

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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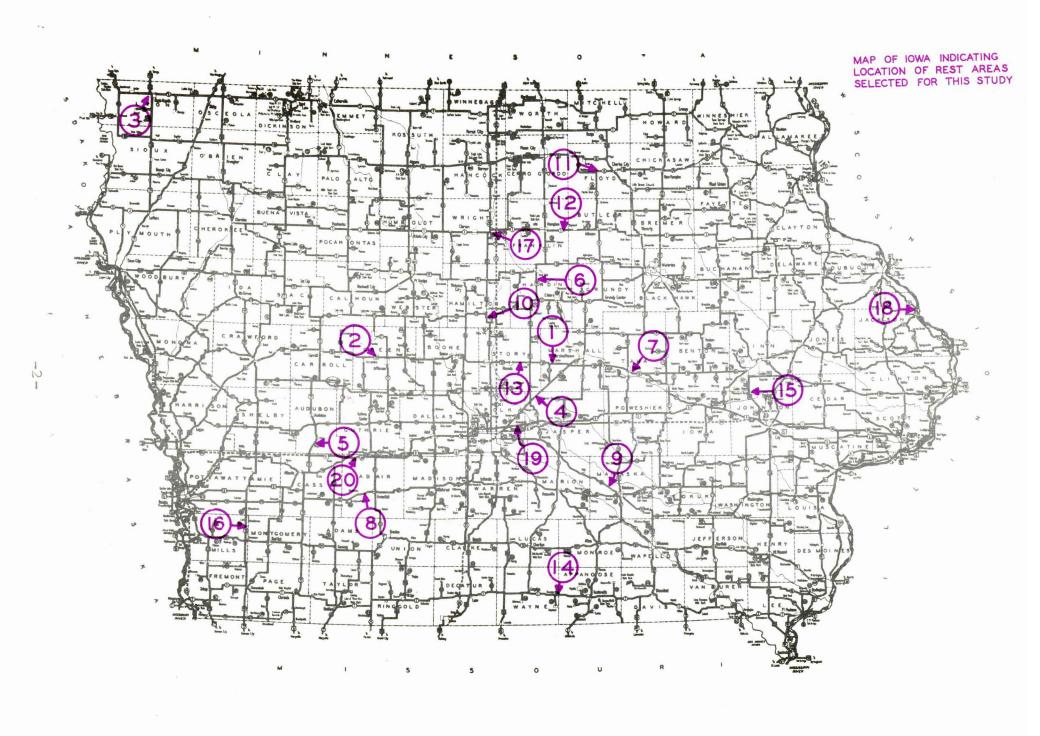
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FOREWARD

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.



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 high-ways 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.

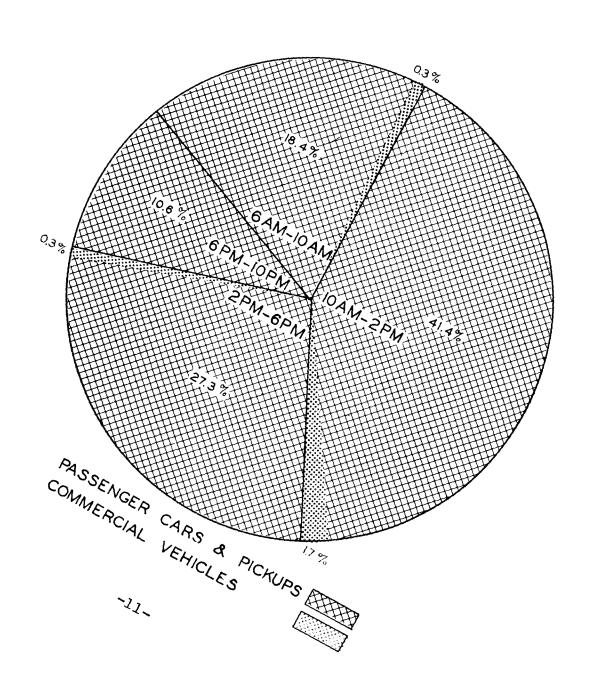
Occupants of 46.8 percent of all vehicles entering the primary road rest areas used picnic tables, 42.8 percent used rest rooms, 26.4 percent used trash containers, 18.7 percent used water, and 4.9 percent used natural facilities (lake or historical marker). Occupants of 4.9 percent of all vehicles used 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.

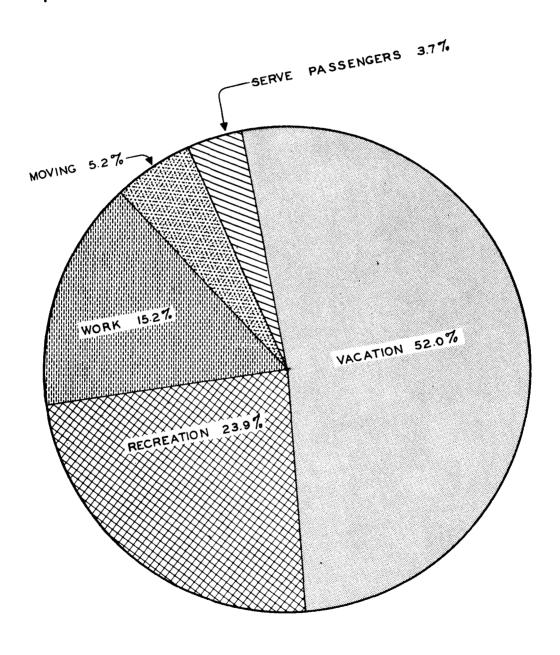
Although the specific distance desired between rest areas was not asked in the course of the interviews, 84 or 24.1 percent of the drivers interviewed at primary rest areas did offer an opinion which was noted and recorded by the interviewer. Of the opinions received, 35 percent desired intervals of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

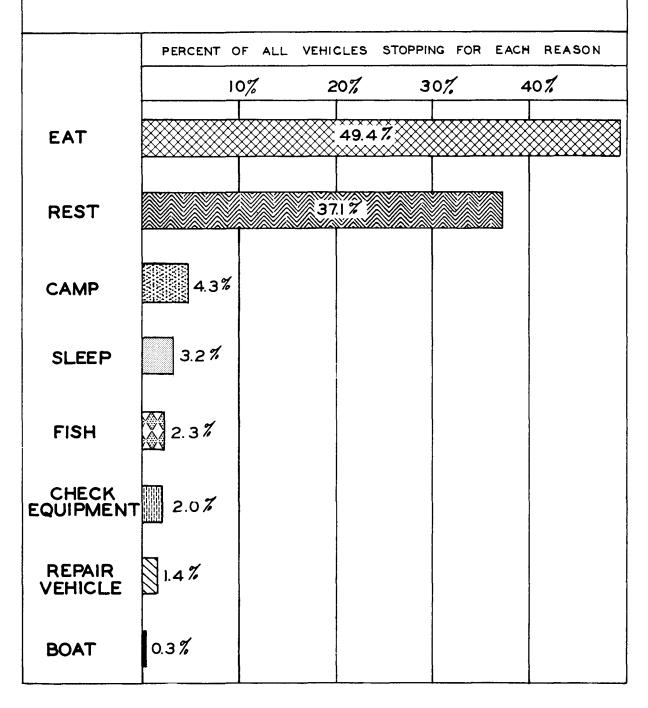
DISTRIBUTION OF TRAFFIC REST AREAS



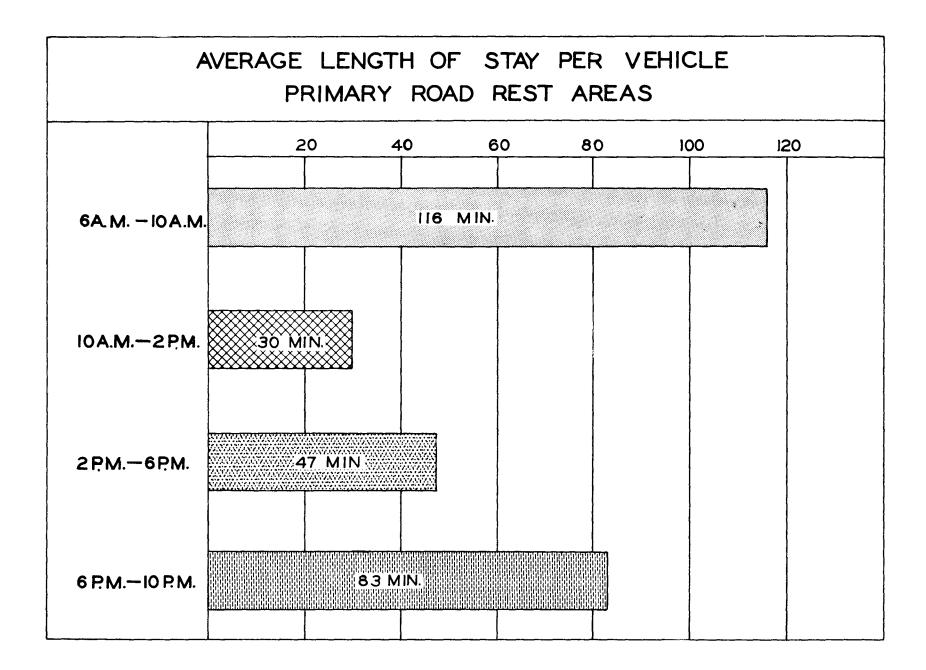
TRIP PURPOSE OF ALL VEHICLE DRIVERS INTERVIEWED AT PRIMARY ROAD REST AREAS



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



		<		Т	RAFFI	C PAS	SING	REST	AREA							
				OF		PURP		NG			REAS	ON FO	R STO	PPING		
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic 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

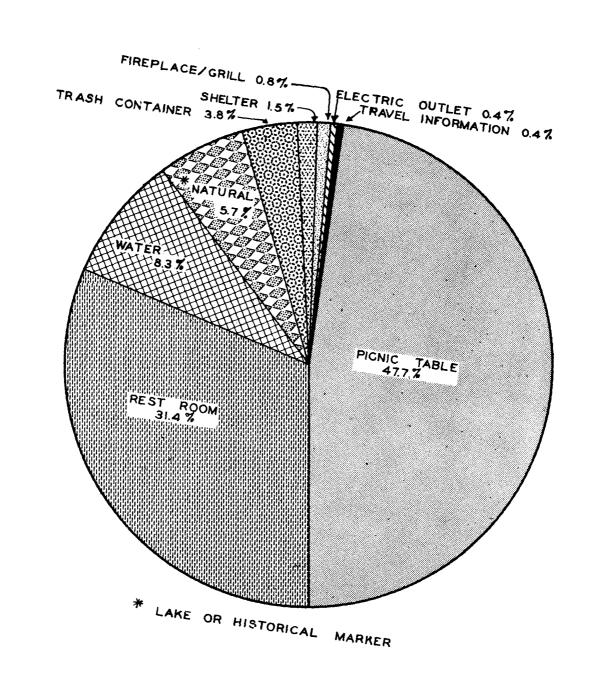


Summary of All Primary Road Rest Areas Interviewed LENGTH OF STAY VEHICLE OCCUPANCY Vehicles Total Time Average Average Average Time Children Total Average Number of Total Occu-Spent in Length of Adults Period Inter-(Under Occu-Number of Children Area Stay Per 15 Yrs. Adults per pants Per viewed pants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

USAGE OF FACILITIES ALL VEHICLE DRIVERS INTERVIEWED AT PRIMARY ROAD REST AREAS PERCENT OF ALL VEHICLES USING FACILITIES 20% 30% 40% 10% PICNIC 46.8% TABLE 42.8% **REST** ROOMS 26.4 % TRASH CONTAINER X18.7 7X WATER * NATURAL RECREATION EQUIPMENT SHELTER FIREPLACE 29% GRILL TRAVEL 11% INFORM. **ELECTRIC** 0.9% OUTLET

^{*}LAKE OR HISTORICAL MARKER

FIRST FACILITY USED BY VEHICLE DRIVER PRIMARY ROAD REST AREAS



Summary of All Primary Road Rest Areas Interviewed

							_						-					2 111			
		FIRS	ST F	FACIL	ITY	USED	BY	VEH	ICLE	DRI	VER	TO'	TAL	VEHI	CLE	USAC	GE O	F FAC	CILI	TIES	
Time Period	Number of Vehicles	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
	Period 6 AM to 10 AM to 2 PM to 6 PM to 10 PM Total 6 AM to	Period of Vehicles 6 AM to 150 10 AM 150 2 PM 96 to 6 PM 37 to 10 PM Total 6 AM to 348 to	Time Period Number of Vehicles	Time Period Number of Vehicles Vehicles	Time Period Vehicles	Time Period Vehicles	Time Period Number of Vehicles	Time Period Vehicles	Time Period Number of Vehicles	Time Period	Time Period Vehicles Vehicles Vehicles Vehicles To 10 AM 150 2 PM 96 31 24 1 6 10 PM 2 PM	Time Period Vehicles	Time Period Number Vehicles	Time Period Number of Vehicles	Time Period Number of Vehicles	Time Period Number of Vehicles	Time Period Number of Vehicles	Time Period Vehicles	Time Period Vehicles	Time Period Vehicles	Time Period Vehicles Vehicles

^{*} Lake or Historical Marker

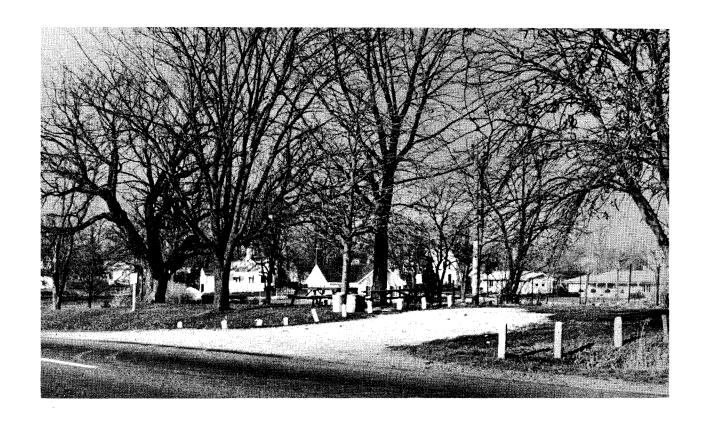
DISTANCE DESIRED BETWEEN PRIMARY ROAD REST AREAS PERCENT OF TOTAL REPLIES 10% 30% 20% 40% 20 MILES 67 ŝŝŝŝ⁄⁄ 30 MILES 40 MILES 5% 50 MILES 39% 60 MILES 3% 70 MILES 80 MILES 90 MILES 100 MILES

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

ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

(ORIGINAL)				UH		N	Ar	U	DE	-31	IIA	AII	ON										3	IA		VIE	- VV	EU				
			,	,			,							DES	TI	NA	TIC	N	C	STA	TE	.)										
ORIGIN (STATE)	Salifornia	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	E
Arizona								1		1																						
California		1		1				1	1	1				2						1	1		1									1
Canada	1										3																					
Colorado								1		2	Į.			2	1																	
Dist. Columbia	2																															
Illinois			3							5					1							2		2				2				1
Indiana										2																		1		1		
Iowa			2		2			6	2	101	1			1	12	4			1	1	1			7					2	3	16	16
Kansas		1								1			-																			
Kentucky																	1															
Louisiana								1																								
Massachusetts	2																					1										
Michigan	4		3															1						1				2		1		
Minnesota	3				1	2		2		12	1			1		2		2			1				1		1					ź
Missouri										5																			1			
New Jersey	1																											1		2		
Montana								1													1											
Nebraska								1	1	1		1			2				1		1								1			
New Mexico																													1			
New York	2	1	1							2								1						1		1		1		1		1
Ohio			1				1			1					1													1				
Oregon		1							2																							
Pennsylvania	2		1																						1			3		1		
South Dakota				1				2		6										1			1									1
Tennesee																								1								
Utah														1																		
Washington		1						3	1										1	3	1		2						1			1
Wisconsin	3		2							1						1																
Wyoming								2					1	2					1	1	2		1						1			1
Hawaii	000		45		-	-		1	~		_				15	81																
TOTAL	20	5	13	2	3	2	1	22	7	141	5	1	1	9	17	7	1	5	4	7	8	3	5	13	2	1	1	11	7	9	16	34

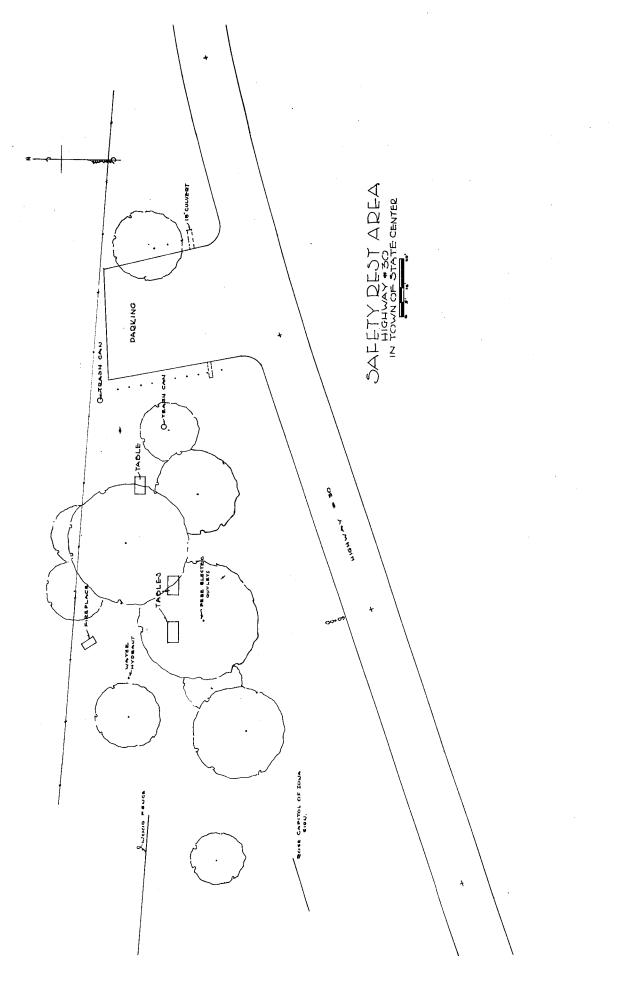
(Day	s)			OR	IIGI	N	AN	1D	DE	ST	IN	ATI	ON	C	F	VE	HI	CL	E	DR	IVEF	RS	INT	TEF	VIE	WE	ED		
														ES	STII	NA.	TIC	N	C	STA	(TE)								
ORIGIN (STATE)	Canada	Colorado	Dist. Columbia	Florida	Illinois	Indiana	Iowa	Kansas	Michigan	Minnesota	Missouri	Nebraska	Oh10	South Dakota	Tennessee	Wisconsin	Wyoming	Rest Area		Total									
Colorado					1															1									
Illinois							12			2		12		5			1			32									
Indiana							2													2									
Iowa	1	1	1		20	3	120	1	2	14	5	10		19		2		16		215									
Kansas					1		1													3									
Michigan				1			2					2		1						5									
Minnesota				1	2		16	5			4	3	-		1					32									
Missouri							6									1				7									
Nebraska					7		8			2						2				19									
Ohio										1										1									
South Dakota					4	1	11											1		17									
Wisconsin							4				1	2		1						8									
Wyoming					1		1													2									
(Rest Area)					2		2						1							5									
Total	1	1	1	1	38	4	185	6	2	19	10	29	1	26	1	5	1	17	-	348									
															-														
											-																		
												1																	
																										-			
																	-												
			3																										



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.



