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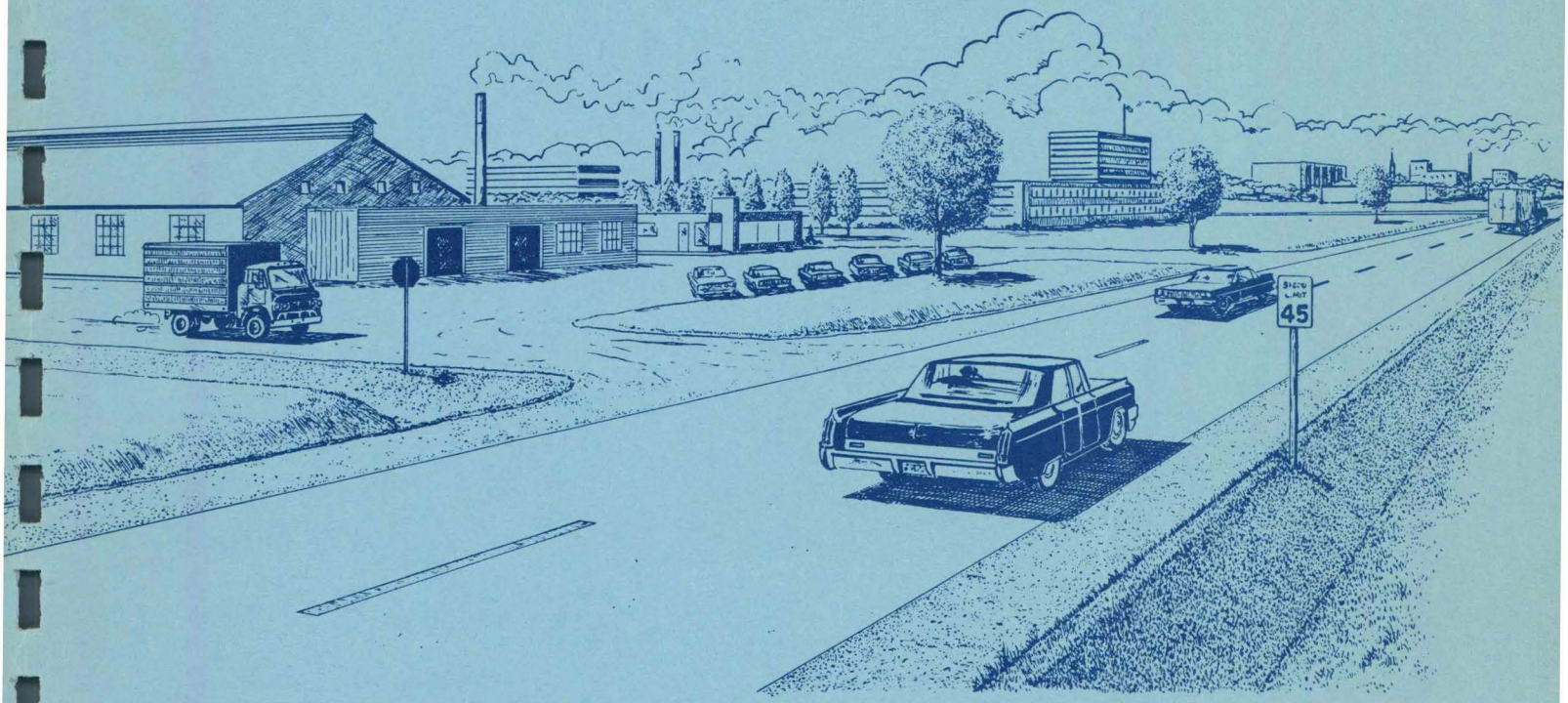


Origin and Destination traffic report

Iowa

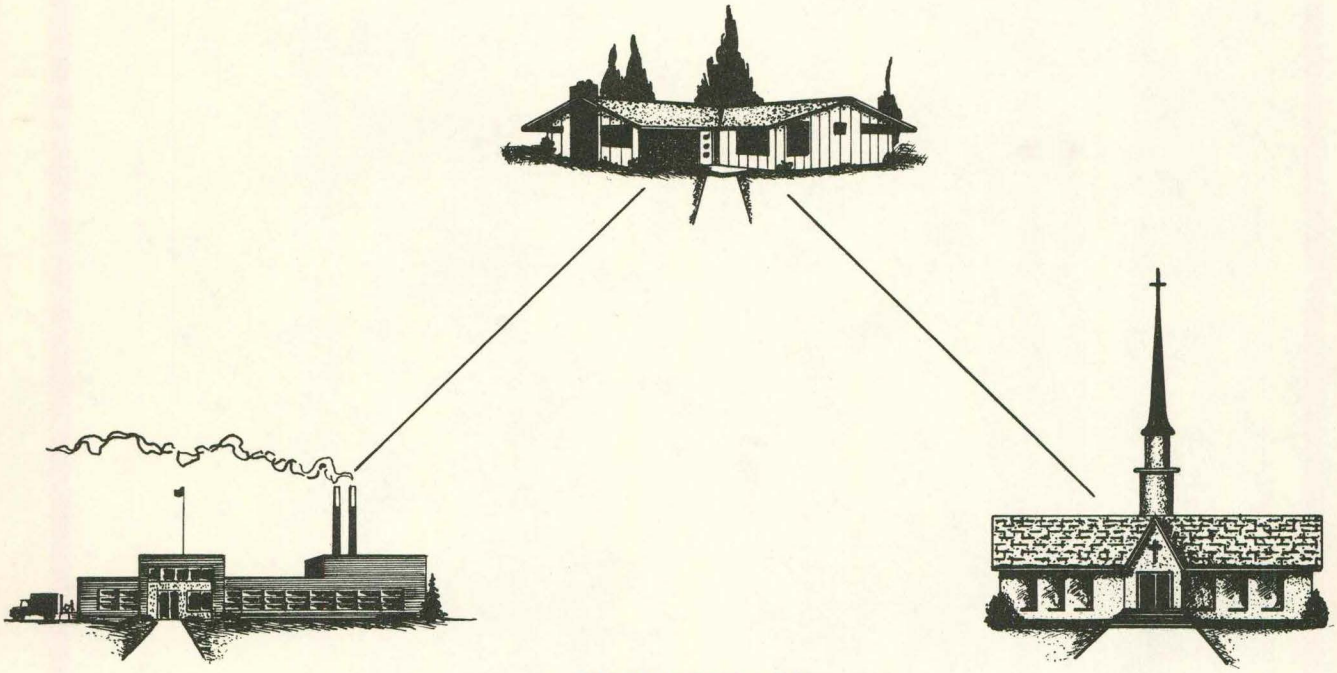
JUNE 1962

State of Iowa

MASON CITY

Origin And Destination Traffic Study

April 1964



PREPARED BY

TRAFFIC AND HIGHWAY PLANNING DEPARTMENT

DIVISION OF PLANNING

IOWA STATE HIGHWAY COMMISSION

IN COOPERATION WITH THE

UNITED STATES DEPARTMENT OF COMMERCE

BUREAU OF PUBLIC ROADS

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INTRODUCTION

During the summer of 1961, the Iowa State Highway Commission, in cooperation with the United States Bureau of Public Roads, began work on the external phase of an external-internal origin-destination traffic study in Mason City.

Motorists traveling to or from the Mason City urban area on primary roads were interviewed in June of 1961 regarding the origin and destination of their trip, purpose of the trip etc. Similar interviews were conducted the following year on secondary roads entering the urban area and at interview stations located in an internal cordon line around the central business district.

The purpose of this study was to obtain extensive information regarding traffic patterns and volumes in the Mason City urban area. Factual and complete data of this nature is essential in the planning of streets and highways which will not only serve the needs of local traffic, but which will serve the needs of interstate and intercity traffic as well.

It is not the purpose of this report to make recommendations concerning the revision or construction of routes. It is rather to organize and present the findings of the study in a manner which will implement the planning of efficient and economical streets and highways for the Mason City urban area.

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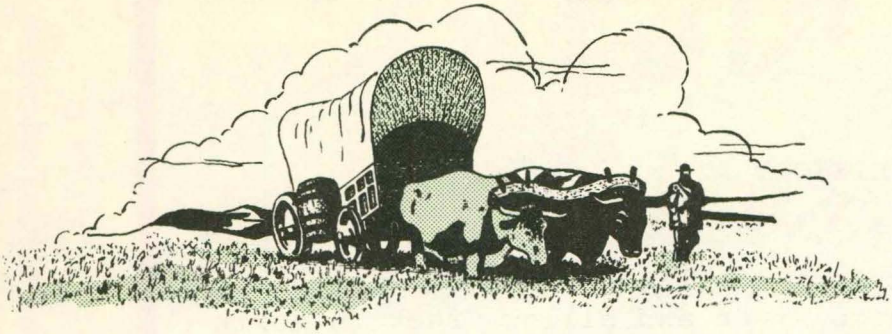
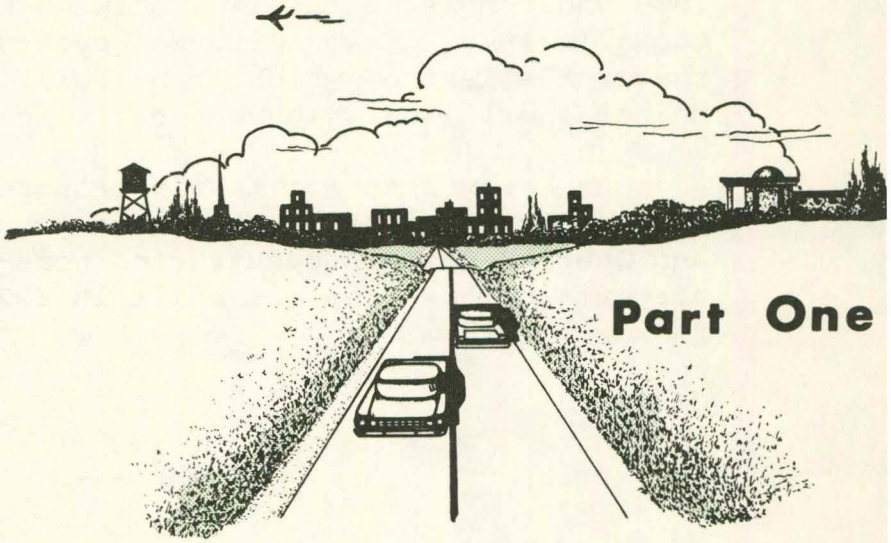
DEFINITIONS OF TECHNICAL TERMS

Central Business District (C.B.D.)	The major business district of a city.
Cordon Line	A hypothetical line delimiting the area under study and composed of traffic interview stations located on the major traffic arteries at or near the corporate limits.
Destination	The location of the objective of a trip.
Desire Line	A straight line between the point of origin and point of destination without regard to routes of travel.
External Local Trip	A trip having either origin or destination within the study area and which passes through only one interview station in the external cordon line enroute to its destination.
External Through Trip	A trip having neither origin nor destination within the study area and which passes through two or more interview stations in the external cordon line enroute to its destination.
Internal Trip	A trip having both origin and destination within the study area.
Origin	The location from which a driver started a trip.
Study Area	The area enclosed by the external cordon line of interview stations and generally corresponding with corporation lines or urban area lines.
Traffic	The total number of vehicles passing a given point.



History and Developement



Part One

HISTORY

In 1853, a small settlement called Shibboleth was established between the Winnebago River and Willow Creek in north central Iowa. Many of the early settlers in this area were of the Masonic order and the name of the settlement was soon changed to Masonic Grove and finally, in 1854, to Mason City.

John L. MacMillan and James Jenkinson built the first log cabin within the present limits of Mason City in the fall of 1853. The MacMillan store was the location of the first election in Cerro Gordo County in 1855, and in 1856 it held the first formal religious service in Mason City.

The first mill in Cerro Gordo County was erected in 1855 on Lime Creek by Elisha Randall who also built the first lime kiln in this area at about the same time. In 1872, he invented and patented what was known as Randall's Perpetual Lime Kiln which was so successful that it was soon adopted in many parts of the country. Randall's mill was the first of Mason City's many industries.

The growing population of the new community created a need for postal service and in 1855 Mason City received its first post office. The following year the first school in this area was constructed.

The first newspaper published in Mason City was the <u>Cerro Gordo Press</u>, established in 1858 by Datus Coon.

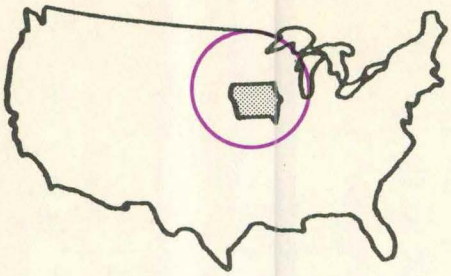
The Milwaukee Railroad began laying track to Mason City in 1869 and completed the line between Mason City and Austin, Minnesota in 1870. Mason City was eventually served by six railroads, the last of which to be built was the St. Paul and Des Moines short line which was built in 1909.

An early interest in air transportation in the Mason City area became evident in 1915 when two local men, Kenneth Jay and Charles Hathorn constructed home-built planes. The first airport in this area was built in 1927.

From its humble beginning, Mason City has grown steadily and today has a population in excess of 30,000. Mason City's major industries and services include pork and beef processing, portland cement, medical services, beet sugar, brick and tile, butter and poultry products, sand and gravel, millwork and others.

Mason City is the county seat of Cerro Gordo County and is located in the heart of a rich agricultural area in north-central Iowa, 140 miles south of Minneapolis and 130 miles north of Des Moines. A network of paved and graveled roads serve the Mason City area including U.S. Highways 65 and 18 and Iowa Highway 106.

STUDY AREA POSITION IN THE MIDWEST



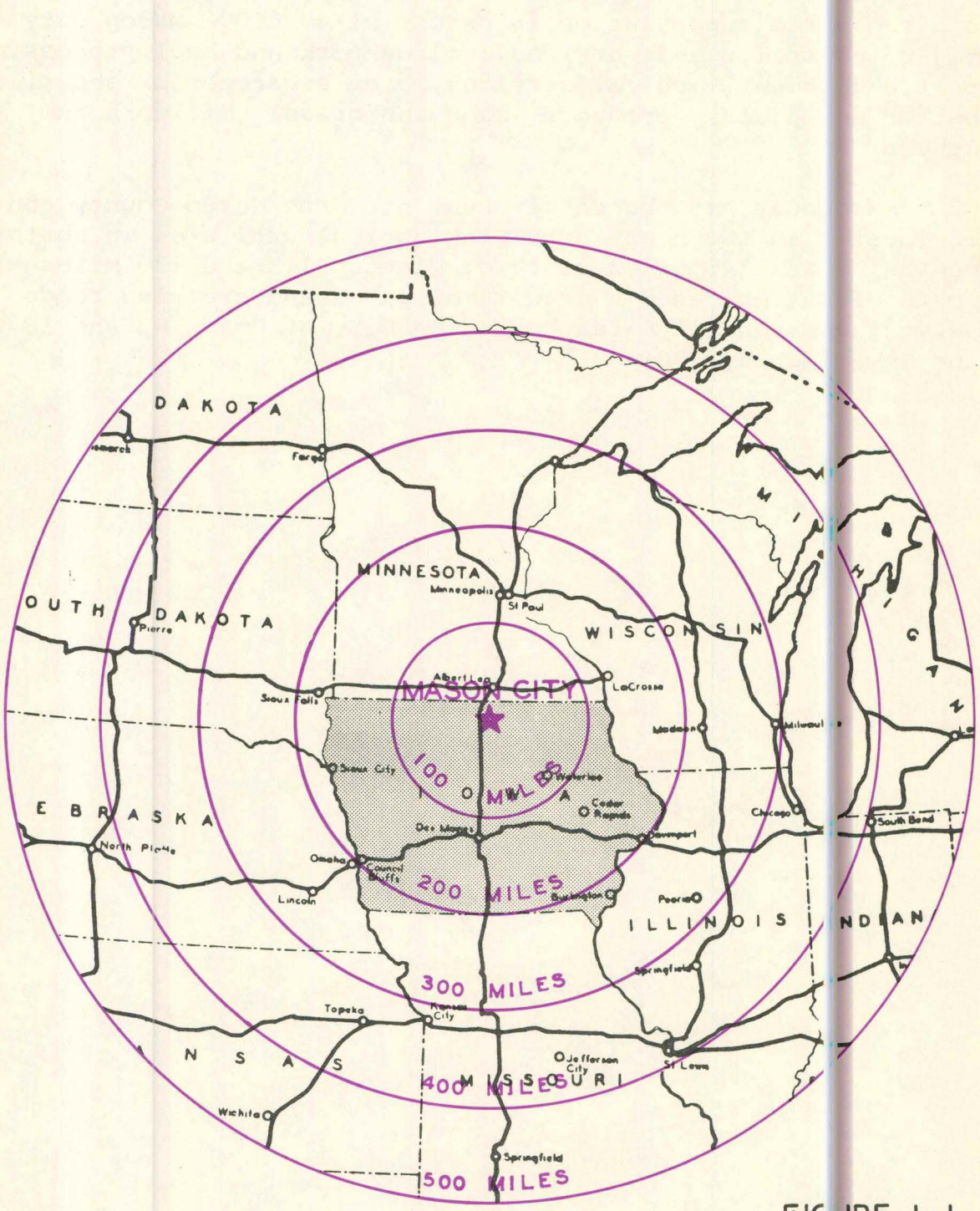
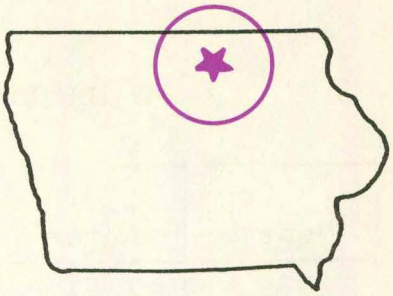


FIGURE 1-1

STUDY AREA POSITION IN IOWA



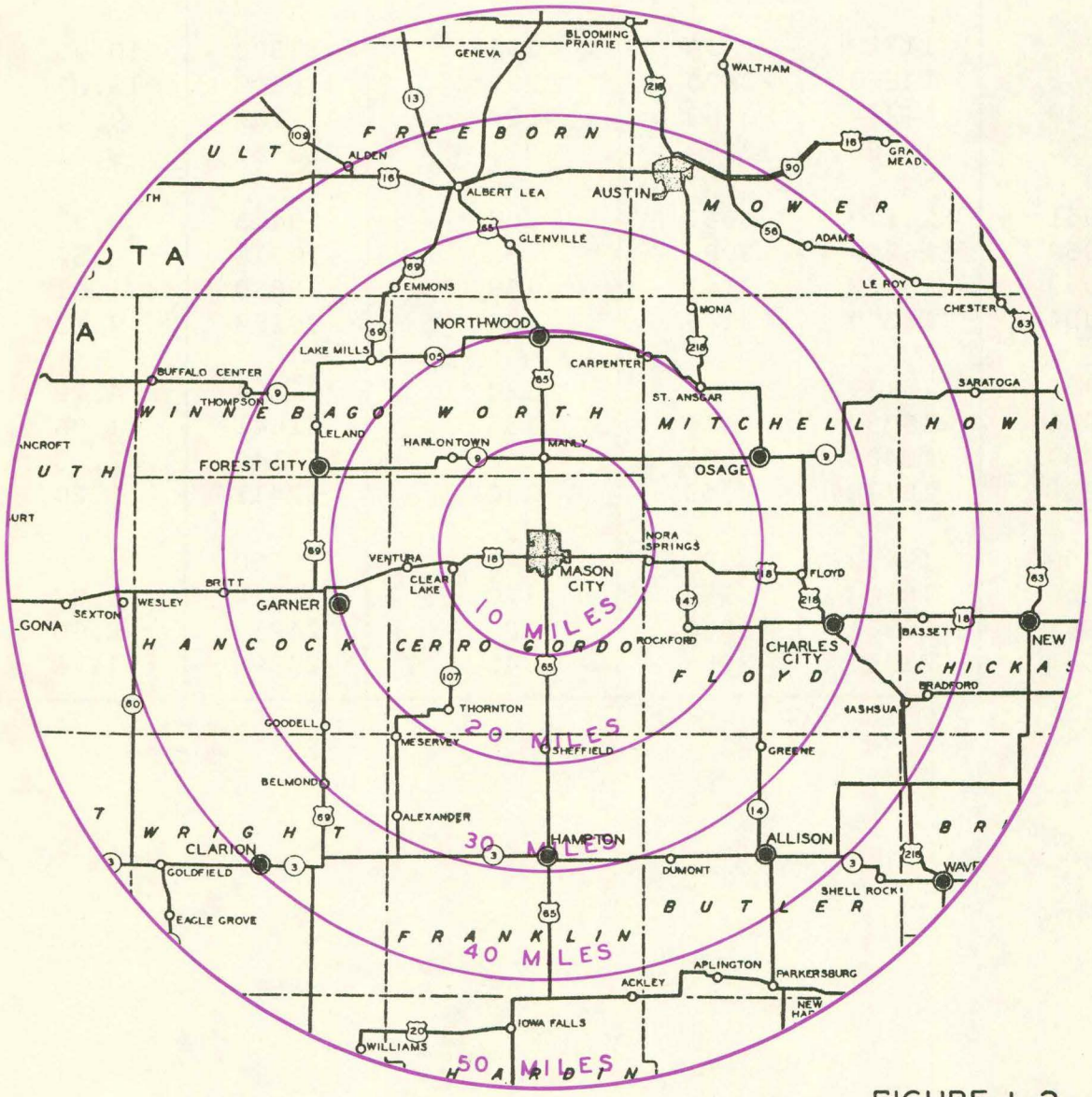


FIGURE 1-2

Table 1-1

MOTOR VEHICLE REGISTRATION IN CERRO GORDO COUNTY
From 1939 Through 1962

Year	Autos	Trucks	Motorcycles	Total	Percent Change
1939	11517	1701	78	13296	
1940	12000	1820	77	13897	4.52
1941	12331	1911	73	14315	3.01
1942	11171	1762	71	13004	- 9.16
1943	9946	1635	54	11635	-10.53
1944	9665	1596	60	11321	- 2.70
1945	9595	1643	66	11304	- .15
1946	10482	1923	112	12517	10.73
1947	11318	2319	163	13800	10.25
1948	12860	2625	223	15708	13.83
1949	14214	2769	224	17207	9.54
1950	15686	2882	224	18792	9.21
1951	16179	3032	204	19415	3.32
1952	16246	3088	181	19515	.52
1953	16529	3143	158	19830	1.61
1954	16879	3240	134	20253	2.13
1955	17749	3345	130	21224	4.79
1956	18030	3476	135	21641	1.96
1957	18408	3595	142	22145	2.33
1958	18728	3543	140	22411	1.20
1959	19422	3626	142	23190	3.48
1960	19904	3550	170	23624	1.87
1961	20371	3658	209	24238	2.60
1962	21290	3866	240	25396	4.78

FIGURE 1-3

MOTOR VEHICLE REGISTRATION IN CERRO GORDO COUNTY FROM 1939 THROUGH 1962

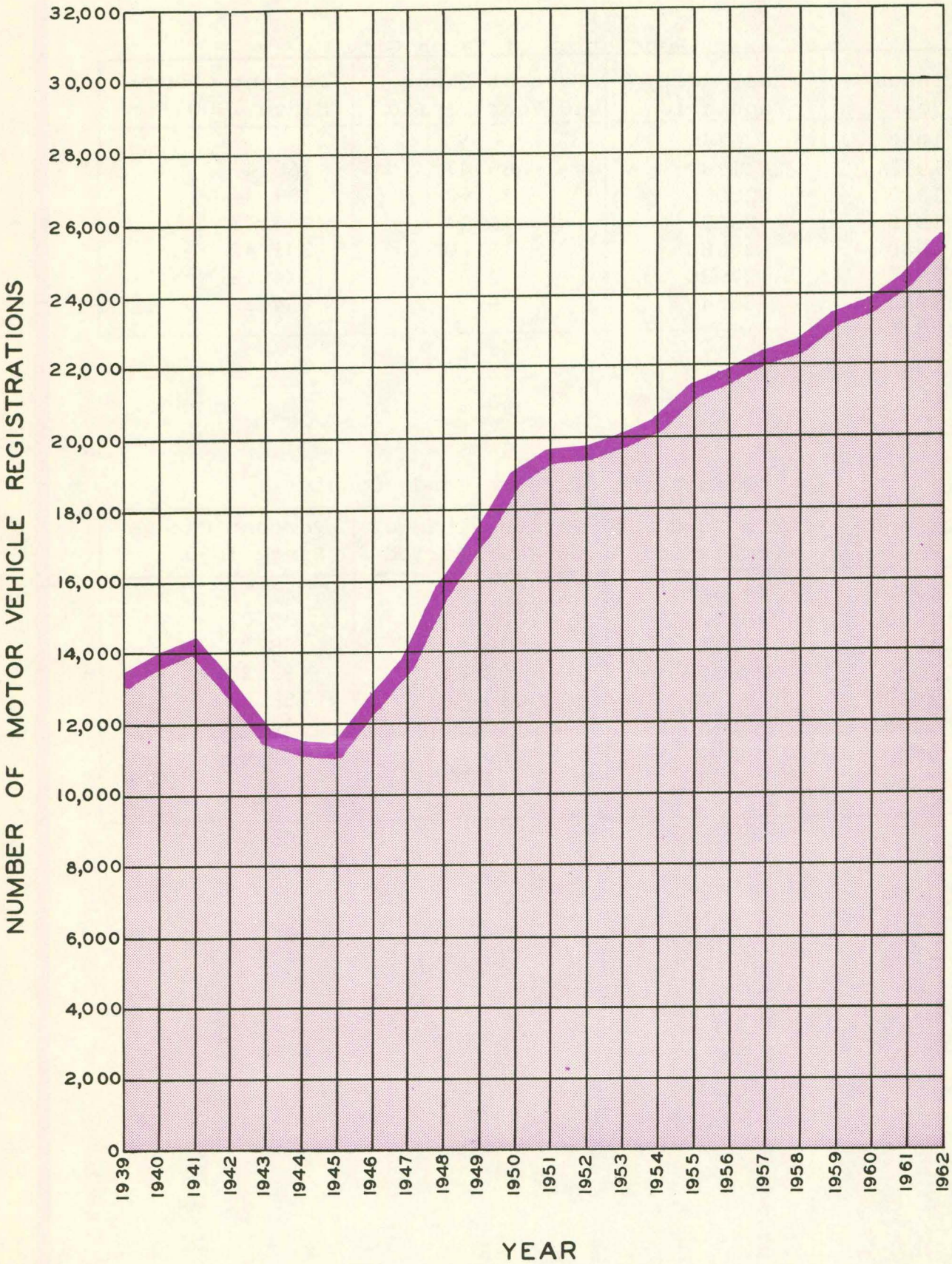


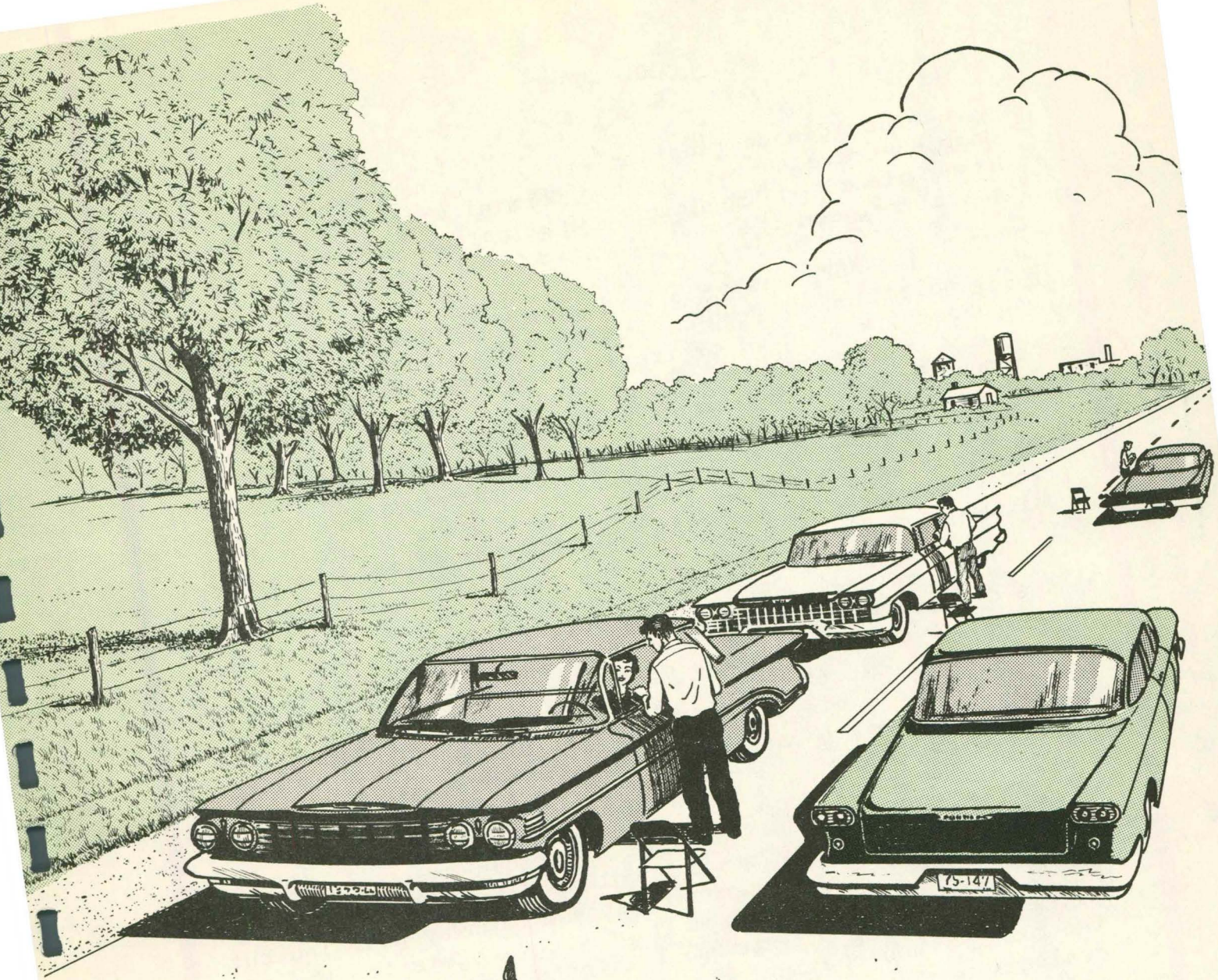
Table 1-2
POPULATION OF MASON CITY AND CERRO GORDO COUNTY

Population of Mason City

Census Year	Mason City Population	Percent Change 10 Year Period	Percent Change Since 1900
1900	6746		
1910	11230	66.47	66.47
1920	20065	78.67	197.44
1930	23304	16.14	245.45
1940	27080	16.20	301.42
1950	27980	3.32	314.76
1960	30642	9.51	354.22

Population of Cerro Gordo County

Census Year	Cerro Gordo Co Population	Percent Change 10 Year Period	Percent Change Since 1890
1890	14864		
1900	20672	39.07	39.07
1910	25011	20.99	68.27
1920	34675	38.64	133.28
1930	38476	10.96	158.85
1940	43845	13.95	194.97
1950	46053	5.04	209.83
1960	49894	8.34	235.67



Survey Procedure

Part Tw

THE SURVEY

An origin-destination study, as the name implies is a comprehensive survey of trip termini with special emphasis being placed on the origin, destination, and routes of travel between the terminal points of each trip.

In comprehensive planning for traffic service and in the selection of design standards for urban area highway projects, knowledge of traffic volumes on various portions of the street system is essential. Traffic volume data alone, however, is inadequate as a basis for an evaluation of traffic needs either upon an individual section or upon the street system as a whole. A penetrating examination of the flow of traffic is required to provide adequate data for the development of an efficient and economical street or highway program.

Properly conducted, such an examination will reveal the origins and destinations of trips which comprise the stream of traffic. These data may show that an existing highway is well located to serve the major portion of its traffic as efficiently as may be practicable or they may show that a new location is required for more efficient traffic service.

The ultimate goal then, of an origin-destination study, is to obtain not only traffic volume data which will govern design standards in future street and highway planning but also to obtain data which will provide a basis for the most efficient routing of traffic. In other words, knowledge of the origins and destinations of trips permits both the evaluation of the need for improvement of existing highways and of the need for new highways to promote the most efficient traffic circulation in the area under consideration.

One method of obtaining accurate origin-destination data is to interview vehicle drivers as they pass through strategically located interview stations. In Mason City, interview stations were established at or near the corporate limits on each of the rural roads and highways entering the urban area. Interviewing was done on each of the primary roads in June of 1961. The following year, in June of 1962, interview stations were established on each of the secondary roads enter-

ing the urban area. In all, a total of twenty interview stations were used in an external cordon line around the urban area.

In addition to the external interview stations, a total of thirty-five internal interview stations divided into eight groups were established around the perimeter of the central business district in June of 1962. The urban area was divided into thirty-five internal tracts to facilitate the location of trip termini within the study area.

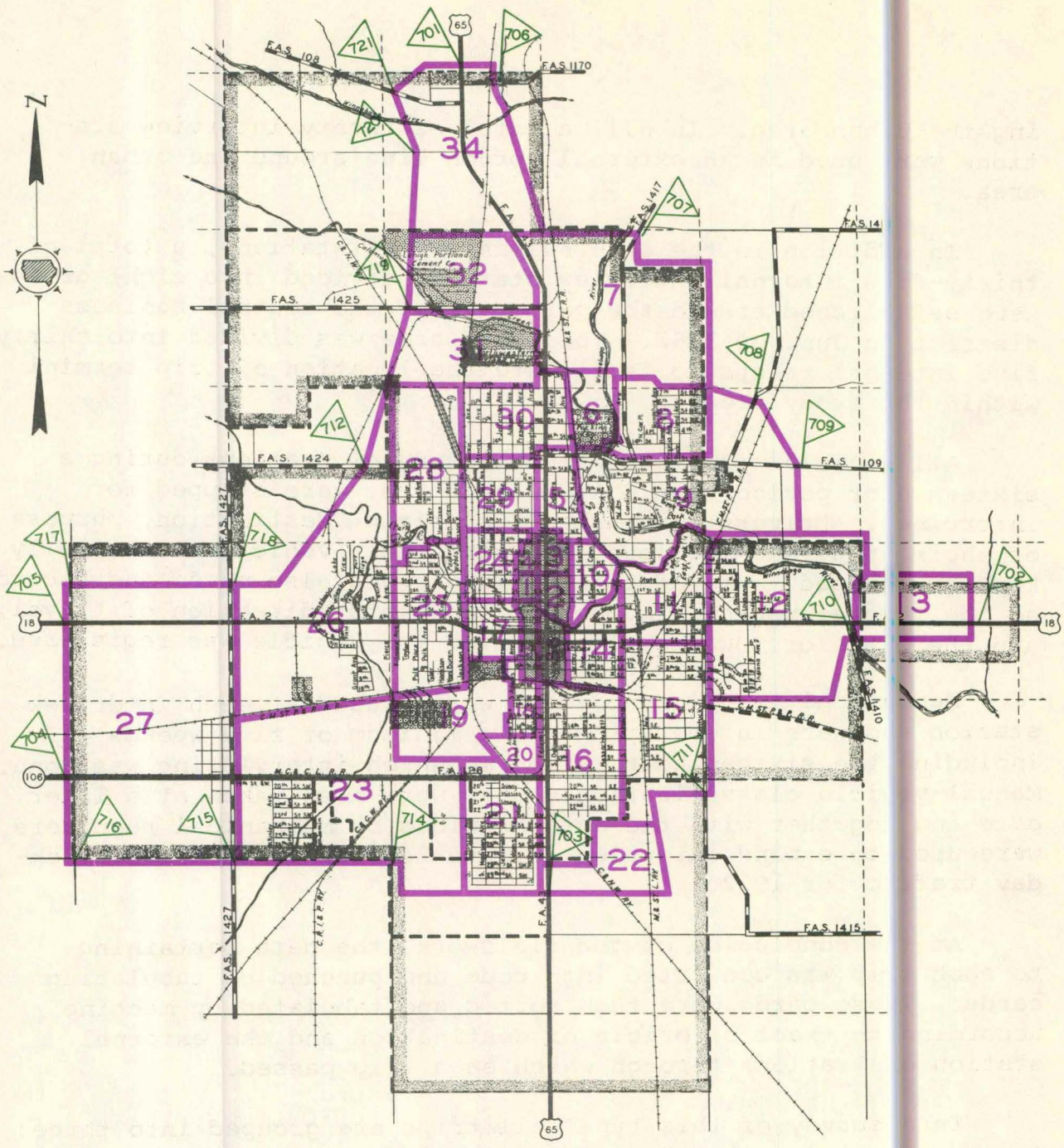
All vehicles passing through interview stations during a sixteen hour period from 6 A.M. to 10 P.M. were stopped for interviews. Drivers were asked the origin, destination, purpose of their trip, and the location where their vehicle was normally kept or garaged. In addition, interviewers also noted and recorded the type of vehicle, number of occupants, direction of travel, and the state or Iowa county in which the vehicle was registered.

Mechanical traffic recorders were placed at each interview station and were in operation for a minimum of five weekdays including the sixteen hour period in which interviewing was done. Manual vehicle classification counts were also taken at a later date and together with the data provided by mechanical recorders, were used to expand interview data to 24 hour average June weekday traffic for 1962.

At the conclusion of the fieldwork, the data pertaining to each trip was converted into code and punched on tabulating cards. These cards were then sorted and tabulated by machine according to tract of origin or destination and the external station or stations through which each trip passed.

In a survey of this type, all trips are grouped into three main categories. (1) External local trips which have only one terminal point within the study area which may be either origin or destination. (2) External through trips which have neither origin nor destination within the study area. (3) Internal trips which have both origin and destination within the study area.

Final tabulations showing the movements of trips to, from, within, and through the Mason City urban area are included in this report along with the traffic flow charts and desire line charts illustrating these movements.



