

DEPARTMENT HIGHWAY - Env. Services - Room 620
 Extension 6127

Office Memorandum

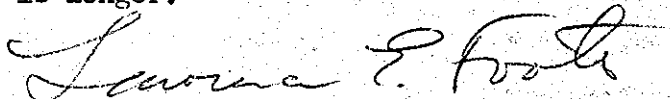
TO : L.A. Korth
 Assistant Commissioner
 Design and R/W

DATE: October 8, 1971

FROM : L.E. Foote, Director
 Environmental Services

SUBJECT: Rest Area Usage Study
Long Lake and Shingobee Bay on T.H. 371

Attached are copies of subject rest area usage studies, these facilities all have vault toilets. The percentage of mainline traffic stopping at Long Lake is lower than we might have estimated, while the length of stay is longer.



L.E. Foote, Director
 Environmental Services

Attachment:
 Usage Studies

- cc:
 L.A. Korth
 W.S. Ekern
 J.A. Murchie
 D.J. Aune
 T.G. Soderberg
 Stan Paulson ✓

Office Memorandum

DEPARTMENT HIGHWAY - Env. Services - Room 620
extension 6127

DATE: September 29, 1971

TO : L.E. Foote, Director
Environmental Services

FROM : Stan Paulson
Senior Highway Technician

SUBJECT: Long Lake Usage Study T.H. 371

Date: July 15,16,17, 18, 1971
Hours: 10 A. M. - 6 P.M.
Weather: Clear and warm - One day of rain

Vehicles on mainline	28,094
Vehicles entering	293
Out of state vehicles entering	20 %
Average persons per vehicle	3.0 #

PURPOSE FOR ENTERING

Other	41.3 %
Use Rest Room	23.9 %
To Eat	18.1 %
Just to Rest	13.3 %
Dispose of Waste	3.1 %
Get Water	0.3 %

PERCENT OF PERSONS USING

Rest Room	40 %
Drinking Water	8 %

PERCENT OF VEHICLES USING

Picnic Tables	20 %
Waste Disposal	17 %

AVERAGE LENGTH OF STAY

To Eat	52 Minutes
Other	48 Minutes
Just to Rest	42 Minutes
Get Water	35 Minutes
Use Rest Room	11 Minutes
Dispose of Waste	<u>2 Minutes</u>

AVERAGE 36 Minutes

<u>DAY</u>	<u>VEHICLES ENTERING</u>	<u>VEHICLES ON MAINLINE</u>	<u>% STOPPING</u>
Thursday	39	4332	0.9 %
Friday	50	5136	1.0 %
Saturday	99	7152	1.4 %
Sunday	45	6667	0.7 %
Monday	60	4807	1.2 %
TOTALS	293	28,094	1.0 %

TIME OF ENTRY

<u>HOUR</u>	<u>THURS.</u>	<u>FRI.</u>	<u>SAT.</u>	<u>SUNDAY</u>	<u>MON.</u>	<u>TOTAL</u>
10 - 11	5	3	6	6	5	25
11 - Noon	3	4	24	5	5	41
Noon - 1	7	8	16	6	14	51
1 - 2	8	5	14	6	10	43
2 - 3	4	5	16	9	10	44
3 - 4	4	11	13	3	7	38
4 - 5	5	6	2	6	6	25
5 - 6	3	8	8	4	3	26
TOTALS	39	50	99	45	60	293

VEHICLES ENTERING

Passenger Car pulling no trailer	66 %
Vehicles pulling a trailer	18 %
Single Unit trucks	7.5 %
Pickup Campers	6 %
Buses	1.2 %
Other Motor Vehicles	1 %
Semi-trucks	0.3 %

Stan Paulson
 Stan Paulson
 Senior Highway Technician