				т	RAFFT	C PAS	SING	REST	AREA	i				blate	<u>Cent</u>	er -
					TRIP	PURP	OSE				REAS	ON FO	R STO	PPING		
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping	Work	Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Самр	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	7	3	14	1						

1. State Center

	LE	NGTH OF STA	Y			VEH	IICLE OCCUPA	ANCY	
Time Period	Vehicles Inter- viewed	Total Time Spent in Area	Average Length of Stay Per Vehicle	Adults	9	Total Occu-	Average Number of Adults per Vehicle	Average	Average Fotal Occu- pants Per Vehicle
6 AM to 10 AM	1	l Hr 8 Min	l 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	l Hr 21 Min	6	3	9	2.0	1.0	3.0
6 PM to 10 PM	2	l 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

-26-

					-27-		
* Lake	Total 6 AM to 10 PM	to to	2 PM to 6 PM	10 AM to 2 PM	6 AM to 10 AM	Time	
or His	15	2	ω	φ	Н	Number of Vehicles	
torica		Committee of the commit				Trash Container	FIRST
-	12	2	Ν	7	Н	Picnic Table	
Marker						Fireplace/Grill	FACILITY
K						Rest Rooms	ALI
						Electric Outlet	USED
Ī	2		Н	Н		Water	D BY
Ī		1				Recreation Equip.	1 1
Ī						Travel Board	VEHICLE
						Shelter	
						Natural*	DRIVER
	4	2	2			Trash Container	TO
	14	2	ω	ω	Ь	Picnic Table	TOTAL
	L		Ъ			Fireplace/Grill	VEHICLE
						Rest Rooms	CLE
						Electric Outlet	USAGE
	Uī	2	Ν	Н		Water	E OF
						Recreation Equip.	
				à		Travel Board	FACILITIES
						Shelter	TIES
						Natural*	O

1. State Center

		IICI	EDG ODINITON	OF REST AREA		I. St	ate Center
Reason for Stopping	Number of Vehicles	Feel Area is Adequate	Feel Area is not Adequate	Need Electric Outlets	Meed 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

6										1. 50	ate cente
				i	ADDITIONA	L FACILI	TIES REQ	UESTED			
	Reason for Stopping	Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Swings	Slides	Sandpile	Merry- Go-Round		Wading Pool
	Eat	4				3	1	1			
	Rest										
	Sleep			20							
-29	Camp					,					
ı	Fish	=									
	Check Equipment	-									
	Repair	,X.		-							-
	Boat										
	Total	4	-		4.	3 ,	1	1			

1. State Center
ORIGINAL ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

OKIGINAL C	1(101)		TID	טווע	J	TATTT	TOI	. 01		111111111111111111111111111111111111111	·CLIL	ע ב	KIV	ERD	TI	ILE	RVI	EWED
				1		D	EST	IN	TT	ON	(SI	TAT	E)				-	
ORIGIN (STATE)	California	Col rado	Iowa	Ill1no1s	M1ch1gan	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

DAY 5 ORIGIN	N 221	ענאג	טנוע	1 11	ALT.	LOIV	OI	V 1	3111	CIII	י דיד	tale V	1110	11	1111	(V 1	- W	_
	DESTINATION (STATE)																	
ORIGIN (STATE)	Illinois	Iowa	Nebraska	South Dakota		Total												
Illinois		1	2	7		3												
Indiana		1				1												
Iowa	3	3	1			7												
Michigan				1		1												
Nebraska	2					2												
Wisconsin			1			1								7				
Total	5	5	4	1		15												
			-	8 471			1											
			7															

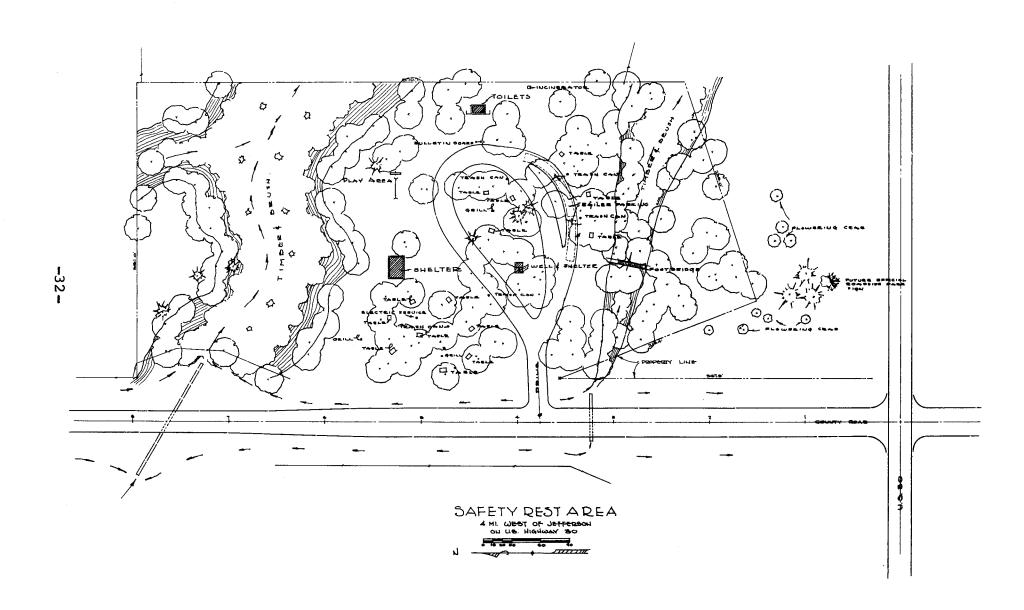


JEFFERSON

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 fooms, 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

				Т	RAFFI	C PAS	SING	REST	AREA							
				OF		PURP		NG			REAS	ON FO	R STO	PPING		
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping		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				

0

	LE	NGTH OF STA	Y			VEH	IICLE OCCUPA	ANCY	
Time Period	Vehicles Inter- viewed	Total Time Spent in Area		Adults		Occu-	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	l Hr 40 Min	l Hr 40 Min	1		1	1.0		1.0
Total 6 AM to 10 PM	10	10 Hr 37 M in	l Hr 4 Min	20	9	29	2.0	0.9	2.9

						1	
* Lake	Total 6 AM to 10 PM	to to	2 PM to 6 PM	10 AM to 2 PM	6 AM to 10 AM	Time Period	
or His	10	1	Ν	6	ь	Number of Vehicles	
torical Marker	44	Н	1	2		Trash Container Picnic Table Fireplace/Grill Rest Rooms Electric Outlet Water Recreation Equip. Travel Board Shelter	FIRST FACILITY USED BY VEHICLE DR
						Natural*	DRIVER
	Н		v	Н		Trash Container	TOTAL
	0		1	υ		Picnic Table	
						Fireplace/Grill	VEHICLE
	7	Н	۲	Οī		Rest Rooms	1
						Electric Outlet	USAGE
	4	Н	Р	2		Water	OF
						Recreation Equip.	FAC
						Travel Board	FACILITIES
		Augusta and convey agreem manage. And for more		Maryon September against A As of Basers, Wiley College September 201		Shelter	CILITIES
4						Natural*	Þ

2. Jefferson

						Z. Jeii	erson
		USI	ERS OPINION (OF REST AREA			11
Reason for Stopping	Number of Vehicles	Feel Area is Adequate	Feel Area is not Adequate	Need Electric Outlets	Meed 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

			1	ADDITIONA	AL FACILI	TIES REQ	UESTED			
Reason for Stopping	Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Swings	Slides	Sandpile	Merry- Go-Round		Wading Pool
Eat								-		
Rest										
Sleep			NONE OF	THE DRI	VERS INTE	CRVIEWED				
Camp			SUGGEST	ED ADDIT	IONAL FAC	ILITIES				
Fish	÷		BE AD	DED TO T	HIS REST	AREA			9	
Check Equipment	ž								2	
Repair	36 ×		ü							<
Boat										
Total										

2. Jefferson
ORIGINAL ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

								11 12 22					LLI V	1111		4 T T 1	CVI	EWED
						D	EST	INA	ATI	ON	(SI	TAT	E)		11			
ORIGIN (STATE)	California	Colorado	Illinois	Iowa	Oregon	Wisconsin		Total										
Illinois		1						1										
Iowa				2				2										
Massachusetts	1				1			2										
Michigan	2							2										
Montana			1					1										
Nebraska				1				1										
New Mexico						1		1										
Total	3	1	1	3	1	1		10										
,																		
						1												

DAY'S ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

DAI 5 OKIGII			2.10	alle alle de	42.22	ada Colo	01	. v.	and the the sales	V			2460		 	
						D	EST	CIN	ATI	ON	(S)	TAT	E)			
ORIGIN (STATE)	Iowa	Nebraska		Total												
Illinois		1		1												
Iowa	2	4		6												
Nebraska	3			3												
				1								1				
Total	5	5		10						-						
														- 1		
		, !														



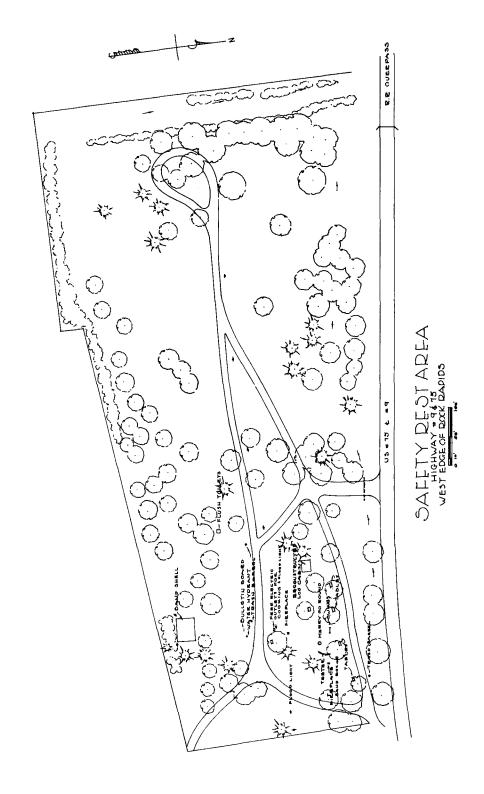
ROCK RAPIDS

Rest Area # 3 is located at the west edge of Rock Rapids on the south side of Iowa 9 in Lyon County.

Established on state-owned property, the area is furnished and maintained by the Rock Rapids Chamber of Commerce. Facilities include 3 trash containers, 11 picnic tables, 3 fireplaces, 2 rest rooms, 2 electric outlets, lights, running water, playground equipment, a travel information board, and a log cabin of historical interest.

Playground equipment installed at the rest area consists of swings, a teeter totter, a merry-go-round, and a sandpile.

Traffic entering the area was interviewed on Tuesday, August 7, 1962. Forty-three 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.



-40-

				Т	RAFFI	C PAS	SING	REST	AREA							
				OF		PURP		NG			REAS	ON FO	R STO	PPING		
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping		Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Самр	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		

	LE	NGTH OF STA	Υ			VEH	ICLE OCCUPA	ANCY	
Time Period	Vehicles Inter- viewed	Total Time Spent in Area		Adults	Children (Under 15 Yrs. of Age)	Total Occu-		Average	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

	1								-		- 11						3	, 10	OCK	Rapi	us
		FIRS	ST F	ACII	ITY	USED	BY	VEH	ICLE	DRI	VER	TO	TAL	VEHI	CLE	USAC	GE O	F FA	CILI	TIES	
Time Period	Number of Vehicles	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	Natura1*
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		
	Period 6 AM to 10 AM 10 AM to 2 PM to 6 PM Total 6 AM to	Period of Vehicles 6 AM to 14 10 AM 14 2 PM 9 to 6 PM 6 to 10 PM Total 6 AM to 43 to	Time Number of Vehicles vehicl	Time Period Number of Vehicles	Time Period Vehicles	Time Period Vehicles	Time Period Number of Vehicles	Time Period Vehicles	Time Period Number of Vehicles	Time Period Vehicles	Time Period Vehicles Vehicles Vehicles Vehicles Vehicles Vehicles Trash Container To AM to 10 AM 14 8 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Time Period Vehicles	Time Period Number Vehicles Ve	Time Period Number Of Vehicles Vehicles Vehicles Vehicles Vehicles Vehicles To AM	Time Period Number Of Vehicles	Time Period Number Of Vehicles	Time Period Vehicles				

^{*} Lake or Historical Marker

3. Rock Rapids

		USI	ERS 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		.as					
Boat				,2	, n, (, , , , , , , , , , , , , , , , ,		
Total	43	43	-				2

-44-

3. Rock Rapids

,			1	ADDITIONA	L FACILI	TIES REQ	UESTED			
Reason for Stopping	Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Swings	Slides	Sandpile	Merry- Go-Rourd	Teeter- Totter	Wading Pool
Eat			,							
Rest										
Camp										
Fish	y v									
Check Equipment			,							
Repair			i							2
Boat										
Total	·	-	1							

3. Rock Rapids (Original) ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED DESTINATION (STATE) ORIGIN South Dakota Pennsylvania Connecticut Washington Minnesota Nebraska Indiana Montana Wyoming (STATE) Kansas Total New 1 1 Arizona 1 California Winnepeg Canada 1 1 2 1 Colorado 1 Illinois 2 2 3 6 2 11 Iowa. 1 1 Kansas 1 Kentucky 1 2 Michigan 1 1 3 Minnesota 2 1 Nebraska 1 1 2 2 New Jersery 1 New York 1 Ohio 1 1 Pennsylvania 3 4 South Dakota 1 3 3 Washington 2 1 Wyoming 1 2 2 1 6 43 1 2 1 1 1 10 Total 10 1 4

(Day's)				OF	RIG	N	AN	1D	DE	ST	IN	ATI											SI	NT	TEF	RVIE	EW	ED	3	Rock	Rapids
													[DES	STI	NA	TIC	N	CS	STA	ATE)									
ORIGIN (STATE)	Winnepeg Canada	Illinois	Indlana	Iowa	Kansas	Minnesota	Nebraska	South Dakota		Total									Ţ												
Illinois								1		1																					
Iowa	1			6		2		16		25																					
Minnesota				2	1		1			4																					
Nebraska						1				1																					
South Dakota		1	1	8						10																					
Wisconsin								1		1																					
Wyoming				1						1				7																	
Total	1	1	1	17	1	3	1	18		43																					
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	-																														
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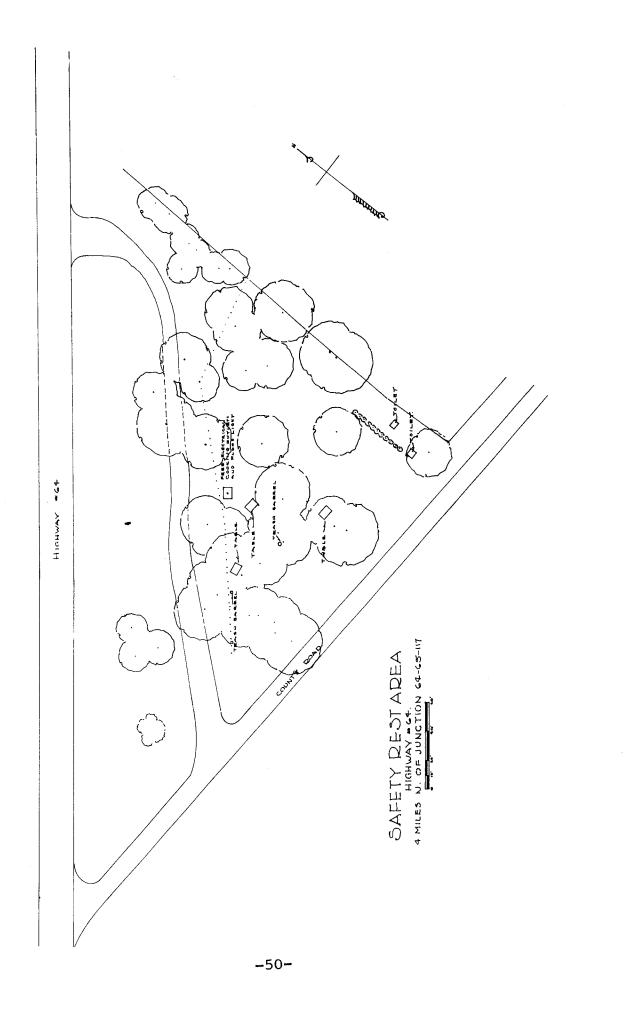


JASPER COUNTY

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.



