

HIGHWAY -- Environmental Services  
Room G-4 Ext. 6127

L. E. Foote, Director  
Environmental Services

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Senior Highway Technician

**Kettle River Usage Study**

Date: June 22-26, 1972  
Hours: June 22, 25, 26 9:00 A.M. -- 6:00 P.M.  
June 23, 24 9:00 A.M. -- 9:00 P.M.  
Weather: Clear and warm

Vehicles on mainline: 14,630  
Vehicles entering rest area: 1,901  
Percent of vehicles entering: 13%  
Out of state vehicles entering: 17%  
Average persons/vehicle: 3.0  
8% of vehicles entering had stopped at Goose Creek Rest Area  
Water usage: 3.2 gallons/person using restrooms

Purpose for Entering

Use restroom	49.6%
To rest	24.6%
Other	11.4%
To eat	10.3%
Get water	2.9%
Use telephone	0.7%
Get travel information	0.4%
Dispose of waste	0.1%

Percent of Persons Using

Restroom	77%
Drinking water	37%
Telephone	0.7%

Percent of Vehicles Using

Waste disposal	24%
Travel information	15%
Picnic tables	12%

	<u>Vehicles Entering</u>	<u>Vehicles on Mainline</u>	<u>% Stopping</u>
Thursday	233	1,723	13.5
Friday	504	4,480	11.3
Saturday	558	4,070	13.7
Sunday	347	2,467	14.1
Monday	<u>259</u>	<u>1,890</u>	<u>13.7</u>
	1901	14,630	13.0

	<u>Time of Entry</u>					
	<u>Thursday</u>	<u>Friday</u>	<u>Saturday</u>	<u>Sunday</u>	<u>Monday</u>	<u>Total</u>
9-10	20	29	65	37	23	174
10-11	23	25	72	26	29	175
11-12	28	40	73	53	47	241
12-1	15	29	73	52	34	203
1-2	38	37	51	32	28	186
2-3	29	43	49	37	30	188
3-4	29	46	41	33	19	168
4-5	22	46	33	30	30	161
5-6	29	51	25	47	19	171
6-7	---	49	33	---	---	82
7-8	---	47	16	---	---	63
8-9	---	62	27	---	---	89
Total	<u>233</u>	<u>504</u>	<u>558</u>	<u>347</u>	<u>259</u>	<u>1901</u>

Vehicles Entering

Passenger car pulling no trailer	70.0%
Vehicles pulling a trailer	11.3%
Single unit trucks	8.7%
Pickup campers	4.6%
Semi-trucks	2.7%
Buses	1.8%
Other	0.9%

Avg. Vehicle Stay

To eat: 28 min.  
Get water: 18 min.  
To rest: 16 min.  
Use restrooms: 10 min.  
Other: 7 min.  
Get travel information: 7 min.  
Use telephone: 6 min.  
Dispose of waste: 6 min.

Average: 14 min.

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