


OFFICE MEMORANDUM

DATE: December 10, 1992

TO: District 6: District Engineer, Assistant District Engineers  
Area Maintenance Engineers, Public Affair Coordinator

FROM: James Reiersen   
Supervisor, Site Development Unit

PHONE: 612-296-5773

SUBJECT: 1992 Safety Rest Area Usage Survey Reports

Enclosed for your review and file are the results of the User Survey conducted at the Marion Safety Rest Area, westbound I-90, July 16 through 20, 1992.

Interstate highway motorists were surveyed during nine hour periods for five days. The primary objectives of the surveys were to: identify Safety Rest Area usage patterns on Interstate highways; verify Safety Rest Area design criteria developed for Interstate highway planning, location and design; and collect pertinent information for the redesign and rehabilitation of this and other facilities, as part of the Safety Rest Area Rehabilitation Program.

In summary, during the five day period, 5,589 people visited the rest area. The heaviest usage occurred on Saturday when a total of 521 vehicles visited the facility during the survey time period. On a daily basis, heaviest usage occurred between 10:00a and 11:00a, and 1:30p and 3:30p. Based on mainline traffic counts, 15.6% of the mainline traffic stopped at the rest area. The average number of persons per vehicle was 2.3, and 17.8 minutes was the average length of stay per vehicle. Seventy-nine percent of the vehicles entering the facility were from out-of-state. Of the commercial vehicle drivers surveyed: 30% responded they would park on the rest area exit/entrance ramp shoulders if the parking stalls were full; 23% rated the turning areas as poor; and only 9% prefer using commercial facilities over Safety Rest Areas.

Public perception of Minnesota Safety Rest Areas continues to be very good. Of the 5,589 total motorists surveyed: approximately 90% feel Safety Rest Areas are a "good use of the motorist State and Federal tax money"; 58% prefer using Safety Rest Areas over commercial facilities; and 36% and 29% rate the building and ground maintenance as excellent and good, respectfully.

The Design Services Section, Site Development Unit, will continue to conduct annual usage surveys at selected Interstate and trunk highway Safety Rest Areas, especially at sites marked for rehabilitation, to measure overall user patterns and needs, and to verify and update design criteria. If you have any questions or comments concerning this survey and the enclosed results, please contact myself, or Karl Weissenborn (612-296-0295).

Attachment

cc:	P. Hughes	R. Hill	D. Olsen
	M. Linzie	H. Nemeč	Site Development Unit
	J. Sandahl	M. Herman	KW WP FILE: Rest 92sm.mem



*Minnesota Department  
of Transportation*

*Marion Safety Rest Area  
I-90 West Bound  
1992 User Survey*

*Prepared by the Office of Technical Support  
Site Development Unit*



**1992 MARION SAFETY REST AREA  
I-90 W. B.  
USER SURVEY**

The Minnesota Department of Transportation (Mn/DOT), Office of Technical Support, Site Development Unit, conducted a Safety Rest Area User Survey at the Marion Safety Rest Area, located approximately 8 miles east of Rochester, westbound Interstate 90, July 16 through 20, 1992.

The objective of this survey was to accumulate user data to verify or modify Safety Rest Area design criteria developed for highway planning, location and design. Pertinent information collected includes percent of vehicles stopping, traffic classifications, persons per vehicle and use of facilities. Due to high use of this Safety Rest Area by commercial vehicles, a modified survey was given to semi-trailer and commercial vehicle drivers. The individual survey findings are stored as a computer data file which allows comparison of a wide range of information, and permits further opportunities for sorting data for specific user group information.

For more information regarding this survey, please feel free to call the Mn/DOT Site Development Unit, Jim Reiersen (612) 296-5773, or Karl Weissenborn (612) 296-0295.

**1992 MARION SAFETY REST AREA USER SURVEY**

**CRITICAL DATA**

Date of survey: July 16 though 20, 1992

Hours of distribution: 8:00a to 5:00p

Weather on site: partly cloudy to sunny

Vehicles entering Safety Rest Area: 2,421

Mainline vehicles passing: 13,096

Percent of mainline vehicles stopping: 15.6%

Percent of out-of-state vehicles: 79.5%

Percent in-state vehicles: 20.4%

People using the Safety Rest Area:	21.76%	1,216 Senior Adults (over 60)
	58.22%	3,254 Adults (16 to 59)
	<u>20.02%</u>	<u>1,119 Children (under 16)</u>
	100.0%	5,589 Total

Average number of people per vehicle: 2.31

Average length of stay in Safety Rest Area: 17.8 minutes

**Number of vehicles 8:00a to 5:00p**

<u>Date</u>	<u>Day</u>	<u>Vehicles Entering Rest Area</u>	<u>Mainline Vehicles Not Entering Rest Area</u>	<u>Combined Daily Traffic Totals</u>	<u>Percent Stopping</u>
July 16	Thursday	434	2,273	2,707	16.0%
July 17	Friday	467	2,775	3,242	14.4%
July 18	Saturday	523	2,657	3,180	16.5%
July 19	Sunday	509	2,962	3,471	14.6%
July 20	Monday	<u>488</u>	<u>2,429</u>	<u>2,917</u>	<u>16.7%</u>
Totals (surveys returned)		2,421	13,096	15,517	15.6 (ave.)