4. Jasper County

	, - Tun Sandi			Т	'RAFFI	C PAS	SING	REST	AREA							
				OF		PURP		NG			REAS	ON FO	R STO	PPING		
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping	Work	Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Самр	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			

.51-

					NAME OF THE OWNER OWNER OF THE OWNER O			. Jasper C	ouncy
	LE	NGTH OF STA	Y			VEH	ICLE OCCUPA	ANCY	
Time Period	Vehicles Inter- viewed	Total Time Spent in Area	Average Length of Stay Per Vehicle	Adults		Occu-	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	l 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

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* Lake	Total 6 AM to 10 PM	to to	2 PM to 6 PM	10 AM to 2 PM	6 AM to 10 AM	Time Period	
or Hist	16	L	ω	4	ω	Number of Vehicles	
orica	Н				ь	Trash Container	FIRST
H	9	Н	4	Ν	2	Picnic Table	
Marker						Fireplace/Grill	FACILITY
K	Н		Н			Rest Rooms	YTI
						Electric Outlet	USED
				P		Water	D BY
					-	Recreation Equip.	VEH
						Travel Board	VEHICLE
						Shelter	
						Natural*	DRIVER
	7	Р	ω	1	2	Trash Container	TO'
	9	٢	4	Ν	Ν	Picnic Table	TOTAL
						Fireplace/Grill	VEHI
	7	1	U		⊢	Rest Rooms	CLE
						Electric Outlet	USAGE
						Water	0
	2		Ν			Recreation Equip.	0
						Travel Board	FACILITIES
		¥				Shelter	TIES
						Natural*	X

Jasper County

4. Jasper County

							cusper sea	
			USI	RS 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							
-54-	Camp							
4-	Fish							
	Check Equipment	2	2					1
	Repair							
	Boat							
	Total	16	8	8				8

4. Jasper County

			1	ADDITIONA	L FACILI	TIES REQ	UESTED	ermentral disposition (ES milliounity) agreen des SE million en annotati		5-A-0-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
Reason for Stopping	Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Swings	Slides	Sandpile	Merry- Go-Round	Teeter- Totter	Wading Pool
Eat		7	1							
Rest	8	1	*	ž	ä			ē		
Sleep				я	~					
Camp										
Fish										
Check Equipment			ē	,					,	
Repair		¥								
Boat		B.								
Wet 21								20		
Total	-	8	1		V V	12				

4. Jasper County
ORIGINAL ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

OKIGINAL OK									-			- 1	LLL V.	חווט	11	لنلدا	LVI	LIVVII
),		D	ESI	IN	TT	ON	(SI	TAT	E)					
ORIGIN (STATE)	Illinois	Iowa	Nebraska	New York	0110	Wisconsin		Total										
California		1		1				2										
Iowa		8			1			9										
Louisiana	1							1										
Missouri		1						1										
Wisconsin			1					1										
Wyoming	1					1		2										
Total	2	10	1	1	1	1		16										
	1		-															

DAY'S ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

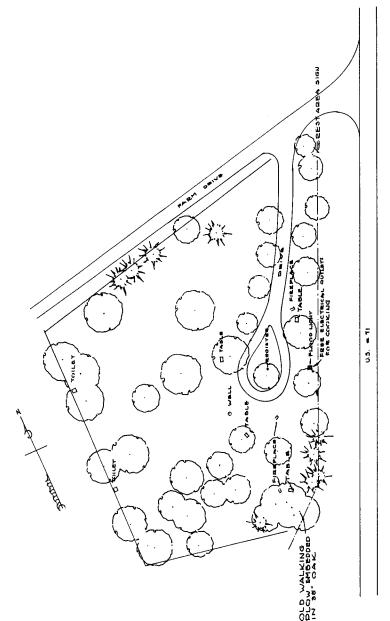
DAI 5 OKIGII			-				-								 	
						D	EST	IN	ATI	ON	(S)	CAT	E)			
ORIGIN (STATE)	Illinois	Iowa	Wisconsin		Total											
Iowa	1	10	1		12											
Kansas	1	1			2											
Missouri		1			1											
Wisconsin		1			1											
Total	2	13	1		16									2		
									,							
				-												
					-											



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 fire-places 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.



SAFETY DEST ADEA PLOW IN THE CAK

						,										IIa
				Т	RAFFI	C PAS	SING	REST	AREA							
2	^			OF		PURP LES S		NG			REAS	ON FO	R STO	PPING		
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping		Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Самр	Check Equip.	Repair	Fish	Boat
6 AM to 10 AM	356	4	1.12	-	1	3			3	1				1-		
10 AM to 2 PM	468	6	1.28	2		2	2			6			v			
2 PM to 6 PM	515	3	0.58		2	1			1	2			2			
6 PM to 10 PM	317	. 3	0.95		3				2	1			180			
Total 6 AM to 10 PM	1656	16	0.97	2	6	6	2		6	10			- 1			

	LE	NGTH OF STA	Y			VEH	IICLE OCCUPA	ANCY	
Time Period	Vehicles Inter- viewed	Total Time Spent in Area		Adults		Occu-	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 M in	15 Min	9	3	12	2.3	0.7	3.0
10 AM to 2 PM	6	l 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	80	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

Total 6 AM to 10 PM	6 PM to	2 PM to	10 AM to 2 PM	6 AM to 10 AM	Time	×
16	ω	ω	o	4	Number of Vehicles	
N				Ν	Trash Container	FIRST
2	1			ь	Picnic Table	
					Fireplace/Grill	FACILITY
					Rest Rooms	
Н		٢			Electric Outlet	USED
ω	1		Ν		Water	BY
				4	Recreation Equip.	VEH
					Travel Board	VEHICLE
			Mag-Cardanana Carana (2008 Mag-Cardana)		Shelter	
4	P		Ν	1	Natural*	DRIVER
N				2	Trash Container	TOTA
σ	2	Н		2	Picnic Table	H
H	Ъ				Fireplace/Grill	VEHICLE
Ν.		Н		H	Rest Rooms	
Ν	ь	Н		-	Electric Outlet	USAGE
ω	Н		2	of the state of th	Water	E OF
					Recreation Equip.	
					Travel Board	FACILITIES
		9			Shelter	TIES
4	Н		Ν	Н	Natural*	
	16 2 2 1 3 4 2 5 1 2 2 3	3 1 1 1 2 1	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 AM 6 2 2 2 1 1 3 4 2 5 1 2 2 3	1 2 1 1 2 2 1 1 2 2 1 1 3 1 1 1 1 1 1 1	Period Por Number Period Por N

5. Exira

5. Exira

		USI	ERS 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	,	4	·				£
Camp		*	,		÷		
Fish		-	e e	i.e.	. 10		
Check Equipment		*) (1)		* 0		
Repair		Č.		* · ·		~	
Boat			9 3	. 8). 	
Total	16	16	e J			- -	6

5. Exira

			2	ADDITIONA	AL FACILI	TIES REQ	UESTED	CONTRACTOR OF THE PERSON NAMED OF THE PERSON N	
Reason for Stopping	Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Swings	Slides	Sandpile	Merry- Go-Round	Wading Pool
Eat			-			<i>(</i> (
Rest		=		,			-		
Sleep			NONE OF	THE DRI	VERS INTE	RVIEWED	- **		
Camp	; B		SUGGEST	ED ADDIT	IONAL FAC	ILITIES			
Fish	à.	_	BE A	DDED TO	THIS REST	AREA			
Check Equipment	-		×			-			
Repair	**								
Boat			y.	,			. 18 4		
- F	071 1331	New						81	
Total				7 74 4 7		ž		22	

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ORIGINAL ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

ORIGINAL OR	1						EST	_	 	 		nde de	44.11.	
ORIGIN (STATE)	Смо	Kansas	Missouri	South Dakota	Washington			To tal						
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

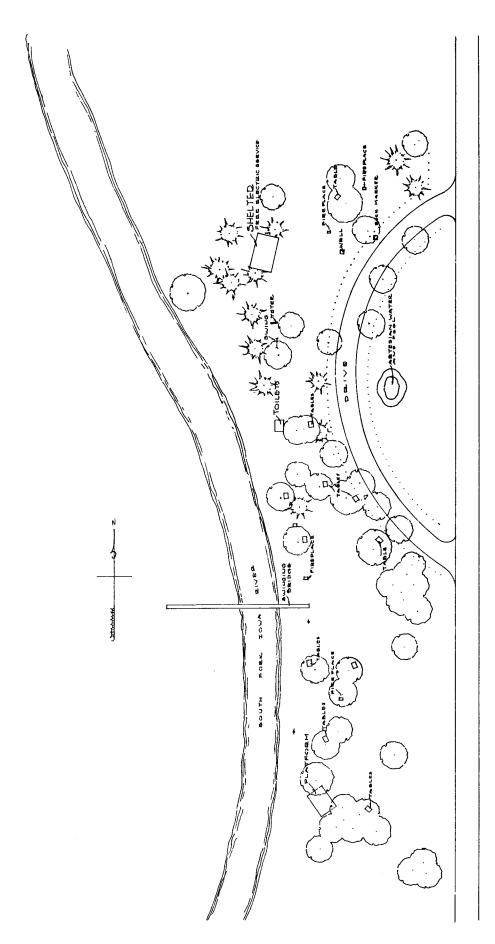
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						D	EST	INZ	ATI	ON	(S	CAT	E)				
ORIGIN (STATE)	Colorado	Iowa	Kansas	Missouri	South Dakota	Wisconsin		Total									
Iowa	1	10	1		1			13									
Minnesota		1		1				2							2		
Nebraskä						1		1									
Total	1	11	1	1	1	1		16			-			-			
			-														
		-		-7													



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 includ 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 TOWA FALLS W SIDE

	×			OF		PURP		NG			REAS	ON FO	R STO	PPING		
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping	Work	Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Самр	Check Equip.	Repair	Fish	Boat
6 AM to	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	ů.	2	æ	, in the second			1			ż	1		
Total 6 AM to 10 PM	1847	25	1.35	8	7	6	3	1	7	10	1	1	3	3		2

	LE	NGTH OF STA	Y		VEHICLE OCCUPANCY									
Time Period	Vehicles Inter- viewed	Total Time Spent in Area		Adults		occu-	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					

				- 6	9-		
* Lake	Total 6 AM to 10 PM	6 PM to	2 PM to 6 PM	10 AM to 2 PM	6 AM to 10 AM	Time Period	
or Histor	25	N	9	9	G	Number of Vehicles	
orica						Trash Container	FIRST
	P			1		Picnic Table	
Marker	,				6	Fireplace/Grill	FACILITY
K	7	Ъ	4	Н	Ľ	Rest Rooms	ALI
						Electric Outlet	USED
				7		Water	D BY
						Recreation Equip.	1 1
						Travel Board	VEHICLE
	٥٦			ω	2	Shelter	
						Natural*	DRIVER
	ω		Н	Ъ	Н	Trash Container	TOI
	4		۲	Н	2	Picnic Table	TOTAL
	Н		Н			Fireplace/Grill	VEHICLE
	8	H	4	Ν	ь	Rest Rooms	CLE
						Electric Outlet	USAGE
	2		۲	Н		Water	E OF
	Ъ		Ъ			Recreation Equip.	
						Travel Board	FACILITIES
	D		Н	ω	Ν	Shelter	TIES
						Natural*	6

6. Iowa Falls

6. Iowa Falls

4		USI	ERS OPINION (OF REST AREA			
Reason for Stopping	Number of Vehicles	Feel Area is Adequate	Feel Area is not Adequate	Need Electric Outlets	Meed Picnic Tables	Need Recreation Equipment	Areas Too Far Apart
Eat	7	7					1
Rest	10	10					
Sleep	, 1	1					e e
Camp	.1	1	¥	,			
Fish	u .		25			,	э.
Check Equipment	3 .	, 3					2
Repair	3	3		*		۸	
Boat							
Total	25	25					3

6. Iowa Falls

								0.	10wa raj	
			1	ADDITIONA	L FACILI	TIES REQ	UESTED			
Reason for Stopping	Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Sw ings	Slides	Sandpile	Merry- Go-Round	Teeter- Totter	Wading Pool
		8						93	18	
Eat							N			
Rest			4 1	~						,
								3.		
Sleep	7-			TF.			w 1			
Camp			NONE OF	THE DRI	VERS INT	ERVIEWED				
Camp			SUGGEST	ED ADDIT	IONAL FA	CILITIES				
Fish	~	,	BE AI	DED TO T	HIS REST	AREA				
Check										. *
Equipment										
		. 8								
Repair										1
7	3									
Boat		^		1			2	8		
								a de la composição de l		
Total		**2.								
Iocai				V 19	36 °	H		. "		
					A-0					

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6. Iowa Falls
ORIGINAL ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

0112022122	11													4446	 V d. 2	 EWED
		_				D	EST	IN	ATI	ON	(S)	TAT	E)			
ORIGIN (STATE)	Illinois	Iowa	Kansas	Minnesota	Missouri	Oh10		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

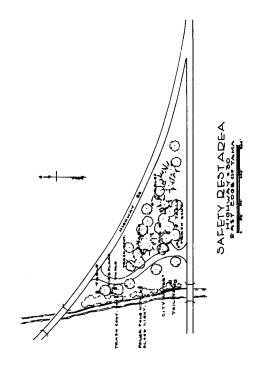
DAY'S ORIGIN	N AU	עם.	DES	TI	NAT.	LOIM	Or	V	THE	CLE	נע נ	(IV.	CAD	71/	TEF	CATI	EWE.	U
						D	EST	IN	ATI	ON	(S:	rat	E)					
ORIGIN (STATE)	Illinois	Iowa	Kansas	Minnesota	Missouri		Total											
Iowa	1	17		2	1		21											
Minnesota		2	1				3											
Missouri		1					1											
			1	AT .														
Total	1	20	1	2	1		25											
				1-5														
				-												-		



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.



7. Tama

				Т	RAFFI	C PAS	SING	REST	AREA			2		•		IIIIa
				OF		PURP	OSE TOPPI	NG			REAS	ON FO	R STO	PPING		
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping		Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Самр	Check Equip.	Repair	Fish	Boat
6 AM to 10 AM	1140	7	0.61		IA .	7			3			4				
10 AM to 2 PM	1839	18	0.98	2	2	13		.1	13	5		35			v	
2 PM to 6 PM	1817	12	0.66	3	1	7		1	6	6	K.				18	
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	-	-	-	

-/5-

	LE	NGTH OF STA	Y			VEH	IICLE OCCUPA	ANCY	
Time Period	Vehicles Inter- viewed	Total Time Spent in Area		Adults		occu-	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	l Hr 35 Min	96	35	131	2.4	0.9	3.3

																			7.	Ta	ma
		FIRS	ST F	FACII	ITY	USEI	BY	VEH	ICLE	DR	VER	TO'	TAL	VEHI	CLE	USA	GE O	F FA	CILI	TIES	
Time Period	Number of Vehicles	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	ė							1		2		2				
Total 6 AM to 10 PM	40		16		16		1		V			13	22	3	26	X	16				

^{*} Lake or Historical Marker

7. Tama

	2		USE	ERS 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
The second second	Eat	23	21	2	2	1	1	6
	Rest	11	10	. 1	1		1	3
	Sleep						. /	
70	Camp	6	5	1	1, '			3
	Fish	-				ų.	,	
	Check Equipment		n			^ :		
	Repair		,			. " ,		
	Boat	,						
	Total	40	36	4	4	1	2	12

-8-

7. Tama

			1	ADDITIONA	L FACILI	TIES REQ	UESTED			
Reason for Stopping	Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Swings	Slides	Sandpile	Merry- Go-Rourd	Teeter- Totter	Wading Pool
Eat	7 V		9	v	1			1	1	
Rest	* y			- 8 - 10	1	_	1	-	1	
Sleep	in est	. ,	-	,	-					
Camp	P		1						-	
Fish			,		5.5	7.				
Check Equipment	. *				- 2:				w	
Repair	e C	,			-		,			
Boat	-	.,		~			Ÿ		-	
Total		No.	1		2		1	1	2	

ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED (Original) DESTINATION (STATE) Columbia ORIGIN Pennsylvania New Jersey Washington California Wisconsin Maryland Nebraska Michigan Illinois Colorado Indiana (STATE) Oregon Idaho Total Dist. Iowa Ohio Utah 1 2 California 1 2 2 Colorado 2 Dist. Columbia 2 3 Illinois 1 1 1 1 2 1 Indiana 4 1 7 Iowa 1 1 3 Michigan 1 2 Minnesota 1 1 1 1 1 1 1 5 Nebraska 2 1 1 1 6 New York 1 Ohio 1 1 1 Oregon 1 1 Pennsylvania 2 Washington 1 1 Wisconsin 1 1 2 1 3 3 7 1 4 1 1 1 1 1 1 40 Total

-80-

ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED Tama. (Day's) DESTINATION (STATE) ORIGIN Wisconsin Illinois (STATE) 4 6 11 Illinois 1 1 Indiana 17 5 2 3 Iowa Michigan 2 2 5 3 1 Nebraska 2 3 Wisconsin 1 1 Wyoming 9 17 2 10 1 40 Total

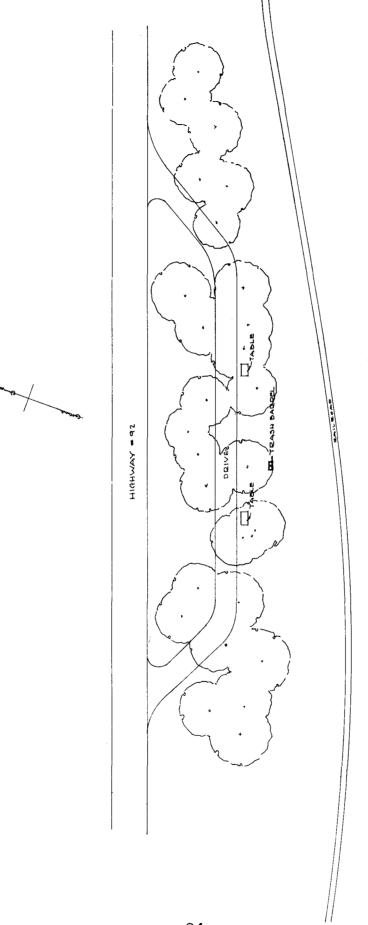
-81-



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 DEST ADEA HIGHWAY 42 IN MICE WEST OF GREENFIELD

				т	RAFFI	C PAS	SING	REST	AREA							
	-				TRIP	PURP	OSE				REAS	ON FO	R STO	PPING		
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping		Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Camp	Check Equip.	Repair	Fish	Boat
6 AM to 10 AM	344	3	0 . 87		a	3			1	2		40			~	
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		is.		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		у.	

