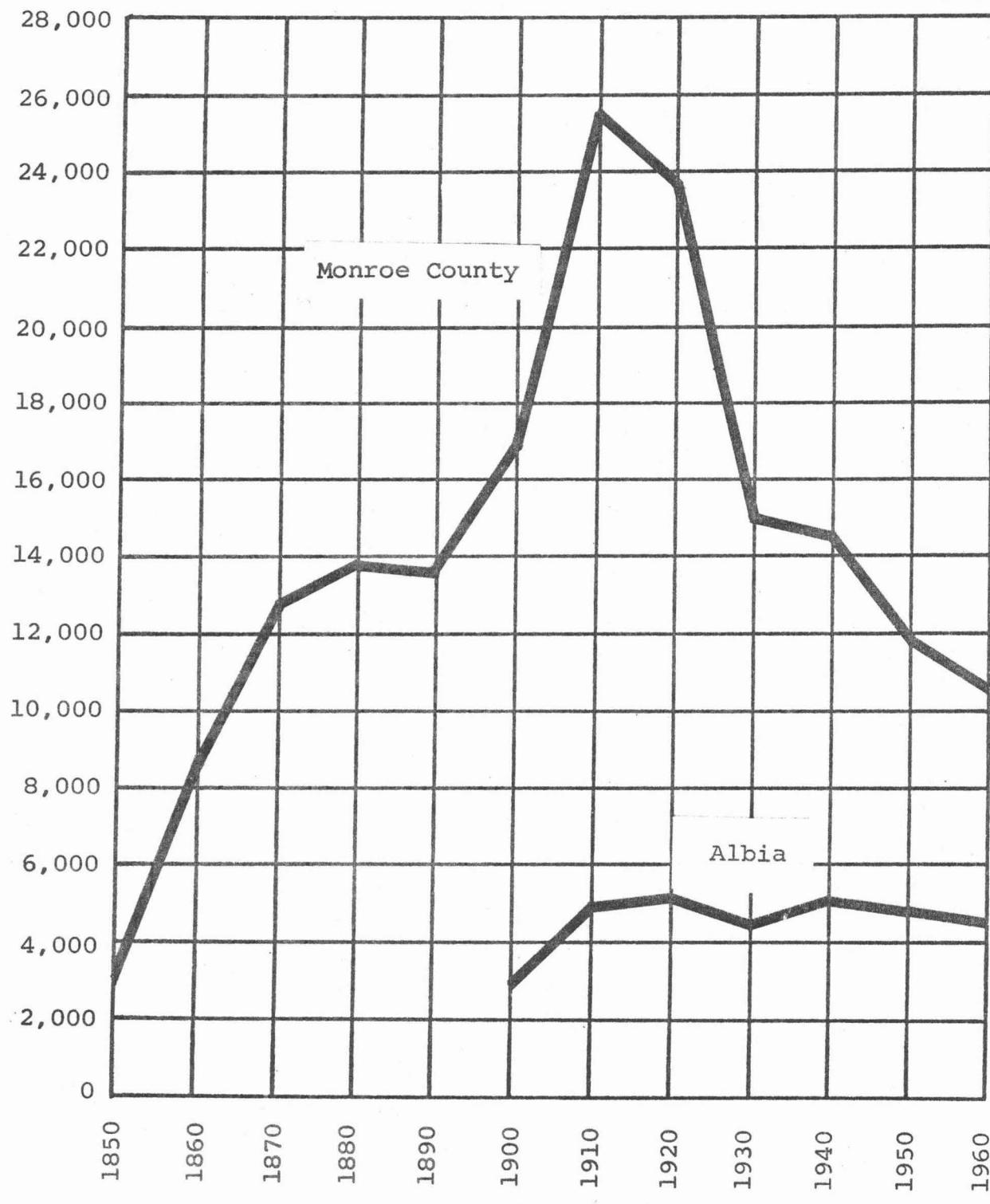


Table 2-3

MOTOR VEHICLE REGISTRATION IN MONROE COUNTY  
FROM 1939 THROUGH 1969

Year	Autos	Trucks	Motorcycles	Total	Percent Change
1939	3,064	402	1	3,467	--
1940	3,097	440	4	3,541	2.13
1941	3,132	460	5	3,597	1.58
1942	2,878	418	8	3,304	-8.15
1943	2,752	399	9	3,160	-4.36
1944	2,695	413	5	3,113	-1.49
1945	2,635	417	5	3,057	-1.80
1946	2,733	471	15	3,219	5.30
1947	2,822	549	21	3,392	5.37
1948	3,013	638	29	3,680	8.49
1949	3,242	728	32	4,002	8.75
1950	3,547	721	15	4,283	7.02
1951	3,663	736	14	4,413	3.04
1952	3,573	688	17	4,278	-3.06
1953	3,696	720	22	4,438	3.74
1954	3,643	728	22	4,393	-1.01
1955	3,844	762	22	4,628	5.35
1956	3,701	807	26	4,534	-2.03
1957	3,725	832	26	4,583	1.08
1958	3,719	870	25	4,614	.68
1959	3,923	899	32	4,854	5.20
1960	3,987	897	31	4,915	1.26
1961	3,930	915	38	4,883	- .65
1962	3,958	929	37	4,924	.84
1963	3,972	946	26	4,944	.41
1964	4,015	1,018	23	5,056	2.27
1965	4,070	1,077	38	5,185	2.55
1966	4,121	1,172	42	5,335	2.89
1967	4,103	1,234	65	5,402	1.26
1968	4,235	1,306	72	5,613	3.91
1969	4,255	1,384	99	5,738	2.23

Figure 2-2

MOTOR VEHICLE REGISTRATION IN MONROE COUNTY  
FROM 1939 THROUGH 1969

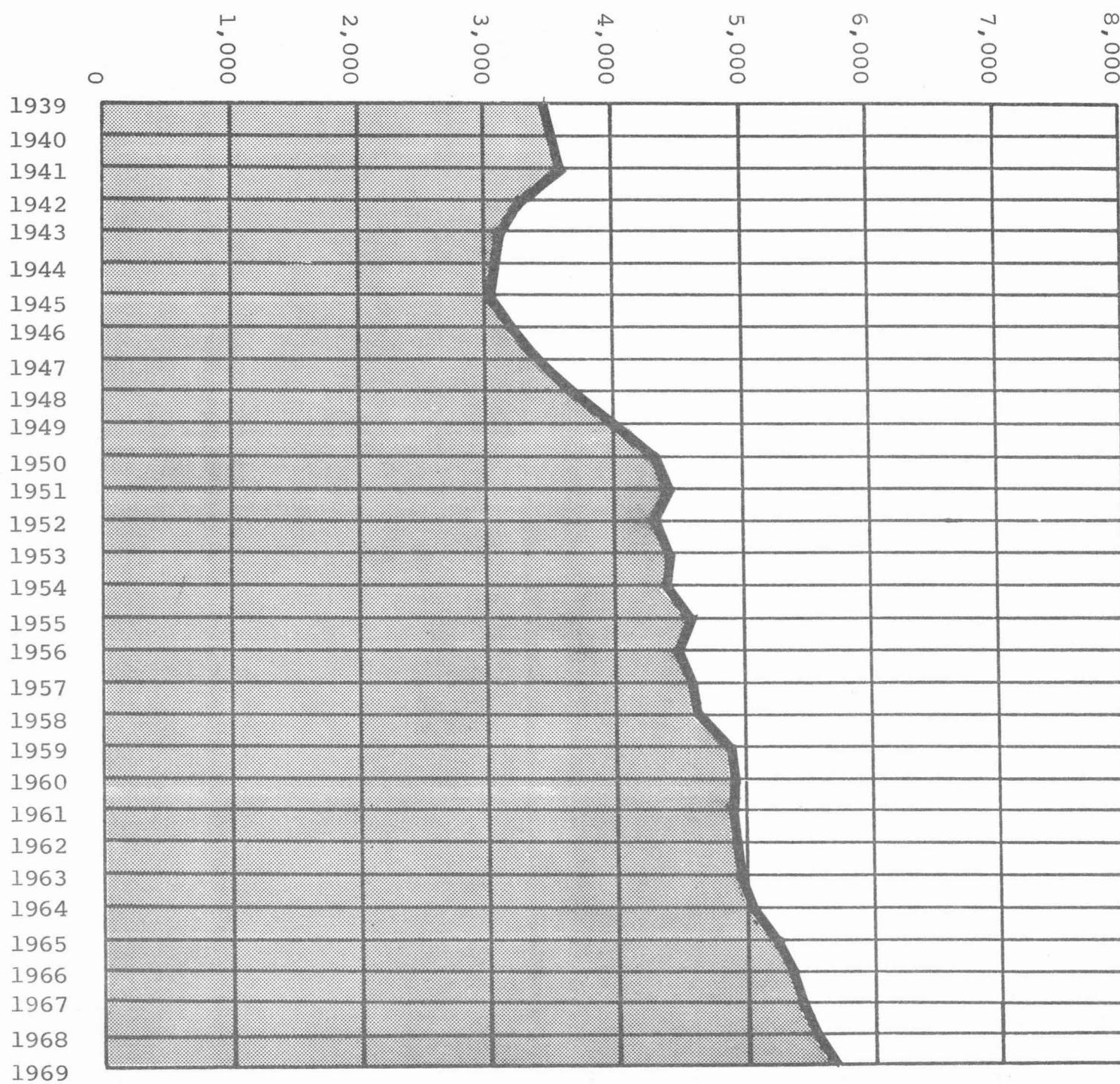
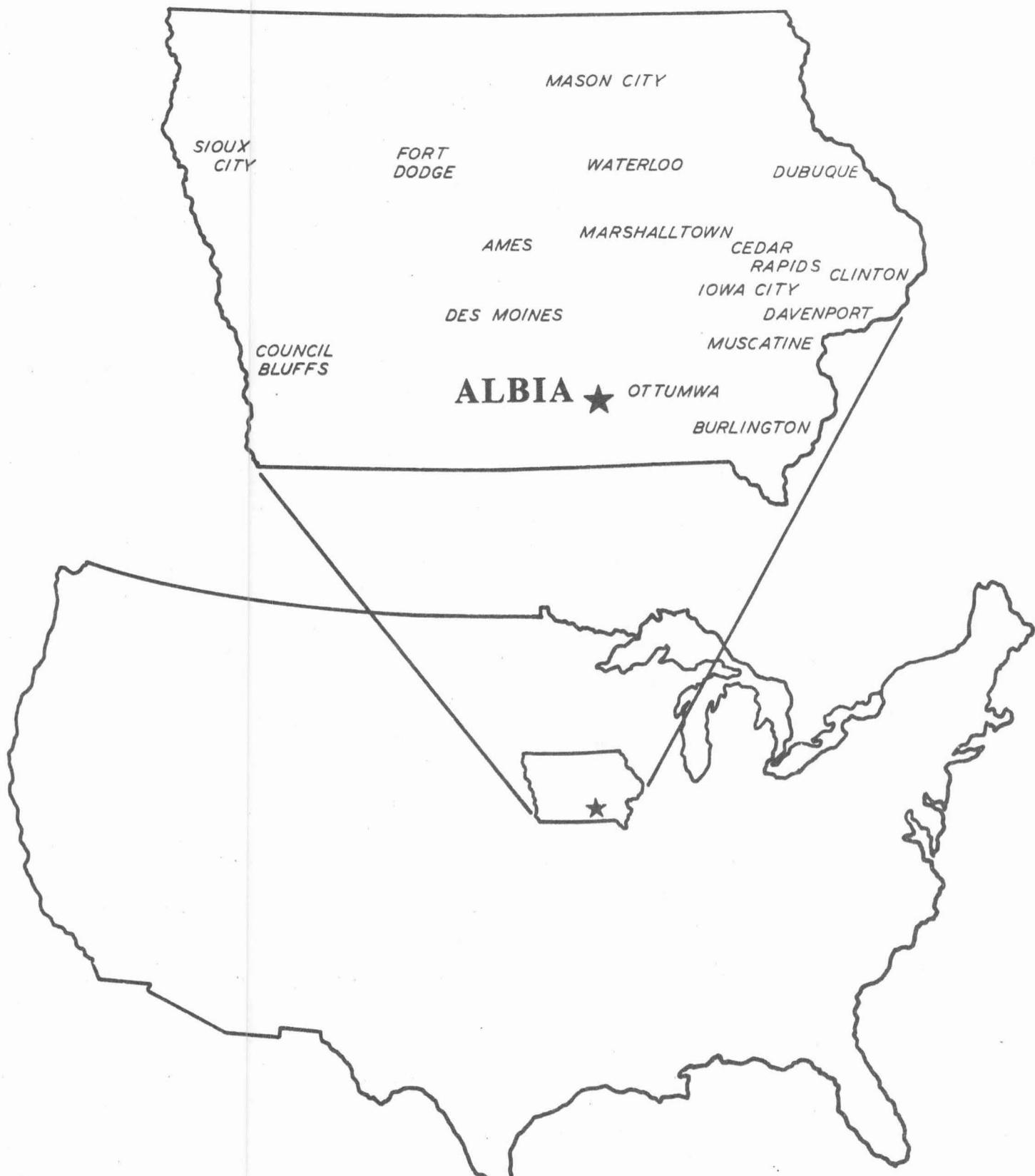
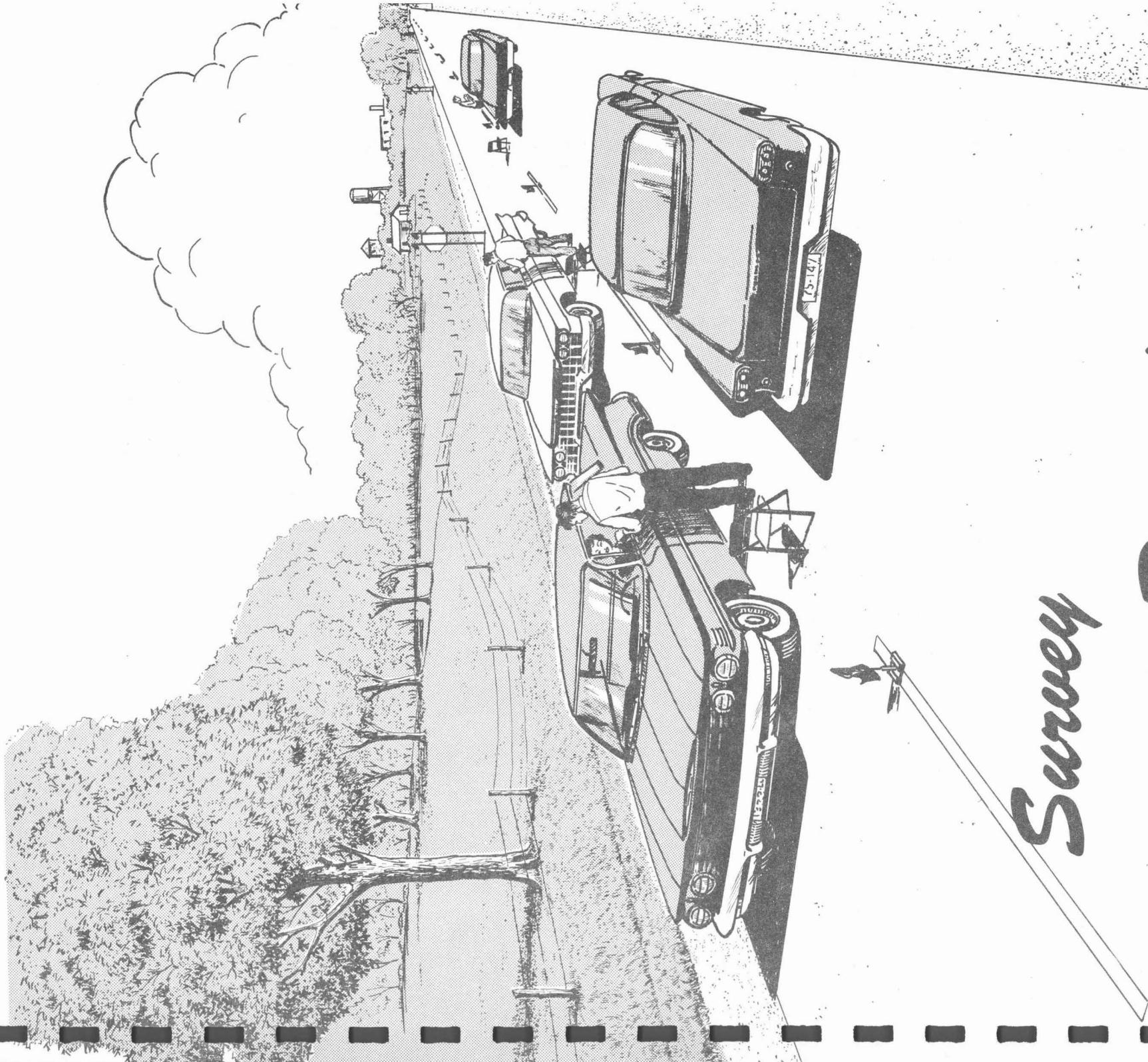


FIGURE 2-3

## STUDY AREA POSITION



# Survey Procedures



## THE SURVEY

An external origin and destination traffic survey, of the type conducted in Albia, is designed primarily to determine the origin, destination, and purpose of travel, along with the number and type of all vehicles entering or leaving the study area in a given period of time.

It has been demonstrated that travel is an expression of behavior and as such, tends to be repetitive. It is this repetition which enables the statistician and the highway planner to expand and project current data for the prediction of future needs.