**1992 MARION SAFETY REST AREA USER SURVEY**

**Time of vehicles entering Safety Rest Area**

<u>Time</u>	<u>Thurs.</u>	<u>Fri.</u>	<u>Sat.</u>	<u>Sun.</u>	<u>Mon.</u>
8 - 9	28	35	38	26	45
9 - 10	50	51	56	40	60
10 - 11	63	51	76	55	55
11 - 12	50	51	62	58	64
12 - 1	47	54	66	61	59
1 - 2	55	54	72	51	56
2 - 3	52	76	51	67	51
3 - 4	44	57	51	72	52
<u>4 - 5</u>	<u>45</u>	<u>37</u>	<u>49</u>	<u>74</u>	<u>41</u>
Totals	434	466	521	504	483

Note: All totals may not be equivalent to the 2,421 "vehicles entering Safety Rest Area", as shown above, due to lack of information on the "Time In" entries.

**Type of vehicle entering Safety Rest Area**

<u>Vehicle</u>	<u>Vehicle total</u>	<u>Average length of stay</u>	<u>Number of people</u>	<u>(A)</u>	<u>(B)</u>
Cars	1,219	14.35	2,733	50.5%	12.2%
Car w/ recreation trailer	13	20.85	39	0.5%	33.3%
Car w/ other trailer	4	34.00	11	0.2%	4.5%
Pick-up or van	527	16.68	1,574	21.8%	14.1%
Pick-up - van w/ rec. trailer	121	25.05	356	5.0%	57.9%
Pick-up - van w/ other trailer	23	14.13	59	0.9%	7.1%
Commercial trucks	27 *	18.56	47	1.1%	11.7%
Semi-tractor trailer trucks	340 *	23.82	429	14.1%	20.6%
Recreational vehicles	103	31.38	246	4.3%	35.2%
Buses	4	12.00	34	0.2%	9.8%
Other	32	20.56	45	1.3%	31.4%
Not answered	8	11.88	16	0.3%	7.8%

\* Vehicles given the Commercial Truck User Survey.

(A) Percentage of total number of vehicles using Safety Rest Area.

(B) Percentage of vehicles that stopped in the Safety Rest Area, out of the total number of mainline vehicles of the same kind both entering and passing the Safety Rest Area.

## 1992 MARION SAFETY REST AREA USER SURVEY

### SURVEY QUESTIONS

Note: The responses to the following survey questions are divided and classified into two categories:

CARS: All 2,054 vehicles given the standard User Survey, i.e. all cars, all pick-up and vans, recreational vehicles, buses, and other vehicles.

TRUCKS: All 367 commercial and semi-tractor trailer trucks given the Commercial Truck User Survey.

*Question 1.: Please check your main reason for stopping. (check only one)*

	<u>Cars</u>	<u>Percent</u>	<u>Trucks</u>	<u>Percent</u>
Rest rooms	1,575	76.88	276	75.2
Rest/relax	139	6.77	20	5.45
Eat/picnic	77	3.75	1	0.27
Switch drivers	52	2.53	2	0.54
Telephone	22	1.07	16	4.36
Check load/equipment	10	0.49	15	4.09
Travel information	12	0.58	2	0.54
Water	12	0.58	0	0.00
Sleep	6	0.29	6	1.63
Convenience	0	0.00	2	0.54
Log update	0	0.00	0	0.00
Other	25	1.22	0	0.00
<u>Didn't answer</u>	<u>124</u>	<u>6.04</u>	<u>27</u>	<u>7.36</u>
Total	2,054	100.0%	367	99.98%

*Question 2.: Reason for your travel?*

	<u>Cars</u>	<u>Percent</u>	<u>Trucks</u>	<u>Percent</u>
Vacation	1,191	57.98	1	0.27
Personal	482	23.47	10	2.72
Business	248	12.07	326	88.83
<u>Didn't answer</u>	<u>133</u>	<u>6.48</u>	<u>30</u>	<u>8.17</u>
Total	2,054	100.0%	367	99.99%

1992 MARION SAFETY REST AREA USER SURVEY

*Question 3.: How long have you traveled since your last stop?*

	<u>Cars</u>	Ave. length of stay <u>minutes</u>	<u>Trucks</u>	Ave. length of stay <u>minutes</u>
Less than 1 hour	271	13.86	63	19.83
1 to 2 hours	764	15.80	76	22.67
Over 2 hours	<u>1,019</u>	17.92	<u>228</u>	24.69
	2,054		367	

*Question 4.: How far do you generally travel between stops?*

Cars average:	138 miles
Trucks average:	193 miles

*Question 5.: How many people in your party used the following?*

	<u>Cars</u>	<u>Percent</u>	<u>Trucks</u>	<u>Percent</u>
Rest room facilities	4,011	78.45	377	79.20
Drinking water	1,166	22.80	89	18.70
Advertising panels	331	6.47	17	3.57
Telephone	131	2.56	173	36.34

*Question 6.: Which of the following facilities were used by you party?*

	<u>Number of people</u>	<u>Percent</u>
Rest room only	1,585	65.47
Trash receptacles	598	24.70
State map panels	332	13.71
Picnic tables	306	12.64
Vending machines	303	12.52
Telephone	298	12.31
Pet exercise area	101	4.17
Picnic shelter	29	1.20
Advertising panels	0	0.00
Other	79	3.26
Didn't answer	289	11.94



