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JHRP-77-23

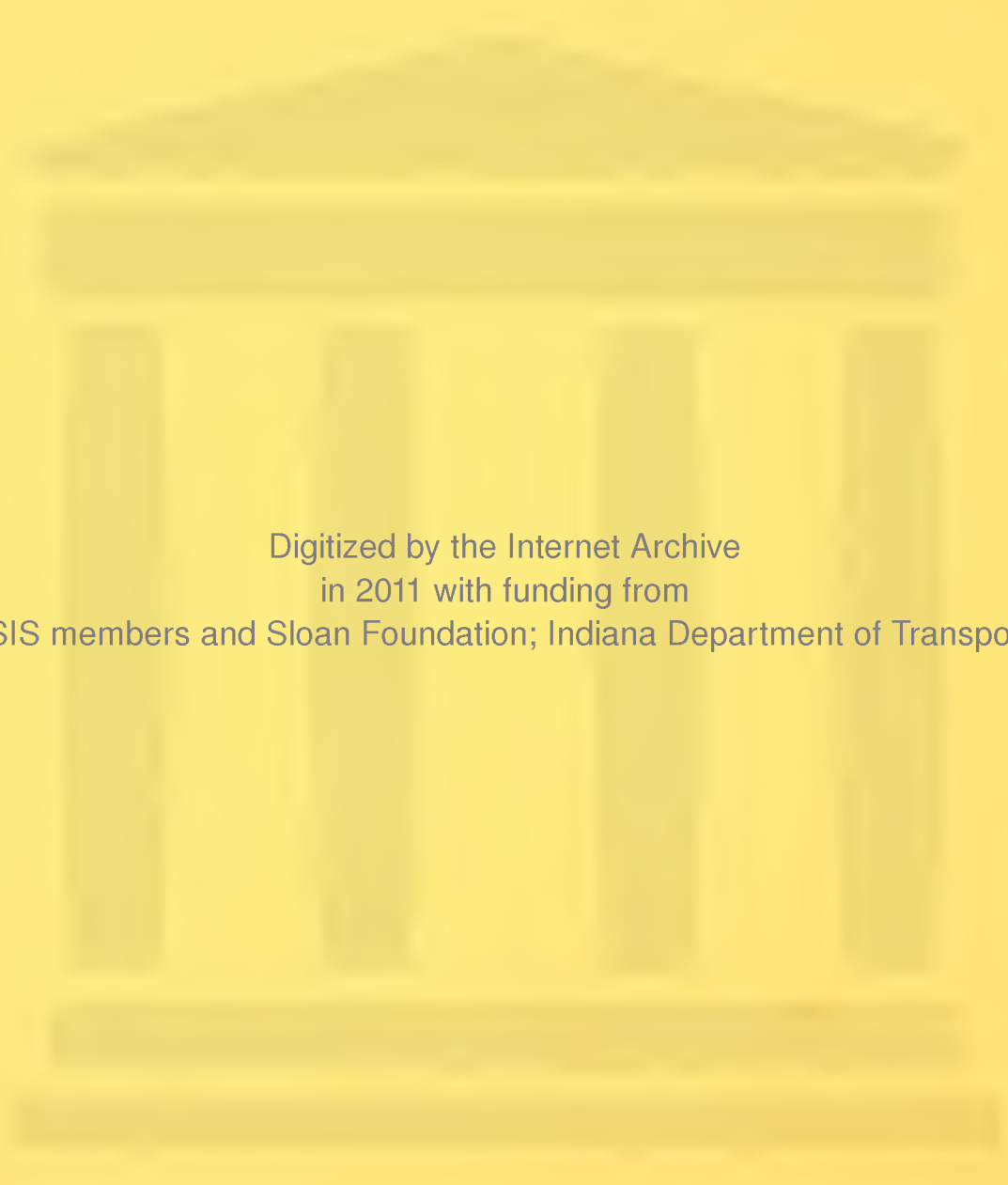
TRAFFIC SPEED REPORT NO. 103

J. R. Mekemson

G. K. Stafford



PURDUE UNIVERSITY  
INDIANA STATE HIGHWAY COMMISSION



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TRAFFIC SPEED REPORT NO. 103

TO: J. F. McLaughlin, Director  
Joint Highway Research Project

December 21, 1977

File: 8-3-3

FROM: H. L. Michael, Associate Director  
Joint Highway Research Project

Project: C-36-10C

The attached Progress Report No. 103 on Traffic Speeds is the report of the October-December 1977 quarterly study of free-flowing automobile and truck speeds on rural, tangent, level sections of Interstate, 4-lane and 2-lane and on urban interstate highways in Indiana. The report has been prepared by Mr. J. R. Mekemson, a Graduate Instructor in Research on our staff, under the direction of Professor H. L. Michael. The data collection was directed by Mr. G. K. Stafford of our staff.

The results indicate that the average speed of passenger cars and trucks has increased since the July-September 1977 study. The average speeds of passenger cars and of heavy trucks were found to be 1.5 mph and 0.8 mph greater, respectively, than for the previous period. The percentage of all vehicles travelling more than 5 mph above the speed limit increased to 36 percent while 11 percent were more than 10 mph above the 55 mph limit.

Copies of the report will be sent to the Federal Highway Administration and the ISHC for review, comment and acceptance as partial fulfillment of the objectives of this HPR Part I Study. Copies of the report are requested for release to the Indiana State Police and the Indiana Office of Traffic Safety as a normal procedure for these reports.

Respectfully submitted,



Harold L. Michael  
Associate Director

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Interim Report

TRAFFIC SPEED REPORT NO. 103

by

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Joint Highway Research Project

Project No.: C-36-10C

File No.: 8-3-3

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Conducted by

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Engineering Experiment Station  
Purdue University

in cooperation with the

Indiana State Highway Commission

and the

U.S. Department of Transportation  
Federal Highway Administration

The opinions, findings and conclusions expressed in this publication are those of the authors and not necessarily those of the Federal Highway Administration.

Purdue University  
West Lafayette, Indiana  
December 21, 1977

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16. Abstract <p>This report is another in the continuing study of speeds of vehicles on Indiana highways. Observations of spot speeds were taken on interstate, four-lane and two-lane highways throughout the state during the October-December 1977 quarter.</p> <p>Analysis of the speeds showed the overall average speed for all vehicles was 58.7 mph. The overall average speed for passenger cars and all trucks was 59.3 mph and 58.1 mph respectively. These overall speeds are an increase over the results of the July-September 1977 quarter (Speed Report No. 102) of 1.2 mph for all vehicles, 1.5 mph for all passenger cars and 0.8 mph for heavy trucks.</p>					
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## TRAFFIC SPEED REPORT NO. 103

This report is an analysis of spot speed observations made during October-December 1977. All observations were made of free-flowing vehicles on level, tangent sections of rural and urban highways during daylight and under favorable conditions.

The speed monitoring stations for each highway classification are divided into two groups. The first group is identified as "control stations" and were at the same locations on selected Federal and State highways as used in previous annual studies. These "control stations" are used in each quarterly study. The second group is selected at random for each quarterly study.

Fourteen speed monitoring stations were used for the study reported herein. Seven of these stations were the control stations noted above. The other seven stations were selected at random.

Stations were classified as two-lane, four-lane, rural interstate, or urban interstate highways. A representative sample of spot speeds was obtained at each station in each classification. The site locations were as follows: (See Figure A).

### Rural Interstate Highways

*RI-6 (I-65)	7.5 miles north of junction of SR 160
*RI-21 (I-69)	1.6 miles south of junction of SR 18
RI-22 (I-69)	7.3 miles north of SR3 interchange.
**RI-26 (I-80 & 90)	3.75 miles east of LaGrange-Elkhart Co. line @ mile post marker 112

### Four-Lane Highways

*4L-17 (U.S. 52)	Just east of Co. Rd. 475W, near Klondike
*4L-32 (U.S. 30)	2.9 miles west of Wanatah city limit sign
4L-1 (U.S. 41)	2.55 miles south of SR 64
4L-23 (U.S. 31)	3.95 miles north of Howard-Miami Co. line