In order to obtain accurate information upon which to base an analysis, it is necessary to interview vehicle drivers at strategically located interview stations. A cordon line composed of interview stations and code stations was located around the perimeter of the study area. Interview stations were located on all major roads entering the study area and all other roads were assigned station code numbers to facilitate the organization of interview data for those through trips which passed through only one interview station. The study area was divided into 11 tracts, and all trips which had either their origin or their destination within the study area were traced to one of these tracts.

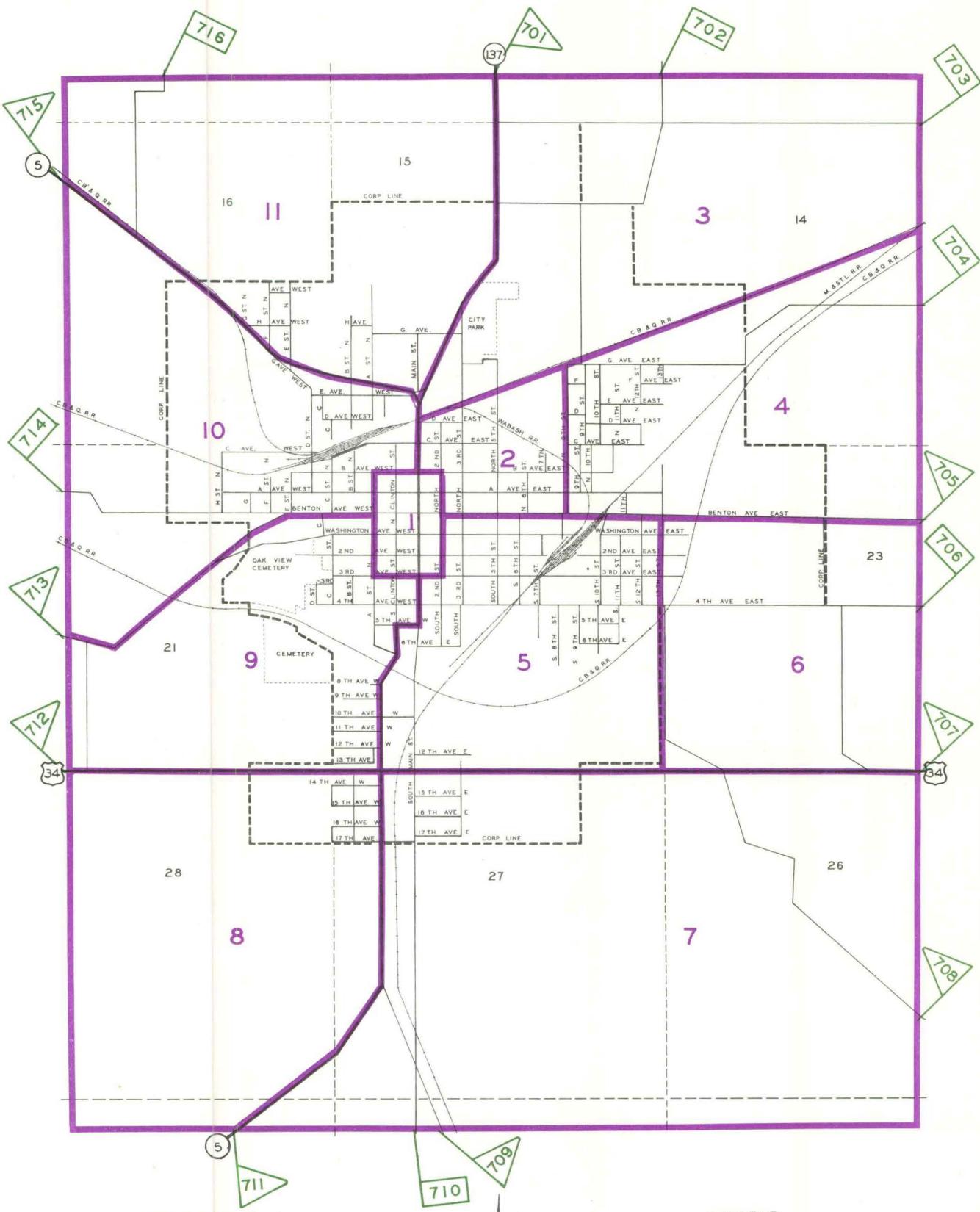
Interviewing for the Albia survey was done between July 7th and 14th in 1969. All vehicles passing through interview stations during a 15-hour period from 6 a.m. to 9 p.m. were stopped briefly for interviews in which vehicle operators were questioned concerning the origin, destination, and purpose of the trip in progress. In addition, the vehicle type was recorded along with the location where it was normally kept or garaged, the place of registration, direction of travel, and number of occupants.

Mechanical traffic recorders were placed at the location of each interview station and were operated continuously for a period of five weekdays, including the day on which the interviewing was done. Manual vehicle classification counts were also taken and, together with the data provided by the mechanical recorders, were used to expand the interview data to 24-hour average July weekday traffic for 1969.

At the conclusion of the field work, the data pertaining to each trip were coded and punched on tabulating cards. These cards were then sorted and tabulated by machine according to the tract of origin or destination and the station or stations through which each trip passed.

In an external survey of this type, all trips are placed in two main categories composed of "external local trips" and "external through trips". External local trips have only one terminal (which may be either the origin or destination) within the study area and, therefore, pass through only one interview station while enroute to their destination. Trips which must pass through it enroute to another destination, are classified as external through trips. Trips in this category must cross the cordon line at least twice while enroute to their destination.

Traffic flow charts indicating trip termini by tract of origin or destination are included in this report along with a series of desire line charts showing desired routes of travel in straight lines between interview stations and internal tracts.



**FIGURE 3-I  
TRACT MAP OF THE  
ALBIA STUDY AREA**

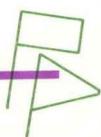
JULY 1969

## LEGEND

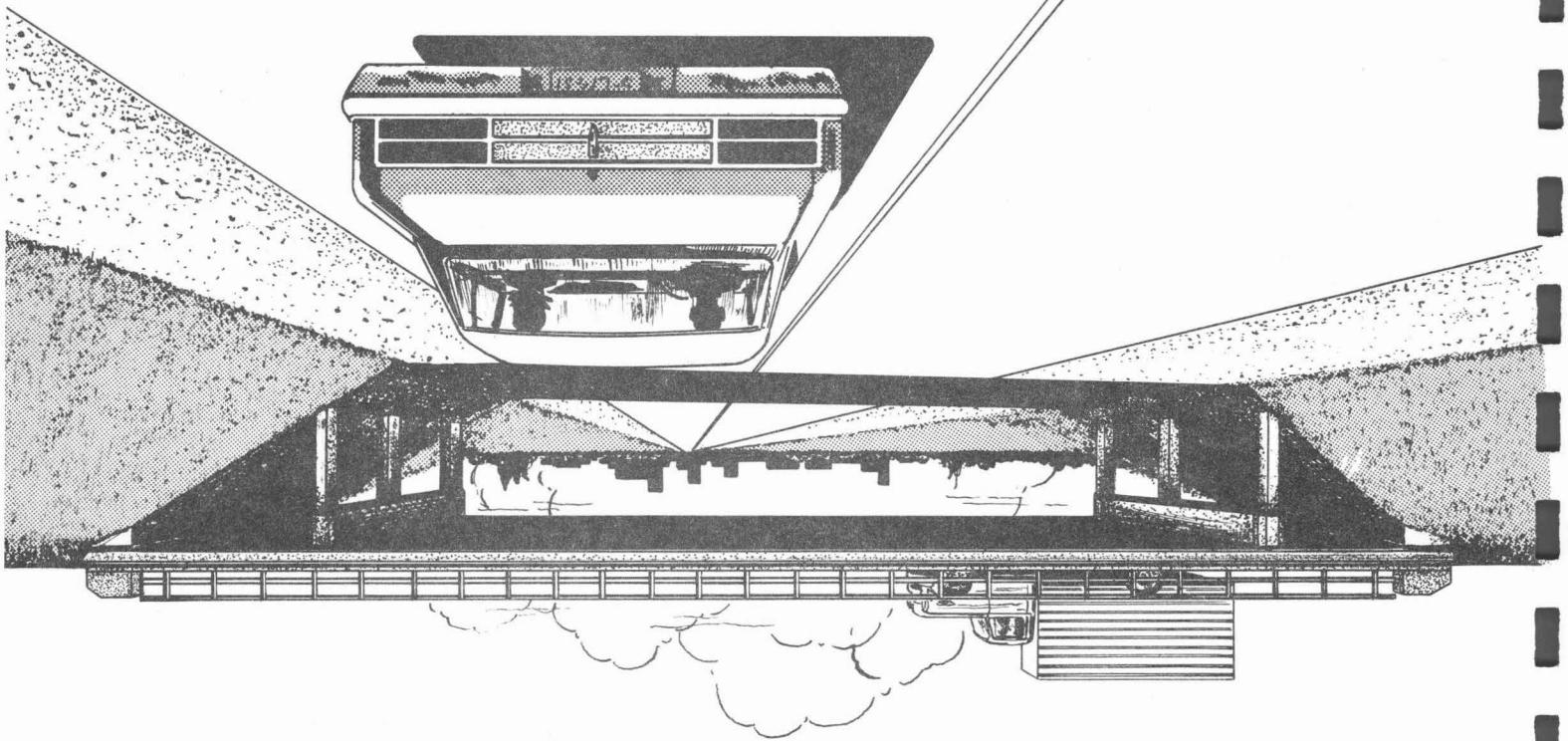
**TRACT NUMBER**

**TRACT BOUNDARY LINE**

**CODE STATION LOCATION--**



PART FOUR

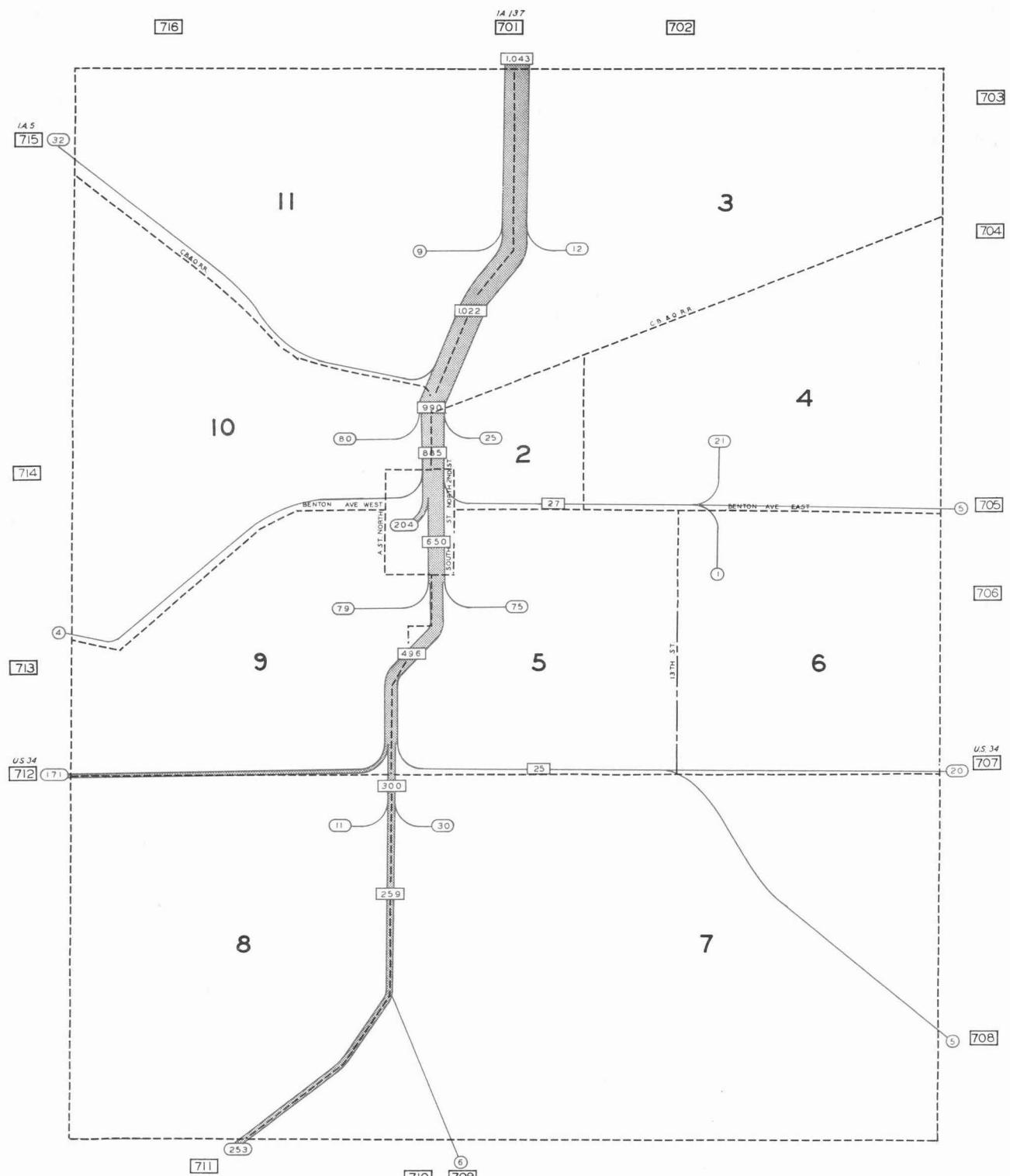


*Mouvement*

*L'Affiche*

#### TRAFFIC FLOW CHARTS

The following traffic flow charts illustrate the internal dispersion of trips between points of origin and/or destination through the stations indicated. These charts are not intended to show exact route, but rather to show trip volume by tract of origin or destination and the number of trips passing through each external interview station. Trip origins and destinations are not differentiated and the tract or station totals shown include both origins and destinations.



**LEGEND**

### GRAPHIC SCALE



1969 AVERAGE JULY  
WEEKDAY TRAFFIC

FIGURE 4-1  
INTERNAL DISPERSION OF  
ALL VEHICULAR TRIPS PASSING THROUGH  
STATION 701-IOWA 137 NORTH  
OF THE  
ALBIA STUDY AREA

