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IOWA REST AREAS

August 1962



IOWA REST AREAS

MARCH 1963

PREPARED BY THE
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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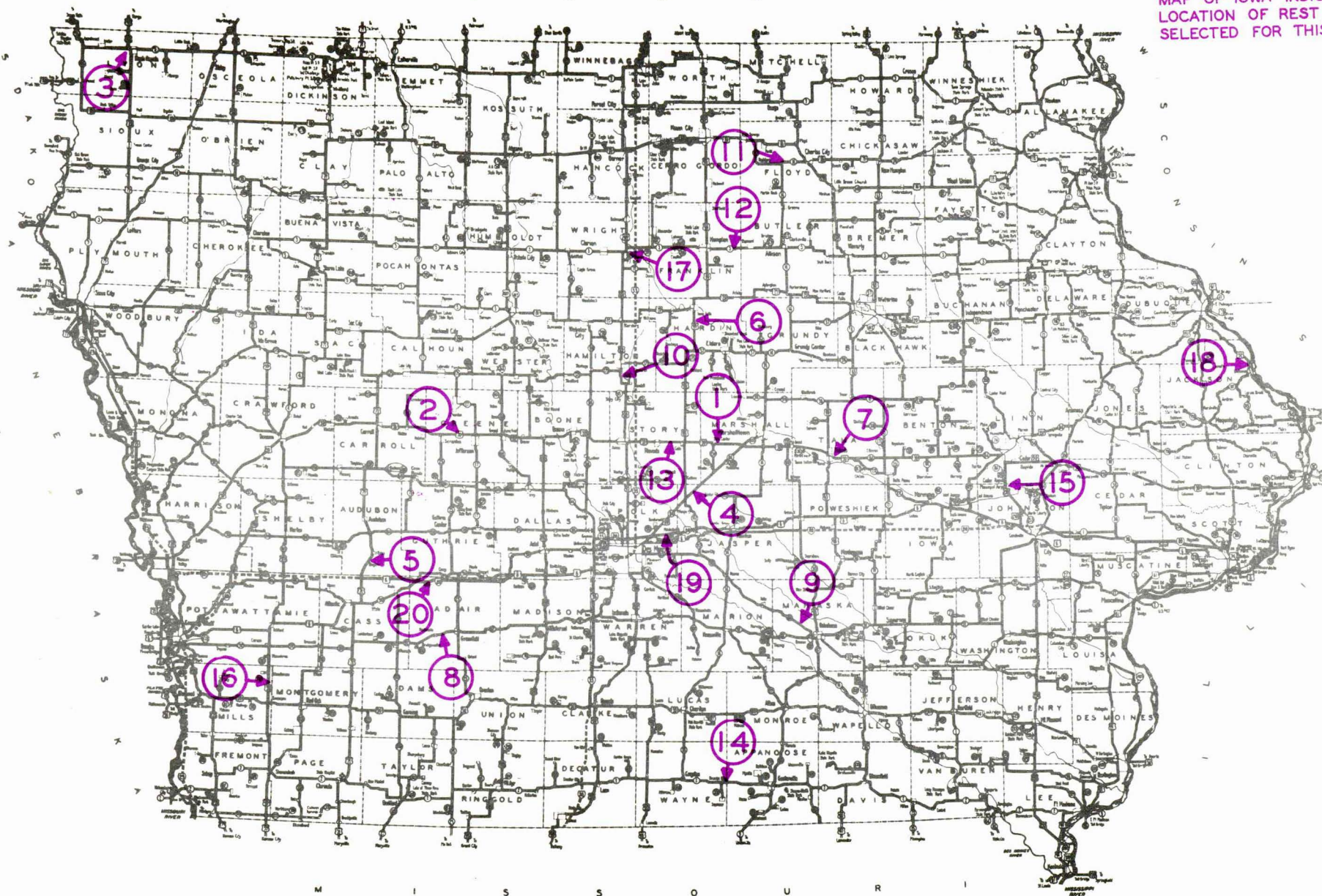
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FOREWARD

The purpose of this report is to attempt to analyze the amount and type of usage received by Iowa's Primary and Interstate Road rest areas, and to present a summary of the desires of the individuals using the rest areas concerning additional equipment and facilities.

It is hoped that the information contained in this report will prove of some value in planning the future development of rest areas.

MAP OF IOWA INDICATING
LOCATION OF REST AREAS
SELECTED FOR THIS STUDY



SURVEY PROCEDURES

To obtain the data used in this study, eighteen Primary Road rest areas and two of the Interstate Road rest areas were selected at which to interview individuals and observe the usage of facilities.

Interviews were made of all vehicle drivers present in the rest areas at 6 A.M. and those who entered during the sixteen hour interview period from 6 A.M. to 10 P.M. Traffic in each area was interviewed for one sixteen hour period on a weekday during the month of August, 1962.

Each vehicle driver was asked the origin and destination of his entire trip and the origin and destination for the day. It should be noted in cases where several occupants shared the driving on a long trip, a vehicle's entire trip may be recorded as the trip for the day, since no stops of a significant length of time would be made. If the occupants of a vehicle had spent the previous night or were stopping to spend the night at a rest area, the rest area is designated as the day's origin or destination.

Vehicle drivers were also asked the purpose of their trip, the reason for stopping at the rest area, and their opinion of the area in the areas of adequacy and frequency of location. Particular emphasis was placed upon determining if the vehicle driver had a desire for picnic tables, particular types of recreational equipment, or electrical outlets.

The time of entrance and departure, type of vehicle, and the registration of the vehicle were also noted by the interviewer. The number of occupants was recorded in two groups, adults (over 15 years of age) and children (under 15 years of age).

To supplement data obtained by interview, automatic portable traffic recorders were used to determine the hourly distribution of the average summer weekday traffic on the primary or interstate highway adjacent to each park.

Due to the lack of similarity among rest areas on the primary system and between the primary road rest areas and the Interstate road rest areas, the data presented in this study have not been prepared to reflect comparisons among the individual rest areas. The objective of this report is to show what use is made of each area with its existing facilities and to determine what additional facilities are desired.

SECTION I

PRIMARY ROAD REST AREAS

SUMMARY

Iowa has 165 rest areas located on the primary system. For this study, eighteen of these areas were selected and each was assigned a number (1 through 18) for identification.

As each area was designed to meet the needs existing at the time of establishment, the rest areas along Iowa's primary highways vary considerably in size, facilities and natural surroundings. Some of the areas have been established all or in part on privately-owned property, while others are entirely on state-owned right-of-way. Many of the Iowa rest areas were roadside improvement projects established during the depression period of the 1930's. Others were established by interested individuals or organizations or by county conservation boards.

At present, Iowa policy does not permit the addition of equipment and facilities to these areas by the Iowa State Highway Commission. The Highway Commission does, however, add crushed rock to access and parking areas and mow the grass when necessary.

Whenever possible, the Highway Commission registers sponsors who desire to accept responsibility for maintaining and improving any of the rest areas as a public service project. It is through the effort of the sponsors that additional facilities are added to the rest areas. When electrical outlet service is provided, it is furnished and maintained free of charge as a convenience to the public by local electric service companies. The Roadside Improve-

ment Section of the Highway Commission's Division of Engineering offers a consultation and planning service to aid any sponsor in the development of an area.

It is the aim of the Highway Commission to control the establishment of new rest areas on the primary system so eventually rest areas will be located at 30 to 35 mile intervals on the Primary Expressway System (traffic in excess of 4,000 vehicles per day) and at 40 to 50 mile intervals on the Major Primary Highway System (traffic of 1,500 to 4,000 vehicles per day).

In this section, the results of the primary road rest area study are summarized first in a series of charts and tables which pertain to all areas studied, followed by groups of tables which pertain only to each individual rest area.

Interview data presented by four-hour time intervals of the sixteen hour study period include the distribution of rest area traffic, total traffic and percentage of total traffic stopping, reason for stopping, length of stay, vehicle occupancy, first facility used by driver, and total vehicle usage of facilities. Charts are included which present both the original and the day's origin and destination of vehicle drivers interviewed. The user's opinion of the rest areas and a tabulation of requests for additional facilities arranged by the reason for stopping are presented only for each individual rest area.

The largest volume of primary rest area traffic was recorded during the time period from 10 A.M. until 2 P.M. 43.1 percent of all interviews were conducted during this period. 27.6 percent

were conducted during the period from 2 P.M. until 6 P.M., while 18.7 percent were conducted from 6 A.M. until 10 A.M. and 10.6 percent from 6 P.M. until 10 P.M.

52 percent of all of the vehicle drivers interviewed in the eighteen primary rest areas were on vacation trips. Trips of a recreational nature composed 23.9 percent of the total, work trips 15.2 percent, occupants moving 5.2 percent, and the remaining 3.7 percent of all trips were to serve passengers. No shopping or personal business trips were encountered among the vehicle drivers interviewed.

49.4 percent of all vehicle drivers interviewed stopped to eat, 37.1 percent stopped to rest, 4.3 percent stopped to camp, and 3.2 percent stopped to sleep. 2.3 percent stopped to fish, 2.0 percent stopped to check equipment, and 1.4 percent stopped to repair vehicle. One vehicle (0.3 percent) stopped to boat.

The average length of stay in primary rest areas was 56 minutes. The longest average stay was 116 minutes during the period from 6 A.M. to 10 A.M., while the shortest average stay was 30 minutes during the period from 10 A.M. to 2 P.M.

The average vehicle carried 2.3 adults and less than one child under fifteen years of age (0.9), with a total occupancy of 3.2 persons.

Picnic tables were the first facility used by 47.7 percent of the drivers observed using facilities. 31.4 percent used rest rooms first, 8.3 used water, 5.7 used natural facilities (lake or historical marker), 3.8 percent used a trash container,

1.5 percent of the drivers used a shelter first, 0.8 percent used a fireplace, 0.4 percent used an electric outlet, and 0.4 percent used travel information first.

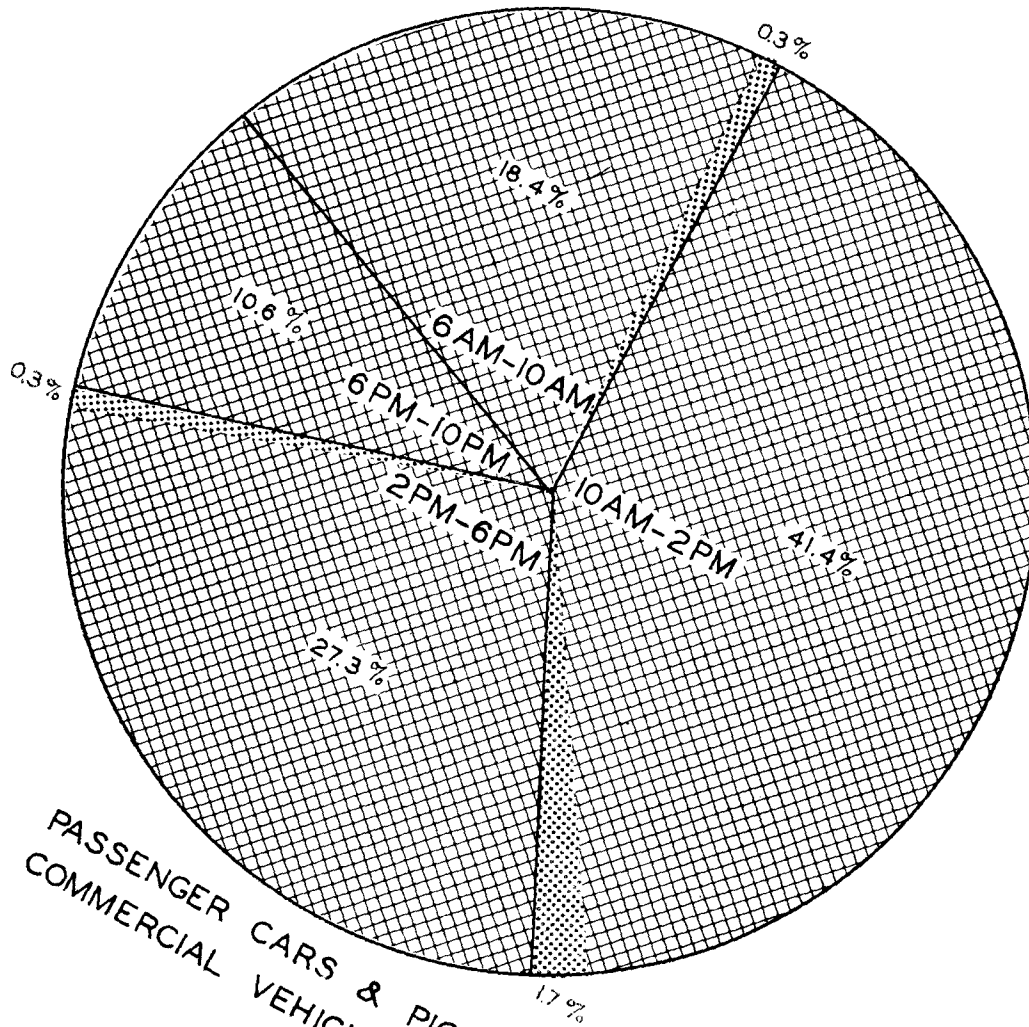
Occupants of 46.8 percent of all vehicles entering the primary road rest areas used picnic tables, 42.8 percent used rest rooms, 26.4 percent used trash containers, 18.7 percent used water, and 4.9 percent used natural facilities (lake or historical marker). Occupants of 4.9 percent of all vehicles used recreational equipment, 2.9 percent used shelters, 2.9 percent used fireplaces or grills, 1.1 percent used travel information, and 0.9 percent used electric outlets.

Due to the variation in the number of facilities available at the primary rest areas studied, the information pertaining to the first facility used by the driver and the total vehicle usage of facilities does not necessarily reflect the desirability of facilities when presented as the total of all rest areas interviewed. A more accurate interpretation can be gained by examination of these data for a rest area such as Rock Rapids (#3) which has a high compliment of facilities available for use.

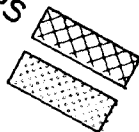
Although the specific distance desired between rest areas was not asked in the course of the interviews, 84 or 24.1 percent of the drivers interviewed at primary rest areas did offer an opinion which was noted and recorded by the interviewer. Of the opinions received, 35 percent desired intervals of approximately every 30 miles, and 39 percent desired approximately 50 mile intervals.

The manner in which the interview data is presented is identical for all eighteen individual primary road rest areas. The summarization of all of the data collected at all of the areas is also identical with the exception of the tables regarding the user's opinion of and additional facilities desired in each park, which have been omitted as meaningless in composite form.

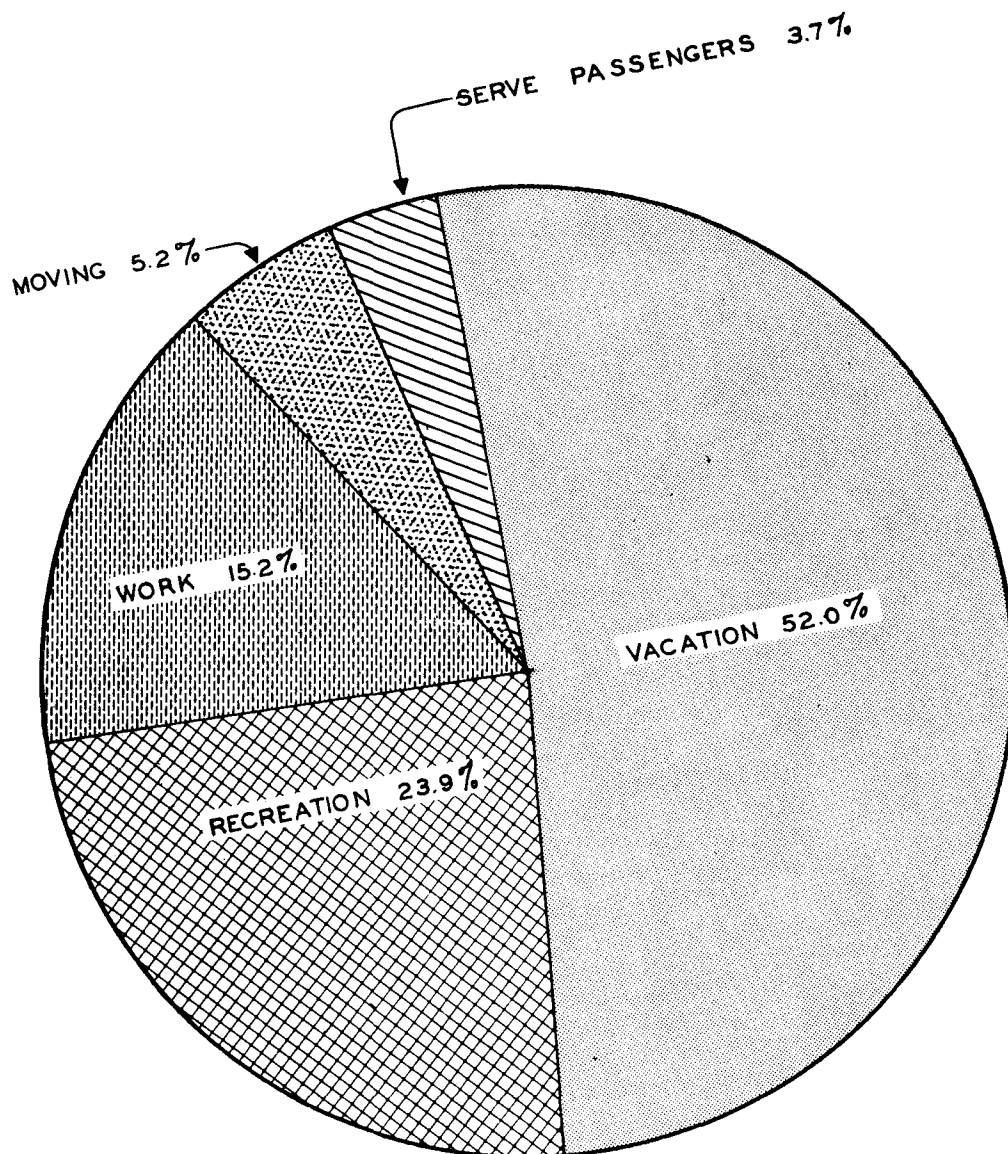
DISTRIBUTION OF TRAFFIC BY TIME PERIOD IN PRIMARY ROAD REST AREAS



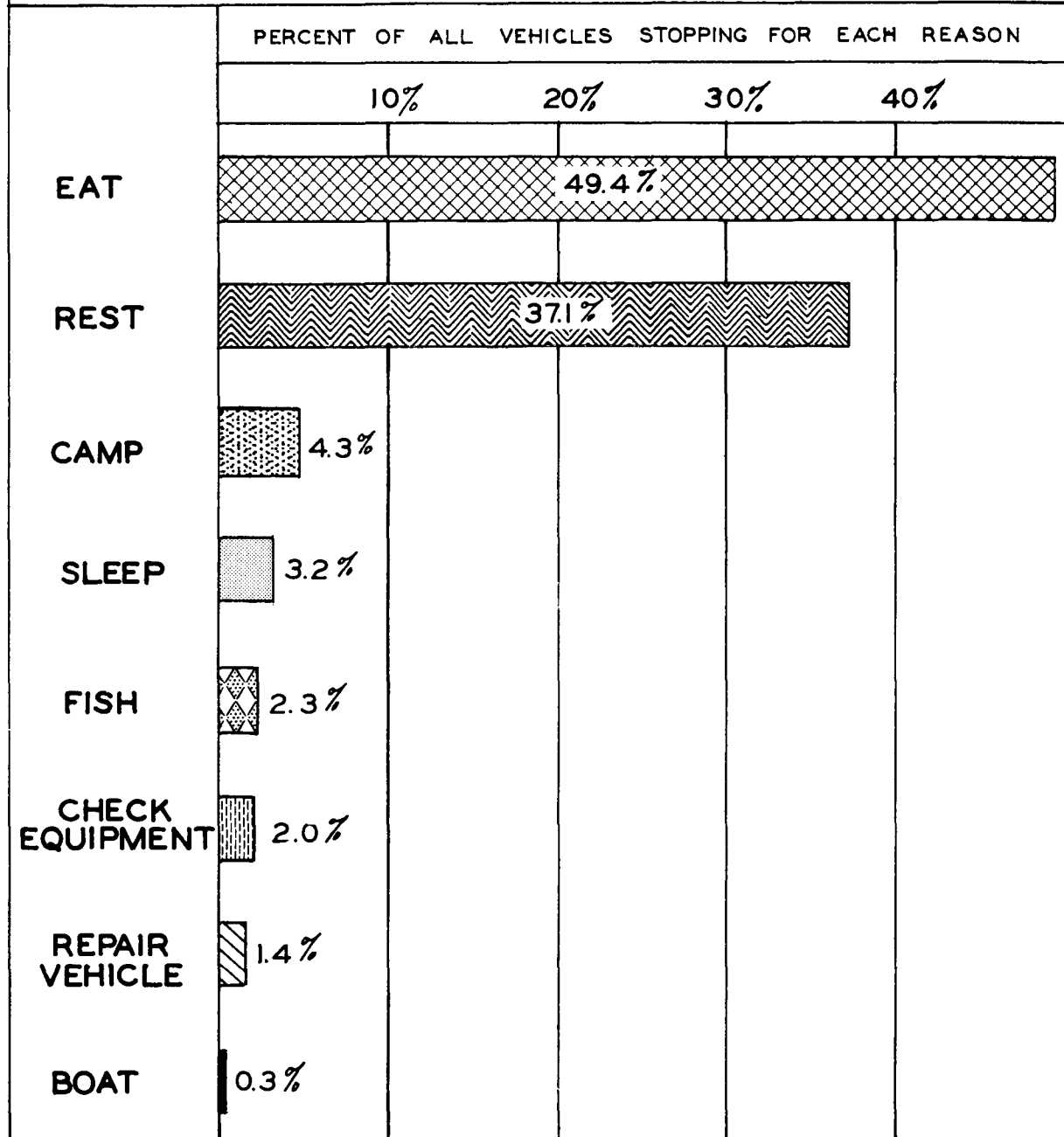
PASSENGER CARS & PICKUPS
COMMERCIAL VEHICLES



TRIP PURPOSE OF ALL
VEHICLE DRIVERS INTERVIEWED
AT
PRIMARY ROAD REST AREAS



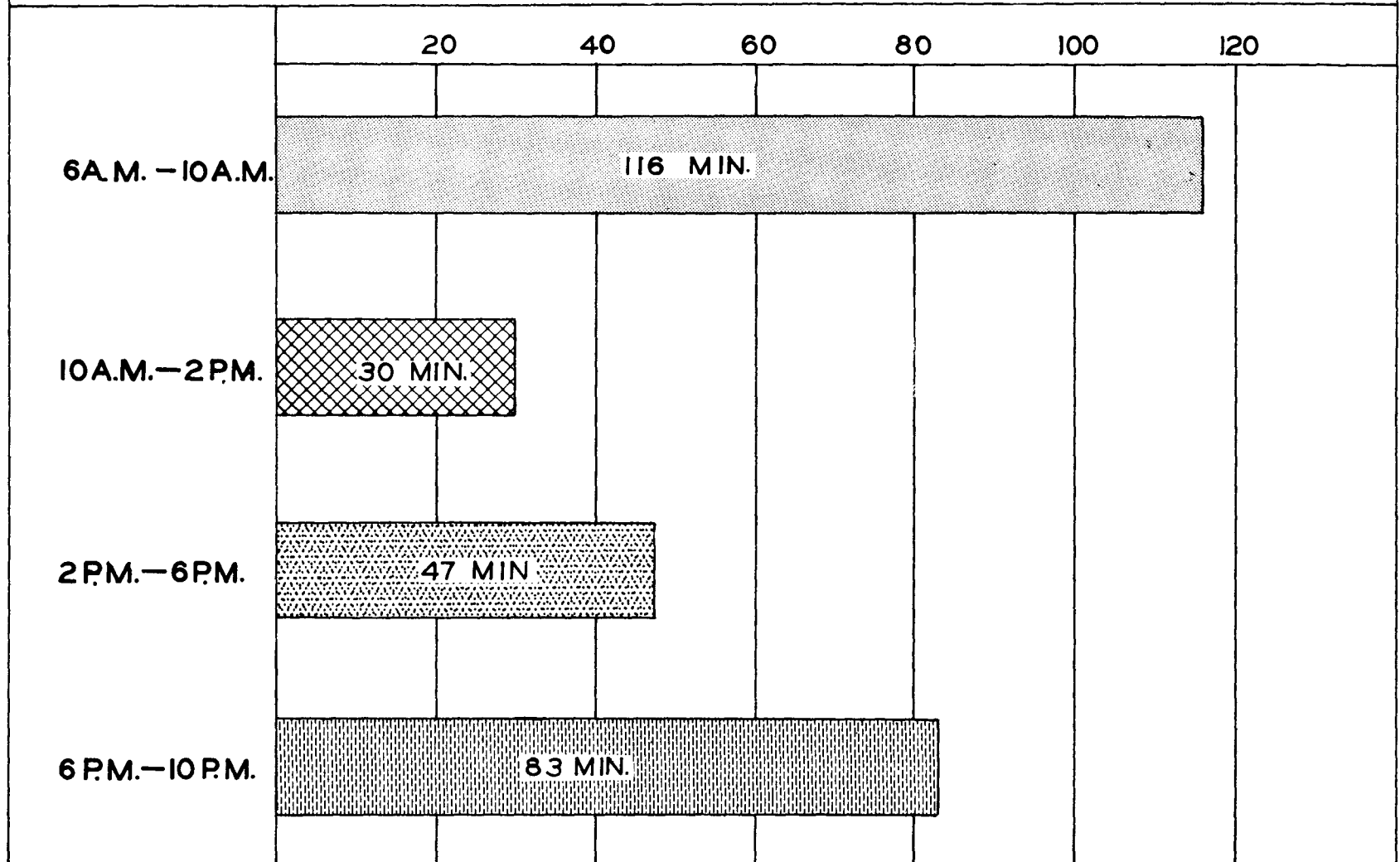
REASON FOR STOPPING ALL VEHICLE DRIVERS INTERVIEWED AT PRIMARY ROAD REST AREAS



Summary of All Primary Road Rest Areas Interviewed

TRAFFIC PASSING REST AREA																
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping	TRIP PURPOSE OF VEHICLES STOPPING					REASON FOR STOPPING							
				Work	Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Camp	Check Equip.	Repair	Fish	Boat
6 AM to 10 AM	9725	65	0.67	4	16	40	2	3	29	22	1	9	2	1	1	
10 AM to 2 PM	13161	150	1.14	29	21	85	5	10	90	50	5	1	3	1		
2 PM to 6 PM	14557	96	0.66	18	31	37	6	4	36	45	4	1	2	2	5	1
6 PM to 10 PM	9106	37	0.41	2	15	19		1	17	12	1	4		1	2	
Total 6 AM to 10 PM	46549	348	0.75	53	83	181	13	18	172	129	11	15	7	5	8	1