-85-

	LE	NGTH OF STA	Y			VEH	ICLE OCCUPA	ANCY	
Time Period	Vehicles Inter- viewed	Total Time Spent in Area	Average Length of Stay Per Vehicle			Total Occu-	Average	Average	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

6 AM to 10 AM 10 AM to 2 PM to 6 PM to 6 PM to 10 PM	t to ot	HO 0 0 7	to 10 AJ		Time Period	
1 2			2,	ω	e Number od of Vehicle	
				Ν.	es r	'n
			N	Н	Trash Container Picnic Table	FIRST
					Fireplace/Grill	FACILITY
					Rest Rooms	
					Electric Outlet	USED
					Water	BY
				14/	Recreation Equip.	VEHICLE
					Travel Board	CLE
Davide de Art Schiebers feet					Shelter	DRIVER
					Natural*	VER
0			ω	ω	Trash Container	TOTA
Л	۲	н	Ν	þi	Picnic Table	
					Fireplace/Grill	VEHICLE
					Rest Rooms	
					Electric Outlet	USAGE
1000			A		Water	E OF
					Recreation Equip.	
					Travel Board	FACILITIES
		,			Shelter	1
					Natural*	٥

8. Greenfield

8. Greenfield

		USI	ERS 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					ı		
Camp					-		
Fish						,	
Check Equipment	·1 *		1	F	,		
Repair						,	
Boat				© ×			
Total	10	2	8		1	.1	4

8. Greenfield

			i	ADDITION#	L FACILI	TIES REQ	UESTED		
Reason for Stopping	Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Swings	Slides	Sandpile	Merry- Go-Round	Wading Pool
Eat	3	2	1		1		1		
Rest	3	1			k	_		×	=
Sleep	,			c					
Camp									
Fish						-		,	
Check Equipment	1	, 1							v
Repair				-					
Boat				L.	_		÷		
Total	7	, 4	1		1		1		

8. Greenfield ORIGINAL ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

				-		DES	TIN	ATI	ON	(S	CAT	E)					
ORIGIN (STATE)	Colorado	Illinois	Iowa	Ohio		Total				100	14.7					-	
Colorado		1				1					1		1			100	
Iowa	2		5		127,2	7			- 2	1.5							
Nebraska				1	12_	1									1=		
Ohio	1					1											
			-						11 2				-			77.1	
Total	3	1	5	1	1	.0			1								
THE WORLD			124		7 = 1			100				19.3		1			
= v × * * * e * '-				75. I	, r. 10					100	1000	2		_ a			
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DAY'S ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

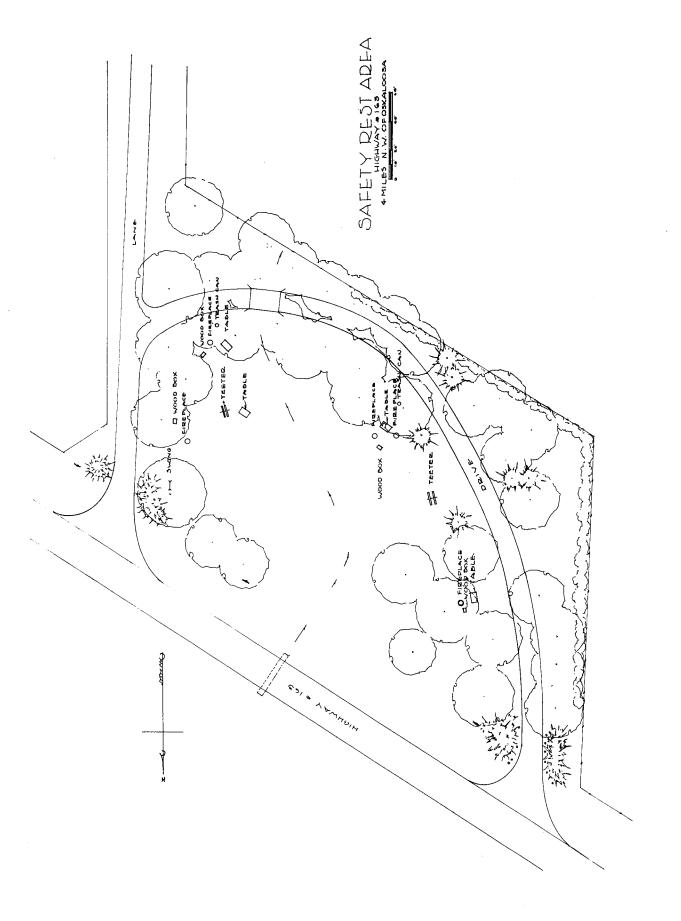
DAI 5 ORIGII	1					-										 	
						D	EST	CIN.	ATI	ON	(SI	TAT	E)	_	-		_
ORIGIN (STATE)	Illinois				Total												
Illinois			1		1		7 - 6	q.									
Iowa		5	2		7												
Nebraska	2				2	2		11									
				3 ×													
Total	2	5	3		10					13			- 1		-		
														3			
× 161								7					11				
					-	2											
													-				
			1.5														
	-	- 2		10	A				45		1						
			-												, j		
				7-								×					
	12																



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 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.



3				Г	'RAFFI	C PAS	SING	REST	AREA					9. 0	SKAIO	osa
				OF		PURP		NG			REAS	ON FO	R STO	PPING		
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping		Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Самр	Check Equip.	Repair	Fish	Boat
6 AM to 10 AM	523	5	0.96		5				3	2	÷	,	9	×		
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	2	3			1	4				•			2
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		*			

	LE	NGTH OF STA	Y			VEH	IICLE OCCUPA	ANCY	
Time Period	Vehicles Inter- viewed	Total Time Spent in Area		Adults		occu-	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
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 M in	.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	6-		
* Lake	Total 6 AM to 10 PM	6 PM to	2 PM to 6 PM	10 AM to 2 PM	6 AM to 10 AM	Time Period	
or Histor	21	4	4.	ω	Œ	Number of Vehicles	
H-	Ν	Н		Н		Trash Container	FIRST
cal M	12	ω	4	Ν	ω	Picnic Table	
Marker						Fireplace/Grill	FACILITY
r	,					Rest Rooms	ALI
						Electric Outlet	USED
						Water	D BY
	· ·				*	Recreation Equip.	VEH
						Travel Board	VEHICLE
						Shelter	
						Natural*	DRIVER
	0	Ν.	2	Ъ	1	Trash Container	TO
	12	ω	4	Ν	ω	Picnic Table	TOTAL
	H				Ь	Fireplace/Grill	VEHICLE
						Rest Rooms	CLE
		12				Electric Outlet	USAGE
		MA. And Commission and the Commission of the Com		STORE STORE AND LAND TO LAND STORE AND ADDRESS OF THE STORE ADDRESS OF THE STORE AND ADDRESS OF THE STORE ADDRESS OF THE		Water	0
	Н		Н			Recreation Equip.	FAC
						Travel Board	FACILITIES
,		×1				Shelter	CILITIES
						Natural*	۵

9. Oskaloosa

		USI	ERS OPINION (OF REST AREA		9. OSKATO	,000a
Reason for Stopping	Number of Vehicles	Feel Area is A dequate	Feel Area is not Adequate	Need Electric Outlets	Meed Picnic Tables	Need Recreation Equipment	Areas Too Far Apart
Eat	13	10	3				3
Rest	7	3	4				1
Sleep	1		1			2 .	1
Camp			,				
Fish						,	
Check Equipment		-					
Repair		,		9	. "		
Boat							
Total	21	13	8				5

-96-

9. Oskaloosa

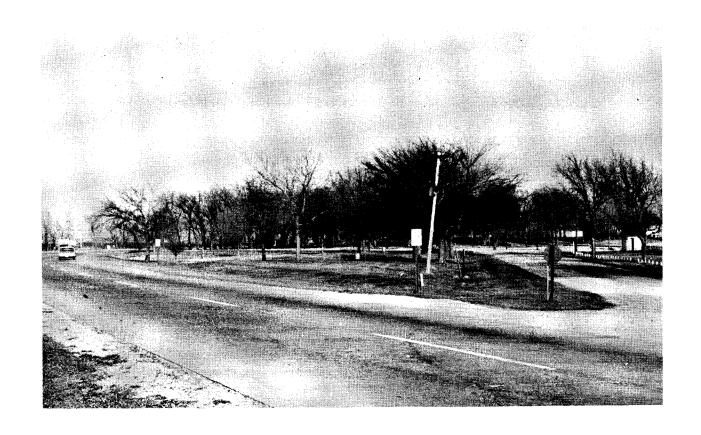
× 1			1	ADDITIONA	L FACILI	TIES REQ	UESTED		
Reason for Stopping	Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Swings	Slides	Sandpile	Merry- Go-Rourd	Wading Pool
Eat	2	2							
Rest	4	2		100	ē		a .	l e	
Sleep	1				-				
Camp	-								
Fish									
Check Equipment	-	~			-				
Repair		5	8						
Boat						,	×		
Total	7	4		1 46 20	v -				

9. Oskaloosa
ORIGINAL ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

ORIGINAL			-12		,	F47.7.T	TOI	4 01	. V	71117		ע י	KIV	EKS	TL	VIE.	KVI	EWEL
						D	ESI	INZ	ATI	ON	(S)	TAT	E)					
ORIGIN (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				74				1									
Total	1	1	1	3	11	1	3		21									

DAY'S ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

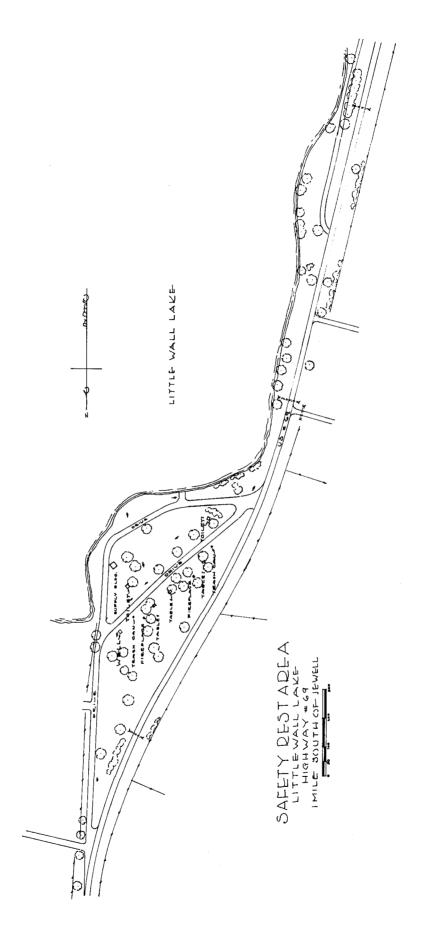
DAY'S ORIGIN	i Au	NID.	סבום	TIL	VETT.	LOIM	OF V	EH.		ז בי	LIV.	LIND	TT	TEE	(VI.	CVVC	D
						D	ESTIN	AT]	ON	(S	rat	E)					
ORIGIN (STATE)	Dist Columbia	Illinois	Iowa	Minnesota	Missouri	Tennessee	Total										
Illinois			1	1			2										
Iowa	1	3	7	1	3		15										
Minnesota						1	1.					Į.					
Missouri			2	"			2										
Nebraska			1				1										
													-				
Total	1	3	11	2	3	1	21										
		-															
		-					-					-					
						-											
* 2x**		Λ.		165													



JEWELL

Rest Area # 10 is located l ½ miles south of Jewell on the east side of U.S. 69 in Hamilton County. The rest area is on the northwest shoretof 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 % 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. Notrucks entered the area saring the interview period.



	TRAFFIC PASSING REST AREA															
				TRIP PURPOSE OF VEHICLES STOPPING				REASON FOR STOPPING								
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping		Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Самр	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	· × 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			w		2	
Total 6 AM to 10 PM	3329	39	1.17	6	23	10			13	15	2		-		8	1

	T.E	NGTH OF STA	VEHICLE OCCUPANCY								
Time Period		Total Time Spent in Area	Average	Adults	Children (Under 15 Yrs. of Age)	Total Occu-		Average	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	l Hr l 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		

* Lake	Total 6 AM to 10 PM	6 PM to	2 PM to 6 PM	10 AM to 2 PM	6 AM to 10 AM	Time Period	
or His	39	.4	19	12	4	Number of Vehicles	
toric	Ъ			Н		Trash Container	FIRST
cal M	9		6	ω		Picnic Table	
Marker						Fireplace/Grill	FACILITY
K	9	1	ω	ω	2	Rest Rooms	ALI
						Electric Outlet	USED
						Water	D BY
	-				,	Recreation Equip.	VEH
						Travel Board	VEHICLE
						Shelter	
	ω	2	Л		1	Natural*	DRIVER
	7		4	ω		Trash Container	TO
	10		0	4		Picnic Table	TOTAL
						Fireplace/Grill	VEHICLE
	11	Ъ	4	4	2	Rest Rooms	CLE
						Electric Outlet	USAGE
	Ъ			Н		Water	E OF
						Recreation Equip.	
						Travel Board	FACILITI
						Shelter	TIES
	9	2	0		н	Natural*	

0. Jewell

10, Jewell

P							10, Jewe	STT
			USI	ERS OPINION (OF REST AREA		*	
fo	ason or oping	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	9	2	2					1
Camp		, · · · · · · · · · · · · · · · · · · ·	÷		w ,			
Fish		8	8	12	۸.		`	4
Check Equip			y			÷		
Repai	ir		* 1		* 1			
Boat		.1	1					
Total	1	39	39				7	12

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10. Jewell

									10° 16	well
			1	ADDITIONA	L FACILI	TIES REQ	UESTED			
Reason for Stopping	Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Swings	Slides	Sandpile	Merry- Go-Round	Teeter- Totter	Wading Pool
Eat							-			
Sleep	-			=	· •					
Camp			NONE OF	THE DRI	VERS INT	ERVIEWED				
Fish				ED ADDIT					2	
Check Equipment	. *		BE AL	DED TO T	HIS REST	AREA				
Repair		*								ē.
Boat				v		n'	£			
Total		Mag.				·				

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10. Jewell ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

OKIGINIE OI									-			י בו	VI V.	LIND	TI	1151	KAT	CWED
				1		D	ESI	IN	ATI	ON	(SI	TAT	E)					
ORIGIN (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

DAI 5 ORIGI	1								ON					
ORIGIN (STATE)	Indiana	Iowa	Minnesota	Missouri	Nebraska	Rest Area	Total		4					
Iowa	1	12	4				17							
Minnesota		3		1	1		5							14
Wisconsin				1			1							
Illinois		1		74			1							
Local Iowa						15	15		4	,				
Total	1	16	4	2	1	15	39					,		
								90						
			-	2										

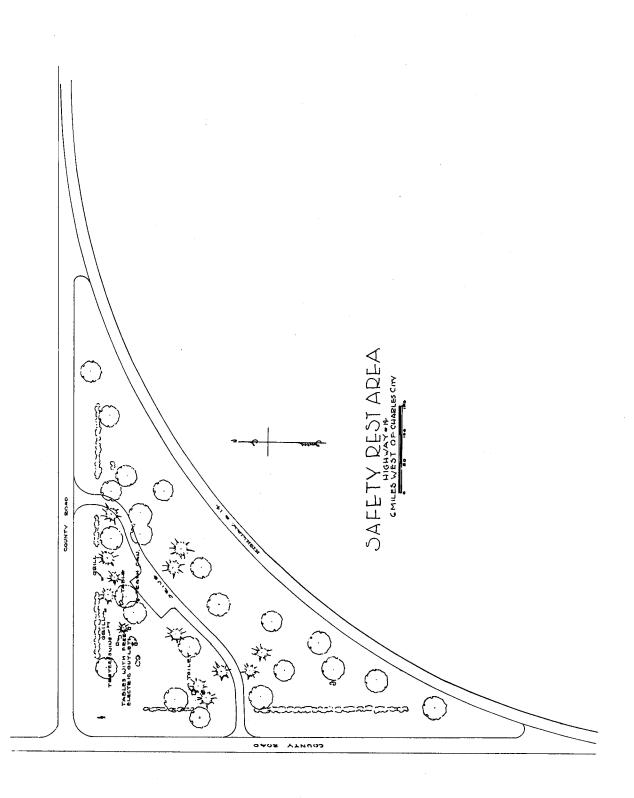
^{*} Traffic of a local nature not included in the "Iowa" category which use the area as final destination



CHARLES CITY

Rest Area # 11 is located 6 miles west of Charles City on the northwest side of the south to east curve of Iowa 14 in Floyd County. The area is furnished and maintained by the Soroptimist Club of Charles City. It was approved as an Iowa State Highway Commission Rest Area of April 7, 1959. Facilities include 2 trash containers, 4 picnic tables, 2 fireplaces, a rest room, 3 electric outlets, lights, and playground equipment.

Traffic entering the rest area was interviewed on Wednesday, August 8, 1962. Seven passenger cars and one truck were interviewed during the sixteen hour interview period from 6 A.M. to 10 P.M.