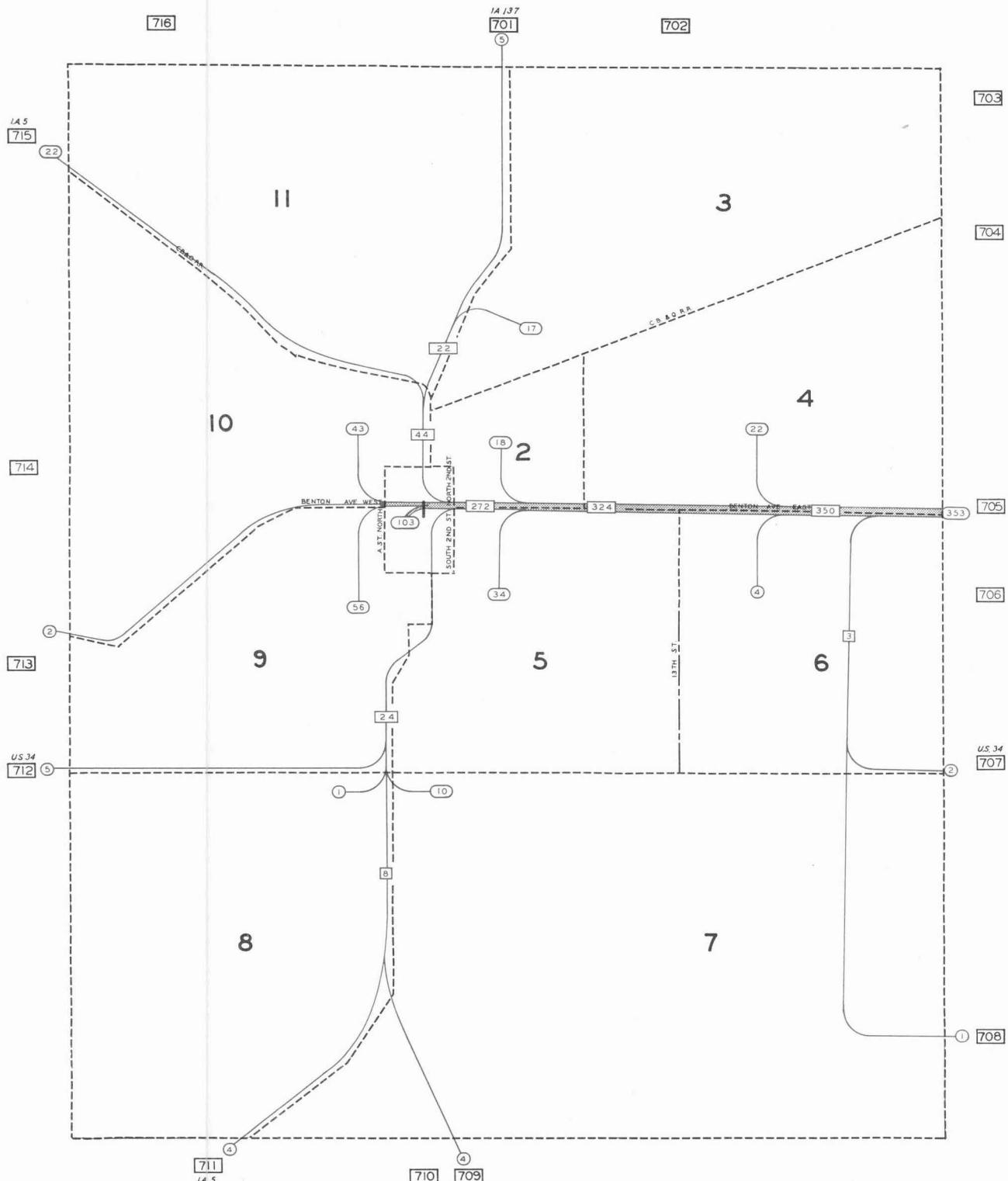
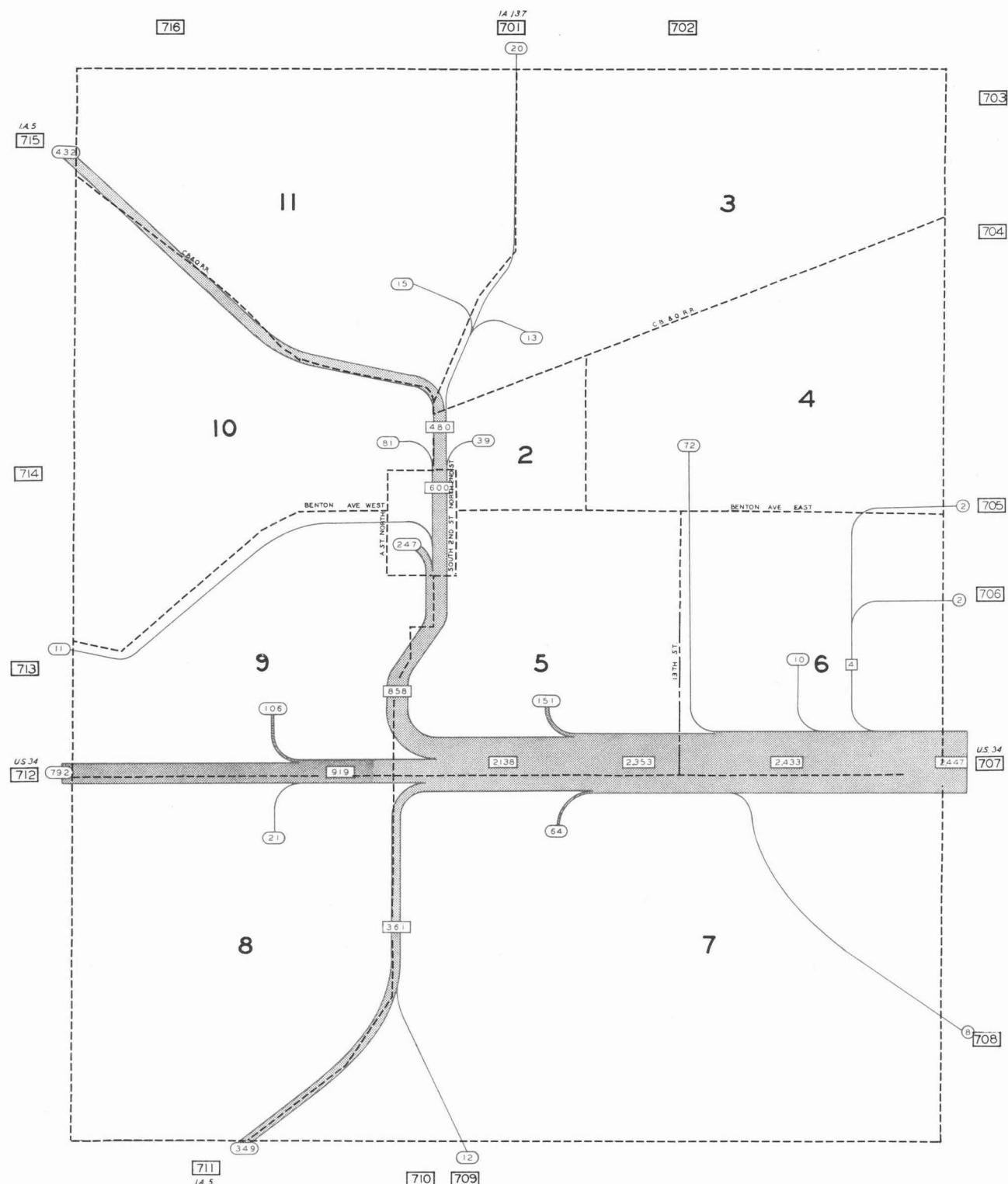


FIGURE 4-2  
INTERNAL DISPERSION OF  
ALL VEHICULAR TRIPS PASSING THROUGH  
STATION 705-OLD U.S. 34 EAST  
OF THE  
ALBIA STUDY AREA



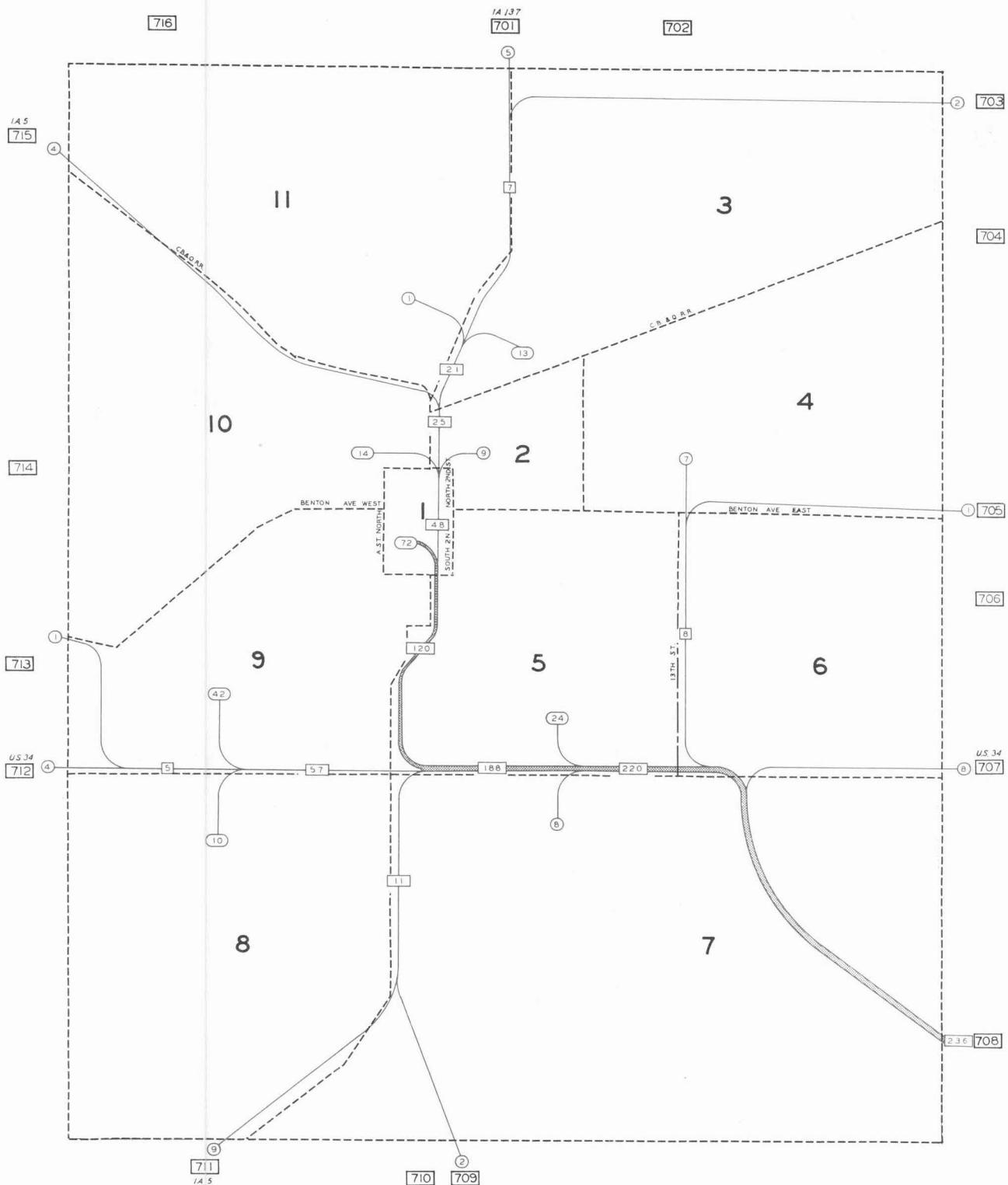
**LEGEND**

#### GRAPHIC SCALE

4000 TRIPS  
2000 TRIPS  
1000 TRIPS  
500 TRIPS

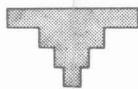
1969 AVERAGE JULY  
WEEKDAY TRAFFIC

**FIGURE 4-3**  
**INTERNAL DISPERSION OF**  
**ALL VEHICULAR TRIPS PASSING THROUGH**  
**STATION 707-US. 34 EAST**  
**OF THE**  
**ALBIA STUDY AREA**



**LEGEND**

### GRAPHIC SCALE



1969 AVERAGE JULY  
WEEKDAY TRAFFIC

FIGURE 4-4  
INTERNAL DISPERSION OF  
ALL VEHICULAR TRIPS PASSING THROUGH  
STATION 708 COUNTY ROAD H-47  
OF THE  
ALBIA STUDY AREA

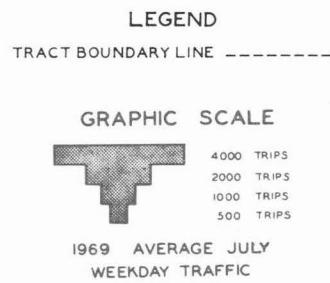
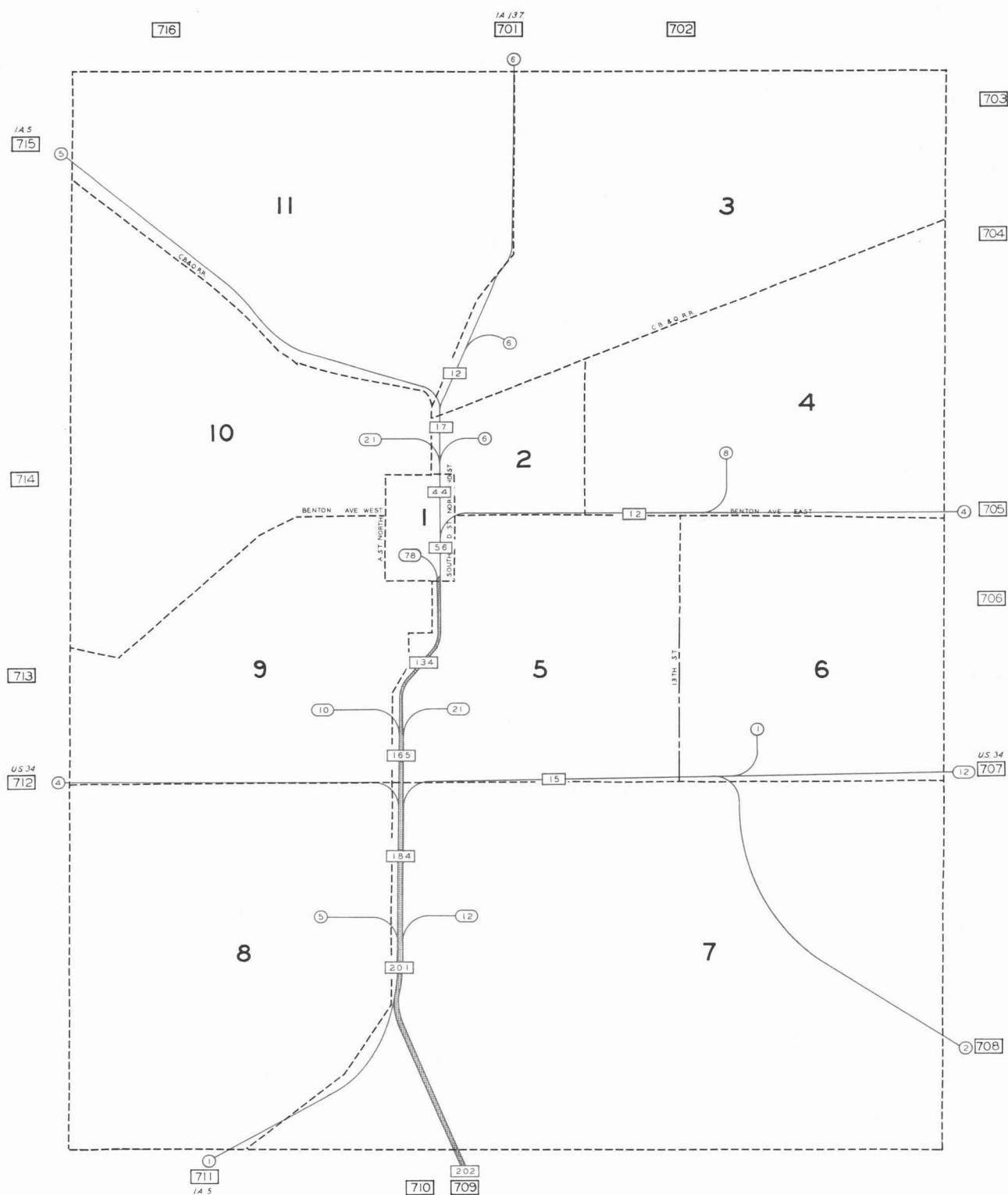
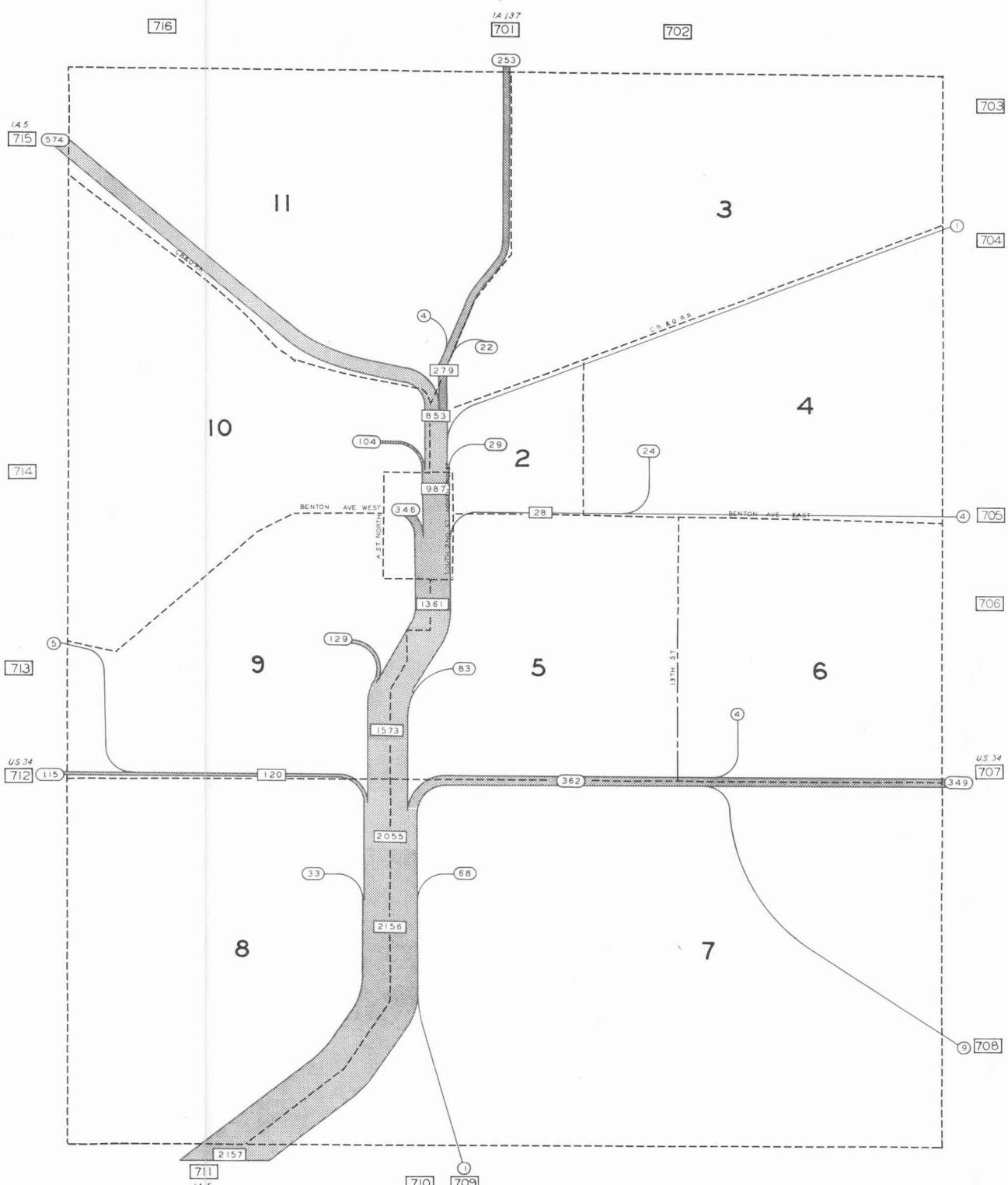


FIGURE 4-5  
INTERNAL DISPERSION OF  
ALL VEHICULAR TRIPS PASSING THROUGH  
STATION 709-LOCAL ROAD SOUTH  
OF THE  
ALBIA STUDY AREA