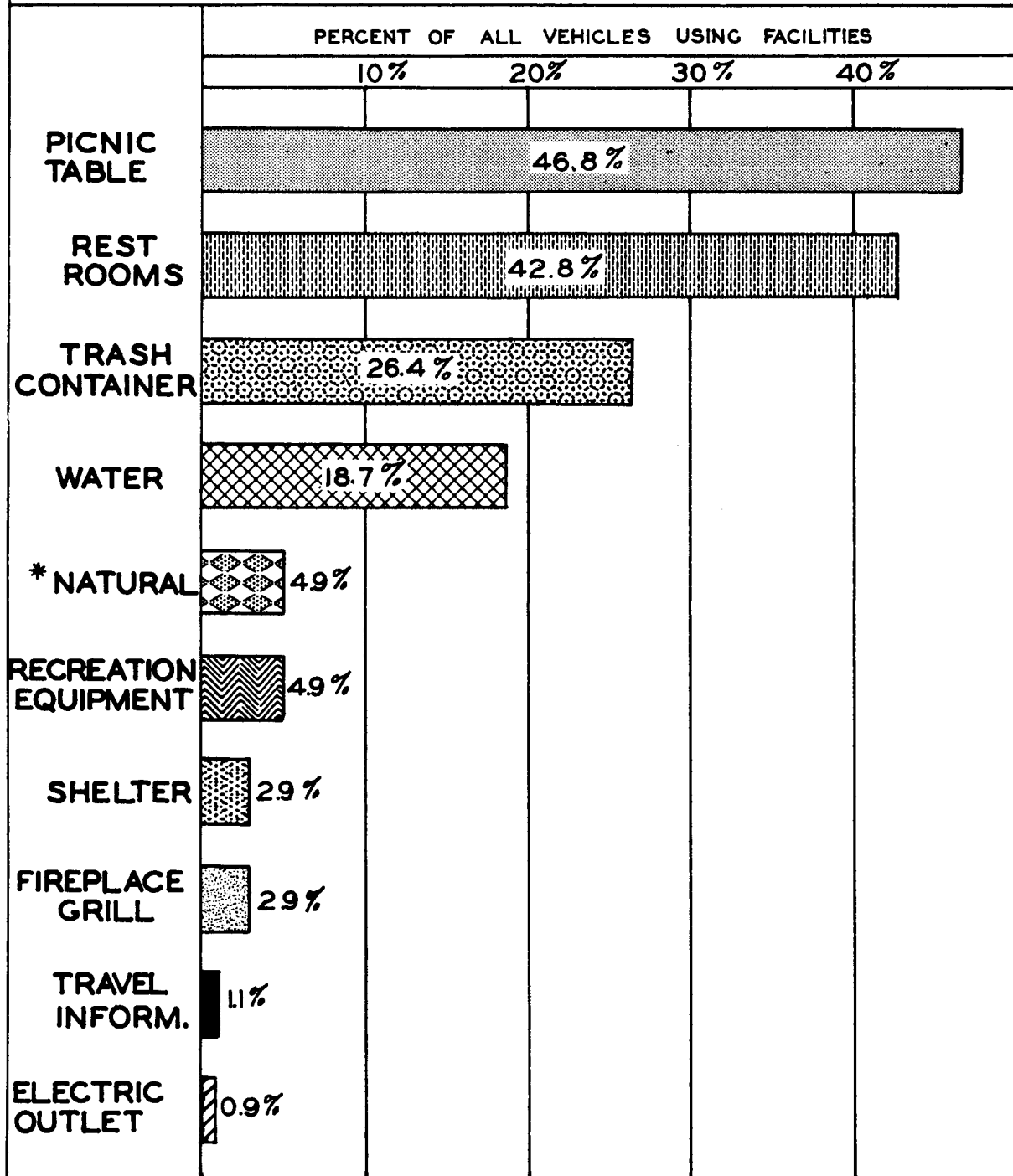
AVERAGE LENGTH OF STAY PER VEHICLE PRIMARY ROAD REST AREAS



Summary of All Primary Road Rest Areas Interviewed

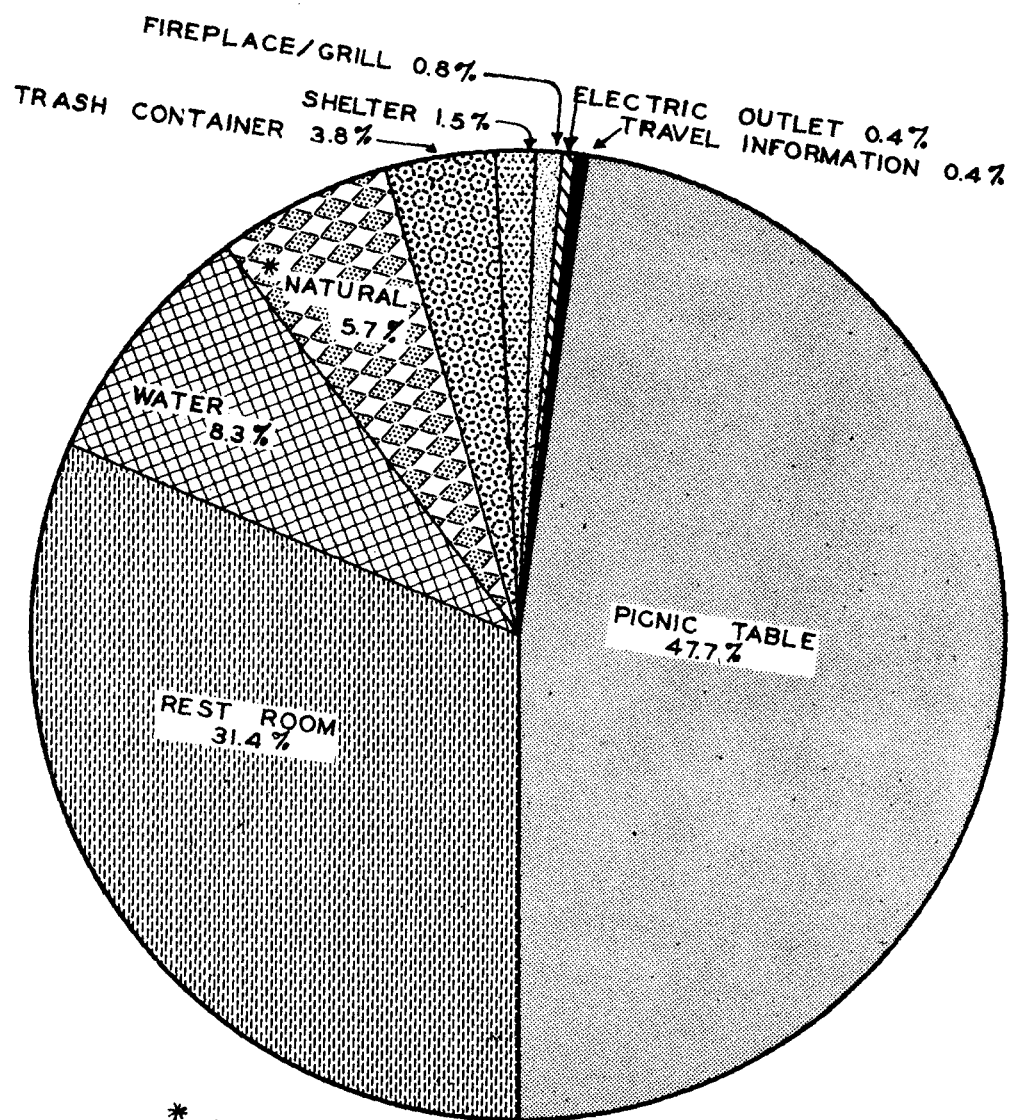
Time Period	LENGTH OF STAY			VEHICLE OCCUPANCY					
	Vehicles Inter-viewed	Total Time Spent in Area	Average Length of Stay Per Vehicle	Adults	Children (Under 15 Yrs. of Age)	Total Occu-pants	Average Number of Adults per Vehicle	Average Number of Children Per Vehicle	Average Total Occu-pants Per Vehicle
6 AM to 10 AM	65	125 Hrs. 59 Min	1 Hr 56 Min	150	53	203	2.3	0.8	3.1
10 AM to 2 PM	150	75 Hrs 38 Min	30 Min	333	142	475	2.2	0.9	3.1
2 PM to 6 PM	96	74 Hrs 56 Min	47 Min	199	88	287	2.1	0.9	3.0
6 PM to 10 PM	37	51 Hrs 4 Min	1 Hr 23 Min	107	37	144	2.9	1.0	3.9
Total 6 AM to 10 PM	348	327 Hrs 37 Min	56 Min	789	320	1109	2.3	0.9	3.2

USAGE OF FACILITIES ALL VEHICLE DRIVERS INTERVIEWED AT PRIMARY ROAD REST AREAS



*LAKE OR HISTORICAL MARKER

FIRST FACILITY USED BY VEHICLE DRIVER PRIMARY ROAD REST AREAS



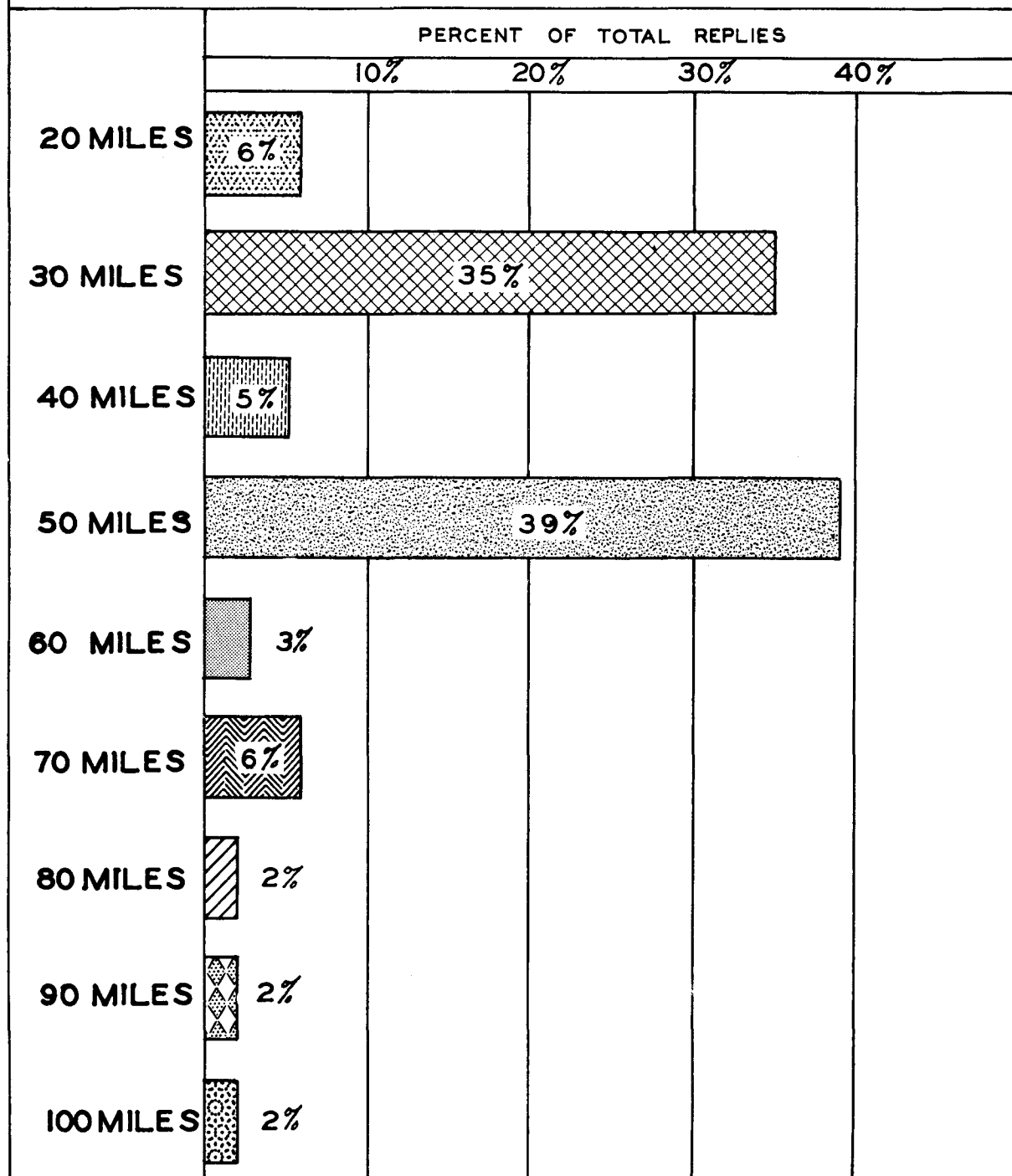
* LAKE OR HISTORICAL MARKER

Summary of All Primary Road Rest Areas Interviewed

Time Period	Number of Vehicles	FIRST FACILITY USED BY VEHICLE DRIVER										TOTAL VEHICLE USAGE OF FACILITIES									
		Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*	Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*
6 AM to 10 AM	65	6	18	1	22		1		1	4	2	21	34	6	36	1	13	5	2	4	2
10 AM to 2 PM	150	3	66		26		9				5	47	77		59		23	4	2	5	5
2 PM to 6 PM	96		31		24	1	6				5	18	35	2	39	1	17	6		1	7
6 PM to 10 PM	37	1	11	1	11		6				3	6	17	2	15	1	12	2			3
Total 6 AM to 10 PM	348	10	126	2	83	1	22		1	4	15	92	163	10	149	3	65	17	4	10	17

* Lake or Historical Marker

DISTANCE DESIRED BETWEEN PRIMARY ROAD REST AREAS



THE TOTAL NUMBER OF REPLIES REPRESENTS 24.1 PERCENT OF ALL
PRIMARY REST AREA INTERVIEWS

(ORIGINAL)

ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

DESTINATION (STATE)

ORIGIN (STATE)	DESTINATION (STATE)																																	
	California	Canada	Colorado	Connecticut	Dist. Col.	Florida	Idaho	Illinois	Indiana	Iowa	Kansas	Maryland	Massachusetts	Michigan	Minnesota	Missouri	Montana	Nebraska	New Jersey	New York	Ohio	Oregon	Pennsylvania	South Dakota	Texas	Utah	Virginia	Washington	Wisconsin	Wyoming	Rest Area		Total	
Arizona								1		1																							2	
California		1		1				1	1	1				2						1	1		1										10	
Canada	1										3																						4	
Colorado								1		2				2	1																		6	
Dist. Columbia	2																																2	
Illinois			3							5					1							2		2				2					15	
Indiana										2																		1		1			4	
Iowa			2		2			6	2	10	1			1	12	4			1	1	1			7					2	3	16		162	
Kansas		1								1																							2	
Kentucky																	1																1	
Louisiana								1																									1	
Massachusetts	2																					1											3	
Michigan	4		3															1						1				2		1			1	
Minnesota	3				1	2		2		12	1			1		2		2			1				1		1						29	
Missouri										5																				1			6	
New Jersey	1																											1		2			4	
Montana								1													1												2	
Nebraska								1	1	1		1			2				1		1								1				9	
New Mexico																														1			1	
New York	2	1	1							2								1						1		1		1		1			11	
Ohio			1				1			1					1													1					5	
Oregon		1							2																								3	
Pennsylvania	2		1																						1			3		1			8	
South Dakota				1				2		6										1			1										11	
Tennessee																								1									1	
Utah														1																			1	
Washington		1						3	1										1	3	1		2						1				13	
Wisconsin	3		2							1						1																	8	
Wyoming								2					1	2					1	1	2		1						1				11	
Hawaii								1																									1	
TOTAL	20	5	13	2	3	2	1	22	7	14	1	5	1	1	9	17	7	1	5	4	7	8	3	5	13	2	1	1	11	7	9	16		348

DESTINATION (STATE)

-22-



STATE CENTER

Rest Area # 1 is located at the east edge of State Center on the north side of U.S. 30 in Marshall County. Established on state-owned property, it is furnished and maintained by the State Center Garden Club. It was approved as an Iowa State Highway Commission rest area on June 3, 1958. Facilities include 4 trash containers, 4 picnic tables, 1 fireplace, 1 electric outlet, and city water.

Traffic entering the rest area was interviewed on Thursday, August 16, 1962. Fifteen passenger cars were interviewed during the sixteen hour interview period from 6 A.M. to 10 P.M. No trucks entered the area during the interview period.

TRAFFIC PASSING REST AREA

Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping	TRIP PURPOSE OF VEHICLES STOPPING					REASON FOR STOPPING							
				Work	Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Camp	Check Equip.	Repair	Fish	Boat
6 AM to 10 AM	726	1	0.14			1			1							
10 AM to 2 PM	1081	9	0.83	1		7		1	8	1						
2 PM to 6 PM	1094	3	0.27			1		2	3							
6 PM to 10 PM	682	2	0.29			2			2							
Total 6 AM to 10 PM	3583	15	0.42	1		11		3	14	1						

1. State Center

Time Period	LENGTH OF STAY			VEHICLE OCCUPANCY					
	Vehicles Inter-viewed	Total Time Spent in Area	Average Length of Stay Per Vehicle	Adults	Children (Under 15 Yrs. of Age)	Total Occu-pants	Average Number of Adults per Vehicle	Average Number of Children Per Vehicle	Average Total Occu-pants Per Vehicle
6 AM to 10 AM	1	1 Hr 8 Min	1 Hr 8 Min	2	4	6	2.0	4.0	6.0
10 AM to 2 PM	9	4 Hrs 21 Min	29 Min	21	15	36	2.3	1.7	4.0
2 PM to 6 PM	3	4 Hrs 2 Min	1 Hr 21 Min	6	3	9	2.0	1.0	3.0
6 PM to 10 PM	2	1 Hr 9 Min	35 Min	4	3	7	2.0	1.5	3.5
Total 6 AM to 10 PM	15	10 Hr 40 Min	43 Min	33	25	58	2.2	1.7	3.9

1. State Center

Time Period	Number of Vehicles	FIRST FACILITY USED BY VEHICLE DRIVER										TOTAL VEHICLE USAGE OF FACILITIES									
		Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*	Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*
6 AM to 10 AM	1		1										1								
10 AM to 2 PM	9		7				1						8				1				
2 PM to 6 PM	3		2				1						2	3	1		2				
6 PM to 10 PM	2		2										2	2			2				
Total 6 AM to 10 PM	15		12				2						4	14	1		5				

* Lake or Historical Marker

1. State Center

USERS OPINION OF REST AREA							
Reason for Stopping	Number of Vehicles	Feel Area is Adequate	Feel Area is not Adequate	Need Electric Outlets	Need Picnic Tables	Need Recreation Equipment	Areas Too Far Apart
Eat	14	9	5			3	3
Rest	1	1					1
Sleep							
Camp							
Fish							
Check Equipment							
Repair							
Boat							
Total	15	10	5			3	4

1. State Center

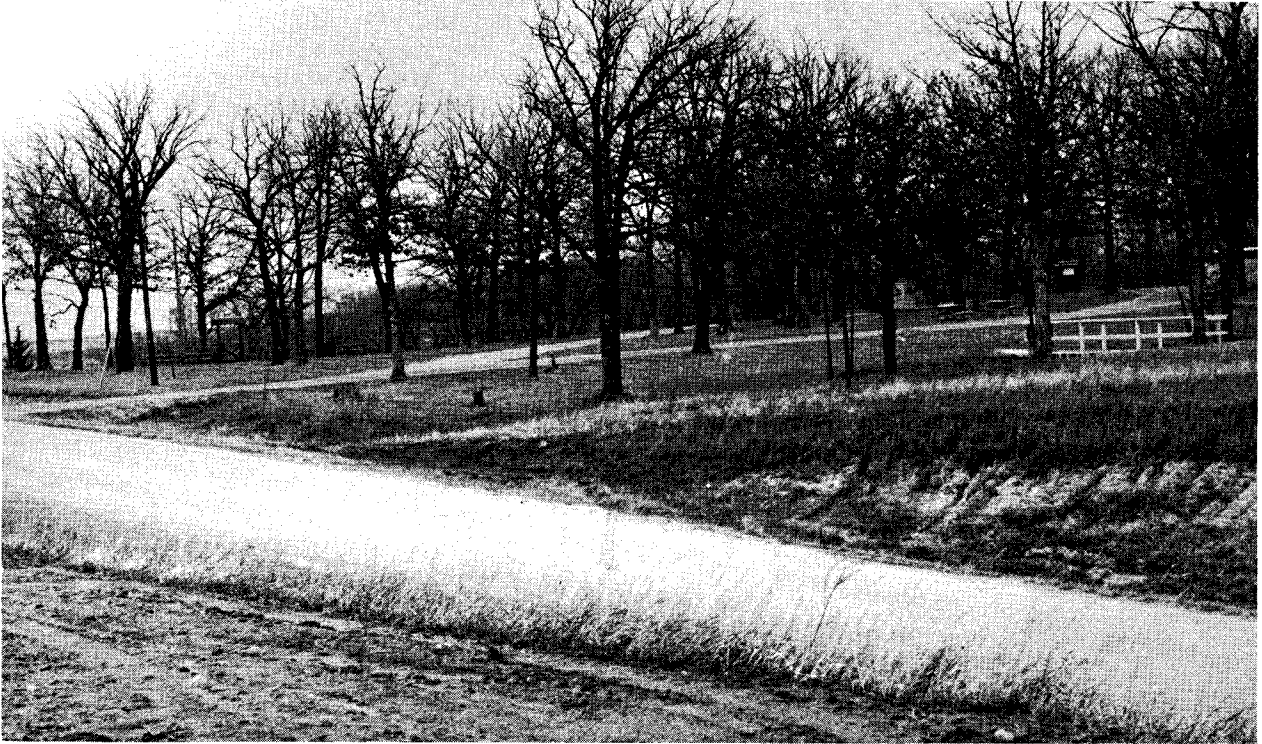
Reason for Stopping	ADDITIONAL FACILITIES REQUESTED									
	Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Swings	Slides	Sandpile	Merry- Go-Round	Teeter- Totter	Wading Pool
Eat	4				3	1	1			
Rest										
Sleep										
Camp										
Fish										
Check Equipment										
Repair										
Boat										
Total	4				3	1	1			

ORIGINAL ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

ORIGIN (STATE)	DESTINATION (STATE)													
	California	Colorado	Iowa	Illinois	Michigan	New York	Washington		Total					
California				1					1					
Illinois		2							2					
Iowa			1			1			2					
Michigan	1	1					1		3					
New Jersey	1								1					
South Dakota						1			1					
Wisconsin	2	1							3					
Wyoming					2				2					
Total	4	4	1	1	2	2	1		15					

DAY'S ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

ORIGIN (STATE)	DESTINATION (STATE)													
	Illinois	Iowa	Nebraska	South Dakota	Total									
Illinois		1	2		3									
Indiana		1			1									
Iowa	3	3	1		7									
Michigan				1	1									
Nebraska	2				2									
Wisconsin			1		1									
Total	5	5	4	1	15									

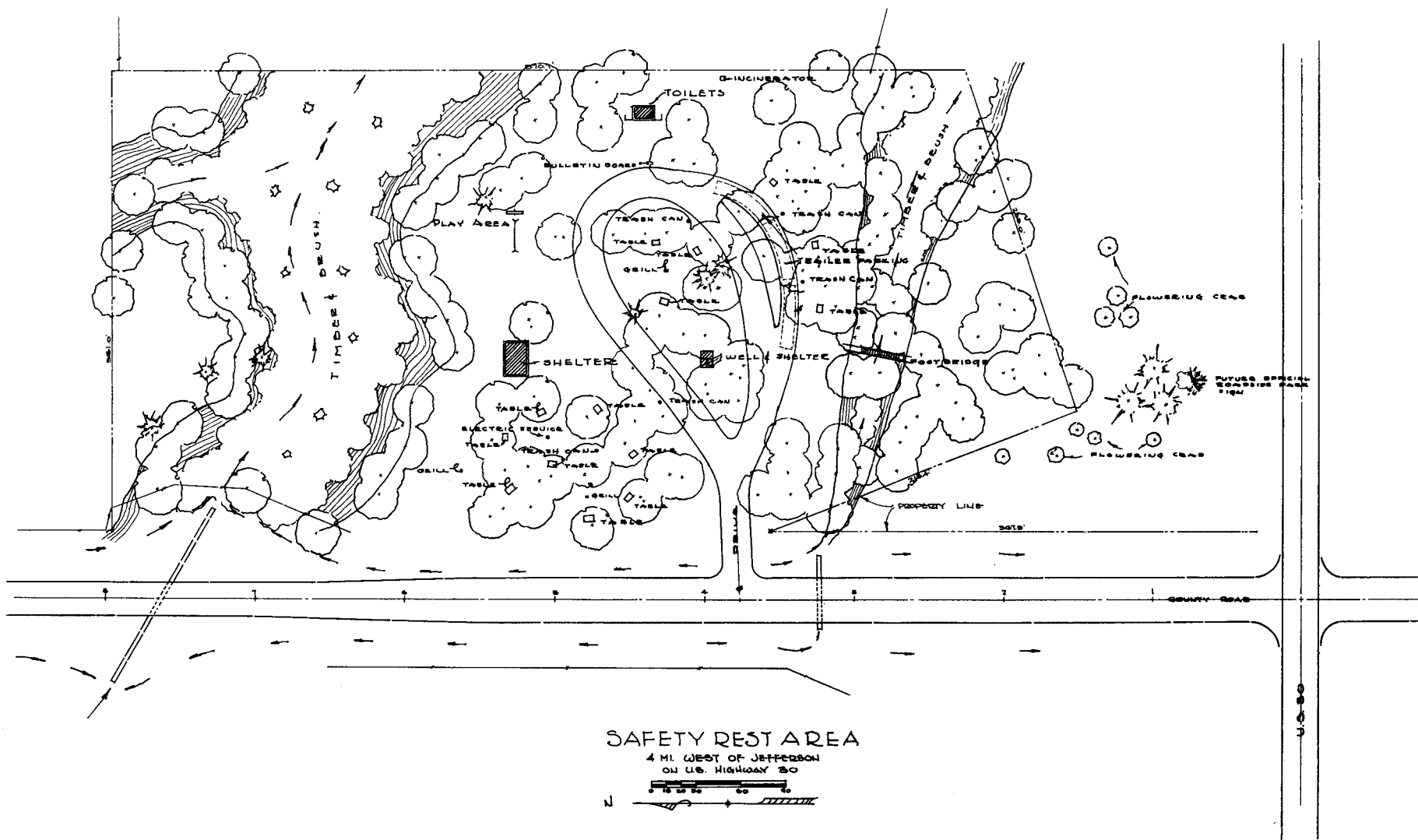


JEFFERSON

Rest Area # 2 is located three miles west of Jefferson on the north side of U.S. 30 in Greene County. Approved as an Iowa State Highway Commission rest area on March 9, 1960, it is furnished and maintained by the Greene County Conservation board. Part of the property on which the area is located is state-owned and the remainder is privately owned.

Facilities include 4 trash containers, 11 tables, 3 fireplaces, 2 rest rooms, 4 electric outlets, lights, water, and a travel information board.

Traffic entering the rest area was interviewed on Thursday, August 23, 1962. Ten passenger cars were interviewed during the sixteen hour interview period from 6 A.M. to 10 P.M. No trucks entered the area during the interview period.



2. Jefferson

TRAFFIC PASSING REST AREA																
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping	TRIP PURPOSE OF VEHICLES STOPPING					REASON FOR STOPPING							
				Work	Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Camp	Check Equip.	Repair	Fish	Boat
6 AM to 10 AM	694	1	0.14		1								1			
10 AM to 2 PM	905	6	0.66	2		1		3	5	1						
2 PM to 6 PM	923	2	0.22			2			1	1						
6 PM to 10 PM	517	1	0.19			1					1					
Total 6 AM to 10 PM	3039	10	0.33	2	1	4		3	6	2	1	1				

2. Jefferson

Time Period	LENGTH OF STAY			VEHICLE OCCUPANCY					
	Vehicles Inter-viewed	Total Time Spent in Area	Average Length of Stay Per Vehicle	Adults	Children (Under 15 Yrs. of Age)	Total Occu-pants	Average Number of Adults per Vehicle	Average Number of Children Per Vehicle	Average Total Occu-pants Per Vehicle
6 AM to 10 AM	1	5 Hrs 5 Min	5 Hrs 5 Min	3		3	3.0		3.0
10 AM to 2 PM	6	2 Hrs 58 Min	30 Min	10	4	14	1.6	0.7	2.3
2 PM to 6 PM	2	54 Min	27 Min	6	5	11	3.0	2.5	5.5
6 PM to 10 PM	1	1 Hr 40 Min	1 Hr 40 Min	1		1	1.0		1.0
Total 6 AM to 10 PM	10	10 Hr 37 Min	1 Hr 4 Min	20	9	29	2.0	0.9	2.9

Time Period	Number of Vehicles	FIRST FACILITY USED BY VEHICLE DRIVER										TOTAL VEHICLE USAGE OF FACILITIES									
		Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*	Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*
6 AM to 10 AM	1																				
10 AM to 2 PM	6		4		2							1	5		5		2				
2 PM to 6 PM	2		1		1								1		1		1				
6 PM to 10 PM	1				1										1		1				
Total 6 AM to 10 PM	10		5		4							1	6		7		4				

* Lake or Historical Marker

2. Jefferson

USERS OPINION OF REST AREA							
Reason for Stopping	Number of Vehicles	Feel Area is Adequate	Feel Area is not Adequate	Need Electric Outlets	Need Picnic Tables	Need Recreation Equipment	Areas Too Far Apart
Eat	6	6					4
Rest	2	2					
Sleep	1	1					
Camp	1	1					1
Fish							
Check Equipment							
Repair							
Boat							
Total	10	10					5

Reason for Stopping	ADDITIONAL FACILITIES REQUESTED									
	Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Swings	Slides	Sandpile	Merry- Go-Round	Teeter- Totter	Wading Pool
Eat										
Rest										
Sleep										
Camp										
Fish										
Check Equipment										
Repair										
Boat										
Total										

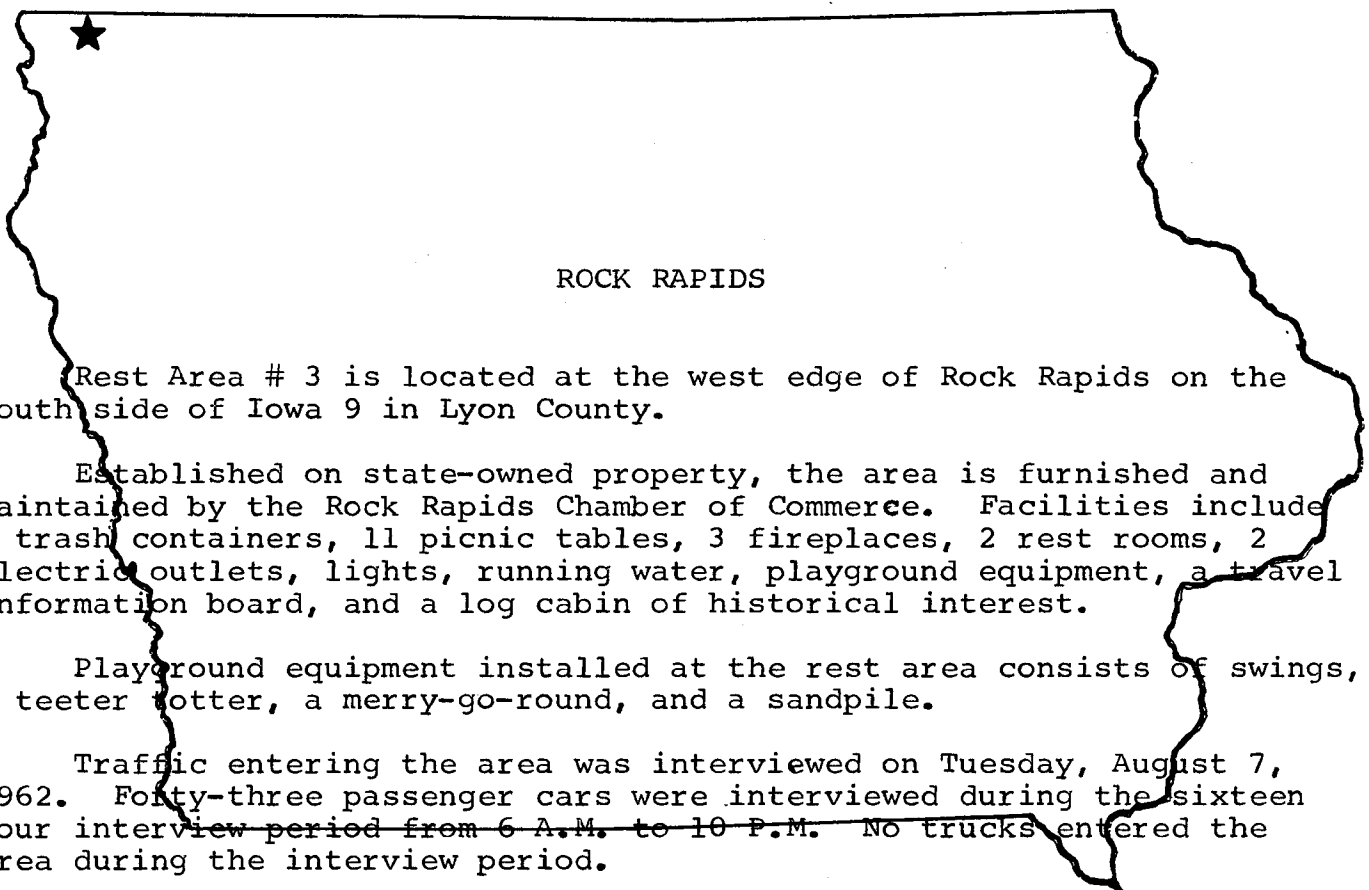
NONE OF THE DRIVERS INTERVIEWED
SUGGESTED ADDITIONAL FACILITIES
BE ADDED TO THIS REST AREA