1992 MARION SAFETY REST AREA USER SURVEY

*Question 7.: What additional facilities would you like to see in the Safety Rest Area?*

	<u>Cars</u>
More vending machines	92
No additional facilities	65
Fast food	46
Playground equipment	40
Coffee machine	30
RV dump station	28
Maps and travel information	26
Gas and service	24
Site items: tables, benches, trails	20
More/bigger rest room facilities: stalls, sinks, dryers, diaper changing	19
Overnight camping/parking	11
Recycling containers	10
More security/policing	10
More phones/drive up locations	10
Shaded parking stalls	8
Paper towels	7
Showers	6
Other	23
<u>Didn't answer</u>	<u>1,579</u>
Total	2,054
	<u>Trucks</u>
More/larger truck parking areas	46
More vending machines	22
Coffee machine	11
Paper towels	8
No additional facilities	8
Fast food	7
More phones/drive up locations	6
Separate parking for RV's	4
Weather information/radio	4
Better security/policing	3
Showers	3
Better lighting	2
<u>Didn't answer</u>	<u>243</u>
Total	367

**1992 MARION SAFETY REST AREA USER SURVEY**

*Question 8.: Do you believe Safety Rest Area construction and operation are a good use of motorist state and federal tax money?*

	<u>Cars</u>	<u>Percent</u>	<u>Trucks</u>	<u>Percent</u>
Yes	1,851	90.12	328	89.37
No	36	1.75	2	0.54
<u>Didn't answer</u>	<u>167</u>	<u>8.13</u>	<u>37</u>	<u>10.08</u>
Total	2,054	100.0%	367	99.99%

*Question 9.: If private and commercial development were permitted at Safety Rest Areas, which of the following business types would you prefer? (check only one)*

	<u>Cars</u>	<u>Percent</u>	<u>Trucks</u>	<u>Percent</u>
Gas and service	621	30.23	27	7.36
No private/commercial development	581	28.29	84	22.89
Restaurant, fast food	269	13.10	114	31.06
Vending machines	246	11.98	52	14.17
Restaurant, sit down	116	5.65	44	11.99
<u>Didn't answer</u>	<u>221</u>	<u>10.76</u>	<u>46</u>	<u>12.53</u>
Total	2,054	100.01%	367	100.00%

*Question 10.: When traveling, which facility do you prefer to use?*

	<u>Cars</u>	<u>Percent</u>	<u>Trucks</u>	<u>Percent</u>
Safety Rest Area	1,192	58.03	150	40.87
Combined Safety Rest Area/ private commercial facility	617	30.04	137	37.33
Private commercial facility	62	3.02	33	8.99
<u>Didn't answer</u>	<u>183</u>	<u>8.91</u>	<u>47</u>	<u>12.81</u>
Total	2,054	100.00%	367	100.00%

**1992 MARION SAFETY REST AREA USER SURVEY**

*Question 11.: If this facility were not available, where would you have stopped?*

	<u>Cars</u>	<u>Percent</u>
Next town	916	44.60
Commercial facility	417	20.30
Commercial truck stop	246	11.98
Interchange	108	5.26
Highway shoulder	81	3.94
Other	90	4.38
<u>Didn't answer</u>	<u>196</u>	<u>9.54</u>
Total	2,054	100.00%

*Question 12.: Do you typically look for travel information in Safety Rest Areas?*

	<u>Cars</u>	<u>Percent</u>
Yes	1,012	49.27
No	839	40.85
<u>Didn't answer</u>	<u>203</u>	<u>9.88</u>
Total	2,054	100.00%

*Question 13.: What types of travel information would you like available at Safety Rest Areas?*

	<u>Cars</u>
Maps	413
Local tourist information, cultural places of interest, local brochures	234
Milage and distance maps	84
Road construction/conditions	79
Weather conditions	66
Gas, food and lodging	60
State/local recreation, parks, camping	56
State maps	47
Local hospital	3
Phone reservations	3
Other	65

**1992 MARION SAFETY REST AREA USER SURVEY**

*Question 14.: How would you rate the building and ground maintenance at this Safety Rest Area?*

	<u>Cars</u>	<u>Percent</u>
Excellent	809	39.39
Good	608	29.60
Satisfactory	444	21.62
Poor	12	0.58
<u>Didn't answer</u>	<u>181</u>	<u>8.81</u>
Total	2,054	100.00%

*Question 15.: Where did your current trip originate?*

	<u>Trucks</u>	<u>Percent</u>
La Crosse, WI	33	8.99
Wausau, WI	26	7.08
Fox River Valley area, WI	24	6.54
Chicago, IL	24	6.54
Madison, WI	23	6.27
Greater New England	19	5.18
Greater New Jersey/New York	17	4.63
Wisconsin Rapids, WI	16	4.36
Greater Ohio	15	4.09
Milwaukee, WI	14	3.81
Greater Michigan	12	3.27
Minneapolis/St. Paul, MN	10	2.72
Greater Kentucky/Tennessee	9	2.45
Eau Claire, WI	7	1.91
Greater Pennsylvania	7	1.91
Austin, MN	6	1.63
Greater Indiana	6	1.63
All other cities/areas	43	11.72
<u>Didn't answer</u>	<u>56</u>	<u>15.26</u>
Total	367	99.99%

