

Office Memorandum

DEPARTMENT Mn/DOT Office of Design Services
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Site and Development Unit

DATE: January 25, 1978

FROM :Robert Doerr R.D.
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SUBJECT: Clear Lake Rest Area Usage Study I-90

Date: August 18-22, 1977

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

Weather: Cloudy and cool

Vehicles on mainline E.B.	9 a.m. to 5 p.m.	7890
Vehicles entering rest area	9 a.m. to 5 p.m.	1322
Percent of vehicles stopping	9 a.m. to 5 p.m.	<u>16.8%</u>
Average persons per vehicle	2.9	
Average time in rest area	18.6 min.	
Out of state vehicles entering area	76.7%	

Purpose for Entering Area

Use rest rooms	60%
Eat	15%
Just to rest	8%
Get water	5%
Other	5%
Telephone	2%
Travel information	2%
Use waste receptacles	2%
Dispose of sewage	1%

Percent of Persons Using

Rest rooms	85%
Drinking water	42%

Percent of Vehicles Using

Trash receptacles	36%
Picnic tables	11.3%
Travel information	10.9%
Telephone	5%
Electric outlet	1%

Day	Total Vehicles Entering	Out of State	Vehicles On Mainline 9 A.M.-5 P.M.	Percent Stopping
Thursday	252	207	1452	17.4
Friday	312	233	1778	17.5
Saturday	289	230	1664	17.4
Sunday	272	157	1661	16.4
Monday	<u>197</u>	<u>187</u>	<u>1335</u>	<u>14.8</u>
	1322	1014	7890	16.8%

Vehicles Stopping at Other Rest Areas

Beaver Creek	23%
Other Rest Areas in Minnesota	8%

Time Vehicles Entered Area

Time	Thursday	Friday	Saturday	Sunday	Monday
9-10	28	33	33	25	27
10-11	31	37	43	39	25
11-12	48	47	34	34	32
12-1	29	39	54	35	25
1-2	30	47	42	35	19
2-3	34	37	33	39	27
3-4	28	45	27	41	25
4-5	24	27	23	24	17
TOTAL	252	312	289	272	197

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	15.7 min.	2.8	61.6	15.6
Car with camper trailer	19.4 min.	3.8	4.8	27.9
Car with house trailer	29.2 min.	3.3	2.0	20.9
Car with boat trailer	9.0 min.	2.3	0.2	42.9
Car with other trailer	21.4 min.	3.1	1.6	29.6
Truck pickup or van	19.2 min.	3.0	10.0	22.3
Truck with camper	24.5 min.	3.2	6.8	25.3
Truck with trailer	35.8 min.	2.9	4.4	29.1
Truck with commercial	21.6 min.	1.9	0.8	5.8
Truck semi trailer	19.3 min.	1.5	4.5	10.8
Motor homes(bus conversion)	30.8 min.	4.4	1.4	8.5
Bus commercial	17.5 min.	24.5	0.2	20.0
Other(mostly motorcycles)	21.0 min.	1.5	1.7	18.3
	<u>18.6 min.</u>	<u>2.9 people</u>	<u>100%</u>	<u>16.8%</u>

RBD:nh