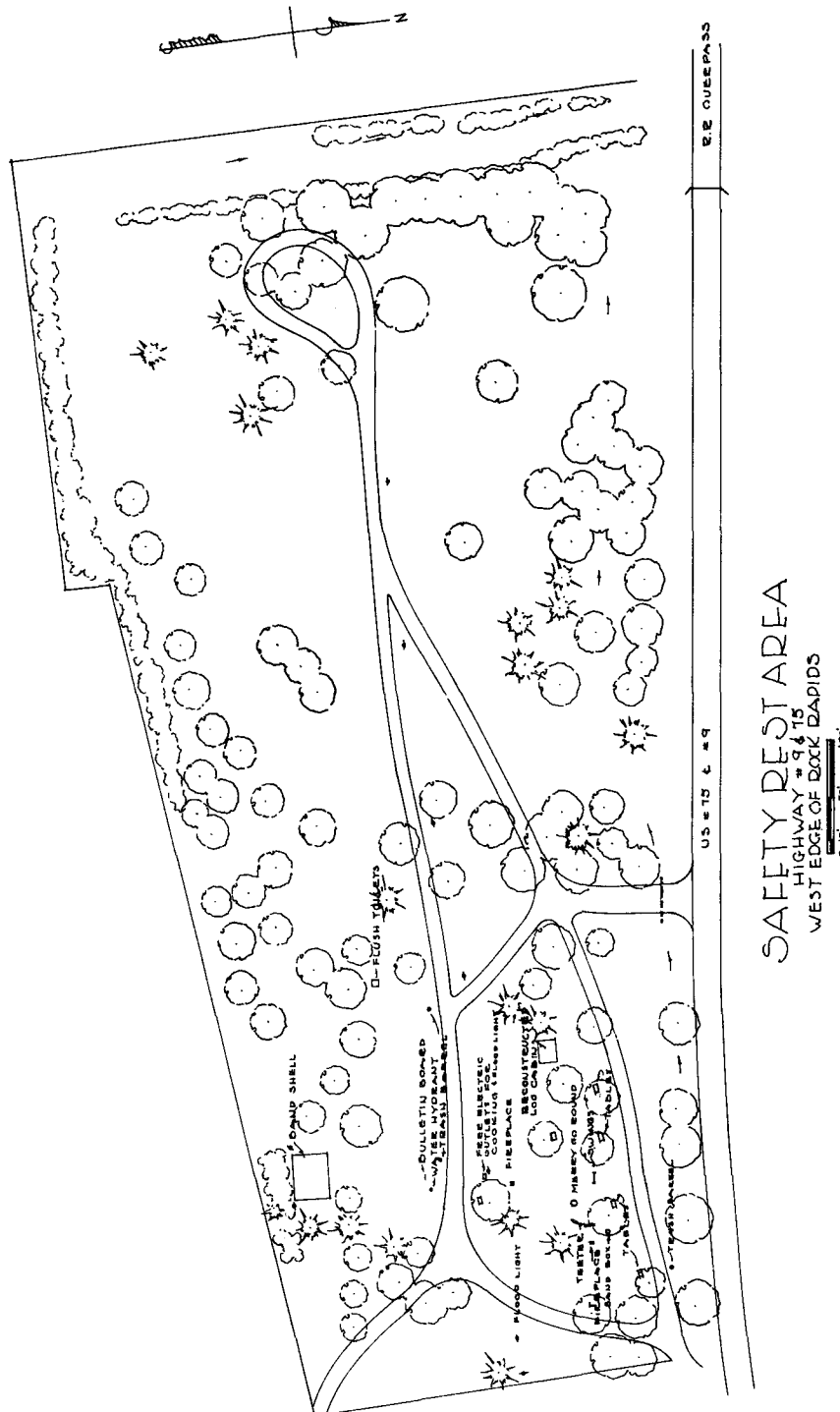
ORIGINAL ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

ORIGIN (STATE)	DESTINATION (STATE)													
	California	Colorado	Illinois	Iowa	Oregon	Wisconsin								
Illinois		1												
Iowa				2										
Massachusetts	1				1									
Michigan	2													
Montana			1											
Nebraska				1										
New Mexico						1								
Total	3	1	1	3	1	1								

DAY'S ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

ORIGIN (STATE)	DESTINATION (STATE)													
	Iowa	Nebraska		Total										
Illinois		1		1										
Iowa	2	4		6										
Nebraska	3			3										
Total	5	5		10										





3. Rock Rapids

TRAFFIC PASSING REST AREA																
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping	TRIP PURPOSE OF VEHICLES STOPPING					REASON FOR STOPPING							
				Work	Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Camp	Check Equip.	Repair	Fish	Boat
6 AM to 10 AM	379	14	3.69	2	3	9			4	8		1		1		
10 AM to 2 PM	513	14	2.73		1	13			11	3						
2 PM to 6 PM	540	9	1.67		1	8			4	5						
6 PM to 10 PM	370	6	1.62	1	1	4			3	2		1				
Total 6 AM to 10 PM	1802	43	2.39	3	6	34			22	18		2		1		

3. Rock Rapids

Time Period	LENGTH OF STAY			VEHICLE OCCUPANCY					
	Vehicles Inter-viewed	Total Time Spent in Area	Average Length of Stay Per Vehicle	Adults	Children (Under 15 Yrs. of Age)	Total Occu-pants	Average Number of Adults per Vehicle	Average Number of Children Per Vehicle	Average Total Occu-pants Per Vehicle
6 AM to 10 AM	14	15 Hr 9 Min	1 Hr 5 Min	33	16	49	2.4	1.1	3.5
10 AM to 2 PM	14	6 Hrs 32 Min	28 Min	31	25	56	2.2	1.8	4.0
2 PM to 6 PM	9	2 Hrs 17 Min	15 Min	20	7	27	2.2	0.8	3.0
6 PM to 10 PM	6	14 Hrs 11 Min	2 Hrs 23 Min	15	8	23	2.5	1.3	3.8
Total 6 AM to 10 PM	43	38 Hrs 9 Min	53 Min	99	56	155	2.3	1.3	3.6

3. Rock Rapids

Time Period	Number of Vehicles	FIRST FACILITY USED BY VEHICLE DRIVER										TOTAL VEHICLE USAGE OF FACILITIES									
		Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*	Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*
6 AM to 10 AM	14		4		5		1		1			3	6		11	1	5	5	2		
10 AM to 2 PM	14		8		2		3					8	11		8		9	3	2		
2 PM to 6 PM	9		4		1		4						4		3		5	1			
6 PM to 10 PM	6				2		4						3		3		3	1			
Total 6 AM to 10 PM	43		16		10		12		1			11	24		25	1	22	10	4		

* Lake or Historical Marker

3. Rock Rapids

USERS OPINION OF REST AREA							
Reason for Stopping	Number of Vehicles	Feel Area is Adequate	Feel Area is not Adequate	Need Electric Outlets	Need Picnic Tables	Need Recreation Equipment	Areas Too Far Apart
Eat	22	22					1
Rest	18	18					1
Sleep							
Camp	2	2					
Fish							
Check Equipment	1	1					
Repair							
Boat							
Total	43	43					2

3. Rock Rapids

Reason for Stopping	ADDITIONAL FACILITIES REQUESTED									
	Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Swings	Slides	Sandpile	Merry- Go-Round	Teeter- Totter	Wading Pool
Eat										
Rest										
Sleep										
Camp										
Fish										
Check Equipment										
Repair			1							
Boat										
Total			1							

ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

DESTINATION (STATE)

ORIGIN (STATE)	DESTINATION (STATE)																			
	Winnepeg Canada	Connecticut	Indiana	Iowa	Kansas	Minnesota	Montana	Nebraska	New York	Ohio	Pennsylvania	South Dakota	Washington	Wyoming	Total					
Arizona				1											1					
California	1														1					
Winnepeg Canada					1										1					
Colorado				1		1									2					
Illinois												2			2					
Iowa				3								6		2	11					
Kansas	1														1					
Kentucky							1								1					
Michigan												1		1	2					
Minnesota				2				1							3					
Nebraska						1									1					
New Jersey														2	2					
New York												1			1					
Ohio													1		1					
Pennsylvania													3	1	4					
South Dakota		1		3											4					
Washington			1						2						3					
Wyoming										1	1				2					
Total	2	1	1	10	1	2	1	1	2	1	1	10	4	6	43					

ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED	
	DESTINATION (STATE)
1	ALABAMA
2	ALASKA
3	ARIZONA
4	ARKANSAS
5	CALIFORNIA
6	COLORADO
7	CONNECTICUT
8	DELAWARE
9	FLORIDA
10	GEORGIA
11	ILLINOIS
12	INDIANA
13	IOWA
14	KANSAS
15	KENTUCKY
16	LOUISIANA
17	MAINE
18	MARYLAND
19	MASSACHUSETTS
20	MICHIGAN
21	MINNESOTA
22	MISSISSIPPI
23	MISSOURI
24	MONTANA
25	NEBRASKA
26	NEVADA
27	NEW HAMPSHIRE
28	NEW JERSEY
29	NEW MEXICO
30	NEW YORK
31	NORTH CAROLINA
32	NORTH DAKOTA
33	OHIO
34	OKLAHOMA
35	OREGON
36	PENNSYLVANIA
37	RHODE ISLAND
38	SOUTH CAROLINA
39	SOUTH DAKOTA
40	TENNESSEE
41	TEXAS
42	UTAH
43	VERMONT
44	VIRGINIA
45	WASHINGTON
46	WEST VIRGINIA
47	WISCONSIN
48	WYOMING
49	ALL OTHERS
50	UNKNOWN

[illegible]



JASPER COUNTY

Rest Area # 4 is located 4 miles northeast of the Junction of U.S. 65, Iowa 64, and Iowa 117 on the east side of Iowa 64 in Jasper County.

Established on state-owned property and approved as an Iowa State Highway Commission rest area on February 22, 1956, it is furnished and maintained by the Collins Garden Club. Facilities include 3 trash containers, 3 picnic tables, a fireplace, 2 rest rooms, an electric outlet, lights, and playground equipment consisting of swings and a sandpile.

Traffic entering the area was interviewed on Friday, August 17, 1962. Sixteen passenger cars were interviewed during the sixteen hour interview period from 6 A.M. to 10 P.M. No trucks entered the area during the interview period.

TRAFFIC PASSING REST AREA																
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping	TRIP PURPOSE OF VEHICLES STOPPING					REASON FOR STOPPING							
				Work	Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Camp	Check Equip.	Repair	Fish	Boat
6 AM to 10 AM	534	3	0.56		2	1			2	1						
10 AM to 2 PM	681	4	0.59		1	1	2		2	1			1			
2 PM to 6 PM	773	8	1.03	2	3	3			4	3			1			
6 PM to 10 PM	515	1	0.19			1			1							
Total 6 AM to 10 PM	2503	16	0.64	2	6	6	2		9	5			2			

4. Jasper County

Time Period	LENGTH OF STAY			VEHICLE OCCUPANCY					
	Vehicles Inter-viewed	Total Time Spent in Area	Average Length of Stay Per Vehicle	Adults	Children (Under 15 Yrs. of Age)	Total Occu-pants	Average Number of Adults per Vehicle	Average Number of Children Per Vehicle	Average Total Occu-pants Per Vehicle
6 AM to 10 AM	3	2 Hrs 3 Min	41 Min	8	7	15	2.7	2.3	5.0
10 AM to 2 PM	4	1 Hr 28 Min	22 Min	7	7	14	1.8	1.8	3.6
2 PM to 6 PM	8	5 Hrs 28 Min	41 Min	14	8	22	1.8	1.0	2.8
6 PM to 10 PM	1	31 Min	31 Min	2		2	2.0		2.0
Total 6 AM to 10 PM	16	9 Hrs 30 Min	36 Min	31	22	53	1.9	1.4	3.3

4. Jasper County

Time Period	Number of Vehicles	FIRST FACILITY USED BY VEHICLE DRIVER										TOTAL VEHICLE USAGE OF FACILITIES									
		Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*	Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*
6 AM to 10 AM	3	1	2									2	2		1						
10 AM to 2 PM	4		2									1	2								
2 PM to 6 PM	8		4		1							3	4		5			2			
6 PM to 10 PM	1		1									1	1		1						
Total 6 AM to 10 PM	16	1	9		1							7	9		7			2			

* Lake or Historical Marker

4. Jasper County

USERS OPINION OF REST AREA							
Reason for Stopping	Number of Vehicles	Feel Area is Adequate	Feel Area is not Adequate	Need Electric Outlets	Need Picnic Tables	Need Recreation Equipment	Areas Too Far Apart
Eat	9	2	7				4
Rest	5	4	1				3
Sleep							
Camp							
Fish							
Check Equipment	2	2					1
Repair							
Boat							
Total	16	8	8				8

4. Jasper County

Reason for Stopping	ADDITIONAL FACILITIES REQUESTED									
	Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Swings	Slides	Sandpile	Merry- Go-Round	Teeter- Totter	Wading Pool
Eat		7	1							
Rest		1								
Sleep										
Camp										
Fish										
Check Equipment										
Repair										
Boat										
Total		8	1							

ORIGINAL ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

ORIGIN (STATE)	DESTINATION (STATE)														
	Illinois	Iowa	Nebraska	New York	Ohio	Wisconsin									
California		1		1											
Iowa		8			1										
Louisiana	1														
Missouri		1													
Wisconsin			1												
Wyoming	1					1									
Total	2	10	1	1	1	1									

DAY'S ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

ORIGIN (STATE)	DESTINATION (STATE)														
	Illinois	Iowa	Wisconsin		Total										
Iowa	1	10	1		12										
Kansas	1	1			2										
Missouri		1			1										
Wisconsin		1			1										
Total	2	13	1		16										



EXIRA

Rest Area # 5 is located 2 miles south of Exira on the west side of U.S. 71 in Audubon County. Established on privately-owned property, the area was approved as an Iowa State Highway Commission rest area on April 29, 1958, and is furnished and maintained by the Exira Garden Club. Facilities include 3 trash containers, 4 picnic tables, 3 fireplaces with woodboxes, 2 rest rooms, 4 electric outlets, lights, and water.

Traffic entering the area was interviewed on Wednesday, August 22, 1962. Sixteen passenger cars were interviewed during the sixteen hour interview period from 6 A.M. to 10 P.M. No trucks entered the rest area during the interview period.

TRAFFIC PASSING REST AREA																
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping	TRIP PURPOSE OF VEHICLES STOPPING					REASON FOR STOPPING							
				Work	Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Camp	Check Equip.	Repair	Fish	Boat
6 AM to 10 AM	356	4	1.12		1	3			3	1						
10 AM to 2 PM	468	6	1.28	2		2	2			6						
2 PM to 6 PM	515	3	0.58		2	1			1	2						
6 PM to 10 PM	317	3	0.95		3				2	1						
Total 6 AM to 10 PM	1656	16	0.97	2	6	6	2		6	10						

Time Period	LENGTH OF STAY			VEHICLE OCCUPANCY					
	Vehicles Inter-viewed	Total Time Spent in Area	Average Length of Stay Per Vehicle	Adults	Children (Under 15 Yrs. of Age)	Total Occu-pants	Average Number of Adults per Vehicle	Average Number of Children Per Vehicle	Average Total Occu-pants Per Vehicle
6 AM to 10 AM	4	59 Min	15 Min	9	3	12	2.3	0.7	3.0
10 AM to 2 PM	6	1 Hr 28 Min	15 Min	12	1	13	2.0	0.2	2.2
2 PM to 6 PM	3	51 Min	17 Min	8	3	11	2.7	1.0	3.7
6 PM to 10 PM	3	2 Hrs 20 Min	47 Min	24	1	25	8.0	0.3	8.3
Total 6 AM to 10 PM	16	5 Hrs 38 Min	21 Min	53	8	61	3.3	0.5	3.8

Time Period	Number of Vehicles	FIRST FACILITY USED BY VEHICLE DRIVER										TOTAL VEHICLE USAGE OF FACILITIES									
		Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*	Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*
6 AM to 10 AM	4	2	1								1	2	2		1						1
10 AM to 2 PM	6						2				2						2				2
2 PM to 6 PM	3					1									1	1					
6 PM to 10 PM	3		1				1				1		2	1	1	1					1
Total 6 AM to 10 PM	16	2	2			1	3				4	2	5	1	2	2	3				4

* Lake or Historical Marker

USERS OPINION OF REST AREA							
Reason for Stopping	Number of Vehicles	Feel Area is Adequate	Feel Area is not Adequate	Need Electric Outlets	Need Picnic Tables	Need Recreation Equipment	Areas Too Far Apart
Eat	6	6					2
Rest	10	10					4
Sleep							
Camp							
Fish							
Check Equipment							
Repair							
Boat							
Total	16	16					6

Reason for Stopping	ADDITIONAL FACILITIES REQUESTED									
	Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Swings	Slides	Sandpile	Merry- Go-Round	Teeter- Totter	Wading Pool
Eat										
Rest										
Sleep										
Camp										
Fish										
Check Equipment										
Repair										
Boat										
Total										

NONE OF THE DRIVERS INTERVIEWED
SUGGESTED ADDITIONAL FACILITIES
BE ADDED TO THIS REST AREA

ORIGINAL ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

ORIGIN (STATE)	DESTINATION (STATE)													
	Iowa	Kansas	Missouri	South Dakota	Washington	Wisconsin	Total							
Lake Woods, Canada		1					1							
Iowa	9			1			10							
Minnesota	1		1				2							
New Jersey					1		1							
South Dakota	1						1							
Washington						1	1							
Total	11	1	1	1	1	1	16							

DAY'S ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

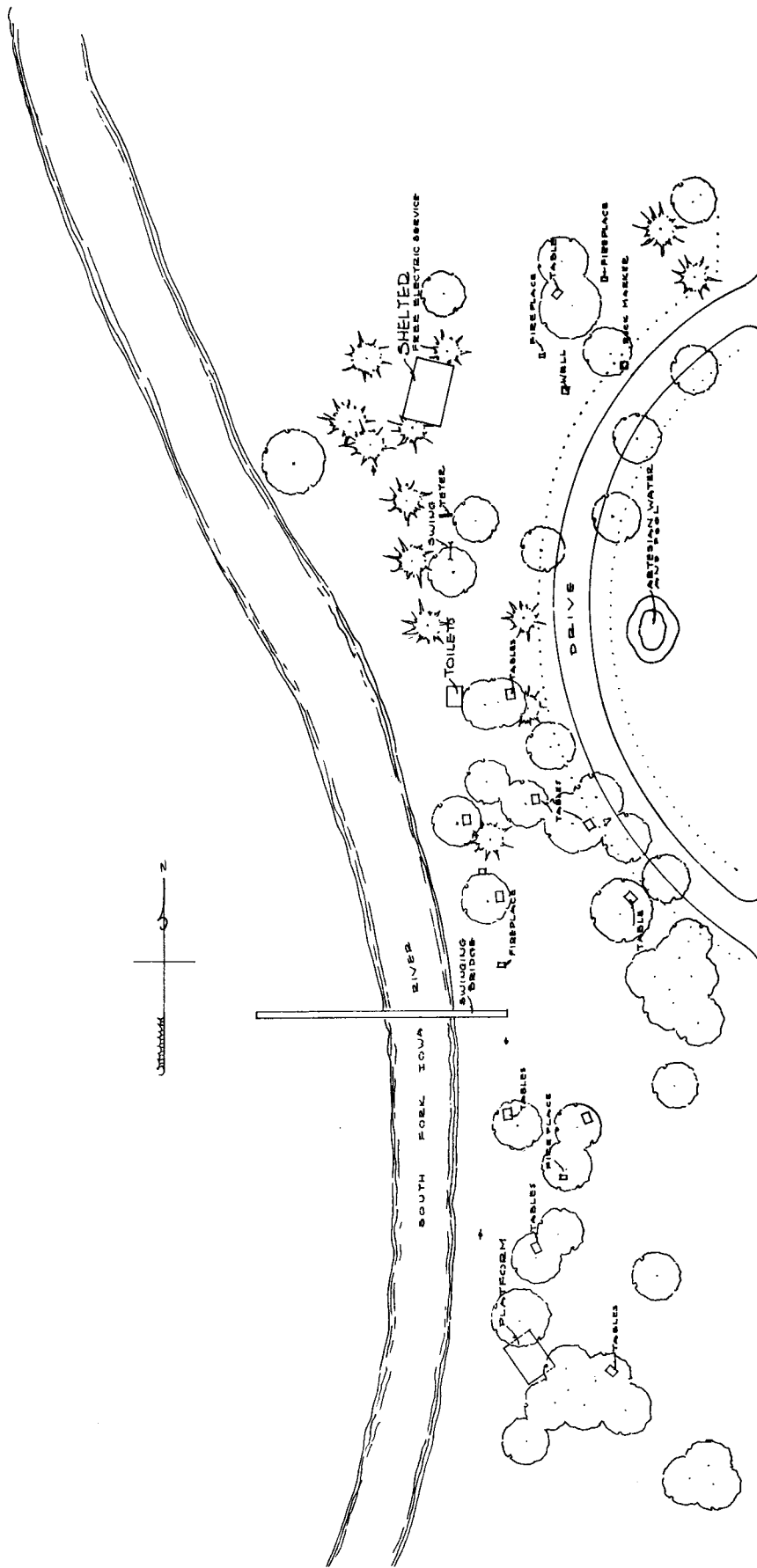
ORIGIN (STATE)	DESTINATION (STATE)													
	Colorado	Iowa	Kansas	Missouri	South Dakota	Wisconsin	Total							
Iowa	1	10	1		1		13							
Minnesota		1		1			2							
Nebraska						1	1							
Total	1	11	1	1	1	1	16							



IOWA FALLS

Rest Area # 6 is located 9 miles south of Iowa Falls on the west side of U.S. 65 in Hardin County. The area is a roadside improvement project established in 1934 on state-owned property. Facilities include 5 trash containers, 11 picnic tables, 6 fireplaces, 2 rest rooms, 2 electric outlets, lights, water, playground equipment, and a shelter with 4 tables. The area has an artesian well with a pond, and a foot bridge. Playground equipment consists of a teeter-totter and swings.

Traffic entering the rest area was interviewed on Friday, August 24, 1962. Twenty-one passenger cars and four trucks were interviewed during the sixteen hour interview period from 6 A.M. to 10 P.M.



SAFETY REST AREA
HIGHWAY #65
9 MILES SOUTH OF IOWA FALLS W. SIDE

Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping	TRIP PURPOSE OF VEHICLES STOPPING					REASON FOR STOPPING							
				Work	Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Camp	Check Equip.	Repair	Fish	Boat
6 AM to 10 AM	476	5	1.05	1	1	2		1	2	1			2			
10 AM to 2 PM	525	9	1.71	3	2	3	1		5	3			1			
2 PM to 6 PM	558	9	1.61	4	2	1	2			5	1	1		2		
6 PM to 10 PM	288	2	0.69		2					1				1		
Total 6 AM to 10 PM	1847	25	1.35	8	7	6	3	1	7	10	1	1	3	3		

6. Iowa Falls

Time Period	LENGTH OF STAY			VEHICLE OCCUPANCY					
	Vehicles Inter-viewed	Total Time Spent in Area	Average Length of Stay Per Vehicle	Adults	Children (Under 15 Yrs. of Age)	Total Occu-pants	Average Number of Adults per Vehicle	Average Number of Children Per Vehicle	Average Total Occu-pants Per Vehicle
6 AM to 10 AM	5	2 Hrs 4 Min	25 Min	8	3	11	1.6	0.6	2.2
10 AM to 2 PM	9	2 Hrs 15 Min	15 Min	24	6	30	2.7	0.7	3.4
2 PM to 6 PM	9	18 Hrs 8 Min	2 Hrs 1 Min	17	10	27	1.9	1.1	3.0
6 PM to 10 PM	2	15 Min	8 Min	4	1	5	2.0	0.5	2.5
Total 6 AM to 10 PM	25	22 Hrs 42 Min	54 Min	53	20	73	2.1	0.8	2.9

Time Period	Number of Vehicles	FIRST FACILITY USED BY VEHICLE DRIVER										TOTAL VEHICLE USAGE OF FACILITIES									
		Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*	Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*
6 AM to 10 AM	5				1					2		1	2		1					2	
10 AM to 2 PM	9		1		1					3		1	1		2		1			3	
2 PM to 6 PM	9				4							1	1	1	4		1	1		1	
6 PM to 10 PM	2				1										1						
Total 6 AM to 10 PM	25		1		7					5		3	4	1	8		2	1		6	

* Lake or Historical Marker

6. Iowa Falls

USERS OPINION OF REST AREA							
Reason for Stopping	Number of Vehicles	Feel Area is Adequate	Feel Area is not Adequate	Need Electric Outlets	Need Picnic Tables	Need Recreation Equipment	Areas Too Far Apart
Eat	7	7					1
Rest	10	10					
Sleep	1	1					
Camp	1	1					
Fish							
Check Equipment	3	3					2
Repair	3	3					
Boat							
Total	25	25					3

6. Iowa Falls

Reason for Stopping	ADDITIONAL FACILITIES REQUESTED									
	Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Swings	Slides	Sandpile	Merry- Go-Round	Teeter- Totter	Wading Pool
Eat										
Rest										
Sleep										
Camp										
Fish										
Check Equipment										
Repair										
Boat										
Total										

NONE OF THE DRIVERS INTERVIEWED
SUGGESTED ADDITIONAL FACILITIES
BE ADDED TO THIS REST AREA

ORIGINAL ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

ORIGIN (STATE)	DESTINATION (STATE)													
	Illinois	Iowa	Kansas	Minnesota	Missouri	Ohio		Total						
Hawaii	1							1						
Iowa		14		2	1			17						
Minnesota		3	1					4						
Missouri		1						1						
New York		1						1						
Wyoming						1		1						
Total	1	19	1	2	1	1		25						

DAY'S ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

ORIGIN (STATE)	DESTINATION (STATE)													
	Illinois	Iowa	Kansas	Minnesota	Missouri		Total							
Iowa	1	17		2	1		21							
Minnesota		2	1				3							
Missouri		1					1							
Total	1	20	1	2	1		25							



TAMA

Rest Area # 7 is located at the east edge of Tama on the south side of U.S. 30 in Tama County. Established on state-owned property, the area is furnished and maintained by the Octagon Club of Tama and the Tama Garden Club. It was approved as an Iowa State Highway Commission rest area on February 19, 1940. Facilities include 5 trash containers, 6 picnic tables, a fireplace, 2 rest rooms, lights, and city water. During the summer months, a travel information service is operated in a teepee in the area.

Traffic entering the rest area was interviewed on Wednesday, August 15, 1962. Thirty-nine passenger cars and one truck were interviewed during the sixteen hour interview period from 6 A.M. to 10 P.M.

TRAFFIC PASSING REST AREA

Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping	TRIP PURPOSE OF VEHICLES STOPPING					REASON FOR STOPPING							
				Work	Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Camp	Check Equip.	Repair	Fish	Boat
6 AM to 10 AM	1140	7	0.61			7			3			4				
10 AM to 2 PM	1839	18	0.98	2	2	13		1	13	5						
2 PM to 6 PM	1817	12	0.66	3	1	7		1	6	6						
6 PM to 10 PM	1331	3	0.23			3			1			2				
Total 6 AM to 10 PM	6127	40	0.65	5	3	30		2	23	11		6				

Time Period	LENGTH OF STAY			VEHICLE OCCUPANCY					
	Vehicles Inter-viewed	Total Time Spent in Area	Average Length of Stay Per Vehicle	Adults	Children (Under 15 Yrs. of Age)	Total Occu-pants	Average Number of Adults per Vehicle	Average Number of Children Per Vehicle	Average Total Occu-pants Per Vehicle
6 AM to 10 AM	7	38 Hrs 6 Min	5 Hrs 27 Min	21	8	29	3.0	1.1	4.1
10 AM to 2 PM	18	8 Hrs 30 Min	28 Min	49	16	65	2.7	0.9	3.6
2 PM to 6 PM	12	5 Hrs 40 Min	28 Min	20	8	28	1.7	0.7	2.4
6 PM to 10 PM	3	10 Hrs 54 Min	3 Hrs 38 Min	6	3	9	2.0	1.0	3.0
Total 6 AM to 10 PM	40	63 Hrs 10 Min	1 Hr 35 Min	96	35	131	2.4	0.9	3.3

Time Period	Number of Vehicles	FIRST FACILITY USED BY VEHICLE DRIVER										TOTAL VEHICLE USAGE OF FACILITIES									
		Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*	Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*
6 AM to 10 AM	7				7							2	5	3	7		5				
10 AM to 2 PM	18		11		1		1					8	12		9		3				
2 PM to 6 PM	12		4		6							3	4		8		6				
6 PM to 10 PM	3		1		2								1		2		2				
Total 6 AM to 10 PM	40		16		16		1					13	22	3	26		16				

* Lake or Historical Marker

USERS OPINION OF REST AREA							
Reason for Stopping	Number of Vehicles	Feel Area is Adequate	Feel Area is not Adequate	Need Electric Outlets	Need Picnic Tables	Need Recreation Equipment	Areas Too Far Apart
Eat	23	21	2	2	1	1	6
Rest	11	10	1	1		1	3
Sleep							
Camp	6	5	1	1			3
Fish							
Check Equipment							
Repair							
Boat							
Total	40	36	4	4	1	2	12

Reason for Stopping	ADDITIONAL FACILITIES REQUESTED									
	Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Swings	Slides	Sandpile	Merry- Go-Round	Teeter- Totter	Wading Pool
Eat					1			1	1	
Rest					1		1		1	
Sleep										
Camp			1							
Fish										
Check Equipment										
Repair										
Boat										
Total			1		2		1	1	2	

7. Tama

[illegible]

(Day's)

ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED	
	DESTINATION (STATE)
1	ALABAMA
2	ALASKA
3	ARIZONA
4	ARKANSAS
5	CALIFORNIA
6	COLORADO
7	CONNECTICUT
8	DELAWARE
9	FLORIDA
10	GEORGIA
11	ILLINOIS
12	INDIANA
13	IOWA
14	KANSAS
15	KENTUCKY
16	LOUISIANA
17	MAINE
18	MARYLAND
19	MASSACHUSETTS
20	MICHIGAN
21	MINNESOTA
22	MISSISSIPPI
23	MISSOURI
24	MONTANA
25	NEBRASKA
26	NEVADA
27	NEW HAMPSHIRE
28	NEW JERSEY
29	NEW MEXICO
30	NEW YORK
31	NORTH CAROLINA
32	NORTH DAKOTA
33	OHIO
34	OKLAHOMA
35	OREGON
36	PENNSYLVANIA
37	RHODE ISLAND
38	SOUTH CAROLINA
39	SOUTH DAKOTA
40	TENNESSEE
41	TEXAS
42	UTAH
43	VERMONT
44	VIRGINIA
45	WASHINGTON
46	WEST VIRGINIA
47	WISCONSIN
48	WYOMING
49	ALL OTHERS
50	TOTAL

Tama.

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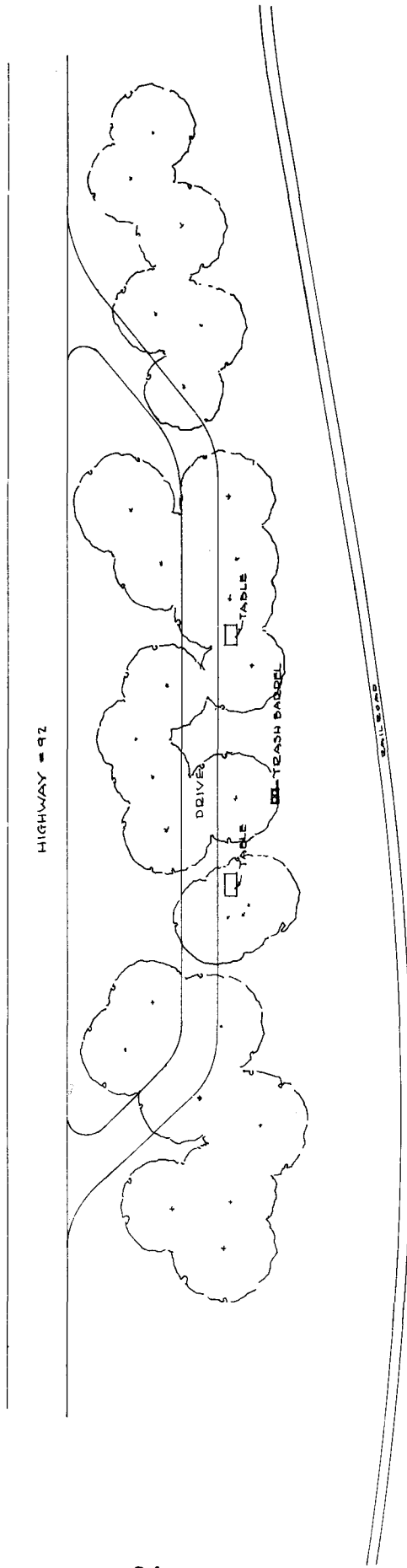
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GREENFIELD

Rest Area # 8 is located 1 mile west of Greenfield on the south side of Iowa 92 in Adair County. The area is a roadside improvement project established on state-owned property. Facilities include 2 trash containers, 2 picnic tables, and a fireplace.

