

LOCATION: ELM CREEK REST AREA, I-94 S.B.

SUMMARY:

DATE: August 11 - August 15, 1983

HOURS: 10:00 A.M. to 7:00 P.M.

WEATHER: Partly cloudy, hot and humid with rain on Monday noon.

Total vehicles on mainline:	55,161
Vehicles entering rest area:	2,742
Percent of vehicles stopping:	5.0%
Total people using rest area:	6,875
Average people per vehicle:	2.5
Average time in rest area:	14.2 min.
Percent of out of state vehicles:	(889) 32.4%

Purpose for Entering Rest Area

Use rest rooms	1502	55%
Just to rest	343	12%
Others (mostly switching drivers)	323	12%
Telephone	250	9%
Water	212	8%
Eat/picnic	<u>112</u>	<u>4%</u>
	2742	100%

Percent of People Using

Rest rooms	4875	71%
Drinking water	3011	44%

Percent of Vehicles Using

Trash receptacles	667	24%
Telephone	382	14%
Travel Information	273	10%
Picnic tables	259	9%
Pet exercise area	170	6%
Picnic shelter	124	5%
Others	54	2%
None of these	1169	43%

Number of Vehicles Stopping 10:00 A.M. to 7:00 P.M.

Date	Day	Vehicles Entering	Out of State	Vehicles on Mainline	% Stopping
Aug. 11	Thurs.	508	184	9,125	5.6%
Aug. 12	Fri.	538	195	10,012	5.4%
Aug. 13	Sat.	619	228	11,394	5.6%
Aug. 14	Sun.	648	162	15,059	4.3%
Aug. 15	Mon.	<u>429</u>	<u>120</u>	<u>9,571</u>	<u>4.5%</u>
		2742	889	55,161	5.0%

Time Vehicles Entering Rest Area

<u>Time</u>	<u>Thurs.</u>	<u>Fri.</u>	<u>Sat.</u>	<u>Sun.</u>	<u>Mon.</u>
10-11	67	52	85	52	63
10-12	62	73	108	66	62
12-1	62	52	83	68	58
1-2	57	71	77	78	52
2-3	66	75	65	64	47
3-4	56	59	59	82	50
4-5	44	55	92	89	30
5-6	41	53	41	85	23
6-7	34	39	9	64	26
	489	529	619	648	411
No Forms	19	9	0	0	18
	508	538	619	648	429

Average Information for Each Type of Vehicle Entering Rest Area

<u>Type</u>	<u>Total</u>	<u>Average Length of Stay</u>		<u>Average # of people</u>	
		<u>of Stay</u>	<u>of people</u>	<u>A</u>	<u>B</u>
Car	1846	13.5 min.	2.5	67.3%	5.0%
Car w/camper trailer	26	17.8 min.	3.2	1.0%	10.4%
Car w/house trailer	13	17.8 min.	3.3	0.5%	15.1%
Car w/boat trailer	43	13.0 min.	3.3	1.6%	6.4%
Car w/other trailer	28	15.5 min.	2.6	1.0%	6.8%
Pickup or van	345	14.5 min.	2.9	12.6%	4.8%
Pickup w/camper	65	18.2 min.	2.9	2.4%	27.1%
Truck w/various trailer	76	17.1 min.	3.1	2.8%	5.4%
Truck (commercial)	41	16.9 min.	1.6	1.5%	3.7%
Semi	138	14.7 min.	1.3	5.0%	4.8%
Motor Home	41	23.1 min.	3.7	1.5%	8.7%
Bus	3	8.3 min.	12.0	0.1%	1.9%
Others (mostly motorcycles)	77	17.5 min.	1.4	2.8%	11.5%

A refers to percentage of total number of vehicles using rest area.
 B refers to percentage of this vehicle that stopped in rest area
 and of total number of vehicles of same kind passing the area.

Questionnaires

- Do you have any pets travelling with you?
 Yes - 233 (8.5%) No - 2285 (83.3%)
 No comment - 224 (8.2%)
- Did you stop at any of the following I-94 EB Rest Areas?
 Moorhead Info Center 131 (4.8%)
 Iverson Lake R.A. 75 (2.7%)
 Lake Latoka R.A. 86 (3.1%)
 Spunk Lake R.A. 200 (7.3%)
 Enfield R.A. 105 (3.8%)
- Will you or did you spend vacation time in Minnesota?
 Yes - 1552 (56.6%) No - 795 (29.0%)
 No comment - 395 (14.4%)

4. Are you traveling for
Business 516 (18.8%)
Vacation 1198 (43.7%)
Personal 855 (31.2%)
5. Is the Metropolitan Area your destination?
Yes - 1533 (55.9%) No - 960 (35.0%)
6. Are you in need of travel directions or attractions in the Twin City area?
Yes - 196 (7.1%) No - 2262 (82.5%)
7. Did you notice the advance highway signing for the "INFO KIOSK"?
Yes - 1199 (43.7%) No - 1231 (44.9%)
8. Did you visit the "INFO KIOSK" business advertising in the building?
Yes - 359 (13.1%) No - 2045 (74.6%)
9. Did you or will you use the buisness advertising to plan your travel accommodations?
Yes - 292 (10.6%) No - 2069 (75.4%)
10. Did the building and ground maintenance meet your satisfication?
Yes - 2426 (88.5%) No - 35 (1.3%)
No comment - 281 (10.2%)

ELM CREEK REST AREA USAGE SURVEY

Dear Motorist:

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

Day of week _____ Vehicle type _____
Date _____ Time in _____
Licensing state _____ Time out _____

REST AREA USE

1. What was your chief purpose for stopping at this Rest Area? (Check only one)

- | | | |
|------------------------|--------------------|---|
| 1. _____ Use rest room | 3. _____ Just rest | 5. _____ Telephone |
| 2. _____ Eat/picnic | 4. _____ Water | 6. _____ Other _____
<small>(please specify)</small> |

2. Number of people in your vehicle _____

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

Rest room facilities _____ Drinking water supply _____

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

- | | | |
|-------------------------|-----------------------------|---|
| 1. _____ Picnic table | 4. _____ Travel information | 7. _____ None of these |
| 2. _____ Picnic shelter | 5. _____ Trash receptacle | 8. _____ Other _____
<small>(please specify)</small> |
| 3. _____ Telephone | 6. _____ Pet exercise area | |

5. Do you have any pets traveling with you? Yes _____ No _____ Species _____

6. Did you stop at any of the following I-94 E.B. Rest Areas?

____ Moorhead Info. Center ____ Iverson Lake ____ Lake Latoka
____ Spunk Lake ____ Enfield

7. Will you or did you spend vacation time in Minnesota? Yes _____ No _____ Where _____

8. Are you traveling for Business _____ Vacation _____ Personal _____ ?

9. Is the Metropolitan Area your destination? Yes _____ No _____

10. Are you in need of travel directions or attractions in the Twin City Area? Yes _____ No _____
Type _____

11. Did you notice the advance highway signing for the "INFO KIOSK"? Yes _____ No _____

12. Did you visit the "INFO STOP" business advertising in the building? Yes _____ No _____

13. Did you or will you use the business advertising to plan your travel accommodations?
Yes _____ No _____

14. Did the building and grounds maintenance meet your satisfaction? Yes _____ No _____

REST AREA COMMENTS _____

PLEASE RETURN TO PEOPLE AT REST AREA EXIT. THANK YOU.