**1992 MARION SAFETY REST AREA USER SURVEY**

*Question 16.: During this current trip, where was your last layover?*

	<u>Trucks</u>	<u>Percent</u>
Madison, WI	54	14.71
La Crosse, WI	36	9.81
Tomah, WI	29	7.90
Chicago, IL	26	7.04
Wausau, WI	16	4.36
Janesville, WI	10	2.72
Milwaukee, WI	10	2.72
Fox River Valley area, WI	8	2.18
Eau Claire, WI	7	1.91
Rockford, IL	6	1.63
Minneapolis/St. Paul, MN	5	1.36
Lake Station, IN	4	1.09
Portage, WI	4	1.09
Richland Center, WI	4	1.09
All other cities/areas	42	11.44
<u>Didn't answer</u>	<u>106</u>	<u>28.88</u>
Total	367	99.98%

*Question 17.: Where will your current trip end?*

	<u>Trucks</u>	<u>Percent</u>
Minneapolis/St. Paul, MN	84	22.89
Mankato, MN	31	8.45
Rochester, MN	22	5.99
Greater Oregon/Washington	19	5.18
Greater California	16	4.36
Austin, MN	8	2.18
Sioux Falls, SD	8	2.18
La Crosse, WI	4	1.09
Wausau, WI	3	0.82
All other cities/areas	91	24.79
<u>Didn't answer</u>	<u>81</u>	<u>22.07</u>
Total	367	100.00%

1992 MARION SAFETY REST AREA USER SURVEY

*Question 18.: What is the total length of the vehicle you are driving, (cab and trailer)?*

	<u>Trucks</u>	<u>Percent</u>
Under 50'	25	65.67
Between 50' and 70'	255	18.80
Over 70'	22	5.99
<u>Didn't answer</u>	<u>65</u>	<u>17.71</u>
Total	367	99.99%

*Question 19.: How would you rate the following parking facilities?*

*Parking stalls:*

	<u>Trucks</u>	<u>Percent</u>
Good	241	65.67
Poor	69	18.80
<u>Didn't answer</u>	<u>57</u>	<u>15.53</u>
Total	367	100.00%

*Approaches and exit ramps:*

	<u>Trucks</u>	<u>Percent</u>
Good	302	82.29
Poor	18	4.90
<u>Didn't answer</u>	<u>47</u>	<u>12.81</u>
Total	367	100.00%

*Turning areas:*

	<u>Trucks</u>	<u>Percent</u>
Good	216	58.86
Poor	86	23.43
<u>Didn't answer</u>	<u>65</u>	<u>17.71</u>
Total	367	100.00%

1992 MARION SAFETY REST AREA USER SURVEY

*Question 20.: If truck parking stalls were full and/or not available, were would you have stopped? (check only one)*

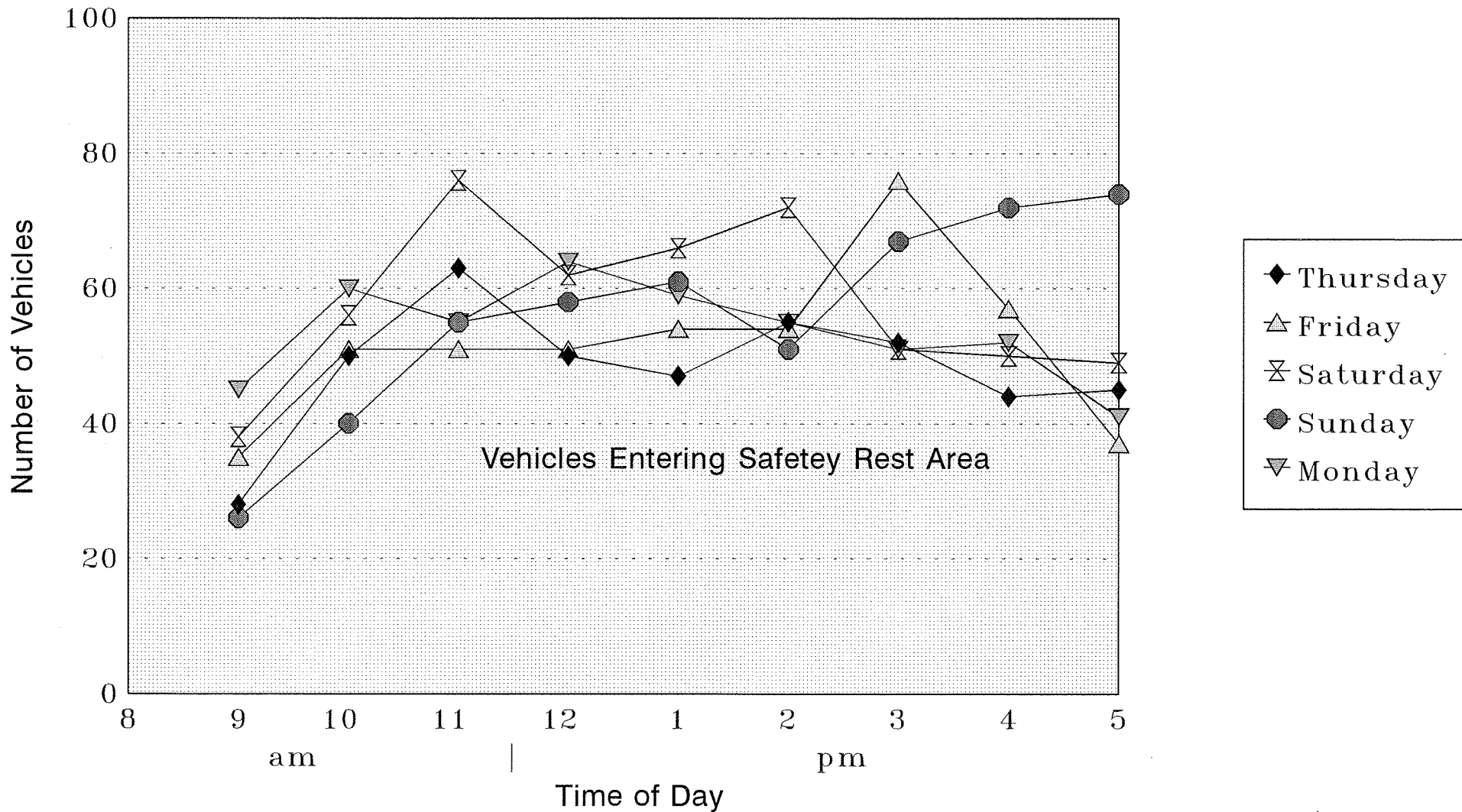
	<u>Trucks</u>	<u>Percent</u>
Rest area exit/entrance ramp shoulders	109	29.70
Continue driving	72	19.62
Commercial facility	54	14.71
Rest area car lot	39	10.63
Next town	24	6.54
Highway shoulder/ramp	18	4.90
Other	7	1.91
<u>Didn't answer</u>	<u>44</u>	<u>11.90</u>
Total	367	100.00%