**LEGEND**

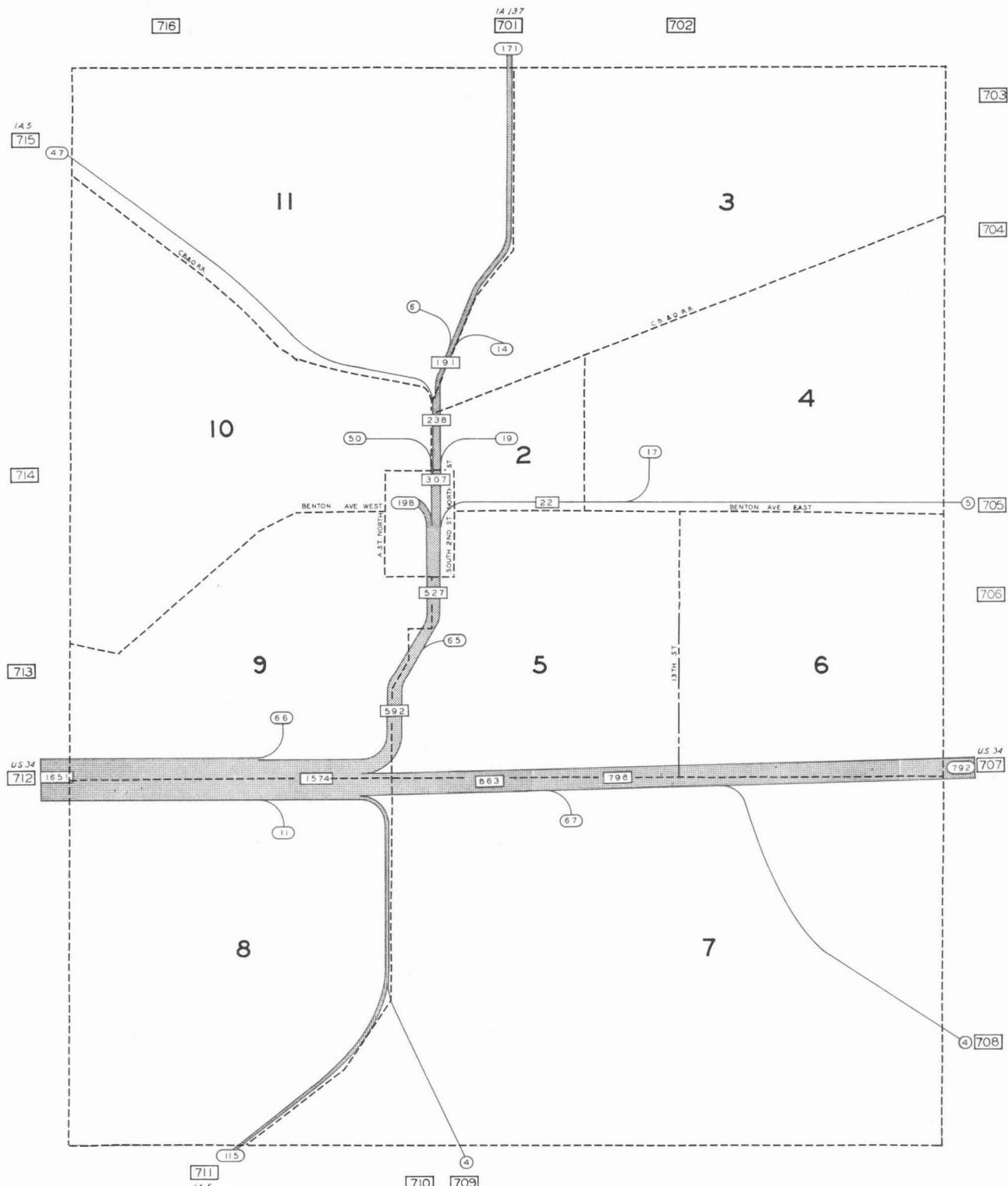
TRACT BOUNDARY LINE -----

## GRAPHIC SCALE

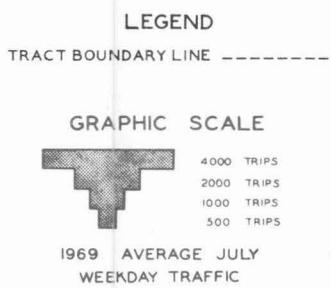
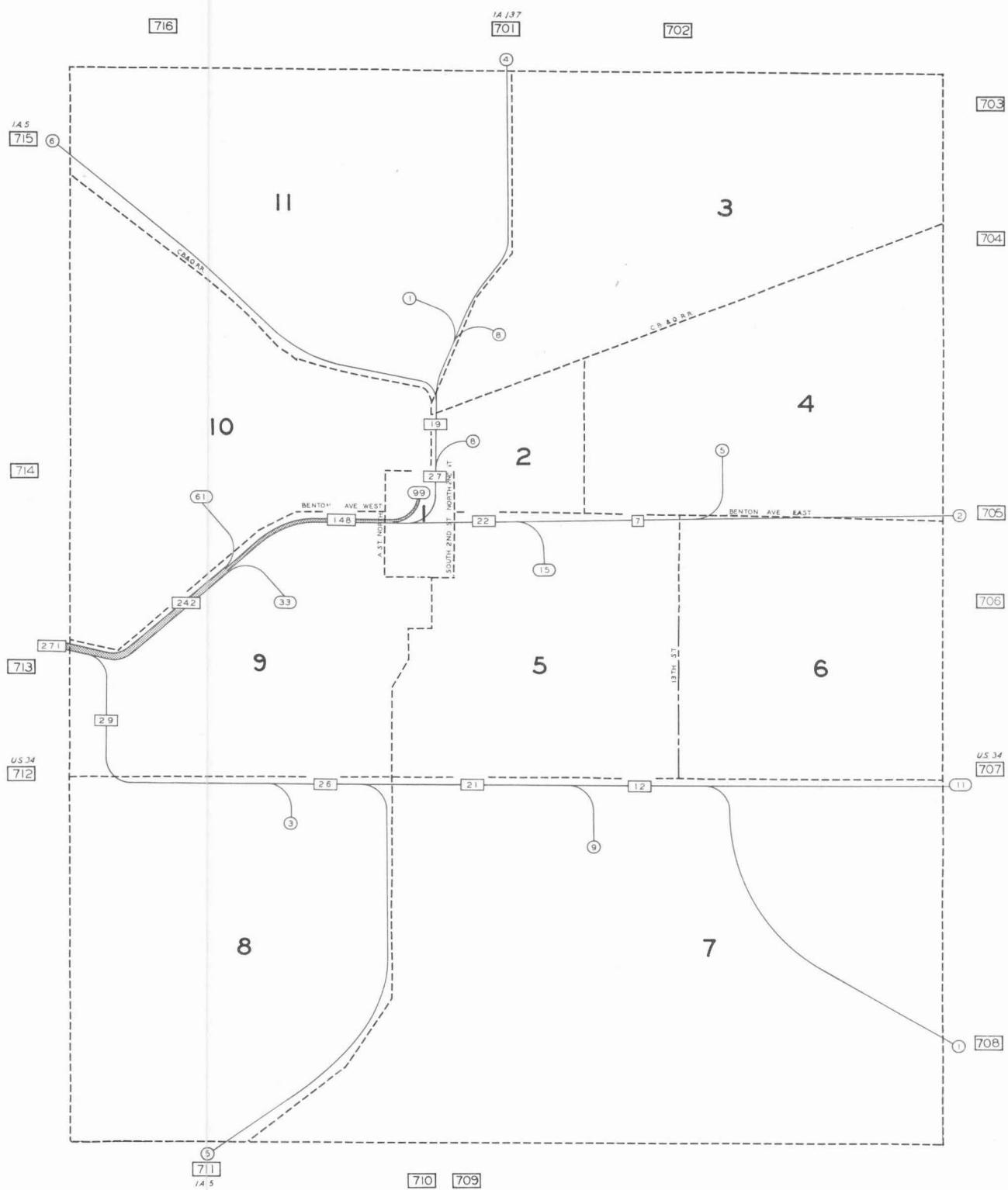
4000 TRIPS  
2000 TRIPS  
1000 TRIPS  
500 TRIPS

1969 AVERAGE JULY  
WEEKDAY TRAFFIC

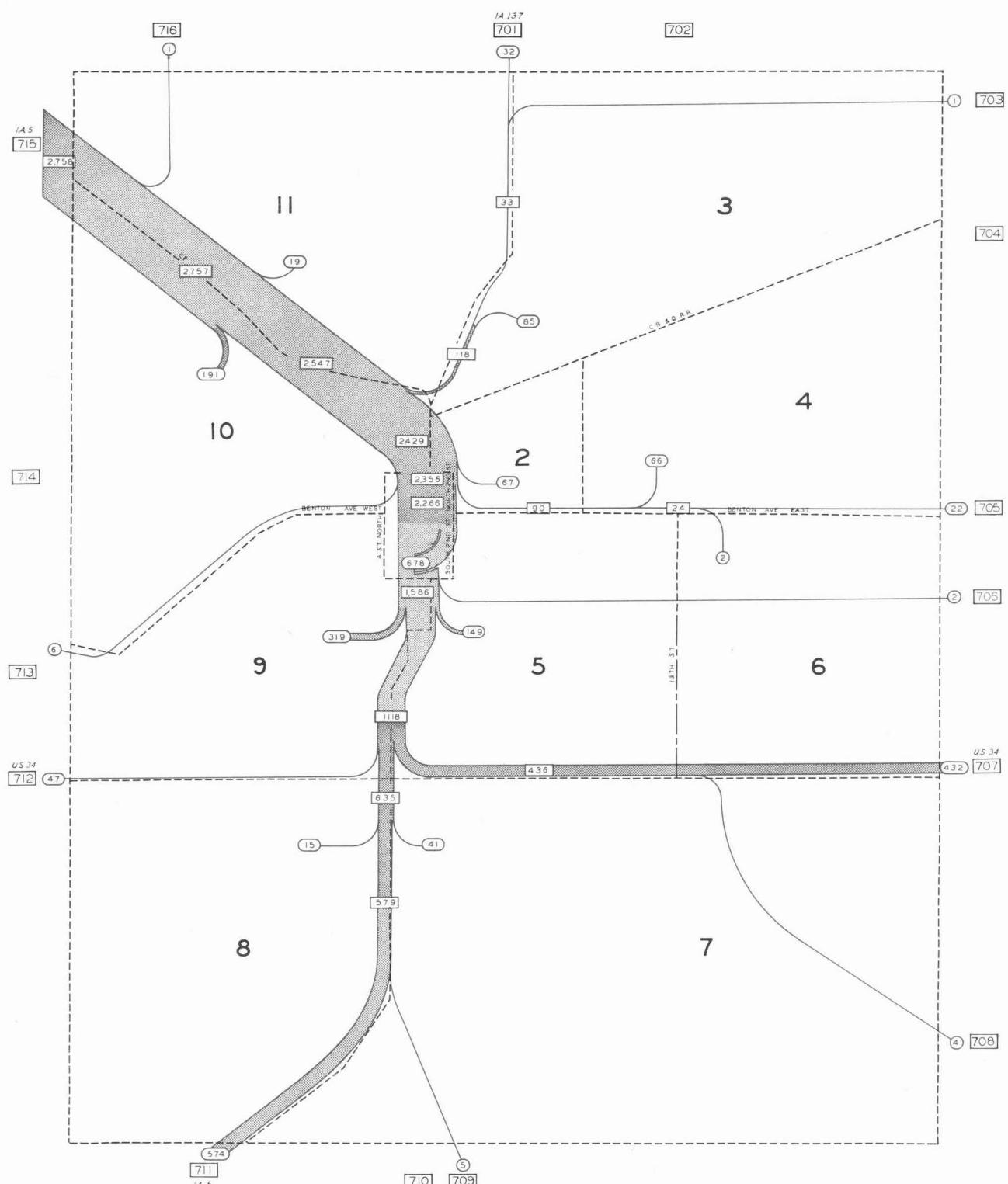
FIGURE 4-6  
INTERNAL DISPERSION OF  
ALL VEHICULAR TRIPS PASSING THROUGH  
STATION 7II-IOWA 5 SOUTH  
OF THE  
ALBIA STUDY AREA



**FIGURE 4-7**  
**INTERNAL DISPERSION OF**  
**ALL VEHICULAR TRIPS PASSING THROUGH**  
**STATION 712-US. 34 WEST**  
**OF THE**  
**ALBIA STUDY AREA**



**FIGURE 4-8**  
**INTERNAL DISPERSION OF**  
**ALL VEHICULAR TRIPS PASSING THROUGH**  
**STATION 713-OLD U.S. 34 WEST**  
**OF THE**  
**ALBIA STUDY AREA**