Traffic entering the rest area was interviewed on Tuesday, August 21, 1962. Ten passenger cars were interviewed during the sixteen hour interview period from 6 A.M. to 10 P.M. No trucks entered the area during the interview period. ★



SAFETY REST AREA

HIGHWAY #92
1 MILE WEST OF GREENFIELD



TRAFFIC PASSING REST AREA																
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping	TRIP PURPOSE OF VEHICLES STOPPING					REASON FOR STOPPING							
				Work	Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Camp	Check Equip.	Repair	Fish	Boat
6 AM to 10 AM	344	3	0.87			3			1	2						
10 AM to 2 PM	505	4	0.79	1	1	1		1	3	1						
2 PM to 6 PM	542	2	0.37	1	1				1				1			
6 PM to 10 PM	360	1	0.28			1			1							
Total 6 AM to 10 PM	1751	10	0.57	2	2	5		1	6	3			1			

8. Greenfield

Time Period	LENGTH OF STAY			VEHICLE OCCUPANCY					
	Vehicles Inter-viewed	Total Time Spent in Area	Average Length of Stay Per Vehicle	Adults	Children (Under 15 Yrs. of Age)	Total Occu-pants	Average Number of Adults per Vehicle	Average Number of Children Per Vehicle	Average Total Occu-pants Per Vehicle
6 AM to 10 AM	3	39 Min	13 Min	6		6	2.0		2.0
10 AM to 2 PM	4	1 Hr 28 Min	22 Min	8	1	9	2.0	0.3	2.3
2 PM to 6 PM	2	19 Min	10 Min	5		5	2.5		2.5
6 PM to 10 PM	1	12 Min	12 Min	1		1	1.0		1.0
Total 6 AM to 10 PM	10	2 Hrs 38 Min	16 Min	20	1	21	2.0	0.1	2.1

8. Greenfield

Time Period	Number of Vehicles	FIRST FACILITY USED BY VEHICLE DRIVER										TOTAL VEHICLE USAGE OF FACILITIES									
		Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*	Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*
6 AM to 10 AM	3	2	1									3	1								
10 AM to 2 PM	4		2									3	2								
2 PM to 6 PM	2		1										1								
6 PM to 10 PM	1		1										1								
Total 6 AM to 10 PM	10	2	5									6	5								

* Lake or Historical Marker

8. Greenfield

USERS OPINION OF REST AREA							
Reason for Stopping	Number of Vehicles	Feel Area is Adequate	Feel Area is not Adequate	Need Electric Outlets	Need Picnic Tables	Need Recreation Equipment	Areas Too Far Apart
Eat	6	2	4		1	1	4
Rest	3		3				
Sleep							
Camp							
Fish							
Check Equipment	1		1				
Repair							
Boat							
Total	10	2	8		1	1	4

8. Greenfield

Reason for Stopping	ADDITIONAL FACILITIES REQUESTED									
	Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Swings	Slides	Sandpile	Merry- Go-Round	Teeter- Totter	Wading Pool
Eat	3	2	1		1		1			
Rest	3	1								
Sleep										
Camp										
Fish										
Check Equipment	1	1								
Repair										
Boat										
Total	7	4	1		1		1			

ORIGINAL ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

ORIGIN (STATE)	DESTINATION (STATE)													
	Colorado	Illinois	Iowa	Ohio	Total									
Colorado		1			1									
Iowa	2		5		7									
Nebraska				1	1									
Ohio	1				1									
Total	3	1	5	1	10									

DAY'S ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

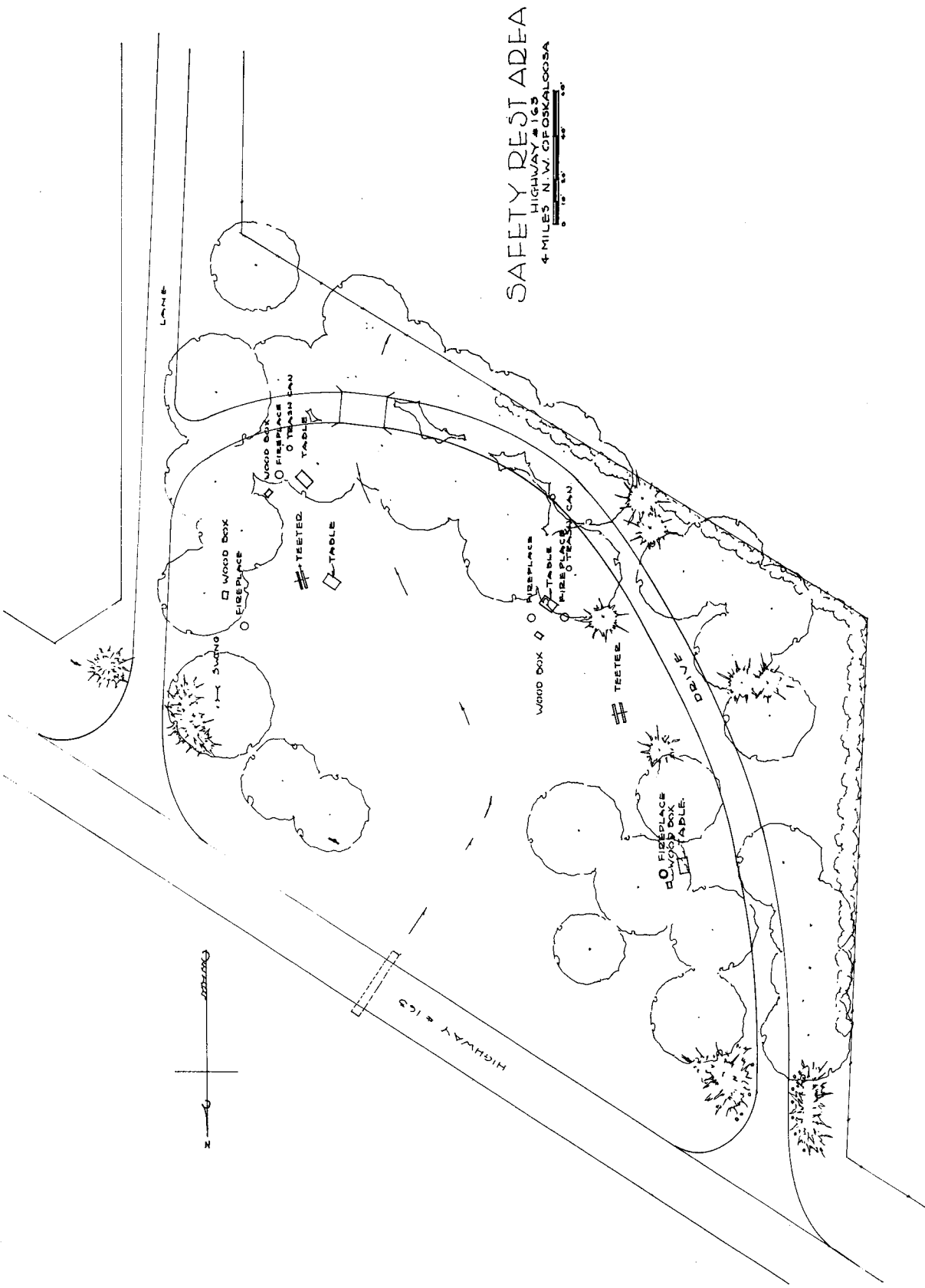
ORIGIN (STATE)	DESTINATION (STATE)													
	Illinois	Iowa	Nebraska	Total										
Illinois			1	1										
Iowa		5	2	7										
Nebraska	2			2										
Total	2	5	3	10										



OSKALOOSA

Rest Area # 9 is located 4 miles northwest of Oskaloosa on the southwest side of Iowa 163 in Mahaska County. The area is a roadside improvement project established on state-owned property. Facilities include 4 trash containers, 4 picnic tables, 4 fireplaces with wood boxes, and playground equipment consisting of 2 teeter-totters and a swing.

Traffic entering the area was interviewed [★] on Tuesday, August 28, 1962. Twenty passenger cars and one truck were interviewed during the sixteen hour interview period from 6 A.M. to 10 P.M.



9. Uskaloosa

TRAFFIC PASSING REST AREA																
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping	TRIP PURPOSE OF VEHICLES STOPPING					REASON FOR STOPPING							
				Work	Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Camp	Check Equip.	Repair	Fish	Boat
6 AM to 10 AM	523	5	0.96		5				3	2						
10 AM to 2 PM	645	8	1.24	3	1	2		2	2	5	1					
2 PM to 6 PM	834	4	0.48		3			1	4							
6 PM to 10 PM	692	4	0.58		3	1			4							
Total 6 AM to 10 PM	2694	21	0.78	3	12	3		3	13	7	1					

9. Oskaloosa

Time Period	LENGTH OF STAY			VEHICLE OCCUPANCY					
	Vehicles Inter-viewed	Total Time Spent in Area	Average Length of Stay Per Vehicle	Adults	Children (Under 15 Yrs. of Age)	Total Occu-pants	Average Number of Adults per Vehicle	Average Number of Children Per Vehicle	Average Total Occu-pants Per Vehicle
6 AM to 10 AM	5	2 Hrs 41 Min	32 Min	13		13	2.6		2.6
10 AM to 2 PM	8	2 Hrs 53 Min	22 Min	10	4	14	1.3	0.5	1.8
2 PM to 6 PM	4	3 Hrs 35 Min	54 Min	18	4	22	4.5	1.0	5.5
6 PM to 10 PM	4	3 Hrs 15 Min	49 Min	17	7	24	4.3	1.8	6.1
Total 6 AM to 10 PM	21	12 Hrs 24 Min	35 Min	58	15	73	2.8	0.7	3.5

9. Oskaloosa

Time Period	Number of Vehicles	FIRST FACILITY USED BY VEHICLE DRIVER										TOTAL VEHICLE USAGE OF FACILITIES									
		Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*	Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*
6 AM to 10 AM	5		3									1	3	1							
10 AM to 2 PM	8	1	2									1	2					1			
2 PM to 6 PM	4		4									2	4					1			
6 PM to 10 PM	4	1	3									2	3								
Total 6 AM to 10 PM	21	2	12									6	12	1				1			

* Lake or Historical Marker

USERS OPINION OF REST AREA							
Reason for Stopping	Number of Vehicles	Feel Area is Adequate	Feel Area is not Adequate	Need Electric Outlets	Need Picnic Tables	Need Recreation Equipment	Areas Too Far Apart
Eat	13	10	3				3
Rest	7	3	4				1
Sleep	1		1				1
Camp							
Fish							
Check Equipment							
Repair							
Boat							
Total	21	13	8				5

9. Oskaloosa

Reason for Stopping	ADDITIONAL FACILITIES REQUESTED									
	Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Swings	Slides	Sandpile	Merry- Go-Round	Teeter- Totter	Wading Pool
Eat	2	2								
Rest	4	2								
Sleep	1									
Camp										
Fish										
Check Equipment										
Repair										
Boat										
Total	7	4								

ORIGINAL ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

ORIGIN (STATE)	DESTINATION (STATE)													
	Alberta Canada	Dist. Columbia	Florida	Illinois	Iowa	Minnesota	Missouri		Total					
Illinois					1				1					
Indiana					1				1					
Iowa		1		3	6	1	3		14					
Kansas					1				1					
Minnesota			1						1					
Missouri					2				2					
New York	1								1					
Total	1	1	1	3	11	1	3		21					

DAY'S ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

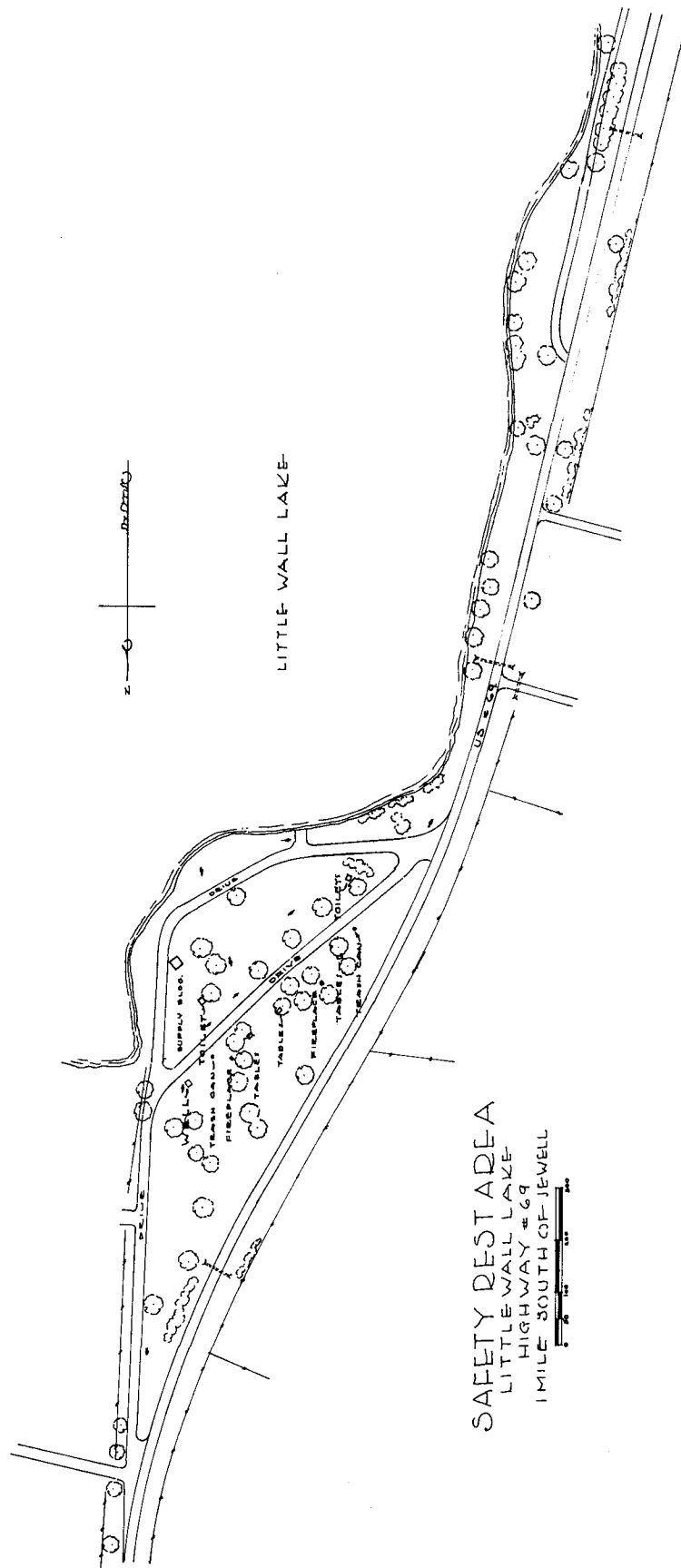
ORIGIN (STATE)	DESTINATION (STATE)													
	Dist Columbia	Illinois	Iowa	Minnesota	Missouri	Tennessee		Total						
Illinois			1	1				2						
Iowa	1	3	7	1	3			15						
Minnesota						1		1						
Missouri			2					2						
Nebraska			1					1						
Total	1	3	11	2	3	1		21						



JEWELL

Rest Area # 10 is located 1 ½ miles south of Jewell on the east side of U.S. 69 in Hamilton County. The rest area is on the northwest shore of Little Wall Lake and enjoys more extensive use as a local recreational area than perhaps any of the other roadside parks included in this study. Established in 1951 by the Little Wall Lake Sportsman's Club on state-owned property, it has been furnished and maintained by the Hamilton County Conservation Board since June 7, 1961 when it was approved as an Iowa State Highway Commission Rest Area. Facilities include 9 trash containers, 13 picnic tables, 4 fireplaces, 2 rest rooms, and water. A boat dock is also provided.

Traffic entering the Rest Area was interviewed on Thursday, August 30, 1962. Thirty-nine passenger cars were interviewed during the sixteen hour interview period from 6 A.M. to 10 P.M. No trucks entered the area during the interview period.



SAFETY REST AREA
LITTLE WALL LAKE
HIGHWAY #69
1 MILE SOUTH OF JEWELL

TRAFFIC PASSING REST AREA																
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping	TRIP PURPOSE OF VEHICLES STOPPING					REASON FOR STOPPING							
				Work	Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Camp	Check Equip.	Repair	Fish	Boat
6 AM to 10 AM	626	4	0.64		1	3			1	2					1	
10 AM to 2 PM	925	12	1.30	3	4	5			6	5	1					
2 PM to 6 PM	1026	19	1.85	3	15	1			6	6	1				5	1
6 PM to 10 PM	752	4	0.53		3	1				2					2	
Total 6 AM to 10 PM	3329	39	1.17	6	23	10			13	15	2				8	1

Time Period	LENGTH OF STAY			VEHICLE OCCUPANCY					
	Vehicles Inter-viewed	Total Time Spent in Area	Average Length of Stay Per Vehicle	Adults	Children (Under 15 Yrs. of Age)	Total Occu-pants	Average Number of Adults per Vehicle	Average Number of Children Per Vehicle	Average Total Occu-pants Per Vehicle
6 AM to 10 AM	4	8 Hrs 3 Min	2 Hrs 1 Min	9	1	10	2.3	0.3	2.6
10 AM to 2 PM	12	8 Hrs 33 Min	43 Min	26	7	33	2.2	0.6	2.8
2 PM to 6 PM	19	22 Hrs 11 Min	1 Hr 1 Min	35	10	45	1.8	0.5	2.3
6 PM to 10 PM	4	2 Hrs 9 Min	32 Min	9	7	16	2.3	1.7	4.0
Total 6 AM to 10 PM	39	40 Hrs 56 Min	1 Hr 3 Min	79	25	104	2.0	0.6	2.6

Time Period	Number of Vehicles	FIRST FACILITY USED BY VEHICLE DRIVER										TOTAL VEHICLE USAGE OF FACILITIES									
		Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*	Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*
6 AM to 10 AM	4				2						1				2		1				1
10 AM to 2 PM	12	1	3		3							3	4		4		1				
2 PM to 6 PM	19		6		3						5	4	6		4						6
6 PM to 10 PM	4				1						2				1						2
Total 6 AM to 10 PM	39	1	9		9						8	7	10		11		1				9

* Lake or Historical Marker

USERS OPINION OF REST AREA

Reason for Stopping	Number of Vehicles	Feel Area is Adequate	Feel Area is not Adequate	Need Electric Outlets	Need Picnic Tables	Need Recreation Equipment	Areas Too Far Apart
Eat	13	13					4
Rest	15	15					3
Sleep	2	2					1
Camp							
Fish	8	8					4
Check Equipment							
Repair							
Boat	1	1					
Total	39	39					12

Reason for Stopping	ADDITIONAL FACILITIES REQUESTED									
	Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Swings	Slides	Sandpile	Merry- Go-Round	Teeter- Totter	Wading Pool
Eat										
Rest										
Sleep										
Camp										
Fish										
Check Equipment										
Repair										
Boat										
Total										

NONE OF THE DRIVERS INTERVIEWED
SUGGESTED ADDITIONAL FACILITIES
BE ADDED TO THIS REST AREA

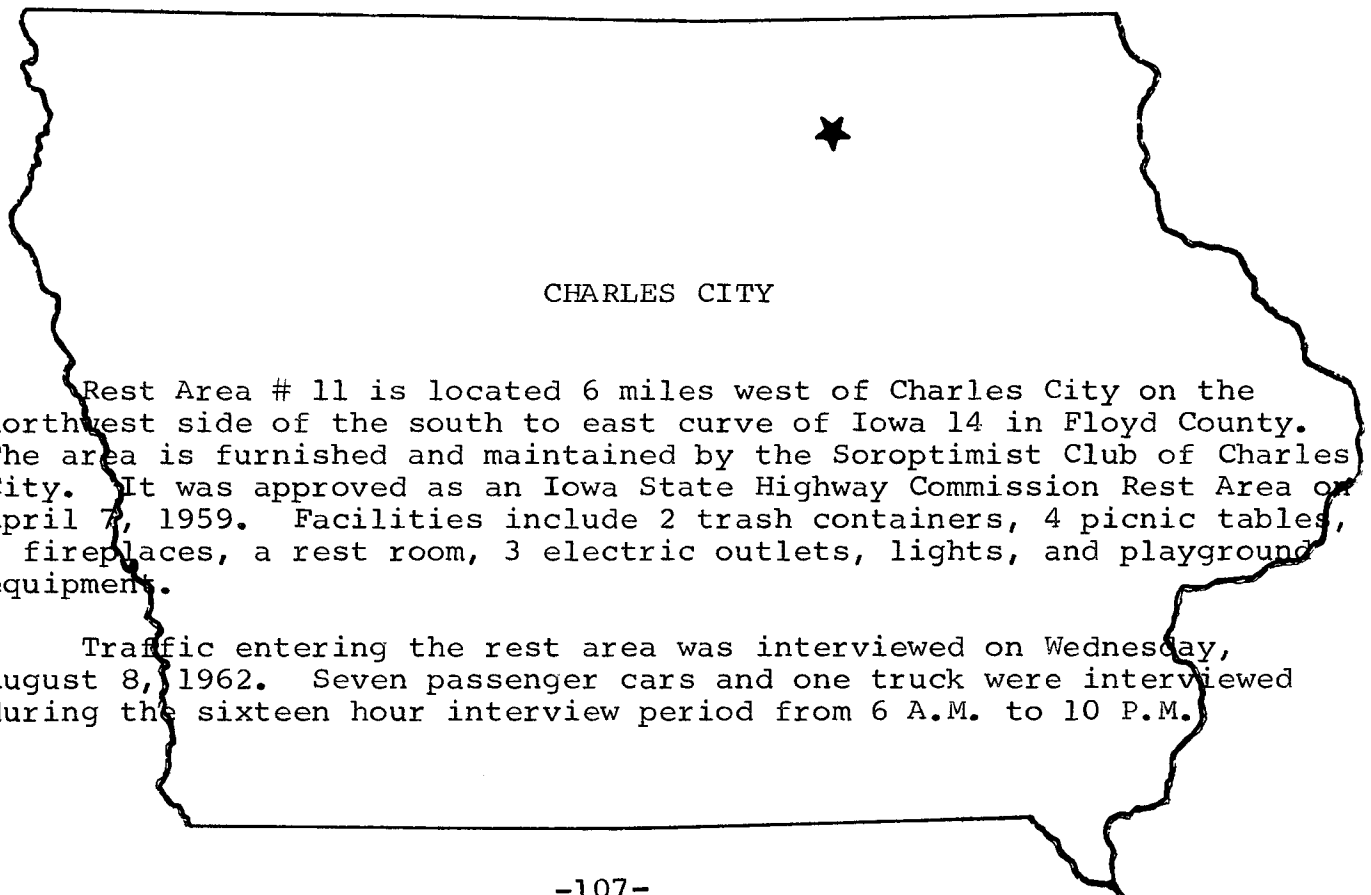
ORIGINAL ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

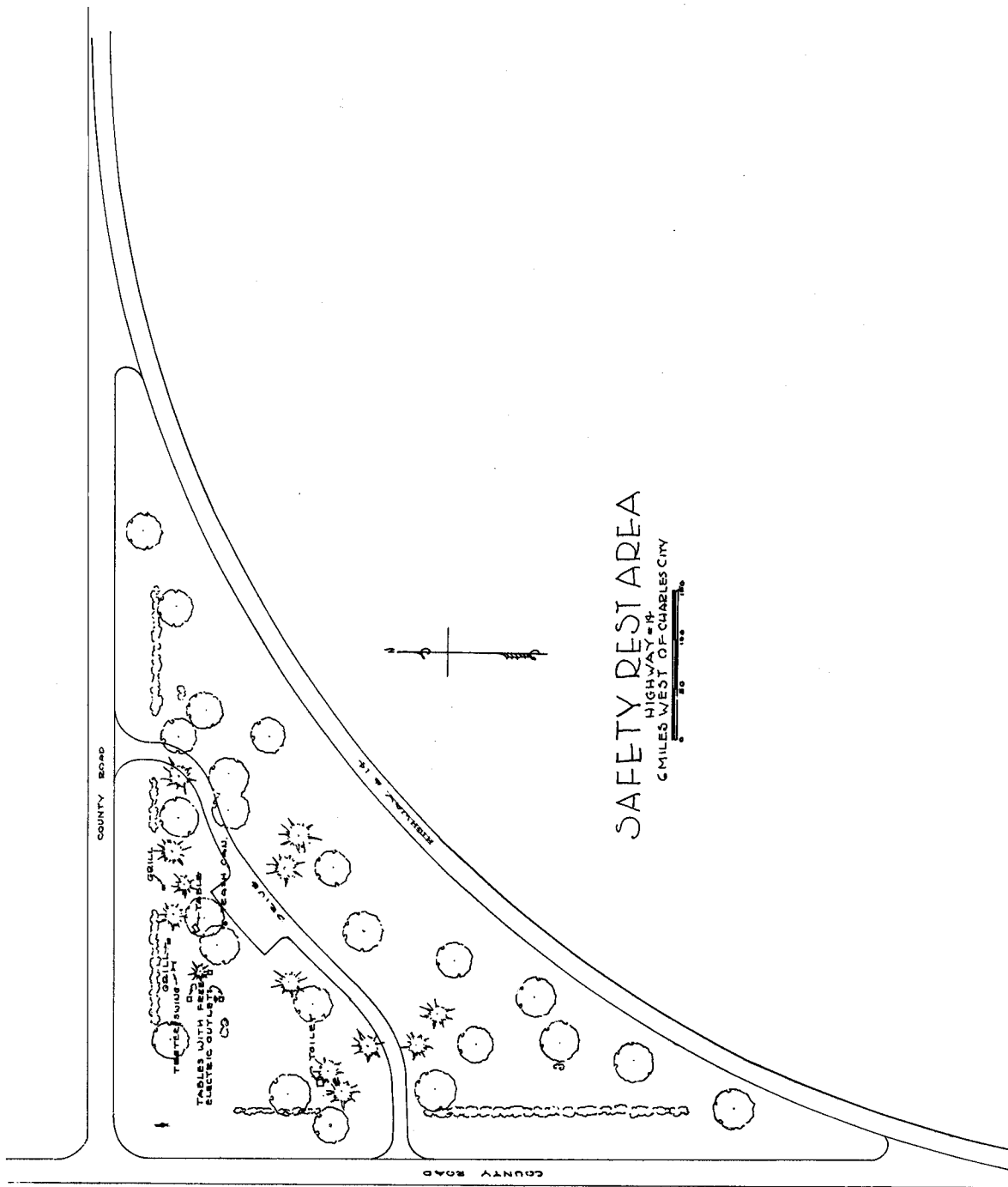
ORIGIN (STATE)	DESTINATION (STATE)												
	California	Indiana	Iowa	Kansas	Minnesota	Missouri	New Jersey	Texas	Rest Area		Total		
Illinois			1								1		
Iowa		1	11	1	4		1				18		
Minnesota	1		2					1			4		
Wisconsin						1					1		
* Local Iowa									15		15		
Total	1	1	14	1	4	1	1	1	15		39		

DAY'S ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

ORIGIN (STATE)	DESTINATION (STATE)												
	Indiana	Iowa	Minnesota	Missouri	Nebraska	Rest Area		Total					
Iowa	1	12	4					17					
Minnesota		3		1	1			5					
Wisconsin				1				1					
Illinois		1						1					
* Local Iowa						15		15					
Total	1	16	4	2	1	15		39					

* Traffic of a local nature not included in the "Iowa" category which use the area as final destination





TRAFFIC PASSING REST AREA																
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping	TRIP PURPOSE OF VEHICLES STOPPING					REASON FOR STOPPING							
				Work	Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Camp	Check Equip.	Repair	Fish	Boat
6 AM to 10 AM	319	0	0													
10 AM to 2 PM	325	6	1.85	4	2				2	3				1		
2 PM to 6 PM	431	1	0.23	1						1						
6 PM to 10 PM	226	1	0.44	1						1						
Total 6 AM to 10 PM	1301	8	0.61	6	2				2	5				1		

11. Charles City

Time Period	LENGTH OF STAY			VEHICLE OCCUPANCY					
	Vehicles Inter-viewed	Total Time Spent in Area	Average Length of Stay Per Vehicle	Adults	Children (Under 15 Yrs. of Age)	Total Occu-pants	Average Number of Adults per Vehicle	Average Number of Children Per Vehicle	Average Total Occu-pants Per Vehicle
6 AM to 10 AM	0								
10 AM to 2 PM	6	1 Hr 50 Min	18 Min	7	7	14	1.2	1.2	2.4
2 PM to 6 PM	1	1 Hr 7 Min	1 Hr 7 Min	1		1	1.0		1.0
6 PM to 10 PM	1	13 Min	13 Min	2		2	2.0		2.0
Total 6 AM to 10 PM	8	3 Hrs 10 Min	24 Min	10	7	17	1.3	0.9	2.2

Time Period	Number of Vehicles	FIRST FACILITY USED BY VEHICLE DRIVER										TOTAL VEHICLE USAGE OF FACILITIES									
		Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*	Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*
6 AM to 10 AM	0																				
10 AM to 2 PM	6		1		2								1		2						
2 PM to 6 PM	1																				
6 PM to 10 PM	1				1										1						
Total 6 AM to 10 PM	8		1		3								1		3						

* Lake or Historical Marker

11. Charles City

USERS OPINION OF REST AREA							
Reason for Stopping	Number of Vehicles	Feel Area is Adequate	Feel Area is not Adequate	Need Electric Outlets	Need Picnic Tables	Need Recreation Equipment	Areas Too Far Apart
Eat	2	2					
Rest	5	4	1				
Sleep							
Camp							
Fish							
Check Equipment							
Repair	1	1					
Boat							
Total	8	7	1				

11. Charles City

Reason for Stopping	ADDITIONAL FACILITIES REQUESTED									
	Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Swings	Slides	Sandpile	Merry- Go-Round	Teeter- Totter	Wading Pool
Eat		1								
Rest										
Sleep										
Camp										
Fish										
Check Equipment										
Repair										
Boat										
Total		1								

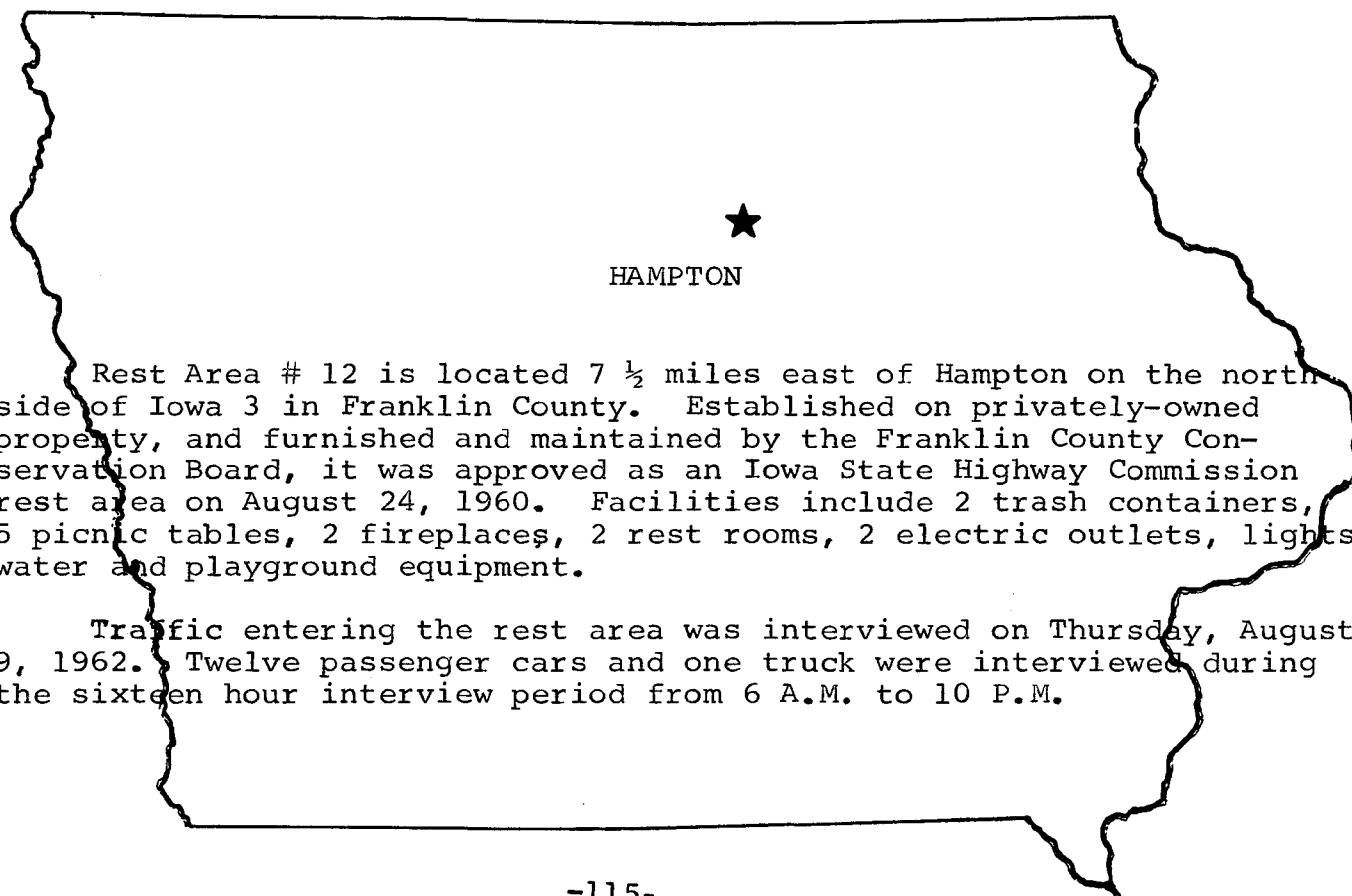
ORIGINAL ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

ORIGIN (STATE)	DESTINATION (STATE)														
	Iowa	Charles City	Rest Area		Total										
* Iowa		2			2										
Charles City	5		1		6										
Total	5	2	1		8										

DAY'S ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

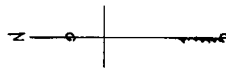
ORIGIN (STATE)	DESTINATION (STATE)														
	Iowa	Charles City	Rest Area		Total										
* Iowa		2			2										
Charles City	5		1		6										
Total	5	2	1		8										

* All Locations in Iowa other than Charles City



Rest Area # 12 is located 7 ½ miles east of Hampton on the north side of Iowa 3 in Franklin County. Established on privately-owned property, and furnished and maintained by the Franklin County Conservation Board, it was approved as an Iowa State Highway Commission rest area on August 24, 1960. Facilities include 2 trash containers, 5 picnic tables, 2 fireplaces, 2 rest rooms, 2 electric outlets, lights, water and playground equipment.