*Question 21.: In your opinion, what is the value of Safety Rest Areas?*

	<u>Trucks</u>
Relax/rest/sleep	68
Safety	42
Convenience	23
Other	81

# Marion Safety Rest Area Usage Report

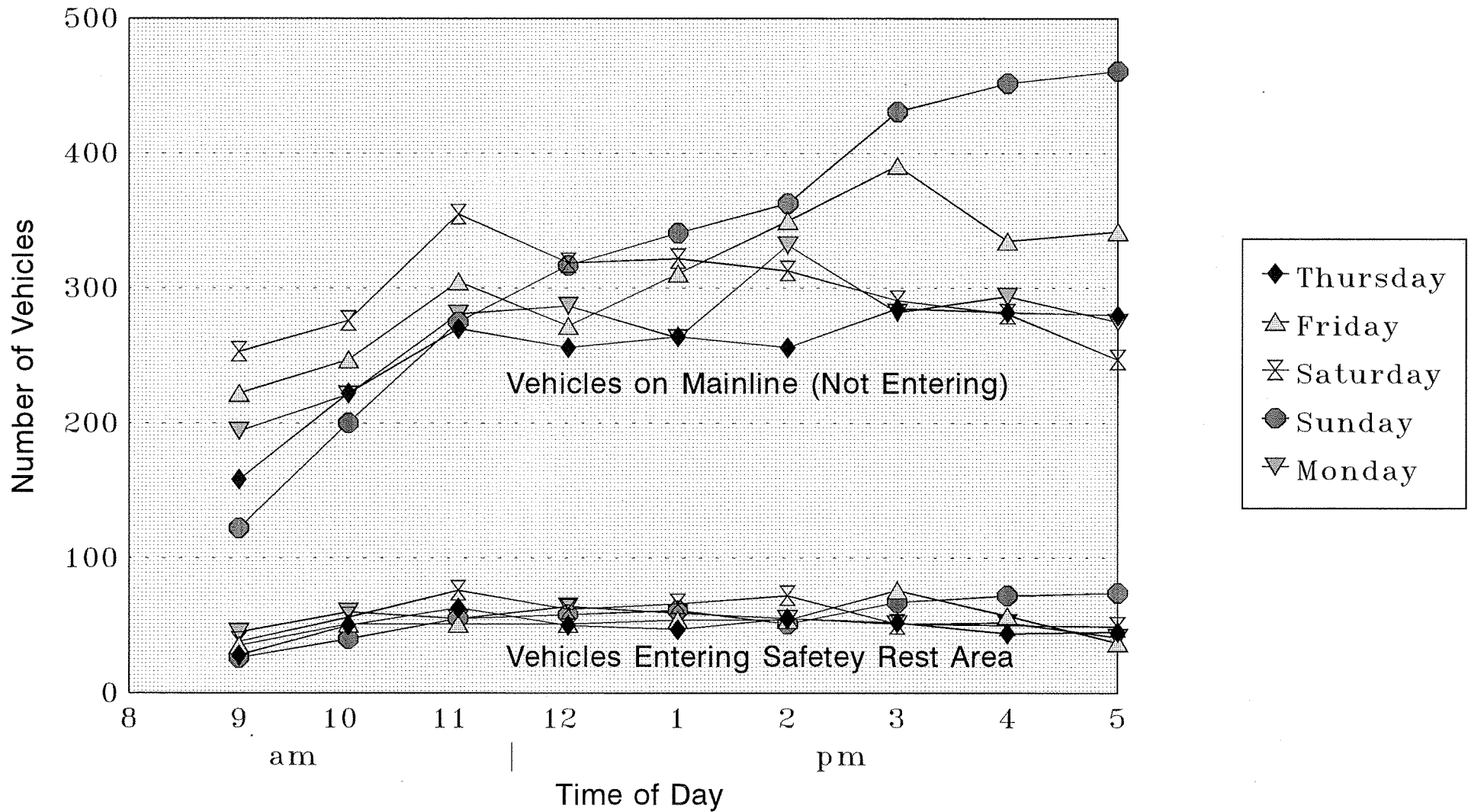
July 16 through 20, 1992





# Marion Safety Rest Area Usage Report

July 16 through 20, 1992





# MARION SAFETY REST AREA USER SURVEY

Day of week: Thurs:	Fri.	Sat.	Sun.	Mon.	Vehicle Type: 1	2	3	10	11	12	30	31	40
Date: July 16	17	18	19	20	1992	Time In: _____							
Licensing State: MN _____					Time Out: _____								
(specify other)													

**Dear Motorist:**

The Minnesota Department of Transportation is attempting to determine how Safety Rest Areas along interstate highways are utilized and what facilities should be provided to satisfy your needs. Only you can supply the information we need to plan future Safety Rest Area facilities. Please answer the following questions:

- Number of people in your vehicle? senior adults (over 60) \_\_\_\_\_ adults (16-59) \_\_\_\_\_ children (under 16) \_\_\_\_\_
- Reason for your travel? business: \_\_\_\_\_ vacation: \_\_\_\_\_ personal: \_\_\_\_\_
- How long have you traveled since your last stop? hours: \_\_\_\_\_ minutes: \_\_\_\_\_
- How far do you generally travel between stops? miles \_\_\_\_\_ time: \_\_\_\_\_
- Please check your main reason for stopping. (check one)
 

<input type="checkbox"/> rest room	<input type="checkbox"/> rest/relax	<input type="checkbox"/> telephone	<input type="checkbox"/> travel information
<input type="checkbox"/> eat/picnic	<input type="checkbox"/> water	<input type="checkbox"/> switch driver	<input type="checkbox"/> other _____
<input type="checkbox"/> sleep	<input type="checkbox"/> check load/equipment	(please specify)	
- How many people in your party used the following?
 

rest room facilities: _____	drinking water supply: _____
advertising display panels: _____	telephone: _____
- Which of the following facilities were used by your party?
 

<input type="checkbox"/> picnic table	<input type="checkbox"/> vending machines	<input type="checkbox"/> rest rooms only	<input type="checkbox"/> private ad display
<input type="checkbox"/> picnic shelter	<input type="checkbox"/> trash receptacle	<input type="checkbox"/> state map display	
<input type="checkbox"/> telephone	<input type="checkbox"/> pet exercise area	<input type="checkbox"/> other _____	
(please specify)			