### Two-Lane Highways

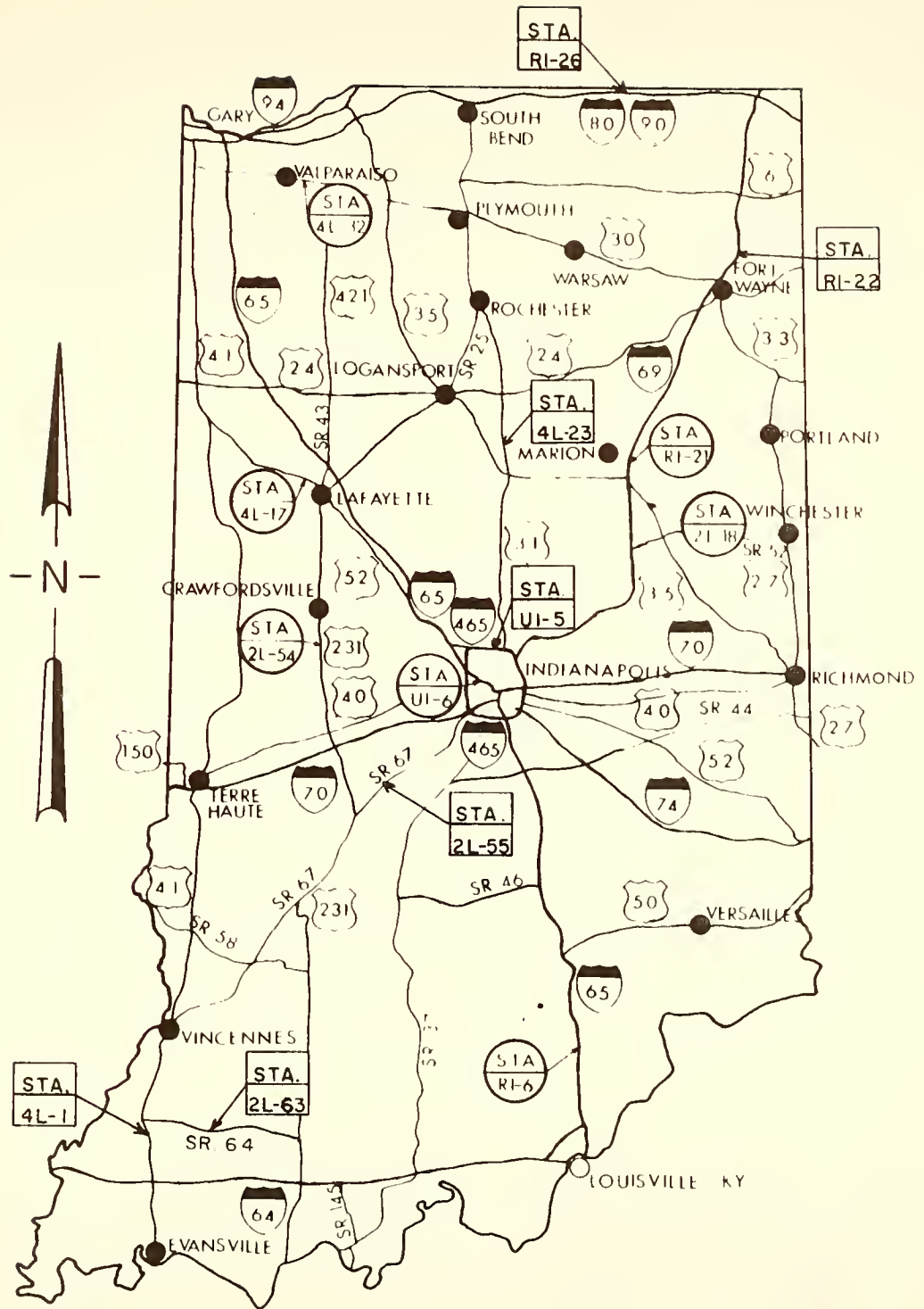
*2L-18 (U.S. 35)	2.5 miles east of junction of I-69
*2L-54 (U.S. 231)	1.1 miles south of junction of SR 234
2L-55 (SR 67)	5.0 miles south of SR 39 and 67
2L-63 (SR 64)	2.75 miles east of Gibson-Pike Co. line

### Urban Interstate Highways

*UI-6 (I-65)	East of White River Bridge
<u>UI-5 (I-465)</u>	Township Line Road Bridge

\*Control stations

\*\*Toll Road



NOTE :

- Primary control stations
- Random stations

FIGURE A , LOCATIONS OF SPEED-STUDY STATIONS

The vehicles were classified as Indiana or Non-Indiana Passenger Cars and Light (less than 5000 lbs. gross weight) or Heavy (equal to or more than 5000 lbs. gross weight) Trucks. The analysis was performed as classified and combined, passenger cars or trucks.

The maximum speed limit in Indiana is 55 miles per hour, both on Interstate and other rural highways.

### Equipment and Field Procedure

The observations for this study were obtained by use of a Radar Speed Meter. The meter was located in a van type vehicle parked as a disabled vehicle on the right shoulder. The van was equipped with one-way vision windows on the rear and side facing traffic so that approaching vehicles could not observe the speed measurement process. The observers were also equipped with CB radio equipment so as to monitor possible radio notification of the speed measurement and of police vehicles in the area. When any such incidents occurred speeds were not taken for at least a following 15 minute period. Such periods rarely occurred. There was rarely indication, in fact, that motorists were ever aware of the presence of a speed measuring station while it was in operation.

The speed was measured at a distance from the van so that the angle of measurement with the highway center line was always less than  $10^{\circ}$ . No corrections of speeds were necessary at these small angles. At the beginning of the study the accuracy of the meter was checked and any constant discrepancy of readings was corrected accordingly.

### RESULTS OF ANALYSIS

The data collected were analyzed and are summarized in Tables 1 to 14 in the Appendix. Tables 15, 16, 17 and 18 summarize the data for rural interstate, four-lane, two-lane and urban interstate highways, respectively. Table 19 is the summary for all highways. Tables 20 through 34 are summaries in an FHWA format which is desired.

The average speed for each classification of vehicles on each type of highway for this study was as follows:



	<u>Interstate</u>		<u>Other</u> <u>Four Lane</u>	<u>Two Lane</u>
	<u>Urban</u>	<u>Rural</u>	<u>Rural</u>	<u>Rural</u>
<u>Passenger Cars:</u>				
Indiana	59.8	61.2	58.4	57.7
Non-Indiana	59.0	61.8	59.6	58.4
All Passenger Cars	59.7	61.5	58.6	57.8
85 Percentile (all)	62.9	66.1	62.9	63.0
<u>Trucks:</u>				
Less than 5000 lbs.	59.1	60.1	57.5	56.7
5000 lbs. or more	56.6	61.3	57.8	54.7
<u>All Vehicles:</u>				
Average	58.8	61.3	58.2	56.8
85 Percentile	62.9	66.0	62.7	62.3

The percent of vehicles exceeding the speed limit (55 mph) for each classification of vehicle and each type of highway was as follows:

	<u>Interstate</u>		<u>Four Lane</u>	<u>Two Lane</u>
	<u>Urban</u>	<u>Rural</u>		
<u>Passenger Cars:</u>				
Indiana	85.5	90.2	72.5	65.2
Non-Indiana	77.4	92.8	80.7	65.6
All Passenger Cars	84.5	91.5	73.7	65.2
<u>Trucks:</u>				
Less than 5000 lbs.	75.2	82.1	65.0	56.1
5000 lbs. or more	65.6	88.7	72.0	47.0
All Vehicles:	77.8	89.5	71.8	59.0

The percent of vehicles traveling more than 5 mph above the speed limit (exceeding 60 mph) for each case was as follows:

	<u>Urban</u>	<u>Interstate</u> <u>Rural</u>	<u>Other</u> <u>Four Lane</u> <u>Rural</u>	<u>Two Lane</u> <u>Rural</u>
<u>Passenger Cars:</u>				
Indiana	39.3	49.4	32.3	29.8
Non-Indiana	33.9	55.9	40.7	28.1
All Passenger Cars	38.6	52.8	33.6	29.7
<u>Trucks:</u>				
Less than 5000 lbs.	35.8	45.8	28.6	27.2
5000 lbs. or more	20.7	57.3	29.1	15.7
<u>All Vehicles:</u>	33.3	53.8	31.6	25.8

The percent of vehicles traveling more than 10 miles per hour above the speed limit (exceeding 65 mph) for each case was as follows:

	<u>Urban</u>	<u>Interstate</u> <u>Rural</u>	<u>Other</u> <u>Four Lane</u> <u>Rural</u>	<u>Two Lane</u> <u>Rural</u>
<u>Passenger Cars:</u>				
Indiana	10.7	17.9	8.0	9.5
Non-Indiana	4.8	20.3	11.0	10.9
All Passenger Cars	10.0	19.2	8.5	9.6
<u>Trucks:</u>				
Less than 5000 lbs.	8.8	18.5	8.6	7.8
5000 lbs. or more	1.7	20.2	7.3	2.9
<u>All Vehicles:</u>	7.5	19.5	8.2	7.6

### Summary and Conclusions

The overall average speeds for all vehicles and for all passenger cars in this study were found to be 58.7 mph and 59.3 mph, respectively. The overall average speeds for heavy trucks and for all trucks were found to be 58.2 mph and 58.1, respectively. These overall speeds show an increase over the results of the July-September 1977 quarter of 1.2 mph for all vehicles and 1.5 mph for all passenger cars. The overall average speeds for heavy trucks and for all trucks were respectively 0.8 mph and 1.1 mph more than the results for the July-September 1977 study.

Table A presents a comparison of the overall speed results with that of the previous two studies. The 85th percentiles and the average speeds have increased considerably when compared to the previous July-September 1977 study.

A comparison of October-December 1977 speed data with that for other recent periods for several types of highways for passenger cars and trucks is shown in Tables B, C, D, and E. Speeds increased on all highway types for both passenger cars and trucks except for heavy trucks on Urban Interstate where a slight decrease was recorded, when compared to the July-September 1977 study. The largest increase occurred on Rural Interstates.

