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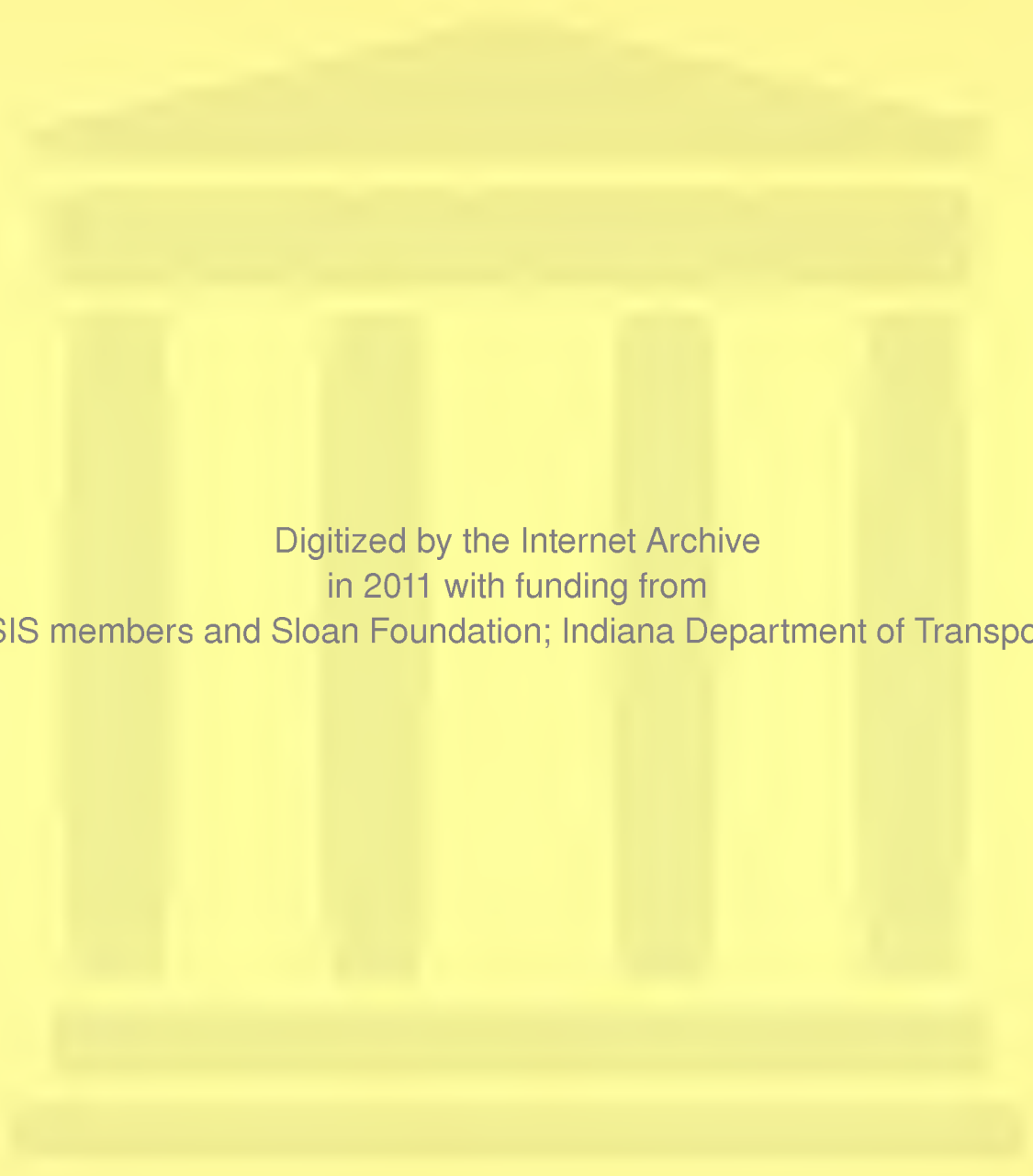
JHRP-76-29

TRAFFIC SPEED REPORT NO. 97

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Interim Report  
TRAFFIC SPEED REPORT NO. 97

by

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Joint Highway Research Project

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Purdue University  
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16. Abstract <p>This report is another on 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 month of June 1976.</p> <p>Analysis of the speeds showed the overall average speed for all vehicles was 56.8 mph. The overall average speed for passenger cars and all trucks was 57.1 mph and 56.1 mph, respectively. These overall average speeds were similar for passenger cars and 0.5 mph faster for trucks to the speeds found in the January-March 1976 Study (Speed Report No. 96). This increase in truck speeds resulted from a 1.7 mph increase in the average speeds of heavy trucks between the two periods.</p>			
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## TRAFFIC SPEED REPORT NO. 97

This report is an analysis of spot speed observations made during June 1976. 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 were divided into two groups. The first group is identified as "control stations" and studied from the same locations on selected Federal and State highways as used in the previous annual studies. These "control stations" will be used in each quarterly study. The second group is selected at random for each quarterly study.

