

Office Memorandum *Stan*DEPARTMENT Mn/DOT-Office of Design Services
Room 716TO : Jim Reiersen
Site and Development Unit

DATE: February 24, 1978

FROM : Robert Doerr *RD*
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SUBJECT: Iverson Lake Rest Area Usage Study I-94

how many prescribes
intend - purpose - how research conducted - methodology
summary

Date: August 4-8, 1977

Hours: 9 a.m. to 5 p.m.

Weather: Partly Cloudy and cool

<i>Total</i> Vehicles on mainline E.B.	9 a.m. to 5 p.m.	9481
Vehicles entering rest area	9 a.m. to 5 p.m.	1320
Percent of vehicles stopping	9 a.m. to 5 p.m.	13.9%
Average persons per vehicle	2.7	
Average time in rest area	16.8 min.	
Out of state vehicles entering area	55.8%	

← Purpose for Entering Area

Use rest rooms	56%
Eat	15%
Get water	7%
Just to rest	6%
Other	5%
Use waste receptacles	3%
Telephone	2%
Travel information	1%
Dispose of sewage	1%

Percent of Persons Using

Rest rooms	79%
Drinking water	40%

Percent of Vehicles Using

Trash receptacles	33%
Picnic tables	16%
Travel information	6%
Telephone	4%
Electric outlet	1%

Day	Total Vehicles Entering	Out of State	Vehicles On Mainline 9 A.M.-5 P.M.	Percent Stopping
<i>dates</i> Thursday	227	132	1751	13.0%
Friday	293	177	2173	13.5%
Saturday	258	151	1837	14.0%
Sunday	277	128	2035	13.6%
Monday	<u>265</u>	<u>149</u>	<u>1685</u>	<u>15.7%</u>
	1320	737	9481	13.9%

Percent of Vehicles Stopping at Other Rest Areas *in some trip*
 Moorhead (previous rest stop) 9%
 Other Rest Areas in Minnesota 8%

Time Vehicles Entered Area

Time	Thursday	Friday	Saturday	Sunday	Monday
<i>A.M.</i> 9-10	18	24	26	20	27
10-11	27	30	40	26	39
11-12	33	44	43	46	26
12-1	35	43	36	35	31
<i>P.M.</i> 1-2	32	41	46	36	41
2-3	29	44	30	46	52
3-4	29	37	24	33	29
4-5	24	30	13	35	20
TOTAL	227	293	258	277	265

Average Information for Each Type of Vehicle That Entered Rest Area

Type Vehicle	Average Length of Stay	Average Number of People	Percent of Total Entering	The Percent of This Type Vehicle Stopping
Car	14.0 min.	2.7	66.4	13.1
Car with camper trailer	20.7 min.	4.1	2.3	18.2
Car with house trailer	25.9 min.	2.8	2.7	28.8
Car with boat trailer	15.2 min.	2.8	0.4	9.3
Car with other trailer	11.9 min.	2.7	0.8	7.6
Truck with camper	21.6 min.	2.9	10.4	33.3
Truck with trailer	28.2 min.	3.4	4.1	39.7
Truck with commercial	13.5 min.	1.6	2.4	6.3
Truck semi trailer	22.5 min.	1.3	6.8	9.9
Motor homes (bus conversion)	29.5 min.	3.4	2.7	18.8
Other (mostly motorcycles)	<u>15.3 min.</u>	<u>1.3</u>	<u>1.0</u>	<u>11.4</u>
	16.8 min.	2.7 people	100%	13.9%

percentage of
 a. Refer to total number of vehicles using rest stop
 b. Refer to percentage of ~~of~~ this type of vehicle out of total number of this type that pass rest stop.

IVERSON LAKE REST AREA USAGE SURVEY I-94

DEAR MOTORIST:

THE MINNESOTA DEPARTMENT OF TRANSPORTATION IS DETERMINING WHAT SHOULD BE THE SPACING OF THE REST AREAS ALONG THE HIGHWAY AND THE FACILITIES THEY SHOULD PROVIDE TO SATISFY YOUR NEEDS. ONLY YOU CAN SUPPLY INFORMATION WE NEED TO PLAN REST AREA FACILITIES. PLEASE ANSWER THE FOLLOWING QUESTIONS.

DAY OF WEEK _____ VEHICLE TYPE _____
DATE _____ TIME IN _____ NUMBER OF PEOPLE IN
LICENSING STATE _____ TIME OUT _____ VEHICLE _____

REST AREA USE

1. WHAT WAS YOUR CHIEF PURPOSE FOR DRIVING INTO THIS REST AREA? (check one)

1. ___ Use rest room 2. ___ Dispose of sewage 3. ___ Water
4. ___ Just to rest 5. ___ Get travel information 6. ___ Telephone
7. ___ Eat 8. ___ Use trash receptacles 9. ___ Other _____
(please specify)

2. HOW MANY PEOPLE IN YOUR PARTY USED THE FOLLOWING?

Rest room facilities _____ Drinking water supply _____

3. WHICH OF THE FOLLOWING FACILITIES WERE USED BY YOUR PARTY?

1. ___ Picnic table 2. ___ Travel information 3. ___ Electrical outlet
4. ___ Trash receptacles 5. ___ Telephone 6. Other _____

4. DID YOU STOP AT THE MOORHEAD INFORMATION CENTER I94? ___ YES ___ NO

DID YOU STOP AT ANY OTHER REST AREAS IN MINNESOTA? LOCATION _____

PLEASE RETURN TO PEOPLE AT REST AREA EXIT

THANK YOU