LEGEND

STATION NUMBER AND LOCATION

TRACT NUMBER 8

TRACT BOUNDARY LINE

FIGURE 2-1

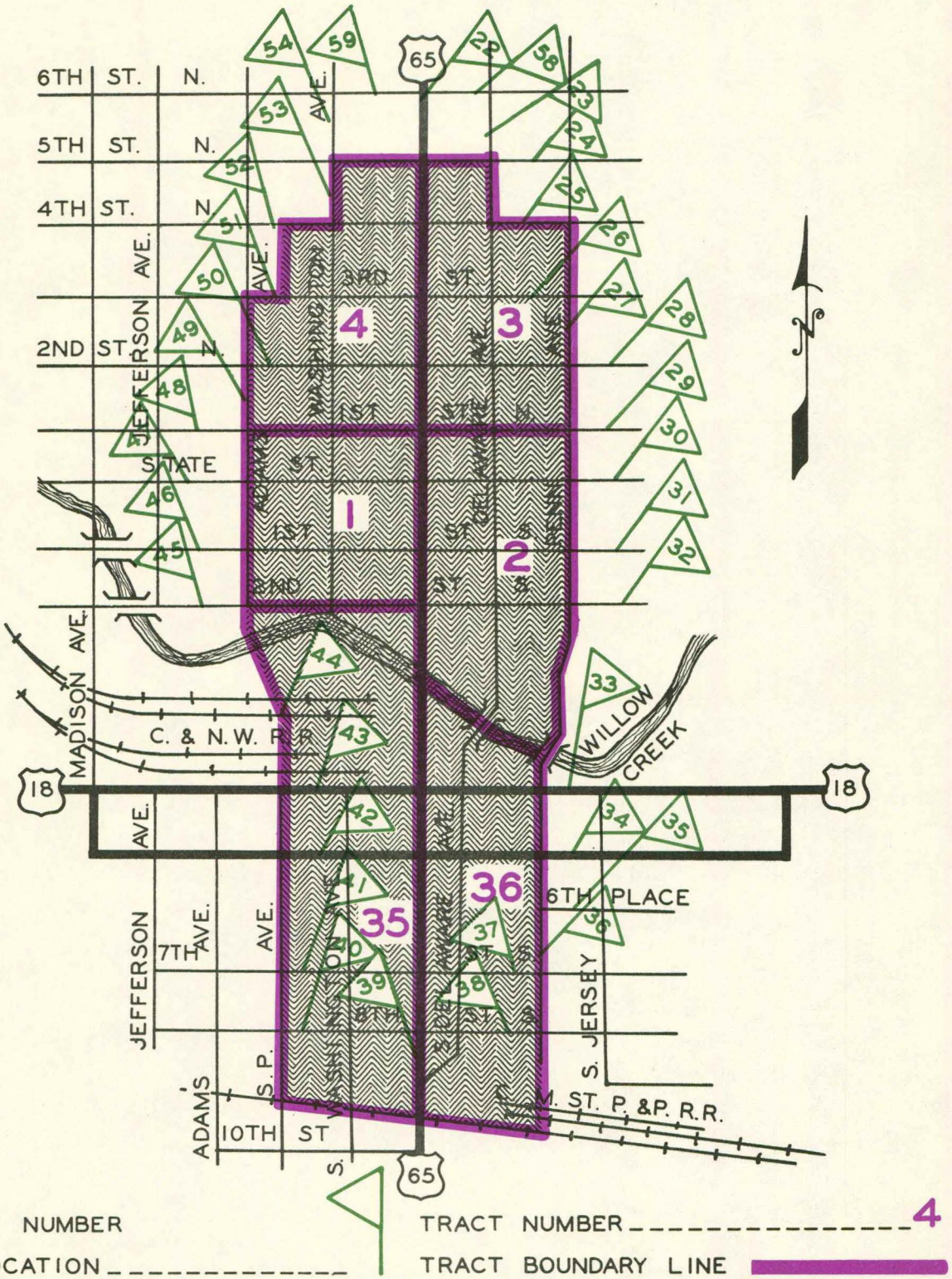
TRACT MAP OF THE

MASON CITY URBAN AREA

WITH EXTERNAL STATION LOCATIONS

FIGURE 2-2

TRACT MAP OF THE MASON CITY CENTRAL BUSINESS DISTRICT WITH INTERNAL STATION LOCATIONS



STATION NUMBER AND LOCATION

TRACT NUMBER 4

TRACT BOUNDARY LINE

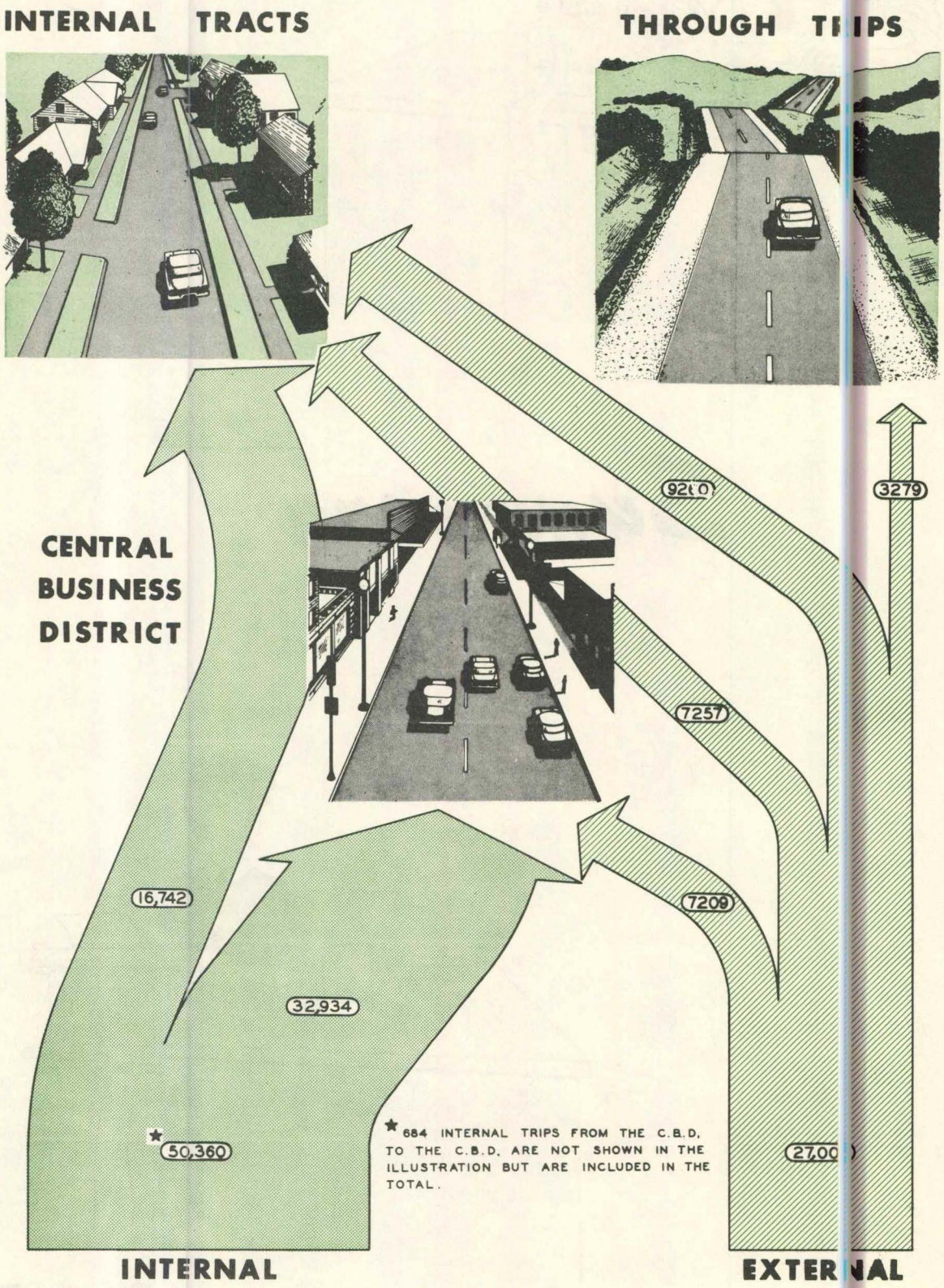
Summary

Part Three

FIGURE 3-1

DISTRIBUTION OF TRIPS THROUGH AND WITHIN THE MASON CITY URBAN AREA

AVERAGE JUNE WEEKDAY TRAFFIC 1962



SUMMARY OF MAJOR TRAFFIC MOVEMENTS

Figure 3-1 on the adjoining page graphically illustrates the major traffic movements to, from, within and through the Mason City urban area. A total of 77,365 trips are represented in the figure at left and of this total,

> 32,934 trips or 42.57 percent of the total number of trips were between the central business district and other internal tracts.
>
> 16,742 trips or 21.64 percent of the total number of trips were between internal tracts by way of the central business district.
>
> 7,209 trips or 9.32 percent of the total number of trips were between external entrances and the central business district.
>
> 7,257 trips or 9.38 percent of the total number of trips were between external entrances and internal tracts by way of the central business district.
>
> 9,260 trips or 11.97 percent of the total number of trips were between external entrances and internal tracts not by way of the central business district.
>
> 3,279 trips or 4.24 percent of the total number of trips were external through trips with no desire in the Mason City urban area.
>
> 684 trips or .88 percent of the total number of trips were trips which had both origin and destination in the central business district.

All trip data above and on the adjoining page were computed as average June weekday traffic for 1962.

Table 3-1
VEHICLE TYPE SUMMARY

Average June Weekday Traffic 1962

		Station Location	Passenger cars and pickups	Single unit trucks	Truck combinations	Total	No. of Interviews	Percent Interviewed	Hours of Interviews
External Stations	Primary Roads	701, U.S. 65 North	4447	373	360	5180	3348	64.63	15
		702, U.S. 18 East	3516	279	236	4031	2514	62.37	13
		703, U.S. 65 South	4843	360	272	5475	3395	62.01	15
		704, Iowa 106 West	2301	164	39	2504	687	27.44	10
		705, U.S. 18 West	6998	389	227	7614	5757	75.61	16
		Primary Road Total	22105	1565	1134	24804	15701	63.30	
	Secondary Roads	706, F.A.S. 1170 East	308	60		368	360	97.83	15
		707, North Carolina Av. N.	207	6		213	187	87.79	15
		708, Plymouth Rd. North	581	46	4	631	544	86.21	15
		709, 12th St. Northeast	1565	268	14	1847	1417	76.72	15
		710, F.A.S. 1410 South	331	30	5	366	343	93.72	16
		711, Kentucky Ave. South	140	10		150	166	110.67	16
		712, 12th St. Northwest	1425	86	27	1538	1269	82.51	16
		714, Pierce Ave. South	56	2		58	74	127.59	16
		715, F.A.S. 1427 South	188	11		199	206	103.52	16
		716, Local Road South	81	1		82	65	79.27	15
		717, Local Road North	692	55	28	775	667	86.06	16
		718, F.A.S. 1427 North	760	46	9	815	714	87.61	16
		719, F.A.S. 1425 West	256	7		263	207	78.71	16
		720, Local Road West	175	16		191	201	105.23	16
		721, F.A.S. 108 West	86	6	21	113	113	100.00	16
		Secondary Total	6851	650	108	7609	6533	85.86	
		External Stations Total	28956	2215	1242	32413	22234	68.60	
Internal Stations		North Entrance	10872	417	275	11564	6910	59.75	16
	C. B. D. Entrances	Northeast Entrances	14901	559	76	15536	10229	65.84	16
		East Entrances	8934	292	24	9250	6110	66.05	16
		Southeast Entrances	8862	403	165	9430	6528	69.23	16
		South Entrance	15984	684	333	17001	12256	72.09	16
		Southwest Entrances	12154	591	220	12965	9512	73.37	16
		West Entrances	10378	221	23	10622	7627	71.80	16
		Northwest Entrances	7799	192	9	8000	4757	59.46	16
		Internal Stations Total	89884	3359	1125	94368	63929	67.74	
		Grand Total	118840	5574	2367	126781	86163	65.60	

11
129

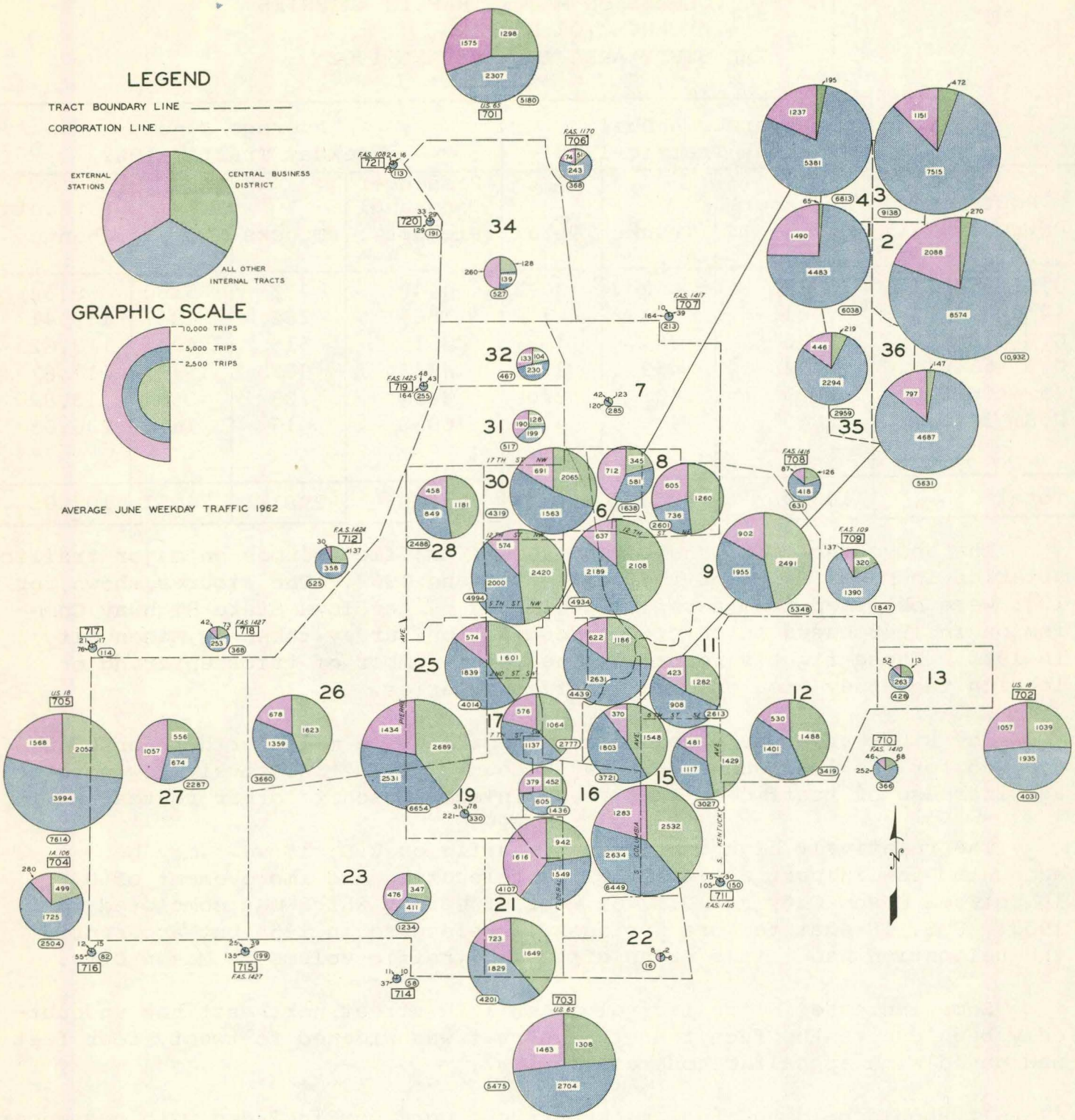


FIGURE 3-2
DISTRIBUTION OF TRIPS TO OR FROM
THE CENTRAL BUSINESS DISTRICT,
OTHER INTERNAL TRACTS
AND/OR EXTERNAL STATIONS
MASON CITY URBAN AREA

Table 3-2
TRAFFIC VOLUMES ON MAJOR TRAFFIC ARTERIES
ENTERING OR LEAVING
THE STUDY AREA IN 1945 AND 1962

	Average Annual Weekday Traffic-1945			Average June Weekday Traffic-1962			
Route of Entry or Exit	Passenger Cars	Trucks	Total	Passenger Cars and Pickups	Trucks	Total	Percent Change
U.S. 65 N.	2410	662	3072	4447	733	5180	68.62
12th St. N.E.	581	131	712	1565	282	1847	159.41
U.S. 18 E.	1506	381	1887	3516	515	4031	113.62
U.S. 65 S.	2054	459	2513	4843	632	5475	117.87
Ia. 106 W.	1799	401	2200	2301	203	2504	13.82
U.S. 18 W.	2049	439	2488	6998	616	7614	206.03
Total	10399	2473	12872	23670	2981	26651	107.05

The above table shows a comparison of traffic volumes on major traffic arteries in Mason City for the years 1945 and 1962. The figures shown for 1945 were obtained from a report published by the Iowa State Highway Commission in 1949 based on an origin-destination survey taken in Mason City in 1945. These figures represent the total number of trips entering or leaving the study area on major traffic arteries.

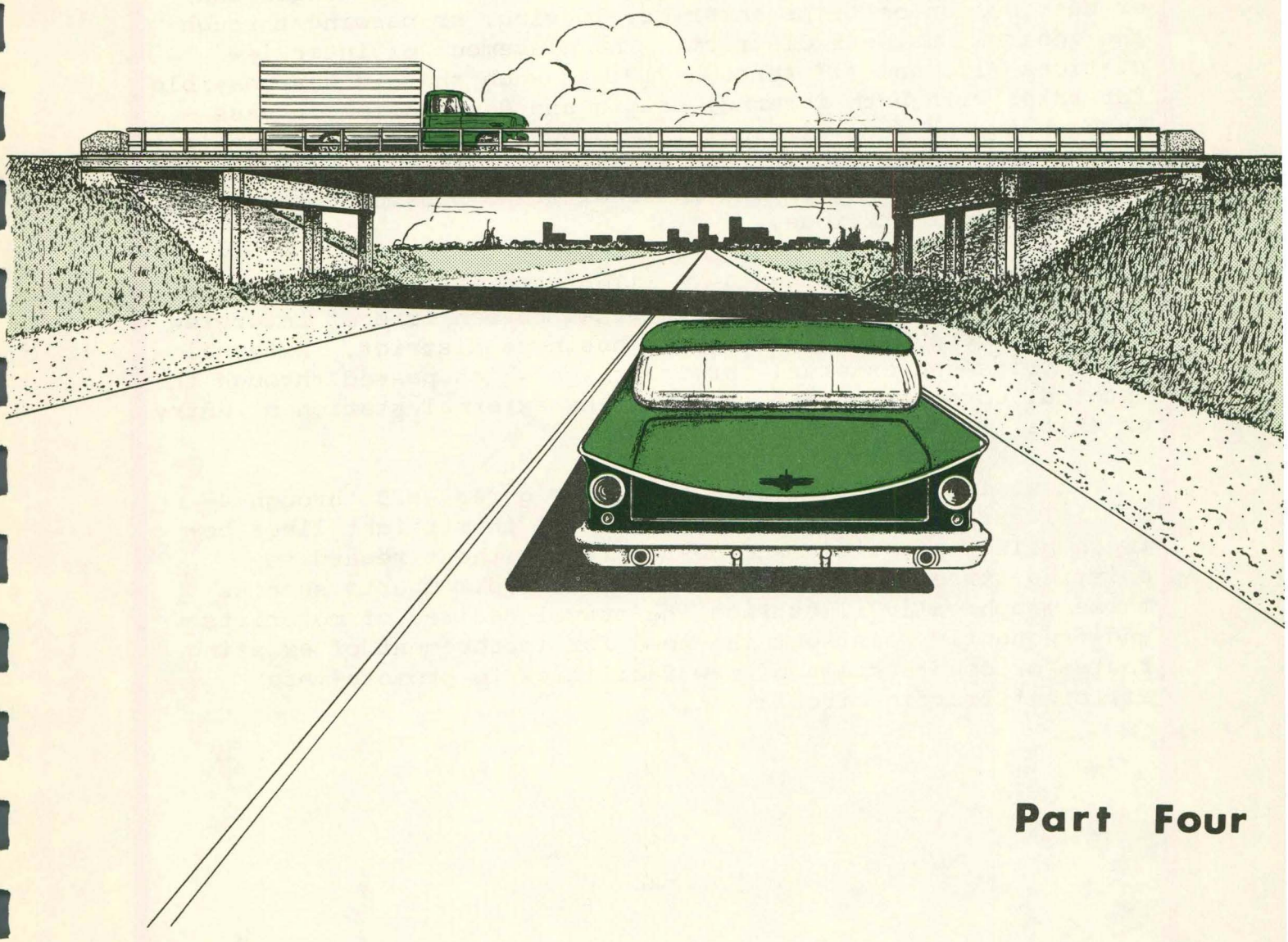
The study area was extended approximately one mile further north on U.S. 65 for the 1962 survey and may account for the relatively low percentage increase of traffic on this route in comparison to other routes.

The relatively high increase in traffic on U.S. 18 west may be accounted for in part at least by the relocation and improvement of U.S. 18 between Mason City and U.S. 69 west of Garner which was completed in 1952. U.S. 18 east to Nora Springs was relocated in 1955 but apparently the relocation had little or no effect on traffic volume in Mason City.

Some increase in traffic volume on 12th street northeast has undoubtedly been due to the fact that this street was widened to twenty-four feet and paved with asphaltic concrete in 1957.

It should be noted that pickup trucks were not included with passenger cars in the 1945 survey data, but were added in with other trucks. This probably accounts in part for the difference in the ratio of increase between passenger cars and trucks in the two surveys.

Traffic Movements



Part Four

TRAFFIC MOVEMENTS

The following traffic flow charts and the accompanying table across from each flow chart illustrate the origin and/or destination of trips in relation to the specific interview station through which these trips passed. These charts are not intended to show exact routes traveled, but rather to indicate the terminal area in which these trips began or ended and the volume of traffic passing through an interview station at a given location. Trip origins and destinations are not differentiated and the tract or station totals shown may be considered as either origin or destination.

Figures 4-1 through 4-20 illustrate the internal termini of trips entering or leaving the Mason City urban area. Figures 4-21 through 4-28 illustrate the internal origin and/or destination of trips entering, leaving, or passing through the central business district. The placement of interview stations 712, and 717 through 719 was such that it was possible for trips with both internal origin and destination to pass through two or more external interview stations. The traffic flow charts shown in figures 4-12 and 4-16 through 4-18 illustrate both terminals of the internal trips passing through these external stations.

Figures 4-21 through 4-28 illustrate the internal termini of trips passing through the internal cordon line of interview stations surrounding the central business district. External local trips and external through trips which passed through the internal cordon line are shown at the external station of entry or exit.

A series of desire line charts (Figures 4-29 through 4-37) illustrate desired routes of travel in straight lines between points of origin and destination without regard to existing streets or actual routes traveled. Charts such as these graphically illustrate the travel desires of motorists and frequently point out the need for improvement of existing routes or construction of new facilities to promote more efficient traffic circulation.

Figures 4-38 through 4-41 illustrate the external termini of trips entering or leaving the Mason City urban area. These illustrations have been drawn in much the same manner as internal flow charts and indicate trip termini within Cerro Gordo county by city, town, or rural area. Those trips having termini beyond Cerro Gordon county are shown by county of origin or destination. Trips having termini outside the State of Iowa are shown as entering or leaving Iowa by the route of entry or exit which is most direct to the study area.

Figures 4-42 and 4-43 show the average annual daily traffic on rural primary highways entering Mason City and on primary extensions and major streets in the urban area. The data shown in figures 4-42 and 4-43 were obtained from traffic counts rather than from interviews and indicates average annual daily traffic rather than average June weekday traffic for 1962.

Table 4-1

Origin or Destination of Trips
Passing Through Station 701,
U.S. 65 North

	Trips	Percent
Trips with internal origin or destination	3605	69.59
Trips with external origin and destination	1575	30.41
Grand total of all trips through station 701	5180	100.00
Trips with origin or destination in C.B.D.	1298	25.06
Percent of total traffic through all external interview stations		20.88

External Local Trips

Tract		Trips	Percent	Tract	Trips	Percent
C.B.D.	1	303	5.85	16	94	1.81
	2	364	7.03	17	121	2.34
	3	194	3.74	18	38	.73
	4	260	5.02	19		
	35	56	1.08	20*	137	2.64
	36	121	2.34	21	59	1.14
Subtotal		1298	25.06	22	2	.04
	5	105	2.03	23	48	.93
	6	225	4.34	24	85	1.64
	7	9	.17	25	206	3.98
	8	70	1.35	26	90	1.74
	9	95	1.83	27	142	2.74
	10	49	.95	28	65	1.25
	11	71	1.37	29	88	1.70
	12	53	1.02	30	147	2.84
	13	3	.06	31	84	1.62
	14	43	.83	32	44	.85
	15	36	.70	34	98	1.89
				Total	3605	69.59

External Through Trips

Station	Trips	Percent	Station	Trips	Percent
701			712	13	.25
702	124	2.39	714	1	.02
703	862	16.64	715	4	.07
704	42	.81	716	2	.04
705	406	7.84	717	2	.04
706	41	.79	718		
707			719	17	.33
708	11	.21	720	22	.43
709	13	.25	721	2	.04
710	10	.20			
711	3	.06	Total	1575	30.41

* Shopping Center

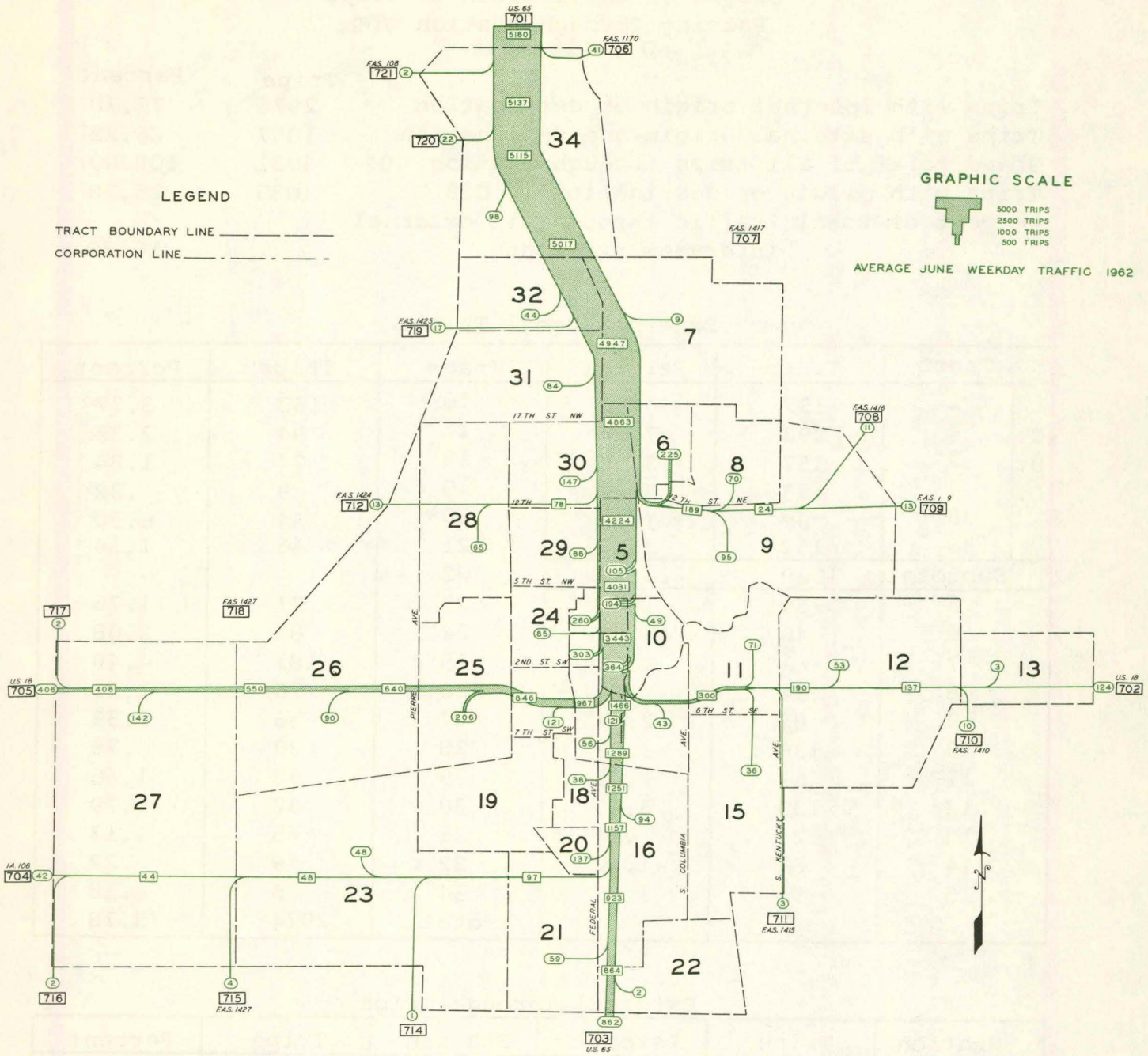


FIGURE 4-1
ORIGIN OR DESTINATION OF TRIPS
PASSING THROUGH
STATION 701-U.S. 65 NORTH
OF THE
MASON CITY URBAN AREA

Table 4-2

Origin or Destination of Trips
Passing Through Station 702,
U.S. 18 East

	Trips	Percent
Trips with internal origin or destination	2974	73.78
Trips with external origin and destination	1057	26.22
Grand total of all trips through station 702	4031	100.00
Trips with origin or destination in C.B.D.	1039	25.78
Percent of total traffic through all external interview stations		16.25

External Local Trips

Tract		Trips	Percent	Tract	Trips	Percent
C.B.D.	1	197	4.89	16	152	3.77
	2	292	7.24	17	94	2.33
	3	157	3.90	18	74	1.84
	4	173	4.29	19	9	.22
	35	68	1.69	20*	254	6.30
	36	152	3.77	21	46	1.14
Subtotal		1039	25.78	22		
	5	59	1.46	23	71	1.76
	6	40	.99	24	84	2.08
	7	1	.02	25	181	4.49
	8	34	.84	26	76	1.89
	9	82	2.04	27	56	1.39
	10	136	3.37	28	30	.75
	11	69	1.71	29	63	1.56
	12	139	3.45	30	32	.79
	13	21	.52	31	5	.13
	14	57	1.42	32	9	.22
	15	55	1.37	34	6	.15
				Total	2974	73.78

External Through Trips

Station	Trips	Percent	Station	Trips	Percent
701	124	3.08	712		
702			714		
703	111	2.75	715		
704	61	1.51	716	2	.05
705	732	18.16	717	1	.02
706			718	6	.15
707	2	.05	719	1	.02
708	3	.08	720		
709			721		
710	10	.25			
711	4	.10	Total	1057	26.22

* Shopping Center

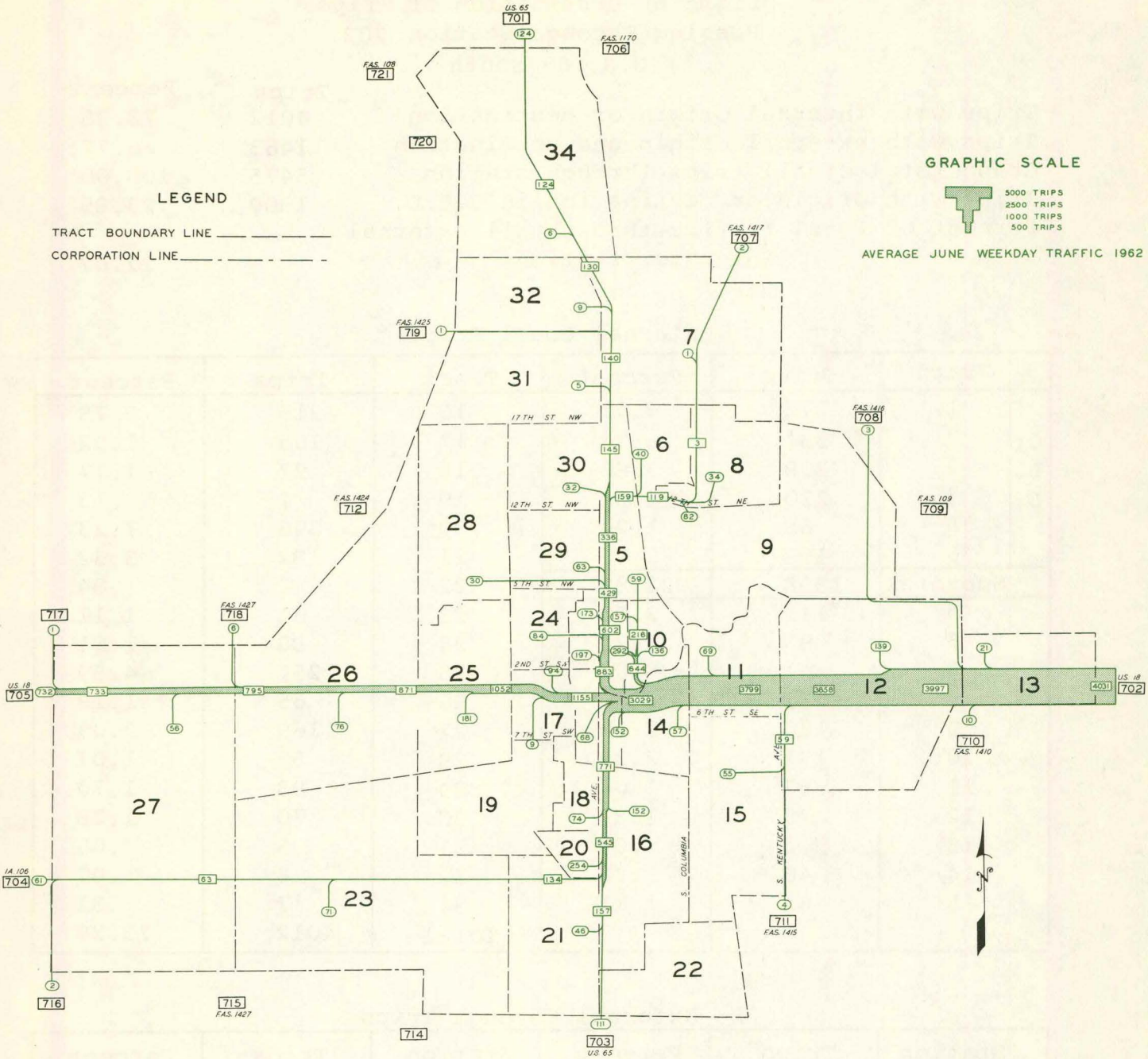


FIGURE 4-2
ORIGIN OR DESTINATION OF TRIPS
PASSING THROUGH
STATION 702 - U.S. 18 EAST
OF THE
MASON CITY URBAN AREA

Table 4-3
Origin or Destination of Trips
Passing Through Station 703,
U.S. 65 South

	Trips	Percent
Trips with internal origin or destination	4012	73.28
Trips with external origin and destination	1463	26.72
Grand total of all trips through station	5475	100.00
Trips with origin or destination in C.B.D.	1308	23.89
Percent of total traffic through all external interview stations		22.07

External Local Trips

Tract		Trips	Percent	Tract	Trips	Percent
C.B.D.	1	273	4.99	16	315	5.75
	2	381	6.96	17	105	1.92
	3	208	3.80	18	97	1.77
	4	220	4.02	19	7	.13
	35	68	1.24	20*	396	7.23
	36	158	2.88	21	182	3.32
Subtotal		1308	23.89	22	2	.04
	5	111	2.03	23	61	1.11
	6	93	1.70	24	88	1.61
	7	1	.02	25	251	4.59
	8	33	.60	26	65	1.19
	9	120	2.19	27	169	3.09
	10	131	2.39	28	55	1.01
	11	57	1.04	29	93	1.70
	12	75	1.37	30	70	1.28
	13	2	.04	31	3	.05
	14	40	.73	32	4	.07
	15	61	1.11	34	17	.31
				Total	4012	73.28

External Through Trips

Station	Trips	Percent	Station	Trips	Percent
701	862	15.74	712	6	.11
702	111	2.03	714		
703			715	1	.02
704	148	2.70	716		
705	277	5.06	717		
706	4	.07	718	7	.13
707	3	.05	719	6	.11
708	13	.24	720	4	.07
709	14	.26	721	2	.04
710	5	.09			
711			Total	1463	26.72

* Shopping Center

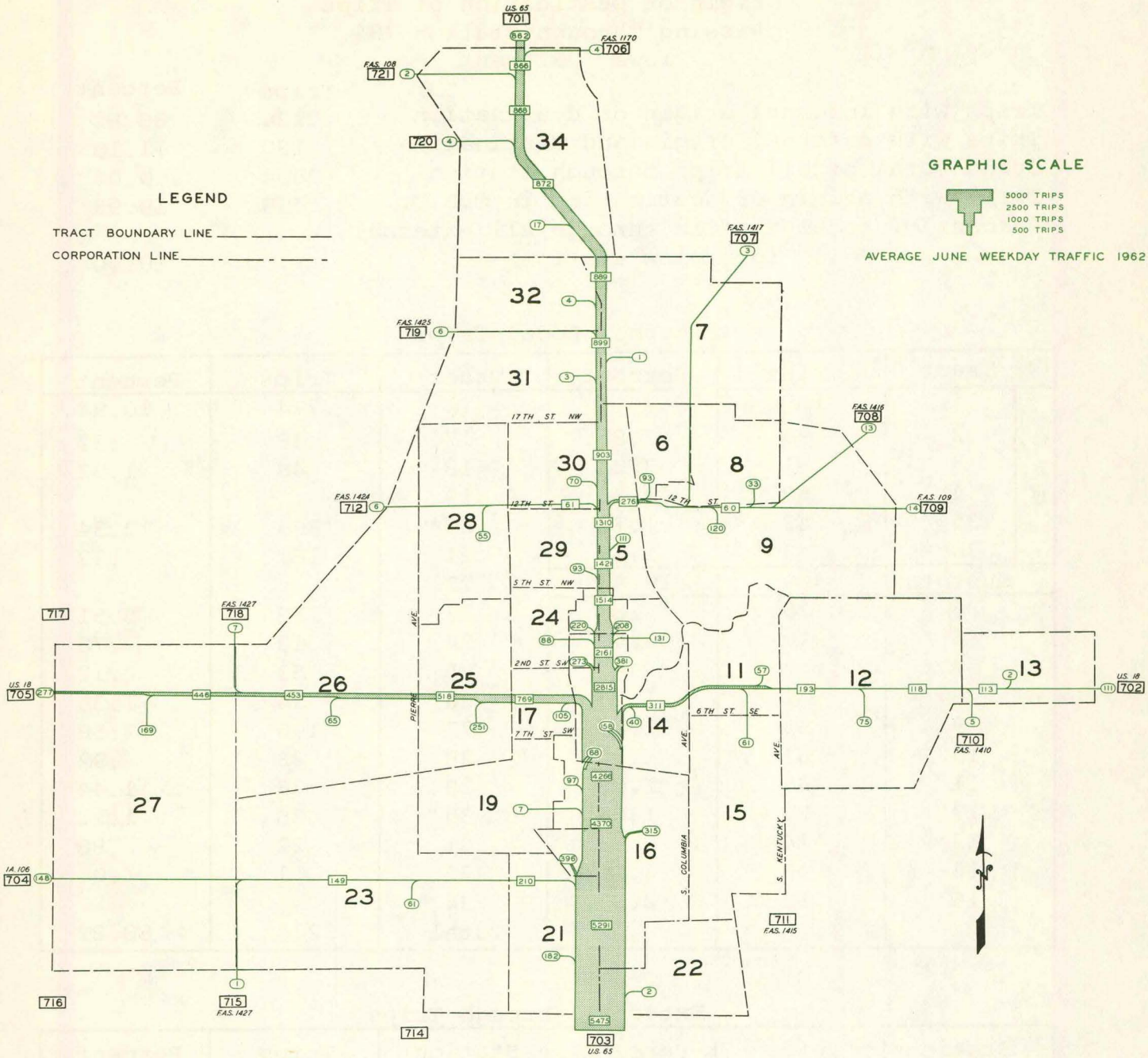


FIGURE 4-3
ORIGIN OR DESTINATION OF TRIPS
PASSING THROUGH
STATION 703 - U.S. 65 SOUTH
OF THE
MASON CITY URBAN AREA

Table 4-4

Origin or Destination of Trips
Passing Through Station 704,
Iowa 106, West

	Trips	Percent
Trips with internal origin or destination	2224	88.82
Trips with external origin and destination	280	11.18
Grand total of all trips through station	2504	100.00
Trips with origin or destination in C.B.D.	499	19.93
Percent of total traffic through all external interview stations		10.10

External Local Trips

	Tract	Trips	Percent	Tract	Trips	Percent
C.B.D.	1	178	7.11	16	274	10.94
	2	96	3.83	17	18	.72
	3	81	3.23	18	48	1.92
	4	58	2.32	19		
	35	43	1.72	20*	309	12.34
	36	43	1.72	21	181	7.22
	Subtotal	499	19.93	22		
	5	20	.80	23	138	5.51
	6	10	.40	24	19	.76
	7			25	53	2.12
	8	31	1.24	26	34	1.36
	9	59	2.36	27	190	7.58
	10	31	1.24	28	23	.92
	11	42	1.68	29	36	1.44
	12	27	1.08	30	28	1.12
	13	14	.56	31	22	.88
	14	53	2.11	32	1	.04
	15	64	2.55	34		
				Total	2224	88.82

External Through Trips

Station	Trips	Percent	Station	Trips	Percent
701	42	1.67	712		
702	61	2.44	714	6	.24
703	148	5.91	715	9	.36
704			716	2	.08
705	2	.08	717		
706			718	1	.04
707			719	3	.12
708	2	.08	720		
709	3	.12	721		
710					
711	1	.04	Total	280	11.18

* Shopping Center

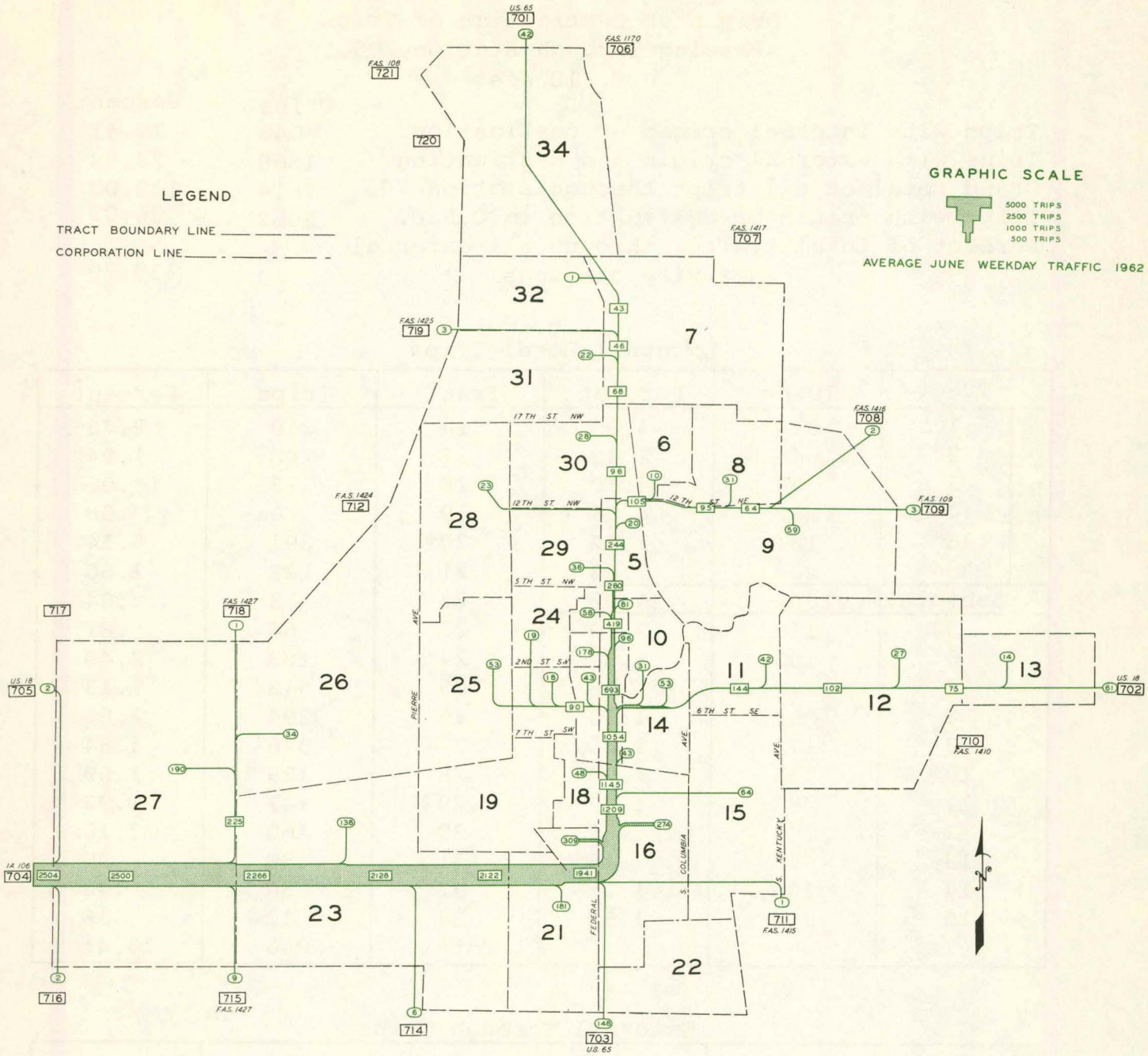


FIGURE 4-4
ORIGIN OR DESTINATION OF TRIPS
PASSING THROUGH
STATION 704-IOWA 106 WEST
OF THE
MASON CITY URBAN AREA

Table 4-5

Origin or Destination of Trips
Passing Through Station 705,
U.S. 18 West

	Trips	Percent
Trips with internal origin or destination	6046	79.41
Trips with external origin and destination	1568	20.59
Grand total of all trips through station 705	7614	100.00
Trips with origin or destination in C.B.D.	2052	26.95
Percent of total traffic through all external interview stations		30.70