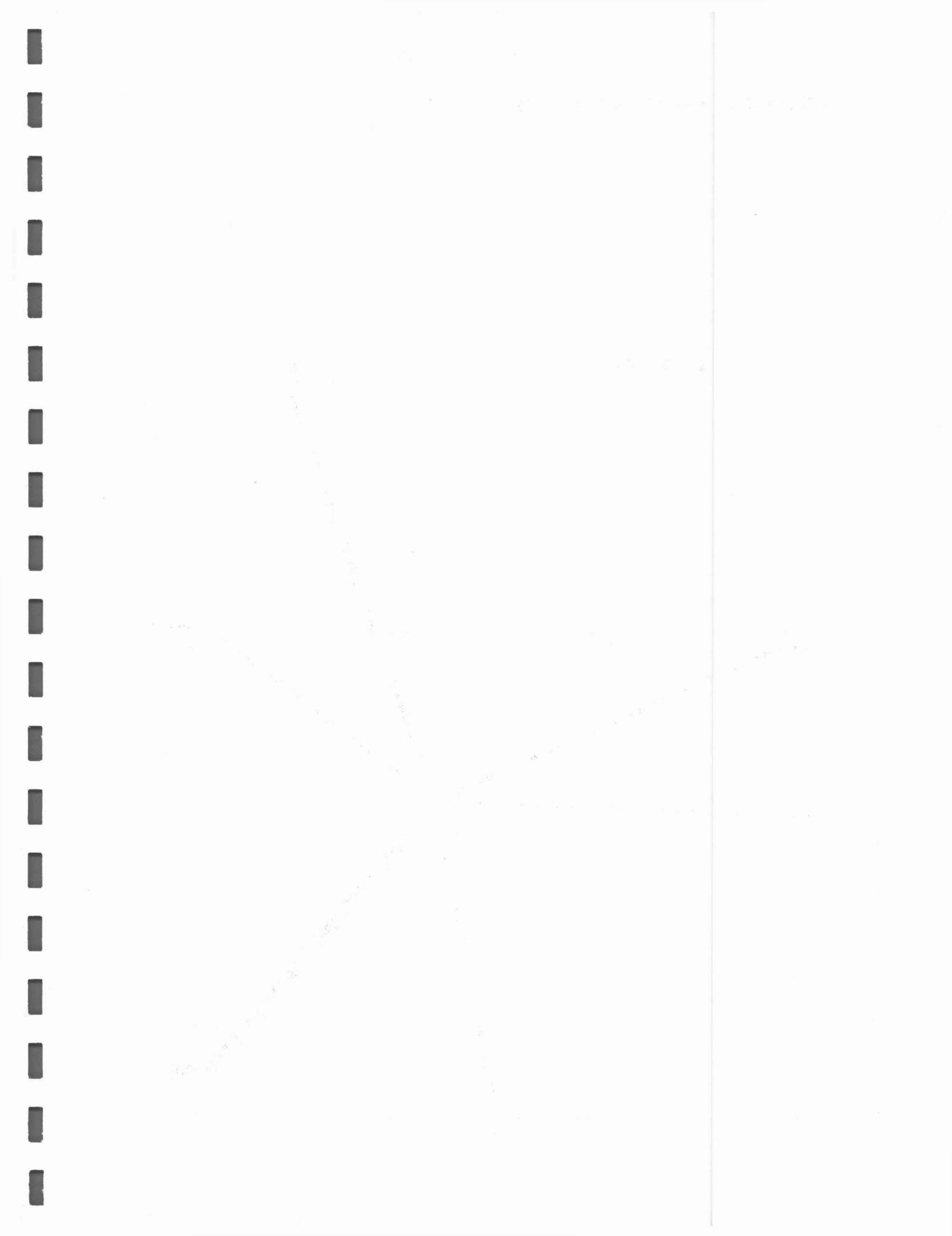
**LEGEND**

## GRAPHIC SCALE

4000 TRIPS  
2000 TRIPS  
1000 TRIPS  
500 TRIPS

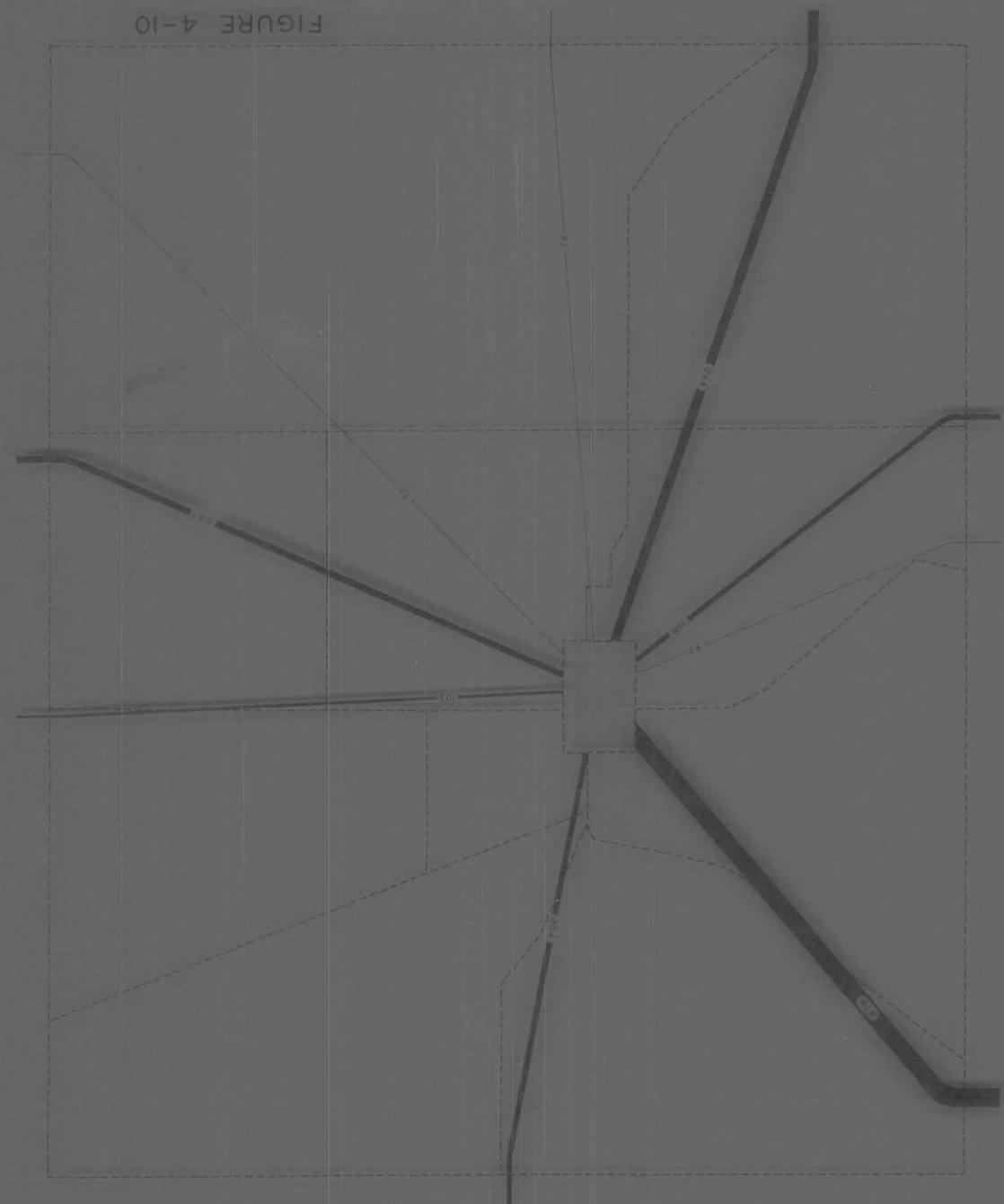
1969 AVERAGE JULY  
WEEKDAY TRAFFIC

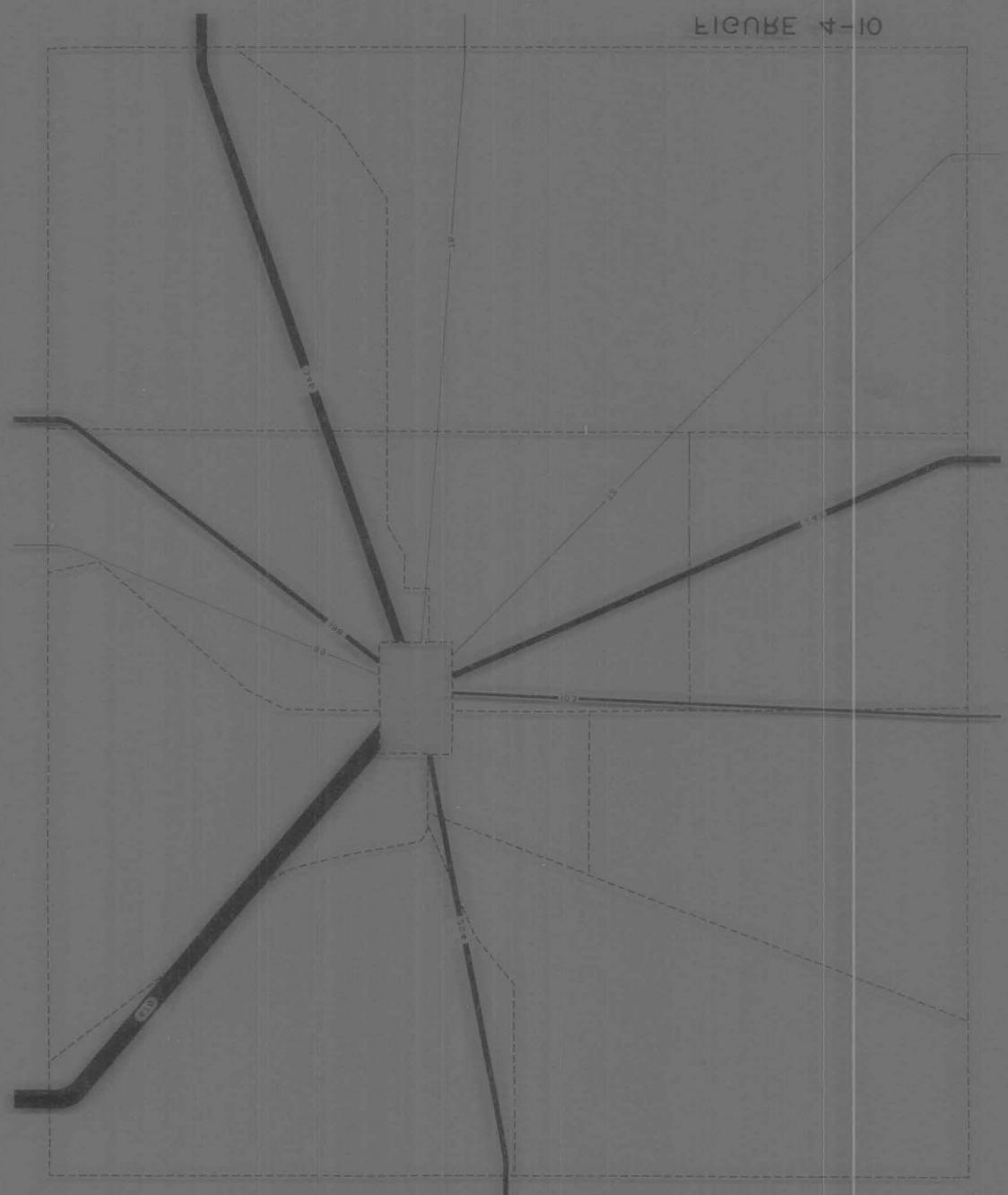
FIGURE 4-9  
INTERNAL DISPERSION OF  
ALL VEHICULAR TRIPS PASSING THROUGH  
STATION 715-IOWA 5 NORTHWEST  
OF THE  
ALBIA STUDY AREA



THE CENTRAL BUSINESS DISTRICT

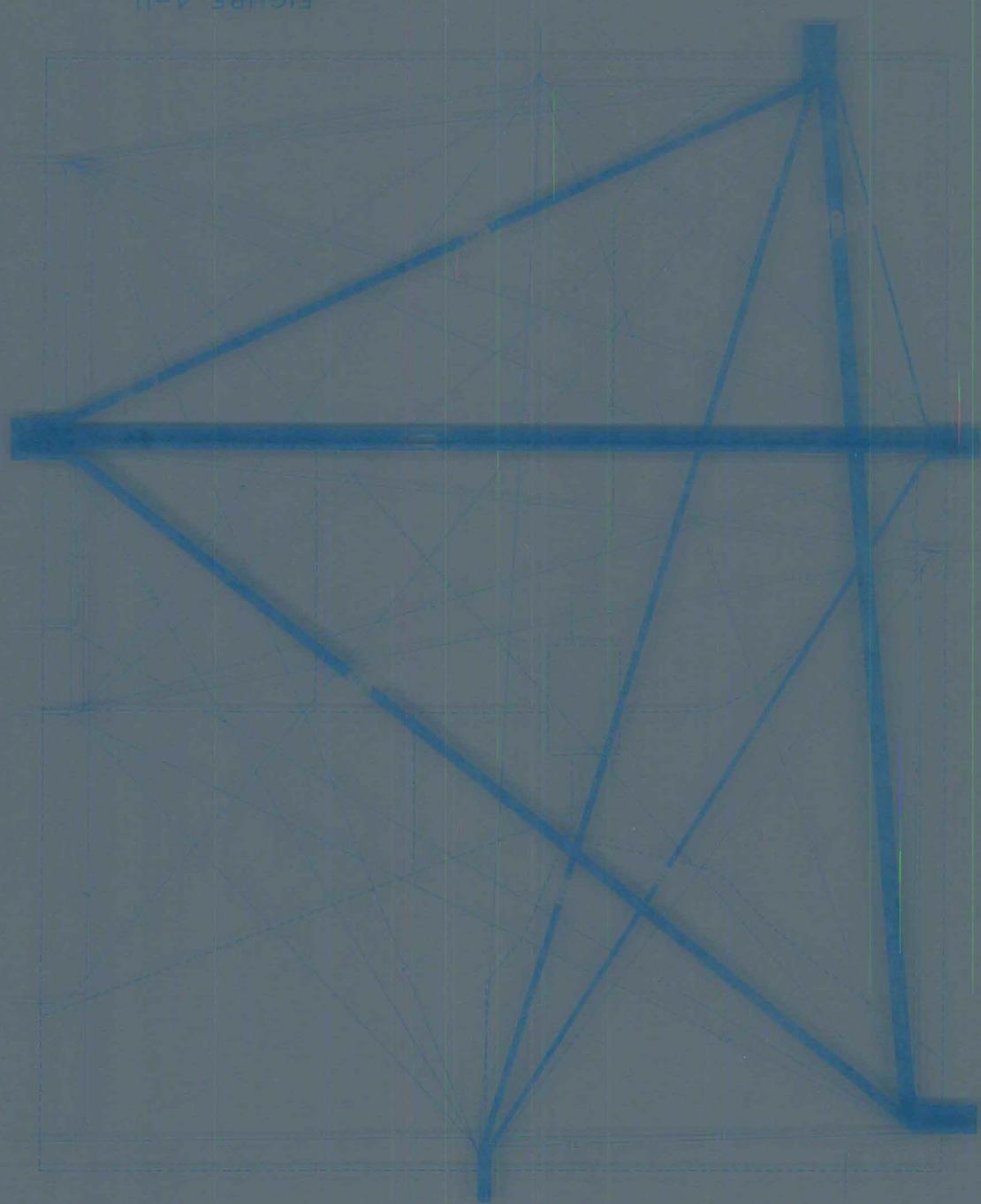
FIGURE 4-10





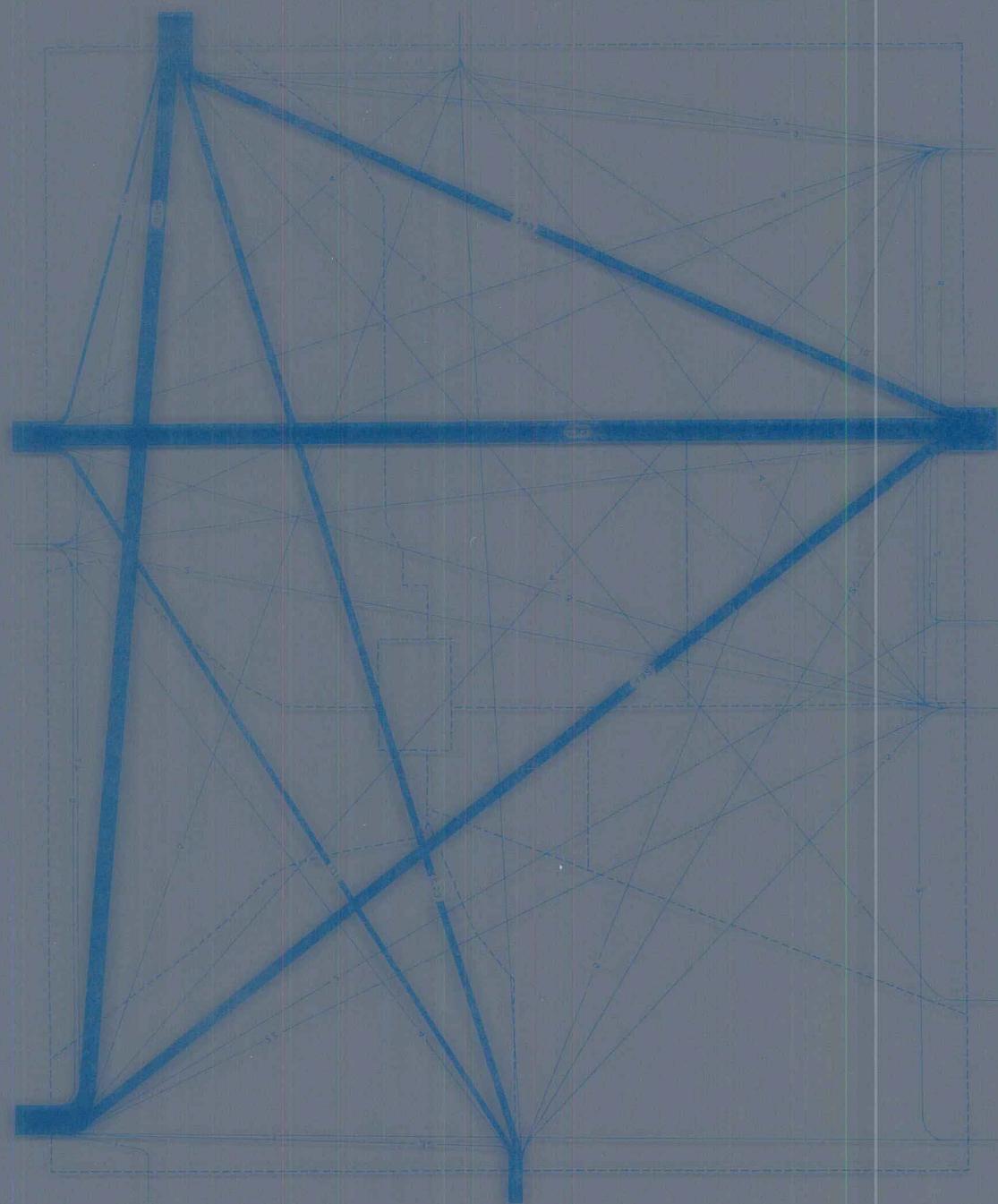
OTHER EXTERNAL ENTRANCES

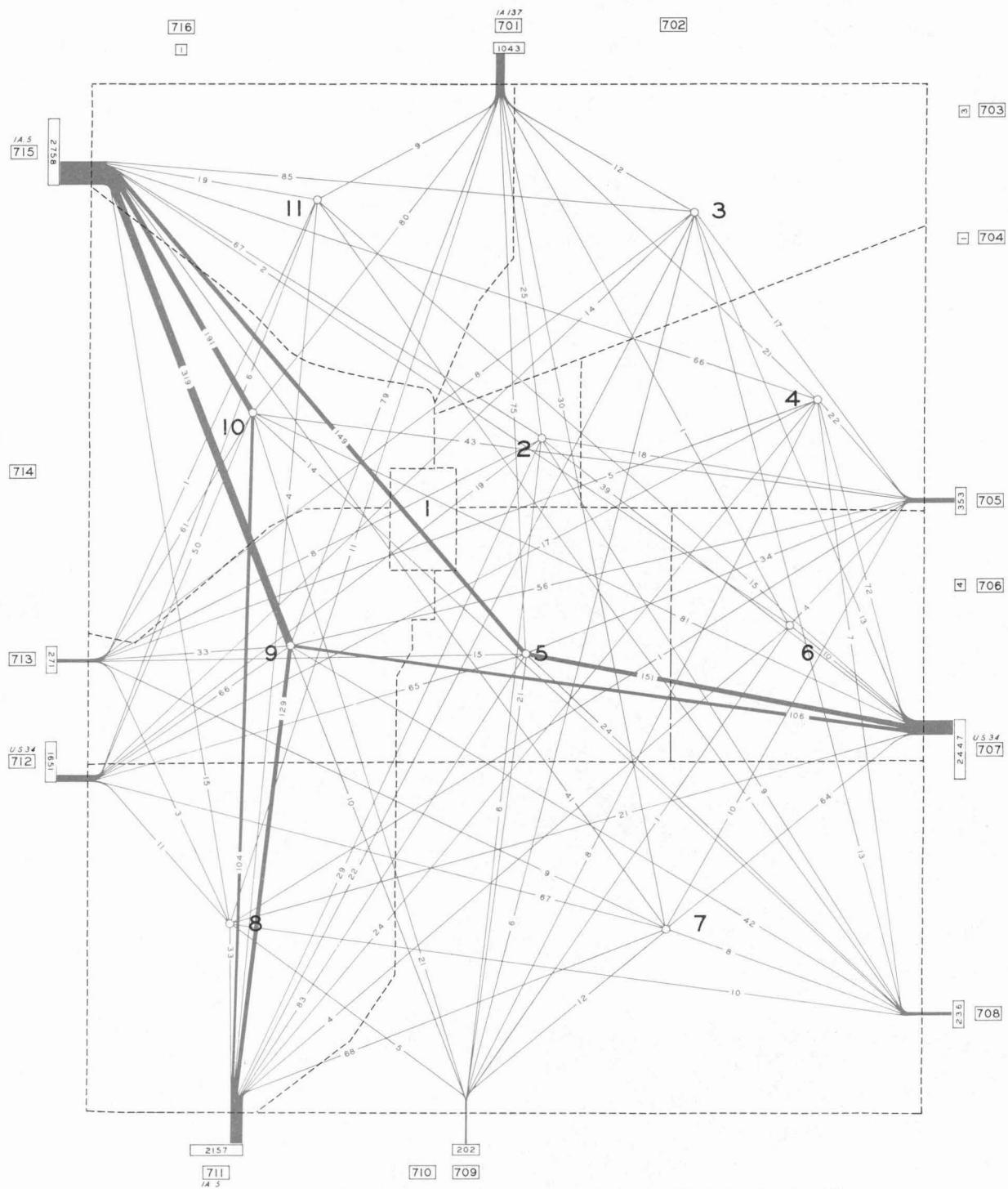
FIGURE 4-II



SECTION EXTERNE ARTHO

FIGURE 4-11





LEGEND  
TRACT BOUNDARY LINE -----

#### GRAPHIC SCALE



4000 TRIPS  
2000 TRIPS  
1000 TRIPS  
500 TRIPS

AVERAGE JULY  
WEEKDAY TRAFFIC 1969

FIGURE 4-12  
DESIRE LINES OF TRAVEL OF TRIPS  
TO OR FROM  
EXTERNAL ENTRANCES OF THE  
ALBIA STUDY AREA  
AND  
INTERNAL TRACTS

#### EXTERNAL TRIP TERMINI

Table 4-1 on the adjoining page shows a tabulation of the number and percent of those trips which had termini in Monroe County, rural areas adjacent to the study area, other counties in Iowa, and other states.

