

HIGHWAY - Environmental Services  
Highway Annex - Ext. 5771

Leo A. Korth  
Assistant Commissioner  
Design and Right of Way

Aug. 8, 1974

L. E. Foote, Director  
Office of Environmental Services

Marion Rest Area Usage Study- I-90

Attached is a report on the subject survey. Both the per cent of vehicles entering and the per cent of out-of-state vehicles are higher than "normal" or than we would expect. The fuel crisis does not seem to be having much effect (see last item, last page). During the eight hours, five days of the study, the rest area served 2,823 people--also somewhat higher than expected.

L. E. Foote, Director  
Office of Environmental Services

Attach. 1  
Report

cc:  
W. C. Merritt  
E. J. Keinen  
F. O. Marshall  
R. J. McDonald, D.E., Dist. 6  
P. G. Velz  
J. L. Spencer, Dist. 6  
D. E. Bonin  
S. A. Paulson

L. E. Foote:ld

DEPARTMENT HIGHWAYS - Office of Environmental Services, Highway Annex Ext. 5777

# Office Memorandum

TO : L. E. Foote, Director  
Office of Environmental Services

DATE: August 2, 1974

FROM : S. A. Paulson  
Senior Highway Technician

SUBJECT: Marion Rest Area Usage Study I-90

Date: June 27-30, 1974  
Hours: 9:00 a.m.-5:00 p.m.  
Weather: Clear and warm  
Vehicles on main line (WB): 5955  
Vehicles entering rest area: 977  
Percent of vehicles entering: 16.4%  
Pct of state vehicles entering: 77.6%  
Average persons/vehicle: 2.9  
Average time in rest area: 17 minutes  
Average water use: 261 gallons/hour

Purpose for entering

Use restrooms	42.4%
To rest	26.8%
Other	11.6%
To eat	10.6%
Get water	5.3%
Use telephone	2.3%
Get travel information	0.7%
Dispose of waste	0.3%

Percent of persons using

Restrooms	78.5%
Drinking water	51.1%

Percent of vehicles using

Waste Disposal	15.9%
Travel information	13.0%
Picnic tables	10.0%
Telephone	4.2%
Electrical outlet	0.1%

<u>Day</u>	<u>Vehicles entering</u>	<u>Vehicles on mainline</u>	<u>Percent stopping</u>
Thursday	177	1259	14.1%
Friday	230	1389	16.6%
Saturday	291	1743	16.7%
Sunday	<u>279</u>	<u>1564</u>	<u>17.8%</u>
TOTAL	977	5955	16.4%

Hour	Time of Entry				Total
	Thursday	Friday	Saturday	Sunday	
9:00 a.m.	15	26	42	12	95
10:00 a.m.	29	31	33	28	121
11:00 a.m.	19	45	42	36	142
Noon	25	31	47	52	155
1:00 p.m.	25	30	41	41	137
2:00 p.m.	28	26	38	28	120
3:00 p.m.	17	18	28	47	110
4:00 p.m.	<u>19</u>	<u>23</u>	<u>20</u>	<u>35</u>	<u>97</u>
TOTAL	177	230	291	279	977

Average time in rest area

To eat:	35 minutes
Just to rest:	21 minutes
Get travel information:	21 minutes
Use telephone:	13 minutes
Use rest rooms:	12 minutes
Other:	12 minutes
Get water:	10 minutes
Dispose of waste:	8 minutes

Vehicles entering

Passenger cars pulling no trailer	63.8%
Recreational vehicles (travel trailers, campers, etc.)	15.7%
Semi-trucks	10.4%
Vehicles pulling a trailer	3.9%
Single unit trucks	3.9%
Other motor vehicles	1.7%
Buses	0.6%

Questions asked

1. Did you stop at the Dresbach Information Center? Yes 8.9%
2. Were your travel plans altered by the fuel crisis? Yes 2.9%
3. Have you had any difficulty buying fuel? Yes 2.6%

*S. A. Paulson*

S. A. Paulson  
 Senior Highway Technician

SAP:nh