External Local Trips

Tract		Trips	Percent	Tract	Trips	Percent
C.B.D.	1	370	4.86	16	210	2.76
	2	646	8.48	17	148	1.94
	3	343	4.50	18	73	.96
	4	362	4.76	19	6	.08
	35	131	1.72	20*	391	5.14
	36	200	2.63	21	122	1.60
Subtotal		2052	26.95	22	3	.04
	5	160	2.10	23	66	.87
	6	100	1.31	24	183	2.40
	7	2	.03	25	543	7.13
	8	99	1.30	26	294	3.86
	9	171	2.25	27	346	4.54
	10	136	1.79	28	129	1.69
	11	97	1.27	29	147	1.93
	12	100	1.31	30	160	2.10
	13	11	.15	31	38	.50
	14	103	1.35	32	30	.40
	15	114	1.50	34	12	.16
				Total	6046	79.41

External Through Trips

Station	Trips	Percent	Station	Trips	Percent
701	406	5.33	712		
702	732	9.61	714	2	.03
703	277	3.64	715	3	.04
704	2	.03	716	4	.05
705			717	17	.22
706	10	.14	718	23	.30
707	3	.04	719	15	.20
708	14	.17	720		
709	43	.56	721		
710	15	.20			
711	2	.03	Total	1568	20.59

* Shopping Center

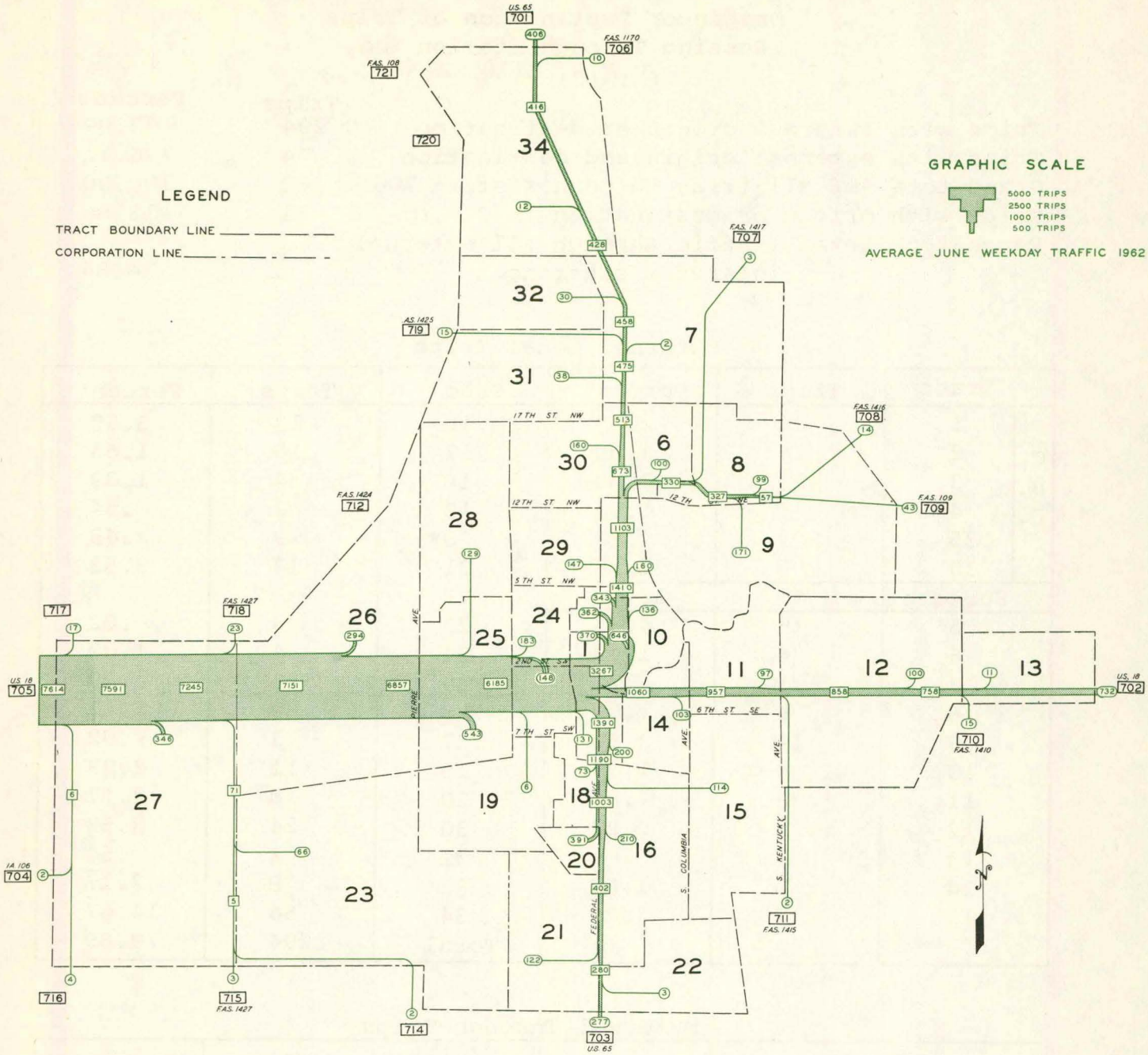


FIGURE 4-5
ORIGIN OR DESTINATION OF TRIPS
PASSING THROUGH
STATION 705 - U.S. 18 WEST
OF THE
MASON CITY URBAN AREA

Table 4-6

Origin or Destination of Trips
Passing Through Station 706,
F.A.S. 1170, East

	Trips	Percent
Trips with internal origin or destination	294	79.89
Trips with external origin and destination	74	20.11
Grand total of all trips through station 706	368	100.00
Trips with origin or destination in C.B.D.	51	13.86
Percent of total traffic through all external interview stations		4.84

External Local Trips

	Tract	Trips	Percent	Tract	Trips	Percent
C.B.D.	1	8	2.17	16	13	3.53
	2	14	3.80	17	6	1.63
	3	14	3.80	18	4	1.09
	4	7	1.90	19	2	.54
	35	3	.82	20*	9	2.45
	36	5	1.36	21	13	3.53
	Subtotal	51	13.86	22		
	5	16	4.35	23	3	.82
	6	4	1.09	24	4	1.09
	7	1	.27	25	4	1.09
	8	4	1.09	26	10	2.72
	9	14	3.80	27	3	.82
	10	4	1.09	28	11	2.99
	11	3	.82	29	8	2.17
	12	1	.27	30	24	6.52
	13			31	2	.54
	14	6	1.63	32	8	2.17
	15	12	3.26	34	54	14.67
				Total	294	79.89

External Through Trips

Station	Trips	Percent	Station	Trips	Percent
701	41	11.14	712	1	.27
702			714		
703	4	1.09	715		
704			716		
705	10	2.72	717		
706			718		
707			719		
708			720	2	.54
709			721	16	4.35
710					
711			Total	74	20.11

* Shopping Center

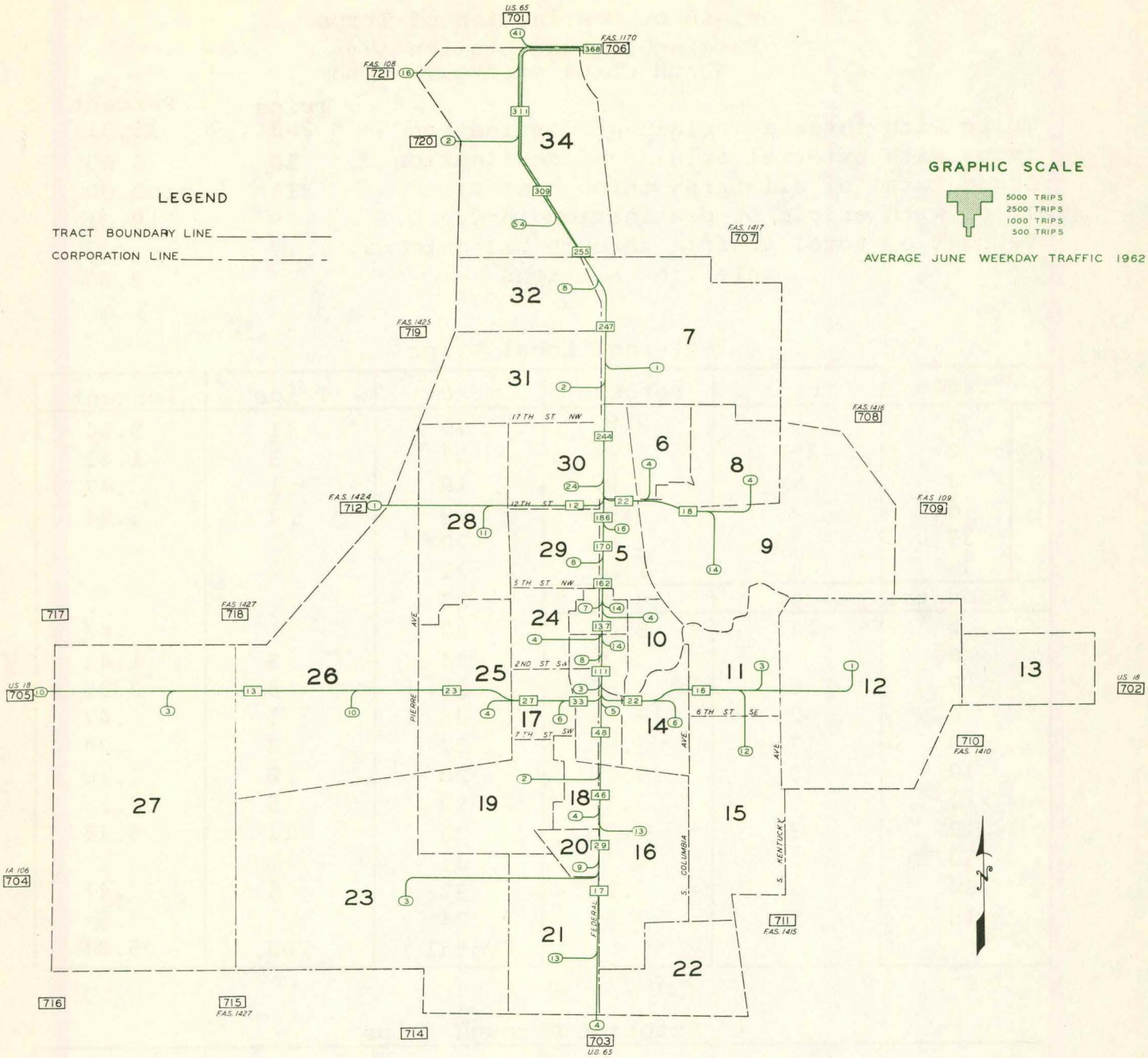


FIGURE 4-6
ORIGIN OR DESTINATION OF TRIPS
PASSING THROUGH
STATION 706-F.A.S. 1170 EAST
OF THE
MASON CITY URBAN AREA

Table 4-7

Origin or Destination of Trips
Passing Through Station 707,
North Carolina Ave., North

	Trips	Percent
Trips with internal origin or destination	203	95.31
Trips with external origin and destination	10	4.69
Grand total of all trips through station	213	100.00
Trips with origin or destination in C.B.D.	39	18.31
Percent of total traffic through all external interview stations		2.80

External Local Trips

	Tract	Trips	Percent	Tract	Trips	Percent
C.B.D.	1	6	2.82	16	11	5.16
	2	18	8.44	17	3	1.41
	3	6	2.82	18	1	.47
	4	2	.94	19	2	.94
	35	3	1.41	20*		
	36	4	1.88	21		
Subtotal		39	18.31	22		
	5	12	5.63	23		
	6			24	3	1.41
	7	6	2.82	25	5	2.35
	8	42	19.71	26	1	.47
	9	17	7.98	27	2	.94
	10	13	6.10	28	8	3.76
	11	5	2.35	29	5	2.35
	12	9	4.23	30	11	5.16
	13			31		
	14	2	.94	32	1	.47
	15	5	2.35	34		
				Total	203	95.31

External Through Trips

Station	Trips	Percent	Station	Trips	Percent
701			712		
702	2	.94	714		
703	3	1.41	715		
704			716		
705	3	1.40	717		
706			718		
707			719		
708			720		
709	2	.94	721		
710					
711			Total	10	4.69

* Shopping Center

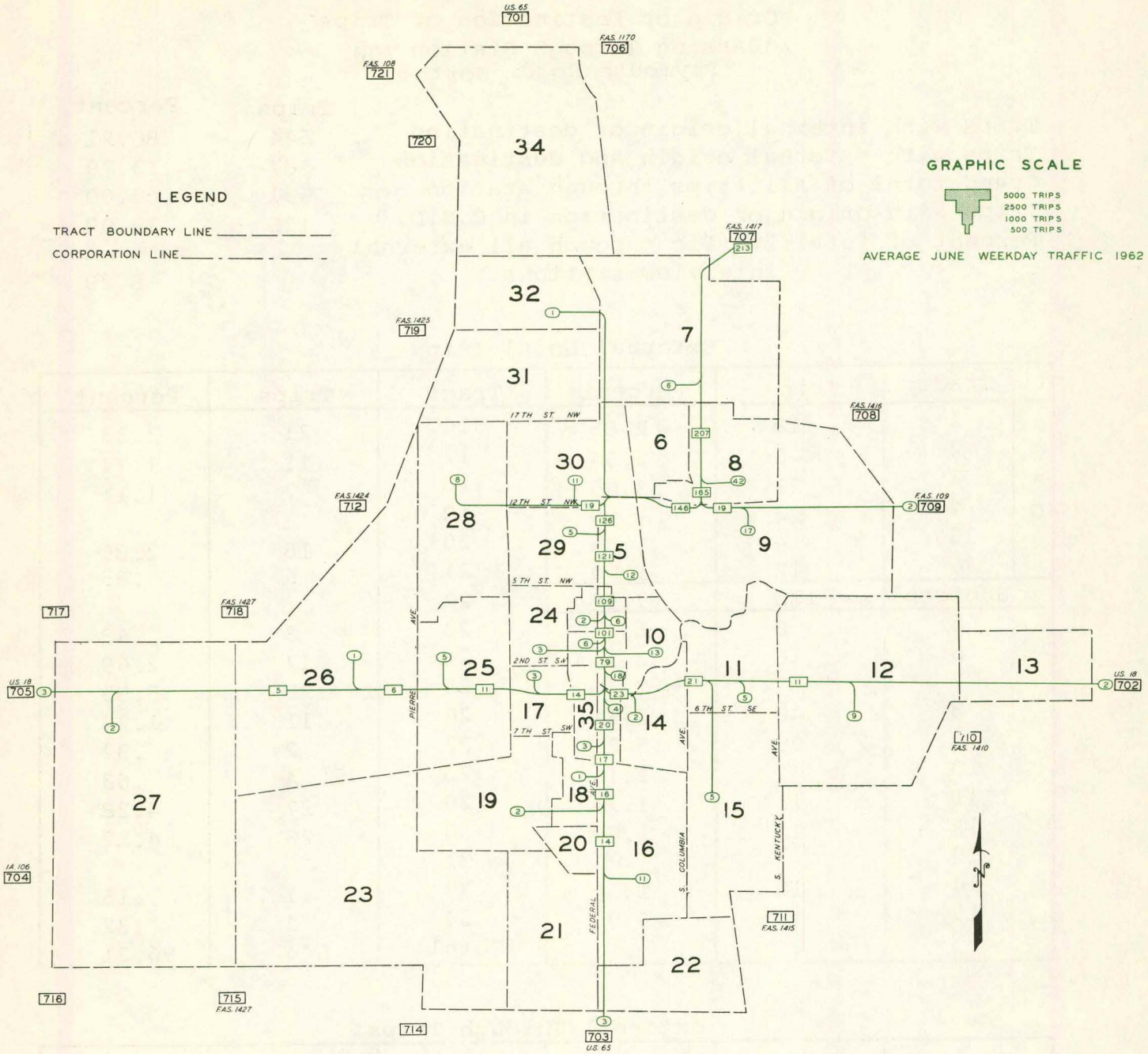


FIGURE 4-7
ORIGIN OR DESTINATION OF TRIPS
PASSING THROUGH
STATION 707-NORTH CAROLINA AVENUE NORTH
OF THE
MASON CITY URBAN AREA

Table 4-8

Origin or Destination of Trips
Passing Through Station 708
Plymouth Road, North

	Trips	Percent
Trips with internal origin or destination	544	86.21
Trips with external origin and destination	87	13.79
Grand total of all trips through station 708	631	100.00
Trips with origin or destination in C.B.D.	126	19.97
Percent of total traffic through all external interview stations		8.29

External Local Trips

Tract		Trips	Percent	Tract	Trips	Percent
C.B.D.	1	18	2.85	16	21	3.33
	2	40	6.34	17	11	1.74
	3	23	3.65	18	7	1.11
	4	24	3.80	19		
	35	9	1.43	20*	18	2.85
	36	12	1.90	21	6	.95
Subtotal		126	19.97	22		
	5	8	1.27	23	3	.48
	6	16	2.54	24	17	2.69
	7			25	35	5.55
	8	48	7.61	26	11	1.74
	9	96	15.21	27	2	.32
	10	7	1.11	28	4	.63
	11	11	1.74	29	27	4.28
	12	12	1.90	30	26	4.12
	13			31		
	14	10	1.58	32	1	.16
	15	19	3.01	34	2	.32
				Total	544	86.21

External Through Trips

Station	Trips	Percent	Station	Trips	Percent
701	11	1.74	712	1	.16
702	3	.48	714	1	.16
703	13	2.06	715	2	.32
704	2	.32	716		
705	14	2.22	717		
706			718		
707			719		
708			720		
709	38	6.01	721		
710	2	.32			
711			Total	87	13.79

* Shopping Center

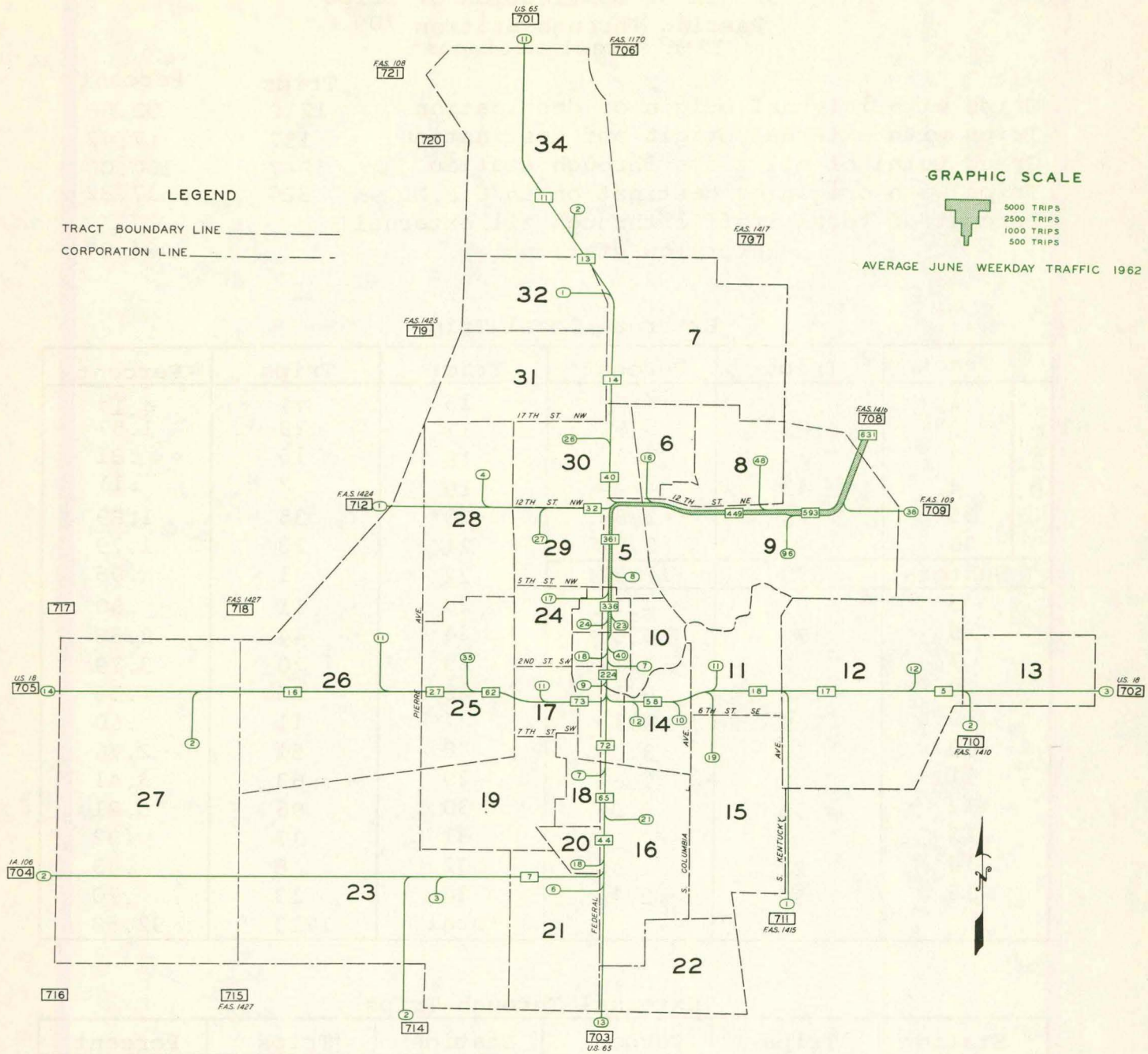


FIGURE 4-8
ORIGIN OR DESTINATION OF TRIPS
PASSING THROUGH
STATION 708-F.A.S. 1416 NORTH
OF THE
MASON CITY URBAN AREA

Table 4-9
Origin or Destination of Trips
Passing Through Station 709
12th Street Northeast

	Trips	Percent
Trips with internal origin or destination	1710	92.58
Trips with external origin and destination	137	7.42
Grand total of all trips through station 709	1847	100.00
Trips with origin or destination in C.B.D.	320	17.32
Percent of total traffic through all external interview stations		24.27

External Local Trips

	Tract	Trips	Percent	Tract	Trips	Percent
C.B.D.	1	44	2.38	16	77	4.17
	2	102	5.52	17	29	1.57
	3	64	3.47	18	15	.81
	4	43	2.33	19	2	.11
	35	25	1.35	20*	35	1.89
	36	42	2.27	21	33	1.79
Subtotal		320	17.32	22	1	.05
	5	87	4.71	23	11	.60
	6	172	9.31	24	44	2.38
	7	2	.11	25	70	3.79
	8	168	9.10	26	25	1.35
	9	169	9.15	27	11	.60
	10	57	3.09	28	51	2.76
	11	30	1.62	29	63	3.41
	12	38	2.06	30	96	5.21
	13			31	17	.92
	14	27	1.46	32	8	.43
	15	39	2.11	34	13	.70
				Total	1710	92.58

External Through Trips

Station	Trips	Percent	Station	Trips	Percent
701	13	.70	712	9	.49
702			714		
703	14	.76	715	2	.11
704	3	.16	716		
705	43	2.33	717		
706			718		
707	2	.11	719	3	.16
708	38	2.06	720	5	.27
709			721	2	.11
710	1	.05			
711	2	.11	Total	137	7.42

* Shopping Center

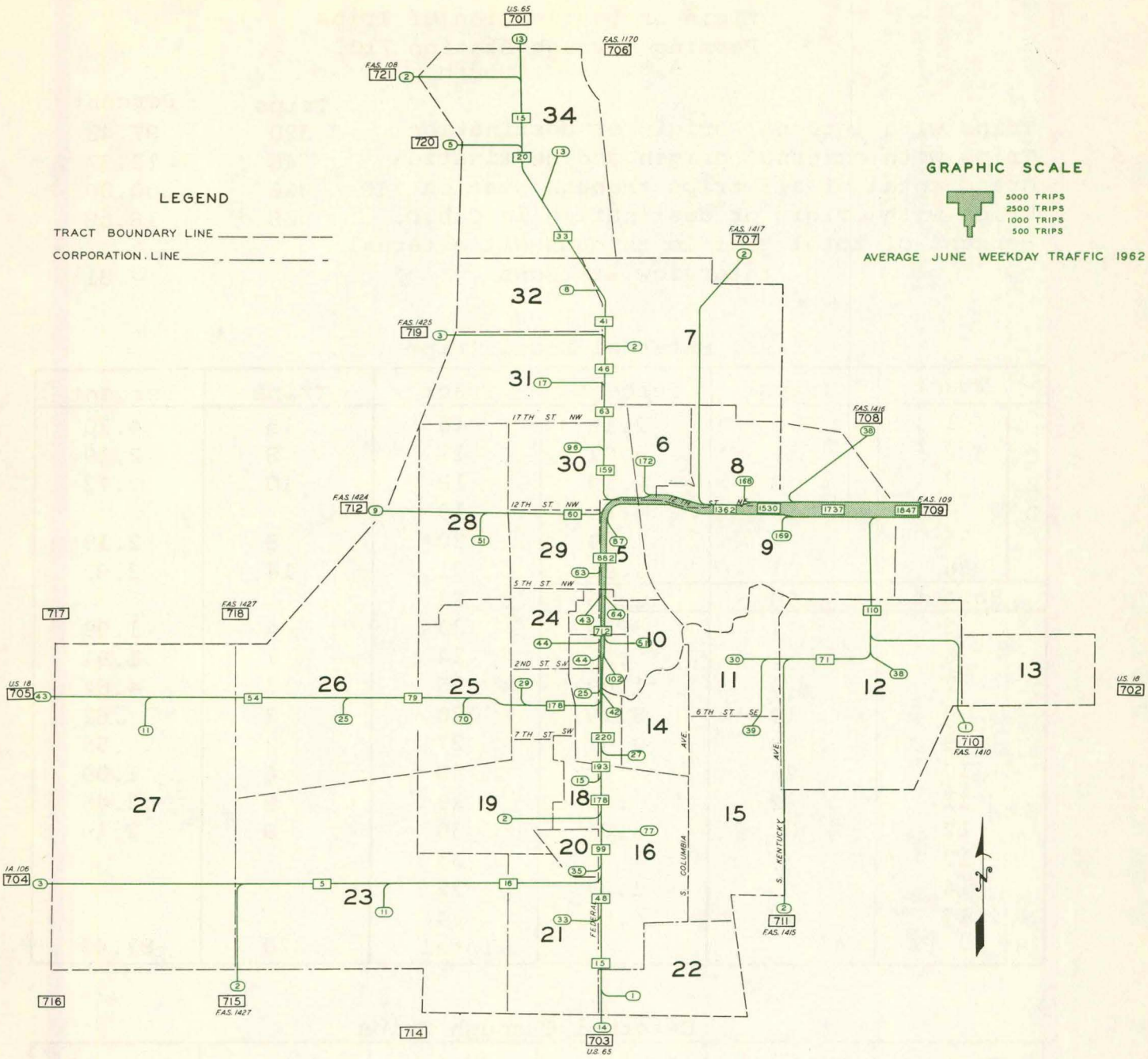


FIGURE 4-9
ORIGIN OR DESTINATION OF TRIPS
PASSING THROUGH
STATION 709-12TH STREET NORTHEAST
OF THE
MASON CITY URBAN AREA

Table 4-10

Origin or Destination of Trips
Passing Through Station 710,
F.A.S. 1410, South

	Trips	Percent
Trips with internal origin or destination	320	87.43
Trips with external origin and destination	46	12.57
Grand total of all trips through station 710	366	100.00
Trips with origin or destination in C.B.D.	68	18.58
Percent of total traffic through all external interview stations		4.81

External Local Trips

	Tract	Trips	Percent	Tract	Trips	Percent
	1	8	2.19	16	15	4.10
C.	2	22	6.01	17	8	2.19
B.	3	8	2.19	18	10	2.73
D.	4	19	5.19	19		
	35	4	1.09	20*	8	2.19
	36	7	1.91	21	14	3.83
	Subtotal	68	18.58	22		
	5	14	3.83	23	4	1.09
	6	1	.27	24	7	1.91
	7	4	1.09	25	17	4.64
	8	19	5.19	26	3	.82
	9	33	9.01	27	2	.55
	10	26	7.10	28	4	1.09
	11	2	.55	29	9	2.46
	12	22	6.01	30	8	2.19
	13			31		
	14	5	1.37	32		
	15	17	4.64	34		
				Total	320	87.43

External Through Trips

Station	Trips	Percent	Station	Trips	Percent
701	10	2.73	712		
702	10	2.73	714		
703	5	1.37	715		
704			716		
705	15	4.11	717		
706			718	1	.27
707			719		
708	2	.55	720		
709	1	.27	721	1	.27
710					
711	1	.27	Total	46	12.57

* Shopping Center

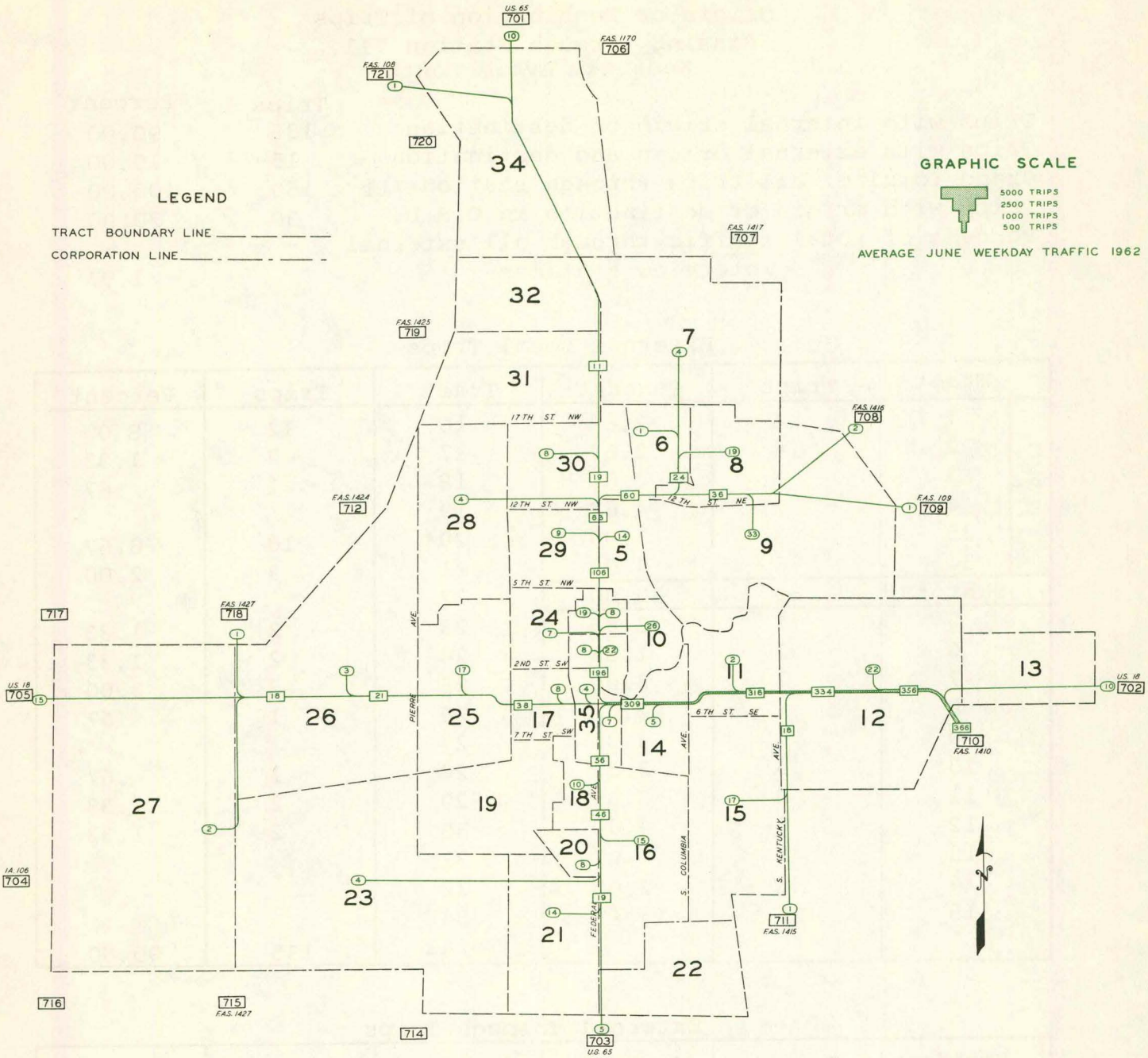


FIGURE 4-10
ORIGIN OR DESTINATION OF TRIPS
PASSING THROUGH
STATION 710-F.A.S. 1410 SOUTH
OF THE
MASON CITY URBAN AREA

Table 4-11
Origin or Destination of Trips
Passing Through Station 711,
Kentucky Ave., South

	Trips	Percent
Trips with internal origin or destination	135	90.00
Trips with external origin and destination	15	10.00
Grand total of all trips through station 711	150	100.00
Trips with origin or destination in C.B.D.	30	20.00
Percent of total traffic through all external interview stations		1.97

External Local Trips

	Tract	Trips	Percent	Tract	Trips	Percent
C.B.D.	1	4	2.67	16	12	8.00
	2	4	2.67	17	2	1.33
	3	6	4.00	18	1	.67
	4	7	4.67	19		
	35	3	2.00	20*	10	6.67
	36	6	4.00	21	3	2.00
Subtotal		30	20.00	22		
	5	5	3.33	23	2	1.33
	6	2	1.33	24	2	1.33
	7	3	2.00	25	3	2.00
	8	4	2.67	26	1	.67
	9	5	3.33	27		
	10	5	3.33	28	1	.67
	11	8	5.33	29	2	1.33
	12	6	4.00	30	2	1.33
	13	1	.67	31		
	14	3	2.00	32		
	15	22	14.67	34		
				Total	135	90.00

External Through Trips

Station	Trips	Percent	Station	Trips	Percent
701	3	2.00	712		
702	4	2.66	714		
703			715	1	.67
704	1	.67	716		
705	2	1.33	717		
706			718		
707			719		
708	1	.67	720		
709	2	1.33	721		
710	1	.67			
711			Total	15	10.00

* Shopping Center

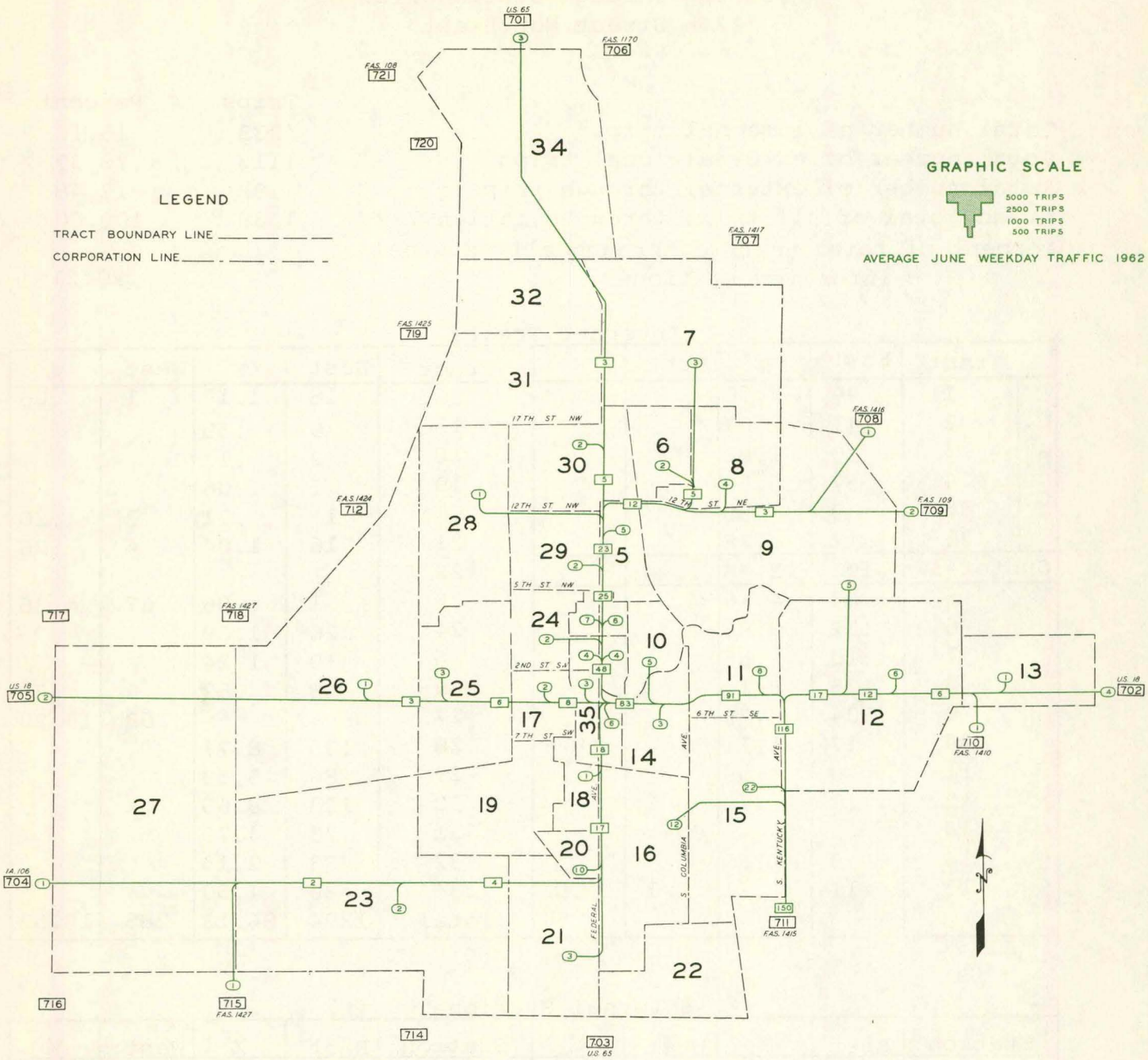


FIGURE 4-11
ORIGIN OR DESTINATION OF TRIPS
PASSING THROUGH
STATION 711-KENTUCKY AVENUE SOUTH
OF THE
MASON CITY URBAN AREA

Table 4-12
Origin and/or Destination of Trips
Passing Through Station 712,
12th Street Northwest

	Trips	Percent
Total number of internal trips	233	15.15
Total number of external local trips	1113	72.37
Total number of external through trips	192	12.48
Grand total of all trips through station 712	1538	100.00
Percent of total traffic through all external interview stations		20.21

Internal Tracts

	Tract	East	%	West	%	Tract	East	%	West	%
	1	44	2.86			16	18	1.1	1	.06
C.	2	41	2.67			17	9	.5		
B.	3	29	1.88			18	2	.1		
D.	4	57	3.71			19	1	.0		
	35	9	.58			20*	11	.7	3	.20
	36	12	.78			21	16	1.0	4	.26
Subtotal		192	12.48			22				
	5	64	4.16			23	1	.0	67	4.36
	6	152	9.88			24	26	1.6		
	7	10	.65			25	19	1.2		
	8	125	8.13			26	8	.5	6	.39
	9	104	6.76			27			203	13.20
	10	17	1.11			28	135	8.7		
	11	9	.59			29	86	5.5		
	12	11	.72			30	133	8.6		
	13					31	73	4.7		
	14	5	.32			32	33	2.1		
	15	11	.71	1	.06	34	23	1.5		
						Total	1294	84.1	285	18.53

External Stations

Station	East	%	West	%	Station	East	%	West	%
701	162	10.53			712			525	34.14
702					714				
703	6	.39	2	.13	715			25	1.63
704			16	1.04	716			8	.52
705			677	44.01	717				
706	7	.45			718				
707	6	.39			719				
708	15	.98			720				
709	48	3.12			721				
710									
711					Total	244	15.8	1253	81.47