- What additional facilities would you like to see in safety rest areas? \_\_\_\_\_
- Do you think safety rest area construction and operation are a good use of motorist State and Federal tax money?  yes  no
- If private and commercial development were permitted at safety rest areas, which of the following business types would you prefer? (check one)
 

<input type="checkbox"/> vending machines	<input type="checkbox"/> restaurant (fast food/take out)	<input type="checkbox"/> gas and vehicle services
<input type="checkbox"/> restaurant (sit down)	<input type="checkbox"/> no private/commercial development	
- When traveling, which facility do you prefer to use?
 

<input type="checkbox"/> interstate rest areas	<input type="checkbox"/> private commercial facilities
<input type="checkbox"/> combined public rest area/private commercial facility	
- If this facility were not available, where would you have stopped? (check one)
 

<input type="checkbox"/> interchange	<input type="checkbox"/> highway shoulder/ramp	<input type="checkbox"/> commercial truck stop
<input type="checkbox"/> commercial service facility	<input type="checkbox"/> next town	<input type="checkbox"/> other
- Do you typically look for travel information at rest areas?  yes  no
- What types of travel information would you like available at safety rest areas? \_\_\_\_\_
- How would you rate the building and grounds maintenance at this rest area?
 

<input type="checkbox"/> excellent	<input type="checkbox"/> good
<input type="checkbox"/> satisfactory	<input type="checkbox"/> poor

**COMMENTS**


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**PLEASE RETURN SURVEY TO THE PEOPLE AT REST AREA EXIT.**

**THANK YOU**



# MARION SAFETY REST AREA COMMERCIAL TRUCK USER SURVEY

Day of week: Thurs:	Fri.	Sat.	Sun.	Mon.	Vehicle Type:	13	20	
Date: July	16	17	18	19	20	1992	Time In: _____	
Licensing State: MN	_____					Time Out: _____		
(specify other)								

**Dear Motorist:**

The Minnesota Department of Transportation is attempting to determine how Safety Rest Areas along interstate highways are utilized and what facilities should be provided to satisfy your needs. Only you can supply the information we need to plan future Safety Rest Area facilities. Please answer the following questions:

1. Number of people in your vehicle? senior adults (over 60) \_\_\_\_ adults (16-59) \_\_\_\_ children (under 16) \_\_\_\_