Traffic entering the rest area was interviewed on Thursday, August 9, 1962. Twelve passenger cars and one truck were interviewed during the sixteen hour interview period from 6 A.M. to 10 P.M.



SAFETY REST AREA
3/4 MILE EAST OF
HAMPTON
HIGHWAY # 332 SIDE

TRAFFIC PASSING REST AREA																
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping	TRIP PURPOSE OF VEHICLES STOPPING					REASON FOR STOPPING							
				Work	Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Camp	Check Equip.	Repair	Fish	Boat
6 AM to 10 AM	216	2	0.93			2			2							
10 AM to 2 PM	547	7	1.28	2	1	4			5		2					
2 PM to 6 PM	801	2	0.25			1	1		1	1						
6 PM to 10 PM	384	2	0.52		1	1				1		1				
Total 6 AM to 10 PM	1948	13	0.67	2	2	8	1		8	2	2	1				

Time Period	LENGTH OF STAY			VEHICLE OCCUPANCY					
	Vehicles Inter-viewed	Total Time Spent in Area	Average Length of Stay Per Vehicle	Adults	Children (Under 15 Yrs. of Age)	Total Occu-pants	Average Number of Adults per Vehicle	Average Number of Children Per Vehicle	Average Total Occu-pants Per Vehicle
6 AM to 10 AM	2	2 Hrs 35 Min	1 Hr 18 Min	6	1	7	3.0	0.5	3.5
10 AM to 2 PM	7	6 Hrs 26 Min	55 Min	16	9	25	2.3	1.3	3.6
2 PM to 6 PM	2	29 Min	15 Min	4	7	11	2.0	3.5	5.5
6 PM to 10 PM	2	11 Hrs 55 Min	5 Hrs 58 Min	5	4	9	2.5	2.0	4.5
Total 6 AM to 10 PM	13	21 Hrs 25 Min	1 Hr 39 Min	31	21	52	2.4	1.6	4.0

Time Period	Number of Vehicles	FIRST FACILITY USED BY VEHICLE DRIVER										TOTAL VEHICLE USAGE OF FACILITIES									
		Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*	Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*
6 AM to 10 AM	2		1		1							1	2		2		1				
10 AM to 2 PM	7		4		1							1	4		4			1			
2 PM to 6 PM	2				1		1						1		2		1	1			
6 PM to 10 PM	2		1		1								1		2		1	1			
Total 6 AM to 10 PM	13		6		4		1					2	8		10		3	3			

* Lake or Historical Marker

USERS OPINION OF REST AREA							
Reason for Stopping	Number of Vehicles	Feel Area is Adequate	Feel Area is not Adequate	Need Electric Outlets	Need Picnic Tables	Need Recreation Equipment	Areas Too Far Apart
Eat	8	6	2		1		4
Rest	2	2					
Sleep	2	2					
Camp	1	1					
Fish							
Check Equipment							
Repair							
Boat							
Total	13	11	2		1		4

Reason for Stopping	ADDITIONAL FACILITIES REQUESTED									
	Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Swings	Slides	Sandpile	Merry- Go-Round	Teeter- Totter	Wading Pool
Eat			2	1						
Rest										
Sleep			1							
Camp										
Fish										
Check Equipment										
Repair										
Boat										
Total			3	1						

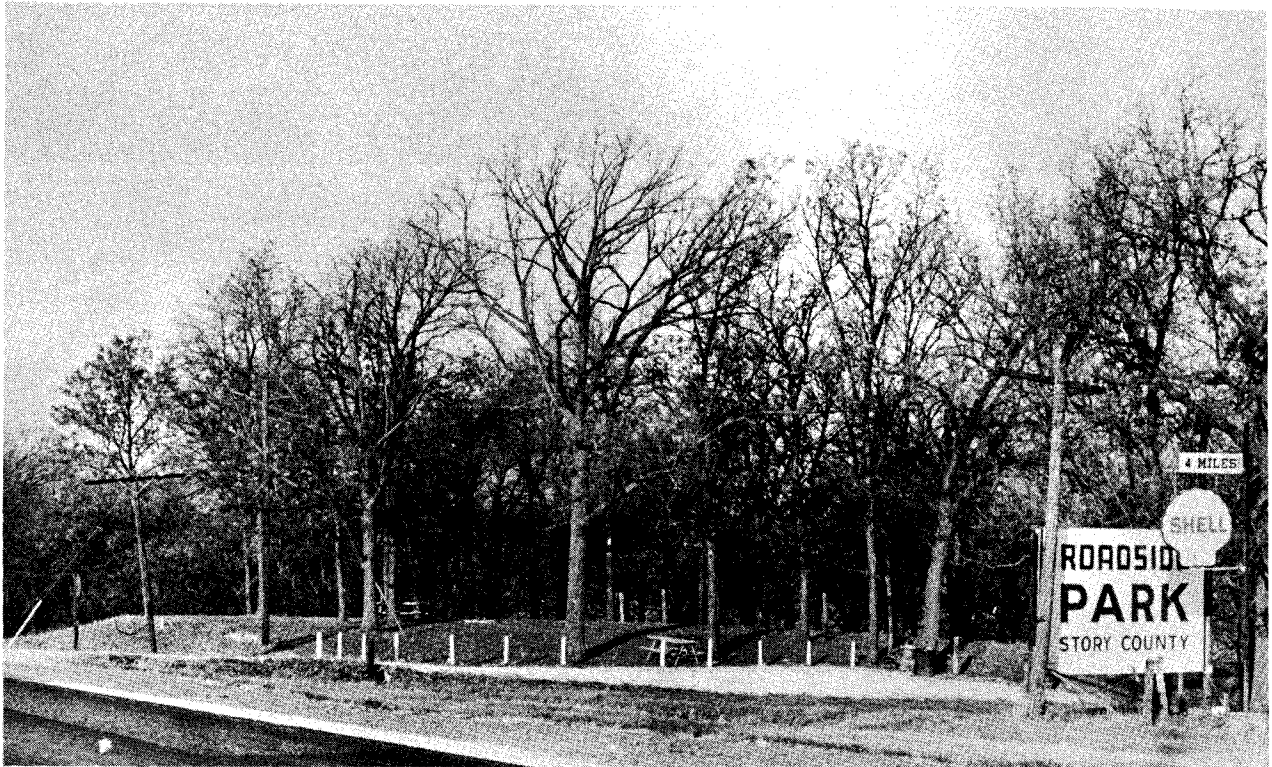
ORIGINAL ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

ORIGIN (STATE)	DESTINATION (STATE)												
	Ontario Canada	Indiana	Iowa	Michigan	New Jersey	New York	Pennsylvania	Washington	Wyoming		Total		
Iowa		1	5						1		7		
Michigan								1			1		
South Dakota							1				1		
Utah				1							1		
Washington	1				1						2		
Wyoming						1					1		
Total	1	1	5	1	1	1	1	1	1		13		

DAY'S ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

ORIGIN (STATE)	DESTINATION (STATE)					
	Illinois	Iowa	South Dakota	*Rest Area	Total	
Iowa	1	7	2		10	
South Dakota	2			1	3	
Total	3	7	2	1	13	

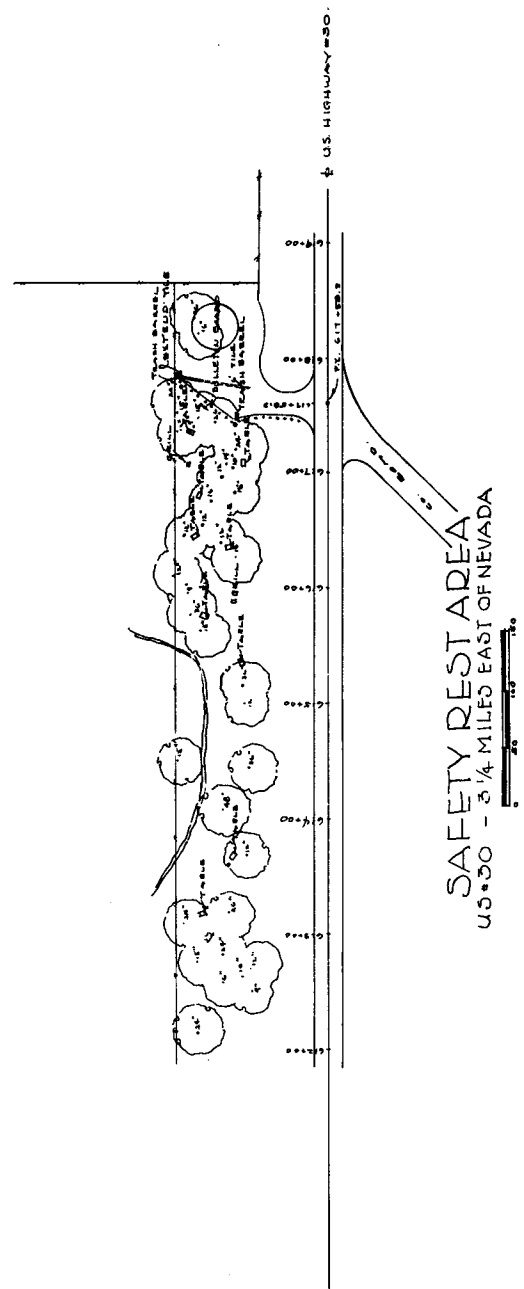
* Indicates overnight stop at rest area.



NEVADA

Rest Area # 13 is located 3 $\frac{1}{4}$ miles east of Nevada on the north side of U.S. 30 in Story County. Located on state-owned property, it is furnished and maintained by the Story County Conservation Board. It was approved as an Iowa State Highway Commission rest area on August 2, 1938. Facilities include 2 trash containers, 2 picnic tables, and 2 Grills.

Traffic entering the rest area was interviewed on Wednesday, August 29, 1962. Twelve passenger cars were interviewed during the 16 hour interview period from 6 A.M. to 10 P.M. No trucks entered the area during the interview period.



TRAFFIC PASSING REST AREA																
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping	TRIP PURPOSE OF VEHICLES STOPPING					REASON FOR STOPPING							
				Work	Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Camp	Check Equip.	Repair	Fish	Boat
6 AM to 10 AM	938	2	0.21			2			2							
10 AM to 2 PM	1286	6	0.47			6			5	1						
2 PM to 6 PM	1291	3	0.23			2	1		2	1						
6 PM to 10 PM	523	1	0.19			1			1							
Total 6 AM to 10 PM	4038	12	0.30			11	1		10	2						

Time Period	LENGTH OF STAY			VEHICLE OCCUPANCY					
	Vehicles Inter-viewed	Total Time Spent in Area	Average Length of Stay Per Vehicle	Adults	Children (Under 15 Yrs. of Age)	Total Occu-pants	Average Number of Adults per Vehicle	Average Number of Children Per Vehicle	Average Total Occu-pants Per Vehicle
6 AM to 10 AM	2	1 Hr 50 Min	55 Min	4		4	2.0		2.0
10 AM to 2 PM	6	3 Hrs 57 Min	40 Min	17	5	22	2.8	0.8	3.6
2 PM to 6 PM	3	2 Hrs 4 Min	41 Min	7	4	11	2.3	1.3	3.6
6 PM to 10 PM	1	14 Min	14 Min	4		4	4.0		4.0
Total 6 AM to 10 PM	12	8 Hrs 5 Min	40 Min	32	9	41	2.7	0.8	3.5

Time Period	Number of Vehicles	FIRST FACILITY USED BY VEHICLE DRIVER										TOTAL VEHICLE USAGE OF FACILITIES						
		Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*	Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.
6 AM to 10 AM	2		1										1	1				
10 AM to 2 PM	6	1	5									5	5					
2 PM to 6 PM	3		2									2	2					
6 PM to 10 PM	1		1									1	1					
Total 6 AM to 10 PM	12	1	9									8	9	1				

* Lake or Historical Marker

USERS OPINION OF REST AREA							
Reason for Stopping	Number of Vehicles	Feel Area is Adequate	Feel Area is not Adequate	Need Electric Outlets	Need Picnic Tables	Need Recreation Equipment	Areas Too Far Apart
Eat	10	3	7			1	1
Rest	2	1	1				1
Sleep							
Camp							
Fish							
Check Equipment							
Repair							
Boat							
Total	12	4	8			1	2

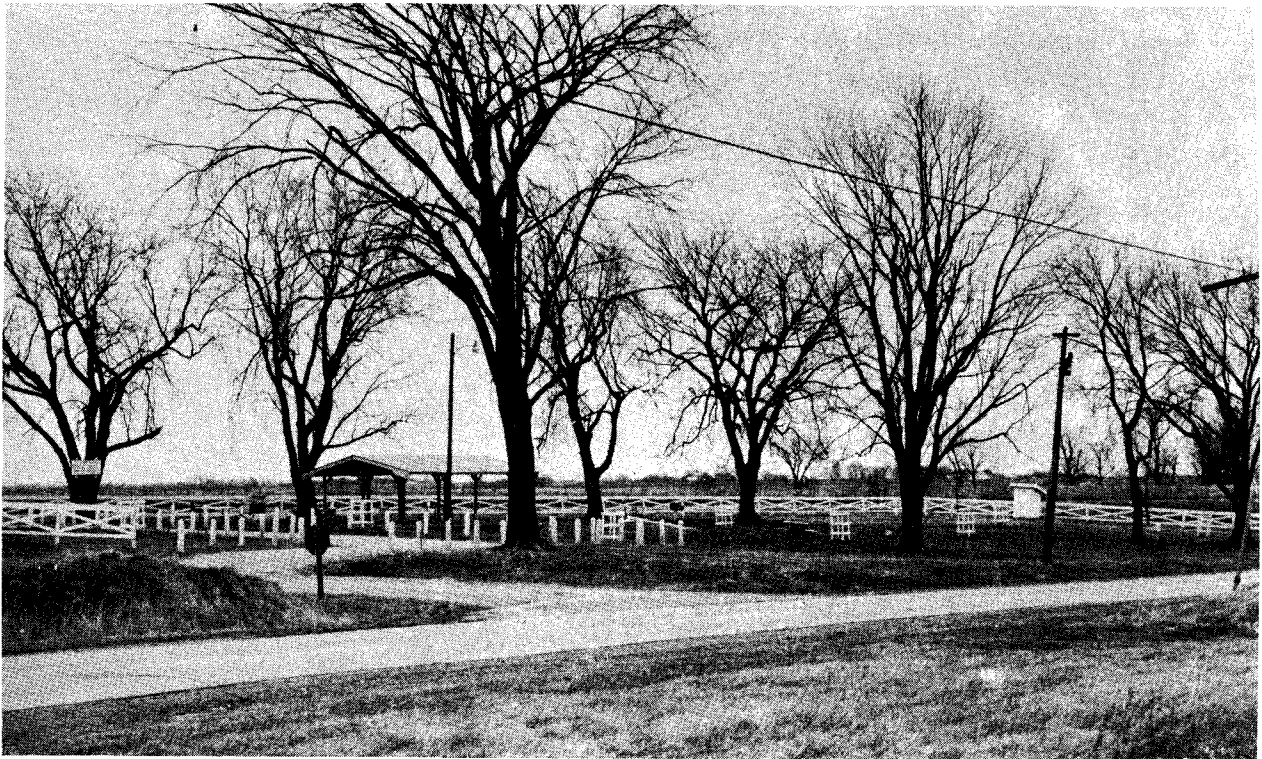
Reason for Stopping	ADDITIONAL FACILITIES REQUESTED									
	Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Swings	Slides	Sandpile	Merry- Go-Round	Teeter- Totter	Wading Pool
Eat	4	5	3		1				1	
Rest	1	1								
Sleep										
Camp										
Fish										
Check Equipment										
Repair										
Boat										
Total	5	6	3		1				1	

ORIGINAL ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

ORIGIN (STATE)	DESTINATION (STATE)													
	California	Ontario Canada	Connecticut	Illinois	Massachusetts	Michigan	Ohio	Washington		Total				
Arizona				1						1				
California			1			2				3				
Indiana								1		1				
Massachusetts	1									1				
Oregon		1								1				
Pennsylvania	2									2				
Washington							1			1				
Wyoming				1	1					2				
Total	3	1	1	2	1	2	1	1		12				

DAY'S ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

ORIGIN (STATE)	DESTINATION (STATE)													
	Illinois	Iowa	Nebraska		Total									
Colorado	1				1									
Illinois		1	2		3									
Iowa	3				3									
Michigan			1		1									
Nebraska	2	1			3									
South Dakota		1			1									
Total	6	3	3		12									



PROMISE CITY

Rest Area # 14 is located 1½ miles east of Promise City on the north side of Iowa 2 in Wayne County. Established on privately-owned property, it is furnished and maintained by the Wayne County Conservation Board. Facilities include 3 trash containers, 5 picnic tables, 4 fireplaces, a wood box, rest room, lights, shelter, water, and a sandpile for children.

Traffic entering the rest area was interviewed on Monday, August 27, 1962. Three passenger cars were interviewed during the 16 hour interview period from 6 A.M. to 10 P.M. No trucks entered the area during the interview period.



TRAFFIC PASSING REST AREA																
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping	TRIP PURPOSE OF VEHICLES STOPPING					REASON FOR STOPPING							
				Work	Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Camp	Check Equip.	Repair	Fish	Boat
6 AM to 10 AM	272	0	0													
10 AM to 2 PM	323	3	0.93	1	1	1			3							
2 PM to 6 PM	360	0	0													
6 PM to 10 PM	236	0	0													
Total 6 AM to 10 PM	1191	3	0.25	1	1	1			3							

14. Promise City

Time Period	LENGTH OF STAY			VEHICLE OCCUPANCY					
	Vehicles Inter-viewed	Total Time Spent in Area	Average Length of Stay Per Vehicle	Adults	Children (Under 15 Yrs. of Age)	Total Occu-pants	Average Number of Adults per Vehicle	Average Number of Children Per Vehicle	Average Total Occu-pants Per Vehicle
6 AM to 10 AM	0								
10 AM to 2 PM	3	1 Hr 29 Min	30 Min	6	2	8	2.0	0.7	2.7
2 PM to 6 PM	0								
6 PM to 10 PM	0								
Total 6 AM to 10 PM	3	1 Hr 29 Min	30 Min	6	2	8	2.0	0.7	2.7

Time Period	Number of Vehicles	FIRST FACILITY USED BY VEHICLE DRIVER										TOTAL VEHICLE USAGE OF FACILITIES						
		Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*	Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.
6 AM to 10 AM	0																	
10 AM to 2 PM	3		2		1							1	3		1			
2 PM to 6 PM	0																	
6 PM to 10 PM	0																	
Total 6 AM to 10 PM	3		2		1							1	3		1			

* Lake or Historical Marker

14. Promise City

USERS OPINION OF REST AREA							
Reason for Stopping	Number of Vehicles	Feel Area is Adequate	Feel Area is not Adequate	Need Electric Outlets	Need Picnic Tables	Need Recreation Equipment	Areas Too Far Apart
Eat	3	3					2
Rest							
Sleep							
Camp							
Fish							
Check Equipment							
Repair							
Boat							
Total	3	3					2

Reason for Stopping	ADDITIONAL FACILITIES REQUESTED									
	Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Swings	Slides	Sandpile	Merry- Go-Round	Teeter- Totter	Wading Pool
Eat										
Rest										
Sleep										
Camp										
Fish										
Check Equipment										
Repair										
Boat										
Total										

NONE OF THE DRIVERS INTERVIEWED
SUGGESTED ADDITIONAL FACILITIES
BE ADDED TO THIS REST AREA

ORIGINAL ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

ORIGIN (STATE)	DESTINATION (STATE)														
	Illinois	Iowa	Total												
Iowa	1	1	2												
Missouri		1	1												
Total	1	2	3												

DAY'S ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

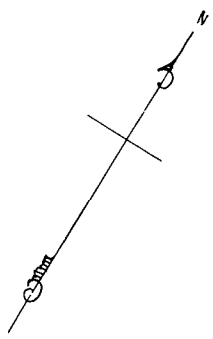
ORIGIN (STATE)	DESTINATION (STATE)														
	Iowa	Missouri	Total												
Iowa	1	1	2												
Missouri	1		1												
Total	2	1	3												



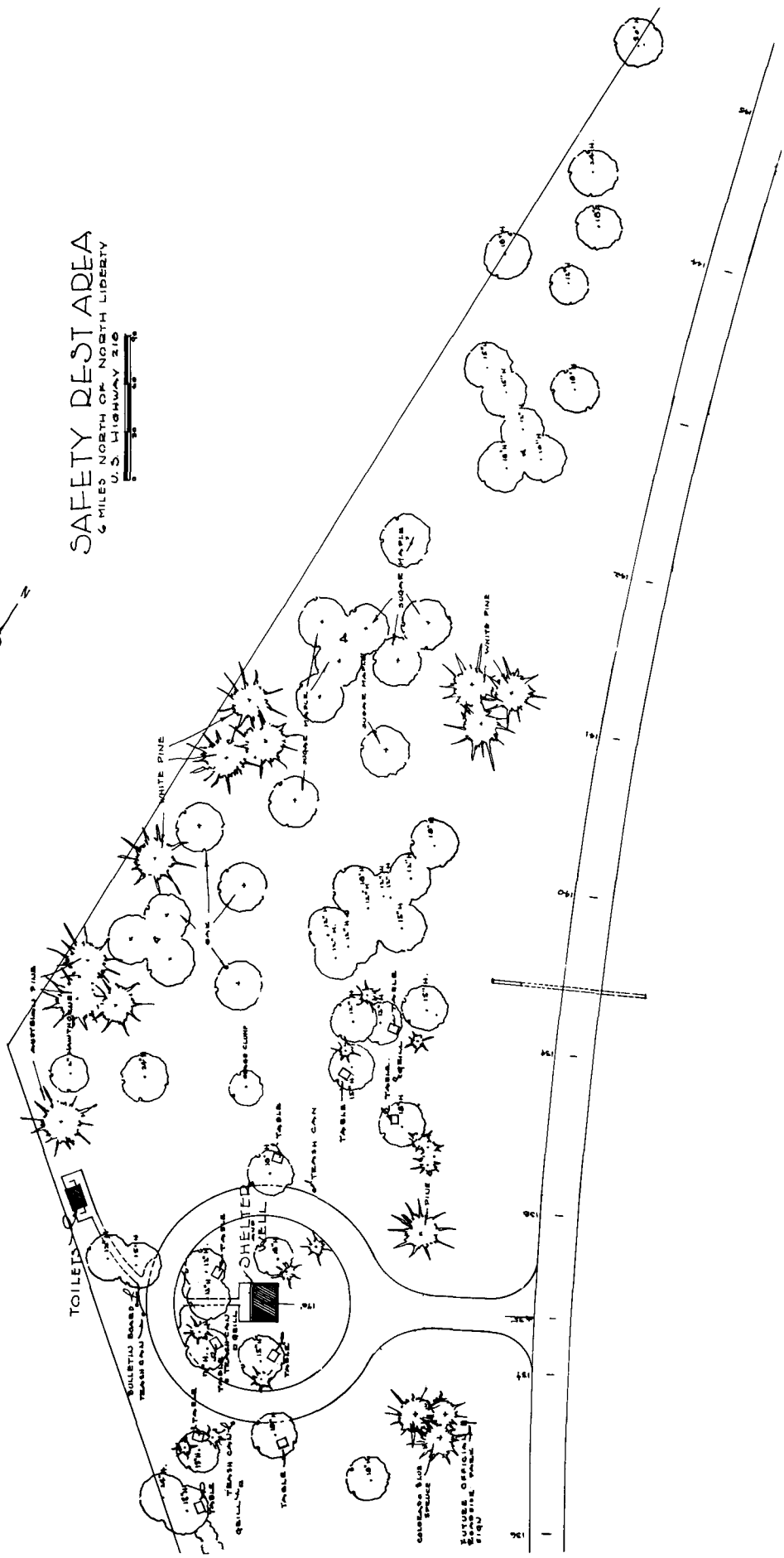
NORTH LIBERTY

Rest Area # 15 is located 6 miles north of North Liberty on the west side of U.S. 218 in Johnson County. Established on state-owned property, the area is furnished and maintained by the Jonco Jills Ladies Chapter of the Isaak Walton League. It was approved as an Iowa State Highway Commission Rest Area on July 29, 1959. Facilities include 2 trash containers, 4 tables, 2 fireplaces, a rest room, travel information board, and a shelter.

Traffic entering the rest area was interviewed on Tuesday, August 14, 1962. Twelve passenger cars were interviewed during the sixteen hour interview period from 6 A.M. to 10 P.M. No trucks entered the area during the interview period.