* Shopping Center

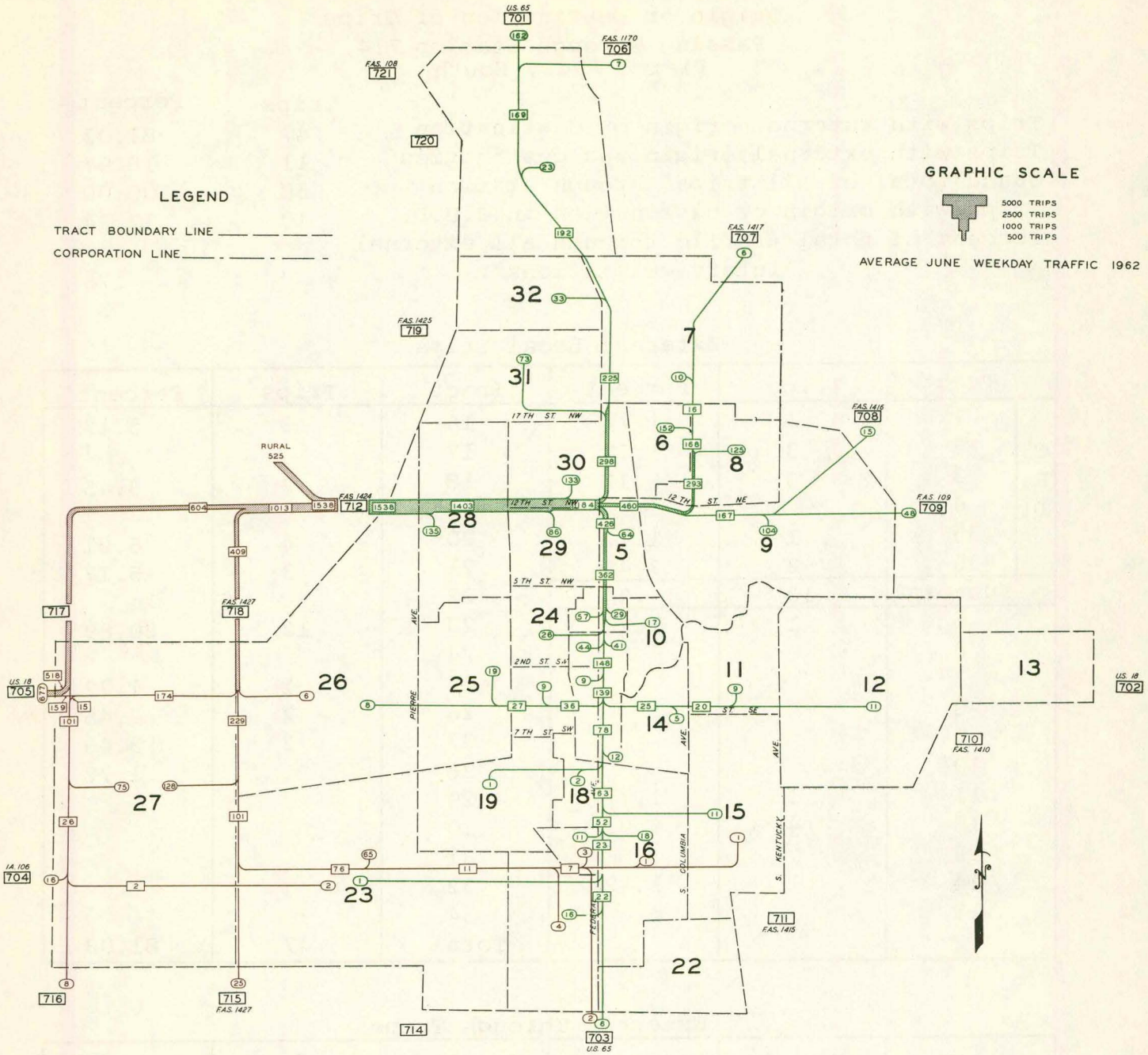


FIGURE 4-12
ORIGIN AND/OR DESTINATION OF TRIPS
PASSING THROUGH
STATION 712 - 12TH STREET NORTHWEST
OF THE
MASON CITY URBAN AREA

Table 4-13
Origin or Destination of Trips
Passing Through Station 714,
Pierce Ave., South

	Trips	Percent
Trips with internal origin or destination	47	81.03
Trips with external origin and destination	11	18.97
Grand total of all trips through station 714	58	100.00
Trips with origin or destination in C.B.D.	10	17.24
Percent of total traffic through all external interview stations		.76

External Local Trips

	Tract	Trips	Percent	Tract	Trips	Percent
	1	1	1.72	16	3	5.17
C.	2	3	5.17	17		
B.	3	3	5.17	18	2	3.45
D.	4			19		
	35	1	1.72	20*	4	6.91
	36	2	3.45	21	3	5.17
	Subtotal	10	17.24	22		
	5	1	1.72	23	12	20.69
	6			24		
	7			25	1	1.72
	8			26	2	3.45
	9			27	2	3.45
	10			28	1	1.72
	11	1	1.72	29		
	12	4	6.91	30		
	13			31		
	14	1	1.72	32		
	15			34		
				Total	47	81.03

External Through Trips

Station	Trips	Percent	Station	Trips	Percent
701	1	1.72	712		
702			714		
703			715		
704	6	10.35	716		
705	2	3.45	717		
706			718		
707			719		
708	2	3.45	720		
709			721		
710					
711			Total	11	18.97

* Shopping Center

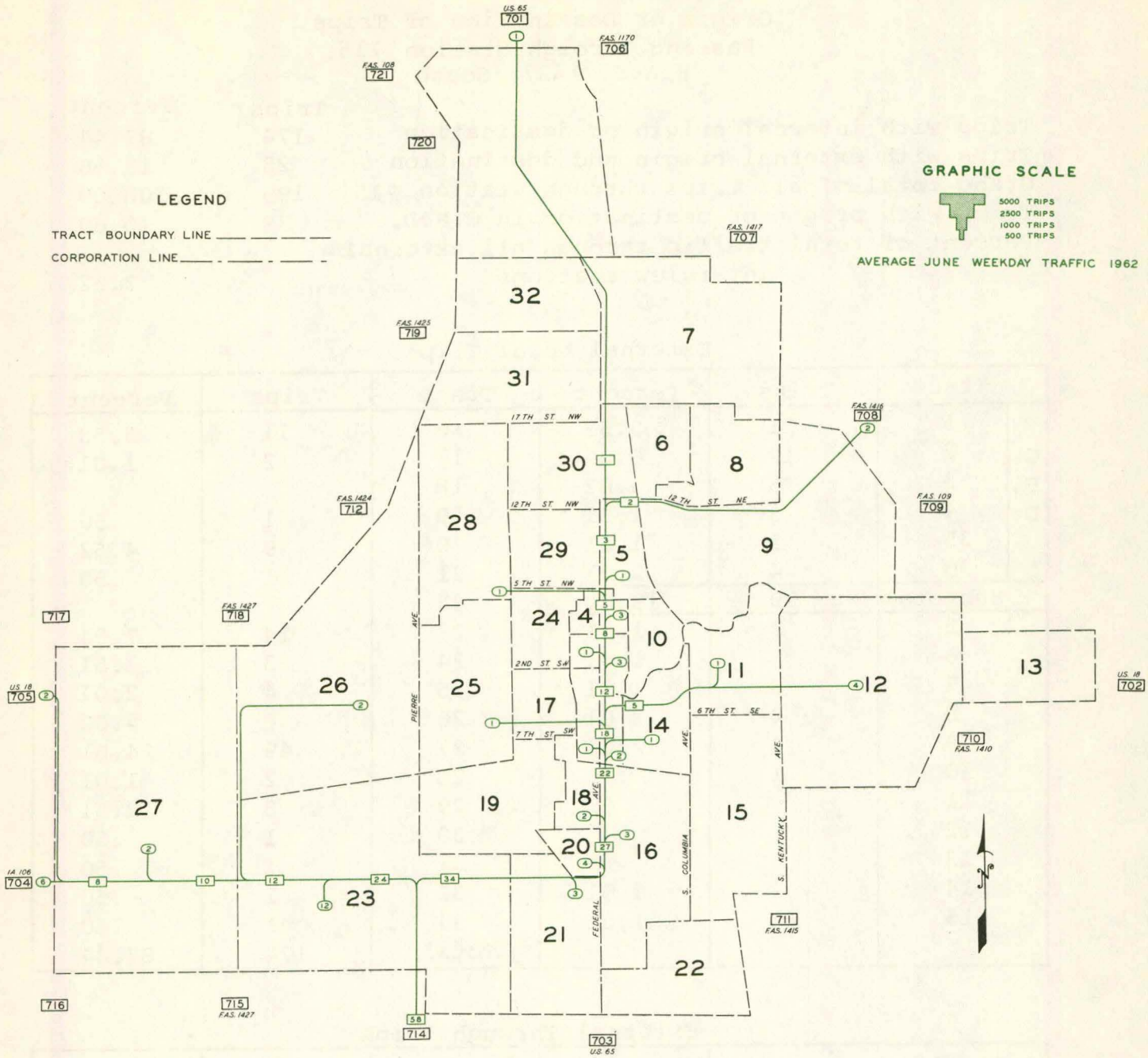


FIGURE 4-13
ORIGIN OR DESTINATION OF TRIPS
PASSING THROUGH
STATION 714 PIERCE AVENUE SOUTH
OF THE
MASON CITY URBAN AREA

Table 4-14

Origin or Destination of Trips
Passing Through Station 715,
F.A.S. 1427, South

	Trips	Percent
Trips with internal origin or destination	174	87.44
Trips with external origin and destination	25	12.56
Grand total of all trips through station 715	199	100.00
Trips with origin or destination in C.B.D.	39	19.60
Percent of total traffic through all external interview stations		2.62

External Local Trips

Tract		Trips	Percent	Tract	Trips	Percent
C.B.D.	1	11	5.53	16	11	5.53
	2	12	6.02	17	2	1.01
	3	6	3.02	18		
	4	3	1.51	19	1	.50
	35	3	1.51	20*	9	4.52
	36	4	2.01	21	1	.50
Subtotal		39	19.60	22		
	5	2	1.01	23	14	7.04
	6	3	1.51	24	3	1.51
	7	3	1.51	25	4	2.01
	8	4	2.01	26	8	4.02
	9	4	2.01	27	49	24.61
	10	1	.50	28	2	1.01
	11			29	5	2.51
	12			30	1	.50
	13			31	1	.50
	14	2	1.01	32	1	.50
	15	3	1.51	34	1	.50
				Total	174	87.44

External Through Trips

Station	Trips	Percent	Station	Trips	Percent
701	4	2.01	712		
702			714		
703	1	.50	715		
704	9	4.51	716		
705	3	1.51	717		
706			718	2	1.01
707			719	2	1.01
708			720		
709	2	1.01	721		
710				1	.50
711	1	.50	Total	25	12.56

* Shopping Center

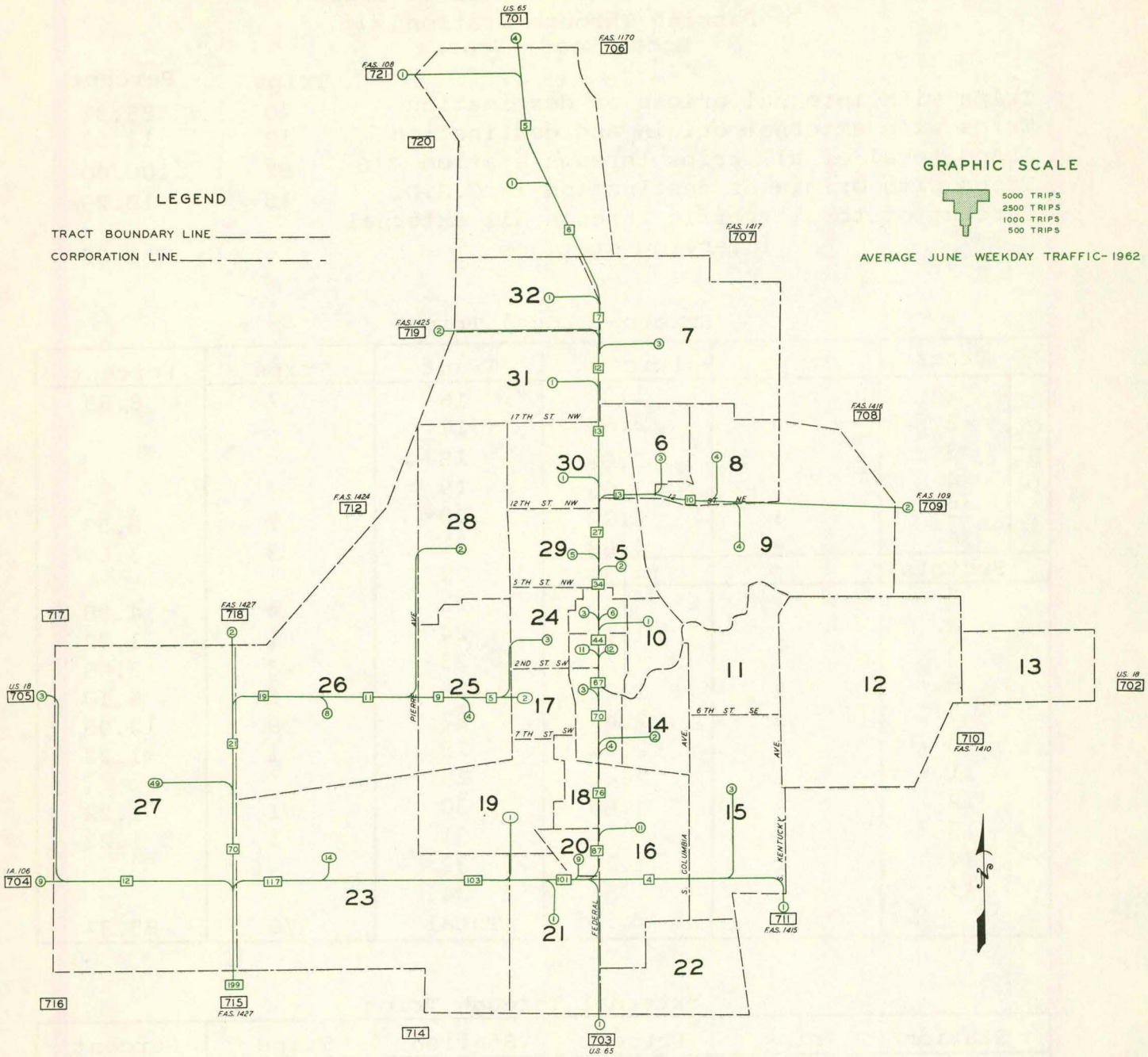


FIGURE 4-14
ORIGIN OR DESTINATION OF TRIPS
PASSING THROUGH
STATION 715 - F.A.S. 1427 SOUTH
OF THE
MASON CITY URBAN AREA

Table 4-15

Origin or Destination of Trips
Passing Through Station 716,
Local Road, South

	Trips	Percent
Trips with internal origin or destination	70	85.37
Trips with external origin and destination	12	14.63
Grand total of all trips through station 716	82	100.00
Trips with origin or destination in C.B.D.	15	18.29
Percent of total traffic through all external interview stations		1.08

External Local Trips

	Tract	Trips	Percent	Tract	Trips	Percent
C.B.D.	1	1	1.22	16	7	8.53
	2	3	3.66	17		
	3	3	3.66	18		
	4	3	3.66	19		
	35	1	1.22	20*	7	8.53
	36	4	4.88	21	3	3.66
Subtotal		15	18.29	22		
	5			23	4	4.88
	6	1	1.22	24	1	1.22
	7			25	3	3.66
	8	1	1.22	26	5	6.10
	9	2	2.44	27	9	10.98
	10	2	2.44	28	1	1.22
	11	2	2.44	29		
	12	4	4.88	30	1	1.22
	13			31	1	1.22
	14	1	1.22	32		
	15			34		
				Total	70	85.37

External Through Trips

Station	Trips	Percent	Station	Trips	Percent
701	2	2.44	712		
702	2	2.44	714		
703			715		
704	2	2.44	716		
705	4	4.87	717	1	1.22
706			718	1	1.22
707			719		
708			720		
709			721		
710					
711			Total	12	14.63

* Shopping Center

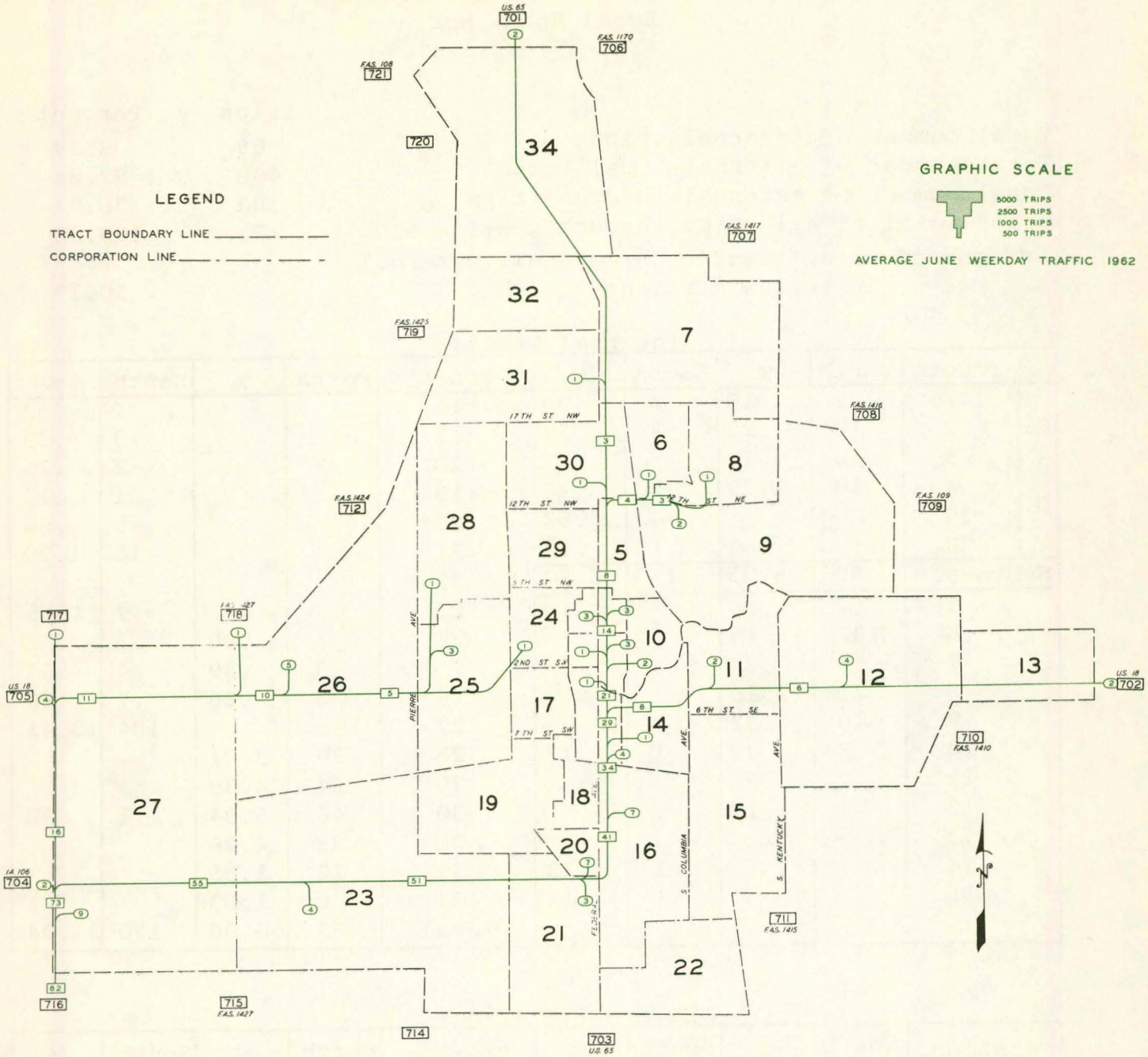


FIGURE 4-15
ORIGIN OR DESTINATION OF TRIPS
PASSING THROUGH
STATION 716-LOCAL ROAD SOUTH
OF THE
MASON CITY URBAN AREA

Table 4-16
Origin and/or Destination of Trips
Passing Through Station 717,
Local Road, North

	Trips	Percent
Total number of internal trips	65	8.39
Total number of external local trips	408	52.64
Total number of external through trips	302	38.97
Grand total of all trips through station 717	775	100.00
Percent of total traffic through all external interview stations		10.19

Internal Tracts

	Tract	North	%	South	%	Tract	North	%	South	%
C.	1	9	1.16	7	.90	16			4	.52
	2	10	1.29	3	.39	17			3	.39
B.	3	10	1.29			18			2	.26
	4	10	1.29	2	.26	19			1	.13
D.	35			4	.52	20*			5	.64
	36			1	.13	21			10	1.29
Subtotal		39	5.03	17	2.20	22				
	5	19	2.45			23			9	1.16
	6	102	13.15			24	7	.90		
	7	4	.52			25	3	.39	4	.52
	8	71	9.16			26	2	.26	7	.90
	9	49	6.32			27			104	13.41
	10	3	.39	1	.13	28	30	3.87		
	11	2	.26			29	34	4.39		
	12	1	.13			30	46	5.94	1	.13
	13					31	33	4.26		
	14			1	.13	32	12	1.55		
	15			1	.13	34	8	1.03		
						Total	465	60.00	170	21.94

External Stations

Station	North	%	South	%	Station	North	%	South	%
701	95	12.26			712				
702			9	1.16	714				
703			1	.13	715				
704			2	.26	716				
705			583	75.22	717	163	21.03		
706	6	.77			718				
707	5	.65			719	8	1.03		
708	12	1.55			720				
709	21	2.71			721				
710			10	1.29					
711					Total	310	40.00	605	78.06

* Shopping Center

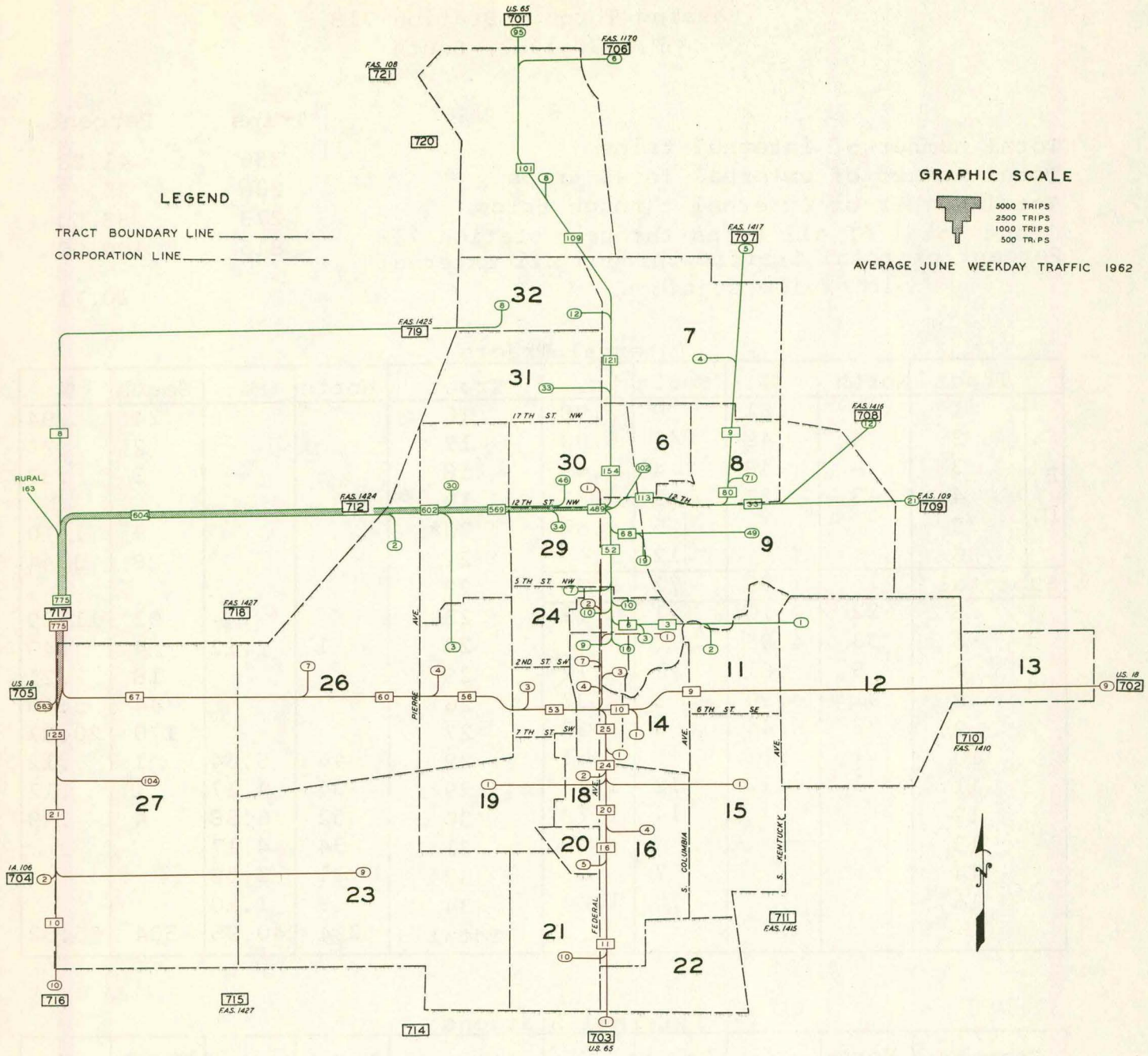


FIGURE 4-16
ORIGIN AND/OR DESTINATION OF TRIPS
PASSING THROUGH
STATION 717-LOCAL ROAD NORTH
OF THE
MASON CITY URBAN AREA

Table 4-17
Origin and/or Destination of Trips
Passing Through Station 718,
F.A.S. 1427, South

	Trips	Percent
Total number of internal trips	336	41.23
Total number of external local trips	206	25.27
Total number of external through trips	273	33.50
Grand total of all trips through station 718	815	100.00
Percent of total traffic through all external interview stations		10.71

Internal Tracts

	Tract	North	%	South	%	Tract	North	%	South	%
C.	1	5	.61	8	.98	16			24	2.94
B.	2	4	.49	41	5.03	17			2	.25
D.	3	4	.49	4	.49	18			3	.37
	4	3	.37	3	.37	19				
	35			5	.61	20*			9	1.10
	36			12	1.47	21			28	3.44
Subtotal		16	1.96	73	8.95	22				
	5	22	2.70	1	.12	23			92	11.29
	6	33	4.05			24	1	.1	4	.49
	7	5	.61	1	.12	25			18	2.21
	8	31	3.80	3	.37	26			44	5.40
	9	28	3.44	3	.37	27			170	20.87
	10	1	.12	5	.61	28	46	5.6	1	.12
	11	1	.12	12	1.47	29	34	4.1	1	.12
	12			14	1.72	30	52	6.3	4	.49
	13					31	34	4.1		
	14			7	.86	32	21	2.5		
	15			15	1.84	34	9	1.1		
						Total	334	40.9	534	65.52

External Stations

Station	North	%	South	%	Station	North	%	South	%
701	54	6.63			712				
702			8	.98	714				
703			24	2.94	715			28	3.44
704			22	2.70	716			1	.12
705			197	24.18	717				
706					718	406	49.8		
707	1	.12			719				
708	2	.25			720				
709	18	2.21			721				
710			1	.12					
711					Total	481	59.0	281	34.48

* Shopping Center

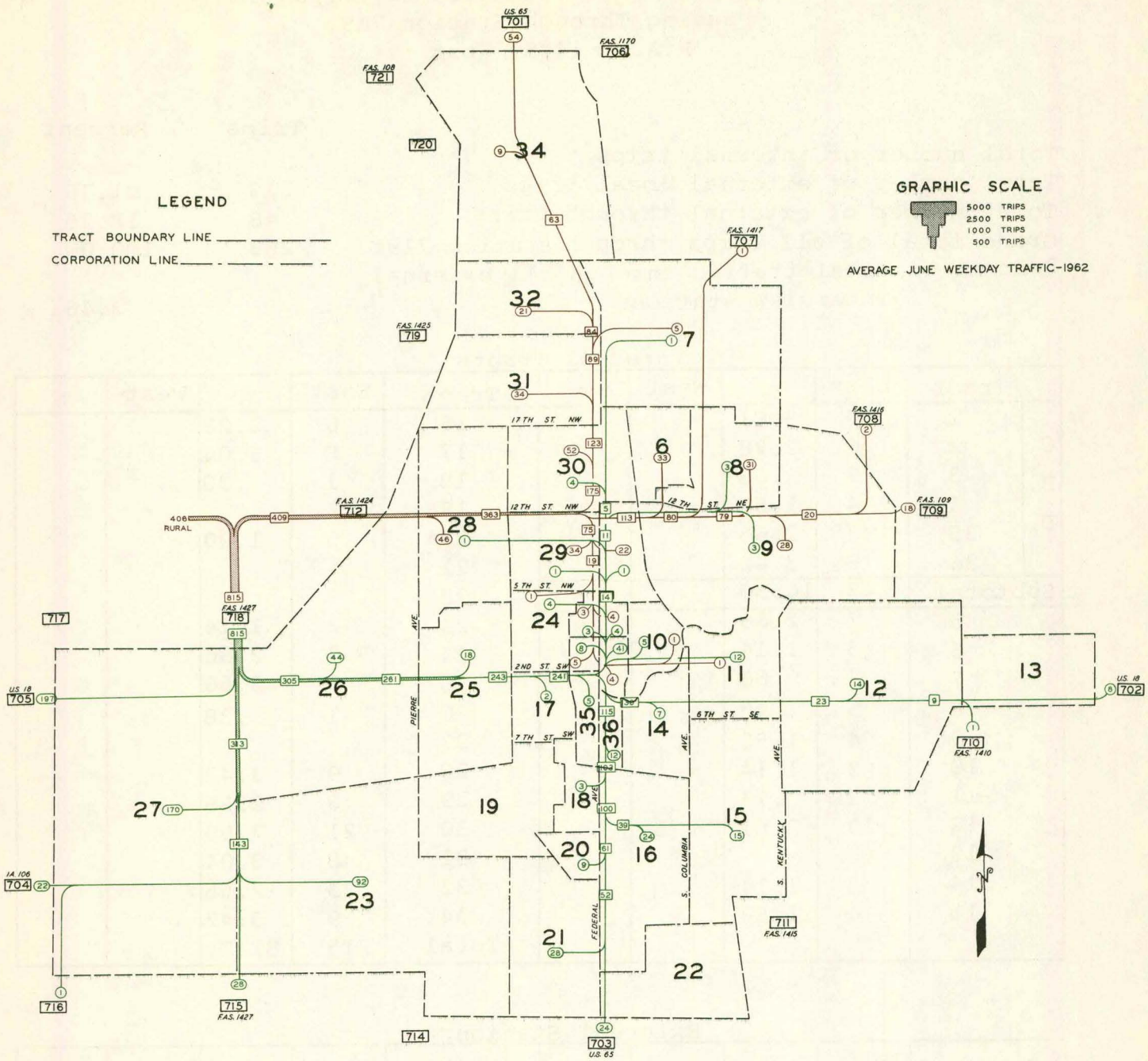


FIGURE 4-17
ORIGIN AND/OR DESTINATION OF TRIPS
PASSING THROUGH
STATION 718 F.A.S. 1427 NORTH
OF THE
MASON CITY URBAN AREA

Table 4-18
Origin and/or Destination of Trips
Passing Through Station 719,
F.A.S. 1425, West

	Trips	Percent
Total number of internal trips		
Total number of external local trips	215	81.75
Total number of external through trips	48	18.25
Grand total of all trips through station 719	263	100.00
Percent of total traffic through all external interview stations		3.46

Internal Tracts

	Tract	East	%	West	%	Tract	East	%	West	%
C.	1	10	3.81			16	6	2.28		
	2	6	2.28			17	8	3.04		
B.	3	7	2.66			18	1	.38		
	4	4	1.52			19				
D.	35	7	2.66			20*	5	1.90		
	36	9	3.42			21				
Subtotal		43	16.35			22				
	5	7	2.66			23	3	1.14		
	6	3	1.14			24	7	2.66		
	7	7	2.66			25	7	2.66		
	8	5	1.90			26	1	.38		
	9	4	1.52			27				
	10	3	1.14			28	9	3.42		
	11	2	.76			29	6	2.28		
	12	10	3.81			30	21	7.98		
	13					31	8	3.04		
	14	3	1.14			32	33	12.55		
	15	4	1.52			34	9	3.42		
						Total	215	81.75		

External Stations

Station	East	%	West	%	Station	East	%	West	%
701	17	6.47			712				
702	1	.38			714				
703	6	2.28			715	2	.76		
704	3	1.14			716				
705	15	5.70	8	3.04	717				
706					718	1	.38		
707					719			255	96.96
708					720				
709	3	1.14			721				
710									
711					Total	48	18.25	255	100.00

* Shopping Center

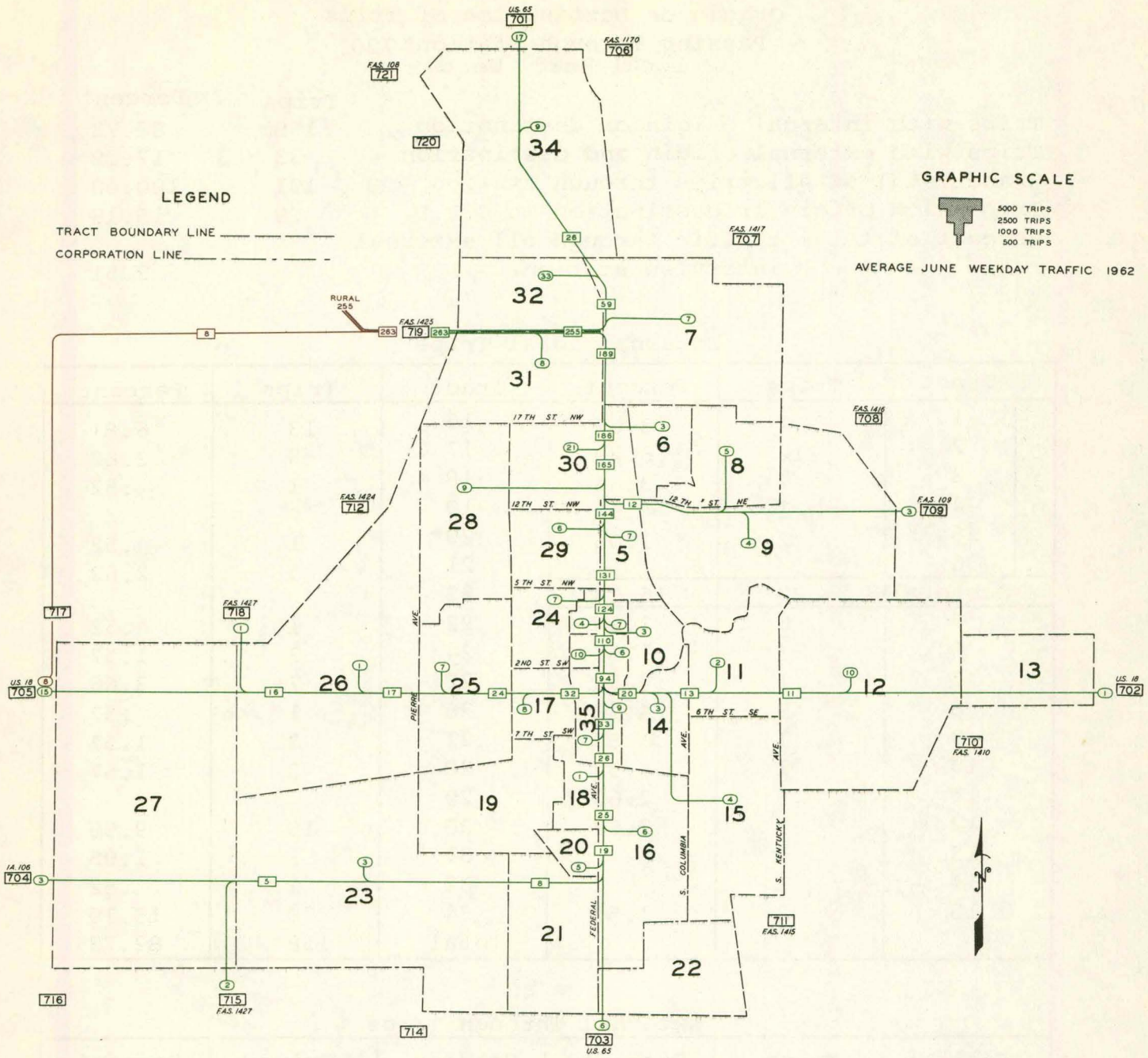


FIGURE 4-18
ORIGIN AND/OR DESTINATION OF TRIPS
PASSING THROUGH
STATION 719-F.A.S. 1425 WEST
OF THE
MASON CITY URBAN AREA

Table 4-19

Origin or Destination of Trips
Passing Through Station 720,
Local Road, West

	Trips	Percent
Trips with internal origin or destination	158	82.72
Trips with external origin and destination	33	17.28
Grand total of all trips through station 720	191	100.00
Trips with origin or destination in C.B.D.	29	15.18
Percent of total traffic through all external interview stations		2.51

External Local Trips

Tract		Trips	Percent	Tract	Trips	Percent
C.B.D.	1	7	3.66	16	13	6.81
	2	12	6.29	17	5	2.62
	3	7	3.66	18	1	.52
	4	1	.52	19		
	35	2	1.05	20*	1	.52
	36			21	5	2.62
Subtotal		29	15.18	22		
	5	6	3.14	23	1	.52
	6	3	1.57	24	3	1.57
	7	1	.52	25	7	3.66
	8	9	4.72	26	1	.52
	9	1	.52	27	3	1.57
	10	1	.52	28	3	1.57
	11	5	2.62	29		
	12	5	2.62	30	19	9.96
	13			31	2	1.05
	14	1	.52	32	1	.52
	15	3	1.57	34	29	15.19
				Total	158	82.72

External Through Trips

Station	Trips	Percent	Station	Trips	Percent
701	22	11.72	712		
702			714		
703	4	2.09	715		
704			716		
705			717		
706	2	1.05	718		
707			719		
708			720		
709	5	2.62	721		
710					
711			Total	33	17.28

* Shopping Center

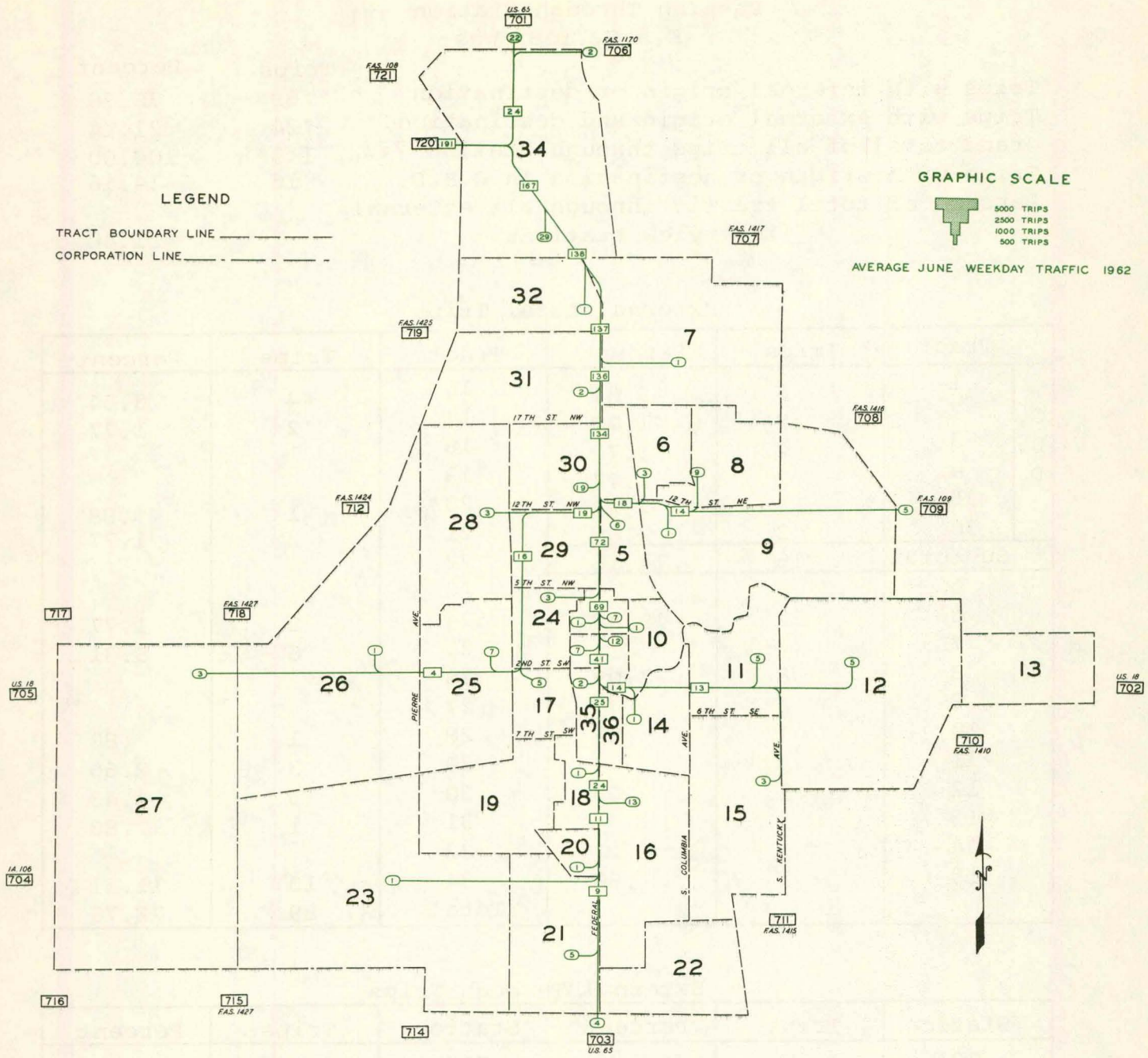


FIGURE 4-19
ORIGIN OR DESTINATION OF TRIPS
PASSING THROUGH
STATION 720-LOCAL ROAD WEST
OF THE
MASON CITY URBAN AREA

Table 4-20

Origin or Destination of Trips
Passing Through Station 721,
F.A.S. 108, West

	Trips	Percent
Trips with internal origin or destination	89	78.76
Trips with external origin and destination	24	21.24
Grand total of all trips through station 721	113	100.00
Trips with origin or destination in C.B.D.	16	14.16
Percent of total traffic through all external interview stations		1.48

