HIGHWAY - Environmental Services
Highway Annex - Ext. 5771

Leo A. Korth
Assistant Commissioner
Design and Right of Way

J. E. Foote, Director
Office of Environmental Services

Marion Rest Area Usage Study - I-90

Aug. 8, 1974

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

cc:
W. C. Merritt
E. J. Heinlen
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S. A. Paulson

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

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%  
Out of state vehicles entering: 77.6%  
Average persons/vehicle: 2.9  
Average time in rest area: 17 minutes  
Average water use: 261 gallons/hour  

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%  

Restrooms 78.5%  
Drinking water 51.1%  

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

<table>
<thead>
<tr>
<th>Day</th>
<th>Vehicles entering</th>
<th>Vehicles on mainline</th>
<th>Percent stopping</th>
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</thead>
<tbody>
<tr>
<td>Thursday</td>
<td>177</td>
<td>1259</td>
<td>14.1%</td>
</tr>
<tr>
<td>Friday</td>
<td>230</td>
<td>1389</td>
<td>16.6%</td>
</tr>
<tr>
<td>Saturday</td>
<td>291</td>
<td>1743</td>
<td>16.7%</td>
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<tr>
<td>Sunday</td>
<td>279</td>
<td>1564</td>
<td>17.8%</td>
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<tr>
<td>TOTAL</td>
<td>977</td>
<td>5955</td>
<td>16.4%</td>
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</tbody>
</table>
To eat:

Just to rest:

Get travel information:

Use telephone:

Use rest rooms:

Other:

Get water:

Dispose of waste:

Time of Entry

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<thead>
<tr>
<th>Hour</th>
<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
<th>Sunday</th>
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<tr>
<td>9:00 a.m.</td>
<td>15</td>
<td>26</td>
<td>42</td>
<td>12</td>
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<td>10:00 a.m.</td>
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<td>31</td>
<td>33</td>
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<td>11:00 a.m.</td>
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<td>42</td>
<td>36</td>
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<tr>
<td>Noon</td>
<td>25</td>
<td>31</td>
<td>47</td>
<td>52</td>
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<td>1:00 p.m.</td>
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<td>35</td>
<td>97</td>
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<tr>
<td>TOTAL</td>
<td>177</td>
<td>230</td>
<td>291</td>
<td>279</td>
<td>977</td>
</tr>
</tbody>
</table>

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 63.6%
- 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
Senior Highway Technician

SAP: nh