TABLE A  
COMPARISON OF THE OVERALL SPEED RESULTS

	Oct.-Dec. 1977	July-Sept. 1977	April-June 1977
<u>Average</u>			
All Passenger Cars	59.3	57.8	58.1
Heavy Trucks	58.2	57.4	58.6
All Trucks	58.1	57.0	58.0
<u>85 Percentile:</u>			
All Passenger Cars	64.0	62.6	63.0
Heavy Trucks	63.4	62.5	63.3
All Trucks	63.3	62.3	63.0
<u>15 Percentile</u>			
Heavy Trucks	52.0	51.1	52.9

TABLE B  
AVERAGE SPEEDS ON INTERSTATE HIGHWAYS (URBAN)

	Oct.-Dec. 1977	July-Sept. 1977	April-June 1977	Jan.-Mar. 1977
<u>Passenger Cars:</u>				
Indiana	59.8	58.7	58.7	57.0
Non-Indiana	59.0	59.0	59.1	57.1
All Passenger Cars	59.7	58.8	58.8	57.0
85 Percentile (all)	63.8	62.7	62.9	61.5
<u>Trucks:</u>				
Less than 5000 lbs.	59.1	57.7	57.7	55.9
5000 lbs. or more	56.6	58.2	58.9	56.2

TABLE C  
AVERAGE SPEEDS ON INTERSTATE HIGHWAYS (RURAL)

	Oct.-Dec. 1977	July-Sept. 1977	April-June 1977	Jan.-Mar. 1977
<u>Passenger Cars:</u>				
Indiana	61.2	60.1	60.4	60.1
Non-Indiana	61.8	60.1	60.5	61.0
All Passenger Cars	61.5	60.1	60.5	60.5
85 Percentile (all)	66.1	64.5	64.8	64.7
<u>Trucks:</u>				
Less than 5000 lbs.	60.1	58.4	59.3	58.0
5000 lbs. or more	61.3	59.7	60.9	59.3



TABLE D  
AVERAGE SPEEDS ON OTHER FOUR-LANE HIGHWAYS

	Oct.-Dec. 1977	July-Sept. 1977	April-June 1977	Jan.-Mar. 1977
<u>Passenger Cars:</u>				
Indiana	58.4	57.0	57.1	56.7
Non-Indiana	59.6	58.1	57.8	58.7
All Passenger Cars	58.6	57.2	57.2	57.0
85 Percentile (all)	62.9	62.0	61.9	61.7
<u>Trucks:</u>				
Less than 5000 lbs.	57.5	55.7	56.7	54.8
5000 lbs. or more	57.8	56.6	58.0	54.8

TABLE E  
AVERAGE SPEEDS ON TWO-LANE HIGHWAYS

	Oct.-Dec. 1977	July-Sept. 1977	April-June 1977	Jan.-Mar. 1977
<u>Passenger Cars:</u>				
Indiana	57.7	55.9	56.3	56.5
Non-Indiana	58.4	55.9	57.3	58.3
All Passenger Cars	57.8	55.9	56.4	56.7
85 Percentile (all)	63.0	60.9	61.4	61.8
<u>Trucks:</u>				
Less than 5000 lbs.	56.7	54.9	55.6	55.8
5000 lbs. or more	54.7	53.5	55.1	53.5

TABLE 1 SPEED DATA

STATION RI-6 HIGHWAY I-65 LOCATION 7.5 north of SR 160

NO. OF LANES 4 TYPE OF SURFACE Concrete WEATHER Cloudy

THIS OBSERVATION LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 102)

DATE 11-9-77

DATE 8-10-77

TIME 12:10 - 1:00 PM SB

TIME 12:19 - 1:00 PM SB

1:07 - 2:55 PM NB

1:15 - 1:56 PM NB

	ALL			PASSENGER CARS			INDIANA			NON-INDIANA			TRUCKS		
	ENI	LASI	PRES-	ENI	LASI	PRES-	ENI	LASI	PRES-	ENI	LASI	PRES-	ENI	LASI	PRES-
OBSERVATION	246	134	223	128	112	112	95	184	200	184	57	50	50	127	150
NUMBER OF VEHICLES	60.70	60.70	60.66	60.66	60.20	60.67	60.67	60.10	59.69	59.80	59.34	59.34	60.20	60.20	59.81
AVERAGE SPEED (MPH)	5.400	5.210	4.742	4.916	5.640	4.542	4.680	5.221	5.460	6.133	4.300	4.897	4.897	4.300	4.897
STANDARD DEVIATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PERCENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OF	1.2	1.5	4	8	9	9	0	1.1	3.5	1.8	6.0	2.0	8	7	7
VEHICLES	9.4	7.6	7.6	7.8	8.9	8.9	7.4	10.3	13.5	14.0	16.0	16.0	8.7	8.7	12.7
TRAVELING	45.1	43.5	43.5	46.1	48.2	48.2	40.0	44.6	51.0	56.1	58.0	58.0	39.4	39.4	48.7
AT OR	80.1	80.7	80.7	78.9	80.4	80.4	83.2	85.3	81.0	82.5	80.0	80.0	86.6	86.6	81.3
LESS THAN	94.3	95.5	94.6	95.3	92.9	92.9	93.7	97.3	98.0	94.7	96.0	96.0	98.4	98.4	98.7
	28.4	29.6	29.6	29.2	29.1	29.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.6	100.0	100.0	100.0	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	99.6	100.0	100.0	100.0	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
DIRECTION NB	131	112	112	67	60	60	45	84	100	25	29	29	59	59	71
NUMBER OF VEHICLES	59.40	60.52	60.52	60.43	59.50	60.64	60.64	58.60	59.89	57.40	57.72	57.72	59.10	59.10	60.77
AVERAGE SPEED	115	111	111	61	52	52	50	100	100	32	21	21	68	68	79
DIRECTION SB	62.30	60.81	62.20	60.90	62.50	60.70	61.30	61.30	59.49	61.60	61.57	61.57	61.20	61.20	58.54
NUMBER OF VEHICLES	62.30	60.81	62.20	60.90	62.50	60.70	61.30	61.30	59.49	61.60	61.57	61.57	61.20	61.20	58.54
AVERAGE SPEED															

TABLE 2 SPEED DATA

STATION RI-21 HIGHWAY I-69 LOCATION 1.9 miles south of SR lb WEATHER Pt. Cloudy  
 NO. OF LANES 4 TYPE OF SURFACE Concrete

THIS CENSERVATION LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 102)  
 DATE 11-21-77 DATE 7-27-77  
 TIME 10:29 AM SB TIME 10:49 AM SB  
 11:32 AM - 12:28 PM HB 11:56 AM - 12:46 PM HB

	ALL			PASSENGER CARS			NON-INDIANA			TRUCKS		
	ENT	LAST	PRES-	ENT	LAST	PRES-	ENT	LAST	PRES-	ENT	LAST	PRES-
NUMBER OF VEHICLES	263	178	132	85	115	174	189	48	56	126	173	113
AVERAGE SPEED (MPH)	60.20	61.25	61.03	60.60	61.50	55.70	60.26	58.60	59.80	60.10	60.45	60.45
STANDARD DEVIATION	4.760	4.904	5.420	5.170	4.245	5.350	5.377	6.090	5.649	5.020	5.269	5.269
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN												
49 MPH	4	6	0	0	0	0	5	0	0	0	8	3
54 MPH	8.0	4.9	6.8	5.9	2.6	15.5	13.2	25.0	17.9	11.9	11.7	7
59 MPH	49.8	40.9	45.5	45.9	35.7	50.6	45.0	62.5	46.4	46.0	44.4	4
64 MPH	85.9	78.9	79.5	85.9	78.3	83.9	77.8	89.6	80.4	81.8	76.7	7
69 MPH	95.4	93.9	92.4	92.9	95.7	95.4	95.2	93.8	94.6	96.0	95.5	5
74 MPH	98.5	98.4	97.0	96.5	100.0	99.4	100.0	97.9	100.0	100.0	100.0	0
79 MPH	99.6	100.0	100.0	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0
84 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0
89 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0
DIRECTION NB												
NUMBER OF VEHICLES	128	112	57	42	55	91	101	24	29	67	72	72
AVERAGE SPEED	60.30	62.79	63.44	60.10	62.13	60.80	62.10	59.20	60.83	61.30	62.61	61
DIRECTION SB												
NUMBER OF VEHICLES	135	135	75	43	60	83	88	24	27	59	61	61
AVERAGE SPEED	60.10	59.97	59.20	61.00	60.93	58.50	58.15	58.10	58.70	58.60	57.50	57.50



TABLE 3 SPEED DATA

STATION RI-22 HIGHWAY I-69 LOCATION 7.3 miles south of SR 3 Interchange  
 NO. OF LANES 4 TYPE OF SURFACE Concrete WEATHER Cloudy

THIS CENSERVATION LAST PREVIOUS OBSERVATION (SPEED REPORT NO. )  
 DATE 11-22-77  
 TIME 9:28 - 10:30 AM NB  
 10:51 - 11:57 AM SB

OBSERVATION	PASSENGER CARS			INDIANA			NON-INDIANA			ALL			TRUCKS		
	LASI	ENI	PRES	LASI	ENI	PRES	LASI	ENI	PRES	LASI	ENI	PRES	LASI	ENI	PRES
NUMBER OF VEHICLES	0	258	0	0	151	0	0	107	0	0	169	0	0	39	0
AVERAGE SPEED (MPH)	0	62.15	0	0	61.79	0	0	62.65	0	0	60.58	0	0	59.56	0
STANDARD DEVIATION	0	5.350	0	0	4.983	0	0	5.817	0	0	4.779	0	0	4.346	0
24 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
49 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
54 MPH	0	4	0	0	0	0	0	0	0	0	2	0	0	0	0
59 MPH	0	5.0	0	0	6.0	0	0	3.2	0	0	10.1	0	0	12.8	0
64 MPH	0	32.6	0	0	32.5	0	0	32.7	0	0	37.3	0	0	56.4	0
69 MPH	0	72.1	0	0	76.2	0	0	66.4	0	0	84.0	0	0	92.3	0
74 MPH	0	89.9	0	0	91.4	0	0	87.9	0	0	96.4	0	0	94.9	0
79 MPH	0	97.3	0	0	98.0	0	0	96.3	0	0	99.4	0	0	100.0	0
84 MPH	0	100.0	0	0	100.0	0	0	100.0	0	0	100.0	0	0	100.0	0
89 MPH	0	100.0	0	0	100.0	0	0	100.0	0	0	100.0	0	0	100.0	0
94 MPH	0	100.0	0	0	100.0	0	0	100.0	0	0	100.0	0	0	100.0	0
DIRECTION NB	0	130	0	0	95	0	0	35	0	0	83	0	0	19	0
NUMBER OF VEHICLES	0	61.79	0	0	61.33	0	0	63.06	0	0	60.27	0	0	60.63	0
AVERAGE SPEED	0	128	0	0	56	0	0	72	0	0	86	0	0	20	0
DIRECTION SB	0	62.52	0	0	62.59	0	0	62.66	0	0	60.88	0	0	58.55	0
NUMBER OF VEHICLES	0	62.52	0	0	62.59	0	0	62.66	0	0	60.88	0	0	58.55	0
AVERAGE SPEED	0	62.52	0	0	62.59	0	0	62.66	0	0	60.88	0	0	58.55	0