External Local Trips

Tract		Trips	Percent	Tract	Trips	Percent
C.B.D.	1	6	5.31	16	4	3.54
	2	2	1.77	17	2	1.77
	3	2	1.77	18		
	4	2	1.77	19		
	35	1	.88	20*	1	.88
	36	3	2.66	21	2	1.77
Subtotal		16	14.16	22		
	5			23		
	6	22	19.48	24	2	1.77
	7			25	6	5.31
	8	8	7.09	26		
	9			27		
	10	1	.88	28	1	.88
	11			29	3	2.65
	12	1	.88	30	5	4.43
	13			31	1	.88
	14			32		
	15	1	.88	34	13	11.51
				Total	89	78.76

External Through Trips

Station	Trips	Percent	Station	Trips	Percent
701	2	1.77	712		
702			714		
703	2	1.77	715	1	.88
704			716		
705			717		
706	16	14.17	718		
707			719		
708			720		
709	2	1.77	721		
710	1	.88			
711			Total	24	21.24

* Shopping Center

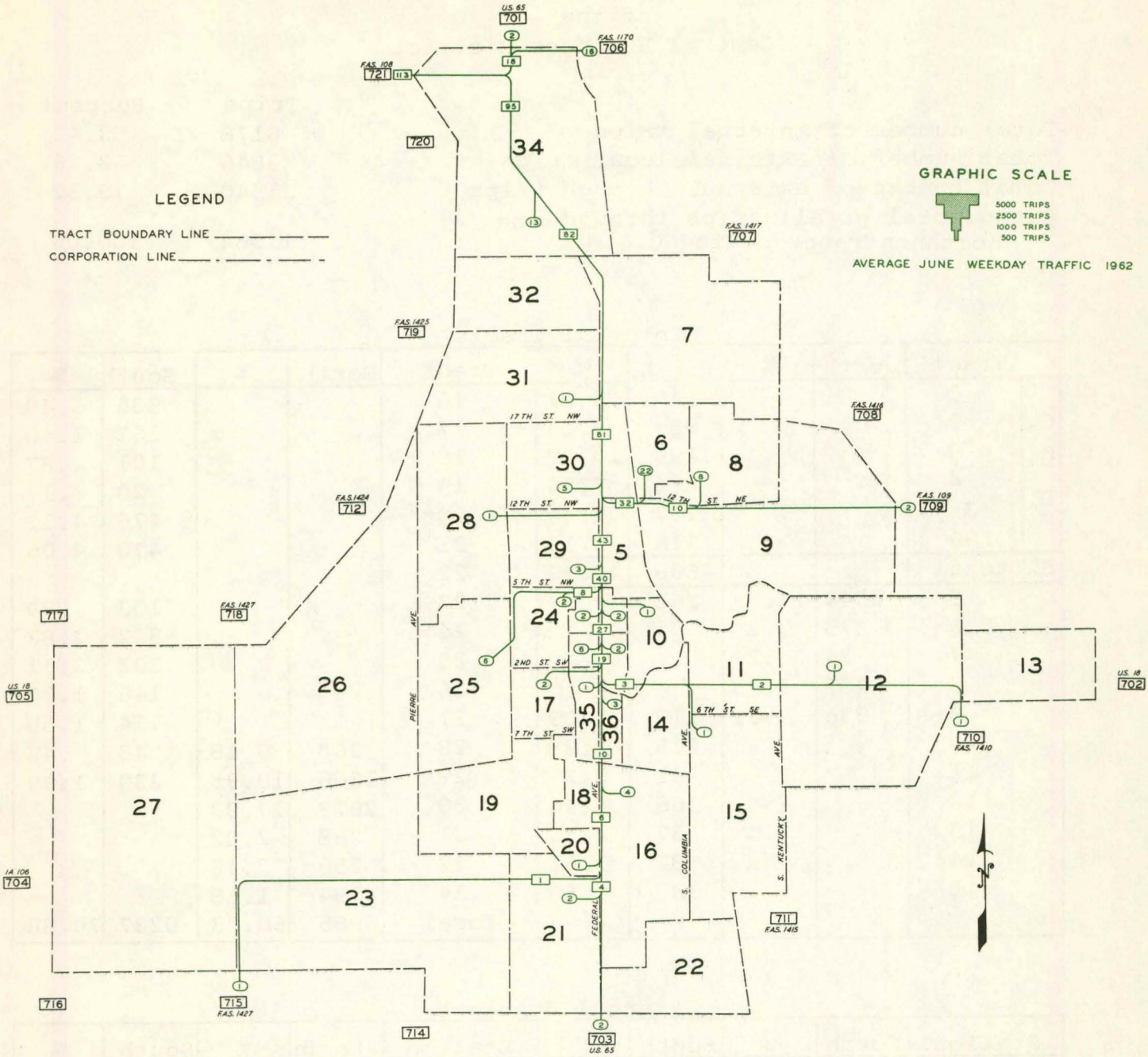


FIGURE 4-20
ORIGIN OR DESTINATION OF TRIPS
PASSING THROUGH
STATION 721-F.A.S. 108 WEST
OF THE
MASON CITY URBAN AREA

Table 4-21
Origin and/or Destination of Trips
Passing Through the North Entrance
of the
Central Business District

	Trips	Percent
Total number of internal trips	6178	53.42
Total number of external local trips	3846	33.26
Total number of external through trips	1540	13.32
Grand total of all trips through the north entrance of the C.B.D.	11564	100.00

Internal Tracts

	Tract	North	%	South	%	Tract	North	%	South	%
C. B. D.	1			649	5.61	16			635	5.49
	2			953	8.24	17			162	1.40
	3			1199	10.37	18			101	.87
	4			874	7.56	19			20	.17
	35			277	2.40	20*			476	4.12
	36			716	6.19	21			470	4.06
Subtotal				4668	40.37	22				
	5	1344	11.62	262	2.27	23			103	.89
	6	375	3.24			24			332	2.87
	7	34	.29			25			302	2.61
	8	457	3.95			26			146	1.26
	9	336	2.91	119	1.03	27			174	1.50
	10			275	2.38	28	368	3.1	48	.42
	11			141	1.22	29	1266	10.9	230	1.99
	12			166	1.44	30	2073	17.9		
	13			37	.32	31	268	2.3		
	14			187	1.62	32	250	2.1		
	15			183	1.58	34	194	1.6		
						Total	6965	60.2	9237	79.88

External Stations

Station	North	%	South	%	Station	North	%	South	%
701	4394	38.00			712	32	.2		
702			294	2.54	714				
703			1435	12.41	715			10	.08
704			33	.29	716				
705			525	4.63	717			7	.06
706	38	.33			718				
707					719	8	.0		
708	2	.02			720				
709	125	1.08			721				
710			10	.08					
711			3	.03	Total	4599	39.7	2327	20.12

* Shopping Center

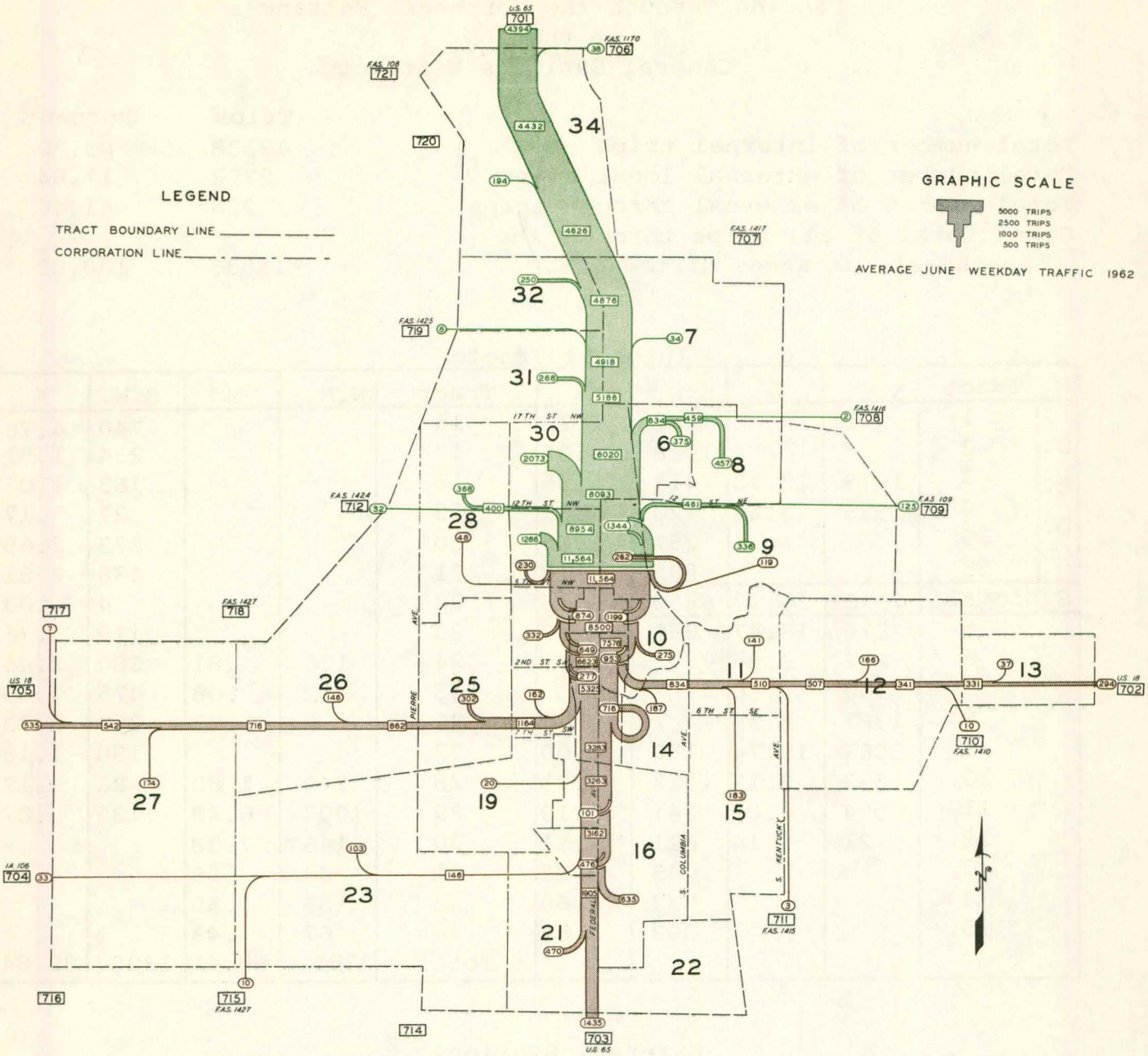


FIGURE 4-21
ORIGIN AND/OR DESTINATION OF TRIPS
PASSING THROUGH
THE NORTH ENTRANCE OF THE
CENTRAL BUSINESS DISTRICT OF
MASON CITY
NORTH FEDERAL AVENUE BETWEEN
5 TH ST. N.E. AND 6 TH ST. N.E.

Table 4-22
Origin and/or Destination of Trips
Passing Through the Northeast Entrances
of the
Central Business District

	Trips	Percent
Total number of internal trips	12538	80.70
Total number of external local trips	2772	17.84
Total number of external through trips	226	1.46
Grand total of all trips through the northeast entrances of the C.B.D.	15536	100.00

Internal Tracts

	Tract	N.E.	%	S.W.	%	Tract	N.E.	%	S.W.	%
C.	1			742	4.78	16			740	4.76
	2			1918	12.35	17			234	1.51
B.	3	1978	12.73	2417	15.56	18			163	1.05
	4	535	3.44	720	4.63	19			27	.17
D.	35			257	1.65	20*			573	3.69
	36			805	5.18	21			436	2.81
Subtotal		2513	16.17	6859	44.15	22			4	.03
	5	2870	18.47	338	2.17	23			119	.76
	6	612	3.94			24	126	.81	380	2.45
	7	140	.90			25	12	.08	475	3.06
	8	1387	8.93			26	5	.03	269	1.73
	9	3067	19.74	156	1.00	27			180	1.16
	10	492	3.17	1012	6.51	28	249	1.60	26	.17
	11	4	.03	341	2.19	29	1007	6.48	135	.87
	12	21	.14	421	2.71	30	1146	7.38		
	13			43	.28	31	87	.56		
	14			633	4.08	32	86	.55		
	15			393	2.53	34	67	.43		
						Total	13891	89.41	13957	89.84

External Stations

Station	N.E.	%	S.W.	%	Station	N.E.	%	S.W.	%
701	1114	7.17			712	19	.12		
702			417	2.69	714				
703			558	3.59	715			9	.06
704			13	.08	716			2	.01
705	8	.05	563	3.63	717			2	.01
706	13	.08			718				
707	26	.17			719	4	.03		
708	113	.73			720				
709	348	2.24			721				
710			10	.06					
711			5	.03	Total	1645	10.59	1579	10.16

* Shopping Center

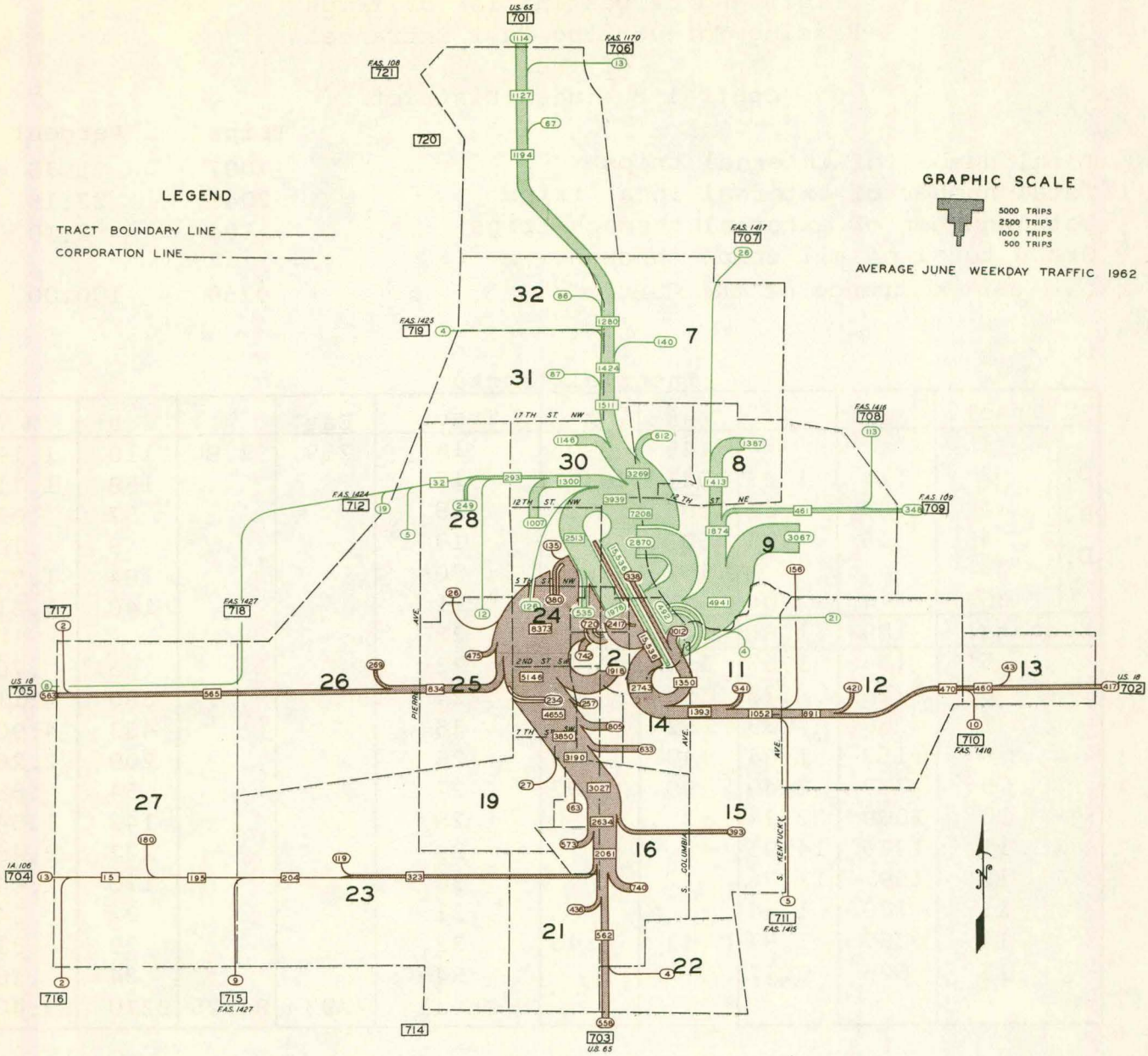


FIGURE 4-22
ORIGIN AND/OR DESTINATION OF TRIPS
PASSING THROUGH
THE NORTHEAST ENTRANCES OF THE
CENTRAL BUSINESS DISTRICT OF
MASON CITY

SCREEN LINE OF STATIONS LOCATED BETWEEN
NORTH FEDERAL AVE. AND NORTH PENNSYLVANIA AVE. EXTENDING
FROM 6TH ST. N.E. TO 2ND ST. N.E.

Table 4-23
Origin and/or Destination of Trips
Passing Through the East Entrance
of the
Central Business District

	Trips	Percent
Total number of internal trips	7007	75.75
Total number of external local trips	2049	22.15
Total number of external through trips	194	2.10
Grand total of all trips through the east entrance of the C.B.D.	9250	100.00

Internal Tracts

	Tract	East	%	West	%	Tract	East	%	West	%
C. B. D.	1			745	8.05	16	259	2.8	110	1.19
	2	114	1.23	1921	20.77	17			158	1.71
	3	57	.62	1006	10.88	18			57	.62
	4	5	.06	693	7.49	19			9	.10
	35			152	1.64	20*			184	1.99
	36	4	.04	325	3.51	21			140	1.51
Subtotal		180	1.95	4842	52.34	22				
	5	155	1.67	189	2.04	23			65	.70
	6	26	.28	56	.61	24			380	4.11
	7	36	.39	22	.24	25			453	4.90
	8	152	1.64	49	.53	26			209	2.26
	9	777	8.40	99	1.07	27			54	.58
	10	2069	22.37	537	5.80	28			142	1.54
	11	1379	14.91			29			227	2.45
	12	1597	17.26			30			170	1.84
	13	170	1.84			31			22	.24
	14	367	3.97	43	.46	32			29	.31
	15	626	6.77			34			24	.26
						Total	7793	84.2	8270	89.40

External Stations

Station	East	%	West	%	Station	East	%	West	%
701	6	.06	225	2.44	712			5	.05
702	1323	14.30			714				
703			224	2.42	715			13	.14
704			19	.21	716			1	.01
705			489	5.29	717				
706					718				
707	15	.16			719				
708	19	.21	1	.01	720				
709	60	.65	1	.01	721			2	.02
710	34	.37							
711					Total	1457	15.7	980	10.60

* Shopping Center

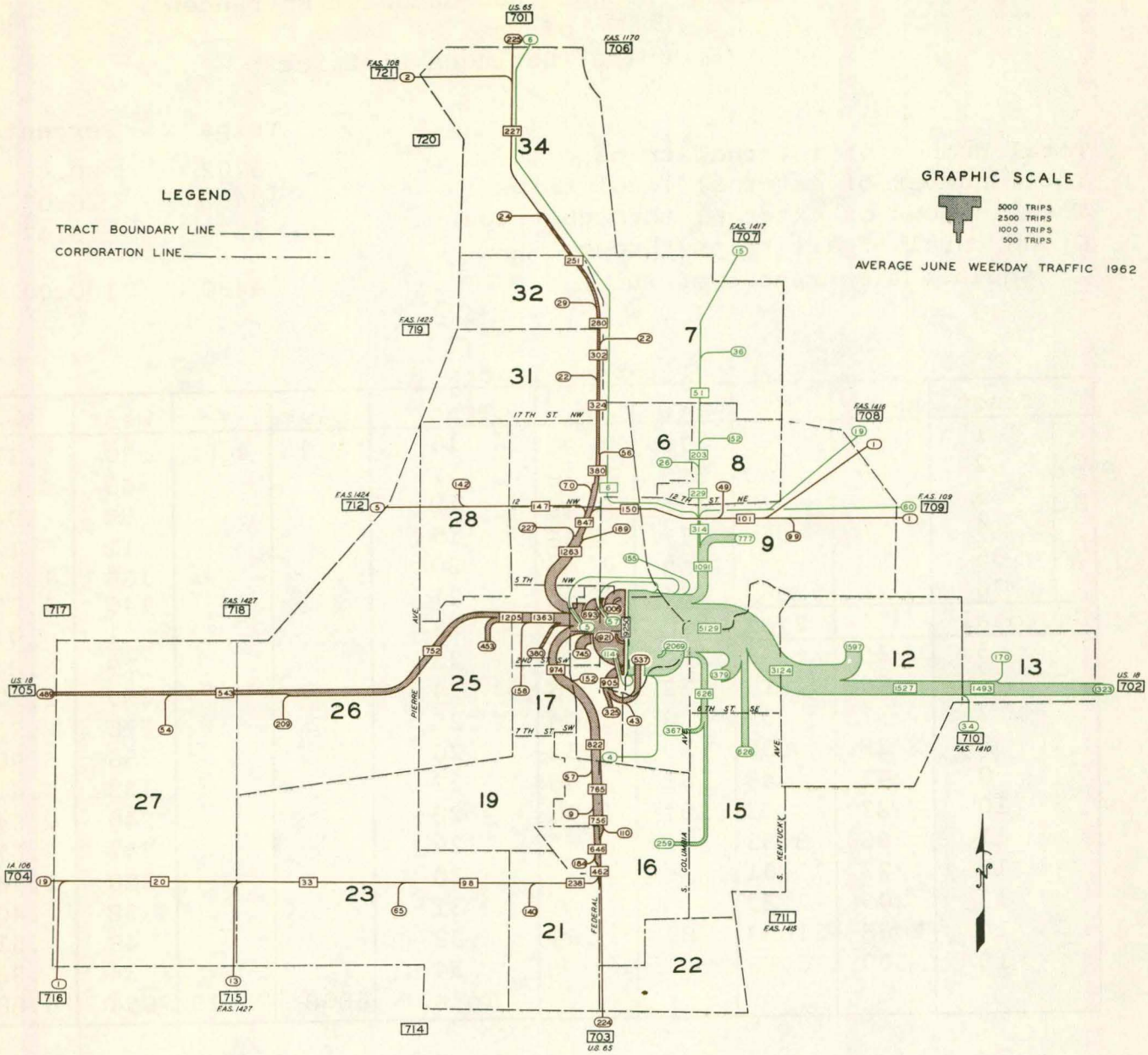


FIGURE 4-23

ORIGIN AND/OR DESTINATION OF TRIPS PASSING THROUGH

THE EAST ENTRANCES OF THE CENTRAL BUSINESS DISTRICT OF

MASON CITY

SCREEN LINE OF STATIONS LOCATED BETWEEN PENNSYLVANIA AVE. AND GEORGIA AVE. EXTENDING FROM 2ND ST. NE. TO 2ND ST. S.E.

Table 4-24
Origin and/or Destination of Trips
Passing Through the Southeast Entrances
of the
Central Business District

	Trips	Percent
Total number of internal trips	5702	60.46
Total number of external local trips	2458	26.07
Total number of external through trips	1270	13.47
Grand total of all trips through the southeast entrances of the C.B.D.	9430	100.00

Internal Tracts

	Tract	East	%	West	%	Tract	East	%	West	%
C.	1			470	4.98	16	458	4.86	30	.31
	2	65	.69	883	9.36	17			343	3.64
B.	3			423	4.49	18			89	.94
	4			317	3.36	19			11	.12
D.	35			462	4.90	20*			165	1.75
	36	248	2.63	364	3.86	21			146	1.55
Subtotal		313	3.32	2919	30.95	22			1	.01
	5	36	.38	174	1.85	23			79	.84
	6	14	.15	72	.76	24			299	3.17
	7	7	.07	6	.06	25			776	8.23
	8	28	.30	29	.31	26			556	5.90
	9	41	.43	81	.86	27			133	1.41
	10	22	.23	194	2.06	28			240	2.54
	11	786	8.33			29			242	2.57
	12	1227	13.01			30			260	2.76
	13	209	2.22			31			38	.40
	14	2068	21.93	89	.94	32			48	.51
	15	1599	16.96			34			34	.36
						Total	6808	72.19	7054	74.80

External Stations

Station	East	%	West	%	Station	East	%	West	%
701			355	3.77	712				
702	2520	26.73			714				
703			261	2.77	715			25	.27
704			18	.19	716			3	.03
705			1690	17.92	717			4	.04
706			18	.19	718				
707	3	.03			719				
708	14	.15			720				
709	32	.34			721			2	.02
710	49	.52							
711	4	.04			Total	2622	27.81	2376	25.20

* Shopping Center

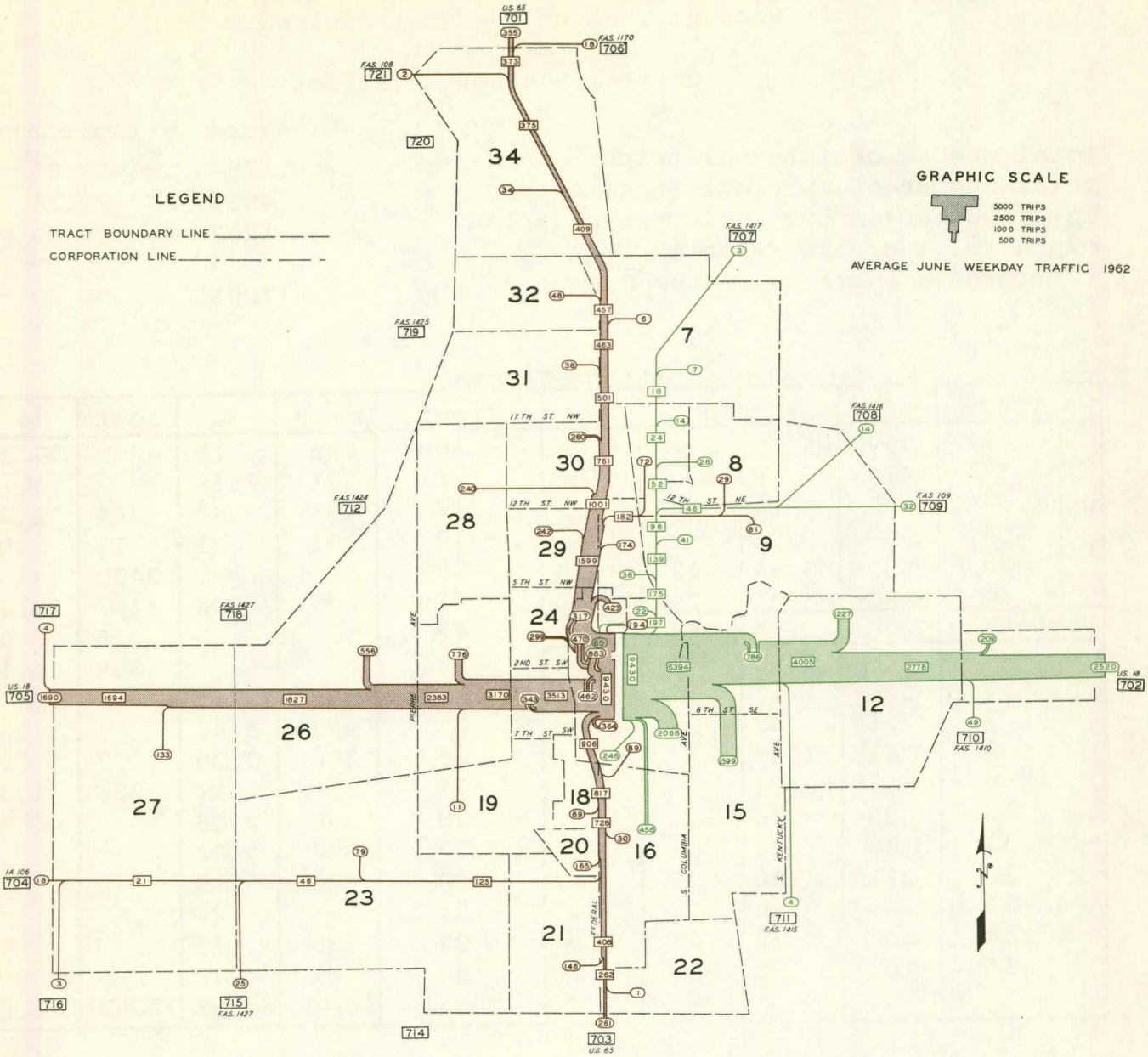


FIGURE 4-24

ORIGIN AND/OR DESTINATION OF TRIPS PASSING THROUGH

THE SOUTHEAST ENTRANCES OF THE CENTRAL BUSINESS DISTRICT OF

MASON CITY

SCREEN LINE OF STATIONS LOCATED BETWEEN SOUTH DELAWARE AVE. AND SOUTH JERSEY AVE. EXTENDING FROM 5TH ST. S.E. TO 8TH ST. S.E.

Table 4-25
Origin and/or Destination of Trips
Passing Through the South Entrance
of the
Central Business District

	Trips	Percent
Total number of internal trips	10754	63.25
Total number of external local trips	4955	29.15
Total number of external through trips	1292	7.60
Grand total of all trips through the south entrance of the C.B.D.	17001	100.00

Internal Tracts

	Tract	North	%	South	%	Tract	North	%	South	%
C. B. D.	1	999	5.88			16	28	.16	4619	27.17
	2	1919	11.28			17	371	2.18		
	3	1226	7.21			18	105	.62	384	2.26
	4	999	5.88			19	35	.21	11	.06
	35	585	3.44	22	.13	20*			2492	14.66
	36	1180	6.94	26	.15	21			3477	20.45
Subtotal		6908	40.63	48	.28	22			15	.09
	5	520	3.06			23			698	4.11
	6	284	1.67			24	463	2.72		
	7	71	.42			25	923	5.43		
	8	261	1.53			26	406	2.39	2	.01
	9	563	3.31			27	30	.18	226	1.33
	10	538	3.16			28	350	2.06		
	11	138	.81			29	547	3.22		
	12	221	1.30	5	.03	30	540	3.18		
	13	69	.40			31	71	.42		
	14	442	2.60	24	.14	32	135	.79		
	15	100	.59	262	1.54	34	81	.48		
						Total	14200	83.52	12263	72.13

External Stations

Station	North	%	South	%	Station	North	%	South	%
701	1566	9.21			712	10	.06		
702	482	2.84			714				
703			4015	23.61	715			32	.19
704			665	3.91	716			25	.15
705	646	3.80			717				
706	17	.10			718	1	.01		
707	9	.05			719	1	.01		
708	10	.06			720				
709	48	.28			721				
710	11	.06							
711			1	.01	Total	2801	16.48	4738	27.87

* Shopping Center

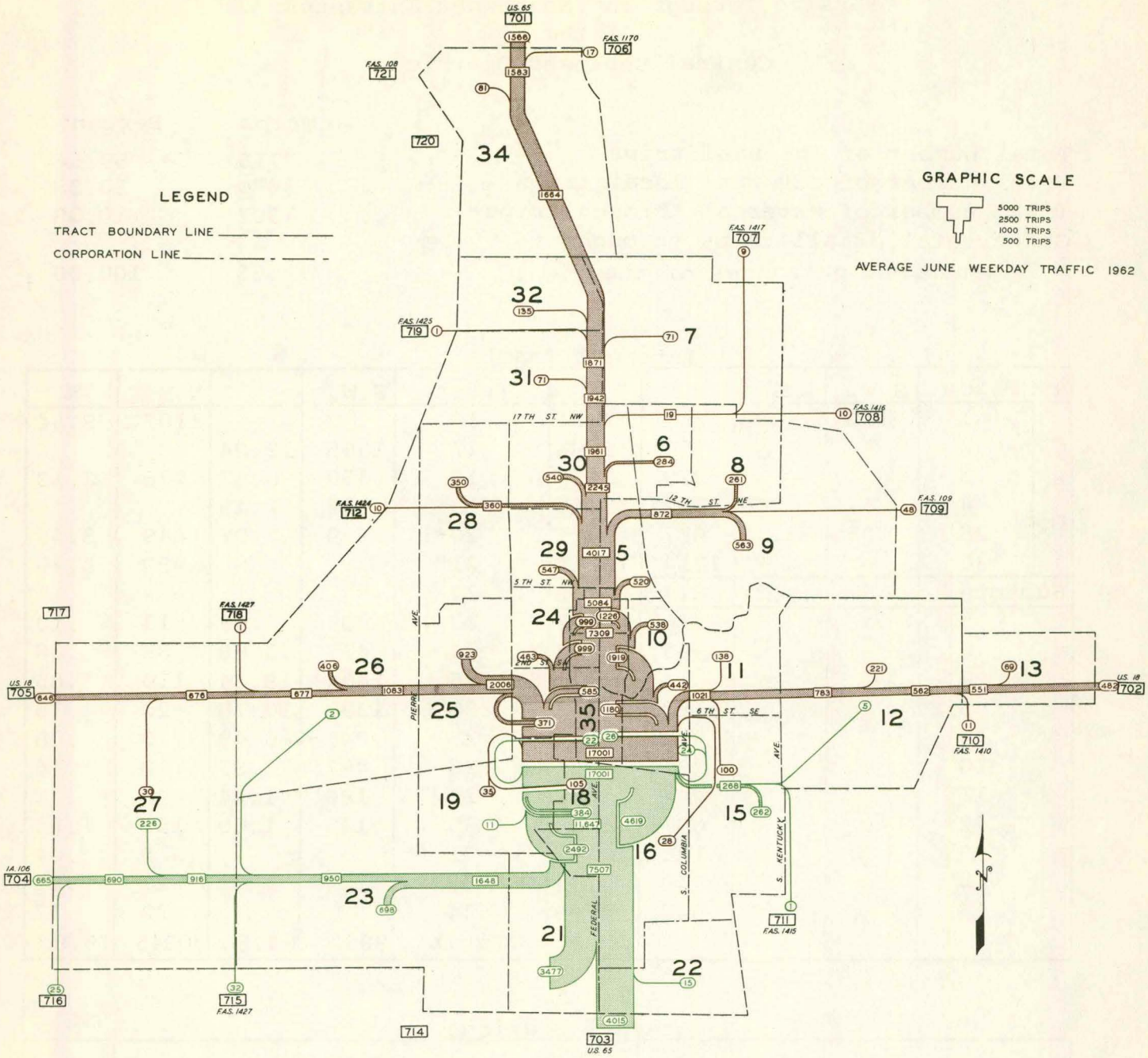


FIGURE 4-25
ORIGIN AND/OR DESTINATION OF TRIPS
PASSING THROUGH
THE SOUTH ENTRANCE OF THE
CENTRAL BUSINESS DISTRICT OF
MASON CITY
SOUTH FEDERAL AVE. BETWEEN
8TH ST. S.W. AND 10TH ST. S.W.

Table 4-26
Origin and/or Destination of Trips
Passing Through the Southwest Entrances
of the
Central Business District

	Trips	Percent
Total number of internal trips	7719	59.54
Total number of external local trips	3939	30.38
Total number of external through trips	1307	10.08
Grand total of all trips through the southwest entrances of the C.B.D.	12965	100.00

Internal Tracts

	Tract	S.W.	%	N.E.	%	Tract	S.W.	%	N.E.	%
	1	110	.85	261	2.01	16			1107	8.54
C.	2			760	5.86	17	1665	12.84		
B.	3			370	2.85	18	450	3.47	276	2.13
	4	52	.40	232	1.79	19	322	2.49		
D.	35	405	3.12	877	6.77	20*	9	.07	449	3.46
	36			1314	10.14	21			488	3.76
Subtotal		567	4.37	3814	29.42	22				
	5			210	1.62	23	86	.66	13	.10
	6			93	.72	24	477	3.68	88	.68
	7			14	.11	25	2404	18.54	110	.85
	8			82	.63	26	1398	10.78	20	.15
	9			321	2.48	27	841	6.49	10	.08
	10			287	2.21	28	497	3.83	18	.14
	11			444	3.42	29	186	1.44	94	.72
	12			687	5.30	30	130	1.00	159	1.23
	13			120	.93	31			5	.04
	14			740	5.71	32			27	.21
	15			647	4.99	34			22	.17
						Total	9032	69.66	10345	79.80

External Stations

Station	S.W.	%	N.E.	%	Station	S.W.	%	N.E.	%
701			332	2.56	712	5	.04		
702			1526	11.77	714				
703			666	5.14	715	37	.28	2	.02
704	22	.17	12	.09	716	11	.08	1	.01
705	3851	29.70			717	6	.05		
706			1	.01	718	1	.01		
707			2	.02	719			1	.01
708			19	.14	720				
709			19	.14	721				
710			32	.25					
711			7	.05	Total	3933	30.34	2620	20.20

* Shopping Center

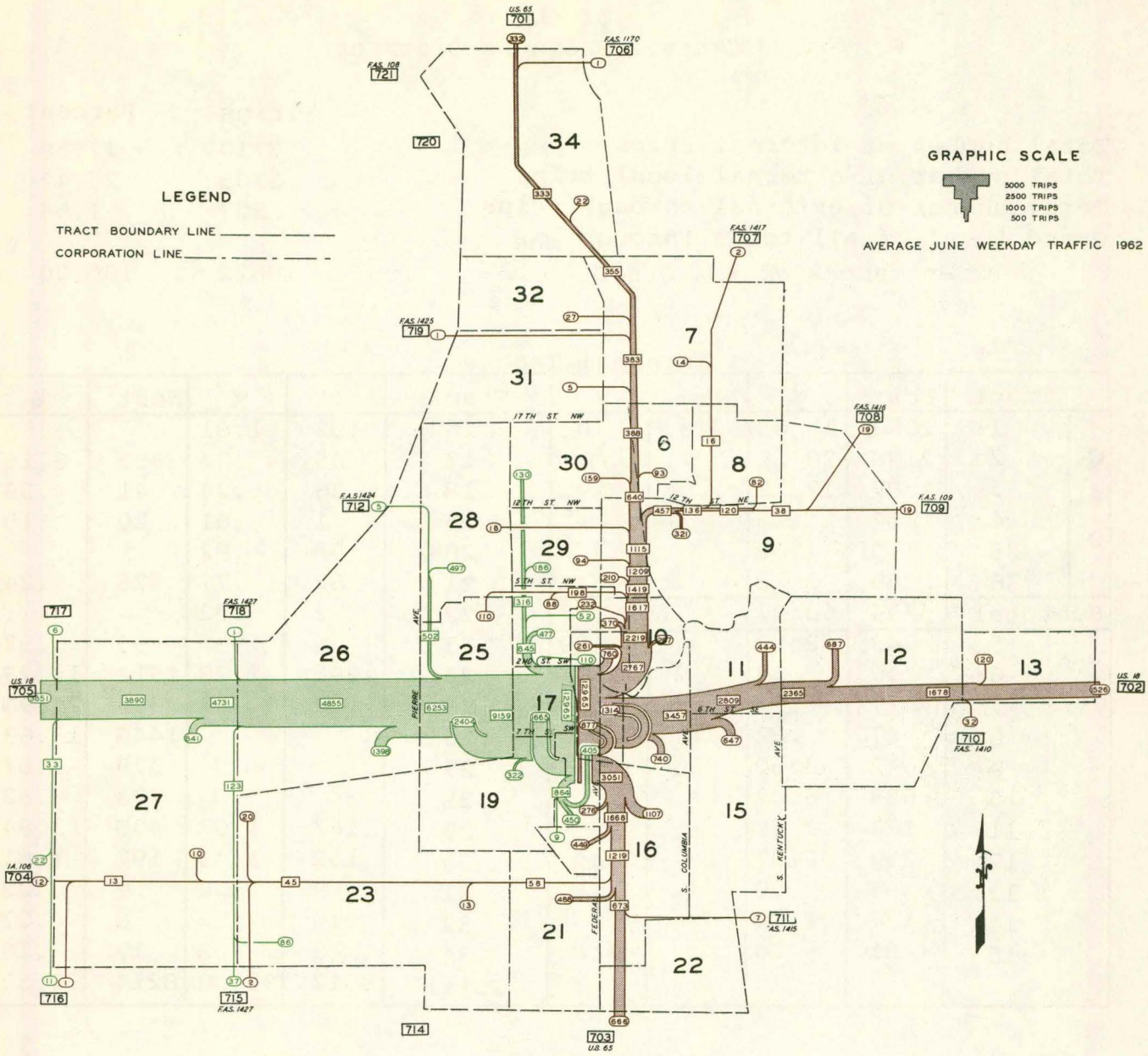


FIGURE 4-26
ORIGIN AND/OR DESTINATION OF TRIPS
PASSING THROUGH
THE SOUTHWEST ENTRANCES OF THE
CENTRAL BUSINESS DISTRICT OF
MASON CITY

SCREEN LINE OF STATIONS LOCATED BETWEEN
SOUTH PRESIDENT AVE. AND SOUTH WASHINGTON AVE.
EXTENDING FROM 8TH ST. S.W. TO 4TH ST. S.W.

