то : I. Ao Korth<br>Asst. Commissioner, Right-or-Tay \& Design<br>FROM<br>: I. E. Foote<br>Director, Rnvironmental Services<br>SUbJECT: Princeton Rest Area Usage Study<br>Date: Novo 10, 1969

Attached is a sumnary of our second year survey of usage at the Princeton Wayside. This was conducted last year as part of the Bureau of Public Roads research program regarding rest areas. This was to be a three year continuing study at each selected woyside. However, aftex one year's results, the Bureau of Public Roads research personnel changed their plans and dropped this wayside from their study. Ve continued it for another year for our ow infomation. The results have been fairly consistant and I see no reason for us to continue a survey at this wayside. The suxvey has been of use to $u s$ and I think they should be continued at selected waysides as the need for certain information arises.

The Princeton Wayside is a small, low quality facility on a low traflic highway. The survey shows that this type of wayside has considerable value even though the percentage of traffic stopping is very low, one percent, During the hours of survey on the five days involved this wayside provided a service to 38 l travelers.

As compared to Jast years survey, this years survey showed that the nunber of vehicles using the area increased from 75 to 119. And that the percentage of traffic using the area was somewat higher.

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| :---: |
|  |  |
|  |
| cc: |
| J. A. Hurchie |
| T. H. Thorstenson |
| District Engineer, Brainerd |
| J. I. Spencer |
| E. J. Broos |
| John Ohrn - BPR |
| Jim Yeaver - BPR |
| Jon Hall |
| D. N. Wreisner |
| CS. A. Paulson |

: L. E. Foote, Director

DATE: 10-30-69 Environmental Services

From $\quad$ S. A. Paulson
Sr. Highway Technician
SUBJECT: Princeton Rest Area Usage Study
S.P. 4810 T.H. 95
$\frac{1}{2}$ mi. E. of Princeton
Date: August 14-18, 1969.
Hours: 10 a.m. -6 p.m. Thursday - Saturday \& Monday
6 a.m. -10 p.m. Sunday
Weather: Clear \& warm
Percent of vehicles on mainline using rest area: cars $2 \%$ trucks $0.6 \%$.
$41 \%$ of the vehicles entering the rest area were out of state.
$17 \%$ of the passenger cars entering the rest area were hauling some type of trailer.
Average persons/vehicle $=3.2$.
Purpose for driving into rest area

| To eat | $38.7 \%$ |
| :--- | ---: |
| To rest | $34.0 \%$ |
| Other | $17.9 \%$ |
| Use rest room | $8.5 \%$ |
| Dispose of waste | $0.9 \%$ |

Percent of persons using
Rest room $36 \%$
Percent of vehicles using
Waste disposal
$42 \%$
Picnic tables $40 \%$
Average Stay

| Other | 44 min. |
| :--- | ---: |
| To eat | 40 min. |
| To rest | 36 min. |
| Use rest room | 13 min. |
| Dispose of waste | 7 min. |

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Vehicies Entering Fiest Area

|  | 6 | 7 | 8 | 9 | 10 | 11 | Noon | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Thur. | - | - | - | - | 2 | 2 | 3 | 7 | 0 | 0 | $\bigcirc 1$ | 1 | - | - | - | - | 16 |
| Fri. | - | - | - | - | 2 | 6 | 2 | 3 | 6 | 3 | 1 | 2 | - | - | - | - | 25 |
| Sat. | - | - | - | - | 10 | 4 | 4 | 7 | 1 | 0 | 4 | 2 | - | - | - | - | 32 |
| Sun. | 0 | 0 | 0 | 1 | 2 | 1 | 6 | 3 | 3 | 3 | 5 | 0 | 1 | 0 | 4 | 0 | 29 |
| Mon. | - | - | - | - | 3 | 5 | 4 | 3 | 0 | 1 | 1 | 0 | - | - | - | - | 17 |
| Total | 0 | 0 | 0 | 1 | 19 | 18 | 19 | 23 | 10 | 7 | 12 | 5 | 1 | 0 | 4 | 0 | 119 |

## Vehicles on Highway

| Passenger car pulling no trailer | $78.7 \%$ |
| :--- | ---: |
| Other single unit trucks | $15.5 \%$ |
| Pickup camper | $1.7 \%$ |
| Semi truck \& trailer | $1.2 \%$ |
| Passenger car pulling boat trailer | $0.8 \%$ |
| Passenger car pulling house trailer | $0.7 \%$ |
| Passenger car pulling camper trailer | $0.6 \%$ |
| Passenger car pulling other trailer | $0.6 \%$ |
| Cther motor vehicles \& buses | $0.2 \%$ |



Sr. Highway Technician
SAP: kmr