SAFETY REST AREA
6 MILES NORTH OF NORTH LIBERTY
U.S. HIGHWAY 210



TRAFFIC PASSING REST AREA																
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping	TRIP PURPOSE OF VEHICLES STOPPING					REASON FOR STOPPING							
				Work	Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Camp	Check Equip.	Repair	Fish	Boat
6 AM to 10 AM	1054	0	0													
10 AM to 2 PM	1098	6	0.55	1	1	4			4	1	1					
2 PM to 6 PM	1451	4	0.28	1	2	1			2	1	1					
6 PM to 10 PM	886	2	0.23		1	1			1	1						
Total 6 AM to 10 PM	4489	12	0.27	2	4	6			7	3	2					

15. North Liberty

Time Period	LENGTH OF STAY			VEHICLE OCCUPANCY					
	Vehicles Inter-viewed	Total Time Spent in Area	Average Length of Stay Per Vehicle	Adults	Children (Under 15 Yrs. of Age)	Total Occu-pants	Average Number of Adults per Vehicle	Average Number of Children Per Vehicle	Average Total Occu-pants Per Vehicle
6 AM to 10 AM	0								
10 AM to 2 PM	6	2 Hrs 57 Min	30 Min	15	1	16	2.5	0.2	2.7
2 PM to 6 PM	4	3 Hrs 6 Min	47 Min	5	3	8	1.3	0.7	2.0
6 PM to 10 PM	2	1 Hr. 7 Min	34 Min	5	0	5	2.5	0	2.5
Total 6 AM to 10 PM	12	7 Hrs 10 Min	36 Min	25	4	29	2.1	0.3	2.4

15. North Liberty

Time Period	Number of Vehicles	FIRST FACILITY USED BY VEHICLE DRIVER										TOTAL VEHICLE USAGE OF FACILITIES									
		Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*	Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*
6 AM to 10 AM	0		4									3	4								
10 AM to 2 PM	6																				
2 PM to 6 PM	4		1		1							1	1		2						
6 PM to 10 PM	2			1									1	1							
Total 6 AM to 10 PM	12		5	1	1							4	6	1	2						

* Lake or Historical Marker

15. North Liberty

USERS OPINION OF REST AREA							
Reason for Stopping	Number of Vehicles	Feel Area is Adequate	Feel Area is not Adequate	Need Electric Outlets	Need Picnic Tables	Need Recreation Equipment	Areas Too Far Apart
Eat	7	3	4				2
Rest	3	2	1			1	
Sleep	2	2					
Camp							
Fish							
Check Equipment							
Repair							
Boat							
Total	12	7	5			1	2

15. North Liberty

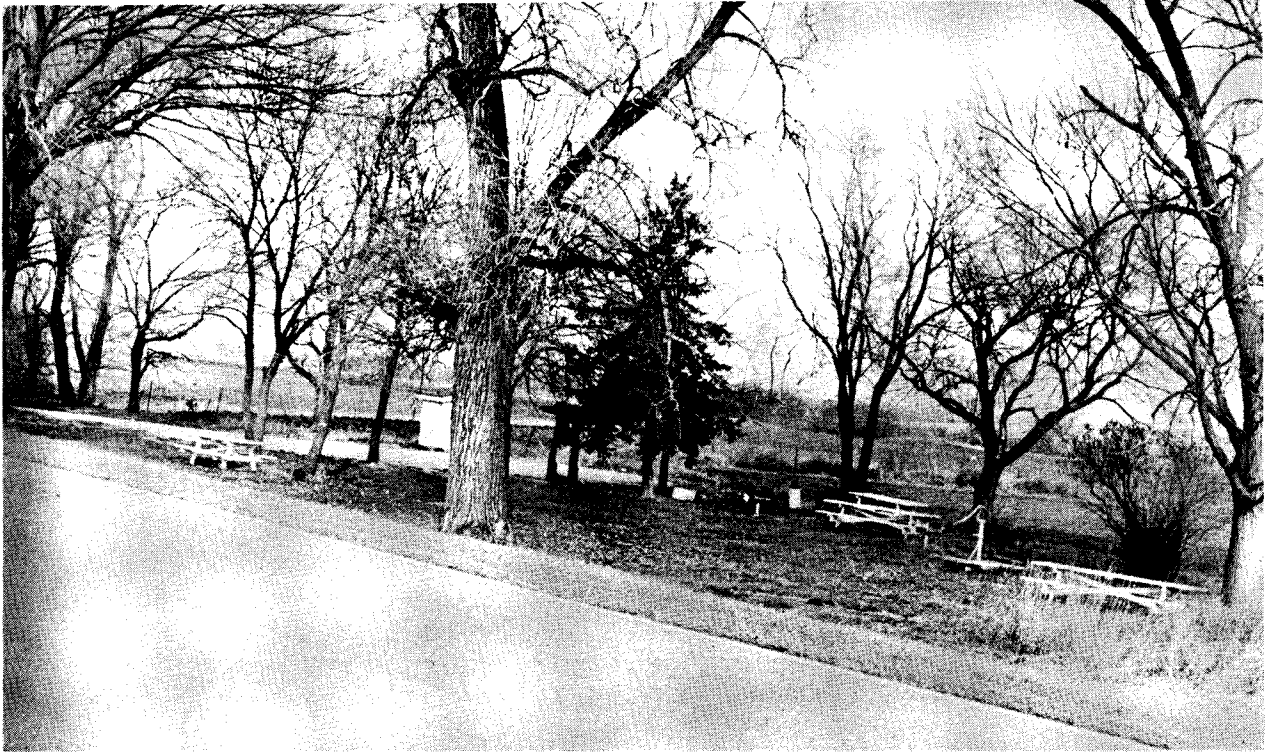
Reason for Stopping	ADDITIONAL FACILITIES REQUESTED									
	Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Swings	Slides	Sandpile	Merry- Go-Round	Teeter- Totter	Wading Pool
Eat		4								
Rest		1			1		1	1		
Sleep										
Camp										
Fish										
Check Equipment										
Repair										
Boat										
Total		5			1		1	1		

ORIGINAL ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

ORIGIN (STATE)	DESTINATION (STATE)													
	Dist Columbia	Florida	Illinois	Iowa	Missouri	Wisconsin								
Iowa			1	5		1								
Minnesota	1	1	1		1									
Missouri						1								
Total	1	1	2	5	1	2								

DAY'S ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

ORIGIN (STATE)	DESTINATION (STATE)													
	Florida	Iowa	Missouri	Wisconsin										
Iowa		7												
Minnesota	1	1	2											
Missouri				1										
Total	1	8	2	1										



HENDERSON

Rest Area # 16 is located 3/4 mile south of the Junction of U.S. 59 and Iowa 244 on the east side of U.S. 59 in Mills County. Established on privately-owned property, the area is furnished and maintained by the Federated Club of Henderson. It was approved as an Iowa State Highway Commission rest area on June 1, 1960. Facilities include 2 trash containers, 4 tables, 2 fireplaces, a rest room, water, and a travel information board.

Traffic entering the rest area was interviewed on Monday, August 20, 1962. Five passenger cars were interviewed during the 16 hour interview period from 6 A.M. to 10 P.M. No trucks entered the area during the interview period.

SEC. 11

WHEEL R. WHEELS

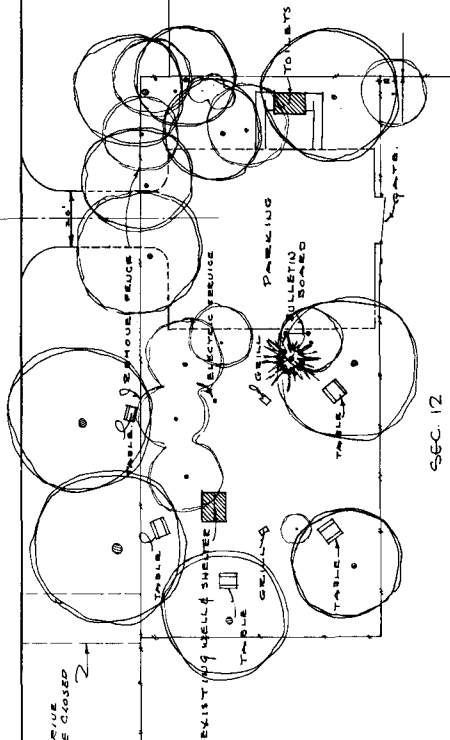
STA. 1355+85 APPROVED
ENT. BY ACCESS CONTROL

10
9
8

U.S. 59

DRIVE
TO BE CLOSED

-148-



SAFETY REST AREA
3/4 MI. SOUTH OF JUNCTION
OF U.S. 59 & IOWA 244

SEC. 12

WHEEL R. WHEELS



ALL TENTS SHOWN ARE EXISTING

TRAFFIC PASSING REST AREA																
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping	TRIP PURPOSE OF VEHICLES STOPPING					REASON FOR STOPPING							
				Work	Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Camp	Check Equip.	Repair	Fish	Boat
6 AM to 10 AM	208	0	0													
10 AM to 2 PM	224	4	1.79	1		2		1			2		1	1		
2 PM to 6 PM	221	1	0.45				1				1					
6 PM to 10 PM	181	0	0													
Total 6 AM to 10 PM	834	5	0.60	1		2	1	1			3		1	1		

Time Period	LENGTH OF STAY			VEHICLE OCCUPANCY					
	Vehicles Inter-viewed	Total Time Spent in Area	Average Length of Stay Per Vehicle	Adults	Children (Under 15 Yrs. of Age)	Total Occu-pants	Average Number of Adults per Vehicle	Average Number of Children Per Vehicle	Average Total Occu-pants Per Vehicle
6 AM to 10 AM	0								
10 AM to 2 PM	4	8 Hrs 12 Min	2 Hrs 3 Min	7	4	11	1.8	1.0	2.8
2 PM to 6 PM	1	5 Min	5 Min	2	4	6	2.0	4.0	6.0
6 PM to 10 PM	0								
Total 6 AM to 10 PM	5	8 Hrs 17 Min	1 Hr 39 Min	9	8	17	1.8	1.6	3.4

Time Period	Number of Vehicles	FIRST FACILITY USED BY VEHICLE DRIVER										TOTAL VEHICLE USAGE OF FACILITIES									
		Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*	Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*
6 AM to 10 AM	0						2								2		2				
10 AM to 2 PM	4				1										2						
2 PM to 6 PM	1														1						
6 PM to 10 PM	0																				
Total 6 AM to 10 PM	5				1		2								3		2				

* Lake or Historical Marker

USERS OPINION OF REST AREA							
Reason for Stopping	Number of Vehicles	Feel Area is Adequate	Feel Area is not Adequate	Need Electric Outlets	Need Picnic Tables	Need Recreation Equipment	Areas Too Far Apart
Eat	3	2	1			1	
Rest							
Sleep							
Camp	1	1					
Fish							
Check Equipment	1	1					
Repair							
Boat							
Total	5	4	1			1	

Reason for Stopping	ADDITIONAL FACILITIES REQUESTED									
	Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Swings	Slides	Sandpile	Merry- Go-Round	Teeter- Totter	Wading Pool
Eat					1				1	
Rest										
Sleep										
Camp										
Fish										
Check Equipment										
Repair										
Boat										
Total					1				1	

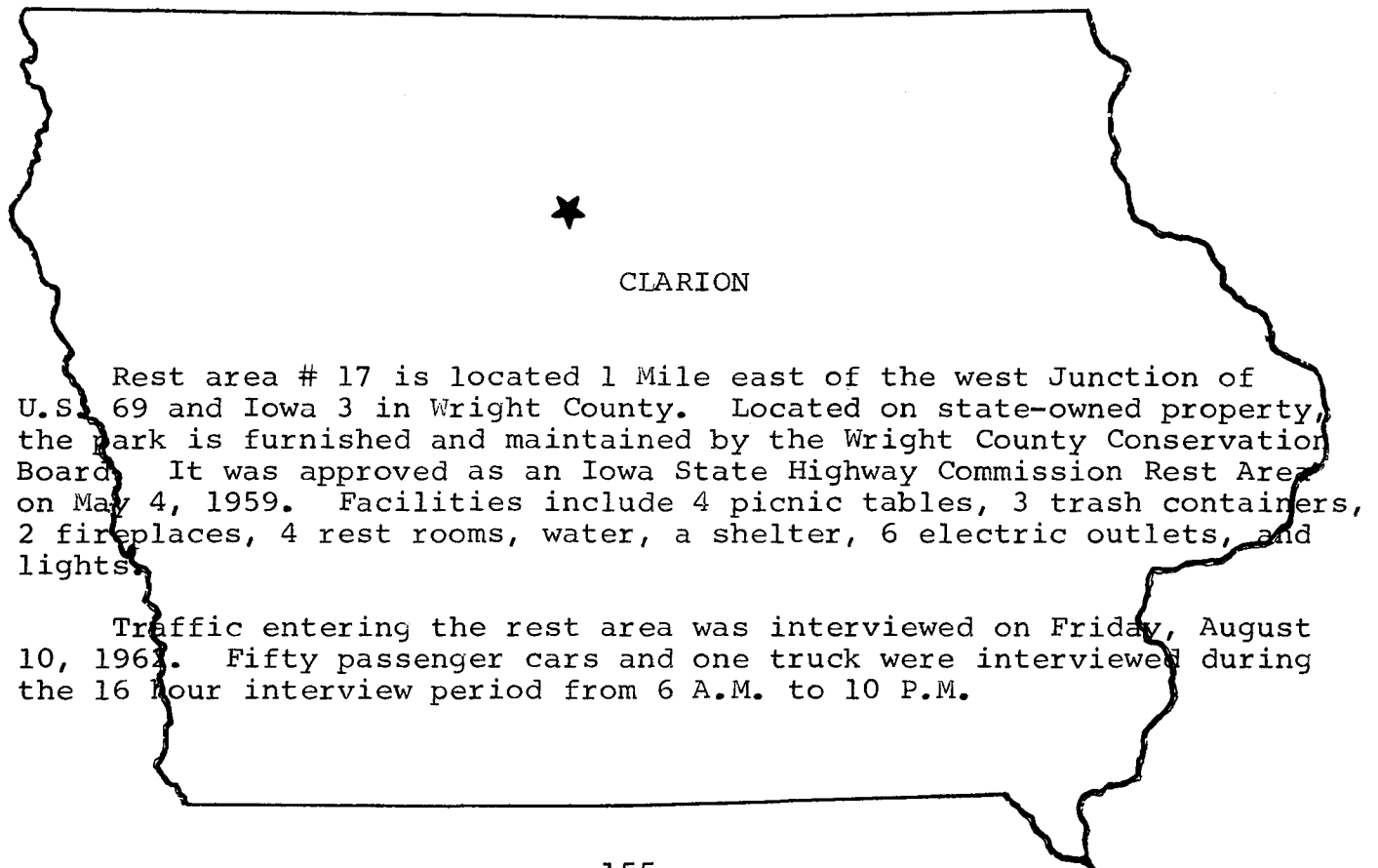
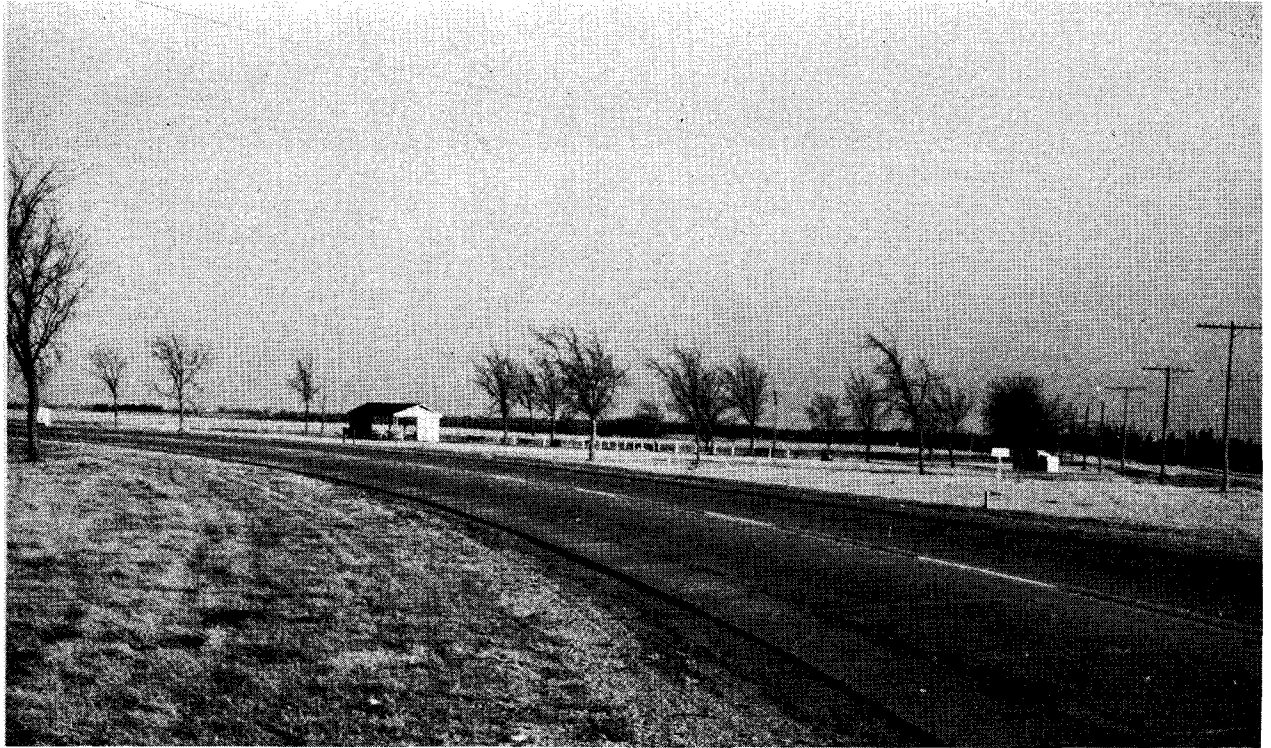
ORIGINAL ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

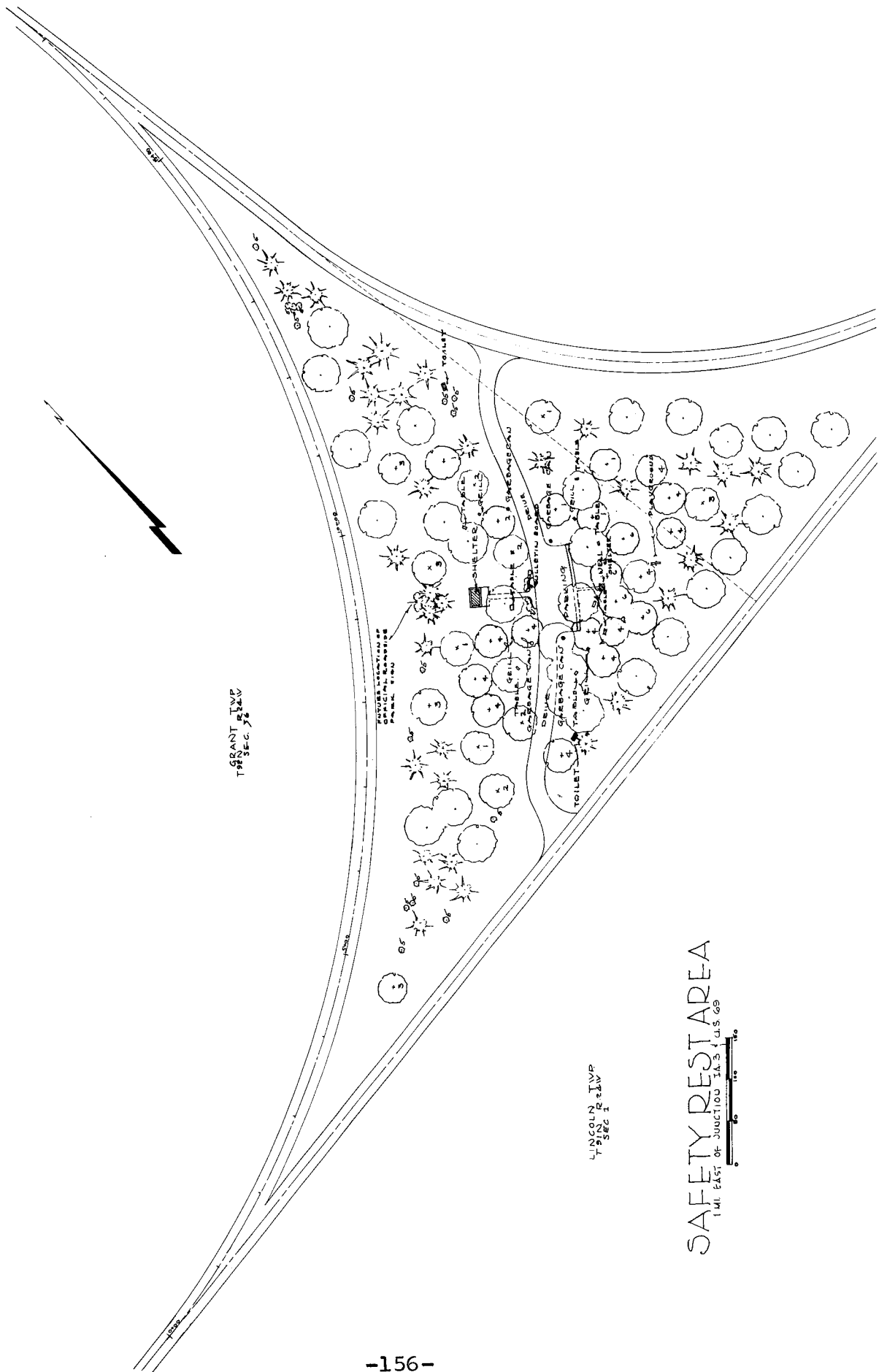
ORIGIN (STATE)	DESTINATION (STATE)														
	Iowa		Total												
Colorado	1		1												
Iowa	4		4												
Total	5		5												

DAY'S ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

ORIGIN (STATE)	DESTINATION (STATE)														
	Iowa		Total												
Iowa	3		3												
Missouri	1		1												
* Rest Area	1		1												
Total	5		5												

* Camped overnight at rest area





TRAFFIC PASSING REST AREA																
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping	TRIP PURPOSE OF VEHICLES STOPPING					REASON FOR STOPPING							
				Work	Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Camp	Check Equip.	Repair	Fish	Boat
6 AM to 10 AM	694	13	1.87	1	2	6	2	2	4	5		4				
10 AM to 2 PM	1001	23	2.30	3	3	16		1	13	10						
2 PM to 6 PM	1034	12	1.16	2	1	8	1		1	11						
6 PM to 10 PM	661	3	0.45			2		1	1	2						
Total 6 AM to 10 PM	3390	51	1.50	6	6	32	3	4	19	28		4				

Time Period	LENGTH OF STAY			VEHICLE OCCUPANCY					
	Vehicles Inter-viewed	Total Time Spent in Area	Average Length of Stay Per Vehicle	Adults	Children (Under 15 Yrs. of Age)	Total Occu-pants	Average Number of Adults per Vehicle	Average Number of Children Per Vehicle	Average Total Occu-pants Per Vehicle
6 AM to 10 AM	13	44 Hrs 32 Min	3 Hrs 26 Min	26	7	33	2.0	0.5	2.5
10 AM to 2 PM	23	8 Hrs 11 Min	21 Min	52	23	75	2.2	1.0	3.2
2 PM to 6 PM	12	2 Hrs 46 Min	14 Min	28	12	40	2.3	1.0	3.3
6 PM to 10 PM	3	52 Min	17 Min	6	3	9	2.0	1.0	3.0
Total 6 AM to 10 PM	51	56 Hrs 21 Min	1 Hr 6 Min	112	45	157	2.2	0.9	3.1

Time Period	Number of Vehicles	FIRST FACILITY USED BY VEHICLE DRIVER									TOTAL VEHICLE USAGE OF FACILITIES										
		Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*	Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*
6 AM to 10 AM	13	1	4		5					2		6	8		10		1			2	
10 AM to 2 PM	23		8		10							11	11		17					5	
2 PM to 6 PM	12		2		5								2		7					1	
6 PM to 10 PM	3				1		1						1		2		2				
Total 6 AM to 10 PM	51	1	14		21		1			2		17	22		36		3			8	

* Lake or Historical Marker

USERS OPINION OF REST AREA

Reason for Stopping	Number of Vehicles	Feel Area is Adequate	Feel Area is not Adequate	Need Electric Outlets	Need Picnic Tables	Need Recreation Equipment	Areas Too Far Apart
Eat	19	18	1		1		6
Rest	28	26	2		1	2	3
Sleep							
Camp	4	3	1			1	1
Fish							
Check Equipment							
Repair							
Boat							
Total	51	47	4		2	3	10

Reason for Stopping	ADDITIONAL FACILITIES REQUESTED									
	Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Swings	Slides	Sandpile	Merry- Go-Round	Teeter- Totter	Wading Pool
Eat			1							
Rest					2				2	1
Sleep										
Camp					1				1	
Fish										
Check Equipment										
Repair										
Boat										
Total			1		3				3	1

[illegible]

(Day's)

ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

17. Clarion

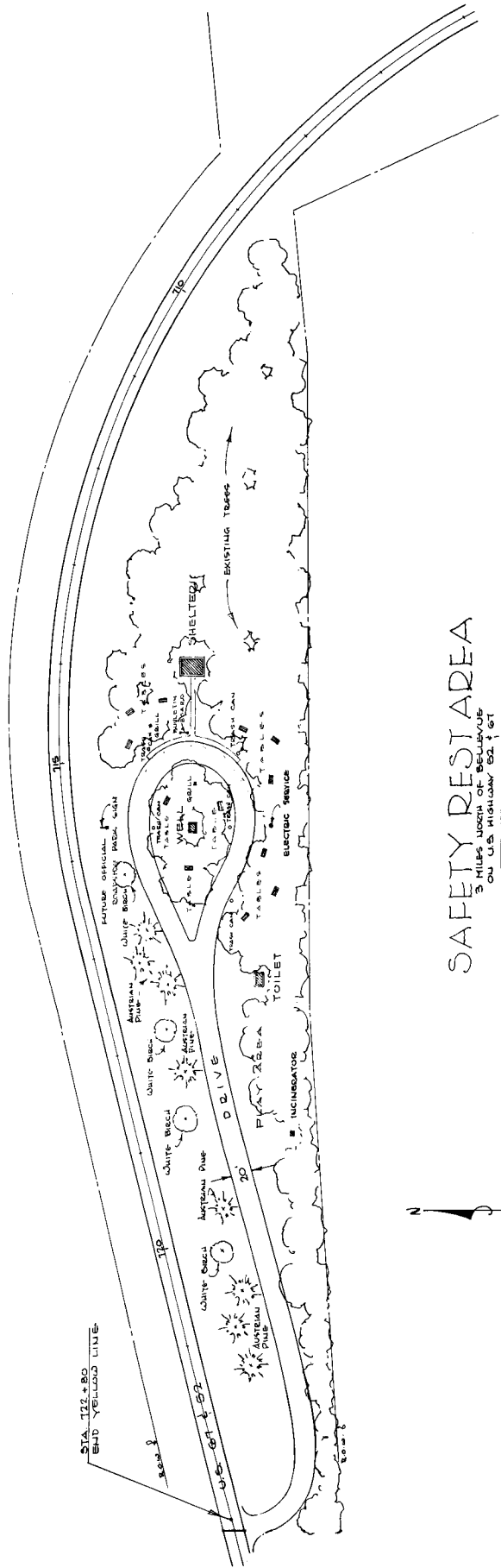
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BELLEVUE

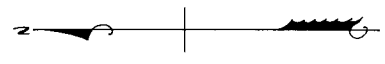
Rest Area # 18 is located 3 miles north of Bellevue on the southwest side of U.S. 52 and U.S. 67 in Jackson County. Established on state owned property, it is furnished and maintained by the Jackson County Conservation Board. It was approved as an Iowa State Highway Commission Rest Area on June 1, 1960. Facilities include 3 trash containers, 8 picnic tables, 3 fireplaces, 2 rest rooms, lights, and running water. Future development will include a trailer camping and parking area to be established on an adjoining 20 acre tract recently acquired by the Conservation Commission.

Traffic entering the rest area was interviewed on Monday, August 13, 1962. Nine passenger cars were interviewed during the sixteen hour interview period from 6 A.M. to 10 P.M. No trucks entered the area during the interview period.



SAFETY REST AREA

3 MILES NORTH OF BELLEVUE
ON U.S. HIGHWAY 52 + 67



STA 102 + 80
END YELLOW LINE

TRAFFIC PASSING REST AREA																
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping	TRIP PURPOSE OF VEHICLES STOPPING					REASON FOR STOPPING							
				Work	Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Camp	Check Equip.	Repair	Fish	Boat
6 AM to 10 AM	226	1	0.44			1			1							
10 AM to 2 PM	270	5	1.85		1	4			3	2						
2 PM to 6 PM	346	2	0.58	1		1				1	1					
6 PM to 10 PM	185	1	0.54		1					1						
Total 6 AM to 10 PM	1027	9	0.88	1	2	6			4	4	1					

Time Period	LENGTH OF STAY			VEHICLE OCCUPANCY					
	Vehicles Inter-viewed	Total Time Spent in Area	Average Length of Stay Per Vehicle	Adults	Children (Under 15 Yrs. of Age)	Total Occu-pants	Average Number of Adults per Vehicle	Average Number of Children Per Vehicle	Average Total Occu-pants Per Vehicle
6 AM to 10 AM	1	1 Hr 5 Min	1 Hr 5 Min	2	3	5	2.0	3.0	5.0
10 AM to 2 PM	5	2 Hrs 10 Min	26 Min	15	5	20	3.0	1.0	4.0
2 PM to 6 PM	2	1 Hr 54 Min	57 Min	3		3	1.5		1.5
6 PM to 10 PM	1	7 Min	7 Min	2		2	2.0		2.0
Total 6 AM to 10 PM	9	5 Hrs 16 Min	35 Min	22	8	30	2.4	0.9	3.3

-69T-

Time Period	Number of Vehicles	FIRST FACILITY USED BY VEHICLE DRIVER										TOTAL VEHICLE USAGE OF FACILITIES									
		Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*	Trash Container	Picnic Table	Fireplace/Grill	Rest Rooms	Electric Outlet	Water	Recreation Equip.	Travel Board	Shelter	Natural*
6 AM to 10 AM	1			1								1	1	1	1		1				
10 AM to 2 PM	5		2		3							2			5		2				
2 PM to 6 PM	2													1	1		1				
6 PM to 10 PM	1				1										1						
Total 6 AM to 10 PM	9		2	1	4							3	1	8		4					

* Lake or Historical Marker

USERS OPINION OF REST AREA

Reason for Stopping	Number of Vehicles	Feel Area is Adequate	Feel Area is not Adequate	Need Electric Outlets	Need Picnic Tables	Need Recreation Equipment	Areas Too Far Apart
Eat	4	4					2
Rest	4	4					1
Sleep	1	1					
Camp							
Fish							
Check Equipment							
Repair							
Boat							
Total	9	9					3

Reason for Stopping	ADDITIONAL FACILITIES REQUESTED									
	Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Swings	Slides	Sandpile	Merry- Go-Round	Teeter- Totter	Wading Pool
Eat										
Rest										
Sleep			1							
Camp										
Fish										
Check Equipment										
Repair										
Boat										
Total			1							

ORIGINAL ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

ORIGIN (STATE)	DESTINATION (STATE)													
	Iowa	Minnesota	Ohio	Virginia	Wisconsin			Total						
Illinois	1	1						2						
Iowa	2				1			3						
Minnesota			1	1				2						
Ohio	1	1						2						
Total	4	2	1	1	1			9						

DAY'S ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

ORIGIN (STATE)	DESTINATION (STATE)													
	Illinois	Iowa	Minnesota	Wisconsin			Total							
Illinois		2	1				3							
Iowa		2		1			3							
Minnesota	1	1					2							
Ohio			1				1							
Total	1	5	2	1			9							

SECTION II

IOWA INTERSTATE ROAD REST AREAS

SUMMARY

Interstate Road rest areas are designated on public right of way property and are maintained by the Iowa State Highway Commission. Grading and paving of these areas is done at the time of Interstate construction as part of the Interstate program. Due to the speed and safety requirements incorporated in Interstate design, Interstate rest area access is much more elaborate than primary access, requiring paved entrance and exit ramps as well as adequate advance signing and paved parking. The divided construction of the Interstate system also requires a separate rest area for each of the two directions of travel. When construction is complete, rest areas will be located at 30 to 35 mile intervals along the Interstate routes.

At the present, rest areas on the completed segments of Iowa Interstate are not developed, with facilities limited to two trash containers in each of the areas in use. These trash containers were placed and are emptied by the Highway Commission to prevent trash accumulation in the areas. Trees have been planted to provide shade and enhance the appearance of the areas in the future.

For this study two of the five completed pairs of areas were selected and designated as numbers 19 and 20 for identification. One pair is located between the Mitchellville and Bondurant interchanges and the other between the Casey and Adair interchanges.

In this section, the results of the Interstate road rest area study are summarized first in a series of charts and tables which pertain to both pairs of Interstate areas studied, followed

by groups of tables which pertain only to each individual rest area.