Table 4-27
Origin and/or Destination of Trips
Passing Through the West Entrances
of the
Central Business District

	Trips	Percent
Total number of internal trips	7710	72.58
Total number of external local trips	2705	25.47
Total number of external through trips	207	1.95
Grand total of all trips through the west entrances of the C.B.D.	10622	100.00

Internal Tracts

	Tract	East	%	West	%	Tract	East	%	West	%
C.	1	1662	15.65	7	.07	16	192	1.81		
B.	2	2190	20.62			17	35	.33	653	6.15
D.	3	1287	12.12			18	26	.24	41	.39
	4	1187	11.18			19	1	.01	20	.19
	35	179	1.68			20*	98	.92		
	36	289	2.72			21	82	.77	26	.24
Subtotal		6794	63.97	7	.07	22	2	.02		
	5	243	2.29	31	.29	23			55	.52
	6	46	.43	7	.07	24	296	2.79	1512	14.23
	7	7	.07	6	.06	25	2	.02	2649	24.94
	8	87	.82	17	.16	26			1448	13.63
	9	372	3.50	26	.24	27			379	3.57
	10	639	6.02			28			703	6.62
	11	124	1.17			29	167	1.57	408	3.84
	12	252	2.37			30	152	1.43	192	1.81
	13	53	.50			31	9	.08	9	.08
	14	127	1.20			32	16	.15	8	.07
	15	81	.76			34	9	.08	17	.16
						Total	9912	93.32	8214	77.33

External Stations

Station	East	%	West	%	Station	East	%	West	%
701	269	2.53	73	.69	712			22	.21
702	256	2.41			714				
703	158	1.49			715			11	.10
704			18	.17	716	1	.01	27	.25
705			2244	21.12	717			5	.05
706			4	.04	718			2	.02
707	4	.04			719				
708	4	.04			720				
709	10	.09	2	.02	721				
710	8	.07							
711					Total	710	6.68	2408	22.67

* Shopping Center

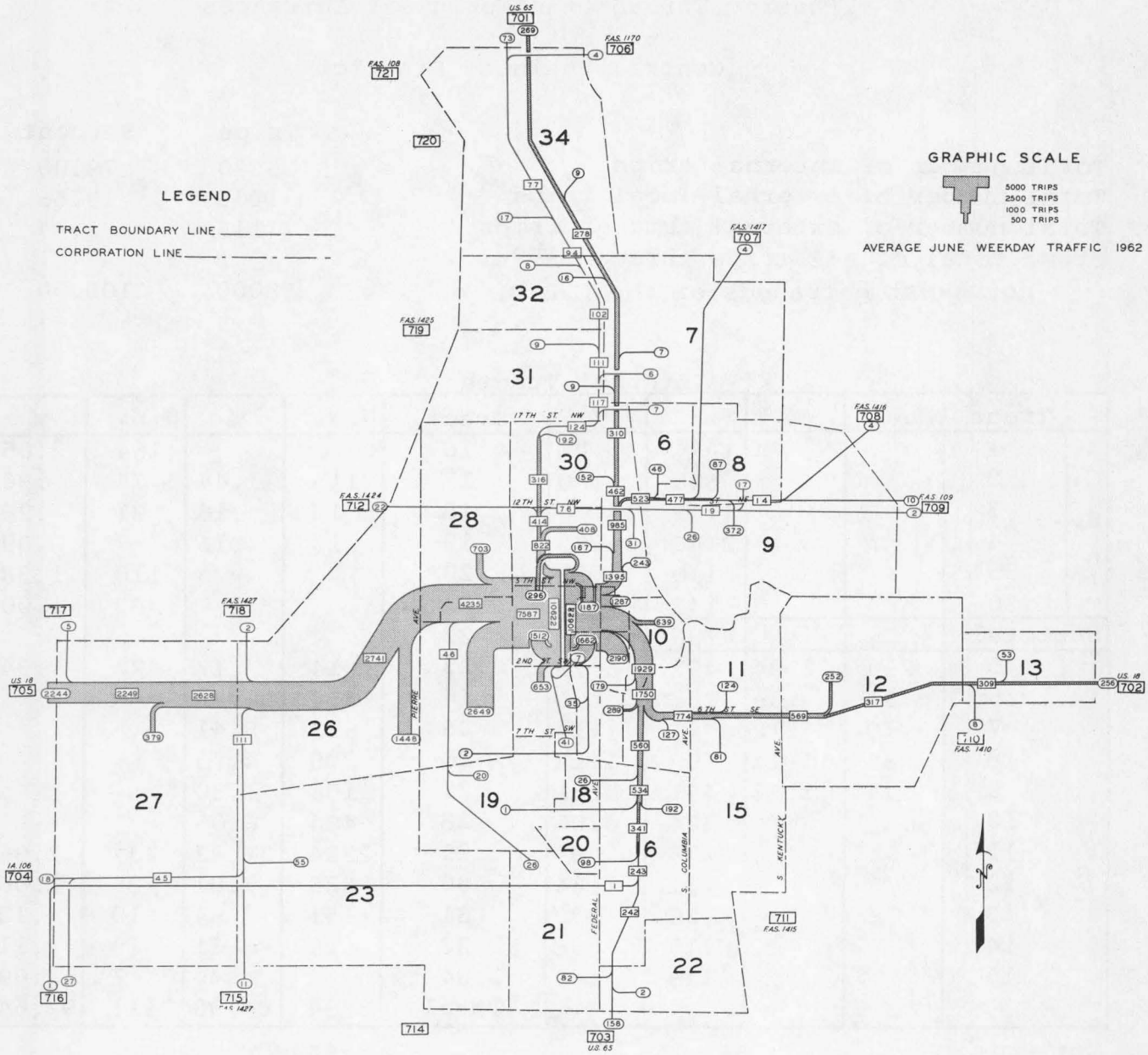


FIGURE 4-27
ORIGIN AND/OR DESTINATION OF TRIPS
PASSING THROUGH
THE WEST ENTRANCES OF THE
CENTRAL BUSINESS DISTRICT OF
MASON CITY

SCREEN LINE OF STATIONS LOCATED BETWEEN
WASHINGTON AVE. AND JEFFERSON AVE. EXTENDING
FROM 2ND ST. S.W. TO 2ND ST. N.W.

Table 4-28
Origin and/or Destination of Trips
Passing Through the Northwest Entrances
of the
Central Business District

	Trips	Percent
Total number of internal trips	6320	79.00
Total number of external local trips	1565	19.56
Total number of external through trips	115	1.44
Grand total of all trips through the northwest entrances of the C.B.D.	8000	100.00

Internal Tracts

	Tract	N.W.	%	S.E.	%	Tract	N.W.	%	S.E.	%
C. B. D.	1			545	6.81	16			164	2.05
	2			640	8.00	17	115	1.44	77	.96
	3			1152	14.40	18	13	.16	21	.26
	4			2146	26.83	19	13	.16	7	.09
	35			110	1.38	20*			110	1.38
	36			143	1.79	21			80	1.00
Subtotal				4736	59.21	22				
	5	235	2.94	457	5.71	23	14	.17	27	.34
	6	31	.39	53	.66	24	1554	19.42		
	7	10	.12	11	.14	25	673	8.41		
	8	89	1.11	90	1.12	26	378	4.72		
	9	114	1.43	441	5.51	27	104	1.30		
	10			324	4.05	28	484	6.05		
	11			79	.99	29	2234	27.92	237	2.96
	12			131	1.64	30	625	7.81	85	1.06
	13			26	.32	31	51	.64	10	.12
	14			110	1.38	32	25	.31	9	.11
	15			119	1.49	34	32	.40	7	.09
						Total	6794	84.93	7411	92.64

External Stations

Station	N.W.	%	S.E.	%	Station	N.W.	%	S.E.	%
701	398	4.97	198	2.47	712	41	.52		
702			97	1.21	714				
703	33	.41	121	1.51	715	10	.12	3	.04
704	7	.09	1	.01	716	6	.07		
705	652	8.15	105	1.31	717	3	.04		
706	3	.04	2	.03	718	4	.05		
707	2	.03	7	.09	719	4	.05		
708	4	.05	1	.01	720				
709	38	.47	51	.64	721	1	.01		
710									
711			3	.04	Total	1206	15.07	589	7.36

* Shopping Center

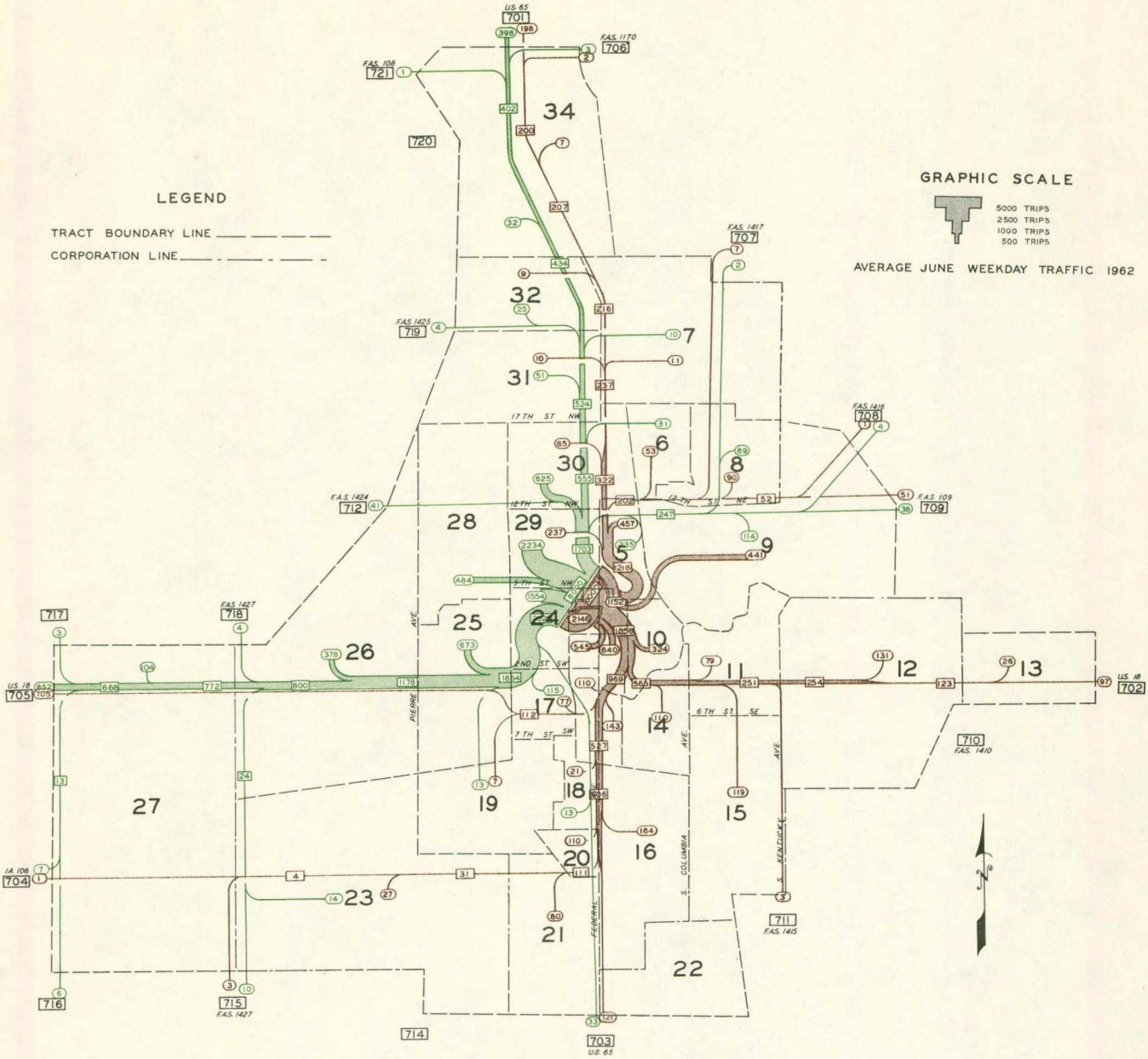


FIGURE 4-28

ORIGIN AND/OR DESTINATION OF TRIPS PASSING THROUGH THE NORTHWEST ENTRANCES OF THE CENTRAL BUSINESS DISTRICT OF

MASON CITY

SCREEN LINE OF STATIONS LOCATED BETWEEN NORTH FEDERAL AVE. AND NORTH ADAMS AVE. EXTENDING FROM 2ND. ST. N.W. TO 6TH. ST. N.W

FIGURE 4-29

VOLUMES OF 2000 AND UP

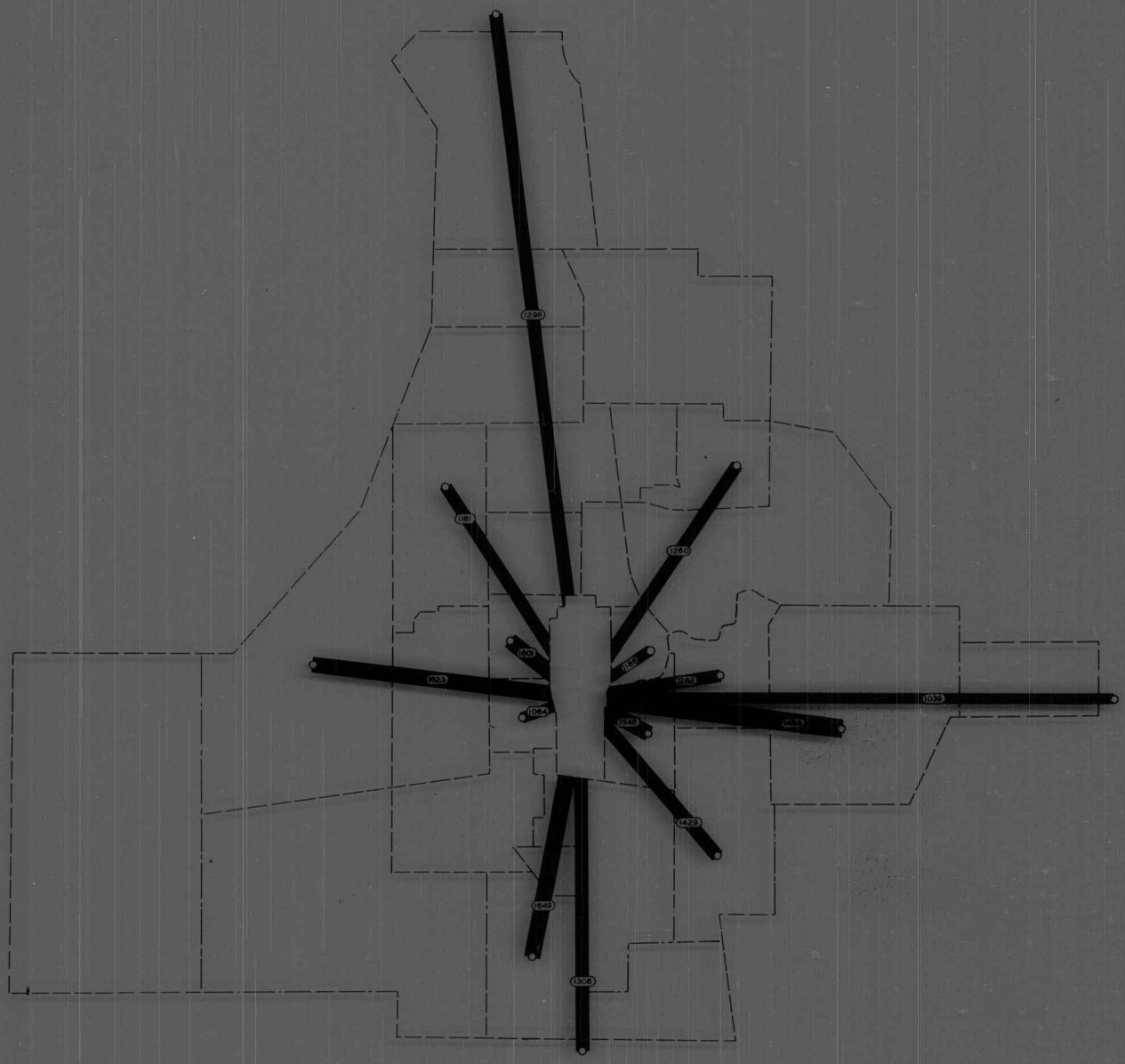


FIGURE 4-30

VOLUMES OF 1000 TO 2000

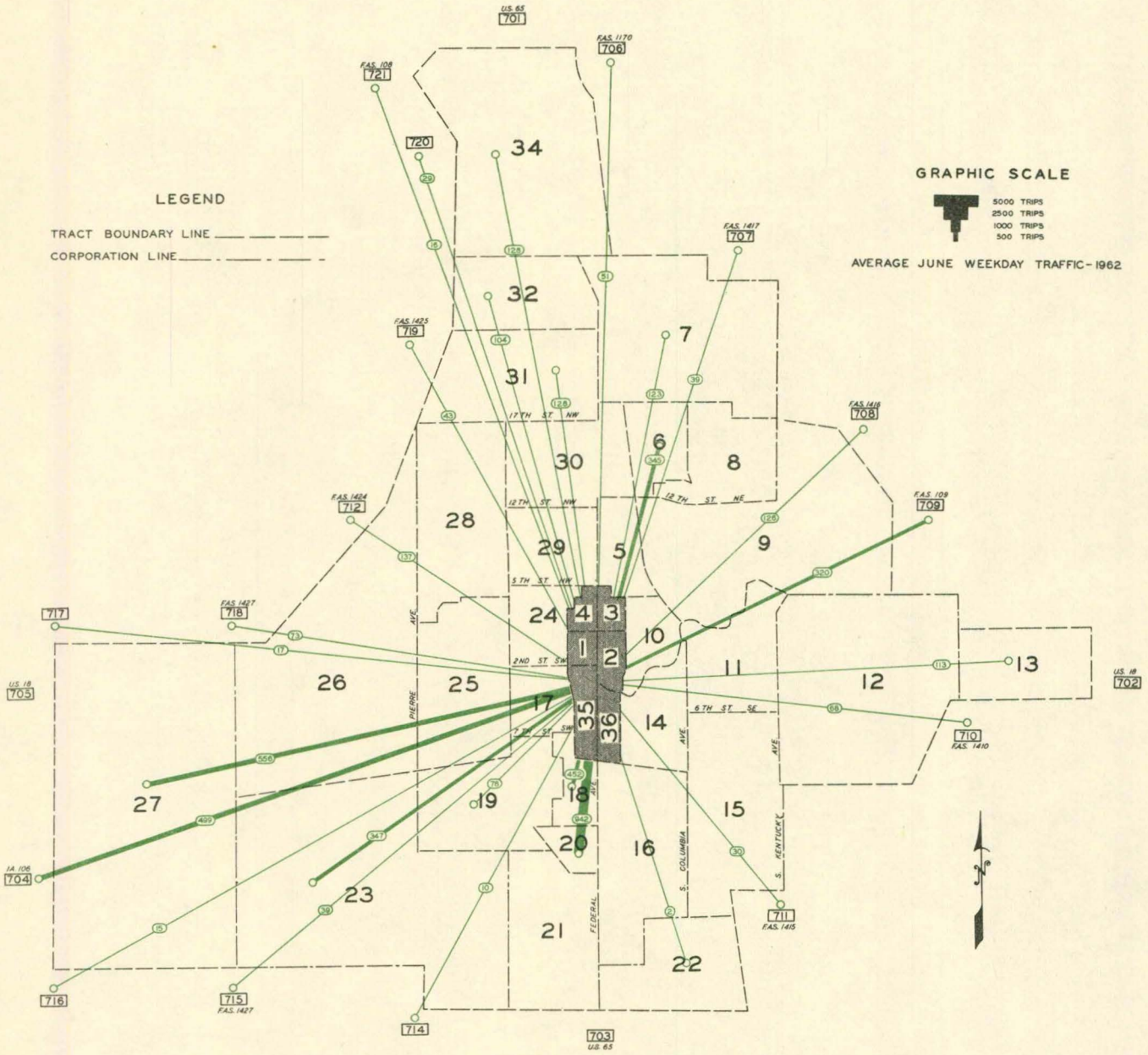


FIGURE 4-31
DESIRE LINES OF TRAVEL OF TRIPS
TO OR FROM THE
MASON CITY
CENTRAL BUSINESS DISTRICT
VOLUMES OF 1 TO 1000

FIGURE 4-32

[redacted]

[redacted]

VOLUMES OF 100 AND OVER

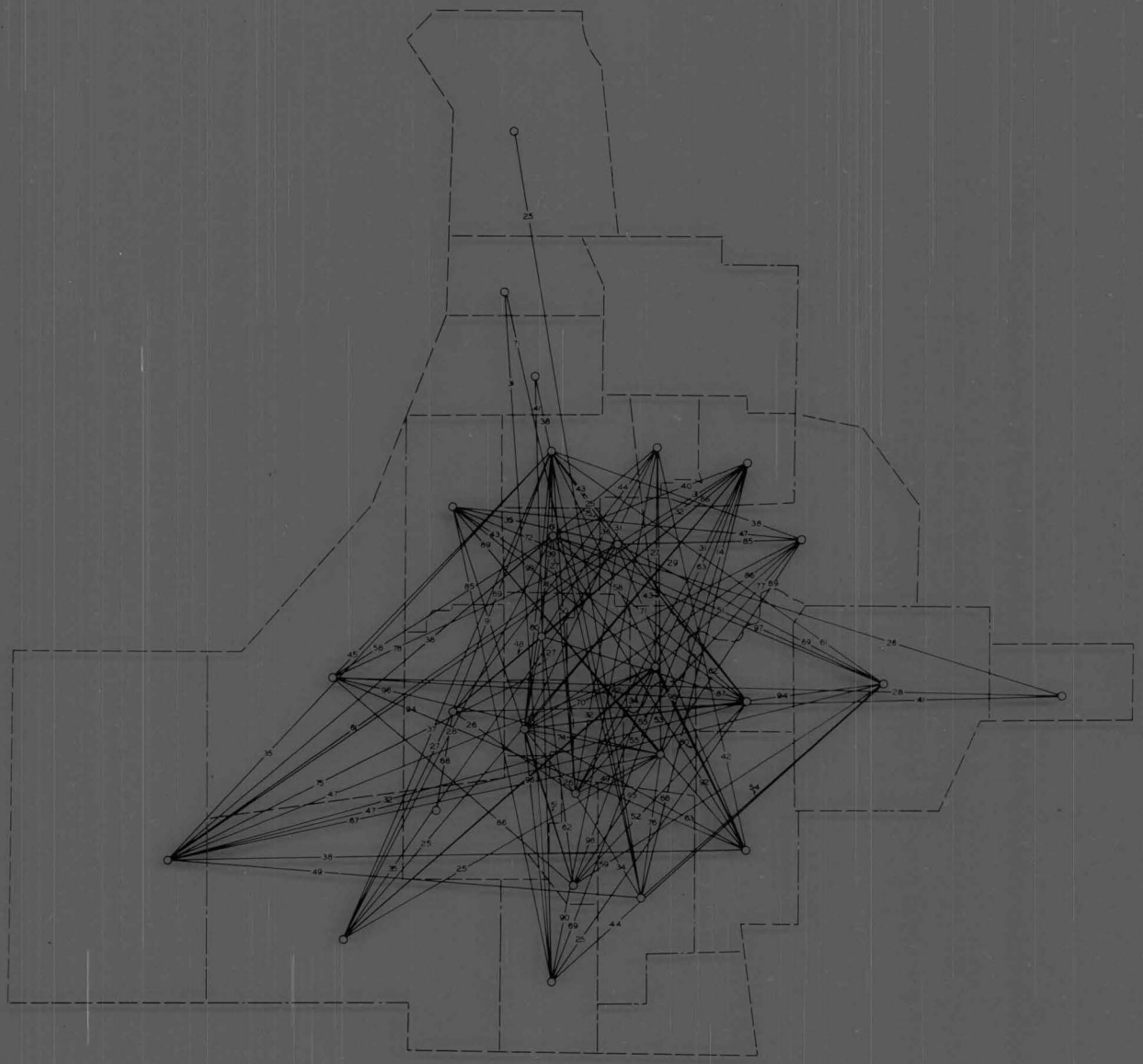


FIGURE 4-33

[redacted]

[redacted]

VOLUMES OF 25 TO 100

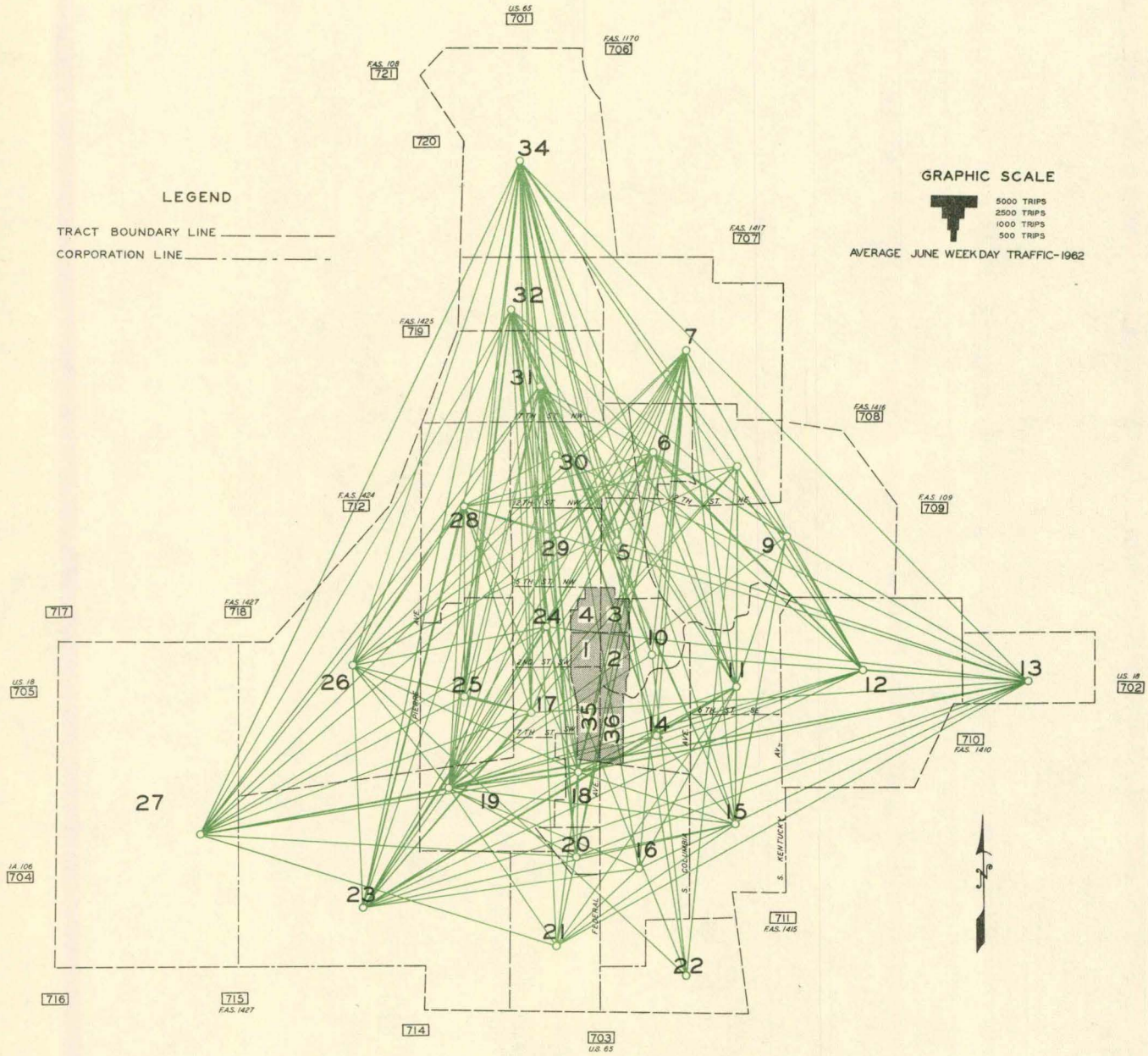


FIGURE 4-34
DESIRE LINES OF TRAVEL OF INTERNAL TRIPS
PASSING THROUGH THE
MASON CITY
CENTRAL BUSINESS DISTRICT
VOLUMES OF 1 TO 25

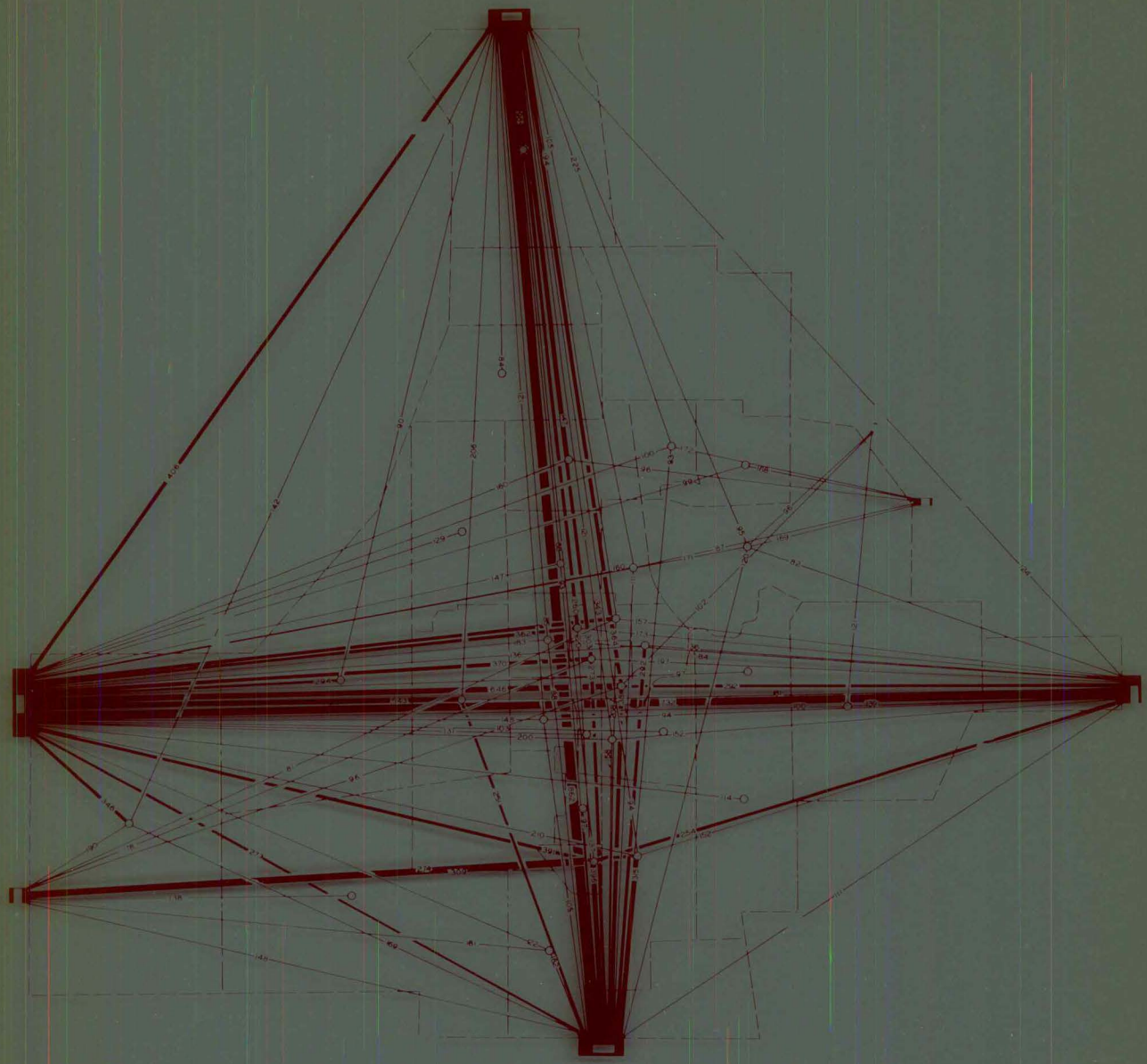


FIGURE 4-35

VOLUMES OF 80 AND OVER

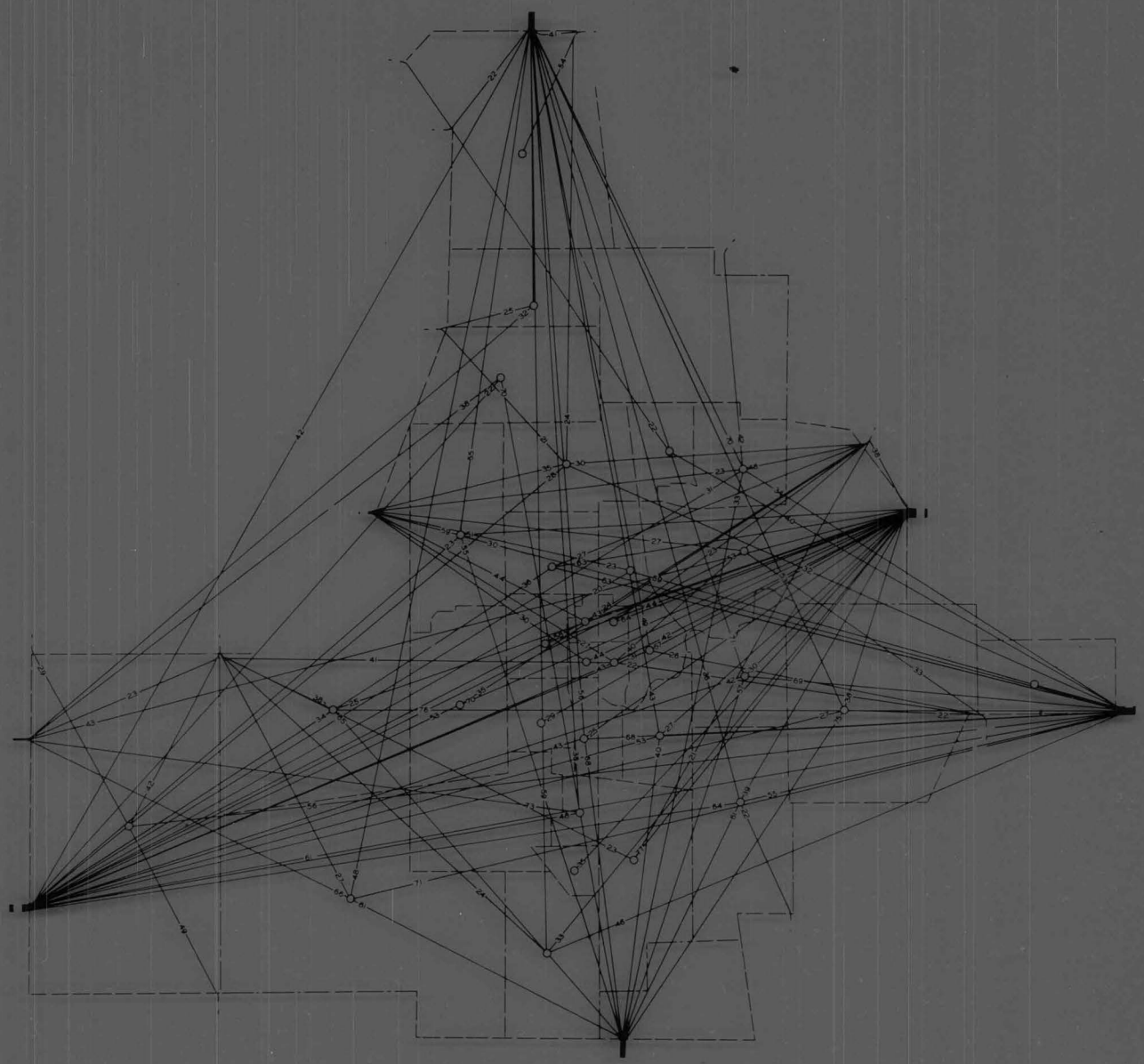


FIGURE 4-36

[redacted]

[redacted]

VOLUMES OF 20 TO 80

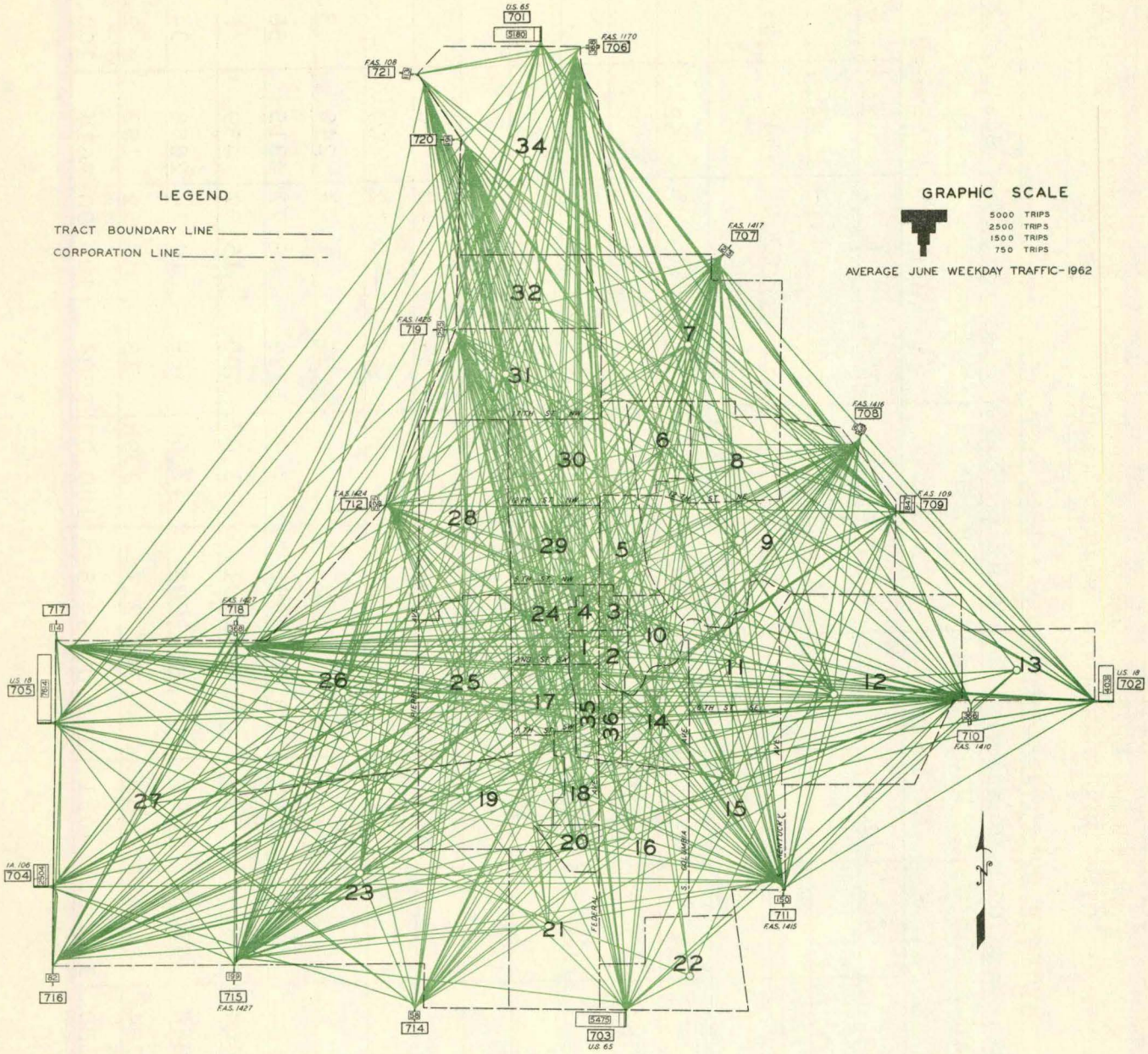


FIGURE 4-37

DESIRE LINES OF TRAVEL OF TRIPS
TO OR FROM EXTERNAL ENTRANCES
OF THE

MASON CITY URBAN AREA

VOLUMES OF 1 TO 20

Table 4-29
SUMMARY OF EXTERNAL TRIPS
ENTERING OR LEAVING
THE MASON CITY URBAN AREA ON PRIMARY ROADS

Average June Weekday Traffic 1962

Origin or Destination	Station 701 U.S. 65 North		Station 702 U.S. 18 East		Station 703 U.S. 65 South		Station 704 Iowa 106 West		Station 705 U.S. 18 West	
	Vol.	%	Vol.	%	Vol.	%	Vol.	%	Vol.	%
Burchinal					29	.53	41	1.64	3	.04
Clear Lake							1553	62.02	3945	51.81
Dougherty					131	2.39				
Merservey					6	.11	22	.88	52	.68
Plymouth	64	1.23	165	4.09						
Portland			78	1.94						
Rock Falls			102	2.53						
Rockwell					674	12.31				
Swaledale					92	1.68	12	.48	6	.08
Thornton					19	.35	68	2.72	69	.91
Ventura							26	1.03	240	3.15
Total to Towns	64	1.23	345	8.56	951	17.37	1722	68.77	4315	56.67
Rural Cerro Gordo Co.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Other Counties	2868	55.37	3099	76.88	2606	47.60	369	14.74	2658	34.91
Out-of-State	1784	34.44	191	4.74	217	3.96	13	.52	182	2.39
Grand Total	5180	100.00	4031	100.00	5475	100.00	2504	100.00	7614	100.00