				Т	'RAFFI	C PAS	SING	REST	AREA	Y 5	ε	×				
	~			OF		PURP	OSE TOPPI	NG		<	REAS	ON FO	R STO	PPING		
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping	Work	Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Самр	Check Equip.	Repair	Fish	Boat
6 AM to 10 AM	319	0	0													
10 AM to 2 PM	325	6	1.85	4	2		v		2	3		~		1		
2 PM to 6 PM	431	1	0.23	1					, p	1	v	,				
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		

								- enaites	
	LE	NGTH OF STA	Y		1	VEH	ICLE OCCUPA	ANCY	
Time Period	Vehicles Inter- viewed	Total Time Spent in Area	Average Length of Stay Per Vehicle			occu-	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	l Hr 50 Min	18 Min	7	7	14	1.2	1.2	2.4
2 PM to 6 PM	1	l Hr 7 Min	l 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

		-111-	
* Lake	Total 6 AM to 10 PM	6 AM to 10 AM 10 AM to 2 PM to 6 PM to 10 PM	Time Period
or His	ω	1 1 6	Number of Vehicles
torical			Trash Container
Marker	P	Н	Picnic Table
ker	ω	н 2	Fireplace/Grill Rest Rooms
			Electric Outlet
			Water BY
			AND AND DESCRIPTION OF THE PARTY OF THE PART
			Recreation Equip.
			Shelter DRIVER Natural*
			Natural*
			Trash Container
	Ъ	H	Picnic Table
			Fireplace/Grill Rest Rooms
	ω	Ъ 2	
			Electric Outlet AG
			Water O
s .			Recreation Equip.
			Recreation Equip. F
			Shelter
			Natural*

ll. Charles City

ll. Charles City

		USI	ERS 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				50 	~	, ,	
Camp				,	_		
Fish						·	
Check Equipment	*	ž				,	
Repair	1	1		÷		*	
Boat	÷			- 1			
Total	8	7	1			-	

-112-

11. Charles City

									11411100	
			1	ADDITIONA	L FACILI	TIES REQ	UESTED			
Reason for Stopping	Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Swings	Slides	Sandpile	Merry- Go-Rourd	Teeter- Totter	Wading Pool
Eat										7,
Rest	-	1				u.		×		
Sleep	-				*		g. ×			
Camp										
Fish				,					*	
Check Equipment			e y	e 1						
Repair	A		2							
Boat		-		١,	·	, i	i v			
Total		1				Ŧ				

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ORIGINAL ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

	OKIGINAL OKI	-011	. 2 2	TID	שונים	,	-422T	TOT	. 01		11111	CIL	י עו	KT V.	ERS	TI	TE	KVI.	EWED
					7		D	ESI	IN	LTA	ON	(SI	'AT	E)		K			
	ORIGIN (STATE)	Iowa	Charles City	Rest Area		Total												>	
*	Iowa		2			2													
	Charles City	5		_1_		- 6					154					-			
	Total	5	2	1		8′													
	1										-								
	3.	-																	
	1																		
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1										-			-						-

DAY'S ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

	DAI 5 ORIGIN	, AL	VID.	טבוע	1 11	ALT.	LOIM	OI	VI	1117	ندلد	DI	TVI	11(0	-T- T.A	TTT	VVLI)
				3			D	ESI	IN	ATI	ON	(S)	TAT	E)				
	ORIGIN (STATE)	Iowa	Charles City	Rest Area		Total					7							
*	Iowa		2			2												
	Charles City	5		1		6							3					
														1				
	Total	5	2	1	**	8												
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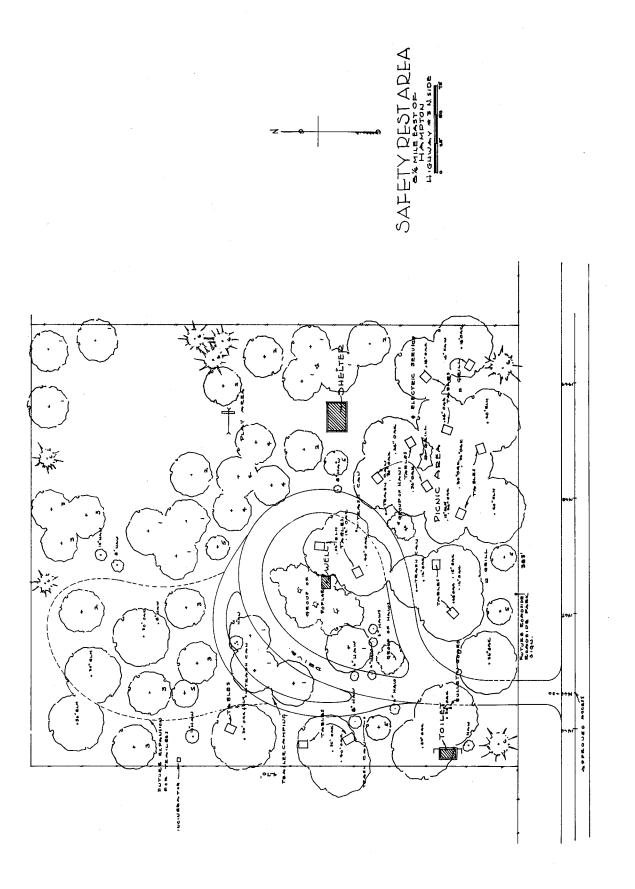
 $[\]ast$ All Locations in $\text{Iow}_{\texttt{A}}$ other than Charles City



HAMPTON

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.



		=		Т	RAFFI	C PAS	SING	REST	AREA							
				OF		PURP		NG			REAS	ON FO	R STO	PPING		
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping		Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Самр	Check Equip.	Repair	Fish	Boat
6 AM to 10 AM	216	2	0.93		= .	2			2			_	v			
10 AM to 2 PM	547	7	1.28	2	1	4	,		5		2	4				
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				-

	LE	NGTH OF STA	Y			VEH	ICLE OCCUPA	ANCY	
Time Period	Vehicles Inter- viewed	Total Time Spent in Area	Average Length of Stay Per Vehicle	Adults		occu-	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	l 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	ll 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	l Hr 39 Min	31	21	52	2.4	1.6	4.0

				-61	L-		
* Lake	Total 6 AM to 10 PM	6 PM to 10 PM	2 PM to 6 PM	10 AM to 2 PM	6 AM to 10 AM	Time Period	
or Historical	13	20	2	7	2	Number of Vehicles	-
orica						Trash Container	FIRS
	0	·	182	4	1	Picnic Table	H
Marker						Fireplace/Grill	FACILITY
H	4	. н	· H	Н	Н	Rest Rooms	YTT
					1	Electric Outlet	USED
	1		Н			Water	D BY
	,					Recreation Equip.	VEH
						Travel Board	VEHICLE
						Shelter	
						Natural*	DRIVER
	2			Р	Н	Trash Container	TOTAL
	œ	Н	Н	4	Ν	Picnic Table	
						Fireplace/Grill	VEHICLE
	10	2	Ν	4	Ν	Rest Rooms	CLE
						Electric Outlet	USAGE
	ω	H	Ч		Н	Water	E OF
	, ω	Ľ	Н	٢		Recreation Equip.	
						Travel Board	II
						Shelter	ITIES
						Natural*	

Hampton

12. Hampton

-							12. Ham	pton
	11		USI	ERS OPINION (OF REST AREA			
f	ason or pping	Number of Vehicles	Feel Area is Adequate	Feel Area is not Adequate	Need Electric Outlets	Meed Picnic Tables	Need Recreation Equipment	Areas Too Far Apart
Eat		8	6	2		1		4
Rest		2	2		,			
Slee	p	2	2			-		
Camp	,	1	Ţ			10		F
Fish							(i)	,
Chec Equi	k pment		ý				, A	
Repa	ir			v -				
Boat				70		_		
Tota	1	13	11	2		1	v	4

-120-

12. Hampton

V-12-12-12-12-12-12-12-12-12-12-12-12-12-				The second distribution of the latest depth of				ız. namp	
		2	ADDITIONA	L FACILI	TIES REQ	UESTED			
Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Swings	Slides	Sandpile	Merry- Go-Round	Teeter- Totter	Wading Pool
12	~	2	1			-			
, ,	X.	-			e e		-		
, e		1							
-									
		,							
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	•	19	a a		*				
	,	~				-			
	**	3	1	. 4					
			Rest Rooms Water Entrance Signs 2	Rest Rooms Water Entrance Signs More Trash Containers 2 1	Rest Rooms Water Entrance Signs Containers 2 1 1 3 1	Rest Rooms Water Entrance Signs Containers Swings Slides 2 1 1 3 1	Rest Rooms Water Entrance Signs Containers Swings Slides Sandpile 2 1 1 3 1	Rest Rooms Water Entrance Signs Containers Swings Slides Sandpile Merry-Go-Round 2 1 1 3 1	Rest Rooms Water Entrance Signs Containers Swings Slides Sandpile Merry-Go-Round Totter 2 1 1 3 1

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12. Hampton
ORIGINAL ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

ORLOGIM	010												. D.	LLT V	LILL	11	N I III	KVI	EWED
					150		D	ESI	INZ	TT	ON	(SI	AT	E)		1			PI .
ORIGIN (STATE)	1	Ontario Canada	Indiana	Iowa	M1 ch1 gan	New Jersey	New York	Pennsylvan1a	Washington	Wyoming		Total							
Iowa			_1	5			1-			_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

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				w)		D	EST	INZ	ATI	ON	(SI	CAT	E)				
ORIGIN (STATE)	Illinois	Iowa	South Dakota	*Rest Area	-	Total	7		-	i							
Iowa	1	7	2	1		10					1 2						
South Dakota	2			1		3						- 1					
·						- 2											
Total	3	7	2	1		13											
*	-																
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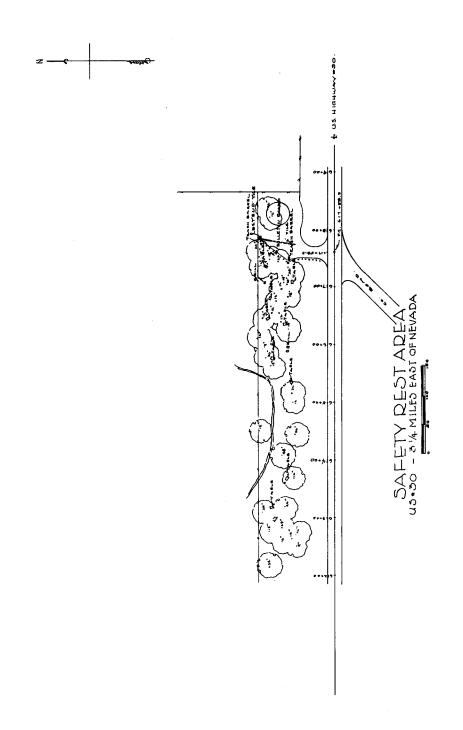
^{*} Indicates overnight stop at rest area.



NEVA DA

Rest Area # 13 is located 3 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 Hory 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 puring the interview period.



				Т	RAFFI	C PAS	SING	REST	AREA	-1-7 1-1-1-1-1						
				OF		PURP		NG			REAS	ON FO	R STO	PPING		
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping		Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Сатр	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						

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* Lake	Total 6 AM to 10 PM	to 10 PM	2 PM to 6 PM	10 AM to 2 PM	6 AM to 10 AM	Time Period	
or Historica	12	ı	ω	6	2	Number of Vehicles	18)
oric	Н			Н		Trash Container	FIRST
-	9	н	2	И	Ъ	Picnic Table	1
Marker		2		And the second s		Fireplace/Grill	FACILITY
r						Rest Rooms	ALIT
				and the below of the second second second		Electric Outlet	USED
				-		Water	D BY
				достинення выполняющий странення под постанова на при под	×	Recreation Equip.	1 1
						Travel Board	VEHICLE
						Shelter	
		. ·				Natural*	DRIVER
	ω	1	Ν	σ		Trash Container	TO
	9	'n	Ν	σ	⊢ J	Picnic Table	TOTAL
	· 1				1	Fireplace/Grill	VEHICLE
				100000000000000000000000000000000000000		Rest Rooms	CLE
		¥				Electric Outlet	USAGE
						Water	3E OF
	. 1					Recreation Equip.	
		:				Travel Board	FACILITIES
						Shelter	TIES
						Natural*	

Nevada

13. Nevada

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

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13. Nevada

									100 2100	
		•	1	ADDITIONA	L FACILI	TIES REQ	UESTED			
Reason for Stopping	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		8	* 1	2		-		
Sleep	, , ,			ă ,		,				
Camp										
Fish				,	,				¥	
Check Equipment				*	5 A					a [†]
Repair										y
Boat				,						
Total	5	6	3	. 4	1			*	1	

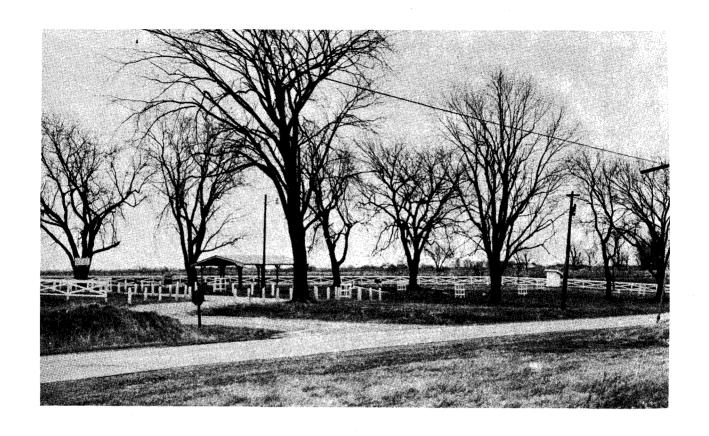
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ORIGINAL ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

	10000										. 1)	LL V.	LICE	11	4 T T	LVI	EWED
0					D	ESI	IN	TI	ON	(SI	'AT	E)					
California	Ontario Canada	Commecticut	Illinois	Massachusetts	M1ch1gan	0110	Washington		Total		-						
			1						1								
		1			2				3								
							1		1								
1		2							1								
	1																
2									2								
						1			1			,					
41			1	1					2								
3	1	1	2	1	2	1	1		12								
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	ω California	α α α 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	California California 1 1 Canada Connecticut	California California 1 1 Canada 1 Connecticut Illinois	California California Canada 1 Canada 1 Commecticut Massachusetts	California California Canada 1	DEST California Canada Canada	DESTINA DESTINA	DESTINATIO DESTINATIO	DESTINATION	DESTINATION (ST	DESTINATION (STATE Collins Col	DESTINATION (STATE)	DESTINATION (STATE)	DESTINATION (STATE)	DESTINATION (STATE)	Total Tota

DAY'S ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

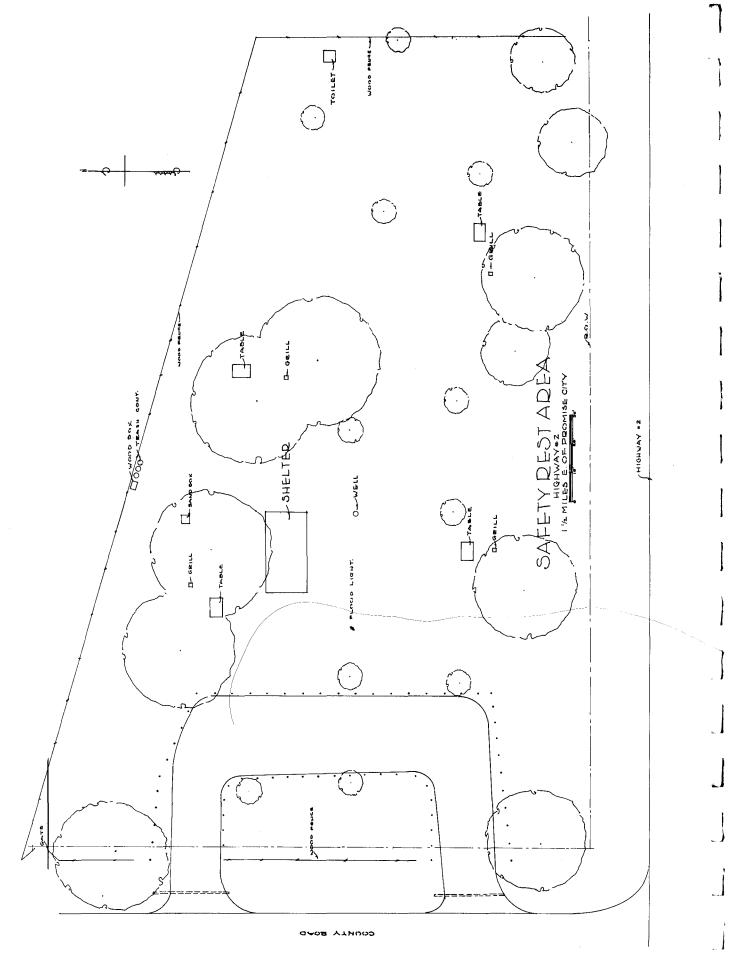
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				1	D	ES7	IN	ATI	ON	(SI	TAT	E)					
Illinois	Iowa	Nebraska		Total		7			1								
1			15	1													
	1	2		3							3						
3				3			× 2										
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				-													
			æ										18.				
	2 2 1 1111001s	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1	1 I I I I I I I I I I I I I I I I I I I	1 1 1 1 1 1 1 2 3 3 3 12 1 1 1 1 1 1 1 1	D	DEST S	DESTINA STATE	DESTINATI	DESTINATION	DESTINATION (ST	DESTINATION (STATE 1	DESTINATION (STATE)	DESTINATION (STATE)	DESTINATION (STATE)	DESTINATION (STATE)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1



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.