The following traffic flow charts illustrate the data shown in Table 4-1 and point out the Iowa terminals of all trips which passed through the Albia study area at the time of the survey. Figure 4-13 shows the external termini of all trips which originated or terminated beyond Monroe County. Those trips which had termini in other states are shown entering or leaving Iowa on routes which appear to be most direct to the study area. Figure 4-14 is a continuation of Figure 4-13 and shows the external termini of those trips which originated or terminated in Monroe County beyond the cordon line surrounding the study area. All routes shown are approximate and should be interpreted as such.

TABLE 4-1  
 SUMMARY OF TRIPS ENTERING OR LEAVING  
 THE ALBIA STUDY AREA  
 1969 AVERAGE JULY WEEKDAY TRAFFIC

Station Location Origin or Destination	Iowa 137 North		Old U.S. 34 East		U.S. 34 East		County Road H-47 Southeast		Local Road South		Iowa 5 South		U.S. 34 West		Old U.S. 34 West		Iowa 5 Northwest		
	Station 701		Station 705		Station 707		Station 708		Station 709		Station 711		Station 712		Station 713		Station 715		
	Vol.	%	Vol.	%	Vol.	%	Vol.	%	Vol.	%	Vol.	%	Vol.	%	Vol.	%	Vol.	%	
Avery			32	9.07															
Frederica			2	.57															
Hitman																	247	8.95	
Lovilia																	728	26.40	
Melrose													274	16.60	64	23.62			
Total to Towns			34	9.64										274	16.60	64	23.62	975	35.35
Rural Monroe County	284	27.23	259	73.37	153	6.25	222	94.07	186	92.08	280	12.98	263	15.93	172	63.47	487	17.66	
Other Counties	715	68.55	59	16.71	2,060	84.19	14	5.93	15	7.42	1,576	73.07	853	51.66	34	12.54	1,258	45.61	
Out - of - State	44	4.22	1	.28	234	9.56			1	.50	301	13.95	261	15.81	1	.37	38	1.38	
Grand Total	1,043	100.00	353	100.00	2,447	100.00	236	100.00	202	100.00	2,157	100.00	1,651	100.00	271	100.00	2,758	100.00	

FIGURE 4-13  
DISPERSION OF EXTERNAL TRIPS  
BETWEEN THE ALBIA STUDY AREA  
AND POINTS IN IOWA BEYOND MONROE COUNTY

ALL TRIPS BY DRIVERS OF AUTOS, TRUCKS, TAXIS, AND BUSES

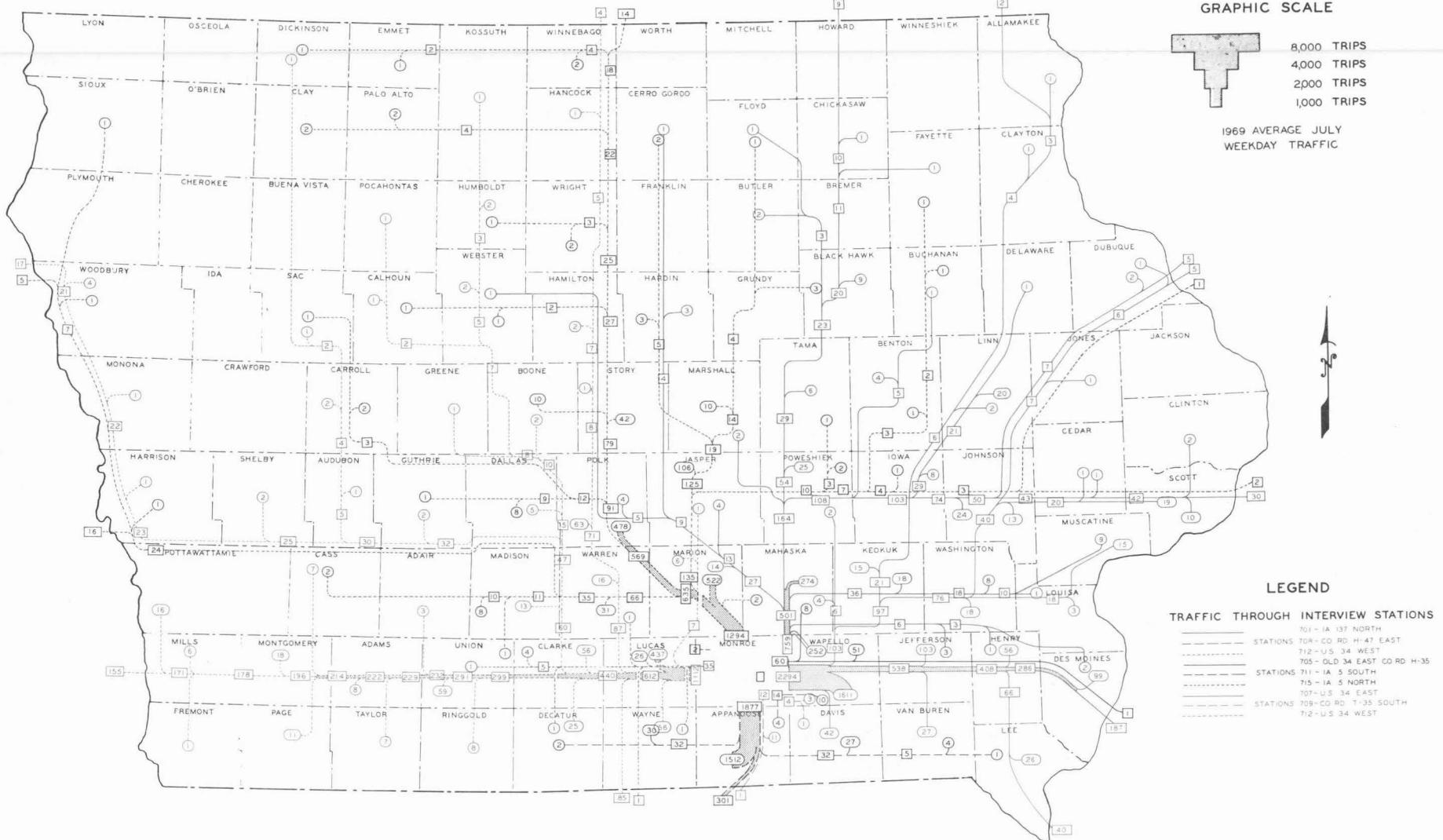
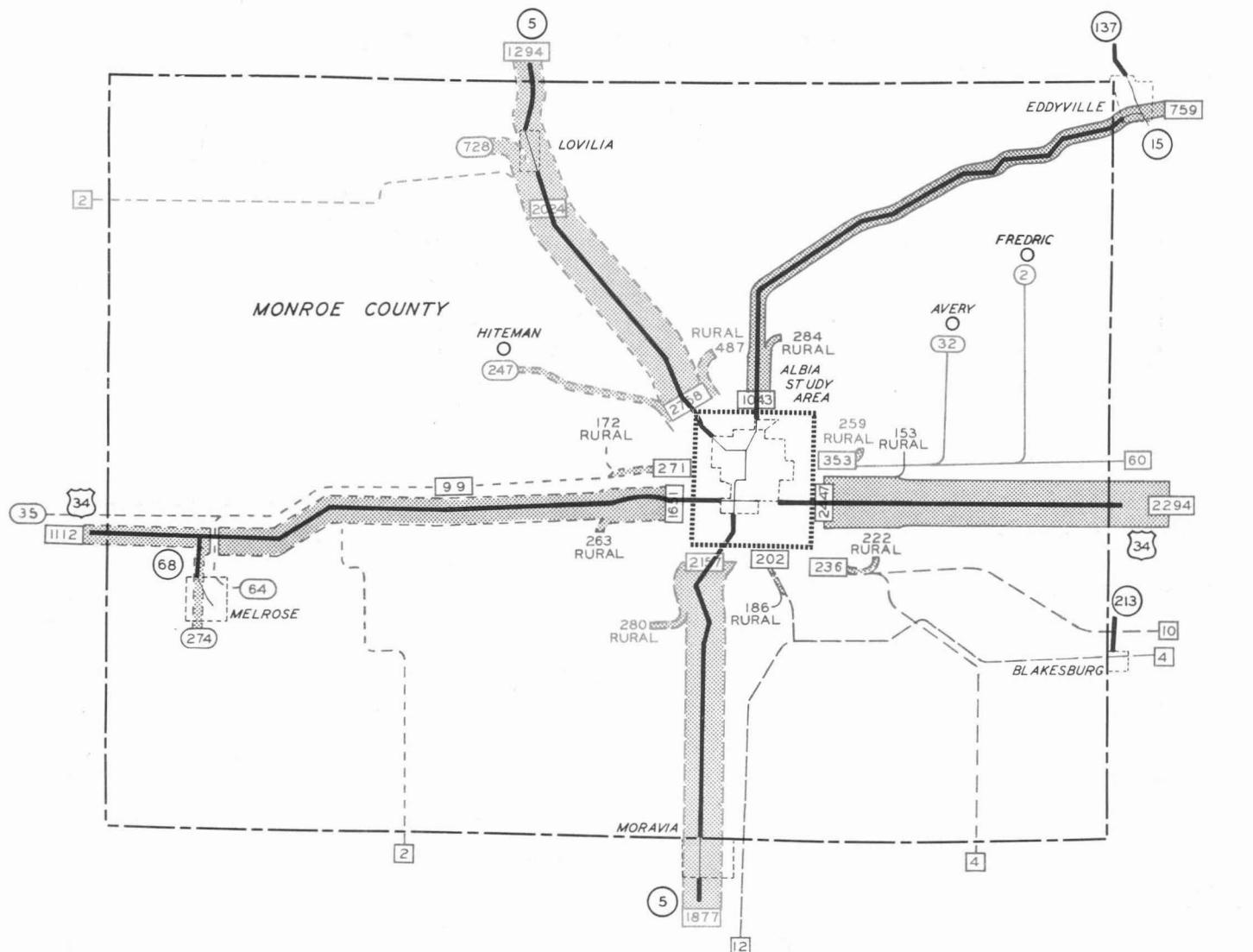
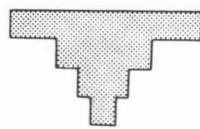


FIGURE 4-14  
DISPERSION OF EXTERNAL TRIPS  
BETWEEN THE ALBIA STUDY AREA  
AND POINTS WITHIN MONROE COUNTY



#### GRAPHIC SCALE



8000 TRIPS  
4000 TRIPS  
2000 TRIPS  
1000 TRIPS

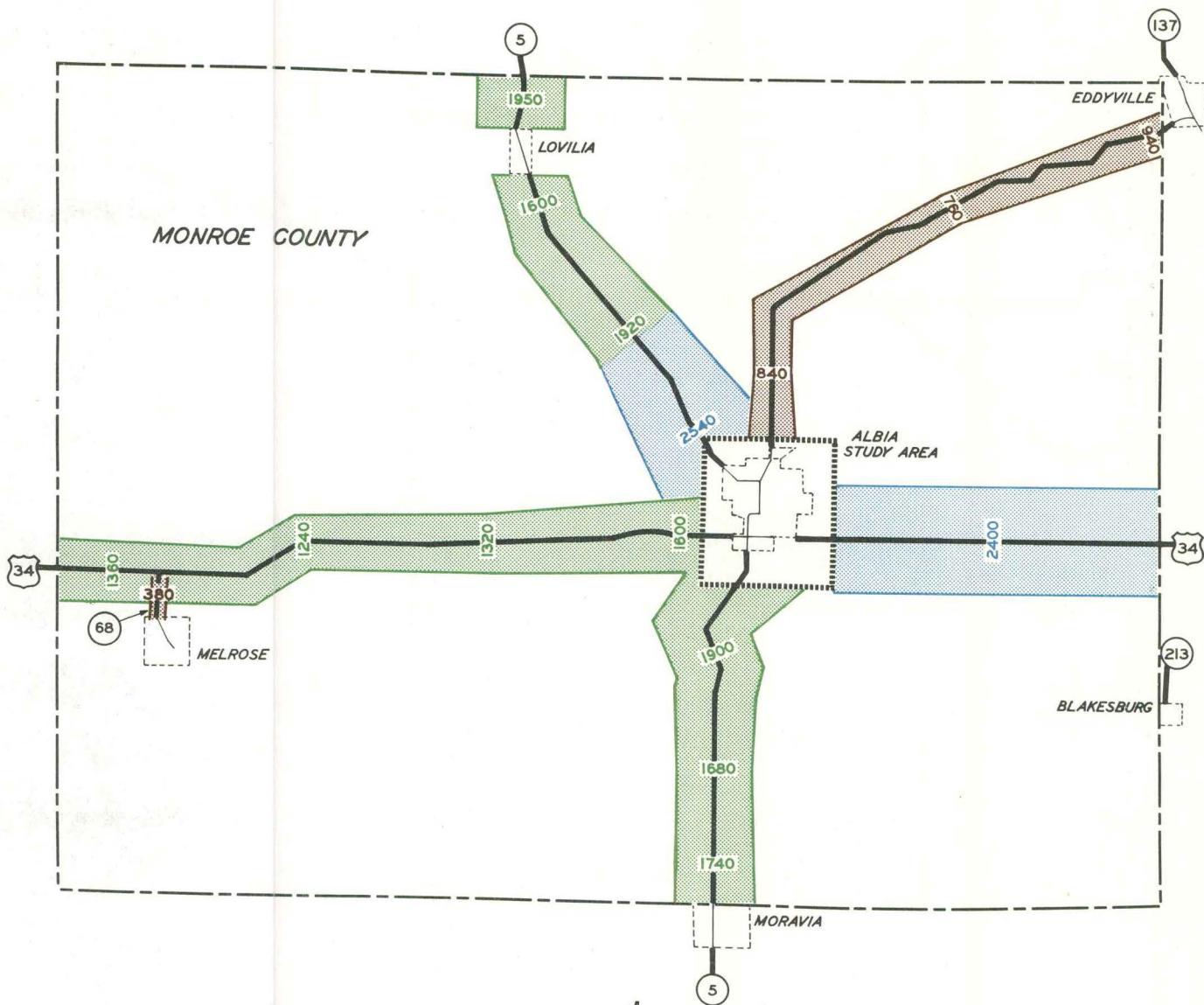
1969 AVERAGE JULY  
WEEKDAY TRAFFIC

#### LEGEND

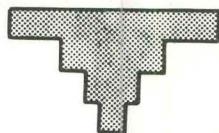
##### TRAFFIC THROUGH INTERVIEW STATIONS

- STATION 705 - OLD 34 EAST COUNTY RD. H-35
- - - STATION 711 - IOWA 5 SOUTH
- - - STATION 715 - IOWA 5 NORTHWEST
- STATION 707 - U.S. 34 EAST
- - - STATION 709 - COUNTY RD. T-35 SOUTH
- - - STATION 712 - U.S. 34 WEST
- STATION 701 - IOWA 137 NORTH
- - - STATION 708 - COUNTY RD. H-47 EAST
- - - STATION 713 - OLD 34 WEST COUNTY RD. H-35
- CORPORATION LINE — — —
- CORDON LINE .....

**FIGURE 4-15**  
**TRAFFIC VOLUMES ON**  
**RURAL PRIMARY HIGHWAYS**  
**IN MONROE COUNTY**



**GRAPHIC SCALE**



4000 TRIPS  
2000 TRIPS  
1000 TRIPS  
500 TRIPS

**1969 AVERAGE ANNUAL  
DAILY TRAFFIC**

**LEGEND**

- |               |                     |
|---------------|---------------------|
| [Hatched Box] | 0 TO 1000 TRIPS     |
| [Green Box]   | 1000 TO 2000 TRIPS  |
| [Blue Box]    | 2000 TRIPS AND OVER |

CORPORATION LINE -----  
CORDON LINE .....  
.....