TABLE 4 -- SPEED DATA

STATION RI-26 HIGHWAY I-80 & 90 LCCATION 3.75 miles east of LaGrange-Elkhart Co. Line  
 at 112 mile post marker; TOLL ROAD  
 NO. OF LANES 4 TYPE OF SURFACE Concrete WEATHER Clear

THIS CESERVATION LAST PREVIOUS OBSERVATION (SPEED REPORT NO. )  
 DATE 11-16-77  
 TIME 12:34 - 1:48 PM EB  
 2:09 - 3:13 PM WB

OBSERVATION	PASSENGER CARS			NON-INDIANA			ALL			TRUCKS		
	LAST	ENT	PRES-	LAST	ENT	PRES-	LAST	ENT	PRES-	LAST	ENT	PRES-
NUMBER OF VEHICLES	0	18	0	0	141	0	0	272	0	0	23	0
AVERAGE SPEED (MPH)	0	61.06	0	0	62.19	0	0	62.81	0	0	63.17	0
STANDARD DEVIATION	0	4.832	0	0	4.811	0	0	4.891	0	0	5.758	0
24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	0	0	0	0	0
44 MPH	0	0	0	0	0	0	0	0	0	0	0	0
49 MPH	0	0	0	0	0	0	0	0	0	0	0	0
54 MPH	0	3.1	0	0	2.1	0	0	1.1	0	0	0	0
59 MPH	0	28.3	0	0	27.0	0	0	23.5	0	0	4.3	0
64 MPH	0	74.8	0	0	75.2	0	0	66.2	0	0	21.7	0
65 MPH	0	92.5	0	0	91.5	0	0	89.7	0	0	60.9	0
74 MPH	0	98.1	0	0	97.9	0	0	99.3	0	0	82.6	0
79 MPH	0	100.0	0	0	100.0	0	0	100.0	0	0	100.0	0
84 MPH	0	100.0	0	0	100.0	0	0	100.0	0	0	100.0	0
85 MPH	0	100.0	0	0	100.0	0	0	100.0	0	0	100.0	0
DIRECTION EB												
NUMBER OF VEHICLES	0	64	0	0	57	0	0	152	0	0	15	0
AVERAGE SPEED	0	61.80	0	0	61.98	0	0	63.33	0	0	63.67	0
DIRECTION WB												
NUMBER OF VEHICLES	0	55	0	0	84	0	0	120	0	0	8	0
AVERAGE SPEED	0	62.24	0	0	62.33	0	0	62.15	0	0	62.25	0



TABLE 5 SPEED DATA

STATION 4L-17 HIGHWAY U.S. 52 LOCATION 150 feet east of county road 475W

NO. OF LANES 4 TYPE OF SURFACE Asphalt WEATHER Cloudy

THIS OBSERVATION DATE 11-8-77 LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 102)  
 DATE 5-9-77  
 TIME 9:29 AM MB TIME 9:36 AM MB  
 TIME 12:29 PM EB TIME 11:20 AM - 1:04 PM EB

OBSERVATION	PASSENGER CARS			NON-INDIANA			ALL			TRUCKS		
	LASI	ENI	PRES	LASI	ENI	PRES	LASI	ENI	PRES	LASI	ENI	PRES
NUMBER OF VEHICLES	278	281	246	32	17	151	89	93	62	>5000	57	57
AVERAGE SPEED (MPH)	56.80	57.76	56.60	58.00	60.06	56.10	56.30	55.94	55.80	55.80	55.86	55.86
STANDARD DEVIATION	5.900	5.506	6.000	5.000	4.736	7.250	7.040	6.544	7.580	7.580	5.531	5.531
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN												
24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	4	0	4	0	0	0	0	0	0	0	0	0
34 MPH	4	0	4	0	0	0	0	0	0	0	0	0
39 MPH	7	0	8	0	0	0	0	2	0	0	0	0
44 MPH	40	4	45	0	0	0	4	3	0	0	0	0
49 MPH	83	75	85	63	0	139	101	161	194	0	0	0
54 MPH	288	253	309	125	59	351	405	398	274	100	100	100
59 MPH	719	619	724	688	471	742	787	699	677	351	351	351
64 MPH	910	897	919	844	706	927	944	903	903	807	807	807
69 MPH	982	979	980	1000	1000	987	978	989	903	989	989	989
74 MPH	996	993	996	1000	1000	993	989	1000	1000	1000	1000	1000
79 MPH	1000	1000	1000	1000	1000	993	989	1000	1000	1000	1000	1000
84 MPH	1000	1000	1000	1000	1000	993	989	1000	1000	1000	1000	1000
89 MPH	1000	1000	1000	1000	1000	993	989	1000	1000	1000	1000	1000
DIRECTION	EB	EB	EB	EB	EB	EB	EB	EB	EB	EB	EB	EB
NUMBER OF VEHICLES	146	144	131	15	9	69	43	50	26	26	24	24
AVERAGE SPEED	56.20	58.15	55.90	58.01	60.33	54.50	54.60	55.80	54.30	54.30	55.88	55.88
DIRECTION	WB	WB	WB	WB	WB	WB	WB	WB	WB	WB	WB	WB
NUMBER OF VEHICLES	132	137	115	17	8	82	46	43	36	36	35	35
AVERAGE SPEED	57.40	57.35	57.30	57.80	59.75	57.50	57.90	56.09	57.00	57.00	55.85	55.85

TABLE 6 SPEED DATA

STATION 4L-32 HIGHWAY US 30 LOCATION 2.9 miles west of Manatah city limit sign

NO. OF LANES 4 TYPE OF SURFACE Asphalt WEATHER Cloudy

THIS CESERVATION LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 102)  
 DATE 11-18-77 DATE 7-20-77  
 TIME 9:28 TIME 10:16 AM WB  
10:34 11:28 AM EB  
10:31 PM 12:04 AM WB

	PASSENGER CARS			NON-INDIANA			ALL			TRUCKS		
	LAST	ENT	PRES-	LAST	ENT	PRES-	LAST	ENT	PRES-	LAST	ENT	PRES-
OBSERVATION	180	213	0	49	36	0	248	226	0	47	53	0
NUMBER OF VEHICLES	57.50	59.09	0	57.50	59.50	0	58.50	59.18	0	57.30	58.36	0
AVERAGE SPEED (MPH)	4.790	5.263	0	5.540	4.966	0	4.530	5.241	0	4.130	5.488	0
STANDARD DEVIATION	0	0	0	0	0	0	0	0	0	0	0	0
PERCENT	0	0	0	0	0	0	0	0	0	0	0	0
OF	6	5	0	0	0	0	4	9	0	0	0	0
VEHICLES	2.8	3.8	0	8.2	2.8	0	2.8	4.0	0	4.3	3.8	0
TRAVELING	27.8	15.5	0	28.6	13.9	0	16.9	16.4	0	23.4	24.2	0
AT OR	69.4	58.2	0	63.3	55.6	0	55.2	51.8	0	68.1	56.6	0
LESS THAN	92.2	85.9	0	91.8	80.6	0	91.9	87.6	0	97.9	84.9	0
	97.8	95.8	0	95.9	94.4	0	100.0	98.2	0	100.0	100.0	0
	100.0	99.5	0	100.0	100.0	0	100.0	99.6	0	100.0	100.0	0
	100.0	100.0	0	100.0	100.0	0	100.0	100.0	0	100.0	100.0	0
	100.0	100.0	0	100.0	100.0	0	100.0	100.0	0	100.0	100.0	0
	100.0	100.0	0	100.0	100.0	0	100.0	100.0	0	100.0	100.0	0
DIRECTION	94	108	0	26	19	0	121	114	0	24	29	0
NUMBER OF VEHICLES	57.60	61.00	0	57.50	61.68	0	59.30	60.82	0	56.80	58.66	0
AVERAGE SPEED	86	105	0	23	17	0	127	112	0	23	24	0
DIRECTION	57.30	57.12	0	57.14	57.06	0	57.80	57.51	0	57.80	58.00	0
NUMBER OF VEHICLES	57.30	57.12	0	57.14	57.06	0	57.80	57.51	0	57.80	58.00	0
AVERAGE SPEED	97	85	0	97	85	0	97	85	0	97	85	0

TABLE 7 SPEED DATA

STATION 4L-1 HIGHWAY US 41 LOCATION 2.55 miles south of SR 64

NO. OF LANES 4 TYPE OF SURFACE \_\_\_\_\_ WEATHER Cloudy, Cold

THIS CESERVATION LAST PREVIOUS OBSERVATION (SPEED REPORT NO. \_\_\_\_\_)