2. Reason for your travel? business: \_\_\_\_\_ vacation: \_\_\_\_\_ personal: \_\_\_\_\_

3. How long have you traveled since your last stop? hours: \_\_\_\_\_ minutes: \_\_\_\_\_

4. How far do you generally travel between stops? miles \_\_\_\_\_ time: \_\_\_\_\_

5. What is the most common reason you stop at safety rest areas? (check one)

- |                                     |   |  |   |
|-------------------------------------|---|--|---|
| <input type="checkbox"/> rest room  | <input type="checkbox"/> rest/relax           | <input type="checkbox"/> telephone     | <input type="checkbox"/> travel information |
| <input type="checkbox"/> eat/picnic | <input type="checkbox"/> water                | <input type="checkbox"/> switch driver | <input type="checkbox"/> convenience        |
| <input type="checkbox"/> sleep      | <input type="checkbox"/> check load/equipment | <input type="checkbox"/> log update    | <input type="checkbox"/> other _____        |
- (please specify)

6. How many people in your party used the following?

rest room facilities: \_\_\_\_\_ drinking water supply: \_\_\_\_\_  
advertising display panels: \_\_\_\_\_ telephone: \_\_\_\_\_

7. Which of the following facilities were used by your party?

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> picnic table   | <input type="checkbox"/> vending machines  | <input type="checkbox"/> rest rooms only   | <input type="checkbox"/> private ad display |
| <input type="checkbox"/> picnic shelter | <input type="checkbox"/> trash receptacle  | <input type="checkbox"/> state map display |   |
| <input type="checkbox"/> telephone      | <input type="checkbox"/> pet exercise area | <input type="checkbox"/> other _____       |   |
- (please specify)

8. What additional facilities would you like to see in safety rest areas? \_\_\_\_\_

9. Do you think safety rest area construction and operation are a good use of motorist State and Federal tax money?  yes  no

10. If private and commercial development were permitted at safety rest areas, which of the following business types would you prefer? (check one)

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> vending machines      | <input type="checkbox"/> restaurant (fast food/take out)   | <input type="checkbox"/> gas and vehicle services |
| <input type="checkbox"/> restaurant (sit down) | <input type="checkbox"/> no private/commercial development |   |

11. When traveling, which facility do you prefer to use?

- |  |  |
|--|--|
| <input type="checkbox"/> interstate rest areas                                 | <input type="checkbox"/> private commercial facilities |
| <input type="checkbox"/> combined public rest area/private commercial facility |  |

12. If truck parking stalls were full and/or not available, where would you stop? (check one)

- |  |  |                                      |
|--|--|--------------------------------------|
| <input type="checkbox"/> continue driving    | <input type="checkbox"/> use rest area car lot                     | <input type="checkbox"/> other _____ |
| <input type="checkbox"/> next town           | <input type="checkbox"/> use rest area exit/entrance ramp shoulder | (please specify)                     |
| <input type="checkbox"/> commercial facility | <input type="checkbox"/> highway shoulder/ramp                     |                                      |

13. Where did your current trip originate? City \_\_\_\_\_ State \_\_\_\_\_

14. During this current trip, where was your last layover? City \_\_\_\_\_ State \_\_\_\_\_

15. Where will your current trip end? City \_\_\_\_\_ State \_\_\_\_\_

16. What is the total length of the vehicle you are driving, (cab and trailer)? \_\_\_\_\_

17. How would you rate the following parking facilities?

- Parking stalls:  good  poor  
comments: \_\_\_\_\_
- Approaches and exit ramps:  good  poor  
comments: \_\_\_\_\_
- Turning areas:  good  poor  
comments: \_\_\_\_\_

18. In your opinion, what is the value of safety rest areas? \_\_\_\_\_

**PLEASE RETURN SURVEY TO THE PEOPLE AT REST AREA EXIT. THANK YOU**

P. Coady - SUNNY, WINDY 65 to 75°

# MARION SAFETY REST AREA USAGE SURVEY - THURSDAY, JULY 16, 1992

HOUR	CARS			PICK-UPS, VANS			Commer. TRUCKS	SEMI'S tractor trailers	RV'S	BUS	OTHER (motorcycles)	TOTAL
	car only	w/ rec. trailer	w/ other trailer	p-up/van only	w/ rec. trailer	w/ other trailer						
	1	2	3	10	11	12	13	20	30	31	40	
4:23 AM 8-9	65	0	0	42	1	2	8	38	1	0	1	158 ✓
9-10	99	1	1	44	3	3	8	58	3	0	2	222 ✓
10-11	131	0	2	51	3	2	4	71	5	1	0	270 ✓
11-12	113	0	0	58	5	2	9	57	4	0	8	256 ✓
12-1	128	2	1	45	<del>4</del> 2	<del>5</del> 5	13	60	7	0	1	264 ✓
1-2	124	0	1	42	<del>4</del> 2	5	13	68	1	0	0	256 ✓
2-3	154	0	3	55	2	8	17	43	3	0	0	285 ✓
3-4	139	1	0	67	6	3	10	49	4	2	1	282 ✓
4-5	154	2	1	50	3	7	10	48	3	1	1	280 ✓
TOTAL	1107	6	9	454	27	37	92	492	31	4	14	2273 ✓

70  
 Some construction trucks back to back counted  
 several grain trucks seen to be making local trips nearby.  
 At least 100 trucks seen on road today. Some were lost area.