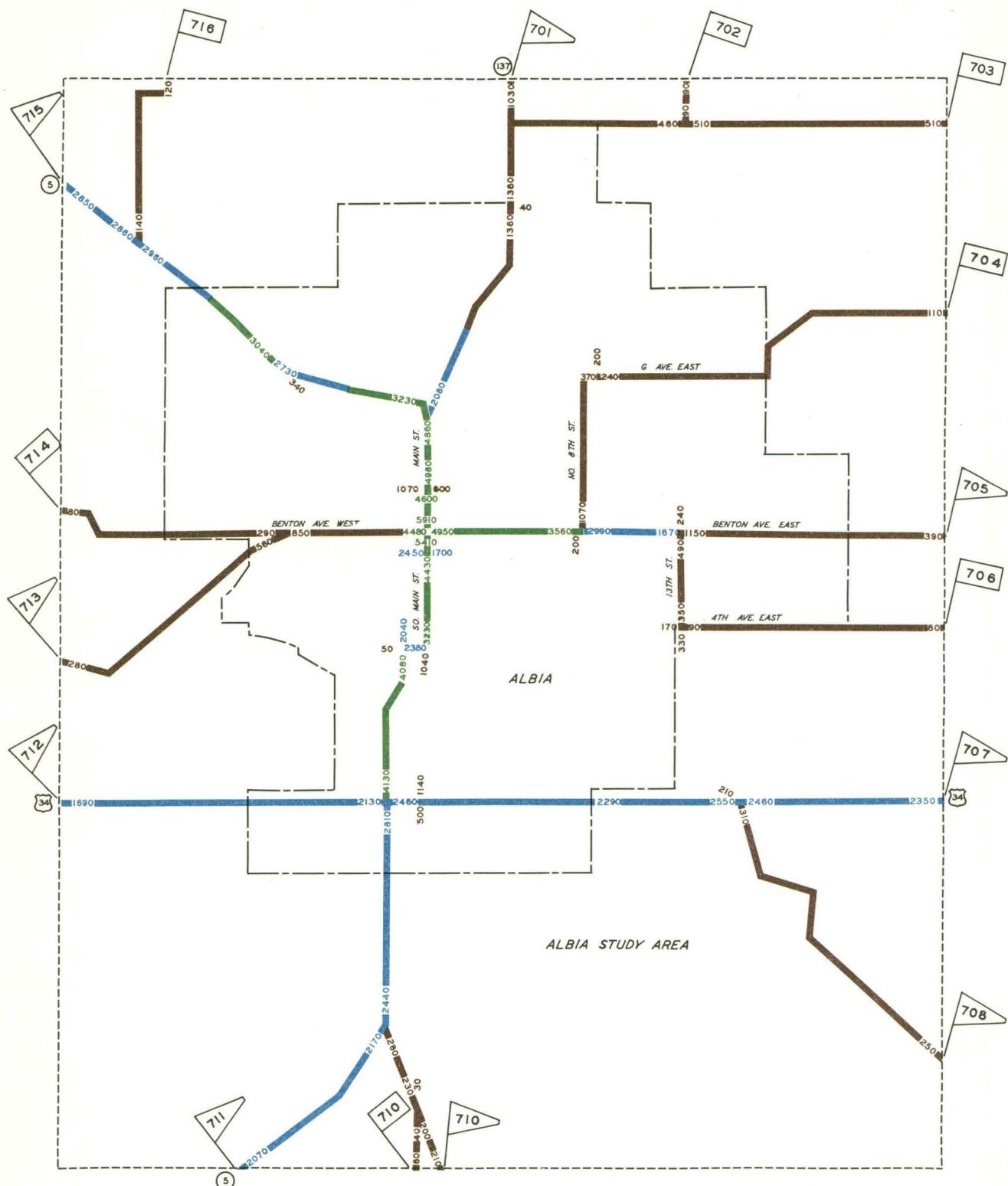


FIGURE 4-16  
TRAFFIC VOLUMES ON  
PRIMARY ROAD EXTENSIONS  
AND MAJOR STREETS IN THE  
ALBIA STUDY AREA

**1969 AVERAGE JULY WEEKDAY TRAFFIC**

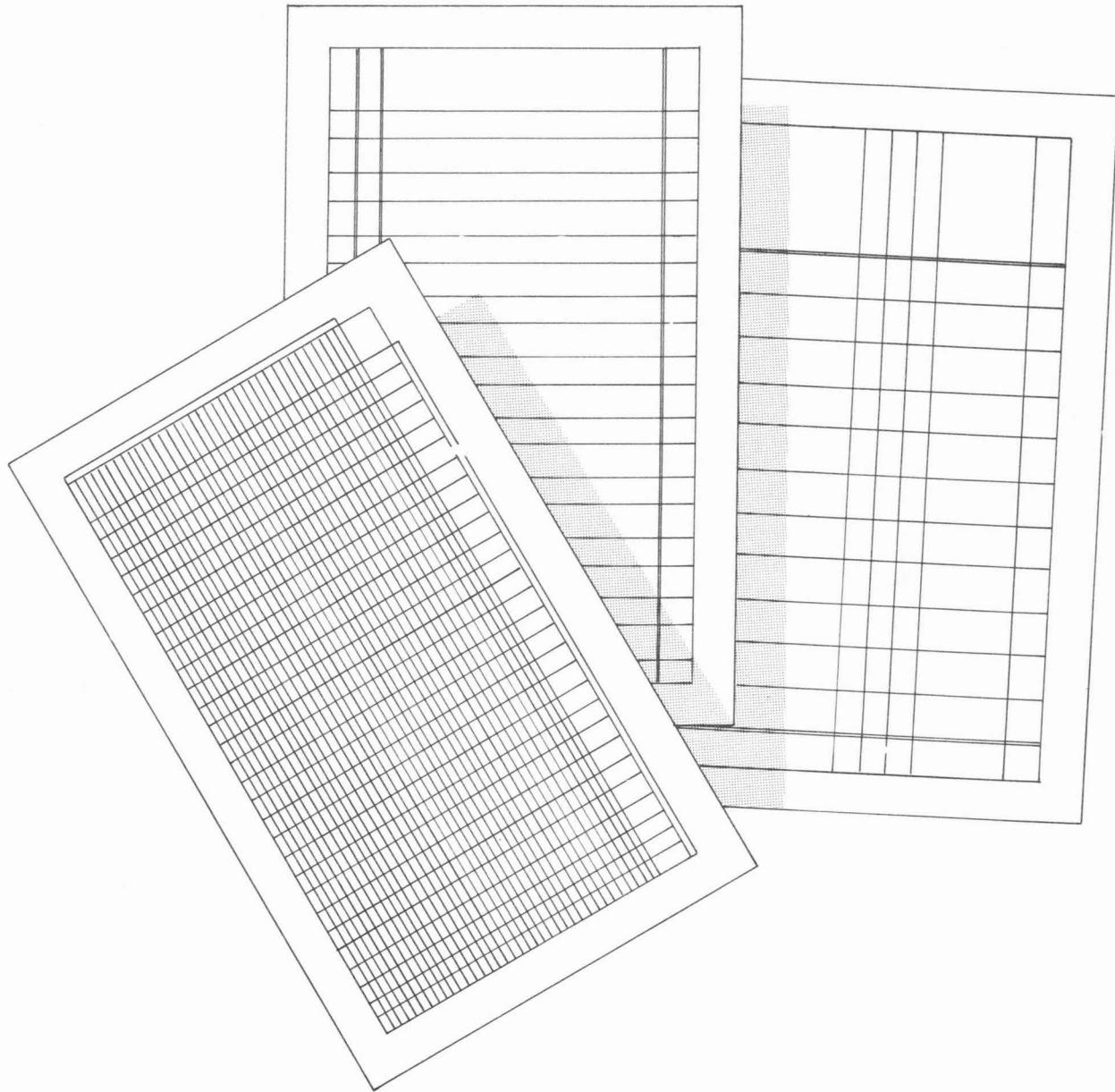
## LEGEND

- 0 TO 1500 TRIPS**  
**1500 TO 3000 TRIPS**  
**3000 TRIPS AND OVER**

INTERVIEW STATION LOCATIONS  
CODE STATION LOCATIONS \_\_\_\_  
CORPORATION LINE \_\_\_\_  
CORDON LINE \_\_\_\_\_



# *Appendix*



Part Five

**ALBIA STUDY AREA**  
**TRIP PURPOSE OF EXTERNAL TRIPS**  
**(ALL VEHICLE TYPES)**  
**1969 AVERAGE JULY WEEKDAY TRAFFIC**

Table B-2a (1) EXTERNAL LOCAL TRIPS

Trip Purpose \ Station	701	705	707	708	709	711	712	713	715	Total Traffic
	Iowa 137 North	Old U.S. 34 East	U.S. 34 East	County Road H-47 Southeast	Local Road South	Iowa 5 South	U.S. 34 West	Old U.S. 34 West	Iowa 5 Northwest	
Work	116	64	197	49	28	174	97	56	271	1,052
Personal Business	58	33	69	14	16	67	45	11	160	473
During Work	93	19	175	26	10	145	144	26	203	841
Medical or Dental	7	5	21	1	4	12	7	21	78	
School	5	5	11			3	1	3	6	34
Social or Recreation	123	84	154	46	43	170	104	66	403	1,193
Eat	8	8	32	7	6	31	24	12	44	172
Shop	132	72	151	37	44	205	84	64	491	1,280
Serve Passengers	5	18	9	20	17	39	7	4	33	152
Total Traffic	547	308	819	200	168	846	513	242	1,632	5,275

Table B-2a (2) EXTERNAL THROUGH TRIPS

Trip Purpose \ Station	701	705	707	708	709	711	712	713	715	Total Traffic
	Iowa 137 North	Old U.S. 34 East	U.S. 34 East	County Road H-47 Southeast	Local Road South	Iowa 5 South	U.S. 34 West	Old U.S. 34 West	Iowa 5 Northwest	
Work	47	8	202	4	5	139	108	5	106	624
Personal Business	42	9	92	5	3	115	59	2	91	418
During Work	185	4	510	5	7	389	426	5	315	1,846
Medical or Dental	8	1	21		1	15	9	3	8	66
School	6	1	17			21	7	1	27	80
Social or Recreation	178	17	679	18	13	560	483	10	503	2,461
Eat	2		1			2	1		1	7
Shop	22	3	89		5	59	37	2	58	275
Serve Passengers	6	2	17	4		11	8	1	17	66
Total Traffic	496	45	1,628	35	34	1,311	1,138	29	1,126	5,843

Table B-2a (3) SUMMARY - ALL EXTERNAL TRIPS

Trip Purpose \ Station	701	705	707	708	709	711	712	713	715	Total Traffic
	Iowa 137 North	Old U.S. 34 East	U.S. 34 East	County Road H-47 Southeast	Local Road South	Iowa 5 South	U.S. 34 West	Old U.S. 34 West	Iowa 5 Northwest	
Work	163	72	399	53	33	313	205	61	377	1,676
Personal Business	100	42	161	19	19	182	104	13	251	891
During Work	278	23	685	31	17	534	570	31	518	2,687
Medical or Dental	15	6	42	1	5	27	16	3	29	144
School	11	6	28			24	8	4	33	114
Social or Recreation	301	101	833	64	56	730	587	76	906	3,654
Eat	10	8	33	7	6	33	25	12	45	179
Shop	154	75	240	37	49	264	121	66	549	1,555
Serve Passengers	11	20	26	24	17	50	15	5	50	218
Total Traffic	1,043	353	2,447	236	202	2,157	1,651	271	2,758	11,118

**ALBIA STUDY AREA**  
**AVERAGE CAR OCCUPANCY BY TRIP PURPOSE**  
**1969 AVERAGE JULY WEEKDAY TRAFFIC**

EXTERNAL LOCAL TRIPS

Table B-3a(1)

Trip Purpose - Destination											
Trip Purpose Origin	Work	Personal Business	During Work	Medical or Dental	School	Social or Recreation	Eat	Shop	Serve Pass.	Home	Average Occupancy
Work		1.000				2.258	1.303	1.171	2.000	1.320	1.342
Personal Business	1.000	1.648		1.000	4.328	2.231	1.000	1.497	3.000	1.687	1.782
During Work		1.000	1.240			1.500	1.000			1.410	1.242
Medical or Dental										1.916	1.916
School					4.624				1.000	1.797	2.580
Social or Recreation	2.034	3.222	4.000			2.653	3.057	2.430	7.570	2.380	2.501
Eat	1.148	1.623	1.517			2.459			4.000	2.553	2.281
Shop	1.363	1.667	1.000			2.622	1.000	1.831	2.000	2.179	2.176
Serve Passengers		1.000				1.985		3.742	2.490	2.346	2.340
Home	1.380	1.875	1.266	2.142	2.218	2.386	2.377	1.995	2.357		1.983
Average Occupancy	1.376	1.883	1.252	2.113	3.757	2.427	2.220	2.006	2.507	1.965	1.955

EXTERNAL THROUGH TRIPS

Table B-3a(2)

Trip Purpose - Destination											
Trip Purpose Origin	Work	Personal Business	During Work	Medical or Dental	School	Social or Recreation	Eat	Shop	Serve Pass.	Home	Average Occupancy
Work										2.457	2.000
Personal Business	1.000	2.312								2.158	1.659
During Work					1.304					1.000	1.073
Medical or Dental											2.293
School										1.649	1.765
Social or Recreation									1.000	2.896	2.000
Eat										2.000	2.000
Shop										2.000	2.000
Serve Passengers	3.000										2.000
Home	1.493	1.916	1.254	2.928	1.689	2.646	4.000	2.562	3.598		2.376
Average Occupancy	1.499	1.939	1.303	2.928	1.668	2.705	2.915	2.531	3.522	2.350	2.229

SUMMARY - ALL EXTERNAL TRIPS

Table B-3a(3)

Trip Purpose - Destination											
Trip Purpose Origin	Work	Personal Business	During Work	Medical or Dental	School	Social or Recreation	Eat	Shop	Serve Pass.	Home	Average Occupancy
Work		1.000					2.277	1.303	1.243	2.000	1.367
Personal Business	1.000	1.908		1.000	4.328	2.217	1.000	1.497	3.000	1.679	1.770
During Work		1.000	1.274			1.500	1.000	1.000		1.164	1.269
Medical or Dental										2.018	2.018
School						4.624	1.649			1.000	1.781
Social or Recreation	2.034	3.222	4.000		1.000	2.806	3.013	2.437	7.570	2.606	2.675
Eat	1.148	1.623	1.517			2.451			4.000	2.541	2.277
Shop	1.363	1.667	1.000			2.612	1.000	1.839	2.000	2.194	2.190
Serve Passengers	3.000	1.000				1.985		3.742	2.430	2.316	2.230
Home	1.404	1.889	1.259	2.385	1.812	2.512	2.392	2.047	2.567		2.108
Average Occupancy	1.401	1.901	1.279	2.360	2.659	2.560	2.229	2.052	2.656	2.086	2.048

TABLE E-1

**ALBIA STUDY AREA**  
**DIRECTIONAL TRIPS BETWEEN STATIONS AND TRACTS**  
**1969 AVERAGE JULY WEEKDAY TRAFFIC**

VEHICLE TRIPS						
From	To	Auto	Pickup and Panel	Single Unit & Bus	Semi Truck	Total
001	701	73	28	2	1	104
002	701	7	1	2		10
003	701	5		2		7
004	701	11	2			13
005	701	34	4	1		39
006	701		1			1
007	701	9	1	4		14
008	701	2	1	1		4
009	701	33	9	1		43
010	701	29	13	4	1	47
011	701	5	2			7
Cl. 2	Total	208	62	17	2	289
001	705	47	5			52
002	705	8	1			9
003	704	6				6
004	705	8				8
005	705	20	1			21
006	705	1				1
007	705	4	1	1		6
009	705	27	5			32
010	705	14	6			20
Cl. 2	Total	135	19	1		155
001	707	99	14	4	1	118
002	707	15	3	1	2	21
003	707	7				7
004	707	23	3	12	1	39
005	707	52	6	3	3	64
006	707	3	1			4
007	707	23	4	6		33
008	707	5	4	3		12
009	707	37	5	6		48
010	707	28	6	1	3	38
011	707	8				8
Cl. 2	Total	300	46	36	10	392
001	708	19	11			30
002	708	7	1			8
003	708	5	1			6
004	708	4	1			5
005	708	10				10
007	708	6				6
008	708	2	4			6
009	708	23	3			26
010	708	4	1	3		8
Cl. 2	Total	80	22	3		105
001	709	30	5	2		37
002	709	1	1			2
003	709	5				5
004	709	4				4
005	709	9		1		10
007	709	6	1	1		8
008	709	2				2
009	709	4	1			5
010	709	5	2	1		8
Cl. 2	Total	66	10	5		81
001	711	127		44	7	
002	711	11		3	1	
003	711		3	3		
004	711		3	7		
005	711	43		5	2	
006	711	1				
007	711	23		4	5	
008	711	6		10		
009	711	68		9	1	
010	711	49		6	11	
011	711	1				
Cl. 2	Total	335	91	27		453
001	712	67		20	6	
002	712	9		4		
003	712		6			
004	712		8	1		
005	712	27		2	4	
007	712	19		8	10	
008	712	4				
009	712	32		3	3	
010	712	15		6	11	
011	712	4				
Cl. 2	Total	191	44	34	8	277
001	713	30		9	2	
002	713	1				
003	713		1			
004	713		1			
005	713	6		2		
007	713	1				
008	713				1	
009	713	10		3		
010	713	24		6	4	
Cl. 2	Total	74	17	10		101
001	715	241		44	13	
002	715	23		3	1	
003	715	32		1		
004	715	25		6	2	
005	715	66		8	1	
006	715	1				
007	715	19			1	
008	715	6			2	
009	715	165		10	2	
010	715	71		16	11	
011	715	11		1		
Cl. 2	Total	660	89	33	8	790
701	001	76		20	3	
701	002	13		2		
701	003		3		2	
701	004	7		1		
701	005	31		4	1	
701	007	15		1		
701	008	3		3	1	
701	029	29		6	1	
701	010	22		8	3	
701	011	1			1	
Cl. 3	Total	200	45	12	1	258