DATE 11-10-77  
 TIME 1:24 - 2:10 PM SB  
2:29 - 3:23 PM NB

OBSERVATION	PASSENGER CARS		NON-INDIANA		ALL		TRUCKS	
	ENI	LASI	ENI	LASI	ENI	LASI	ENI	LASI
NUMBER OF VEHICLES	233	175	58	0	195	0	70	0
AVERAGE SPEED (MPH)	58.26	57.98	59.10	0	57.50	0	57.89	0
STANDARD DEVIATION	5.382	5.309	5.556	0	5.856	0	6.641	0
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN								
24 MPH	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	1.5	0	2.9	0
44 MPH	4	6	0	0	2.6	0	2.9	0
49 MPH	5.6	6.3	3.4	0	6.2	0	4.3	0
54 MPH	19.7	20.0	19.0	0	25.1	0	24.3	0
59 MPH	52.7	61.7	53.4	0	68.2	0	67.1	0
64 MPH	88.8	90.3	84.5	0	90.3	0	87.1	0
69 MPH	97.4	97.1	98.3	0	97.4	0	95.7	0
74 MPH	99.6	100.0	98.3	0	99.5	0	98.6	0
79 MPH	99.6	100.0	98.3	0	99.5	0	98.6	0
84 MPH	100.0	100.0	100.0	0	100.0	0	100.0	0
89 MPH	100.0	100.0	100.0	0	100.0	0	100.0	0
DIRECTION								
NUMBER OF VEHICLES	0	83	29	0	103	0	41	0
AVERAGE SPEED	0	57.68	57.62	0	56.38	0	57.15	0
DIRECTION								
NUMBER OF VEHICLES	0	92	29	0	92	0	29	0
AVERAGE SPEED	0	58.80	60.59	0	58.75	0	58.93	0



TABLE 3 SPEED DATA

STATION 4L-22 HIGHWAY US 31 LOCATION 3.95 miles north of Howard-Miami County Line  
 NO. OF LANES 4 TYPE OF SURFACE Concrete WEATHER Cloudy

THIS CESERVATION LAST PREVIOUS OBSERVATION (SPEED REPORT NO. )  
 DATE 11-17-77 DATE \_\_\_\_\_  
 TIME 10:30 - 11:20 AM NB TIME \_\_\_\_\_  
11:40 AM - 12:19 PM SB

OBSERVATION	PASSENGER CARS		INDIANA		NON-INDIANA		ALL		TRUCKS	
	LASI	ENI	LASI	ENI	LASI	ENI	LASI	ENI	LASI	ENI
NUMBER OF VEHICLES	0	265	0	231	0	34	0	173	0	64
AVERAGE SPEED (MPH)	0	59.22	0	59.03	0	60.47	0	57.58	0	58.67
STANDARD DEVIATION	0	4.933	0	4.936	0	4.794	0	5.278	0	5.509
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN										
44 MPH	0	0	0	0	0	0	0	0	0	0
49 MPH	0	0	0	0	0	0	0	0	0	0
54 MPH	0	0	0	0	0	0	0	0	0	0
59 MPH	0	1.5	0	1.7	0	0	0	1.7	0	1.6
64 MPH	0	16.2	0	18.2	0	2.9	0	26.0	0	3.1
69 MPH	0	53.6	0	55.0	0	44.1	0	67.6	0	23.4
74 MPH	0	89.1	0	90.0	0	82.4	0	91.9	0	59.4
79 MPH	0	97.0	0	97.0	0	97.1	0	98.8	0	90.6
84 MPH	0	99.2	0	99.6	0	97.1	0	99.4	0	98.4
89 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
DIRECTION NB										
NUMBER OF VEHICLES	0	125	0	113	0	12	0	97	0	35
AVERAGE SPEED	0	59.54	0	59.36	0	61.17	0	58.03	0	58.63
DIRECTION SB										
NUMBER OF VEHICLES	0	140	0	118	0	22	0	76	0	29
AVERAGE SPEED	0	58.93	0	58.71	0	60.09	0	57.01	0	58.72

TABLE 9 SPEED DATA

STATION 2L-1E HIGHWAY US 35 LCCATICN 2.5 miles east of I-69

NO. OF LANES 2 TYPE OF SURFACE Asphalt

WEATHER Pt. Cloudy

THIS CESERVATION LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 102)

DATE 11-21-77  
 TIME 1:37 - 3:28 PM

DATE 7-27-77  
 TIME 1:56 - 3:45 PM

	PASSENGER CARS			NON-INDIANA			ALL			TRUCKS			
	INDIANA	ENI	LASI	INDIANA	ENI	LASI	INDIANA	ENI	LASI	<5000 LBS	ENI	LASI	>5000 LBS
	PRES-	PRES-	PRES-	PRES-	PRES-	PRES-	PRES-	PRES-	PRES-	PRES-	PRES-	PRES-	PRES-
OBSERVATION	LASI	ENI	LASI	ENI	LASI	ENI	LASI	ENI	LASI	ENI	LASI	ENI	LASI
NUMBER OF VEHICLES	283	276	257	252	26	24	146	168	79	74	67	54	67
AVERAGE SPEED (MPH)	57.60	58.38	57.50	58.37	58.10	58.50	55.70	55.78	56.10	57.49	54.30	54.44	54.44
STANDARD DEVIATION	6.080	5.426	6.110	5.460	5.810	5.158	6.360	5.692	6.410	5.991	6.200	5.085	6.200
24 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0
44 MPH	2.1	0	2.3	0	0	0	6.2	1.2	5.1	1.4	1.5	1.1	1.1
49 MPH	7.1	4.3	7.4	4.8	3.8	0	15.8	11.9	12.7	5.4	19.4	17.0	17.0
54 MPH	27.9	22.1	27.6	22.2	30.8	0	43.2	42.3	38.0	31.1	49.3	51.1	51.1
59 MPH	67.1	62.7	67.7	62.7	61.5	0	73.3	75.0	70.9	66.2	76.1	81.9	81.9
64 MPH	88.0	87.3	88.3	87.3	84.6	0	93.2	97.0	89.9	94.6	97.0	98.9	98.9
69 MPH	96.5	96.0	96.1	96.0	100.0	0	99.3	99.4	98.7	98.6	100.0	100.0	100.0
74 MPH	99.3	99.3	99.2	99.2	100.0	0	100.0	99.4	100.0	98.6	100.0	100.0	100.0
79 MPH	100.0	100.0	100.0	100.0	100.0	0	100.0	99.4	100.0	98.6	100.0	100.0	100.0
84 MPH	100.0	100.0	100.0	100.0	100.0	0	100.0	99.4	100.0	98.6	100.0	100.0	100.0
89 MPH	100.0	100.0	100.0	100.0	100.0	0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
DIRECTION EB	129	132	120	117	9	15	84	83	44	38	40	45	45
NUMBER OF VEHICLES	58.40	59.67	58.30	59.79	58.90	58.67	56.20	56.71	57.70	58.61	54.70	55.11	55.11
AVERAGE SPEED	154	144	137	135	17	9	62	85	35	36	27	49	49
DIRECTION WB	56.90	57.21	56.80	57.14	57.70	58.22	54.00	54.87	54.20	56.31	53.70	53.82	53.82
NUMBER OF VEHICLES													
AVERAGE SPEED													



TABLE 10 SPEED DATA

STATION 2L-54 HIGHWAY US 231 LOCATION 1.1 miles south of SR 234

NO. OF LANES 2 TYPE OF SURFACE Asphalt WEATHER Cloudy

THIS OBSERVATION LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 102)

DATE 11-15-77 DATE 7-29-77  
 TIME 10:43 AM TIME 10:14 AM T2:42 PM

OBSERVATION	PASSENGER CARS			NON-INDIANA			TRUCKS		
	LAST	ENT	PRES-	LAST	ENT	PRES-	LAST	ENT	PRES-
NUMBER OF VEHICLES	241	211	195	25	16	196	86	216	110
AVERAGE SPEED (MPH)	55.70	57.59	57.56	56.30	57.87	55.80	56.20	57.77	55.50
STANDARD DEVIATION	5.820	6.073	6.111	6.040	5.772	6.480	7.200	7.799	5.880
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN									
24 MPH	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0
39 MPH	8	9	9	0	0	0	0	0	0
44 MPH	5.0	5.1	5.2	4.0	4.6	4.6	3.2	4.2	4.2
49 MPH	10.8	11.6	12.2	4.0	14.8	14.8	16.3	13.5	13.6
54 MPH	38.6	38.0	29.7	4.0	31.3	41.3	40.7	26.9	41.8
59 MPH	78.8	79.2	67.2	76.0	68.8	74.5	70.9	61.1	77.3
64 MPH	94.6	95.4	90.8	88.0	81.3	92.3	87.2	88.0	96.4
69 MPH	98.8	98.6	94.9	100.0	93.8	98.0	96.5	97.8	96.4
74 MPH	100.0	100.0	99.0	100.0	100.0	98.5	97.7	96.9	99.1
79 MPH	100.0	100.0	99.5	100.0	100.0	100.0	100.0	99.5	100.0
84 MPH	100.0	100.0	99.5	100.0	100.0	100.0	100.0	99.5	100.0
89 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.5	100.0
DIRECTION NB									
NUMBER OF VEHICLES	110	106	101	8	5	102	43	106	59
AVERAGE SPEED	56.00	59.30	59.16	57.40	62.20	55.70	57.00	58.89	54.80
DIRECTION SB									
NUMBER OF VEHICLES	131	105	114	17	11	94	43	110	51
AVERAGE SPEED	55.40	55.86	55.30	55.80	55.91	55.80	55.30	56.69	56.30