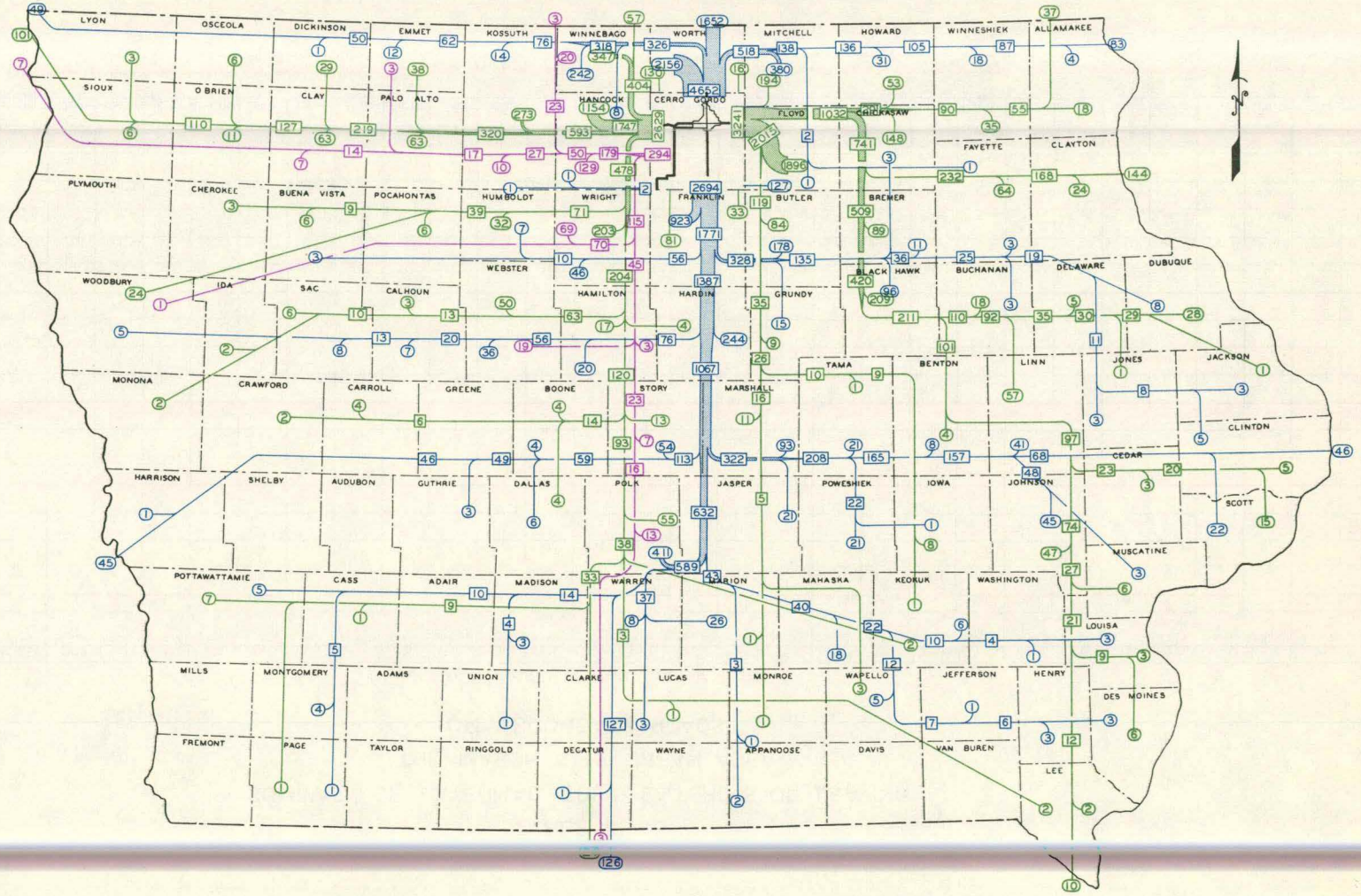
TABLE 4-30
SUMMARY OF EXTERNAL TRIPS ENTERING OR LEAVING THE MASON CITY URBAN AREA ON SECONDARY ROADS

AVERAGE JUNE WEEKDAY TRAFFIC-1962

Orgin or Destination	Station 706 F.A.S. 1170 East		Station 707 F.A.S. 1417 North		Station 708 F.A.S. 1416 North		Station 709 F.A.S. 109 Northeast		Station 710 F.A.S. 1410 South		Station 711 F.A.S. 1415 South		Station 712 F.A.S. 1424 Northwest		Station 714 Pierce St. South		Station 715 F.A.S. 1427 South		Station 716 Local Road South		Station 717 Local Road North		Station 718 F.A.S. 1427 North		Station 719 F.A.S. 1425 West		Station 720 Local Road West		Station 721 F.A.S. 108 West	
	Vol.	%	Vol.	%	Vol.	%	Vol.	%	Vol.	%	Vol.	%	Vol.	%	Vol.	%	Vol.	%	Vol.	%	Vol.	%	Vol.	%	Vol.	%	Vol.	%	Vol.	%
Burchinal													8	.52	2	3.45	15	7.53	7	8.54										
Clear Lake													400	26.00									9	1.10	35	13.31	12	6.28		
Dougherty											2	1.33																		
Meservey													3	.20																
Plymouth	5	1.36	11	5.17	64	10.14	195	10.55													12	1.55	6	.74						
Portland	1	.27					40	2.17	13	3.55	8	5.33																		
Rock Falls	15	4.08	4	1.87	21	3.33	178	9.64													6	.77	1	.12						
Rockwell											6	4.00			1	1.72	6	3.02												
Swaledale													1	.07			3	1.51	1	1.22										
Thornton													4	.26																
Ventura													29	1.88																
Total to Towns	21	5.71	15	7.04	85	13.47	413	22.36	13	3.55	16	10.66	445	28.93	3	5.17	24	12.06	8	9.76	18	2.32	16	1.96	35	13.31	12	6.28		
Rural Cerro Gordo Co.	345	93.75	172	80.75	508	80.51	1034	55.98	346	94.54	130	86.67	525	34.14	52	89.66	174	87.44	71	86.58	163	21.03	393	48.22	212	80.61	172	90.06	109	96.46
Other Counties	2	.54	21	9.86	31	4.91	372	20.14	7	1.91	4	2.67	138	8.97	3	5.17	1	.50	3	3.66	49	6.32	38	4.66	14	5.32	7	3.66	4	3.54
Out-of-State			5	2.35	7	1.11	28	1.52					3	.20							23	2.97	11	1.35						
Internal Tracts													285	18.53							473	61.03	333	40.86						
Between Stations*													142	9.23							49	6.33	24	2.95	2	.76				
Grand Total	368	100.00	213	100.00	631	100.00	1847	100.00	366	100.00	150	100.00	1538	100.00	58	100.00	199	100.00	82	100.00	775	100.00	815	100.00	263	100.00	191	100.00	113	100.00

* Trips between external stations passing through additional external stations.

FIGURE 4-38
EXTERNAL DISPERSION OF TRIPS
PASSING THROUGH INTERVIEW STATIONS ON
PRIMARY ROADS TO OR FROM AREAS BEYOND
CERRO GORDO COUNTY



GRAPHIC SCALE

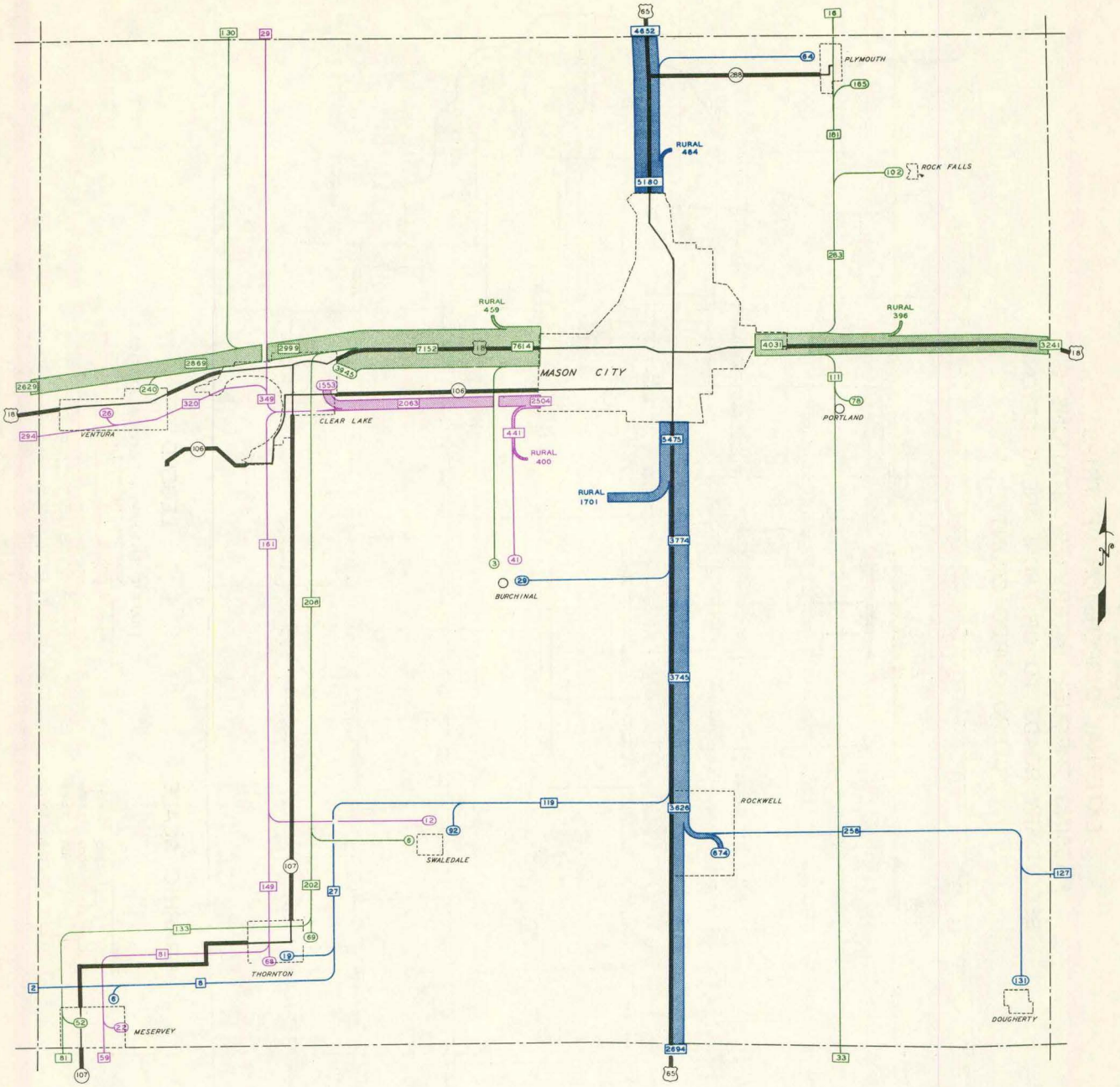
10000 TRIPS
5000 TRIPS
2500 TRIPS
1250 TRIPS

LEGEND

TRAFFIC THROUGH INTERVIEW STATIONS

STATION 701 U. S. 65 NORTH
STATION 702 U. S. 18 EAST
STATION 703 U. S. 65 SOUTH
STATION 704 IOWA 106 WEST
STATION 705 U. S. 18 WEST

AVERAGE JUNE WEEKDAY TRAFFIC-1962



GRAPHIC SCALE

16000 TRIPS
8000 TRIPS
4000 TRIPS
2000 TRIPS

LEGEND

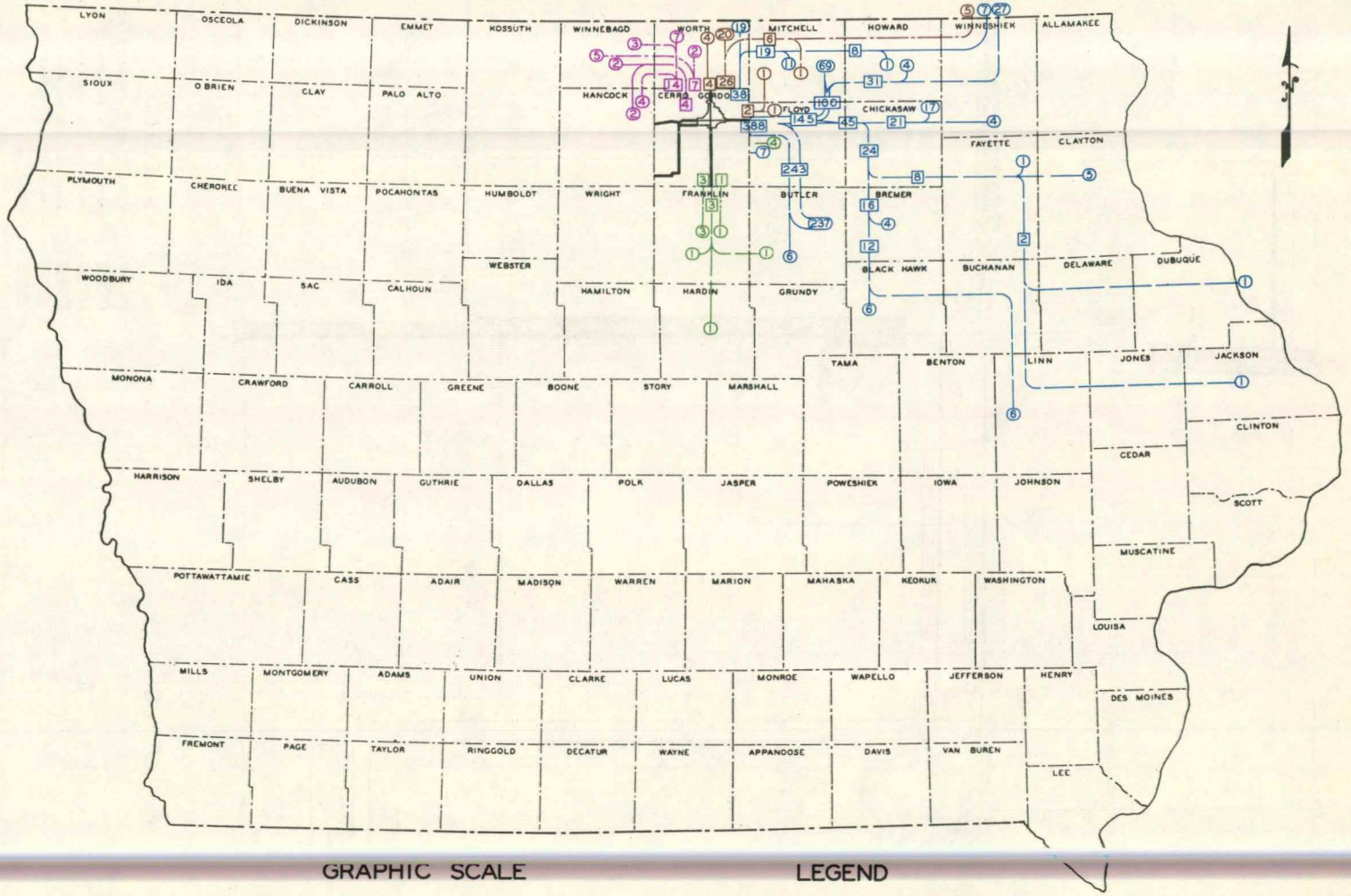
TRAFFIC THROUGH INTERVIEW STATIONS

STATION 701 U. S. 65 NORTH
STATION 702 U. S. 18 EAST
STATION 703 U. S. 65 SOUTH
STATION 704 IOWA 106 WEST
STATION 705 U. S. 18 WEST

AVERAGE JUNE WEEKDAY TRAFFIC-1962

FIGURE 4-39
EXTERNAL DISPERSION OF TRIPS
PASSING THROUGH INTERVIEW STATIONS ON
PRIMARY ROADS TO OR FROM AREAS WITHIN
CERRO GORDO COUNTY

FIGURE 4-40
EXTERNAL DISPERSION OF TRIPS
PASSING THROUGH INTERVIEW STATIONS ON
SECONDARY ROADS TO OR FROM AREAS BEYOND
CERRO GORDO COUNTY



GRAPHIC SCALE

2000 TRIPS
1000 TRIPS
500 TRIPS
250 TRIPS

AVERAGE JUNE WEEKDAY TRAFFIC 1962

LEGEND

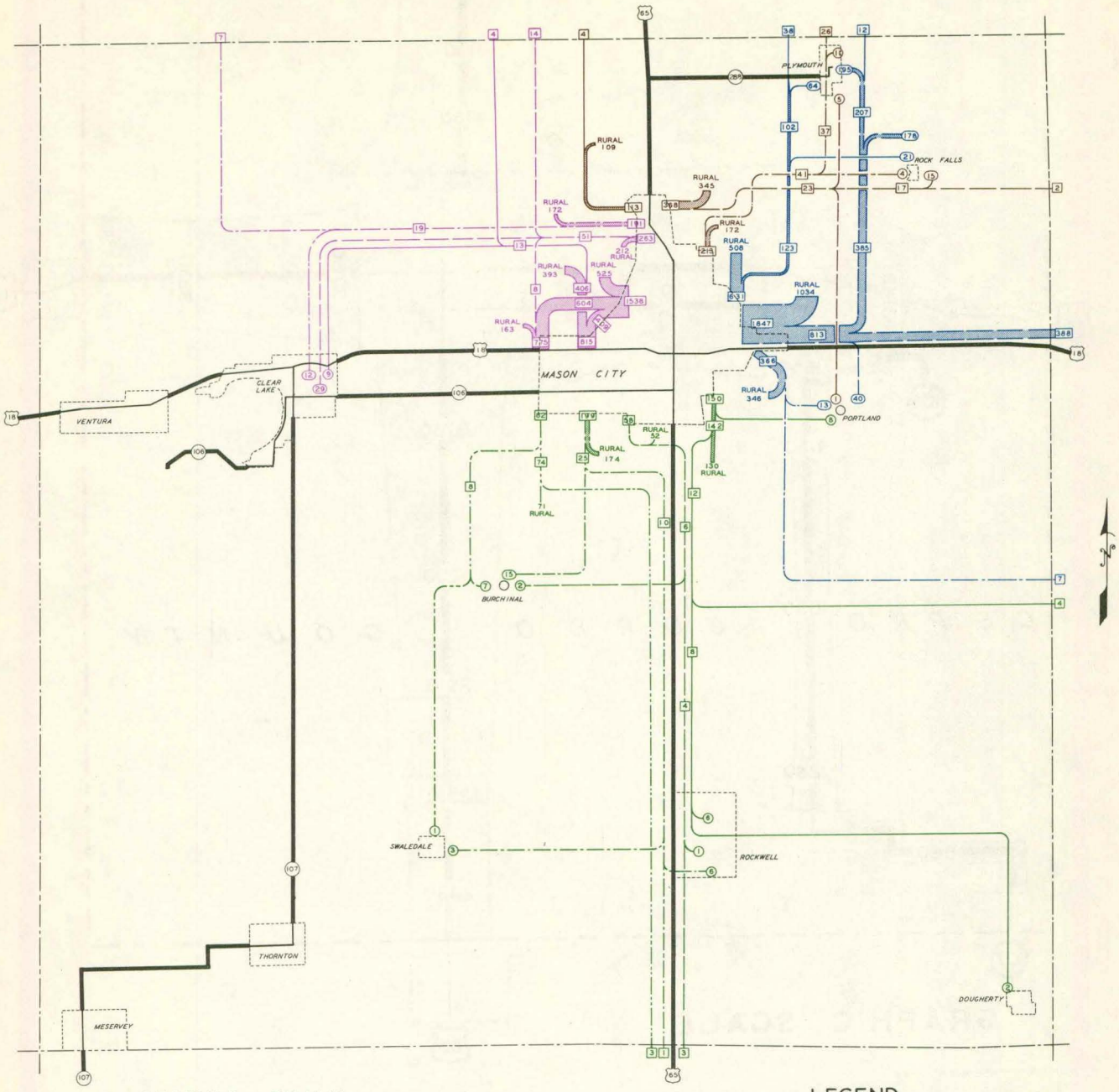
TRAFFIC THROUGH INTERVIEW STATIONS

STATIONS 712 717 718
STATION 719
STATION 720

STATION 721
STATION 706
STATION 707

STATION 708
STATION 709
STATION 710

STATION 711
STATION 714
STATION 716
STATION 715



GRAPHIC SCALE

4000 TRIPS
2000 TRIPS
1000 TRIPS
500 TRIPS

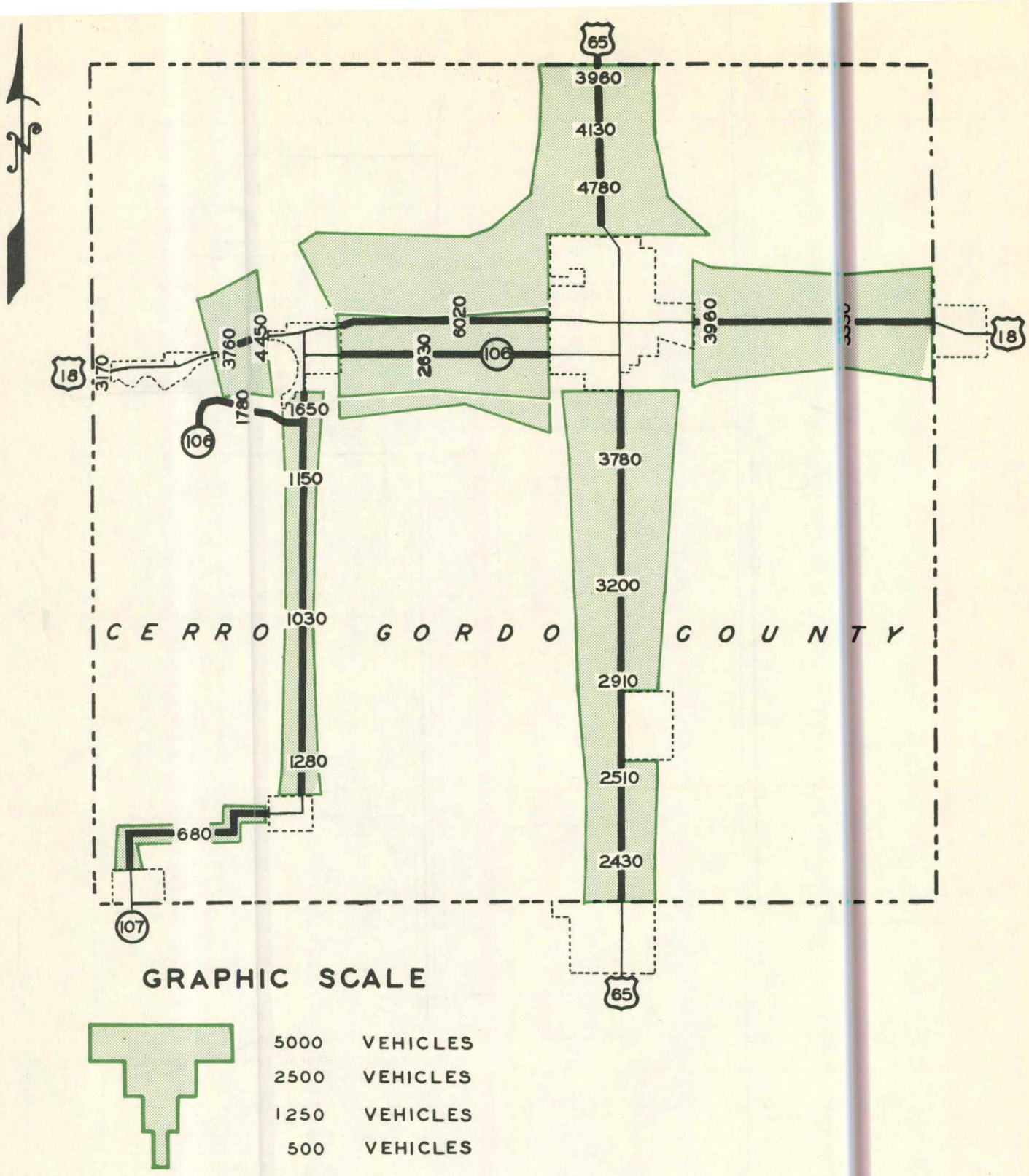
LEGEND

TRAFFIC THROUGH INTERVIEW STATIONS

STATIONS 712, 717, 718
STATION 719
STATION 720
STATION 721
STATION 706
STATION 707
STATION 708
STATION 709
STATION 710
STATION 711
STATION 714
STATION 716
STATION 715

AVERAGE JUNE WEEKDAY TRAFFIC-1962

FIGURE 4-41
EXTERNAL DISPERSION OF TRIPS
PASSING THROUGH INTERVIEW STATIONS ON
SECONDARY ROADS TO OR FROM AREAS WITHIN
CERRO GORDO COUNTY

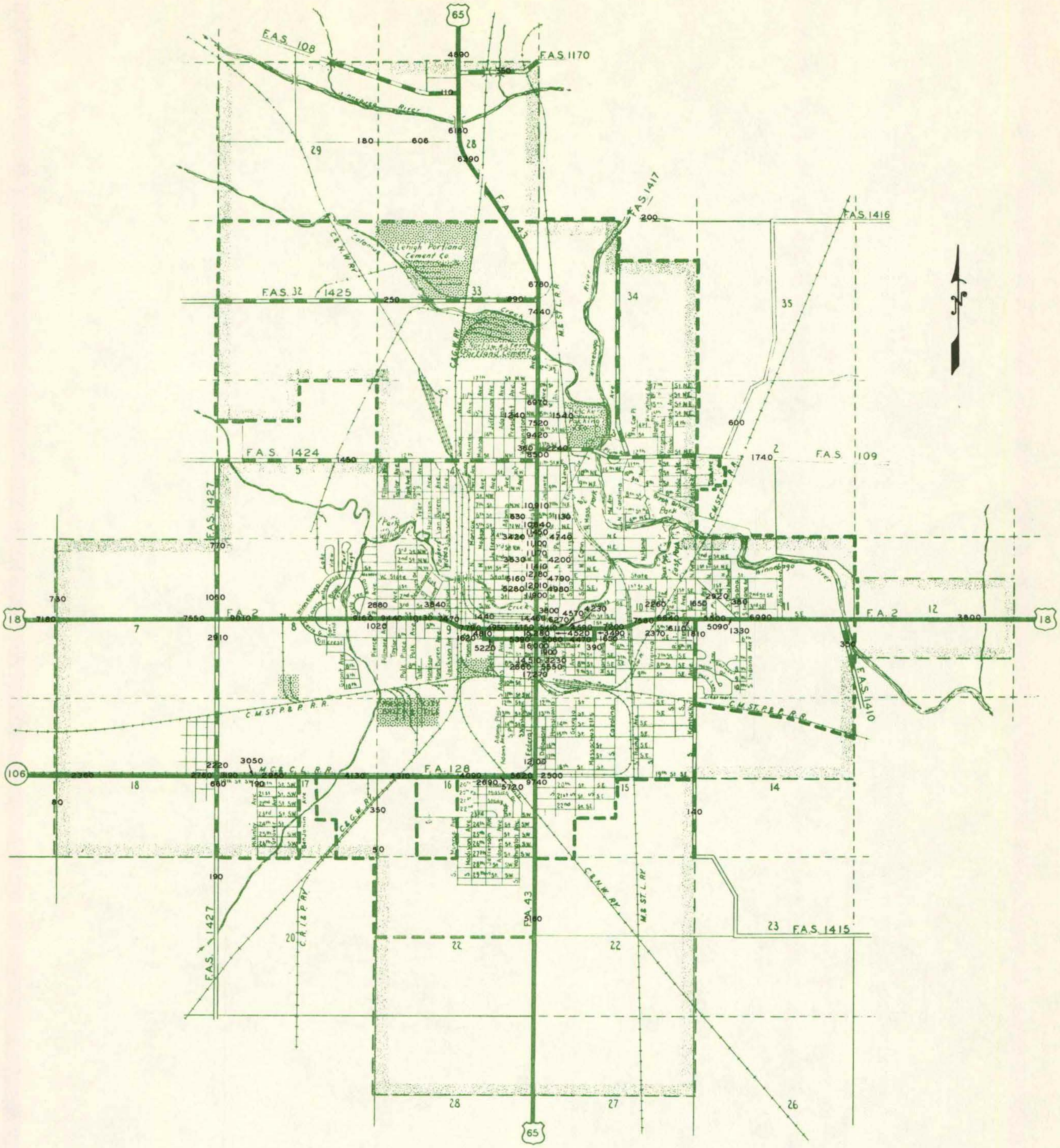


AVERAGE ANNUAL DAILY TRAFFIC 1962

FIGURE 4-42

TRAFFIC VOLUMES ON RURAL PRIMARY HIGHWAYS ENTERING

THE MASON CITY URBAN AREA



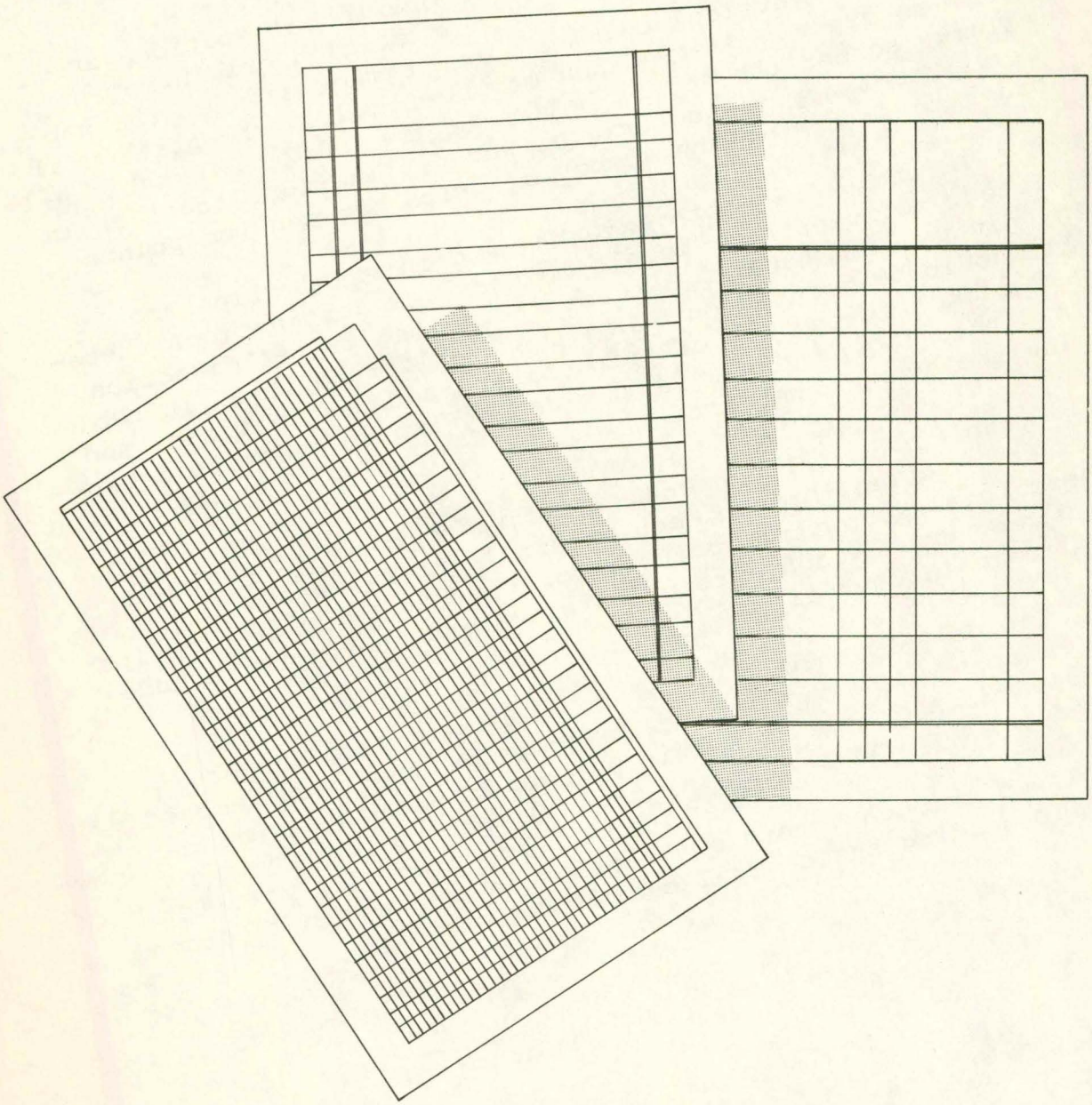
AVERAGE ANNUAL DAILY
TRAFFIC 1962

LEGEND

CORPORATE LIMITS OF THE
MASON CITY URBAN AREA

FIGURE 4-43
TRAFFIC VOLUMES ON PRIMARY
EXTENSIONS AND MAJOR STREETS IN THE
MASON CITY URBAN AREA

Appendix



Part F

APPENDIX TABLES

The following appendix tables have been compiled to show detailed origin-destination data for the Mason City urban area.

Table A-1 shows the directional movement of external trips to, from, and through the Mason City urban area. Internal trips which passed through external stations are also shown in this table. Tract or station origin may be found in the vertical columns along either side of the table. Tract or station destination may be found in the horizontal columns across the top or bottom of the table. In table A-1 it is necessary to add origins and destinations together in order to determine the number of trips between two points.

In table A-2, both external and internal trips are listed. Origins have been combined with destinations thereby giving trip totals, but not indicating travel direction. It should be pointed out that the final grand total in table A-2 indicates the sum of trip origins and destinations, and that this figure should be divided by two in order to determine the actual number of trips.

Tables A-3 through A-22 show trip purpose of vehicle drivers passing through each external interview station. These totals show trip purpose for the total number of trips passing through each external station and therefore include duplicate through trips.

Tables A-23 through A-25 are composite trip purpose tables from which duplicate through trips have been removed. Tables A-23 and A-24 show trip purpose of motorists who passed through external interview stations on primary and secondary roads. Table A-25 shows trip purpose of motorists who passed through interview stations in the internal cordon line surrounding the central business district.

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A-4	Station 702, U.S. 18 West	101
A-5	Station 703, U.S. 65 South	102
A-6	Station 704, Iowa 106 West	103
A-7	Station 705, U.S. 18 West	104
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A-25	The Internal Cordon Line of Interview Stations Surrounding the C.B.D.	122

TABLE A-I

ORIGIN AND DESTINATION OF TRIPS ENTERING OR LEAVING THE MASON CITY URBAN AREA

AVERAGE JUNE WEEKDAY TRAFFIC 1962

TRACT OR STATION	1	2	3	4	35	36	C.B.D. TOTAL	SOUTH FEDERAL SHOPPING CENTER 20	COMMERCIAL AREA TOTAL	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	21	22	23	24	25	26	27	28	29	30	31	32	34	RESIDENTIAL AREA TOTAL	MASON CITY TOTAL
COMMERCIAL AREA C.B.D. 1																																							
2																																							
3																															2							2	2
4																																							
35																																							
36																																							
C.B.D. TOTAL																															2							2	2
SOUTH FEDERAL SHOPPING CENTER 20																																3						3	3
COMMERCIAL AREA TOTAL																															2	3						5	5
RESIDENTIAL AREA 5																																							
6																											4				5							9	9
7																															2							2	2
8																											3				11							14	14
9																														1	8							9	9
10																															2							2	2
11																																							
12																																							
13																																							
14																																							
15																																1						1	1
16																																1						1	1
17																																							
18																																							
19																																							
21																																1			1		1	3	3
22																																							
23										1	2	1	3	1																		1	4	6	8	2	1	30	30
24																															2							2	2
25																																							
26		1					1		1				1																			1		1			1	4	5
27	2	2	1	1			6		6	9	20	1	10	3																		7	3	13	10	9	2	87	93
28																											3				9							12	12
29																															5							5	5
30																											7				12							19	19
31																									1		4				7							12	12
32																											1				6							7	7
34																											1				1							2	2
RESIDENTIAL AREA TOTAL	2	3	1	1			7		7	10	22	2	14	4											1		23			1	70	12	7	20	19	11	5	221	228
MASON CITY TOTAL	2	3	1	1			7		7	10	22	2	14	4											1		23			1	72	15	7	20	19	11	5	226	233
EXTERNAL U.S. 69 N. 701	152	194	94	155	36	57	598	60	758	52	128	4	32	54	27	25	29	3	14	12	55	57	19		27		21	48	107	47	76	29	37	71	42	22	46	1084	1842
U.S. 18 E. 702	114	153	77	91	50	79	564	175	739	27	16		19	36	72	30	62	8	23	29	72	48	27	4	22		35	37	86	44	30	16	29	14	4	1	3	794	1533
U.S. 65 S. 703	184	195	113	116	51	57	717	236	953	49	36	1	15	49	30	31	34		21	25	152	56	34	4	76	1	30	28	127	37	84	27	47	20	3	3	4	1054	2007
IA. 106 W. 704	78	55	43	16	30	19	241	164	405	14	3		5	30	23	33	21	7	25	26	160	8	19		68		86	3	18	12	105	16	17	14	17	1		731	1136
U.S. 18 W. 705	207	372	173	187	85	91	1115	205	1320	74	51	1	52	76	51	41	45	4	45	59	104	73	29		61	3	42	90	281	152	216	65	63	69	20	13	2	1782	3102
F.A.S. 1170 E. 706	4	10	4	6	2	3	29	5	34	6	2	1	1	8	3	3			3	5	6	5		1	7		1	3	2	6	2	6	6	14	2	3	27	123	157
N. CAROLINA AVE. N. 707	5	13	2	2	2	2	26		26	6		2	21	11	7	1	5		1	4	6	1	1	2				1	4	1		4		6					84	110
PLYMOUTH ROAD N. 708	5	17	10	11	3	6	52	9	61	6	7		23	47	3	3	9		7	9	15	8	1		4		2	8	13	6		1	17	11		1		201	262
EXTERNAL F.A.S. 1410 - S. 710	7	12	5	9	3	2	38	6	44	7		2	9	20	12	2	11		3	7	6	6	4		7			3	10	2	1		2	6				120	164
KENTUCKY AVE. S. 711	2	2	2	4	2	3	15	6	21	3	2	2	1	3	2	3	4			9	5	1			2		1					1	2	1				42	63
12TH ST. N.W. 712	19	15	10	19	3	5	71	7	78	11	7		10	14	6	3	5		1	4	7	5	1		8			13	7	1		18	11	16	3		1	172	250
PIERCE AVE. S. 714		2	1			1	4	3	7							1	3		1		1		2		1		6		1	2	1	1						20	27
F.A.S. 1427 S. 715	4	7	4	1	1	3	20	4	24	2	2		3	1					1		6	1		1			8	1	2	5	22	1	1				1	58	82
LOCAL ROAD S. 716		3		1	1	2	7	4	11					1	2		3				4				3		3		1	2	8							27	38
LOCAL ROAD N. 717	1	2		1	1		5	4	9												1	2	1		3		4		1	4	15			1				32	41
F.A.S. 1427 N. 718	2	20	3	3	3	6	37	5	42	1		1		1	4	5	6		4	5	9	1	2		11		10	2	8	18	20	1	1				1	110	152
F.A.S. 1425 W. 719	6	3	3		3	3	18	1	19			7	4	1	1	1	6		1	1	3	2					3	4	3	1		2	3	12	5	13	3	76	95
LOCAL ROAD W. 720	4	8	5		1		18	1	19	3	1		5			2	4				8	3	1		2		1		4	1	1	2		7	1	1	13	60	79
F.A.S. 108 W. 721	5		1	2	1	2	11	1	12		10		3		1						4	1			1			1	1			1	2	1	1		6	33	45
EXTERNAL TOTAL	823	1129	578	644	292	369	3835	914	4749	297	330	22	262	436	300	202	269	22	166	215	662	292	147	13	315	4	260	260	709	354	588	229	269	313	110	63	113	7222	11971
GRAND TOTAL	825	1132	579	645	292	369	3842	914	4756	307	352	24	276	440	300	202	269	22	166	215	662	292	147	13	316	4	263	260	709	355	660	244	276	333	129	74	118	7448	12204
TRACT OR STATION	1	2	3	4	35	36	C.B.D. TOTAL	S.C. 20	COMM. TOTAL	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	21	22	23	24	25	26	27	28	29	30	31	32	34	RES. TOTAL	M. CITY TOTAL