				Т	RAFFI	C PAS	SING	REST	AREA							
					TRIP	PURP					REAS	ON FO	R STO	PPING		
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping		Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Самр	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	The second												
6 PM to 10 PM	236	0	0													
Total 6 AM to 10 PM	1191	3	0.25	1	1	.1			3							

133-

	LE	NGTH OF STA	Y			VEH	IICLE OCCUPA	ANCY	
Time Period	Vehicles Inter- viewed	Total Time Spent in Area				Occu-	Average Number of Adults per Vehicle		Average Total Occu- pants Per Vehicle
6 AM to 10 AM	0								
10 AM to 2 PM	3	l Hr 29 Min	30 Min	6	2	8	2.0	0.7	2.7
2 PM to 6 PM	0	ė							
6 PM to 10 PM	0	ž			*				, ,
Total 6 AM to 10 PM	3	l Hr 29 Min	30 Min	6	2	8	2.0	0.7	2.7

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		-386-	
* Lake	Total 6 AM to 10 PM	6 AM to 10 AM 10 AM to 2 PM to 6 PM 6 PM to 10 PM	Time Period
or Histor	ω	ο ο ω ο	Number of Vehicles
orica			Trash Container
-	Ν	ν Ν	Picnic Table
Marker			Fireplace/Grill Rest Rooms
K	Н	Н	Rest Rooms 비행
			Electric Outlet
			Water BK
			Recreation Equip.
			Recreation Equip.
			Shelter DRIVER
	Н	Н	Trash Container
	ω	ω	Picnic Table
			Fireplace/Grill
	P	j.	
	IX		Electric Outlet
			Water O
	2		Recreation Equip. To Control Board Travel Board Shelter
			Shelter
			Natural*

.4. Promise City

14. Promise City

		USI	ERS 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	2						
Sleep	,			u,	-		
Camp		-	-				
Fish		v		(H)			
Check Equipment	9	7 -					-
Repair		÷		~		-	
Boat		¥ .	,	,¥			
Total	- 3	3		,			2

-136-

14. Promise City

								NOVE SHEET BY THE SHEET AND ADDRESS OF THE SHE	TOMISC CI	
			2	ADDITIONA	L FACILI	TIES REQ	UESTED	^ -		,
Reason for Stopping	Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Swings	Slides	Sandpile	Merry- Go-Round	Teeter- Totter	Wading Pool
Eat	× , «		- A							
Rest					-	-	. ~			
Sleep		/ E	NONE OF	THE DRI	VERS INT	ERVIEWED				
Camp		, ,, , , , , ,	SUGGEST	ED ADDIT	IONAL FA	CILITIES			^	
Fish			BE A	DDED TO	THIS RES	r area) 		
Check Equipment						X		# 		
Repair	y * '	, e		18.		, y , , , , , , ,				
Boat		1 3 V					#		v	a x
		***					,	. '	* , ,	
Total	×			2		¥ ,			* **	

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14. Promise City
ORIGINAL ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

ORIGINAL OR	TOTIV	THID	שונע	, 1 1	TALYT	101	N OI		TillT	.CIII	ע י	KT V	ERS	TI	TE	KVI	EWED
			1		D	EST	CINZ	ATI	ON	(S)	TAT	E)		V			
ORIGIN (STATE)	Illinois	Iowa	Total									1					
Iowa	1	1	2														
Missouri		1	1														
Total	1	2	3														
		_	-														
		_	-														
			+						_								
								-									
X																	
					= V												

DAY'S ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

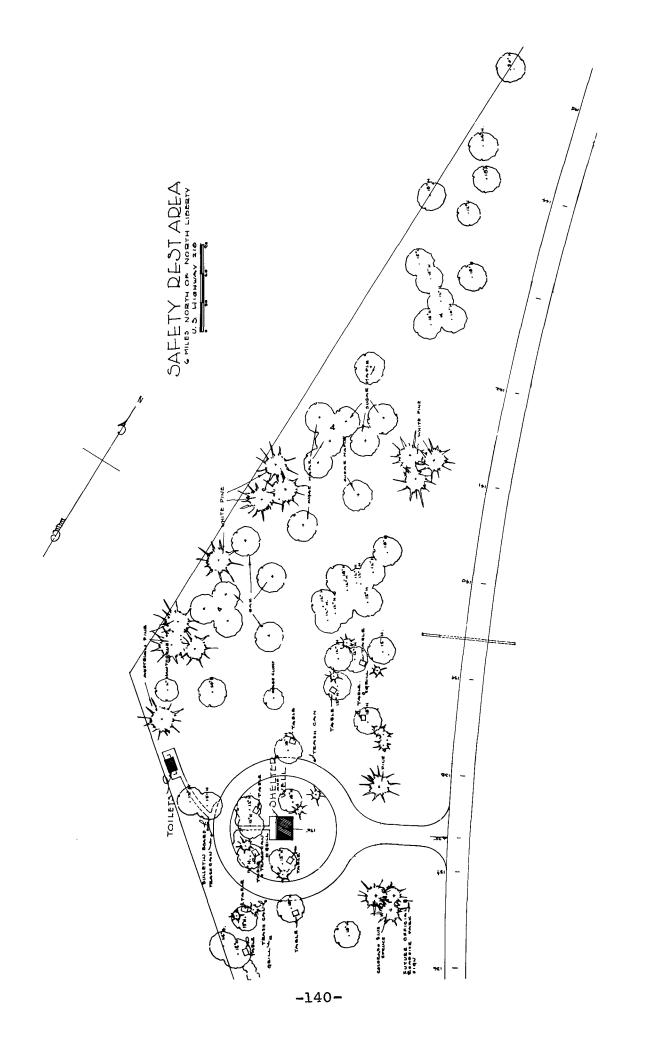
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		DESTINATION (STATE)																
ORIGIN (STATE)	Iowa	Missouri		Total														
Iowa	1	1		2														
Missouri	1			1														
Total	2	1		3														
										1								
	-					- 7.					_			,				
		-																
	-																	
				3.														
					2													
										V I								



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 of 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 Iow 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.



				Т	RAFFI	C PAS	SING	REST	AREA							
				OF		PURP		NG			REAS	ON FO	R STO	PPING		
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping		Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Самр	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	18				
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		8	7	3	2					

	LE	NGTH OF STA	Y	-		VEH	ICLE OCCUPA	ANCY	
Time Period	Vehicles Inter- viewed	Total Time Spent in Area	Average Length of Stay Per Vehicle	Adults		occu-	Average Number of Adults per Vehicle		Average Total Occu- pants Per Vehicle
6 AM to 10 AM	0		* *	2					
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	l 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

* Lake	Total 6 AM to 10 PM	2 PM to 6 PM 6 PM to	6 AM to 10 AM 10 AM to 2 PM	Time	
or Histor	12	2 4	o 0	Number of Vehicles	d
orica				Trash Container	FIRST
-	Л	Н	4	Picnic Table	
Marker	Ĺ	ь		Fireplace/Grill	FACILITY
K	Н	· P		Rest Rooms	ALI
				Electric Outlet	USED
				Water	D BY
	,			Recreation Equip.	1 1
			-	Travel Board	VEHICLE
				Shelter	
				Natural*	DRIVER
	4	Н	ω	Trash Container	TO
	0	н н	4	Picnic Table	TOTAL
	Ъ	Ь		Fireplace/Grill	VEHICLE
	٧	٧		Rest Rooms	CLE
				Electric Outlet	USAGE
				Water	GE OF
		~		Recreation Equip.	
				Travel Board	FACILITI
				Shelter	TIES
			na alakana kana alika ja alakan ji anaki ji alikanakin kata kana a alikan a alikan kanakin kanakin kanakin kan	Natural*	0,

15. North Liberty

-		USI	ERS OPINION (OF REST AREA		*	
Reason for Stopping	Number of Vehicles	Feel Area is Adequate	Feel Area is not Adequate	Need Electric Outlets	Meed Picnic Tables	Need Recreation Equipment	Areas Too Far Apart
Eat	7	3	4				2
Rest	3	2	1			1	
Sleep	2	2		, , , , , , , , , , , , , , , , , , ,		. x	
Camp		-					
Fish						4	
Check Equipment		w.	,				
Repair				^	N		
Boat		-	,	19			
Total	12	7	5			1	2

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15. North Liberty

								-		
			1	ADDITIONA	L FACILI	TIES REQ	UESTED			
Reason for Stopping	Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Swings	Slides	Sandpile	Merry- Go-Round	Teeter- Totter	Wading Pool
Eat		4						~		
Rest		, 1		A)	1		1	.1		
Sleep	* 3 n			^						
Camp				,						
Fish			× 1			-				
Check Equipment										
Repair										
Boat			,	~			*			
Total		5		- 40 4	.1 .	į.	1	1		

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ORIGINAL ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

OKIGINIM OK							101	. 0.		23,12	CLL	ים ו	KT V.	EKS	TI	ILLI	KVI.	CWED
						D	ES7	CINZ	ATI	ON	(S)	TAT	E)					
ORIGIN (STATE)	Dist Columbia	Florida	Illinois	Iowa	Missouri	Wisconsin		Total										
Iowa			1	5		1		7										
Minnesota	1	1	1		1			4										
Missouri						1		1										
Total	1	1	2	5	1	2		12										
																		-

DAY'S ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

DAY'S ORIGIN	V AI	עע	DES	TIT	VAT	LON	10	Λ1	SHI		י דע	(TV.	CND	TIV	ILL	(VI)	EWE.	D
						D	EST	IN	ATI	ON	(S	TAT	E)					
ORIGIN (STATE)	Florida	Iowa	Missouri	Wisconsin		Total												
Iowa		7				7					-							
Minnesota	1	1	2			4												
Missouri				1		1												
				4		1												
Total	1	8	2	1		12				*.								
	-				1													
1 V																		
									,									
				10														
Management to the control of the con			2	es.														
						-		-										



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. Establish ed 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.

				Т	RAFFI	C PAS	SING	REST	AREA							
				OF		PURP		NG			REAS	ON FO	R STO	PPING		
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping	Work	Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Сатр	Check Equip.	Repair	Fish	Boat
6 AM to 10 AM	208	0	O		,								,			
10 AM to 2 PM	224	4	1.79	1		2	I I P	1		2		1	1		~	
2 PM to 6 PM	221	1	0.45				1			1						
6 PM to 10 PM	181	0	O										Je			
Total 6 AM to 10 PM	834	5	0.60	1		2	1	1		3		1	1			

		-TST-		
* Lake	Total 6 AM to 10 PM	6 AM to 10 AM 10 AM to 2 PM to 6 PM to 10 PM	Time Period	
or Hist	Л	0 4 1 0	Number of Vehicles	
orical Marker	2	2	Trash Container Picnic Table Fireplace/Grill Rest Rooms Electric Outlet Water Recreation Equip. Travel Board	
			Shelter DRIVER	
			Trash Container Picnic Table Fireplace/Grill Rest Rooms	
	ω	р 2		
	2	N		16. н
			Recreation Equip. COULT	Henderson

16. Henderson

						10. 110111	.01.0011
ų s		USI	ERS OPINION (OF REST AREA			*
Reason for Stopping	Number of Vehicles	Feel Area is A dequate	Feel Area is not Adequate	Need Electric Outlets	Need Picnic Tables	Need Recreation Equipment	Areas Too Far Apart
Eat						,	8
Rest	3	2	1			1	
Sleep	-					. 1	
Camp	1	1					
Fish						*	
Check Equipment	1 *	1			9	ÿ.	
Repair		,			- ,		
Boat			^				
Total	5	4	1			1	

16. Henderson

				1	ADDITIONA	L FACILI	TIES REQ	UESTED			
	Reason for Stopping	Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Swings	Slides	Sandpile	Merry- Go-Round	Teeter- Totter	Wading Pool
	Eat Rest					.1	~			1	
I.	Sleep	* .		,		* * 1					
1231	Camp	s s							-	-	
	Check Equipment					,				-	
	Repair	8 8 8	,	,							4
	Boat		1					v			
	Total		407		, a.	, 1	К			1	

TOUT

ORIGINAL ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

				D	EST	IN	ATI	ON	(S)	TAT	E)			
ORIGIN (STATE)	Iowa	Total			7			<i>y</i>						
Colorado	1	1												
Iowa	4	4												
Total	5	5												
		_												
PERSONAL PROPERTY AND PROPERTY														

DAY'S ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

				D	EST	TNZ	ТТА	ON	(S	ГАТ	E)			
ORIGIN (STATE)	Iowa	Total									,			
Iowa	3	3												
Missouri	1	1												
Rest Area	1	1												
Total	5	5							-					
		-	-3 -0											

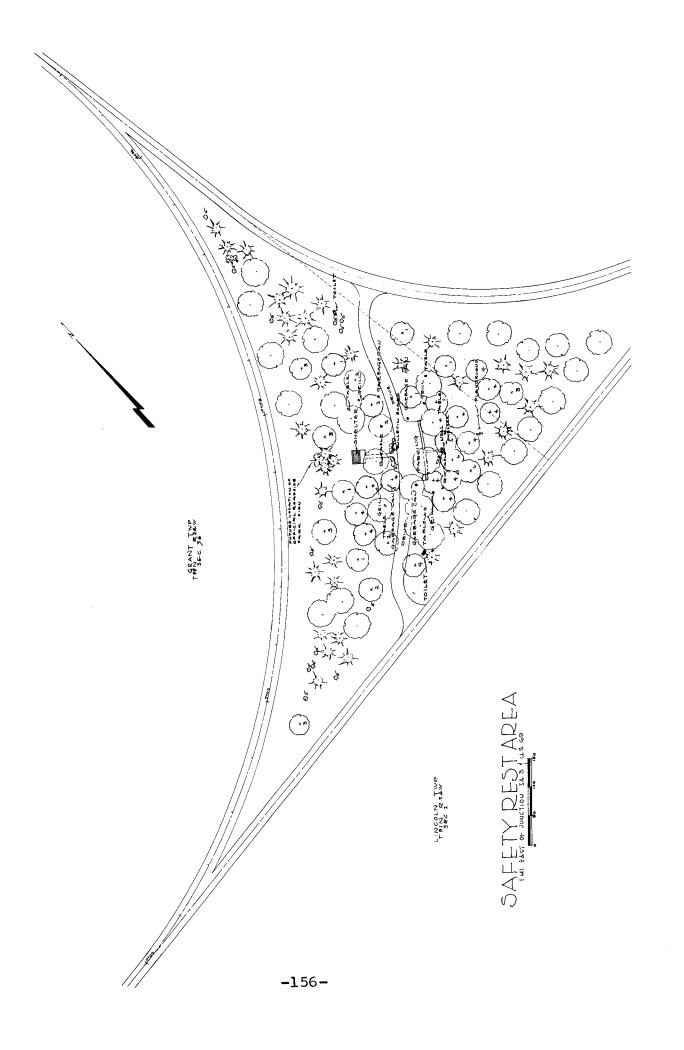
^{*} Camped overnight at rest area



CLARION

Rest area # 17 is located 1 Mile east of the west Junction of U.S. 69 and Iowa 3 in Wright County. Located on state-owned property, the park is furnished and maintained by the Wright County Conservation Board. It was approved as an Iowa State Highway Commission Rest Area on May 4, 1959. Facilities include 4 picnic tables, 3 trash containers, 2 fireplaces, 4 rest rooms, water, a shelter, 6 electric outlets, and lights.

Traffic entering the rest area was interviewed on Friday, August 10, 1961. Fifty passenger cars and one truck were interviewed during the 16 hour interview period from 6 A.M. to 10 P.M.



				Т	RAFFI	C PAS	SING	REST	AREA							
				OF		PURP		NG			REAS	ON FO	R STO	PPING		
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping		Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Сатр	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				

	LE	NGTH OF STA	Y			VEH	ICLE OCCUPA	ANCY	
Time Period	Vehicles Inter- viewed	Total Time Spent in Area	-	Adults		occu-	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	l Hr 6 Min	112	45	157	2.2	0.9	3.1

				-65			
* Lake	Total 6 AM to 10 PM	6 PM to 10 PM	2 PM to 6 PM	10 AM to 2 PM	6 AM to 10 AM	Time Period	
or Histori	51	ω	12	23	13	Number of Vehicles	
orica	Н				Ъ	Trash Container	FIRST
cal M	14		N	ω	4	Picnic Table	
Marker						Fireplace/Grill	FACILITY
r	21	Ъ	Uī	10	σ	Rest Rooms	ALI
						Electric Outlet	USED
	Н	Ъ				Water	D BY
						Recreation Equip	
		1				Travel Board	VEHICLE
	2				2	Shelter	
						Natural*	DRIVER
50	17			11	Q	Trash Container	TO
	22	Н	2	11	ω	Picnic Table	TOTAL
						Fireplace/Grill	VEHICLE
	36	2	7	17	10	Rest Rooms	CLE
						Electric Outlet	USAGE
	ω	. N			Ъ	Water	GE OF
						Recreation Equip.	
						Travel Board	T
	ω		Н	σ	2	Shelter	FACILITIES
					ACCUPATION OF THE PROPERTY OF	Natural*	

275		400					
- 1	1	(,	1	ar	7 7	0	n
_1	1 2	-	10	2	_	-	11

						17。 C	larion
7		USI	ERS OPINION (OF REST AREA			
Reason for Stopping	Number of Vehicles	Feel Area is A dequate	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	1	× ×					
Camp	4	3	1			1	1
Fish							
Check Equipment		ı.			,		
Repair		e e		à	w		
Boat				e.			
Total	51	47	4	~	2	3	10

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17. Clarion

									-		
				1	ADDITIONA	L FACILI	TIES REQ	UESTED			
	Reason for Stopping	Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Swings	Slides	Sandpile	Merry- Go-Round		Wading Pool
	Eat		×	1					-		
	Rest				,	2 .	۸			2	1
	Sleep	× 2				*		, .			
-161	Camp			,		1		~		1	
1	Fish	s		-						ż	
	Check Equipment))				×	,			¥	*
	Repair		*			j.					¥
	Boat	L.	2		- X			*			
	Total	2 8	Mari -	1		3	*		u.	3	1
		,									