TABLE 11 SPEED DATA

STATION 2L-55 HIGHWAY SR 67 LOCATION 5 miles south of SR 39 & 67 WEATHER Clear

NO. OF LANES 2 TYPE CF SURFACE Asphalt

THIS CERSEVATION LAST PREVIOUS OBSERVATION (SPEED REPORT NO. )  
 DATE 11-11-77  
 TIME 9:33-11:31 AM

OBSERVATION		PASSENGER CARS		NON-INDIANA		TRUCKS	
	ALL PRES-	INDIANA PRES-	NON-INDIANA PRES-	ALL PRES-	<5000 LBS PRES-	>5000 LBS PRES-	
	LAST ENI	LAST ENI	LAST ENI	LAST ENI	LAST ENI	LAST ENI	
NUMBER OF VEHICLES	0 238	0 238	0 16	0 164	0 103	0 61	
AVE. SPEED (MPH)	0 59.66	0 59.66	0 60.19	0 56.49	0 57.17	0 55.74	
STANDARD DEVIATION	0 5.617	0 5.591	0 6.167	0 5.615	0 5.835	0 5.063	
	0 24 MPH	0 24 MPH	0 24 MPH	0 24 MPH	0 24 MPH	0 24 MPH	
	0 29 MPH	0 29 MPH	0 29 MPH	0 29 MPH	0 29 MPH	0 29 MPH	
	0 34 MPH	0 34 MPH	0 34 MPH	0 34 MPH	0 34 MPH	0 34 MPH	
	0 39 MPH	0 39 MPH	0 39 MPH	0 39 MPH	0 39 MPH	0 39 MPH	
	0 44 MPH	0 44 MPH	0 44 MPH	0 44 MPH	0 44 MPH	0 44 MPH	
	0 49 MPH	0 49 MPH	0 49 MPH	0 49 MPH	0 49 MPH	0 49 MPH	
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN	0 3.1	0 3.1	0 12.5	0 11.0	0 2.9	0 1.6	
	0 12.2	0 12.2	0 56.3	0 31.1	0 8.7	0 14.8	
	0 55.9	0 55.9	0 75.0	0 71.3	0 26.2	0 39.3	
	0 82.7	0 82.7	0 81.3	0 95.1	0 68.9	0 75.4	
	0 93.7	0 93.7	0 99.2	0 98.2	0 93.2	0 98.4	
	0 99.2	0 99.2	0 100.0	0 99.4	0 99.0	0 100.0	
	0 100.0	0 100.0	0 100.0	0 99.4	0 99.0	0 100.0	
	0 100.0	0 100.0	0 100.0	0 100.0	0 100.0	0 100.0	
	0 100.0	0 100.0	0 100.0	0 100.0	0 100.0	0 100.0	
DIRECTION - NB	0 131	0 120	0 11	0 76	0 47	0 29	
NUMBER OF VEHICLES							
AVERAGE SPEED	0 59.69	0 59.52	0 61.45	0 56.86	0 57.85	0 55.24	
DIRECTION - SB	0 123	0 118	0 5	0 88	0 56	0 32	
NUMBER OF VEHICLES							
AVERAGE SPEED	0 59.63	0 59.73	0 57.40	0 56.18	0 56.61	0 55.44	

TABLE 12 SPEED DATA

STATION 2L-63 HIGHWAY SR 64 LOCATION 2.75 miles east of Gibson-Pike County Line  
 NO. OF LANES 2 TYPE OF SURFACE Asphalt WEATHER Cloudy, Cold

THIS CERSEVATION LAST PREVIOUS OBSERVATION (SPEED REPORT NO.     )  
 DATE 11-10-77 DATE  
 TIME 9:13 AM TIME 12:08 PM

OBSERVATION	PASSENGER CARS			INDIANA			NCN-INDIANA			ALL			TRUCKS		
	LAST	ENT	PRES-	LAST	ENT	PRES-	LAST	ENT	PRES-	LAST	ENT	PRES-	LAST	ENT	PRES-
NUMBER OF VEHICLES	0	228	0	0	8	0	0	233	0	0	0	0	0	87	0
AVERAGE SPEED (MPH)	0	55.08	0	0	55.88	0	0	53.05	0	0	0	0	0	54.16	0
STANDARD DEVIATION	0	6.430	0	0	6.443	0	0	6.311	0	0	0	0	0	6.910	0
24 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 MPH	0	3.9	0	0	0	0	0	2.6	0	0	0	0	0	3.4	0
49 MPH	0	18.9	0	0	0	0	0	10.3	0	0	0	0	0	8.0	0
54 MPH	0	50.9	0	0	0	0	0	27.0	0	0	0	0	0	23.0	0
59 MPH	0	75.9	0	0	0	0	0	57.9	0	0	0	0	0	52.9	0
64 MPH	0	93.4	0	0	0	0	0	85.4	0	0	0	0	0	78.2	0
69 MPH	0	97.8	0	0	0	0	0	96.1	0	0	0	0	0	92.0	0
74 MPH	0	99.6	0	0	0	0	0	99.6	0	0	0	0	0	98.9	0
79 MPH	0	100.0	0	0	0	0	0	100.0	0	0	0	0	0	100.0	0
84 MPH	0	100.0	0	0	0	0	0	100.0	0	0	0	0	0	100.0	0
89 MPH	0	100.0	0	0	0	0	0	100.0	0	0	0	0	0	100.0	0
DIRECTION - EB	0	95	0	0	94	0	0	114	0	0	0	0	0	41	0
NUMBER OF VEHICLES	0	56.61	0	0	56.66	0	0	53.18	0	0	0	0	0	55.78	0
AVERAGE SPEED	0	133	0	0	126	0	0	119	0	0	0	0	0	46	0
DIRECTION - WB	0	53.98	0	0	53.85	0	0	52.92	0	0	0	0	0	52.72	0
NUMBER OF VEHICLES	0	51.73	0	0	51.73	0	0	51.73	0	0	0	0	0	51.73	0
AVERAGE SPEED	0	53.05	0	0	53.05	0	0	53.05	0	0	0	0	0	53.05	0



TABLE 13 SPEED DATA

STATION UI-6 HIGHWAY I-65 LOCATION Just east of White River WEATHER Clear  
 NO. OF LANES 6 TYPE OF SURFACE Concrete

THIS OBSERVATION LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 102)

DATE 11-14-77 DATE 8-1-77  
 TIME 1:08 TIME 10:29 AM EB  
 TIME 1:48 TIME 11:12 AM WB

OBSERVATION	PASSENGER CARS			INDIANA			NON-INDIANA			ALL			TRUCKS		
	LASI	ENI	PRES-	LASI	ENI	PRES-	LASI	ENI	PRES-	LASI	ENI	PRES-	LASI	ENI	PRES-
NUMBER OF VEHICLES	275	287	0	225	253	0	46	34	0	161	161	0	80	75	0
AVERAGE SPEED (MPH)	58.10	59.83	0	58.00	59.83	0	58.50	58.43	0	57.00	59.36	0	56.80	56.80	0
STANDARD DEVIATION	5.000	5.293	0	5.070	5.176	0	4.670	6.181	0	4.960	5.869	0	5.190	4.221	0
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN															
24 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44 MPH	4	3	0	4	4	0	4	4	0	6	1	0	6	1	0
49 MPH	3.6	1.7	0	4.4	1.6	0	0	2.9	0	2.5	3.1	0	3.8	2.7	0
54 MPH	22.1	10.1	0	22.3	9.5	0	21.7	14.7	0	6.2	15.3	0	31.3	20.0	0
59 MPH	61.5	53.7	0	62.5	54.9	0	54.3	44.1	0	70.8	60.2	0	68.8	54.7	0
64 MPH	90.6	84.3	0	90.4	84.6	0	91.3	82.4	0	55.0	91.3	0	92.5	85.3	0
69 MPH	97.8	95.1	0	97.8	95.3	0	97.8	94.1	0	99.4	97.5	0	98.8	94.7	0
74 MPH	99.6	98.3	0	99.6	98.4	0	100.0	97.1	0	100.0	99.4	0	100.0	98.7	0
79 MPH	100.0	99.3	0	100.0	99.6	0	100.0	97.1	0	100.0	99.4	0	100.0	98.7	0
84 MPH	100.0	99.7	0	100.0	99.6	0	100.0	100.0	0	100.0	100.0	0	100.0	100.0	0
89 MPH	100.0	100.0	0	100.0	100.0	0	100.0	100.0	0	100.0	100.0	0	100.0	100.0	0
DIRECTION EB															
NUMBER OF VEHICLES	143	141	0	114	121	0	29	20	0	76	85	0	38	35	0
AVERAGE SPEED	57.80	59.94	0	57.70	60.15	0	58.40	58.70	0	56.00	57.66	0	56.30	58.43	0
DIRECTION WB															
NUMBER OF VEHICLES	132	146	0	115	132	0	17	14	0	85	76	0	42	40	0
AVERAGE SPEED	58.40	59.71	0	58.40	59.53	0	58.70	61.43	0	57.70	59.39	0	57.60	60.17	0

TABLE 14 SPEED DATA

STATION UI-5 HIGHWAY I-465 LOCATION At Township Line Road Bridge WEATHER Clear  
 NO. OF LANES 6 TYPE OF SURFACE Concrete

THIS CERSEVATION LAST PREVIOUS OBSERVATION (SPEED REPORT NO.     )  
 DATE 11-14-77  
 TIME 9:50 - 10:29 AM EB  
11:05 - 11:37 AM WB