Interview data presented by four-hour time intervals of the sixteen hour study period include the distribution of rest area traffic, total traffic and percentage of total traffic stopping, reason for stopping, length of stay, and vehicle occupancy. Charts which present both the original and the day's origin and destination of the vehicle drivers interviewed are also included. The user's opinion of the rest areas and a tabulation of requests for additional facilities arranged by the reason for stopping are presented in the total summary as well as for each individual rest area.

The largest volume of rest area traffic was recorded during the 10 A.M. until 2 P.M. time period. 37.5 percent of all interviews were conducted during this period. 25.5 percent of the interviews were conducted from 2 P.M. until 6 P.M., 21.2 percent from 6 A.M. until 10 A.M., and 15.8 percent from 6 P.M. until 10 P.M.

Vacation was the trip purpose of 41.8 percent of all interstate motorists interviewed at the rest areas. Work trips represented 39.7 percent of the interviews, recreation trips 12.5 percent, occupants moving 3.8 percent, and trips to serve passengers 2.2 percent. No shopping or personal business trips were encountered among the vehicle drivers interviewed.

Almost half of the Interstate vehicle drivers interviewed (49.5 percent) had stopped to rest. 25 percent stopped to check

equipment, 12.5 percent to eat, 10.3 to sleep, 2.2 percent to repair vehicle, and 0.5 percent stopped to camp. The vehicle drivers who had used the rest area to check equipment were all operating commercial trucks.

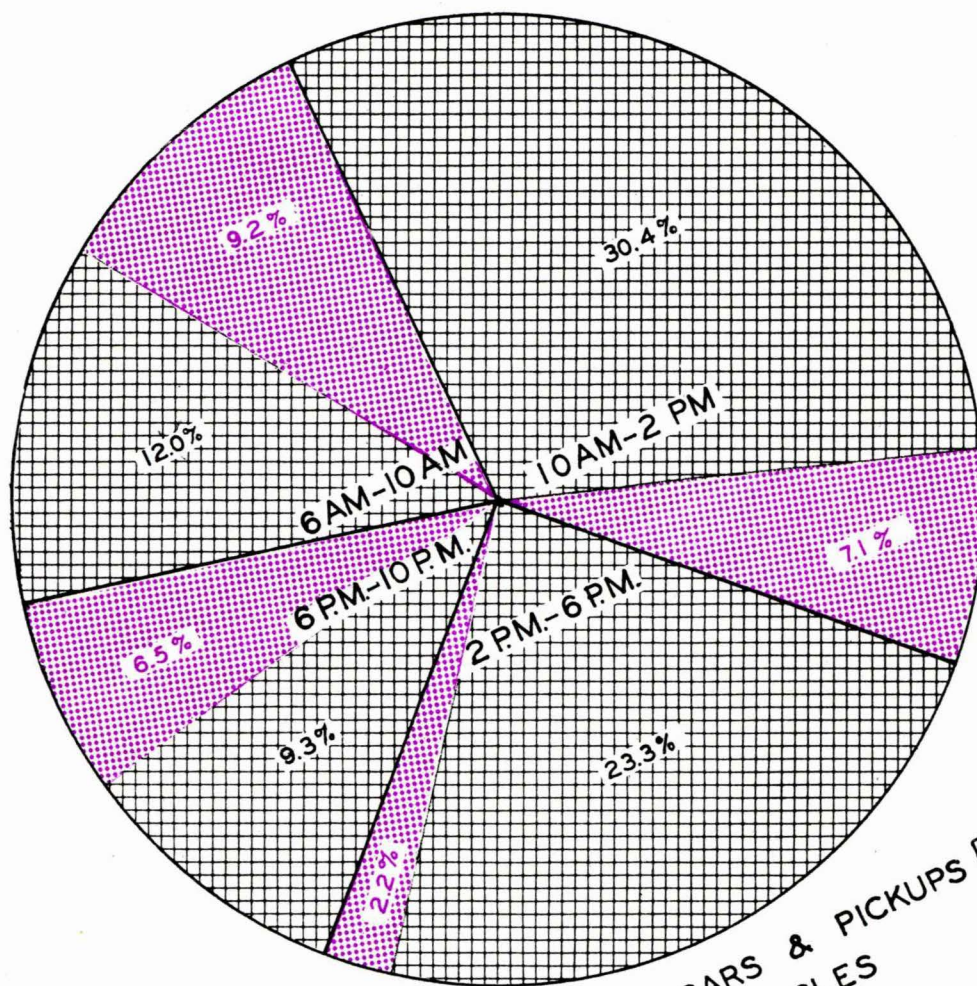
The four-hour period during which the longest average stay was recorded was from 6 A.M. until 10 A.M. when the average length of stay was 86 minutes. From 6 P.M. until 10 P.M., the average stay was 40 minutes, 14 minutes from 10 A.M. until 2 P.M. and 11 minutes from 2 P.M. until 6 P.M. Of all vehicles stopping, the average stay was 33 minutes.

The average vehicle interviewed at Interstate rest areas carried 1.7 adults and 0.9 children under 15 years of age. Total occupancy averaged 2.6 persons per vehicle.

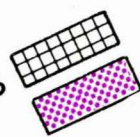
Of all vehicle drivers interviewed at Interstate rest areas, 61.4 percent expressed a need for rest rooms. 60.3 percent of the drivers felt picnic tables should be located in the rest area, 33.2 percent would like recreational equipment, and 25 percent would like water. 23.4 percent felt shelter or shade should be provided, 20.7 percent felt electric outlets were necessary, 4.9 percent requested telephone service, 1.1 percent felt a source of travel information necessary, and 0.5 percent would use benches if provided.

The manner in which data are presented is identical for each of the pairs of Interstate rest areas studied as well as for the summarization of both pairs.

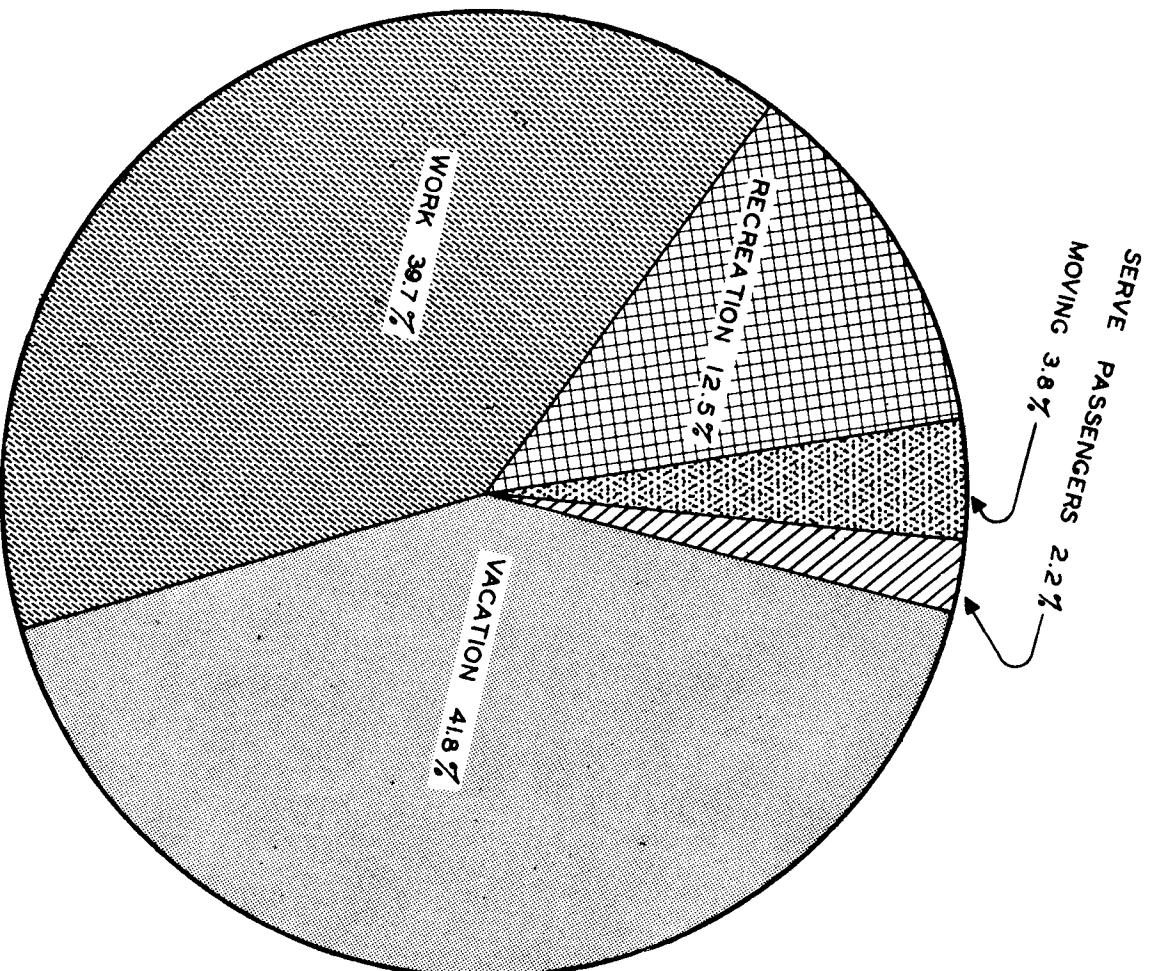
DISTRIBUTION OF TRAFFIC BY TIME PERIOD IN INTERSTATE REST AREAS



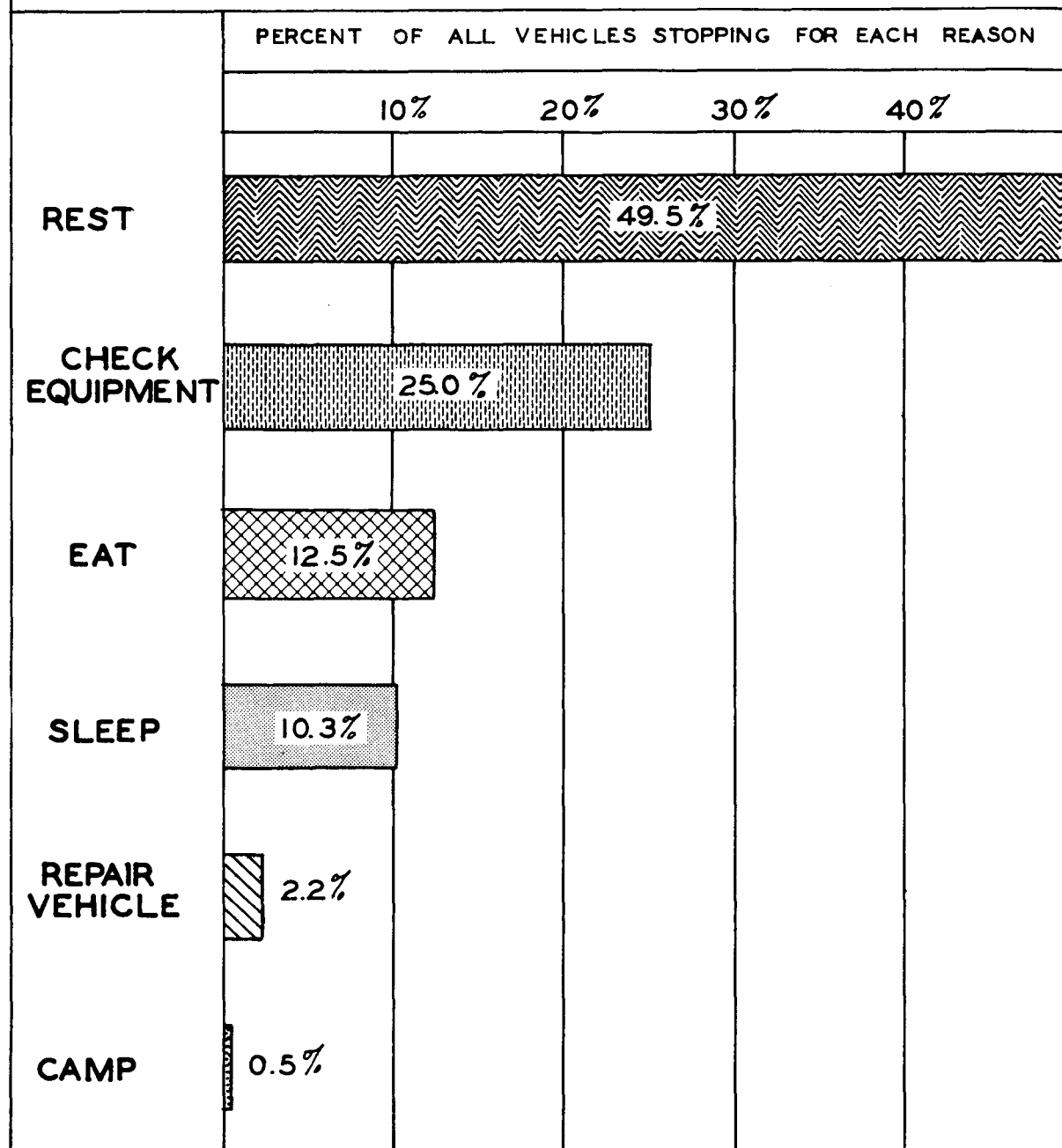
PASSENGER CARS & PICKUPS
COMMERCIAL VEHICLES



TRIP PURPOSE
ALL VEHICLE DRIVERS INTERVIEWED
AT
INTERSTATE REST AREAS



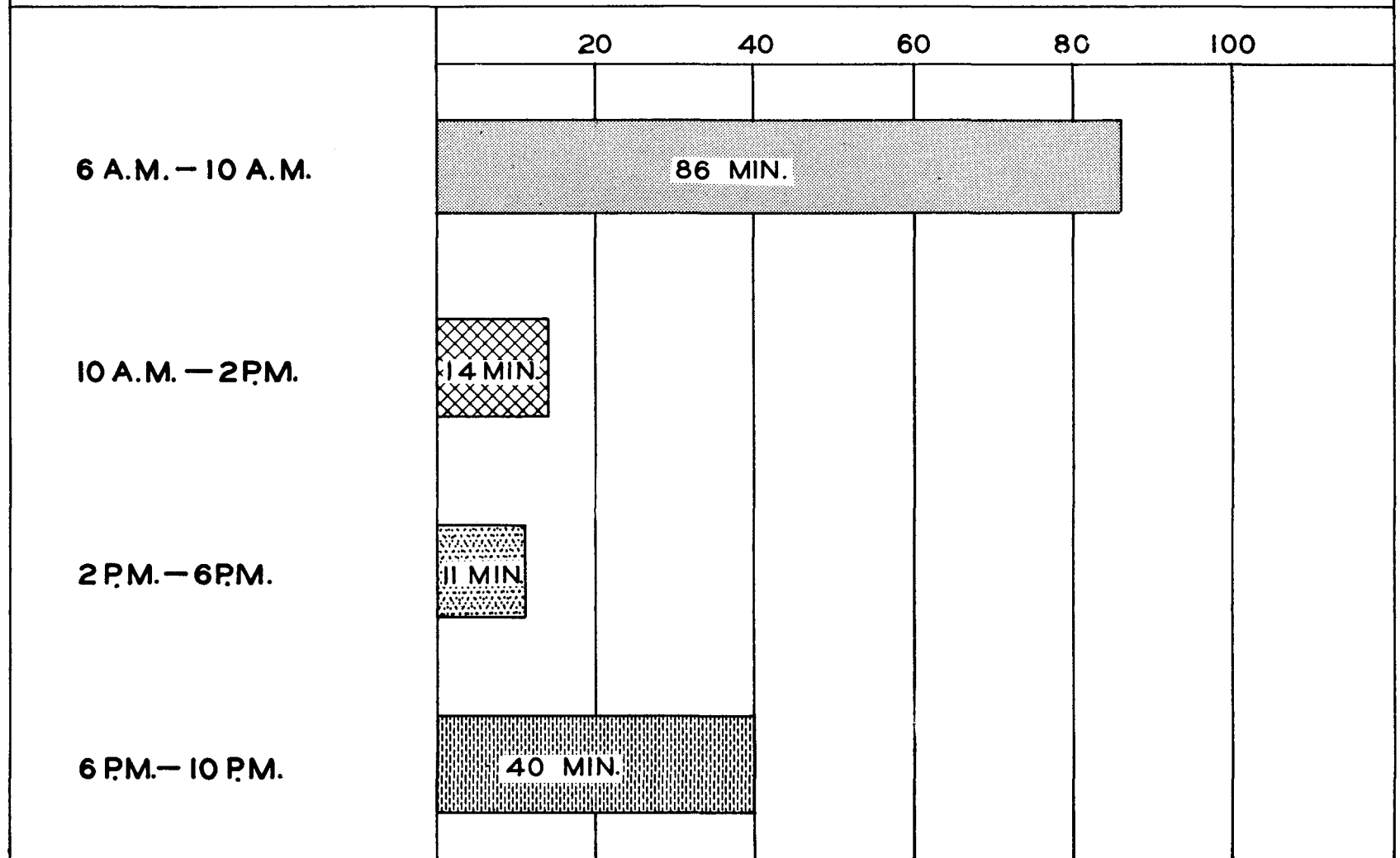
REASON FOR STOPPING ALL VEHICLE DRIVERS INTERVIEWED AT INTERSTATE REST AREAS



Summary of All Interstate Rest Areas Interviewed

TRAFFIC PASSING REST AREA																
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping	TRIP PURPOSE OF VEHICLES STOPPING					REASON FOR STOPPING							
				Work	Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Camp	Check Equip.	Repair	Fish	Boat
6 AM to 10 AM	1701	39	2.29	21	3	14		1	2	14	14		8	1		
10 AM to 2 PM	2401	69	3.38	20	8	36	2	3	11	45	2		10	1		
2 PM to 6 PM	2289	47	2.05	15	9	20	2	1	8	24	1		14			
6 PM to 10 PM	1602	29	1.81	17	3	7		2	2	8	2	1	14	2		
Total 6 AM to 10 PM	7633	184	2.41	73	23	77	4	7	23	91	19	1	46	4		

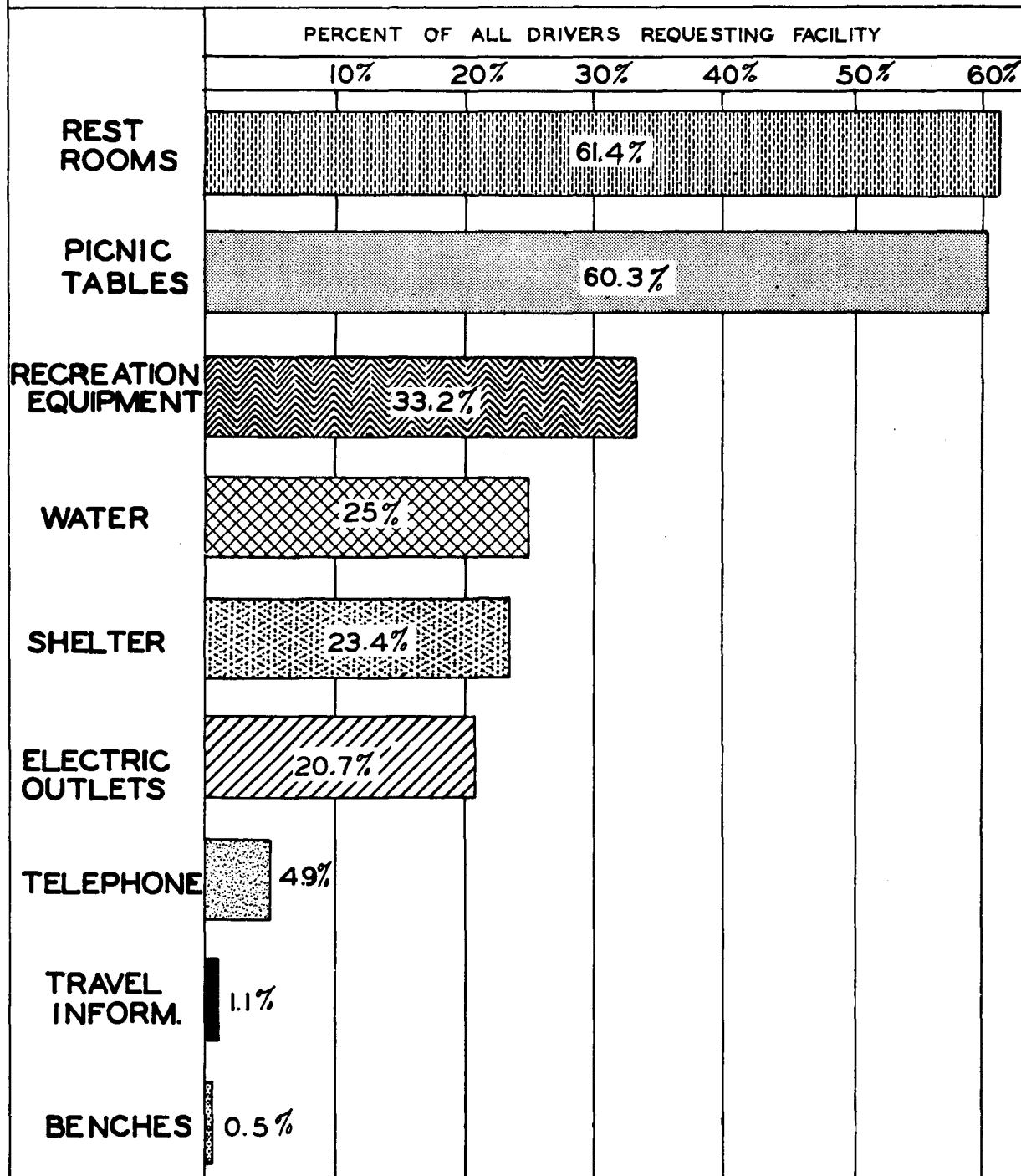
AVERAGE LENGTH OF STAY PER VEHICLE INTERSTATE REST AREAS



Summary of All Interstate Rest Areas Interviewed

Time Period	LENGTH OF STAY			VEHICLE OCCUPANCY					
	Vehicles Inter-viewed	Total Time Spent in Area	Average Length of Stay Per Vehicle	Adults	Children (Under 15 Yrs. of Age)	Total Occu-pants	Average Number of Adults per Vehicle	Average Number of Children Per Vehicle	Average Total Occu-pants Per Vehicle
6 AM to 10 AM	39	56 Hrs 7 Min	1 Hr 26 Min	62	26	88	1.6	0.7	2.3
10 AM to 2 PM	69	15 Hrs 46 Min	14 Min	125	73	198	1.8	1.1	2.9
2 PM to 6 PM	47	8 Hrs 58 Min	11 Min	88	48	136	1.9	1.0	2.9
6 PM to 10 PM	29	19 Hrs 14 Min	40 Min	46	15	61	1.6	0.5	2.1
Total 6 AM to 10 PM	184	100 Hrs 5 Min	33 Min	321	162	483	1.7	0.9	2.6

FACILITIES REQUESTED FOR INTERSTATE ROAD REST AREAS



Summary of All Interstate Rest Areas Interviewed

USERS OPINION OF REST AREA							
Reason for Stopping	Number of Vehicles	Feel Area is Adequate	Feel Area is not Adequate	Need Electric Outlets	Need Picnic Tables	Need Recreation Equipment	Areas Too Far Apart
Eat	23	2	21	5	20	12	10
Rest	91	27	64	21	57	36	30
Sleep	19	9	10	3	7	4	5
Camp	1		1	1	1		1
Fish							
Check Equipment	46	20	26	8	24	8	12
Repair	4	2	2		2	1	2
Boat							
Total	184	60	124	38	111	61	60

Summary of All Interstate Rest Areas Interviewed

Reason for Stopping	ADDITIONAL FACILITIES REQUESTED							
	Rest Rooms	Water	Shelter	Tele- phone	Travel Info. Board	Benches	Swings	Slides
Eat	21	9	10				1	1
Rest	58	27	23	6	1	1	2	2
Sleep	10	4	3					
Camp	1	1						
Fish								
Check Equipment	21	4	6	2	1		1	1
Repair	2	1	1	1				
Boat								
Total	113	46	43	9	2	1	4	4

(Original)

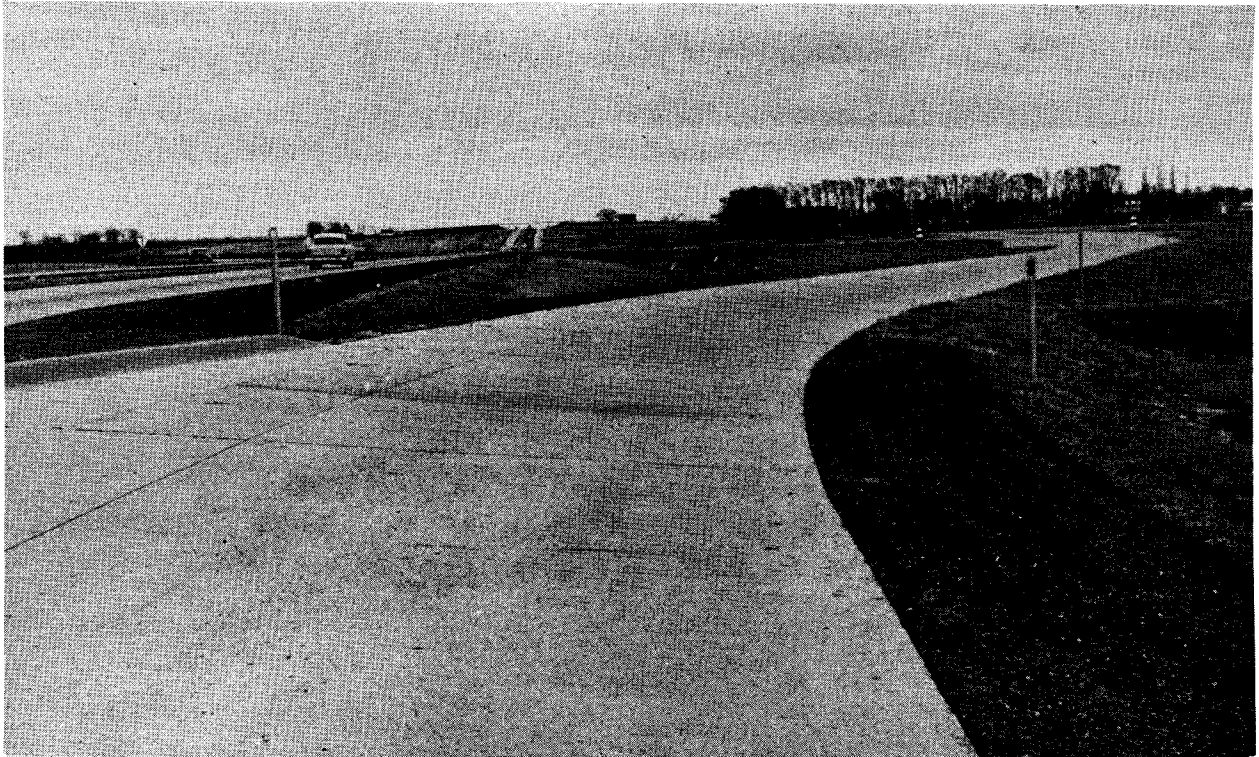
ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED DESTINATION (STATE)

ORIGIN (STATE)	DESTINATION (STATE)																																	
	Alabama	Arizona	California	Canada	Colorado	Connecticut	Dist. Columbia	Illinois	Indiana	Iowa	Kansas	Louisiana	Maine	Maryland	Massachusetts	Michigan	Missouri	Nebraska	New Jersey	New York	Ohio	Oklahoma	Oregon	Texas	Utah	Washington	Wisconsin		Total					
California				1				3	1				1		1	2				1	1								11					
Canada			2																										2					
Colorado				1				3	1	2						1					1								9					
Connecticut		1																											1					
Dist. Columbia																						1							1					
Illinois			2		1					4								10								1	3		21					
Indiana					1												1												2					
Iowa	1		1				1	4		40	3	1				1	1	11		2	1	1	1	1			2	72						
Kansas																											1	1						
Michigan			2		1					1								4							1				9					
Minnesota		1															1												2					
Missouri										1																			1					
Nebraska								9		10			2	1		2			1	5	1								31					
New Hampshire																		1											1					
Nevada																				1									1					
New Jersey			1																								1		2					
New Mexico																					1								1					
New York																		1						1		1			3					
North Carolina																										1			1					
Pennsylvania																								1					1					
South Dakota										1																				1				
Utah								1																						1				
Virginia		1																												1				
Washington						1			1							2														4				
Wisconsin		1			2						1																				4			
Total	1	4	8	2	5	1	1	20	3	59	4	1	3	1	1	8	2	28	1	9	5	1	2	3	2	6	3		184					

(Day¹ s)

ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

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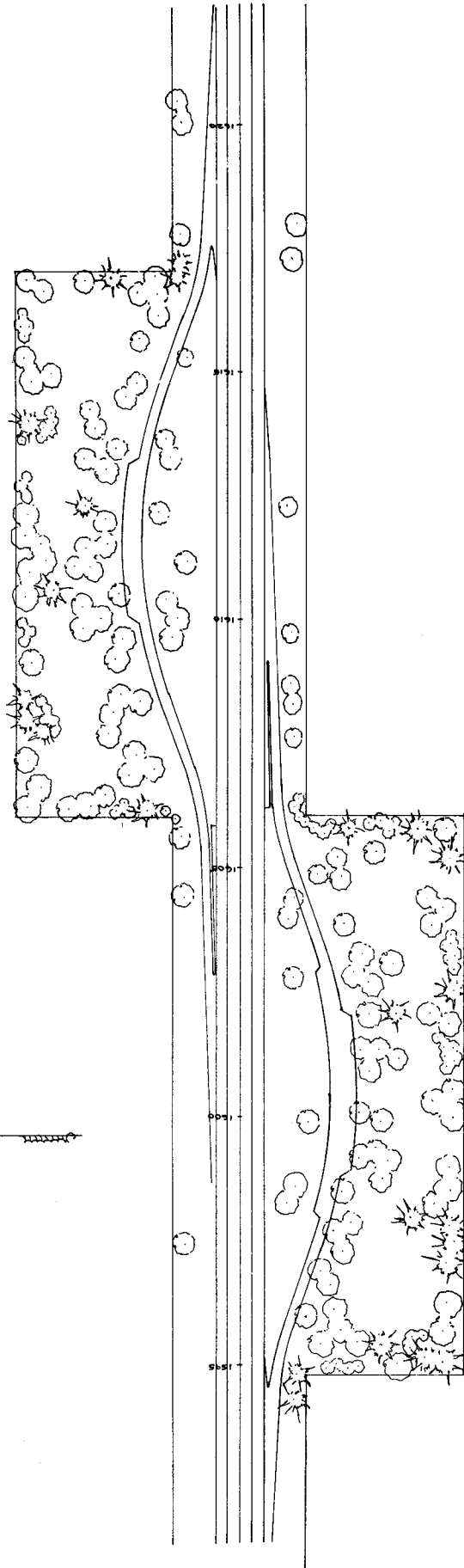


MITCHELLVILLE - BOUNDURANT

Interstate Rest Area # 19 consists of the eastbound and westbound rest areas located on Interstate 80 between the Mitchellville and Boundurant interchanges in Polk County. Data collected at the two rest areas have not been combined so characteristics of usage peculiar to each area can be noted.