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17. Clarion (Original) ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED DESTINATION (STATE) ORIGIN Dakota Pennsylvania California New Jersey Washington Minnesota Illinois Nebraska Indlana Wyoming (STATE) South Total 0h10 New 1 1 California 2 Winnepeg Canada 1 Illinois 1 3 Iowa 14 5 19 1 1 Michigan 2 1 4 1 Minnesota 8 1 Montana 1 1 1 Nebraska 1 1 2 New York 1 1 Oregon 1 1 Pennsylvania 4 South Dakota 2 2 1 1 Tennessee Washington 2 1 1 4 Wisconsin 1 1 1 Wyoming 1 Total 3 5 1 22 1 6 2 1 1 1 1 2 1 2 51 1 1

-797-

(Day's)				OR	IIGI	N	AN	1D	DE	ST	IN	ATI	ON)F	VE	HI	CL	E	DR	IVE	ER	S I	NT	TEF	RVIE	EW	ED	17.	Cla	rion.
														ES	TI	NA.	TIC	N	CS	STA	TE)									
ORIGIN (STATE)	Illinois	Indiana	Iowa	Kansas	Minnesota	Nebraska	Ohio	South Dakota		Total																					
Illinois			2					4		6																					
Iowa	1	2	16		5					24																					
Michigan	-					1				1																					
Minnesota	1		6	3		1				11																					
Nebraska					1					1																					
South Dakota	1		2	-						3																					
Wisconsin			1							1																					
Rest Area	2		1				1			4																					
Total	F	0	28	7	0	0	4			54																					_
Total	5	2	20	3	6	2	1	4		51																				_	_
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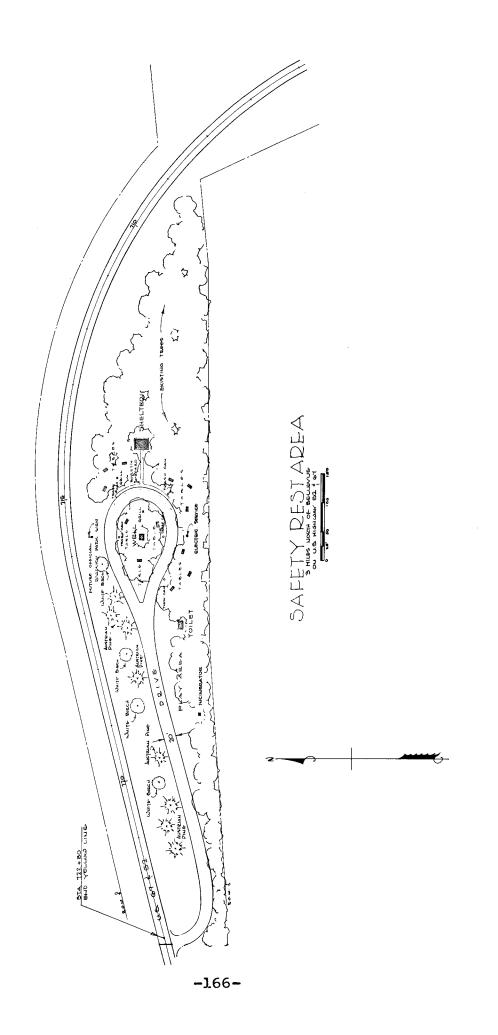
* -163-



BELLEVUE

Rest Area # 18 is located 3 miles north of Bellevue on the south west 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.



			***************************************	Т	'RAFFI	C PAS	SING	REST	AREA							
				OF		PURP		NG			REAS	ON FO	R STO	PPING		
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping		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					

	LE	NGTH OF STA	Y			VEH	HICLE OCCUPA	ANCY	
Time Period	Vehicles Inter- viewed	Total Time Spent in Area		Adults		Total Occu-	Average Number of Adults per Vehicle	Average	Average Total Occu- pants Per Vehicle
6 AM to 10 AM	1	l Hr 5 Min	l 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	l 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

	_ `				-691-	#C	
* Lake	Total 6 AM to 10 PM	to to	2 PM to 6 PM	10 AM to 2 PM	6 AM to 10 AM	Time Period	
or Historical	9	L	2	U	. 1	Number of Vehicles	
orica				12		Trash Container	FIRST
	N			Ν		Picnic Table	1 1
Marker	. 1				Ъ	Fireplace/Grill	FACILITY
K	4	1		ω		Rest Rooms	YTI
		3				Electric Outlet	USED
						Water	о ву
	×					Recreation Equip.	1 1
						Travel Board	VEHICLE
						Shelter	
						Natural*	DRIVER
						Trash Container	TO
	ω			Ν	Н	Picnic Table	TOTAL
	1				⊢	Fireplace/Grill	VEHICLE
	ω	1	Н	ъ	Н	Rest Rooms	CLE
		-				Electric Outlet	USAGE
	4		Н	Ν	H	Water	GE OF
. "						Recreation Equip.	
7						Travel Board	FACILITIES
			www.delease.at.ac.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Shelter	TIES
						Natural*	5

18. Bellevue

		USI	ERS OPINION (OF REST AREA			
Reason for Stopping	Number of Vehicles	Feel Area is A dequate	Feel Area is not A dequate	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

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18. Bellevue

			1	ADDITIONA	L FACILI	TIES REQ	UESTED			
Reason for Stopping	Rest Rooms	Water	Entrance Signs	More Trash Con- tainers	Sw ings	Slides	Sandpile	Merry- Go-Round	Teeter- Totter	Wading Pool
Eat	i.							-		
Rest	,				-	1		36		
Sleep	, , , , , , , , , , , , , , , , , , ,		-1		1		y *			
Camp	-				,					
Fish	,									
Check Equipment				y.						
Repair	i.	2								×
Boat							100 100			
Total			.1							

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ORIGINAL ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

OKIGINAL OK.					, 1 1	14777	101	. 01		11,11		ים י	KT V	ERS	TI	ILL	RVI	CMED
	DESTINATION (STATE)																	
ORIGIN (STATE)	Iowa	Minnesota	Oh10	Virginia	Wisconsun		Total											
Illinois	1	1					2											
Iowa	2				1		3											
Minnesota			1	1			2											
Ohio	1	1					2											
Total	4	2	1	1	1		9				,							
												:						
					V	71												

DAY'S ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

DESTINATION (STATE)																	
Illinois	Iowa	Minnesota	Wisconsin		Total				Ÿ								
	2	1			3												
	2		1		3						1						
1	1				2							-					
-		1	*		1												
1	5	2	1		9				-				æ				
	1 Illinois	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Illinois IN D IOWA I Minnesota	Illinois I N N Iowa I Minnesota Wisconsin	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	D D D D D D D D D D	DEST DEST	DESTINA	DESTINATI	DESTINATION	DESTINATION (ST	DESTINATION (STAT	DESTINATION (STATE)	DESTINATION (STATE)	DESTINATION (STATE)	DESTINATION (STATE) S	2

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.

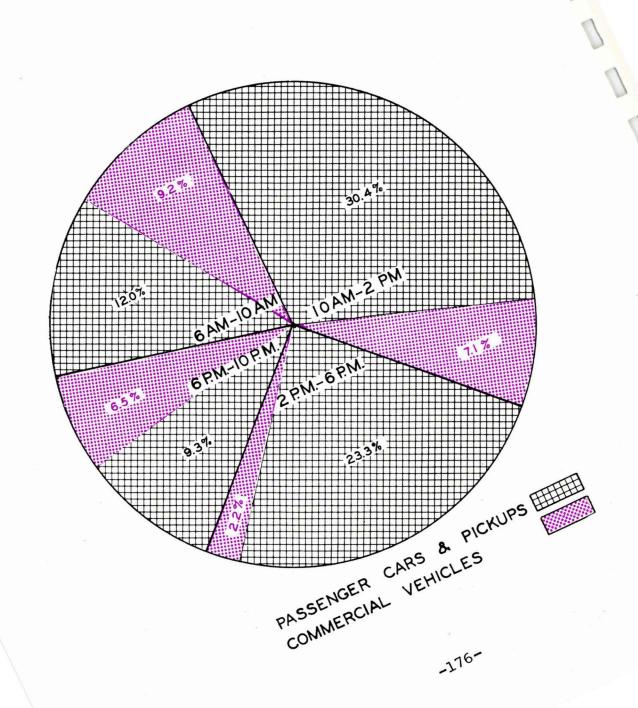
The four-hour period during which the longest average stay was recorded was from 6 A.M. until 10 A.M. when the average length of stay was 86 minutes. From 6 P.M. until 10 P.M., the average stay was 40 minutes, 14 minutes from 10 A.M. until 2 P.M. and 11 minutes from 2 P.M. until 6 P.M. Of all vehicles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

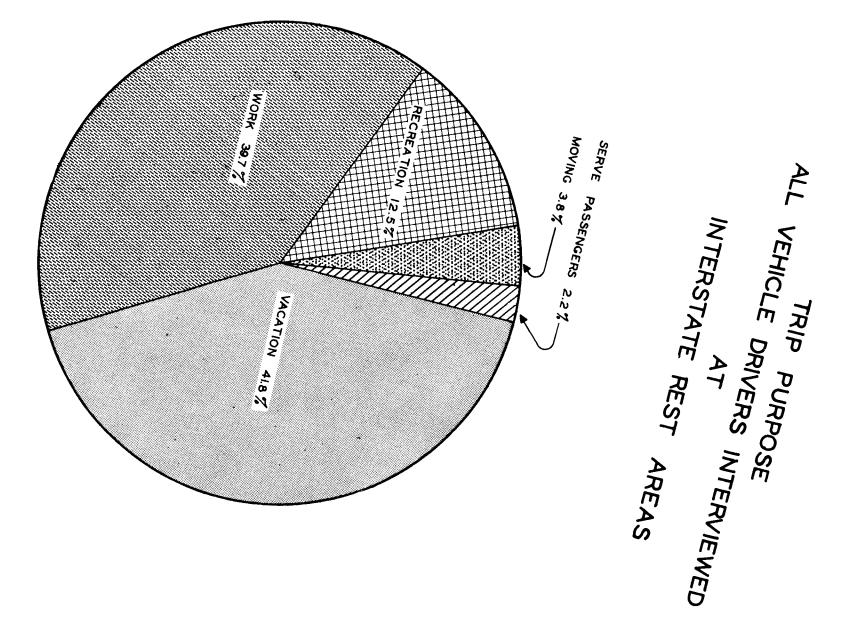
The average vehicle interviewed at Interstate rest areas carried 1.7 adults and 0.9 children under 15 years of age. Total occupancy averaged 2.6 persons per vehicle.

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.

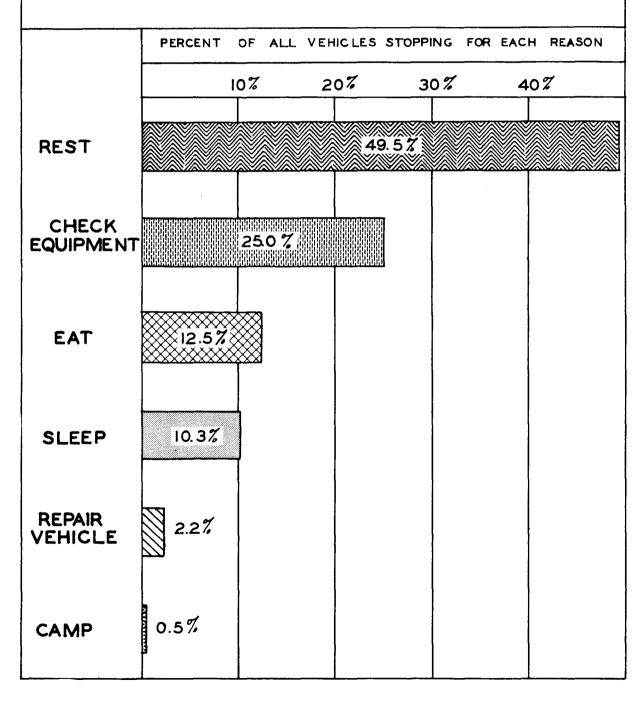
The manner in which data are presented is identical for each of the pairs of Interstate rest areas studied as well as for the summarization of both pairs.

DISTRIBUTION OF TRAFFIC
DISTRIBUTION OF TRAFFIC
INTERSTATE REST AREAS

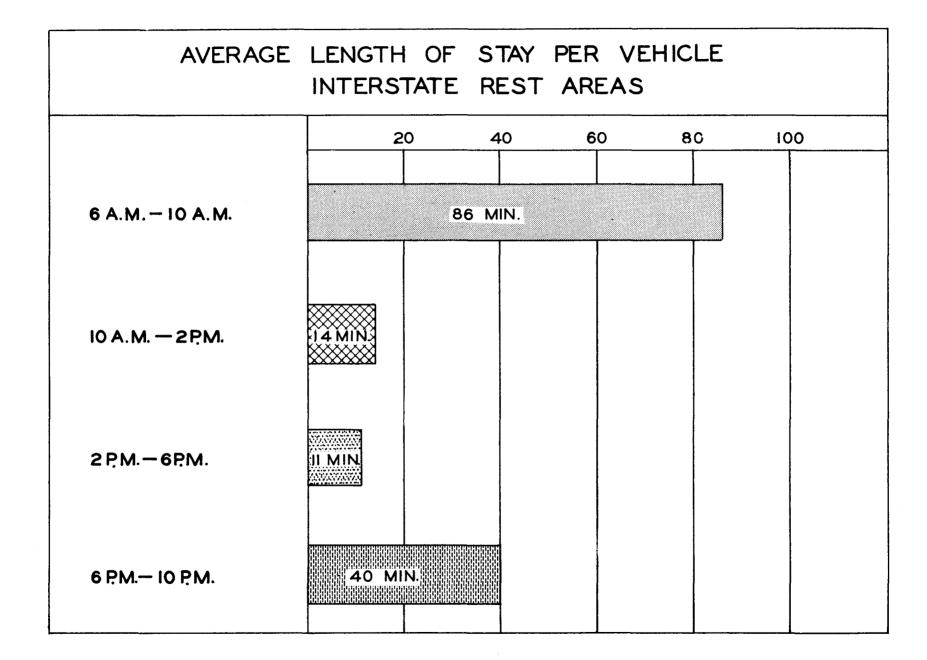




REASON FOR STOPPING ALL VEHICLE DRIVERS INTERVIEWED AT INTERSTATE REST AREAS

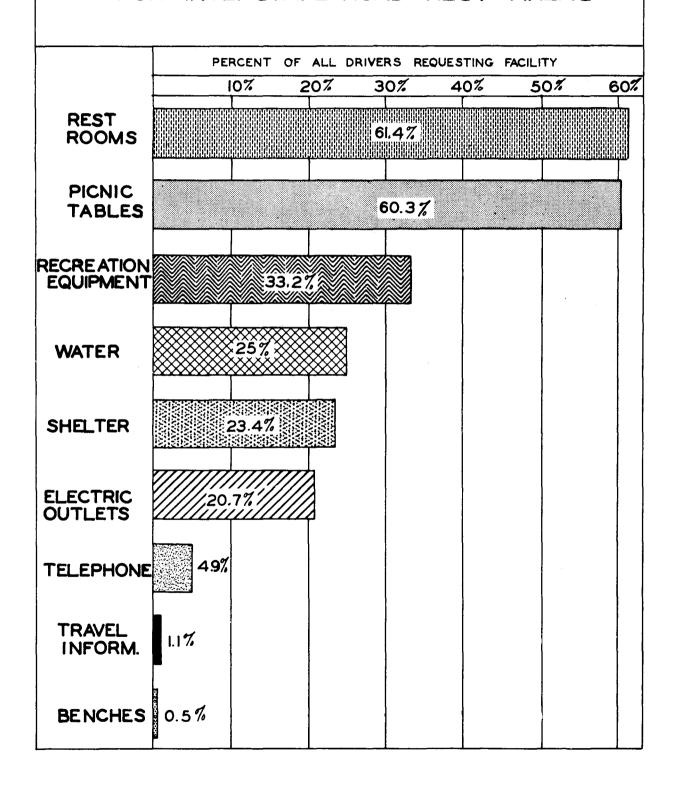


									-							
				Т	RAFFI	C PAS	SING	REST	AREA							
				OF		PURP		NG			REAS	ON FO	R STO	PPING		
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping		Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Самр	Check Equip.	Repair	Fish	Boat
6 AM to 10 AM	1701	39	2.29	21	3	14		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		



	LE	NGTH OF STA	Y			VEH	ICLE OCCUPA	ANCY	
Time Period	Vehicles Inter- viewed	Total Time Spent in Area	Average Length of Stay Per Vehicle			Total Occu-		Average	Average Total Occu- pants Per Vehicle
6 AM to 10 AM	39	56 Hrs 7 Min	l 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	ll Min	88	48	136	1.9	1.0	2.9
6 PM to 10 PM	29	19 Hrs 14 Min	40 M in	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 Inter	state Rest A	reas Intervi	ewed
		USI	ERS OPINION (OF REST AREA			
Reason for Stopping	Number of Vehicles	Feel Area is Adequate	Feel Area is not Adequate	Need Electric Outlets	Meed 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						j.	
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

			_		or beace i	TAXABLE TO THE PARTY OF THE PARTY.	HOMO, STORING HOUSE WAS COME FOR	
			ADDITION	NAL FACI	LITIES R	EQUESTED		
Reason for Stopping	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						ř
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)				OF	RIG	IN	A	ND	DE	ES1	TIN	ATI	ON)F	VE	HI	CL	E	DF	RIV	ER.	S	IN-	TEF	RVIE	EWI	ED			
							et.							ES	STI	NA	TIC	N	C	ST/	ATE	(:									
ORIGIN (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	E	10.031		
California				1				3	1				1		1	2				1	1							1	1	+	
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		2	1		
Indiana					1												1	7.											2		
Iowa	1		1				1	4		40	3	1				1	1	11		2	1	1	1	1			8	7	2		
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							3	1		
New Haryshire																		1											1		
Nevada																				1									1		
New Jers ey			1												-											1			2		
New Mexico				-																	1								1		
New York																		1						1		1			3		
North Carolina											4															1			1		
Pennsylvania					-																			1					1		
South Dakota										1	-												*1						1		
Utah								1														2							1		
Virginia		1																											1		
Washington						1			1							2													4		
Wisconsin		1			2						1																		1		
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	18	4		
			8																												
	-					-																									