	ALL		PASSENGER CARS		NON-INDIANA		INDIANA		ALL		TRUCKS	
	ENT	PRES	ENT	PRES	ENT	PRES	ENT	PRES	ENT	PRES	ENT	PRES
OBSERVATION	LASI	LASI	LASI	LASI	LASI	LASI	LASI	LASI	LASI	LASI	LASI	LASI
NUMBER OF VEHICLES	0	215	0	187	0	28	0	217	0	62	0	152
AVERAGE SPEED (MPH)	0	59.49	0	55.72	0	57.96	0	56.84	0	58.76	0	56.08
STANDARD DEVIATION	0	4.754	0	4.850	0	3.776	0	5.065	0	4.700	0	5.016
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN												
24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	0	0	0	0	0
44 MPH	0	5	0	5	0	0	0	9	0	0	0	1.3
49 MPH	0	1.4	0	1.6	0	0	0	1.8	0	0	0	2.6
54 MPH	0	8.8	0	8	0	14.3	0	6	0	0	0	8.4
59 MPH	0	53.5	0	50.8	0	71.4	0	30	0	21.0	0	23.5
64 MPH	0	87.9	0	86.6	0	96.4	0	73.3	0	62.9	0	72.4
69 MPH	0	96.3	0	96.3	0	96.4	0	94	0	87.1	0	96.8
74 MPH	0	99.1	0	98.9	0	96.4	0	100.0	0	100.0	0	100.0
79 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
84 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
89 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
DIRECTION EB												
NUMBER OF VEHICLES	0	108	0	95	0	13	0	105	0	30	0	75
AVERAGE SPEED	0	59.87	0	60.03	0	58.69	0	57.79	0	58.83	0	57.77
DIRECTION WB												
NUMBER OF VEHICLES	0	107	0	92	0	15	0	112	0	32	0	80
AVERAGE SPEED	0	59.10	0	59.39	0	57.33	0	55.96	0	58.69	0	54.86



TABLE 15 SPEED DATA

STATION RIALL HIGHWAY Interstate LOCATION See Individual Station WEATHER   
Rural  
 NO. OF LANES  TYPE OF SURFACE

THIS OBSERVATION LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 102)  
 DATE Oct. - Dec. 1977 DATE July - Sept. 1977  
 TIME  TIME

OBSERVATION	PASSENGER CARS		NON-INDIANA		ALL		TRUCKS	
	LAST	ENT PRES-	LAST	ENT PRES-	LAST	ENT PRES-	LAST	ENT PRES-
NUMBER OF VEHICLES	0	887	0	429	0	830	0	168
AVE. SPEED (MPH)	0	61.51	0	61.19	0	61.02	0	60.07
STANDARD DEVIATION	0	5.013	0	5.100	0	5.215	0	5.637
24 MPH	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	0
44 MPH	0	0	0	0	0	0	0	0
49 MPH	0	2	0	2	0	4	0	6
54 MPH	0	5.3	0	7.0	0	9.3	0	14.3
59 MPH	0	36.9	0	40.8	0	37.8	0	48.8
64 MPH	0	76.7	0	77.9	0	76.0	0	80.4
69 MPH	0	92.7	0	93.2	0	94.3	0	93.5
74 MPH	0	98.3	0	98.1	0	99.6	0	100.0
79 MPH	0	100.0	0	100.0	0	100.0	0	100.0
84 MPH	0	100.0	0	100.0	0	100.0	0	100.0
89 MPH	0	100.0	0	100.0	0	100.0	0	100.0

TABLE 16 SPEED DATA

STATION 4ALL HIGHWAY 4-Lane Rural LCCATION See Individual Stations

NO. OF LANES TYPE OF SURFACE WEATHER

THIS CERSEVATION LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 102)  
 DATE Oct. - Dec. 1977 DATE July - Sept. 1977  
 TIME TIME

OBSERVATION	PASSENGER CARS			NON-INDIANA			TRUCKS		
	ALL	INDIANA	NON-INDIANA	ALL	INDIANA	NON-INDIANA	ALL	<5000 LBS.	>5000 LBS.
	PRES-	PRES-	PRES-	PRES-	PRES-	PRES-	PRES-	PRES-	PRES-
NUMBER OF VEHICLES	992	847	145	744	280	0	0	0	0
AVERAGE SPEED (MPH)	58.55	58.37	59.63	57.71	57.51	0	0	0	0
STANDARD DEVIATION	5.304	5.315	5.126	5.715	6.229	0	0	0	0
-24 MPH	0	0	0	0	0	0	0	0	0
-29 MPH	0	0	0	0	0	0	0	0	0
-34 MPH	0	0	0	0	0	0	0	0	0
-39 MPH	0	0	0	0	0	0	0	0	0
-44 MPH	4	5	2	8	1	0	0	0	0
-49 MPH	46	51	21	70	7	0	0	0	0
-54 MPH	195	207	124	253	29	0	0	0	0
-59 MPH	584	596	510	642	64	0	0	0	0
-64 MPH	885	897	814	902	88	0	0	0	0
-69 MPH	971	970	972	983	97	0	0	0	0
-74 MPH	994	995	986	996	99	0	0	0	0
-79 MPH	999	1000	993	999	99	0	0	0	0
-84 MPH	1000	1000	1000	1000	100	0	0	0	0
-89 MPH	1000	1000	1000	1000	100	0	0	0	0

TABLE 17 SPEED DATA

STATION 2L111 HIGHWAY 2-Lane Rural LOCATION See Individual Stations WEATHER

NO. OF LANES TYPE OF SURFACE

THIS OBSERVATION LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 102)  
 DATE Oct. - Dec. 1977 DATE July - Sept. 1977  
 TIME TIME

OBSERVATION	PASSENGER CARS			NON-INDIANA			TRUCKS		
	LASI	ENI	PRES-	LASI	ENI	PRES-	LASI	ENI	PRES-
NUMBER OF VEHICLES	0	905	0	0	64	0	0	360	0
AVERAGE SPEED (MPH)	0	57.77	0	0	58.44	0	0	56.67	0
STANDARD DEVIATION	0	6.088	0	0	5.549	0	0	6.824	0
24 MPH	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	0	0
44 MPH	0	1.1	0	0	0	0	0	8	0
49 MPH	0	8.0	0	0	3.1	0	0	4.2	0
54 MPH	0	28.0	0	0	23.4	0	0	12.8	0
59 MPH	0	65.0	0	0	64.1	0	0	35.0	0
64 MPH	0	88.1	0	0	84.4	0	0	68.3	0
69 MPH	0	95.6	0	0	92.2	0	0	90.9	0
74 MPH	0	99.3	0	0	100.0	0	0	98.6	0
79 MPH	0	99.8	0	0	100.0	0	0	99.4	0
84 MPH	0	99.9	0	0	100.0	0	0	99.7	0
89 MPH	0	100.0	0	0	100.0	0	0	99.9	0

TABLE 18 SPEED DATA

STATION U1A11 HIGHWAY Interstate LOCATION See Individual Stations WEATHER  
 NO. OF LANES TYPE CF SURFACE  
 THIS OBSERVATION LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 102)  
 DATE Oct. Dec. 1977 DATE July - Sept. 1977  
 TIME TIME

OBSERVATION	PASSENGER CARS		NON-INDIANA		ALL		TRUCKS	
	LAST	ENT	LAST	ENT	LAST	ENT	LAST	ENT
NUMBER OF VEHICLES	0	502	0	62	0	378	0	137
AVE. SPEED (MPH)	0	59.68	0	58.98	0	57.52	0	59.09
STANDARD DEVIATION	0	5.067	0	5.278	0	5.140	0	5.361
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN								
24 MPH	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	0
44 MPH	0	4	0	0	0	5	0	0
49 MPH	0	1.6	0	1.6	0	1.8	0	1.5
54 MPH	0	9.6	0	8.9	0	25.4	0	20.4
59 MPH	0	53.6	0	53.2	0	67.7	0	58.4
64 MPH	0	85.9	0	85.5	0	92.9	0	86.1
69 MPH	0	95.6	0	95.7	0	98.9	0	97.1
74 MPH	0	98.6	0	98.6	0	99.7	0	99.3
79 MPH	0	99.6	0	99.8	0	99.7	0	99.3
84 MPH	0	99.8	0	99.8	0	100.0	0	100.0
89 MPH	0	100.0	0	100.0	0	100.0	0	100.0



TABLE 19 SPEED DATA

STATION ALL HIGHWAY Indiana LOCATION See Individual Stations  
 NO. OF LANES TYPE OF SURFACE WEATHER  
 THIS RESERVATION LAST PREVIOUS OBSERVATION (SPEED REPORT NO. )  
 DATE Oct. - Dec. 1977 DATE July - Sept. 1977  
 TIME TIME

	ALL				PASSENGER CARS				TRUCKS			
	PRES-				PRES-				PRES-			
	LASI	ENI	LASI	ENI	LASI	ENI	LASI	ENI	LASI	ENI	LASI	ENI
NUMBER OF VEHICLES	0	3350	0	2621	0	729	0	2733	0	945	0	1728
AVE. SPEED (MPH)	0	59.28	0	58.84	0	60.84	0	58.09	0	57.87	0	58.21
STANDARD DEVIATION	0	2.622	0	2.667	0	5.202	0	6.096	0	6.372	0	5.943
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN												
24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	0	0	0	0	0
44 MPH	0	5	0	6	0	0	0	6	0	7	0	5
49 MPH	0	4.0	0	4.8	0	1.0	0	2.3	0	2.4	0	2.2
54 MPH	0	16.7	0	19.1	0	8.1	0	7.8	0	7.8	0	7.7
59 MPH	0	53.9	0	57.3	0	41.4	0	24.7	0	27.5	0	23.3
64 MPH	0	84.9	0	86.6	0	78.6	0	59.3	0	62.2	0	57.8
69 MPH	0	95.3	0	95.8	0	93.4	0	87.3	0	87.6	0	87.1
74 MPH	0	99.0	0	99.0	0	98.6	0	97.3	0	96.6	0	97.6
79 MPH	0	99.9	0	99.9	0	99.7	0	99.6	0	99.2	0	99.8
84 MPH	0	99.9	0	99.9	0	100.0	0	99.8	0	99.5	0	100.0
89 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	99.9	0	100.0
>5000 LBS.												
>5000 LBS. PRES-												