Eastbound vehicle drivers in the rest area were interviewed on Wednesday, August 1, 1962, and westbound vehicle drivers on Thursday, August 2, 1962.

Thirty-four passenger car and twenty-two truck drivers were interviewed at the eastbound area and fifteen passenger car and nine truck drivers were interviewed at the westbound area during the sixteen hour interview period from 5 A.M. to 10 P.M.



SAFETY REST AREAS
JASPER-DOLK (R00 50) 148
NEAR MICHELLVILLE



Mitchellville - Bondurant (Eastbound)

TRAFFIC PASSING REST AREA																
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping	TRIP PURPOSE OF VEHICLES STOPPING					REASON FOR STOPPING							
				Work	Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Camp	Check Equip.	Repair	Fish	Boat
6 AM to 10 AM	554	12	2.17	4	1	7			1	6	3		1	1		
10 AM to 2 PM	529	16	3.02	5	1	9	1		4	10			1	1		
2 PM to 6 PM	742	18	2.43	8	3	7			6	10			2			
6 PM to 10 PM	530	10	1.89	10						3	1		6			
Total 6 AM to 10 PM	2355	56	2.38	27	5	23	1		11	29	4		10	2		

TRAFFIC PASSING REST AREA																
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping	TRIP PURPOSE OF VEHICLES STOPPING					REASON FOR STOPPING							
				Work	Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Camp	Check Equip.	Repair	Fish	Boat
6 AM to 10 AM	534	4	0.75	3		1				3	1					
10 AM to 2 PM	707	10	1.41	6	2	2				7			3			
2 PM to 6 PM	727	6	0.83	1	3	2				2	1		3			
6 PM to 10 PM	496	4	0.81	2	1	1				1	1	1	1			
Total 6 AM to 10 PM	2464	24	0.97	12	6	6				13	3	1	7			

Mitchellville - Bondurant (Eastbound)

Time Period	LENGTH OF STAY			VEHICLE OCCUPANCY					
	Vehicles Inter-viewed	Total Time Spent in Area	Average Length of Stay Per Vehicle	Adults	Children (Under 15 Yrs. of Age)	Total Occu-pants	Average Number of Adults per Vehicle	Average Number of Children Per Vehicle	Average Total Occu-pants Per Vehicle
6 AM to 10 AM	12	13 Hrs 46 Min	1 Hr 9 Min	25	7	32	2.1	0.6	2.7
10 AM to 2 PM	16	2 Hrs 54 Min	11 Min	31	16	47	1.9	1.0	2.9
2 PM to 6 PM	18	4 Hrs 47 Min	16 Min	34	21	55	1.9	1.2	3.1
6 PM to 10 PM	10	3 Hrs 26 Min	21 Min	11	-	11	1.1	-	1.1
Total 6 AM to 10 PM	56	24 Hrs 53 Min	27 Min	101	44	145	1.8	0.8	2.6

Westbound Mitchellville - Bondurant

Time Period	LENGTH OF STAY			VEHICLE OCCUPANCY					
	Vehicles Inter-viewed	Total Time Spent in Area	Average Length of Stay Per Vehicle	Adults	Children (Under 15 Yrs. of Age)	Total Occu-pants	Average Number of Adults per Vehicle	Average Number of Children Per Vehicle	Average Total Occu-pants Per Vehicle
6 AM to 10 AM	4	4 Hrs 39 Min	1 Hr 10 Min	5	3	8	1.3	0.7	2.0
10 AM to 2 PM	10	57 Min	6 Min	15	5	20	1.5	0.5	2.0
2 PM to 6 PM	6	51 Min	9 Min	11	8	19	1.8	1.3	3.1
6 PM to 10 PM	4	11 Hrs 45 Min	2 Hrs 56 Min	6	1	7	1.5	0.3	1.8
Total 6 AM to 10 PM	24	18 Hrs 12 Min	46 Min	37	17	54	1.5	0.7	2.2

Mitchellville - Bondurant (Eastbound)

USERS OPINION OF REST AREA							
Reason for Stopping	Number of Vehicles	Feel Area is Adequate	Feel Area is not Adequate	Need Electric Outlets	Need Picnic Tables	Need Recreation Equipment	Areas Too Far Apart
Eat	11	1	10	1	9	5	3
Rest	29	8	21	6	18	11	9
Sleep	4	3	1		1		
Camp							
Fish							
Check Equipment	10	3	7	3	6		4
Repair	2	2					
Boat							
Total	56	17	39	10	34	16	16

Mitchellville - Bondurant (Eastbound)

Reason for Stopping	ADDITIONAL FACILITIES REQUESTED							
	Rest Rooms	Water	Shelter	Tele- phone	Travel Info. Board	Benches	Swings	Slides
Eat	11	4	4					
Rest	19	8	3	3		1		
Sleep	1							
Camp								
Fish								
Check Equipment	6	1	1					
Repair								
Boat								
Total	37	13	8	3		1		

Mitchellville - Bondurant (Westbound)

USERS OPINION OF REST AREA							
Reason for Stopping	Number of Vehicles	Feel Area is Adequate	Feel Area is not Adequate	Need Electric Outlets	Need Picnic Tables	Need Recreation Equipment	Areas Too Far Apart
Eat							
Rest	13	2	11	3	8	4	2
Sleep	3	1	2		2		2
Camp	1		1	1	1		1
Fish							
Check Equipment	7	1	6	1	5	3	4
Repair							
Boat							
Total	24	4	20	5	16	7	9

Mitchellville - Bondurant (Westbound)

Reason for Stopping	ADDITIONAL FACILITIES REQUESTED							
	Rest Rooms	Water	Shelter	Tele- phone	Travel Info. Board	Benches	Swings	Slides
Eat								
Rest	10	5	3					
Sleep	2	1	2					
Camp	1	1						
Fish								
Check Equipment	5	3	2	1	1			
Repair								
Boat								
Total	18	10	7	1	1			

ORIGINAL ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

ORIGIN (STATE)	DESTINATION (STATE)													
	Alabama	Ontario Canada	Dist Columbia	Illinois	Indiana	Iowa	Louisiana	Maryland	Massachusetts	Michigan	New York	Ohio	Wisconsin	Total
California		1		2	1				1		1	2		8
Colorado				1	1	1				1				4
Iowa	1		1	2		18	1			1	1	1	2	28
Kansas													1	1
Missouri						1								1
Nebraska				5				1		1	1	1		9
Nevada											1			1
South Dakota						1								1
Utah				1										1
Washington										2				2
Total	1	1	1	11	2	21	1	1	1	5	4	4	3	56

DAY'S ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

ORIGIN (STATE)	DESTINATION (STATE)															
	Alabama	Illinois	Iowa	Louisiana	Michigan	New York	Ohio	Wisconsin		Total						
California		1				1				2						
Iowa	1	6	23	1	1					32						
Kansas								1		1						
Missouri			1							1						
Nebraska		10	4			1	1			16						
South Dakota			1							1						
Utah		1								1						
* Rest Area					1		1			2						
Total	1	18	29	1	2	2	2	1		56						

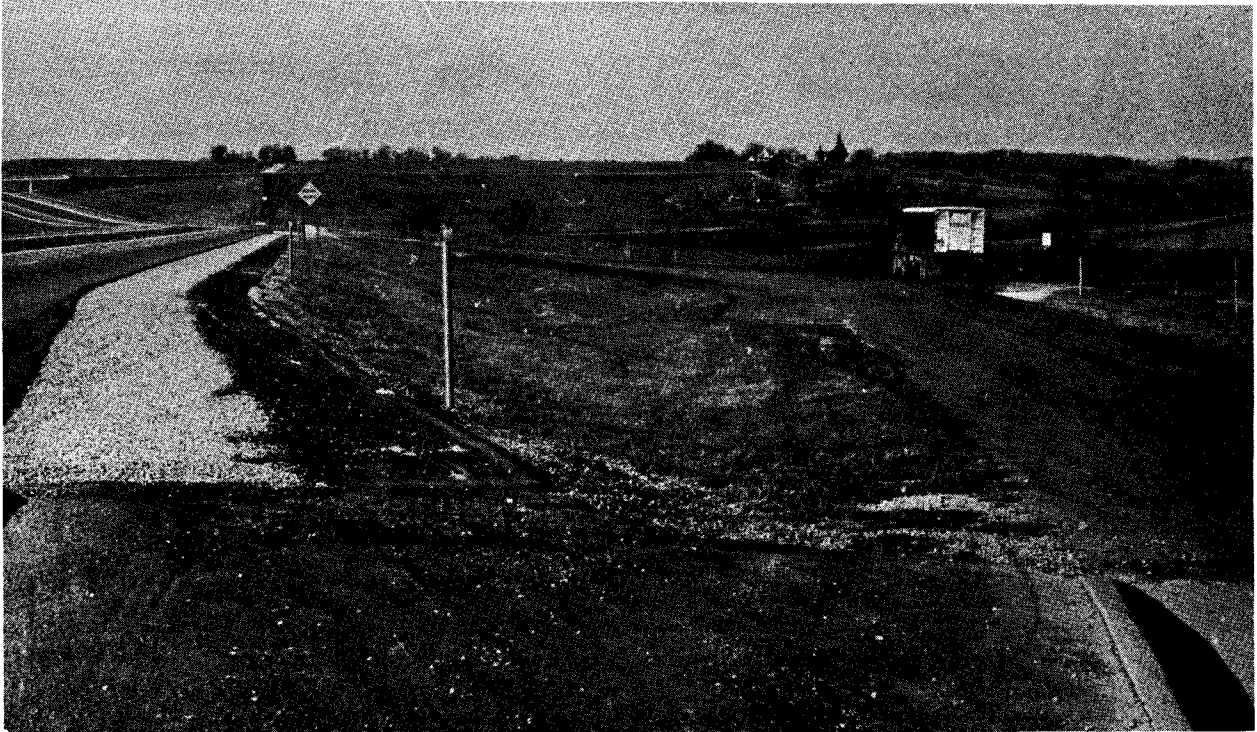
* Indicates overnight stop at rest area
Distant origins and destinations indicate vehicles which have relief driver and make no significant stops

ORIGINAL ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

ORIGIN (STATE)	DESTINATION (STATE)												
	California	Colorado	Iowa	Missouri	Nebraska	Oklahoma	Texas	Utah	Washington		Total		
Ontario Canada	1										1		
Illinois	1		2		2			1	1		7		
Indiana		1									1		
Iowa			8	1		1					10		
Michigan			1					1			2		
New York							1		1		2		
Wisconsin		1									1		
Total	2	2	11	1	2	1	1	2	2		24		

DAY'S ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

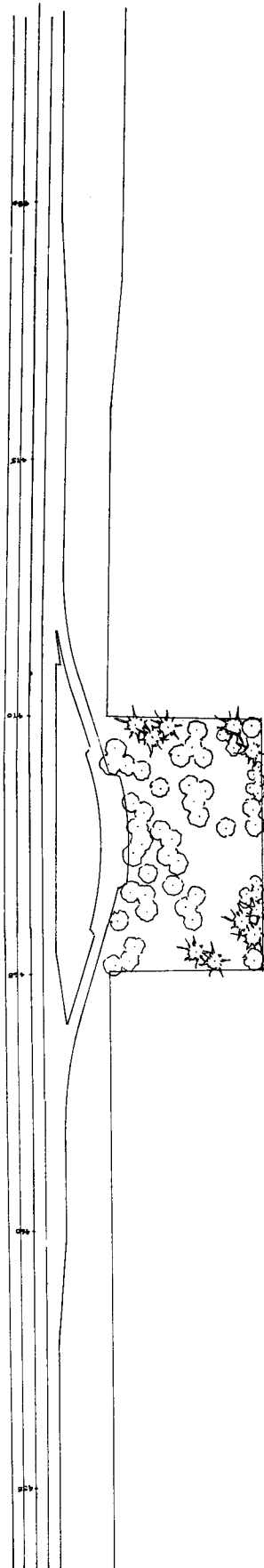
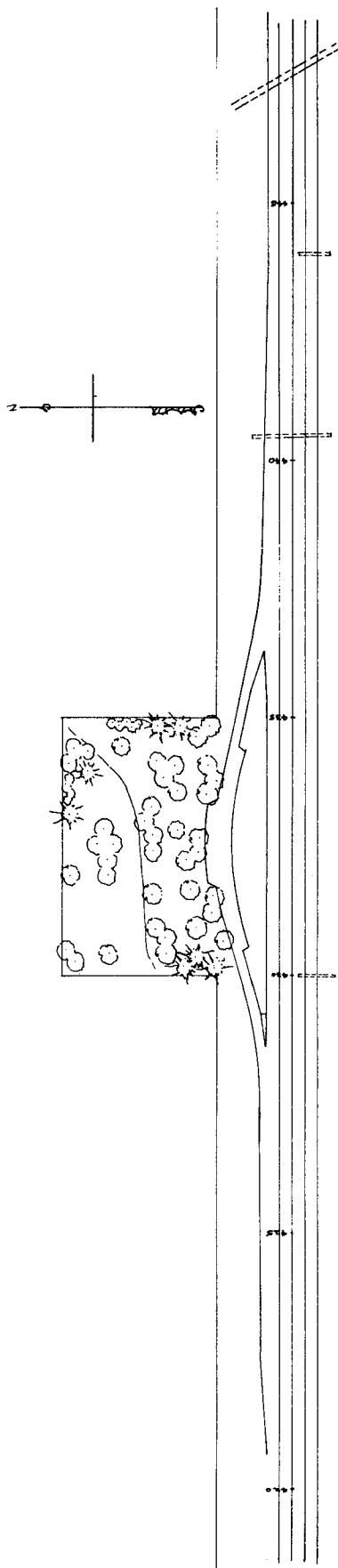
ORIGIN (STATE)	DESTINATION (STATE)												
	Colorado	Iowa	Kansas	Nebraska	Texas	Utah		Total					
Illinois		3		2				5					
Indiana	1	1						2					
Iowa		10	1	1				12					
Michigan		1				1		2					
New York					1			1					
Wisconsin				1				1					
Rest Area				1				1					
Total	1	15	1	5	1	1		24					



CASEY - ADAIR

Rest Area # 20 consists of the eastbound and westbound rest areas located on Interstate 80 between the Casey and Adair interchanges in Adair County. Data collected at the two rest areas have not been combined.

Eastbound vehicle drivers in the rest areas were interviewed on Friday, August 3, 1962★ and westbound vehicle drivers on Monday, August 6, 1962. Thirty-three passenger car and nine truck drivers were interviewed at the eastbound area, and fifty-one passenger car and eleven truck drivers were interviewed at the westbound area during the sixteen hour interview period from 6 A.M. to 10 P.M.



SAFETY REST AREAS

ADAIR CO I-80-2(10)8Z

NEAR CASEY



Casey-Adair (Eastbound)

TRAFFIC PASSING REST AREA																
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping	TRIP PURPOSE OF VEHICLES STOPPING					REASON FOR STOPPING							
				Work	Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Camp	Check Equip.	Repair	Fish	Boat
6 AM to 10 AM	300	12	4.00	7	1	4				1	6		5			
10 AM to 2 PM	424	18	4.25	5	3	10			2	12	1		3			
2 PM to 6 PM	459	8	1.74	2		5	1		1	4			3			
6 PM to 10 PM	333	4	1.20		1	3				1			1	2		
Total 6 AM to 10 PM	1516	42	2.77	14	5	22	1		3	18	7		12	2		

TRAFFIC PASSING REST AREA																
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping	TRIP PURPOSE OF VEHICLES STOPPING					REASON FOR STOPPING							
				Work	Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Camp	Check Equip.	Repair	Fish	Boat
6 AM to 10 AM	313	11	3.51	7	1	2		1	1	4	4		2			
10 AM to 2 PM	381	25	6.56	4	2	15	1	3	5	16	1		3			
2 PM to 6 PM	361	15	4.16	4	3	6	1	1	1	8			6			
6 PM to 10 PM	243	11	4.53	5	1	3		2	2	3			6			
Total 6 AM to 10 PM	1298	62	4.78	20	7	26	2	7	9	31	5		17			

Casey - Adair (Eastbound)

Time Period	LENGTH OF STAY			VEHICLE OCCUPANCY					
	Vehicles Inter-viewed	Total Time Spent in Area	Average Length of Stay Per Vehicle	Adults	Children (Under 15 Yrs. of Age)	Total Occu-pants	Average Number of Adults per Vehicle	Average Number of Children Per Vehicle	Average Total Occu-pants Per Vehicle
6 AM to 10 AM	12	19 Hrs 53 Min	1 Hr 39 Min	15	4	19	1.3	0.3	1.6
10 AM to 2 PM	18	2 Hrs 42 Min	9 Min	30	20	50	1.7	1.1	2.8
2 PM to 6 PM	8	1 Hr 9 Min	9 Min	17	9	26	2.1	1.1	3.2
6 PM to 10 PM	4	53 Min	13 Min	9	3	12	2.3	0.7	3.0
Total 6 AM to 10 PM	42	24 Hrs 37 Min	35 Min	71	36	107	1.7	0.9	2.6

Time Period	Vehicles Inter-viewed	Total Time Spent in Area	Average Length of Stay Per Vehicle	Adults	Children (Under 15 Yrs. of Age)	Total Occu-pants	Average Number of Adults per Vehicle	Average Number of Children Per Vehicle	Average Total Occu-pants Per Vehicle
6 AM to 10 AM	11	27 Hrs 49 Min	2 Hrs 32 Min	17	12	29	1.5	1.1	2.6
10 AM to 2 PM	25	9 Hrs 13 Min	22 Min	49	32	81	2.0	1.3	3.3
2 PM to 6 PM	15	2 Hrs 11 Min	9 Min	26	10	36	1.7	0.7	2.4
6 PM to 10 PM	11	3 Hrs 10 Min	17 Min	20	11	31	1.8	1.0	2.8
Total 6 AM to 10 PM	62	42 Hrs 23 Min	41 Min	112	65	177	1.8	1.0	2.8

Casey - Adair (Eastbound)

USERS OPINION OF REST AREA							
Reason for Stopping	Number of Vehicles	Feel Area is Adequate	Feel Area is not Adequate	Need Electric Outlets	Need Picnic Tables	Need Recreation Equipment	Areas Too Far Apart
Eat	3		3	1	3	2	2
Rest	18	3	15	7	14	9	10
Sleep	7	3	4		1	1	
Camp							
Fish							
Check Equipment	12	8	4	1	4	2	2
Repair	2		2		2	1	2
Boat							
Total	42	14	28	9	24	15	16

Casey - Adair (Eastbound)

Reason for Stopping	ADDITIONAL FACILITIES REQUESTED							
	Rest Rooms	Water	Shelter	Tele- phone	Travel Info. Board	Benches	Swings	Slides
Eat	2	1	1					
Rest	13	5	7	2	1			
Sleep	4	1						
Camp								
Fish								
Check Equipment	4		1					
Repair	2	1	1	1				
Boat								
Total	25	8	10	3	1			

Casey - Adair (Westbound)

USERS OPINION OF REST AREA

Reason for Stopping	Number of Vehicles	Feel Area is Adequate	Feel Area is not Adequate	Need Electric Outlets	Need Picnic Tables	Need Recreation Equipment	Areas Too Far Apart
Eat	9	1	8	3	8	5	5
Rest	31	14	17	5	17	12	9
Sleep	5	2	3	3	3	3	3
Camp							
Fish							
Check Equipment	17	8	9	3	9	3	2
Repair							
Boat							
Total	62	25	37	14	37	23	19

Casey - Adair (Westbound)

Reason for Stopping	ADDITIONAL FACILITIES REQUESTED							
	Rest Rooms	Water	Shelter	Tele- phone	Travel Info. Board	Benches	Swings	Slides
Eat	8	4	5				1	1
Rest	16	9	10	1			2	2
Sleep	3	2	1					
Camp								
Fish								
Check Equipment	6		2	1			1	1
Repair								
Boat								
Total	33	15	18	2			4	4

ORIGINAL ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

ORIGIN (STATE)	DESTINATION (STATE)														
	Connecticut	Illinois	Indiana	Iowa	Maine	Michigan	New Jersey	New York	Ohio		Total				
California		1			1	2					4				
Colorado		2		1					1		4				
Iowa		2		6				1			9				
Nebraska		4		10	2	1	1	4			22				
New Mexico									1		1				
Washington	1		1								2				
Total	1	9	1	17	3	3	1	5	2		42				

DAY'S ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

ORIGIN (STATE)	DESTINATION (STATE)														
	Illinois	Indiana	Iowa	Maine	Michigan	New York		Total							
Iowa	2		7					9							
Kansas			1					1							
Nebraska	8		15	1	1	3		28							
Washington		1						1							
Wyoming			1					1							
Rest Area	1		1					2							
Total	11	1	25	1	1	3		42							

(ORIGINAL)

ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

[illegible]

(Day's)

ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED	
	DESTINATION (STATE)
1	ALABAMA
2	ALASKA
3	ARIZONA
4	ARKANSAS
5	CALIFORNIA
6	COLORADO
7	CONNECTICUT
8	DELAWARE
9	FLORIDA
10	GEORGIA
11	ILLINOIS
12	INDIANA
13	IOWA
14	KANSAS
15	KENTUCKY
16	LOUISIANA
17	MAINE
18	MARYLAND
19	MASSACHUSETTS
20	MICHIGAN
21	MINNESOTA
22	MISSISSIPPI
23	MISSOURI
24	MONTANA
25	NEBRASKA
26	NEVADA
27	NEW HAMPSHIRE
28	NEW JERSEY
29	NEW MEXICO
30	NEW YORK
31	NORTH CAROLINA
32	NORTH DAKOTA
33	OHIO
34	OKLAHOMA
35	OREGON
36	PENNSYLVANIA
37	RHODE ISLAND
38	SOUTH CAROLINA
39	SOUTH DAKOTA
40	TENNESSEE
41	TEXAS
42	UTAH
43	VERMONT
44	VIRGINIA
45	WASHINGTON
46	WEST VIRGINIA
47	WISCONSIN
48	WYOMING
49	ALL OTHERS
50	UNKNOWN

Casey-Adair (Westbour

[illegible]

SECTION III SIGNING OF REST AREAS

Rest areas on the primary system are generally signed by black legend on white background signs bearing "Roadside Park 1 Mile", or "Roadside Park Ahead", depending upon suitability. The message "Roadside Park 1 mile" is the most widely used. Specifications of this sign can be found on page 215. This method of signing generally does not include an entrance sign. It can be noted that some of the drivers interviewed suggested a need for entrance signs, particularly in rest area locations which are not readily visible to the motorist approaching on the highway.

In January, 1963, a new signing method was adopted for primary rest areas which will consist of an advance sign located one-half mile from the rest area entrance and an entrance sign at the access to the rest area. Both sign types will be twenty-four inches square with reflective white letters and border on a reflective blue background. It is felt that the adoption of new entrance marking signs will resolve the need expressed by motorists who had commented on the signs now used. Erection of the new signs has begun, but it is expected to be several years before all of the older signs are replaced.

Specifications of the new "Rest Area" signs can be also be found on page 215.

The signing of Interstate road rest areas is accomplished through the use of variable combinations using two of four different sign types.

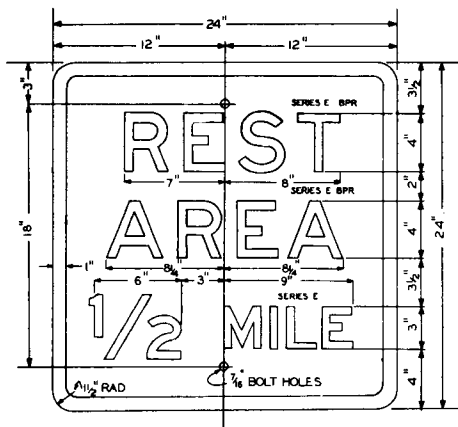
As an advance sign, the message "Rest Area 2 Miles" is preferred. In cases where a situation such as the location of an Interchange prevents the placement of a sign 2 miles in advance of a rest area, a sign bearing "Rest Area 1 Mile" may be used as an alternative. The signs now being erected have reflective white lettering and border on a reflective blue background and are 6 feet high and 14 feet wide.

At or in advance of the beginning of the deceleration lane, signs of the same color combination are used which may either state "Rest Area Right Lane" or "Rest Area" and an arrow instead of the "Right Lane" Legend, depending upon locality and suitability. These signs are 5 feet high and 10 feet wide. Specifications of the four sign types can be found on page 216.

A green reflectorized legend on a white reflectorized background was previously used on rest area signs, and will not be replaced by the newer white-on-blue type unless warranted by deterioration or damage.

REST AREA 1/2 MILE

IOWA STATE HIGHWAY COMMISSION



BLANK X-5

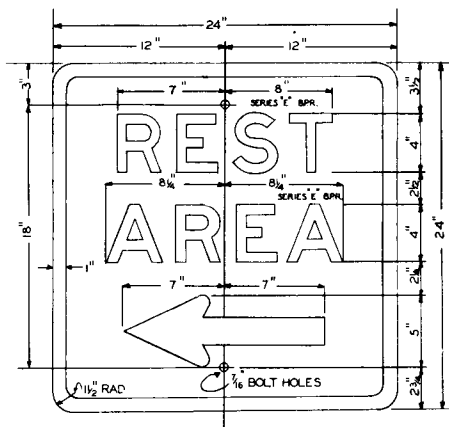
DESIGN SHOWS FINISHED WORK
LETTERS & BORDER - SMOOTH SILVER REFLECTOR COATING
BACKGROUND - BLUE REFLECTOR COATING
SCALE - 3/16 INCH = 1 INCH

OCTOBER 15, 1962

D3-5

REST AREA SIGN LEFT ARROW

IOWA STATE HIGHWAY COMMISSION



BLANK X-5

DESIGN SHOWS FINISHED WORK
LETTERS & BORDER - SMOOTH SILVER REFLECTOR COATING
BACKGROUND - BLUE REFLECTOR COATING
SCALE - 3/16 INCH = 1 INCH

OCTOBER 4, 1962

D3-7

ROADSIDE PARK

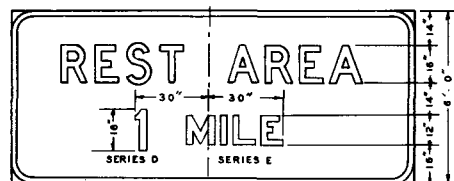
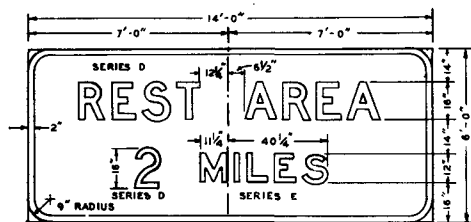
IOWA STATE HIGHWAY COMMISSION



DESIGN SHOWS FINISHED WORK
LETTERS AND BORDER - SOLID BLACK
BACKGROUND - WHITE
SCALE 1/4 INCH = 1 INCH
METAL THICKNESS - 16 GAUGE STEEL OR 0.081" ALUMINUM

REVISED SEPT. 14, 1956

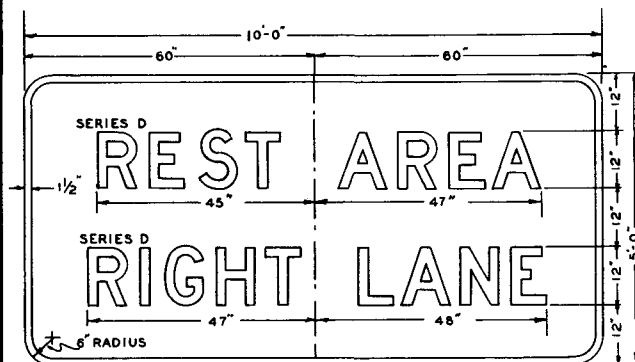
D-80



SCALE: $\frac{3}{8}$ INCH = 1 FOOT

R	3.75	E	3.00	S	3.00	T	A	2.98	R	3.75	E	2.00	A
10.75	9.75	10.75	9.75	13.38	2.98	10.75	3.75	9.75	2.00	13.38			
2	17.00	M	11.06	3.10	2.06	3.10	L	8.81	2.50	E	2.50	S	9.56
10.75													
I	16.66	M	11.06	3.10	2.06	3.10	L	8.81	2.50	E	2.50	S	9.56
3.86													

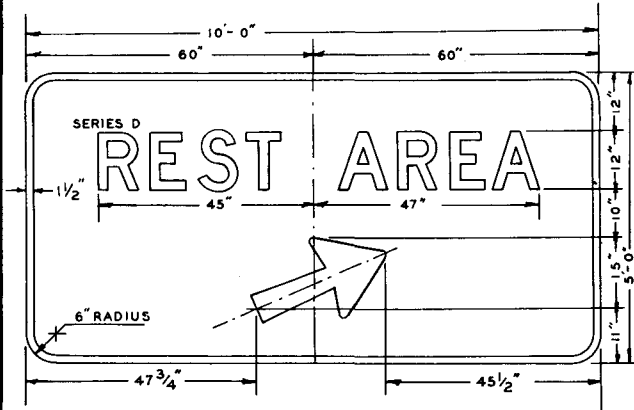
REST AREA 2 MILES ----- (MI-90)
REST AREA 1 MILE ----- (MI-91)



SCALE: $\frac{3}{4}$ INCH = 1 FOOT

R	2.81	E	2.25	S	2.20	T	A	2.25	R	2.82	E	1.50	A
8.06	7.31	8.06	8.06	7.31	10.03	2.25	8.06	2.82	7.31	1.50	10.03		
R	2.78	I	1.88	2.81	G	2.78	H	2.25	T				
8.06				8.06		8.06		2.25	7.31				
L	1.50	A	2.13	N	2.75	E							
7.31	10.03	8.06	7.31										

(MI-100)



SCALE: $\frac{3}{4}$ INCH = 1 FOOT
ARROW CODE: 2-29 1/4-24

R	2.81	E	2.25	S	2.20	T	A	2.25	R	2.82	E	1.50	A
8.06	7.31	8.06	8.06	7.31	10.03	2.25	8.06	2.82	7.31	1.50	10.03		
A	2.25	R	2.82	E	1.50	A							
10.03	8.06	7.31	1.50	10.03									

(MI-101)

NOTE: = Signs MI-90, MI-91, MI-100 & MI-101 are type "B" signs and shall be constructed with backing material composed of extruded aluminum sign panels and shall have detachable copy.

LETTER WIDTH AND INTERLETTER SPACES =
Shown in the charts below the signs.
Dimensions are in inches.

COLOR = Letters, numerals, symbols, and borders shall be smooth silver reflective sheeting on cutout sheet aluminum base material.
Background shall be smooth blue reflective sheeting.

POSTS = MI-90 & MI-91 2 posts per sign - 6WF20
MI-100 & MI-101 2 posts per sign - 6WF15.5

SCALE = As indicated on each drawing.

DESIGN DETAILS FOR INTERSTATE REST AREA GUIDE SIGNS

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3 1723 02101 7363