

Stan

## Office Memorandum

DEPARTMENT HIGHWAY - Env. Services - Room 620  
Extension 6127

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

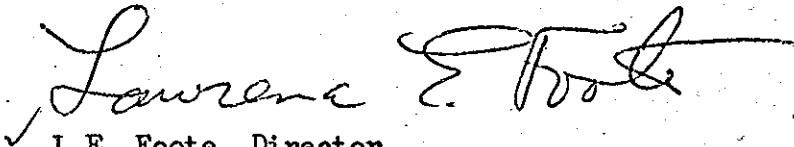
DATE: November 8, 1971

FROM : L.E. Foote, Director  
Environmental Services

SUBJECT: General Andrews Rest Area

Attached is our detailed usage study for the General Andrews Rest Area. Usage continues to increase and be heavy. I believe the contents are self explanatory,

If you have any questions please contact this office.



L.E. Foote, Director  
Environmental Services

Attachment:  
Usage Study

cc:  
J.A. Murchie  
John Pawlak  
R.E. Wolfe  
Project File

Office Memorandum

DEPARTMENT: HIGHWAY - Env. Services - Room 620  
Extension 6127

DATE: October 27, 1971

TO : L. E. Foote, Director  
 Environmental Services

FROM : Stan Paulson  
 Senior Highway Technician

SUBJECT: General Andrews Rest Area  
 Usage Study Part I

Date: June 24, 25, 1971  
 Hours: 8 A.M. - 4 P.M.  
 Weather: Rained June 24

Vehicles on mainline:	2765
Vehicles entering	360
Percent of vehicles entering	13 %
Out of State Vehicles entering	36 %
Average persons/vehicle:	2.7 %
Average water use:	1667 gal./day (24 hours)

PURPOSE FOR ENTERING

Use Rest Room	57.4 %
Just to Rest	21.3 %
Other	11.2 %
To Eat	5.7 %
Get Water	1.9 %
Use Telephone	1.1 %
Dispose of Waste	0.9 %
Get Travel Information	0.5 %

PERCENT OF PERSONS USING

Rest Room	66.2 %
Drinking Water	26.8 %
Telephone	0.4 %

PERCENT OF VEHICLES USING

Waste Disposal	13.9 %
Picnic Tables	4.4 %
Travel Information	2.2 %

L.E. Foote

October 27, 1971

AVERAGE LENGTH OF STAY

To Eat	28 minutes
To rest	21 minutes
Use Rest Room	12 minutes
Use telephone	12 minutes
Travel Information	8 minutes
Get Water	7 minutes
Other	6 minutes
Dispose of Waste	<u>2 minutes</u>

AVERAGE 12 minutes

<u>DAY</u>	<u>VEHICLES ENTERING</u>	<u>VEHICLES ON MAINLINE</u>	<u>% STOPPING</u>
Thursday	166	1225	14 %
Friday	194	1540	13 %
TOTALS	360	2765	13 %

<u>HOOR</u>	<u>TIME OF ENTRY</u>		<u>TOTAL</u>
	<u>THURSDAY</u>	<u>FRIDAY</u>	
8-9	13	9	22
9-10	17	18	35
10-11	19	22	41
11-Noon	17	26	43
Noon - 1	23	26	49
1-2	26	39	65
2-3	31	26	57
3-4	20	28	48
TOTALS	166	194	360

VEHICLES ENTERING

Passenger cars pulling no trailer	66.8 %
Vehicles pulling a trailer	12.2 %
Semi-trucks	10.1 %
Single Unit trucks	4.4 %
Pickup campers	4.2 %
Buses	1.4 %
Other Motor Vehicles	0.9 %

*Stan Paulson*  
 Stan Paulson  
 Senior Highway Technician

# Office Memorandum

DEPARTMENT: HIGHWAY - Env. Services - Room 620  
Extension 6127

TO : L.E. Foote, Director  
Environmental Services

DATE: October 27, 1971

FROM : Stan Paulson  
Senior Highway Technician

SUBJECT: General Andrews Rest Area  
Usage Study Part II

Date: June 26-28, 1971  
 Hours: 8 A.M. - 6 P.M.  
 Weather: Cloudy and Warm  
 Vehicles on mainline: 6624  
 Vehicles entering: 981  
 Percent of vehicles entering: 15%  
 Out of state vehicles entering: 25%  
 Average persons/vehicle: 3.2  
 Average water use: 4350 gal/day (24 Hours)

### PURPOSE OF ENTERING

Use Rest Room	49.8 %
Just to Rest	21.3 %
Other	13.1 %
To Eat	10.0 %
Get Water	3.9 %
Dispose of waste	1.0 %
Use Telephone	0.5 %
Get Travel Information	0.4 %

### PERCENT OF PERSONS USING

Rest Room	65.6 %
Drinking Water	38.2 %
Telephone	0.3 %

### PERCENT OF VEHICLES USING

Waste Disposal	18.3 %
Picnic Tables	7.0 %
Travel Information	3.5 %

L.E. Foote  
 Date: October 27, 1971  
 Page 2

AVERAGE LENGTH OF STAY

To Eat	27 minutes
To Rest	19 Minutes
Use telephone	13 minutes
Get water	12 minutes
Use Rest room	11 minutes
Other	10 minutes
Dispose of waste	7 minutes
Travel Information	<u>6 minutes</u>
AVERAGE	13 Minutes

<u>DAY</u>	<u>VEHICLES ENTERING</u>	<u>VEHICLES ON MAINLINE</u>	<u>% STOPPING</u>
Saturday	335	2298	15 %
Sunday	384	2800	14 %
Monday	<u>262</u>	<u>1526</u>	<u>17 %</u>
TOTALS	981	6624	15 %

TIME OF ENTRY

<u>HOUR</u>	<u>SAT.</u>	<u>SUNDAY.</u>	<u>MONDAY</u>	<u>TOTAL</u>
8-9	22	6	4	32
9-10	28	19	14	61
10-11	39	32	12	83
11-Noon	53	35	25	113
Noon - 1	47	30	31	108
1-2	32	29	29	90
2-3	29	46	41	116
3-4	43	51	37	131
4-5	24	77	40	141
5-6	<u>18</u>	<u>59</u>	<u>29</u>	<u>106</u>
TOTALS	335	384	262	981

VEHICLES ENTERING

Passenger cars pulling no trailer	76.3
Vehicles pulling a trailer	8.2
Single Unit trucks	5.7
Semi-trucks	4.3
Pickup Campers	3.1
Buses	1.7
Other Motor Vehicles	0.7

*Stan Paulson*  
 Stan Paulson  
 Senior Highway Technician