TABLE 20  
Monitoring of Speed  
(Statistical Summary)

Quarterly Report--Calendar Quarter Ending December 31, 1977

or  Annual Report--Year Ending \_\_\_\_\_

STATE Indiana

	Miles	Number of Monitor Locations	Number of Vehicles Measured	Duration of Measurement Session (Hours)	Average Speed (MPH)	Median Speed (MPH)	85th Percentile Speed (MPH)	Percent of Motorists Exceeding		
								55 MPH	60 MPH	65 MPH
Interstate Urban	218	2	880	2.0	58.8	57.9	62.9	78	33	8
Interstate Rural	849	4	1717	8.9	61.3	60.0	66.0	90	54	20
Multi-lane, Divided	657	4	1736	8.1	58.2	57.7	62.7	72	32	8
Multi-lane, Undivided						classification)				
2-Lane, Rural	8030	4	1750	8.0	56.8	56.2	62.3	59	26	8
State Total	9754	14	6083	27.0	58.7	58.2	63.7	74	36	11

TABLE 21 -

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY INTERSTATE, RURAL  
 STATION NUMBER RI-6 LOCATION I-65 7.5 miles north of SR 160  
 NUMBER OF SESSIONS 1 DATES 11-9-77 VEHICLES MEASURED 423  
 AVERAGE SPEED (MPH) 60.2 STANDARD DEVIATION 5.0  
 MEDIAN SPEED (MPH) 59.4 85TH PERCENTILE SPEED (MPH) 64.2  
 PERCENTAGE OF VEHICLES EXCEEDING:  
 55 MPH 86 60 MPH 46 65 MPH 15

TABLE 22

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY INTERSTATE RURAL

STATION NUMBER RI-21 LOCATION 1-69 Miles south of SR 18

NUMBER OF SESSIONS 1 DATES 11-21-77 VEHICLES MEASURED 436

AVERAGE SPEED (MPH) 65.8 STANDARD DEVIATION 5.1

MEDIAN SPEED (MPH) 59.9 85TH PERCENTILE SPEED (MPH) 65.6

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH	88	60 MPH	50	65 MPH	18
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TABLE 23

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY INTERSTATE, RURAL  
 STATION NUMBER RI-22 LOCATION I-69 7.3 miles north of SR 3 interchange  
 NUMBER OF SESSIONS 1 DATES 11-22-77 VEHICLES MEASURED 427  
 AVERAGE SPEED (MPH) 61.5 STANDARD DEVIATION 5.2  
 MEDIAN SPEED (MPH) 60.6 85TH PERCENTILE SPEED (MPH) 66.1  
 PERCENTAGE OF VEHICLES EXCEEDING:  
 55 MPH 90 60 MPH 55 65 MPH 20



TABLE 24

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY INTERSTATE, RURAL  
 STATION NUMBER RI-26 LOCATION I-80 & 90 3.75 miles east of LaGrange &  
 Elkhart Co. Line at 112 mile post marker  
 NUMBER OF SESSIONS 1 DATES JJ-16-77 VEHICLES MEASURED 43  
 AVERAGE SPEED (MPH) 62.5 STANDARD DEVIATION 4.9  
 MEDIAN SPEED (MPH) 61.7 85TH PERCENTILE SPEED (MPH) 67.1  
 PERCENTAGE OF VEHICLES EXCEEDING:  
 55 MPH 94 60 MPH 64 65 MPH 25

TABLE 25

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY ----- MULTI-LANE, DIVIDED (RURAL) -----  
 STATION NUMBER 41-17 LOCATION U.S. 52 150 ft. east of county road 475W  
 NUMBER OF SESSIONS 1 DATES 11-8-77 VEHICLES MEASURED 431  
 AVERAGE SPEED (MPH) 57.1 STANDARD DEVIATION 5.8  
 MEDIAN SPEED (MPH) 56.6 85TH PERCENTILE SPEED (MPH) 61.9  
 PERCENTAGE OF VEHICLES EXCEEDING:  
 55 MPH ----- 62 ----- 28 ----- 65 MPH ----- 7 -----

TABLE 26

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY MULTI-LANE, DIVIDED (RURAL)  
 STATION NUMBER 4L-32 LOCATION U.S. 30 2.9 miles west of Wanatah  
city limit sign  
 NUMBER OF SESSIONS 1 DATES 11-18-77 VEHICLES MEASURED 439  
 AVERAGE SPEED (MPH) 52.1 STANDARD DEVIATION 5.2  
 MEDIAN SPEED (MPH) 58.5 85TH PERCENTILE SPEED (MPH) 63.5  
 PERCENTAGE OF VEHICLES EXCEEDING:  
     79 60 MPH 39 65 MPH 10

TABLE 27

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY ----- MULTI-LANE DIVIDED (RURAL) -----  
 STATION NUMBER 41-1 LOCATION U.S. 41 2.55 miles south of SR 64  
 NUMBER OF SESSIONS 1 DATES 10-77 VEHICLES MEASURED 428  
 AVERAGE SPEED (MPH) 57.9 STANDARD DEVIATION 5.6  
 MEDIAN SPEED (MPH) 57.3 85TH PERCENTILE SPEED (MPH) 62.4  
 PERCENTAGE OF VEHICLES EXCEEDING:  
 55 MPH 72 60 MPH 27 65 MPH 8



TABLE 28

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY MULTI-LANE DIVIDED (RURAL)  
 STATION NUMBER 41-23 LOCATION U.S. 31 3.95 miles north of Howard-Miami  
County Line  
 NUMBER OF SESSIONS 1 DATES 11-17-77 VEHICLES MEASURED 438  
 AVERAGE SPEED (MPH) 58.6 STANDARD DEVIATION 5.1  
 MEDIAN SPEED (MPH) 58.0 85TH PERCENTILE SPEED (MPH) 62.7  
 PERCENTAGE OF VEHICLES EXCEEDING:  
 55 MPH 75 60 MPH 31 65 MPH 8

TABLE 29

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY TWO-LANE RURAL  
 STATION NUMBER 2L-18 LOCATION U.S. 35 2.5 miles east of I-69  
 NUMBER OF SESSIONS 1 DATES 11-21-77 VEHICLES MEASURED 444  
 AVERAGE SPEED (MPH) 57.4 STANDARD DEVIATION 5.7  
 MEDIAN SPEED (MPH) 56.5 85TH PERCENTILE SPEED (MPH) 62.6  
 PERCENTAGE OF VEHICLES EXCEEDING:  
 55 MPH 64 60 MPH 26 65 MPH 7

TABLE 30--

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY TWO-LANE RURAL

STATION NUMBER 2L-54 LOCATION U.S. 231 1.1 miles south of SR 234

NUMBER OF SESSIONS 1 DATES 11-15-77 VEHICLES MEASURED 427

AVERAGE SPEED (MPH) 57.6 STANDARD DEVIATION 6.5

MEDIAN SPEED (MPH) 56.9 85TH PERCENTILE SPEED (MPH) 62.6

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH	<u>64</u>	60 MPH	<u>30</u>	65 MPH	<u>9</u>
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TABLE 31

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY TWO-LANE RURAL  
 STATION NUMBER 2L-55 LOCATION SB 67 5 miles south of SR 39 & 67  
 NUMBER OF SESSIONS 1 DATES 11-11-77 VEHICLES MEASURED 418  
 AVERAGE SPEED (MPH) 58.4 STANDARD DEVIATION 5.8  
 MEDIAN SPEED (MPH) 57.5 85TH PERCENTILE SPEED (MPH) 62.9  
 PERCENTAGE OF VEHICLES EXCEEDING:  
 55 MPH 72 60 MPH 33 65 MPH 11



TABLE 32 -

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY TWO-LANE RURAL  
 STATION NUMBER 21-63 LOCATION SR 64 2.75 miles east of Gibson-Pike  
County Line  
 NUMBER OF SESSIONS 1 DATES 11-10-77 VEHICLES MEASURED 461  
 AVERAGE SPEED (MPH) 54.1 STANDARD DEVIATION 6.4  
 MEDIAN SPEED (MPH) 53.4 85TH PERCENTILE SPEED (MPH) 60.3  
 PERCENTAGE OF VEHICLES EXCEEDING:  
 55 MPH 38 60 MPH 16 65 MPH 4

TABLE 33

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY INTERSTATE, URBAN  
 STATION NUMBER U1-6 LOCATION I-65 Just east of White River  
 NUMBER OF SESSIONS 1 DATES 11-14-77 VEHICLES MEASURED 448  
 AVFRAGE SPEED (MPH) 52.3 STANDARD DEVIATION 5.3  
 MEDIAN SPEED (MPH) 58.2 85TH PERCENTILE SPEED (MPH) 63.4  
 PERCENTAGE OF VEHICLES EXCEEDING:  
 55 MPH 82 60 MPH 36 65 MPH 9

TABLE 34

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY INTERSTATE, URBAN  
 STATION NUMBER 01-5 LOCATION I-65 At Township Line Road Bridge  
 NUMBER OF SESSIONS 1 DATES 11-14-77 VEHICLES MEASURED 432  
 AVERAGE SPEED (MPH) 58.2 STANDARD DEVIATION 5.1  
 MEDIAN SPEED (MPH) 57.5 85TH PERCENTILE SPEED (MPH) 62.3  
 PERCENTAGE OF VEHICLES EXCEEDING:  
 55 MPH 74 60 MPH 31 65 MPH 7



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