(Day	s)			OR	RIGI	N	AN	ID	DE	ST	IN	ATI	ON	C	F	VE	HI	CL	E	DRIVER	S	TMI	ER	VIEW	ED				
																				STATE									
ORIGIN (STATE)	Alabama	Colorado	Illinois	Indiana	Iowa	Kansas	Louisiana	Maine	Michigan	Missouri	Nebraska	New York	Ohio	South Dakota	Texas	Utah	Wisconsin		Total										
California			1									1							2		1				_				
Illinois					5					1	15	-			Ţ.				21										
Indiana		1			1														2										
Iowa	1		8		49	4	1		1	1	20			1	1				87		_							+	
Kansas					1												1		2		_							1	
Michigan					1						2					1			4		1						_		
Minnesota					1	1					1								3								1		
Missouri					1														1		1						1	+	
Nebraska			18		19			1	1			4	1						44									1	
New York											1				1				2		1								
South Dakota					1														1						_	_	_	1	
Utah			1																1		1						\top	+	\vdash
Washington				1															1								_	+	_
Wisconsin					1	1					2								3		1				_		_	+	
Wyoming					1														1		1								
Rest Areas		1	1		1				1		4		1						9		1						_		
Total	1	2.	29	1	81	6	1	1	3	2	45	5	2	1	2	1	1		184										
											-																		
									2																				

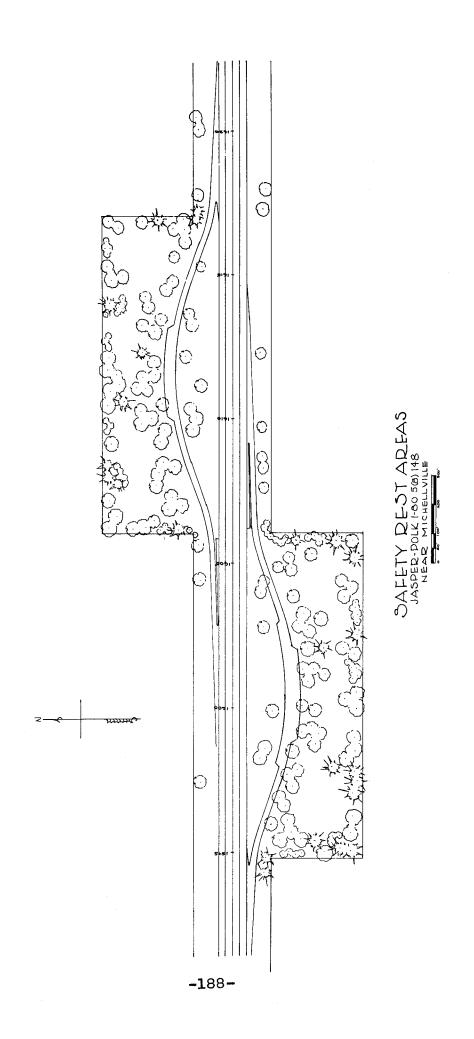


MITCHELLVILLE - BOUNDURANT

Interstate Rest Area # 19 consists of the eastbound and westbound rest areas located on Interstate 80 between the Mitchellville and Bondurant 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.



				т	RAFFI	C PAS	SING	REST	AREA	*						
				OF		PURP LES S	OSE TOPPI	NG			REAS	ON FO	R STO	PPING		
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping		Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Самр	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		2 1	
6 PM to 10 PM	530	10	1.89	10	s					3	1	,	6			
Total 6 AM to 10 PM	2355	56	2.38	27	5	23	1		11	29	4		10	2		

	÷			Т	RAFFI	C PAS	SING	REST	AREA							
	_			OF		PURP		NG			REAS	ON FO	R STO	PPING		
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping		Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Самр	Check Equip.	Repair	Fish	Boat
6 AM to 10 AM	534	4	0.75	3		1				3	1		Ŧ			
10 AM to 2 PM	707	10	1.41	6	2	2	*		×	7			3			×
2 PM to 6 PM	7 27	6	0.83	1	3	2	a.			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)

	LE	NGTH OF STA	Y			VEH	ICLE OCCUPA	ANCY	
Time Period	Vehicles Inter- viewed	Total Time Spent in Area	Average Length of Stay Per Vehicle			Total Occu-		Average	Average Total Occu- pants Per Vehicle
6 AM to 10 AM	12	13 Hrs 46 M in	l Hr 9 M in	25	. 7	32	2.1	0.6	2.7
10 AM to 2 PM	16	2 Hrs 54 M in	ll Min	31	16	47	1.9	1.0	2.9
2 PM to 6 PM	18	4 Hrs 47 Min	16 M in	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

	LE	NGTH OF STA	Y			VEH	ICLE OCCUPA	ANCY	
Time Period	Vehicles Inter- viewed	Total Time Spent in Area	Average Length of Stay Per Vehicle			Total Occu-	Average Number of Adults per Vehicle	Average	Average Total Occu- pants Per Vehicle
6 AM to 10 AM	4	4 Hrs 39 M in	l Hr 10 Min	5	3	8 .	1.3	0.7	2.0
10 AM to 2 PM	10	57 Min	6 M in	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	ll Hrs 45 M in	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)

		Y		THECHELLY	IIIe - Bondu	ranc (Lastpo	una)
		USI	ERS OPINION	OF REST AREA		1-	
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		r j					
Fish			. ,				
Check Equipment	10	3	7	3	6	t g	4
Repair	2	2		al .	,		
Boat				¥			
Total	56	17	39	10	34	16	16

Mitchellville - Bondurant (Eastbound)

			-	ir conerry		oridar arr	- 120000	Juliu,
			ADDITION	NAL FACI	LITIES R	EQUESTED		
Reason for Stopping	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)

				11100110111	Tite - Bollau		
		USI	ERS OPINION (OF REST AREA		A	
Reason for Stopping	Number of Vehicles	Feel Area is A dequate	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 2	4
Repair				×	5a	,	
Boat				^			
Total	24	4	20	. 5	16	7	9

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Mitchellville - Bondurant (Westbound)

				CCHCIIVI	TIE - BO	naarane	(1147
			ADDITIO	NAL FACI	LITIES R	EQUESTED		
Reason for Stopping	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

						D	EST	'INZ	ITA	ON	(S)	TAT	E)			
ORIGIN (STATE)	Alabama	Ontario Canada	Dist Columbia	Illinois	Indlana	Iowa	Louislana	Maryland	Massachusetts	Michigan	New York	Ohio	Wisconsin	Total		
California		1		2	1				1		1	2		8		
Colorado				1	1	1				1	W.			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			2		
South Dakota						1								1		
Utah				1										1		
Washington										2				2		
Total	1	1	1	11	2	21	1	1	1	5	4	4	3	5€		

DAY'S ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

1							D	EST	IN	TTA	ON	(S	TAT	E)			
	ORIGIN (STATE)	Alabama	Illinois	Iowa	Louisiana	Michigan	New York	0110	Wisconsin	N.	Total						
	California		1				1				2						
	Iowa .	1	6	23	1	1					32						
	Kansas .						,		1,		1						
	Missouri			1							1						
	Nebraska		10	4			1	1			16	Ţ					
	South Dakota			1							1						
	Utah		1								1						
*	Rest Area					1		1		,	2					-	
	Total	1	18	29	1	2	2	2	1		56						
			- 4		+5												

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

OTTE CITY														 	4111	LVI	DWDD
						D	ES7	CIN	ATI	ON	(SI	TAT	E)				
ORIGIN (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						
																	a ribrativa Sarran, Lui Serran, Sarra

DAY'S ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

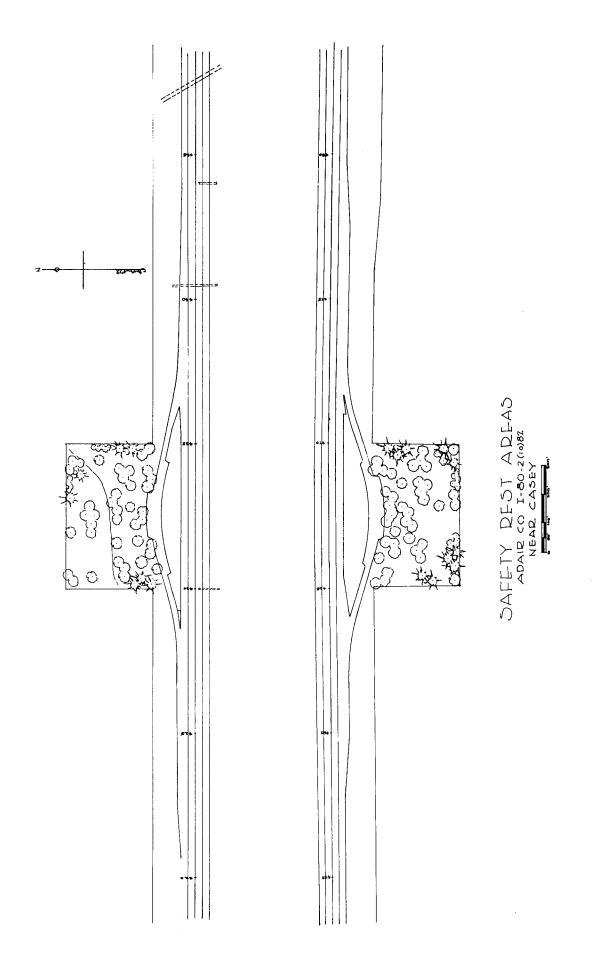
	DAI D ORIGII				The second											Control of the Contro			
Γ							D	EST	IN	ATI	ON	(S)	TAT	E)					
	ORIGIN (STATE)	Colorado	Iowa	Kansas	Nebraska	Texas	Utah	u ,	Total					E.					
	Illinois		3		2				5			: 40							
	Indiana .	1	1						2				*						
	Iowa .		10	1	1				12.				2						
	Michigan		1		•		1		2										
	New York					1			1										
	Wisconsin				1	10:			1						,				
	Rest Area				1				1		ė.								
L																			
	Total	1	15	1	5	1	1		24	9.									
L																			
				i i	(5)														
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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.

Eartbound 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.



					Т	RAFFI	C PAS	SING	REST .	AREA							
		-			OF		PURP LES S		NG			REAS	ON FO	R STO	PPING		
	Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping	Work	Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Camp	Check Equip.	Repair	Fish	Boat
	to LO AM	300	12	4.00	7	1	4				1	6		5			
-	to 2 PM	424	18	4.25	5	3	10			2	12	1	2	3			
	2 PM to 5 PM	459	8	1.74	2		5	1		1	4			3			,
	to LO PM	333	4	1.20		1	3				1	V		1	2		
•	rotal 5 AM to 10 PM	1516	42	2.77	14	5	22	1		3	18	7		12	2		

	-															
				Т	RAFFI	C PAS	SING	REST	AREA							
	~			OF	TRIP	PURP LES S		NG			REAS	ON FO	R STO	PPING		
Time Period	Total Traffic	Traffic Stopping at Area	Percent of Total Traffic Stopping		Recreation	Vacation	Serve Pass.	Moving	Eat	Rest	Sleep	Самр	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 √*81	9	31	5		17			-

Casey - Adair (Eastbound)

	LE	NGTH OF STA	Y			VEH	ICLE OCCUPA	ANCY	
Time Period		Total Time Spent in Area				Total Occu-		Average	Average Total Occu- pants Per Vehicle
6 AM to 10 AM	12	19 Hrs 53 Min	l 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	l Hr 9 Min	9 M in	17	9	26	2.1	1.1	3.2
6 PM to 10 PM	4	53 M in	13 Min	9	.3	12	2.3	0.7	3.0
Total 6 AM to 10 PM	42	24 Hrs 37 Min	35 M in	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			Occu-			Average Total Occu- pants Per Vehicle	
6 AM to 10 AM	11	27 Hrs 49 M in	2 Hrs 32 Min	17	12	29		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 M in	112	65	177	1.8	1.0	2.8	

					casey - A	dair (Eastbo	dila)
		USI	ERS OPINION (OF REST AREA			
Reason for Stopping	Number of Vehicles	Feel Area is Adequate	Feel Area is not A dequate	Need Electric Outlets	Heed 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

		USI	ERS OPINION (OF REST AREA		dair (westpo	usiuj
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	4		8 3		er er	· ~	~ *
Check Equipment	17	8	9	3	9	3	2
Repair		*,	. 9	1 n		1 (A) 4	
Boat	*	**					
Total	62	25	37	14	37	23	19

-207-

Casey - Adair (Westbound)

					Савеу	- Auaii	(westbou	ilu)
			ADDITIO	NAL FACI	LITIES R	EQUESTED		
Reason for Stopping	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		l l						
Check Equipment	6		2	1			1	1
Repair								
Boat								
Total	33	15	18	2			4	4

ORIGINAL ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

OKTOTIVIE OF												- D.	ILT A	LICE	11	4 T 15	KVI	EMED
		DESTINATION (STATE)																
ORIGIN (STATE)	Connecticut	Illinois	Indiana	Iowa	Maine	M1ch1gan	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	8						

DAY'S ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED

	DESTINATION (STATE)																
ORIGIN (STATE)	Illinois	Indiana	Iowa	Maine	Michigan	New York	4	Total									
Iowa	2		7					9									
Kansas .			1					1				,					
Nebraska	8		15	1	1	3		28									
Washington		1						1									
Wyoming			1					1		1.							
Rest Area	1		1					2						*			
Total	11	1	25	1	1	3		42									
				,t													

ORIGIN AND DESTINATION OF VEHICLE DRIVERS INTERVIEWED (ORIGINAL) DESTINATION (STATE) ORIGIN California Washington Colorado Nebraska Missouri (STATE) Arizona Kansas Oregon Texas Total 1 Toronto Canada 1 Connecticut 1 Dist. Columbia 2 14 Illinois 1 1 Indiana 25 3 11 Iowa 7 2 Michigan 2 Minnesota 1 1 N. Carolina 1 N. Hampshire 2 1 New Jersey 1 New York 1 1 Pennsylvania 1 Virginia 1 3 Wisconsin 1 2 2 62 3 10 1 26 4 Total 6 4

	(Day	y's)			OR	liGi	N	AN	ID	DE	ST	IN	ATI											SI	TM	ER	N IE	EW	ED	Cas	ey-Ad	dair (We
															ES	TI	NA.	TIC	N	CS	STA	TE)									
ORIGIN		Colorado	Iowa	Kansas	Missouri	Nebraska	South Dakota	Texas		Total																						
Illinois		-	2		1	13	_			16			-	_				_								_			_			
Iowa	-	_	9	3	1		1	1		34																						
Michigan		1				2				2				_											_							
Minnesota	+	+	1	1		1				3															-							_
New York	-	+				1				1			_																			_
Wisconsin		-		1	- 1	1				2																						
Rest Area	-	1				3				4															-							
Total		1	12	5	2	40	1	1		€2				-											+							_
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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.

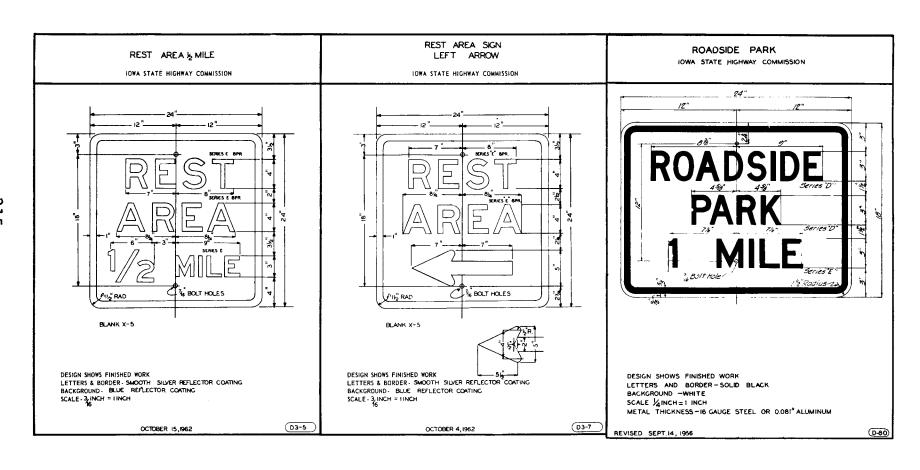
Specifications of the new "Rest Area" signs can be also be found on page 215.

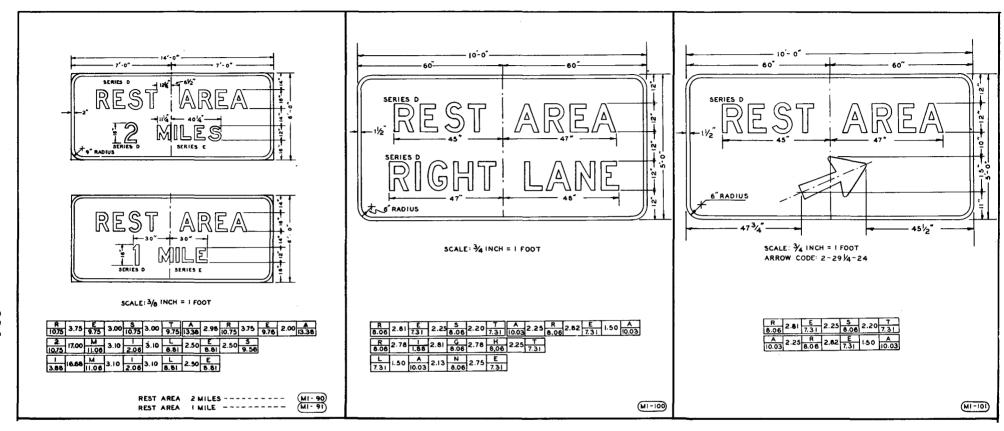
The signing of Interstate road rest areas is accomplished through the use of variable combinations using two of four different sign types.

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.





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