VEHICLE TRIPS							VEHICLE TRIPS						
From	To	Auto	Pickup and Panel	Single Unit & Bus	Semi Truck	Total	From	To	Auto	Pickup and Panel	Single Unit & Bus	Semi Truck	Total
705	001	40	10		1	51	712	001	74	17	8	2	101
705	002	8	1			9	712	002	6				6
705	003	9	2			11	712	003	7	1			8
705	004	12		2		14	712	004	6	2			8
705	005	13				13	712	005	28	3	1		32
705	006	3				3	712	007	14	4	12		30
705	007	3		1		4	712	008	7				7
705	008		1			1	712	009	20	1	3		24
705	009	19	5			24	712	010	6	7	5		18
705	010	18	5			23	712	011	2				2
Cl.3	Total	125	24	3	1	153	Cl.3	Total	170	35	29	2	235
707	001	92	27	7	3	129	713	001	45	11	2		58
707	002	14	2	2		18	713	002	7				7
707	003	6				6	713	003	7				7
707	004	23	3	6	1	33	713	004	3	1			4
707	005	77	6	3	1	87	713	005	7				7
707	006	4	2			6	713	007	8				8
707	007	25	5	1		31	713	008			2		2
707	008	3	4	2		9	713	009	19	1			20
707	009	39	8	8	3	58	713	010	19	4	4		27
707	010	32	8	2	1	43	713	011	1				1
707	011	7				7	Cl.3	Total	116	17	8		141
Cl.3	Total	322	65	31	9	427	715	001	317	51	8	2	378
708	001	33	9			42	715	002	32	3	1	1	37
708	002	1				1	715	003	49	2	1		52
708	003	6	1			7	715	004	25	8			33
708	004	1	1			2	715	005	62	9	3		74
708	005	13		1		14	715	006	1				1
708	007		2			2	715	007	16		3		19
708	008	1	3			4	715	008	4	1	1		6
708	009	11	3	2		16	715	009	121	16	5		142
708	010	4		2		6	715	010	63	21	9		93
708	011	1				1	715	011	7				7
Cl.3	Total	71	19	5		95	Cl.3	Total	697	111	31	3	842
709	001	36	4	1		41	701	705		1			1
709	002	2	2			4	701	707	7	3			10
709	003	1				1	701	708	1	1			2
709	004	4				4	701	709	1	1			2
709	005	10	1			11	701	711	89	15	13	4	121
709	006	1				1	701	712	43	8	10	17	78
709	007	4				4	701	713	2				2
709	008	2	1			3	701	715	9	2	1	1	13
709	009	4	1			5	705	701	2				4
709	010	7	4	2		13	707	701	7	2	1		10
Cl.3	Total	71	13	3		87	708	701	2	1			3
711	001	125	37	6		168	709	701	3	1			4
711	002	13	1			14	711	701	92	12	20	8	132
711	003	15	1			16	712	701	47	9	21	16	93
711	004	11	3			14	713	701	2				2
711	005	31	1	1		33	715	701	14	1	2	2	19
711	006	3				3	Cl.4	Total	321	57	70	48	496
711	007	26	7	2	1	36							
711	008	10	6	1		17							
711	009	48	3			51							
711	010	23	4	11		38							
711	011	1	1	1		3							
Cl.3	Total	306	64	22	1	393							

VEHICLE TRIPS							VEHICLE TRIPS						
From	To	Auto	Pickup and Panel	Single Unit & Bus	Semi Truck	Total	From	To	Auto	Pickup and Panel	Single Unit & Bus	Semi Truck	Total
705	701	2				4	709	701	3	1			4
705	707	1	1			2	709	705	2				2
705	709	2				2	709	707	3	1			4
705	711	2	1			3	709	708	1				1
705	712	2	1			3	709	712	1	1			2
705	713	1				1	709	715	2	2			4
705	715	9	2			11	701	709	1	1			2
701	705		1			1	705	709	2				2
708	705	1				1	707	709	7	1			8
709	705	2				2	708	709	1				1
711	705	1				1	711	709	1				1
712	705	2				2	712	709	2				2
713	705	1				1	715	709		1			1
715	705	9	2			11	C1.4	Total	26	8			34
C1.4	Total	35	8	2		45	711	701	92	12	20	8	132
707	701	7	2	1		10	711	705	1				1
707	706	1				1	711	707	147	18	12	4	181
707	708	4	1			5	711	708	3				3
707	709	7	1			8	711	709	1				1
707	711	136	20	8	4	168	711	712	37	7	6	4	54
707	712	272	37	25	51	385	711	713	1	1			2
707	713	5	1	1		7	711	715	208	27	12	27	274
707	715	172	25	15	14	226	701	711	89	15	13	4	121
701	707	7	3			10	704	711	1				1
705	707	1	1			2	705	711	2	1			3
706	707	1				1	707	711	136	20	8	4	168
708	707	2		1		3	708	711	5	1			6
709	707	3	1			4	712	711	43	7	6	5	61
711	707	147	18	12	4	181	713	711	2	1			3
712	707	297	39	27	44	407	715	711	231	30	13	26	300
713	707	2	1	1		4	C1.4	Total	999	140	90	82	1,311
715	707	155	22	18	11	206	712	701	47	9	21	16	93
C1.4	Total	1,219	172	109	128	1,628	712	705	2				2
708	701	2	1			3	712	707	297	39	27	44	407
708	703		1			1	712	708	2	1			3
708	705	1				1	712	709	2				2
708	707	2		1		3	712	711	43	7	6	5	61
708	709	1				1	712	715	18	3	3	1	25
708	711	5	1			6	701	712	43	8	10	17	78
708	712	1				1	705	712	2	1			3
708	715	1				1	707	712	272	37	25	51	385
701	708	1	1			2	708	712	1				1
703	708		1			1	709	712	1	1			2
707	708	4	1			5	711	712	37	7	6	4	54
709	708	1				1	715	712	16	2	3	1	22
711	708	3				3	C1.4	Total	783	115	101	139	1,138
712	708	2	1			3	713	701	2				2
713	708	1				1	713	705	1				1
715	708	3				3	713	707	2	1	1		4
C1.4	Total	28	7	1		36	713	708	1				1
713	709						713	711	2	1			3
713	715						713	715	2	1			3
701	713						701	713	2				2
705	713						705	713	1				1
707	713						707	713	5	1	1		7
711	713						711	713	1	1			2
715	713						715	713	1	1	1		3
C1.4	Total						C1.4	Total	20	6	3		29

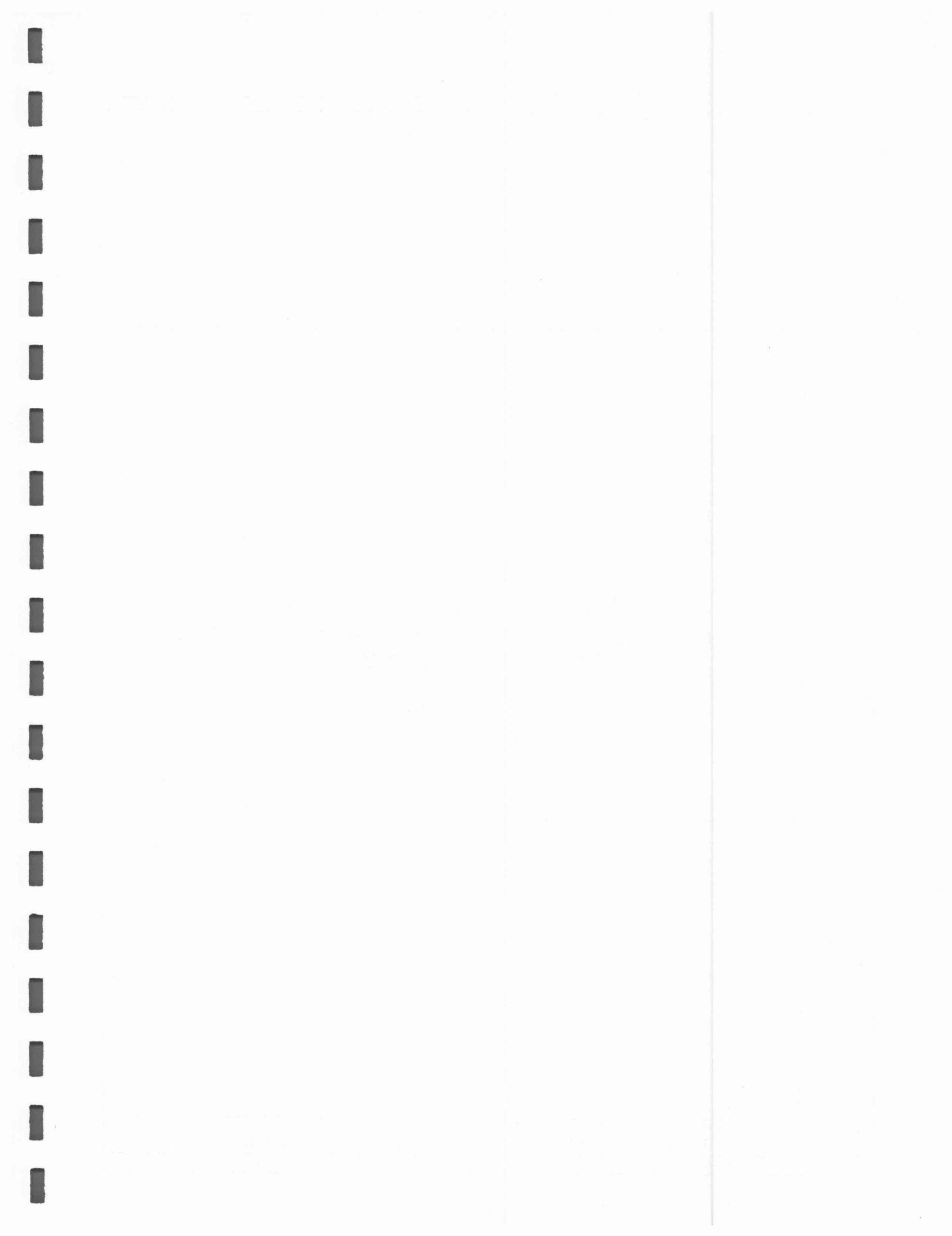
VEHICLE TRIPS							VEHICLE TRIPS						
From	To	Auto	Pickup and Panel	Single Unit & Bus	Semi Truck	Total	From	To	Auto	Pickup and Panel	Single Unit & Bus	Semi Truck	Total
715	701	14	1	2	2	19							
715	705	9	2			11							
715	706	1				1							
715	707	155	22	18	11	206							
715	708	3				3							
715	709		1			1							
715	711	231	30	13	26	300							
715	712	16	2	3	1	22							
715	713	1	1	1		3							
715	716	1				1							
701	715	9	2	1	1	13							
703	715	1				1							
705	715	9	2			11							
706	715	1				1							
707	715	172	25	15	14	226							
708	715	1				1							
709	715	2	2			4							
711	715	208	27	12	27	274							
712	715	18	3	3	1	25							
713	715	2	1			3							
Cl.4	Total	854	121	68	83	1,126							

TABLE E-2  
**ALBIA STUDY AREA**  
 NONDIRECTIONAL TRIPS BETWEEN STATIONS AND TRACTS  
 1969 AVERAGE JULY WEEKDAY TRAFFIC

VEHICLE TRIPS							VEHICLE TRIPS						
Between		Auto	Pickup and Panel	Single Unit & Bus	Semi Truck	Total	Between		Auto	Pickup and Panel	Single Unit & Bus	Semi Truck	Total
701	001	149	48	5	2	204	707	001	191	41	11	4	247
701	002	20	3	2		25	707	002	29	5	3	2	39
701	003	8		4		12	707	003	13				13
701	004	18	3			21	707	004	46	6	18	2	72
701	005	65	8	2		75	707	005	129	12	6	4	151
701	006		1			1	707	006	7	3			10
701	007	24	2	4		30	707	007	48	9	7		64
701	008	5	4	2		11	707	008	8	8	5		21
701	009	62	15	2		79	707	009	76	13	14	3	106
701	010	51	21	7	1	80	707	010	60	14	3	4	81
701	011	6	2	1		9	707	011	15				15
Cl.2&3	Total	408	107	29	3	547	Cl.2&3	Total	622	111	67	19	819
705	001	87	15		1	103	708	001	52	20			72
705	002	16	2			18	708	002	8	1			9
705	003	15	2			17	708	003	11	2			13
705	004	20		2		22	708	004	5	2			7
705	005	33	1			34	708	005	23		1		24
705	006	4				4	708	007	6	2			8
705	007	7	1	2		10	708	008	3	7			10
705	008		1			1	708	009	34	6	2		42
705	009	46	10			56	708	010	8	1	5		14
705	010	32	11			43	708	011	1				1
Cl.2&3	Total	260	43	4	1	308	Cl.2&3	Total	151	41	8		200

VEHICLE TRIPS							VEHICLE TRIPS						
Between		Auto	Pickup and Panel	Single Unit & Bus	Semi Truck	Total	Between		Auto	Pickup and Panel	Single Unit & Bus	Semi Truck	Total
709	001	66	9	3		78	701	705	2	1	2		5
709	002	3	3			6	701	707	14	5	1		20
709	003	6				6	701	708	3	2			5
709	004	8				8	701	709	4	2			6
709	005	19	1	1		21	701	711	181	27	33	12	253
709	006	1				1	701	712	90	17	31	33	171
709	007	10	1	1		12	701	713	4				4
709	008	4	1			5	701	715	23	3	3	3	32
709	009	8	2			10	Cl. 4 Total		321	57	70	48	496
709	010	12	6	3		21	Cl.2&3 Total		408	107	29	3	547
Cl.2&3	Total	137	23	8		168	701	Total	729	164	99	51	1,043
711	001	252	81	13		346	705	701	2	1			5
711	002	24	4	1		29	705	707	1	1			2
711	003	18	4			22	705	708	1				1
711	004	14	10			24	705	709	4				4
711	005	74	6	3		83	705	711	3	1			4
711	006	4				4	705	712	4	1			5
711	007	49	11	7	1	68	705	713	2				2
711	008	16	16	1		33	705	715	18	4			22
711	009	116	12	1		129	Cl. 4 Total		35	8	2		45
711	010	72	10	22		104	Cl.2&3 Total		260	43	4	1	308
711	011	2	1	1		4	705	Total	295	51	6	1	353
Cl.2&3	Total	641	155	49	1	846	707	701	14	5	1		20
712	001	141	37	14	6	198	707	705	1	1			2
712	002	15	4			19	707	706	2				2
712	003	13	1			14	707	708	6	1	1		8
712	004	14	3			17	707	709	10	2			12
712	005	55	5	5		65	707	711	283	38	20	8	349
712	007	33	12	22		67	707	712	569	76	52	95	792
712	008	11				11	707	713	7	2	2		11
712	009	52	4	6	4	66	707	715	327	47	33	25	432
712	010	21	13	16		50	Cl. 4 Total		1,219	172	109	128	1,628
712	011	6				6	Cl.2&3 Total		622	111	67	19	819
Cl.2&3	Total	361	79	63	10	513	707	Total	1,841	283	176	147	2,447
713	001	75	20	4		99	708	701	3	2			5
713	002	8				8	708	703		2			2
713	003	8				8	708	705	1				1
713	004	4	1			5	708	707	6	1			8
713	005	13	2			15	708	709	2				2
713	007	9				9	708	711	8	1			9
713	008			3		3	708	712	3	1			4
713	009	29	1	3		33	708	713	1				1
713	010	43	10	8		61	708	715	4				4
713	011	1				1	Cl. 4 Total		28	7	1		36
Cl.2&3	Total	190	34	18		242	Cl.2&3 Total		151	41	8		200
715	001	558	95	21	4	678	708	Total	179	48	9		236
715	002	55	6	2	4	67	708	701	3	2			5
715	003	81	3	1		85	708	703		2			2
715	004	50	14	2		66	708	705	1				1
715	005	128	17	4		149	708	707	6	1			8
715	006	2				2	708	709	2				2
715	007	35		4	2	41	708	711	1				1
715	008	10	1	3	1	15	708	712	3	1			4
715	009	286	26	7		319	708	715	2	3			5
715	010	134	37	20		191	Cl. 4 Total		26	8			34
715	011	18	1			19	Cl.2&3 Total		137	23	8		168
Cl.2&3	Total	1,357	200	64	11	1,632	709	Total	163	31	8		202

VEHICLE TRIPS							VEHICLE TRIPS						
Between		Auto	Pickup and Panel	Single Unit & Bus	Semi Truck	Total	Between		Auto	Pickup and Panel	Single Unit & Bus	Semi Truck	Total
711	701	181	27	33	12	253	713	701	4				4
711	704	1				1	713	705	2				2
711	705	3	1			4	713	707	7	2	2		11
711	707	283	38	20	8	349	713	708	1				1
711	708	8	1			9	713	711	3	2			5
711	709	1				1	713	715	3	2	1		6
711	712	80	14	12	9	115	Cl. 4 Total		20	6	3		29
711	713	3	2			5	Cl. 2&3 Total		190	34	18		242
711	715	439	57	25	53	574	713 Total		210	40	21		271
Cl. 4 Total		999	140	90	82	1,311							
Cl. 2&3 Total		641	155	49	1	846							
711 Total		1,640	295	139	83	2,157							
712	701	90	17	31	33	171	715	701	23	3	3	3	32
712	705	4	1			5	715	703	1				1
712	707	569	76	52	95	792	715	705	18	4			22
712	708	3	1			4	715	706	2				2
712	709	3	1			4	715	707	327	47	33	25	432
712	711	80	14	12	9	115	715	708	4				4
712	715	34	5	6	2	47	715	709	2	3			5
Cl. 4 Total		783	115	101	139	1,138	715	711	439	57	25	53	574
Cl. 2&3 Total		361	79	63	10	513	715	712	34	5	6	2	47
712 Total		1,144	194	164	149	1,651	715	713	3	2	1		6
							715	716	1				1
							Cl. 4 Total		854	121	68	83	1,126
							Cl. 2&3 Total		1,357	200	64	11	1,632
							715 Total		2,211	321	132	94	2,758



3 1723 02035 4585