TRACT OR STATION	U.S. 65 N. 701	U.S. 16 E. 702	U.S. 65 S. 703	IA. 106 W. 704	U.S. 18 W. 705	F.A.S. 1170 E. 706	N. CAROLINA AVE. N. 707	PLYMOUTH ROAD N. 708	12TH ST. N.E. 709	F.A.S. 1410 S. 710	KENTUCKY AVE. S. 711	12TH ST. N.W. 712	PIERCE AVE. S. 714	F.A.S. 1427 S. 715	LOCAL ROAD S. 716	LOCAL ROAD N. 717	F.A.S. 1427 N. 718	F.A.S. 1425 W. 719	LOCAL ROAD W. 720	F.A.S. 108 W. 721	EXTERNAL TOTAL	GRAND TOTAL	TRACT OR STATION
COMMERCIAL AREA C.B.D. 1	151	83	89	100	163	4	1	13	20	1	2	11	1	7	1	6	6	4	3	1	667	667	1
2	170	139	185	41	274	4	5	23	57	10	2	12	1	5		1	21	3	4	2	959	959	2
3	100	80	95	38	170	10	4	13	36	3	4	5	2	2	3		1	4	2	1	573	575	3
4	105	92	104	42	175	1		13	23	10	3	25		2	2	1		4	1		593	593	4
35	20	18	17	13	46	1	1	6	11	1	1	6	1	2		3	2	4	1		154	154	35
36	54	73	101	24	109	2	2	6	24	5	3	7	1	1	2	1	6	6		1	428	428	36
C.B.D. TOTAL	600	475	591	258	937	22	13	74	171	30	15	66	6	19	8	12	36	25	11	5	3374	3376	C.B.D. TOTAL
SOUTH FEDERAL SHOPPING CENTER 20	77	79	160	143	186	4		9	17	2	4	4	1	5	3	1	1	4			702	705	S.C. 20
COMMERCIAL AREA TOTAL	677	554	751	403	1123	26	13	83	188	32	19	70	7	24	11	13	37	29	11	5	4076	4081	COMM. TOTAL
RESIDENTIAL AREA 5	53	32	62	6	86	10	6	2	51	7	2	12	1					7	3		340	340	5
6	97	24	57	7	49	2		9	107	1		10		1	1			3	2	12	382	391	6
7	5	1			1		4		1	2	1	1		3					1		20	22	7
8	38	15	18	25	47	3	21	25	109	10	3	13		1	1		3	1	4	5	343	357	8
9	41	46	71	29	95	6	6	49	85	13	2	13		3	1		2	3	1		466	475	9
10	22	64	71	8	85	1	6	4	31	14	3	7		1		1	1	2	1		322	324	10
11	46	39	26	9	56		4	8	12		5	3			2		7	1	3		221	221	11
12	24	77	41	6	55	1	4	3	16	11	2	5	1		1		8	4	1	1	261	261	12
13		13	2	7	7						1										30	30	13
14	29	34	19	23	58	3	1	3	11	2	3	4		1	1	1	3	2	1		204	204	14
15	24	26	36	38	55	7	1	10	19	10	13	7		3		1	9	3	3	1	266	267	15
16	39	80	163	114	106	7	5	5	39	9	7	11	2	5	3	3	14	3	5		621	622	16
17	64	46	49	10	75	1	2	3	15	2	1	4		1		1	1	6	2	1	284	284	17
18	19	47	63	29	44	4		6	9	6	1	1				1	1	1			232	232	18
19		5	3		6	1			1			1				1					18	18	19
21	32	24	106	113	61	6		2	21	7	1	8	2	1		7	13		3	1	408	411	21
22	2		1						1												4	4	22
23	27	36	31	52	24	2		1	4	4	1	1	6	6	1	3	17				216	246	23
24	37	47	69	16	93	1	2	9	26	4	2	5		2	1		2	3	3	1	314	316	24
25	99	95	124	35	262	2	1	22	37	7	3	9		2	2	3	10	4	3	5	725	725	25
26	43	32	28	22	142	4		5	12	1	1	5		3	3	3	20				324	329	26
27	66	26	85	85	130	1	2	2	4	1			1	27	1	14	22		2		469	562	27
28	36	14	28	7	64	5	4	3	33	4		21		1	1			7	1		229	241	28
29	51	34	46	19	84	2	5	10	32	7		7		4				3		1	305	310	29
30	76	18	50	14	91	10	5	15	46	2	1	19		1	1		4	9	12	4	378	397	30
31	42	1		5	18				5			3		1	1			3	1		80	92	31
32	22	8	1		17	5	1		3					1				12			70	77	32
34	52	3	13		10	27		2	6			5						6	16	7	147	149	34
RESIDENTIAL AREA TOTAL	1086	887	1254	685	1821	111	80	199	736	124	53	175	13	68	21	39	137	83	68	39	7679	7907	RES. TOTAL
MASON CITY TOTAL	1763	1441	2005	1088	2944	137	93	282	924	156	72	245	20	92	32	52	174	112	79	44	11755	11988	M.CITY TOTAL
EXTERNAL U.S. 69 N. 701		60	411	28	208	22		6	4	3	2	4		3	1			8	10	1	771	2613	701
U.S. 18 E. 702	64		54	26	388		2	2		5	2				1	1		1			546	2079	702
U.S. 65 S. 703	451	57		82	152	2		6	10	2		2		1			1	6	3	2	777	2784	703
IA. 106 W. 704	14	35	66		1			1	2		1		4	5	1			3			133	1269	704
U.S. 18 W. 705	198	344	125	1		5	2	9	23	8	1		1	1	2	14		14			748	3850	705
F.A.S. 1170 E. 706	19		2		5														1	7	34	191	706
N. CAROLINA AVE. N. 707			3		1				1												5	115	707
PLYMOUTH ROAD N. 708	5	1	7	1	5				22	1	1		1								44	306	708
EXTERNAL F.A.S. 1410 - S. 710	7	5	3		7			1	1		1									1	26	190	710
KENTUCKY AVE. S. 711	1	2			1				1					1							6	69	711
12TH ST. N.W. 712	9		4			1		1	4												19	269	712
PIERCE AVE. S. 714	1			2	1			1													5	32	714
F.A.S. 1427 S. 715	1			4	2				1							1	2		1		12	94	715
LOCAL ROAD S. 716	1	1		1	2																5	43	716
LOCAL ROAD N. 717	2				3									1							6	47	717
F.A.S. 1427 N. 718		6	6	1	23					1				1	1			1			40	192	718
F.A.S. 1425 W. 719	9				1				1												11	106	719
LOCAL ROAD W. 720	12		1			1			3												17	96	720
F.A.S. 108 W. 721	1				9				1												11	56	721
EXTERNAL TOTAL	804	511	686	147	820	40	5	43	74	20	9	11	6	13	7	15	2	37	16	13	3279	15250	EXT. TOTAL
GRAND TOTAL	2567	1952	2691	1235	3764	177	98	325	998	176	81	256	26	105	39	67	176	149	95	57	15034	27238	G. TOTAL
TRACT OR STATION	701	702	703	704	705	706	707	708	709	710	711	712	714	715	716	717	718	719	720	721	EXTERNAL TOTAL	GRAND TOTAL	

TABLE A-2 ORIGIN AND/OR DESTINATION OF TRIPS PASSING THROUGH EXTERNAL AND INTERNAL CORDON LINES IN THE MASON CITY URBAN AREA

AVERAGE JUNE WEEKDAY TRAFFIC 1962

Tract or Station	1	2	3	4	35	36	C.B.D. Total	South Federal Shopping Center 20	Commercial Area Total	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	21	22	23	24	25	26	27	28	29	30	31	32	34	Residential Area Total	Mason City Total
Commercial Area – C.B.D.																																							
1	2		25		31	5	65	127	192	275	29	12	176	346	162	175	205	10	205	235	303	158	82	5	202		60	244	314	201	90	148	325	286	43	28	27	4356	4548
2		7	131	87	37	1	270	270	540	466	92	28	359	581	297	469	470	37	430	458	527	234	93	19	495		115	397	716	475	115	299	585	491	18	14	24	8304	8844
3			69	58	49	71	472	250	722	473	91	32	376	806	335	230	276	28	300	218	514	193	78	11	313		50	364	601	349	92	332	668	469	26	18	22	7265	7987
4					23	27	195	88	283	329	60	14	184	396	192	203	240	5	181	167	539	80	43	19	197		46	347	529	296	78	212	510	374	15	16	30	5293	5576
35					21	37	219	69	288	107	18	15	28	99	71	67	115	7	97	121	224	180	79	13	143		17	101	194	120	57	73	112	141	9	11	6	2225	2513
36						3	147	138	285	458	55	22	137	263	129	138	182	26	335	230	425	209	77	11	299	2	59	148	344	182	124	117	220	304	17	17	19	4549	4834
C.B.D. TOTAL							1368	942	2310	2108	345	123	1260	2491	1186	1282	1488	113	1548	1429	2532	1064	452	78	1949	2	347	1601	2689	1623	556	1181	2420	2065	128	104	128	31992	34302
South Federal Shopping Center 20									942	124	17	8	102	181	98	53	59	8	95	21		51	17	5			62	154	86	8	91	129	168	4	5	8	1549	2491
Commercial Area Total									3252	2232	362	131	1362	2672	1284	1334	1547	121	1643	1450	2532	1115	469	83	1949	2	347	1663	2843	1709	564	1272	2545	2233	132	109	136	33541	36793
Residential Area																																							
5										92	10	5	31	85	147	43	69	15	108	71	216	109	32	4	122	2	35	176	137	78	61	35	173	75	5	9	4	2065	4297
6														4	27	22	8		53	42	104	31	18	6	90		17	36	44	11	25	1	15						564	926
7															3	3	1		4	6	8	2	5		19		5	10	13	2	20		6						112	243
8															63	5	8		40	14	88	29	31	7	69	1	25	86	41	19	32	5	40						634	1996
9															120	13	17	4	89	19	188	86	77	7	144		51	165	248	120	75	47	172	38	1	3	1	1774	4446
10															58	110	135	8	110	80	244	70	34	11	155	1	42	147	248	140	47	99	207	132	4	19	14	2533	3817
11																			8		24	51	16	2	25		17	87	140	98	32	43	62	43	5	5	2	856	2190
12																			18		54	94	24	8	44		15	130	244	167	47	72	97	61	11	9	9	1342	2889
13																			3		19	17	3	2	11		6	19	41	28	12	23	26	17			1	255	376
14																			35	18	76	74	49	15	132		25	118	200	96	67	55	113	113	22	20	12	1708	3351
15																					60	63	22	9	12		3	127	147	94	38	89	92	58	15	9	8	1096	2546
16																					1	138	34	22	3		2	155	111	156	49	121	226	200	38	71	25	2634	5166
17																						8	26		96		14	27	14	7	3	9	39	60	4	4	3	1086	2201
18																							5	13	22		5	15	26	12	5	7	27	50	6	6	13	588	1057
19																									15		2	3	68	2	3	1	4	8	1	2	1	216	299
21																												105	166	106	9	85	107	194	41	31	16	1829	3478
22																												1		1								6	8
23																												21	27	5		13	28	37	8	5	3	411	758
24																												20	48	21	16	14	109	74	12	7	8	1777	2440
25																															1	3	108	89	3	3	5	2377	5220
26																																1	58	45	1	4	1	1273	2982
27																																16	38	35	17	15	3	666	1230
28																																	14	5				758	2030
29																																	22	61	6	1	2	1875	4420
30																																						1395	3628
31																																						200	332
32																																						225	334
34																																						131	267
Residential Area Total																																						30386	62927
Mason City Total																																							100720
External																																							
U.S. 69 N 701																																							3605
U.S. 18 E 702																																							2974
U.S. 65 S 703																																							4012
IA. 106 W 704																																							2224
U.S. 18 W 705																																							6046
F.A.S. 1170 E 706																																							294
N. CAROLINA AVE. N. 707																																							203
PLYMOUTH ROAD N. 708																																							544
12TH ST N.E. 709																																							1710
F.A.S. 1410 - S. 710																																							320
KENTUCKY AVE. S. 711																																							135
12TH ST. N.W. 712																																							495
PIERCE AVE. S. 714																																							47
F.A.S. 1427 S. 715																																							174
LOCAL ROAD S. 716																																							70
LOCAL ROAD N. 717																																							93
F.A.S. 1427 N. 718																																							326
F.A.S. 1425 W. 719																																							207
LOCAL ROAD W. 720																																							158
F.A.S. 108 W. 721																																							89
External Total																																							23726
Grand Total																																							124446
Tract or Station	1	2	3	4	35	36	C.B.D. Total	S.C. 20	Comm. Total	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	21	22	23	24	25	26	27	28	29	30	31	32	34	Res. Total	M. City Total

Tract or Station	U.S. 69 N 701	U.S. 18 E 702	U.S. 65 S 703	IA. 106 W 704	U.S. 18 W 705	F.A.S. 1170 E 706	N. Carolina Ave. N 707	Plymouth Road N 708	12th St. N.E. 709	F.A.S. 1410 S. 710	Kentucky Ave. S 711	12th St. N.W. 712	Pierce Ave. S 714	F.A.S. 1427 S 715	Local Road S 716	Local Road N 717	F.A.S. 1427 N 718	F.A.S. 1425 W 719	Local Road W 720	F.A.S. 108 W 721	External Total	Grand Total	Tract or Station
1	303	127	272	178	370	8	6	18	44	8	4	30	1	11	1	7	8	10	7	6	1490	6038	1
2	364	292	361	96	645	14	18	40	102	22	4	27	3	12	3	3	41	6	12	2	2088	10932	2
3	194	157	208	81	343	14	6	23	54	8	6	15	3	6	3		4	7	7	2	1151	9138	3
4	260	173	220	58	362	7	2	24	43	19	7	44		3	3	2	3	4	1	2	1237	6813	4
35	56	68	68	43	131	3	3	9	25	4	3	9	1	3	1	4	5	7	2	1	446	2959	35
36	121	152	158	43	200	5	4	12	42	7	6	12	2	4	4	1	12	9		3	797	5631	36
C.B.D. Total	1298	1039	1308	499	2052	51	39	126	320	68	30	137	10	39	15	17	73	43	29	16	7209	41511	C.B.D. Total
South Federal Shopping Center 20	137	254	396	309	391	9		18	35	8	10	11	4	9	7	5	6	5	1	1	1616	4107	S.C. 20
Commercial Area Total	1435	1293	1704	808	2443	60	39	144	355	76	40	148	14	48	22	22	79	48	30	17	8825	45618	Comm. Total
5	105	59	111	20	160	16	12	8	87	14	5	23	1	2			1	7	6		637	4934	5
6	225	40	93	10	100	4		16	172	1	2	17		3	1			3	3	22	712	1638	6
7	9	1	1		2	1	6		2	4	3	1		3			1	7	1		42	285	7
8	70	34	33	31	99	4	42	48	168	19	4	23		4	1		3	5	9	8	605	2601	8
9	95	82	120	59	171	14	17	96	169	33	5	27		4	2		3	4	1		902	5348	9
10	49	136	131	31	136	4	13	7	57	26	5	13		1	2	1	5	3	1	1	622	4439	10
11	71	69	57	42	97	3	5	11	30	2	8	6	1		2		12	2	5		423	2613	11
12	53	139	75	27	100	1	9	12	38	22	6	10	4		4		14	10	5	1	530	3419	12
13	3	21	2	14	11						1										52	428	13
14	43	57	40	53	103	6	2	10	27	5	3	5	1	2	1	1	7	3	1		370	3721	14
15	36	55	61	64	114	12	5	19	39	17	22	11		3		1	14	4	3	1	481	3027	15
16	94	152	315	274	210	13	11	21	77	15	12	18	3	11	7	4	23	6	13	4	1283	6449	16
17	121	94	105	18	148	6	3	11	29	8	2	9		2		3	2	8	5	2	576	2777	17
18	38	74	97	48	73	4	1	7	15	10	1	2	2			2	3	1	1		379	1436	18
19		9	7		6	2	2		2			1		1		1					31	330	19
21	59	46	182	181	122	13		6	33	14	3	16	3	1	3	10	24		5	2	723	4101	21
22	2		2		3				1												8	16	22
23	48	71	61	138	66	3		3	11	4	2	1	12	14	4	7	27	3	1		476	1234	23
24	85	84	88	19	183	4	3	17	44	7	2	18		3	1		4	7	3	2	574	4014	24
25	206	181	251	53	543	4	5	35	70	17	3	16	1	4	3	4	18	7	7	6	1434	6654	25
26	90	76	65	34	294	10	1	11	25	3	1	6	2	8	5	7	38	1	1		678	3660	26
27	142	56	169	190	346	3	2	2	11	2			2	49	9	29	42		3		1057	2287	27
28	65	30	55	23	129	11	8	4	51	4	1	59	1	2	1		1	9	3	1	458	2488	28
29	88	63	93	36	147	8	5	27	63	9	2	18		5			1	6		3	574	4994	29
30	147	32	70	28	160	24	11	26	96	8	2	35		1	1	1	4	21	19	5	691	4319	30
31	84	5	3	22	38	2			17			6		1	1			8	2	1	190	522	31
32	44	9	4	1	30	8	1	1	8					1				25	1		133	467	32
34	98	6	17		12	54		2	13			6		1				9	29	13	260	527	34
Residential Area Total	2170	1681	2308	1416	3603	234	164	400	1355	244	95	347	33	126	48	71	247	159	128	72	14901	78828	Res. Total
Mason City Total	3605	2974	4012	2224	6046	294	203	544	1710	320	135	495	47	174	70	93	326	207	158	89	23726	124446	M. City Total
External																							
U.S. 69 N 701		124	862	42	406	41		11	13	10	3	13	1	4	2	2		17	22	2	1575	5180	701
U.S. 18 E 702			111	61	732		2	3		10	4				2	1	6	1			1057	4031	702
U.S. 65 S 703				148	277	4	3	13	14	5		6		1			7	6	4	2	1463	5475	703
IA. 106 W 704					2			2	3		1		6	9	2		1	3			280	2504	704
U.S. 18 W 705						10	3	14	43	15	2		2	3	4	17	23	15			1568	7614	705
F.A.S. 1170 E 706												1							2	16	74	368	706
N. CAROLINA AVE. N. 707									2												10	213	707
PLYMOUTH ROAD N. 708									38	2	1	1	2								87	631	708
12TH ST N.E. 709										1	2	9		2				3	5	2	137	1847	709
F.A.S. 1410 - S. 710											1						1			1	46	366	710
KENTUCKY AVE. S. 711														1							15	150	711
12TH ST. N.W. 712																					30	525	712
PIERCE AVE. S. 714																					11	58	714
F.A.S. 1427 S. 715																	2	2		1	25	199	715
LOCAL ROAD S. 716																1	1				12	82	716
LOCAL ROAD N. 717																					21	114	717
F.A.S. 1427 N. 718																		1			42	368	718
F.A.S. 1425 W. 719																					48	255	719
LOCAL ROAD W. 720																					33	191	720
F.A.S. 108 W. 721																					24	113	721
External Total																					6558	30284	External Total
Grand Total																						154730	G. Total
Tract or Station	701	702	703	704	705	706	707	708	709	710	711	712	714	715	716	717	718	719	720	721	External Total	Grand Total	

Trip Purpose of Vehicle Drivers Passing Through
Station 701, U.S. 65 North
of the Mason City Urban Area

Table A-3

Average June Weekday Traffic 1962

	Trip Purpose - Destination											
Trip Purpose Origin	Work	Transact Business	During Work	Medical or Dental	School	Recreation Social or Cultural	Eat	Shop	Serve Passen-gers	Home	Total	Percent
Work		9	6			2	3	5		365	390	7.53
Transact Business	4	26	1			3				333	367	7.08
During Work	7	17	1146				5			30	1205	23.26
Medical or Dental				2		1				76	79	1.53
School			2		6	2				9	19	.37
Recreation Social or Cultural	5	3			1	151	6	1	1	535	703	13.57
Eat		1				4				14	19	.37
Shop						5		3	1	306	315	6.08
Serve Passengers	[illegible]								[illegible]	[illegible]	[illegible]	[illegible]
Home	419	404	101	91	23	668	21	286	38		2051	39.59
Total	437	460	1256	93	30	836	35	295	43	1695	5180	100.00
Percent	8.44	8.88	24.25	1.79	.58	16.14	.68	5.69	.83	32.72	100.00	

Trip Purpose of Vehicle Drivers Passing Through
Station 702, U.S. 18 East
of the Mason City Urban Area

Table A-4

Average June Weekday Traffic 1962

Trip Purpose Origin	Trip Purpose - Destination: Work	Transact Business	During Work	Medical or Dental	School	Recreation Social or Cultural	Eat	Shop	Serve Passen-gers	Home	Total	Percent
Work		84	23			6	6	3	4	308	434	10.77
Transact Business	20	68	16			15	1	2		373	495	12.28
During Work	21	59	756							14	850	21.09
Medical or Dental				1		1				42	44	1.09
School										32	32	.79
Recreation Social or Cultural	1	2				106	2		2	239	352	8.73
Eat	3	1				2				7	13	.32
Shop		3				2			4	194	203	5.04
Serve Passengers	1	2							2	7	12	.30
Home	362	400	12	53	40	445	7	248	29		1596	39.59
Total	408	619	807	54	40	577	16	253	41	1216	4031	100.00
Percent	10.12	15.36	20.02	1.34	.99	14.31	.40	6.28	1.02	30.16	100.00	

Table A-5

Trip Purpose of Vehicle Drivers Passing Through
Station 703, U.S. 65 South
of the Mason City Urban Area

Average June Weekday Traffic 1962

Trip Purpose Origin	Trip Purpose - Destination: Work	Transact Business	During Work	Medical or Dental	School	Recreation Social or Cultural	Eat	Shop	Serve Passen-gers	Home	Total	Percent
Work		37	13			14	22	3	2	430	521	9.52
Transact Business	15	115	16	2		16	2	3		531	700	12.79
During Work	1	20	1007			2	2	1		43	1076	19.65
Medical or Dental				4						51	55	1.00
School					2	4		4		36	46	.84
Recreation Social or Cultural	2	3		1		180	5	4		329	524	9.57
Eat	7	1				4				26	38	.70
Shop		1				2		6		260	269	4.91
Serve Passengers			1			2			8	13	24	.44
Home	444	613	42	73	35	574	33	376	32		2222	40.58
Total	469	790	1079	80	37	798	64	397	40	1721	5475	100.00
Percent	8.57	14.43	19.71	1.46	.68	14.57	1.17	7.25	.73	31.53	100.00	

Table A-6

Trip Purpose of Vehicle Drivers Passing Through
Station 704, Iowa 106 West
of the Mason City Urban Area
Average June Weekday Traffic 1962

Trip Purpose Origin	Trip Purpose - Destination: Work	Transact Business	During Work	Medical or Dental	School	Recreation Social or Cultural	Eat	Shop	Serve Passen-gers	Home	Total	Percent
Work		26	6				4			127	163	6.50
Transact Business		35				16				133	184	7.35
During Work	3	6	320							8	337	13.46
Medical or Dental						7				34	41	1.64
School	7							3		3	13	.52
Recreation Social or Cultural		3				44				167	214	8.55
Eat										7	7	.28
Shop						7		2		181	190	7.59
Serve Passengers										7	7	.28
Home	500	258	3	11	3	366	3	195	9		1348	53.83
Total	510	328	329	11	3	440	7	200	9	667	2504	100.00
Percent	20.36	13.10	13.14	.44	.12	17.57	.28	7.99	.36	26.64	100.00	

Table A-7

Trip Purpose of Vehicle Drivers Passing Through
Station 705, U.S. 18 West
of the Mason City Urban Area

Average June Weekday Traffic 1962

Trip Purpose Origin	Trip Purpose - Destination: Work	Transact Business	During Work	Medical or Dental	School	Recreation Social or Cultural	Eat	Shop	Serve Passen-gers	Home	Total	Percent
Work		10	3			27	7		4	531	582	7.64
Transact Business	11	108	14		1	36	6			603	779	10.23
During Work		32	1269	2		6		1	5	34	1349	17.72
Medical or Dental		1		3		3				127	134	1.76
School	2					6				30	38	.50
Recreation Social or Cultural	8	11		1	1	202	6	7	1	765	1002	13.16
Eat	2	2				32		2		38	76	1.00
Shop	3	1				14	3	1		367	389	5.11
Serve Passengers	2	3				2		2	1	31	41	.54
Home	547	613	34	181	35	1286	63	434	31		3224	42.34
Total	575	781	1320	187	37	1614	85	447	42	2526	7614	100.00
Percent	7.55	10.25	17.34	2.46	.48	21.20	1.12	5.87	.55	33.18	100.00	

Table A-8

Trip Purpose of Vehicle Drivers Passing Through
Station 706, F.A.S. 1170 East
of the Mason City Urban Area

Average June Weekday Traffic 1962

Trip Purpose Origin	Trip Purpose - Destination: Work	Transact Business	During Work	Medical or Dental	School	Recreation Social or Cultural	Eat	Shop	Serve Passen-gers	Home	Total	Percent
Work		5	3				2	3	2	29	44	11.96
Transact Business	2	1	3							21	27	7.34
During Work		10	74			1				6	91	24.73
Medical or Dental												
School									1	1	2	.54
Recreation Social or Cultural		3				7				41	51	13.86
Eat	3									4	7	1.90
Shop	2									11	13	3.53
Serve Passengers	2									2	4	1.09
Home	31	26	7	4	1	43	6	8	3		129	35.05
Total	40	45	87	4	1	51	8	11	6	115	368	100.00
Percent	10.87	12.23	23.64	1.09	.27	13.86	2.17	2.99	1.63	31.25	100.00	

A-9

Trip Purpose of Vehicle Drivers Passing Through
Station 707, North Carolina Ave. North
of the Mason City Urban Area

Average June Weekday Traffic 1962

Trip Purpose Origin	Trip Purpose - Destination: Work	Transact Business	During Work	Medical or Dental	School	Recreation Social or Cultural	Eat	Shop	Serve Passen-gers	Home	Total	Percent
Work			2							18	20	9.39
Transact Business	2					3				13	18	8.45
During Work	2		14	1						3	20	9.39
Medical or Dental												
School												
Recreation Social or Cultural		2				6		1		43	52	24.41
Eat												
Shop						1				12	13	6.10
Serve Passengers			1							6	7	3.29
Home	7	11	1	1		43		16	4		83	38.97
Total	11	13	18	2		53		17	4	95	213	100.00
Percent	5.17	6.10	8.45	.94		24.88		7.98	1.88	44.60	100.00	

Table A-10

Trip Purpose of Vehicle Drivers Passing Through
Station 708, Plymouth Road North
of the Mason City Urban Area

Average June Weekday Traffic 1962

Trip Purpose Origin	Trip Purpose - Destination: Work	Transact Business	During Work	Medical or Dental	School	Recreation Social or Cultural	Eat	Shop	Serve Passen-gers	Home	Total	Percent
Work			3	1		4	2			70	80	12.68
Transact Business	4	5	1			1			1	37	49	7.77
During Work	1		87							8	96	15.21
Medical or Dental						1				6	7	1.11
School										5	5	.79
Recreation Social or Cultural						12			1	84	97	15.37
Eat						1				1	2	.32
Shop	3									29	32	5.07
Serve Passengers			1						2	7	10	1.59
Home	34	53	2	4	10	110	4	28	8		253	40.09
Total	42	58	94	5	10	129	6	28	12	247	631	100.00
Percent	6.66	9.19	14.90	.79	1.59	20.44	.95	4.44	1.90	39.14	100.00	

Table A-11

Trip Purpose of Vehicle Drivers Passing Through
Station 709, 12th Street Northeast
of the Mason City Urban Area
Average June Weekday Traffic 1962

Trip Purpose Origin	Trip Purpose - Destination: Work	Transact Business	During Work	Medical or Dental	School	Recreation Social or Cultural	Eat	Shop	Serve Passen-gers	Home	Total	Percent
Work		21	8			8	3			214	254	13.75
Transact Business	11	15	2			4				191	223	12.07
During Work	16	4	377			1		2		34	434	23.50
Medical or Dental		1	1	3		2				8	15	.81
School										4	4	.22
Recreation Social or Cultural	1	4	1			22		3	1	122	154	8.34
Eat	1	1				7				10	19	1.03
Shop		1				6				49	56	3.03
Serve Passengers						[illegible]		1	1	[illegible]	[illegible]	[illegible]
Home	121	265	28	22	1	172	3	34	19		665	36.00
Total	150	312	417	25	1	224	6	40	24	648	1847	100.00
Percent	8.12	16.89	22.58	1.35	.05	12.13	.33	2.17	1.30	35.08	100.00	

Table A-12

Trip Purpose of Vehicle Drivers Passing Through
Station 710, F.A.S. 1410 South
of the Mason City Urban Area

Average June Weekday Traffic 1962

Trip Purpose Origin	Trip Purpose - Destination: Work	Transact Business	During Work	Medical or Dental	School	Recreation Social or Cultural	Eat	Shop	Serve Passen-gers	Home	Total	Percent
Work						2	3	1		57	63	17.21
Transact Business	2	1								17	20	5.46
During Work			71	1						2	74	20.21
Medical or Dental			1							1	2	.55
School						1			1	1	3	.82
Recreation Social or Cultural	3					2				26	31	8.47
Eat	2										2	.55
Shop										3	3	.82
Serve Passengers	1				1	1				8	11	3.01
Home	71	17	2	2	2	48		7	8		157	42.90
Total	79	18	74	3	3	54	3	8	9	115	366	100.00
Percent	21.58	4.92	20.22	.82	.82	14.75	.82	2.19	2.46	31.42	100.00	

A-13

Trip Purpose of Vehicle Drivers Passing Through
Station 711, Kentucky Ave. South
of the Mason City Urban Area
Average June Weekday Traffic 1962

Trip Purpose Origin	Trip Purpose - Destination: Work	Transact Business	During Work	Medical or Dental	School	Recreation Social or Cultural	Eat	Shop	Serve Passen-gers	Home	Total	Percent
Work		1	3							10	14	9.33
Transact Business										13	13	8.67
During Work	2	1	10							3	16	10.67
Medical or Dental										2	2	1.33
School										1	1	.67
Recreation Social or Cultural		1				4				17	22	14.67
Eat												
Shop										9	9	6.00
Serve Passengers									1	1	2	1.33
Home	14	9	3	1	2	30		9	3		71	47.33
Total	16	12	16	1	2	34		9	4	56	150	100.00
Percent	10.67	8.00	10.67	.67	1.33	22.66		6.00	2.67	37.33	100.00	

Table A-14

Trip Purpose of Vehicle Drivers Passing Through
Station 712, 12th Street Northwest
of the Mason City Urban Area

Average June Weekday Traffic 1962

Trip Purpose Origin	Trip Purpose - Destination: Work	Transact Business	During Work	Medical or Dental	School	Recreation Social or Cultural	Eat	Shop	Serve Passen-gers	Home	Total	Percent
Work		6				9				204	219	14.24
Transact Business	1	27				5			5	84	122	7.93
During Work	6		152							14	172	11.18
Medical or Dental										3	3	.20
School										1	1	.07
Recreation Social or Cultural	5	2	1			25	1	2		167	203	13.20
Eat	3									1	4	.26
Shop						4				31	35	2.27
Serve Passengers	3					2			2	19	26	1.69
Home	245	120	7			290	3	59	29		753	48.96
Total	263	155	160			335	4	61	36	524	1538	100.00
Percent	17.10	10.08	10.40			21.78	.26	3.97	2.34	34.07	100.00	

A-15

Trip Purpose of Vehicle Drivers Passing Through
Station 714, Pierce Ave. South
of the Mason City Urban Area

Average June Weekday Traffic 1962

Trip Purpose Origin	Trip Purpose - Destination: Work	Transact Business	During Work	Medical or Dental	School	Recreation Social or Cultural	Eat	Shop	Serve Passen-gers	Home	Total	Percent
Work							1			8	9	15.52
Transact Business										3	3	5.17
During Work			9								9	15.52
Medical or Dental												
School										1	1	1.72
Recreation Social or Cultural	1					1				6	8	13.79
Eat	2										2	3.45
Shop										2	2	3.45
Serve Passengers						1					1	1.72
Home	6	4				7		3	3		23	39.66
Total	9	4	9			9	1	3	3	20	58	100.00
Percent	15.52	6.90	15.52			15.52	1.72	5.17	5.17	34.48	100.00	

Table A-16

Trip Purpose of Vehicle Drivers Passing Through
Station 715, F.A.S. 1427 South
of the Mason City Urban Area

Average June Weekday Traffic 1962

Trip Purpose Origin	Trip Purpose - Destination: Work	Transact Business	During Work	Medical or Dental	School	Recreation Social or Cultural	Eat	Shop	Serve Passen-gers	Home	Total	Percent
Work		1							1	20	22	11.06
Transact Business	2	2								23	27	13.57
During Work			18							1	19	9.55
Medical or Dental												
School												
Recreation Social or Cultural	1					2		2		17	22	11.06
Eat												
Shop	1	1				2				9	13	6.52
Serve Passengers									2	2	4	2.01
Home	22	28		2		23		13	4		92	46.23
Total	26	32	18	2		27		15	7	72	199	100.00
Percent	13.06	16.08	9.04	1.01		13.57		7.54	3.52	36.18	100.00	

Table A-17

Trip Purpose of Vehicle Drivers Passing Through
Station 716, Local Road South
of the Mason City Urban Area

Average June Weekday Traffic 1962

Trip Purpose Origin	Trip Purpose - Destination: Work	Transact Business	During Work	Medical or Dental	School	Recreation Social or Cultural	Eat	Shop	Serve Passen-gers	Home	Total	Percent
Work										6	6	7.31
Transact Business										10	10	12.20
During Work		1	9								10	12.20
Medical or Dental												
School												
Recreation Social or Cultural						1				14	15	18.29
Eat										1	1	1.22
Shop										4	4	4.88
Serve Passengers										1	1	1.22
Home	8	1				18		5	3		35	42.68
Total	8	2	9			19		5	3	36	82	100.00
Percent	9.76	2.44	10.97			23.17		6.10	3.66	43.90	100.00	

Table A-18

Trip Purpose of Vehicle Drivers Passing Through
Station 717, Local Road North
of the Mason City Urban Area

Average June Weekday Traffic 1962

Trip Purpose Origin	Trip Purpose - Destination: Work	Transact Business	During Work	Medical or Dental	School	Recreation Social or Cultural	Eat	Shop	Serve Passen-gers	Home	Total	Percent
Work		8	20			5				113	146	18.84
Transact Business	3	4	7		1					30	45	5.81
During Work	3	5	59							17	84	10.84
Medical or Dental										3	3	.39
School										5	5	.64
Recreation Social or Cultural	1	3	1			11	1			86	103	13.29
Eat						2					2	.26
Shop		1								10	11	1.42
Serve Passengers										5	5	.64
Home	112	41	14	6		180	6	8	4		371	47.87
Total	119	62	101	6	1	198	7	8	4	269	775	100.00
Percent	15.36	8.00	13.03	.77	.13	25.55	.90	1.03	.52	34.71	100.00	

Table A-19

Trip Purpose of Vehicle Drivers Passing Through
Station 718, F.A.S. 1427 North
of the Mason City Urban Area

Average June Weekday Traffic 1962

Trip Purpose Origin	Trip Purpose - Destination: Work	Transact Business	During Work	Medical or Dental	School	Recreation Social or Cultural	Eat	Shop	Serve Passen-gers	Home	Total	Percent
Work		2	1			4	1			127	135	16.57
Transact Business		6	1					1		43	51	6.26
During Work		1	132					1		1	135	16.56
Medical or Dental									1		1	.12
School										1	1	.12
Recreation Social or Cultural		1				16			2	60	79	9.69
Eat	6					2				3	11	1.35
Shop	1	5				1		1		22	30	3.68
Serve Passengers										[illegible]	[illegible]	[illegible]
Home	148	68	6			116	9	16	7		370	45.40
Total	155	83	140			139	10	19	10	259	815	100.00
Percent	19.02	10.18	17.18			17.05	1.23	2.33	1.23	31.78	100.00	

Table A-20

Trip Purpose of Vehicle Drivers Passing Through
Station 719, F.A.S. 1425 West
of the Mason City Urban Area

Average June Weekday Traffic 1961

	Trip Purpose - Destination											
Trip Purpose Origin	Work	Transact Business	During Work	Medical or Dental	School	Recreation Social or Cultural	Eat	Shop	Serve Passen-gers	Home	Total	Percent
Work		1				5	9		1	26	42	15.97
Transact Business							2	1		3	6	2.28
During Work			27							6	33	12.55
Medical or Dental												
School												
Recreation Social or Cultural						13	1			15	29	11.03
Eat	2					4				23	29	11.03
Shop						3	1			10	14	5.33
Serve Passengers										6	6	2.28
Home	40	11	5			16	21	4	7		104	39.53
Total	42	12	32			41	34	5	8	89	263	100.00
Percent	15.97	4.56	12.17			15.59	12.93	1.90	3.04	33.84	100.00	

Table A-21

Trip Purpose of Vehicle Drivers Passing Through
Station 720, Local Road West
of the Mason City Urban Area

Average June Weekday Traffic 1962

Trip Purpose Origin	Trip Purpose - Destination: Work	Transact Business	During Work	Medical or Dental	School	Recreation Social or Cultural	Eat	Shop	Serve Passen-gers	Home	Total	Percent
Work			1				2			39	42	21.99
Transact Business	2	1								5	8	4.19
During Work		2	29							1	32	16.75
Medical or Dental										1	1	.53
School												
Recreation Social or Cultural							3		1	9	13	6.81
Eat	1					2					3	1.57
Shop										6	6	3.14
Serve Passengers									1	6	7	3.66
Home	39	7	1	1		13	2	8	8		79	41.36
Total	42	10	31	1		15	7	8	10	67	191	100.00
Percent	21.99	5.24	16.23	.53		7.84	3.66	4.19	5.24	35.08	100.00	

Table A-22

Trip Purpose of Vehicle Drivers Passing Through
Station 721, F.A.S. 108 West
of the Mason City Urban Area

Average June Weekday Traffic 1962

Trip Purpose Origin	Trip Purpose - Destination: Work	Transact Business	During Work	Medical or Dental	School	Recreation Social or Cultural	Eat	Shop	Serve Passen-gers	Home	Total	Percent
Work										7	7	6.20
Transact Business	1									6	7	6.20
During Work		2	31								33	29.20
Medical or Dental												
School												
Recreation Social or Cultural										10	10	8.85
Eat												
Shop		1				2				8	11	9.73
Serve Passengers										3	3	2.65
Home	7	4		1		16	1	9	4		42	37.17
Total	8	7	31	1		18	1	9	4	34	113	100.00
Percent	7.08	6.20	27.43	.88		15.93	.88	7.97	3.54	30.09	100.00	

Table A-23

Trip Purpose of Vehicle Drivers Passing Through
Interview Stations on Primary Roads
(Duplicate Through Trips Removed)

Average June Weekday Traffic 1962

Trip Purpose Origin	Trip Purpose - Destination: Work	Transact Business	During Work	Medical or Dental	School	Recreation Social or Cultural	Eat	Shop	Serve Passen-gers	Home	Total	Percent
Work		148	44			46	40	11	10	1659	1958	8.88
Transact Business	49	302	34	2	1	82	9	5		1759	2243	10.18
During Work	31	117	3789	2		8	7	2	5	108	4069	18.46
Medical or Dental		1		10	1	11				315	338	1.53
School	9		1		8	9		7		96	130	.59
Recreation Social or Cultural	16	21		2	2	518	19	12	4	1682	2276	10.33
Eat	10	5				39		2		90	146	.66
Shop	3	5				30	3	12	5	1297	1355	6.15
Serve Passengers	[illegible]	[illegible]	[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Home	2136	2040	162	388	130	2791	122	1528	124		9421	42.75
Total	2259	2644	4031	404	142	3538	200	1581	158	7082	22039	100.00
Percent	10.26	12.00	18.29	1.83	.64	16.05	.91	7.17	.72	32.13	100.00	

Table A-24

Trip Purpose of Vehicle Drivers Passing Through
Interview Stations on Secondary Roads
(Duplicate Through Trips Removed)

Average June Weekday Traffic 1962

Trip Purpose Origin	Trip Purpose - Destination: Work	Transact Business	During Work	Medical or Dental	School	Recreation Social or Cultural	Eat	Shop	Serve Passen-gers	Home	Total	Percent
Work		36	26	1		29	22	4	4	733	855	13.71
Transact Business	28	50	8		1	12	2	2	6	432	541	8.67
During Work	27	24	921	2		2		3		79	1058	16.96
Medical or Dental		1	2	3		3			1	21	31	.50
School	1					1			2	15	19	.30
Recreation Social or Cultural	12	14	3			104	6	8	5	585	737	11.81
Eat	18	1				18				39	76	1.22
Shop	7	8				18	1	1		202	237	3.80
Serve Passengers	6		2		1	6		1	13	79	108	1.73
Home	672	561	60	40	17	868	43	213	102		2576	41.30
Total	771	695	1022	46	19	1061	74	232	133	2185	6238	100.00
Percent	12.36	11.14	16.38	.74	.30	17.01	1.19	3.72	2.13	35.03	100.00	

Table A-25

Trip Purpose of Vehicle Drivers Passing Through
The Internal Cordon Line of Interview Stations
Surrounding the Central Business District
(Duplicate Through Trips Removed)

Average June Weekday Traffic 1962

Trip Purpose Origin	Trip Purpose - Destination: Work	Transact Business	During Work	Medical or Dental	School	Recreation Social or Cultural	Eat	Shop	Serve Passen-gers	Home	Total	Percent
Work		1190	575	34	11	357	361	253	134	6486	9401	13.95
Transact Business	690	1779	205	18	15	465	108	268	84	3730	7362	10.92
During Work	323	485	7647			25	40	7	17	163	8707	12.92
Medical or Dental	33	48		10	2	25	7	51	13	522	711	1.05
School	6	17		1	5	9	9	9	5	153	214	.32
Recreation Social or Cultural	128	344	6	39	11	1805	331	248	113	3742	6767	10.04
Eat	245	155	29	10	10	317		63	30	727	1586	2.35
Shop	114	190	7	29	7	376	101	526	95	3693	5138	7.62
Serve Passengers	78	70	5	7	3	105	18	66	404	[illegible]	[illegible]	[illegible]
Home	7214	5535	129	793	238	5703	1012	3893	1266		25783	38.27
Total	8831	9813	8603	941	302	9187	1987	5384	2161	20185	67394	100.00
Percent	13.10	14.56	12.77	1.40	.45	13.63	2.95	7.99	3.21	29.94	100.00	

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