# MARION SAFETY REST AREA USAGE SURVEY - FRIDAY, JULY 17, 1992

HOUR	CARS			PICK-UPS, VANS			Commer. TRUCKS	SEMI'S tractor trailers	RV'S	BUS	OTHER (motorcycles)	TOTAL
	car only	w/ rec. trailer	w/ other trailer	p-up/van only	w/ rec. trailer	w/ other trailer						
	1	2	3	10	11	12	13	20	30	31	40	
8-9	101	0	0	46	2	5	6	56	4	0	2	222 ✓
9-10	126	1	1	52	4	2	6	47	5	0	3	247 ✓
10-11	151	2	1	65	4	5	6	64	6	1	0	<del>295</del> 305 ✓
11-12	145	0	1	51	7	6	3	53	6	0	0	272 ✓
12-1	154	0	0	67	3	3	5	74	4	0	1	311 ✓
1-2	197	1	1	76	7	5	8	47	3	0	5	350 ✓
2-3	212	1	0	93	1	6	9	62	4	0	3	391 ✓
3-4	185	1	0	76	4	8	2	54	4	0	1	335 ✓
4-5	181	2	1	76	7	4	5	59	6	0	1	342 ✓
TOTAL	1452	8	5	602	39	44	50	516	42	1	16	2775 ✓

PARTLY SUNNY to SUNNY, 75-80°

# MARION SAFETY REST AREA USAGE SURVEY - SATURDAY, JULY 18, 1992

HOUR	CARS			PICK-UPS, VANS			Commer. TRUCKS	SEMI'S tractor trailers	RV'S	BUS	OTHER (motorcycles)	TOTAL
	car only	w/ rec. trailer	w/ other trailer	p-up/van only	w/ rec. trailer	w/ other trailer						
	1	2	3	10	11	12	13	20	30	31	40	
8-9	127	3	0	69	3	3	1	35	6	4	2	253 ✓
9-10	157	2	1	75	5	5	3	22	5	1	0	276 ✓
10-11	202	1	0	98	6	1	4	33	4	1	5	355 ✓
11-12	182	1	2	80	10	10	2	22	6	1	3	319
12-1	149	1	2	100	10	11	5	34	5	0	5	322
1-2	180	2	0	82	8	2	3	29	5	1	1	313
2-3	157	2	2	84	5	5	1	22	10	1	2	291
3-4	145	0	1	74	13	8	2	28	8	0	2	281
4-5	143	3	0	63	4	2	1	19	9	0	3	247
TOTAL	1442	15	8	725	64	47	22	244	58	9	23	2657 ✓

# MARION SAFETY REST AREA USAGE SURVEY - SUNDAY, JULY 19, 1992

HOUR	CARS			PICK-UPS, VANS			Commer. TRUCKS	SEMI'S tractor trailers	RV'S	BUS	OTHER (motorcycles)	TOTAL
	car only	w/ rec. trailer	w/ other trailer	p-up/van only	w/ rec. trailer	w/ other trailer						
	1	2	3	10	11	12	13	20	30	31	40	
8-9	74	0	1	27	3	2	0	12	3	0	0	122
9-10	111	1	0	58	10	3	0	13	2	0	2	200
10-11	152	1	1	80	6	2	4	21	5	1	2	275
11-12	175	2	3	89	8	6	2	18	9	1	4	317
12-1	213	1	0	76	8	1	0	21	10	1	5	341
1-2	275	0	0	89	7	3	3	25	10	0	1	363
2-3	244	4	0	112	18	2	3	24	16	0	8	431
3-4	360	6	0	116	16	5	4	26	11	0	8	452
4-5	298	6	2	101	16	5	2	14	12	0	5	461
TOTAL	1757	21	7	748	92	29	18	174	78	3	35	2962 ✓

SUNNY & WINDY

CLOUDY & WINDY

Overcast & windy

Cloudy & windy

COOL

# MARION SAFETY REST AREA USAGE SURVEY - MONDAY, JULY 20, 1992

HOUR	CARS			PICK-UPS, VANS			Commer. TRUCKS	SEMI'S tractor trailers	RV'S	BUS	OTHER (motorcycles)	TOTAL
	car only	w/ rec. trailer	w/ other trailer	p-up/van only	w/ rec. trailer	w/ other trailer						
	1	2	3	10	11	12	13	20	30	31	40	
8 - 9	105	0	0	32	2	2	6	41	5	0	1	194
9 - 10	110	1	1	49	3	2	8	42	3	0	2	221
10 - 11	133	2	0	68	10	5	3	50	6	0	4	281
11 - 12	134	1	0	67	16	6	5	42	3	0	3	287
12 - 1	150	1	1	58	5	6	9	27	4	1	1	263
1 - 2	170	1	2	75	8	2	5	59	9	0	1	332
2 - 3	139	2	1	57	10	3	7	55	6	2	0	282
3 - 4	168	0	0	55	4	6	6	39	9	3	4	294
4 - 5	141	2	1	57	6	2	7	44	12	1	2	275
TOTAL	1250	10	6	518	64	34	56	399	62	7	23	2429 ✓