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

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-21 (I-69)            3.3 miles south of junction of SR 18  
 \*RI-6 (I-65)            7.5 miles north of junction of SR 160  
 RI-26 (I-90)-TR\*\*    Between Jct. SR 3 and SR 13 at Co. Rd. 1200W  
 RI-28 (I-90)-TR\*\*    Between Jct. U.S. 31 and SR 39 at Olive Road

Four-lane Highways

\*4L-32 (U.S. 30)       2.0 miles east of junction of SR 49  
 \*4L-17 (U.S. 52)       1.0 mile west of Klondike  
 4L-18 (U.S. 52)       1.4 mile south of Kentland  
 4L-19 (U.S. 52)       4.3 miles north of Kentland

Two-lane Highways

\*2L-18 (U.S. 35)       1.5 miles east of junction of I-69  
 \*2L-54 (U.S. 231)      1.0 mile south of junction of SR 234  
 2L-56 (S.R. 24)       3.0 miles east of junction of U.S. 41  
 2L-62 (S.R. 37)       1.4 mile north of junction of SR 237

Urban Interstate Highways

\*UI-6 (I-65)            East of White River Bridge  
 UI-4 (I-465)            Indianapolis, at mile post 015

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.

\* Control stations

\*\* Toll Road





### Equipment and Field Procedure

The observations for this study were obtained by use of a Radar Speed Meter. The meter was placed approximately four feet from the edge of the pavement at angles less than  $10^{\circ}$  with the highway center line. 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>Two Lane</u>
	<u>Urban</u>	<u>Rural</u>	<u>Four Lane Rural</u>	<u>Rural</u>
<u>Passenger Cars:</u>				
Indiana	57.5	58.1	57.1	55.3
Non-Indiana	57.8	58.9	57.2	55.3
All Passenger Cars	57.5	58.6	57.1	55.3
85 Percentile (all)	61.6	67.5	61.9	60.7
<u>Trucks:</u>				
Less than 5000 lbs.	56.4	57.1	56.6	53.5
5000 lbs. or more	54.8	58.7	57.0	53.5
<u>All Vehicles:</u>				
Average	57.0	58.5	57.0	54.7
85 Percentile	61.3	62.5	62.0	60.3

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>Other</u>	<u>Two Lane</u>
	<u>Urban</u>	<u>Rural</u>	<u>Four Lane</u>	<u>Rural</u>
<u>Passenger Cars:</u>				
Indiana	66	73	63	49
Non-Indiana	67	78	67	51
All Passenger Cars	66	76	63	49
<u>Trucks:</u>				
Less than 5000 lbs.	58	62	62	39
5000 lbs. or more	51	76	63	41
<u>All Vehicles:</u>	63	74	63	46

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

	<u>Interstate</u>		<u>Other</u>	<u>Two Lane</u>
	<u>Urban</u>	<u>Rural</u>	<u>Four Lane Rural</u>	<u>Rural</u>
<u>Passenger Cars:</u>				
Indiana	23	27	26	19
Non-Indiana	30	32	27	17
All Passenger Cars	24	30	26	19
<u>Trucks:</u>				
Less than 5000 lbs.	22	21	24	13
5000 lbs. or more	13	35	26	12
<u>All Vehicles:</u>	23	30	25	16

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>Interstate</u>		<u>Other</u>	<u>Two Lane</u>
	<u>Urban</u>	<u>Rural</u>	<u>Four Lane Rural</u>	<u>Rural</u>
<u>Passenger Cars:</u>				
Indiana	5	6	7	6
Non-Indiana	3	7	6	3
All Passenger Cars	5	6	7	5
<u>Trucks:</u>				
Less than 5000 lbs.	4	4	5	3
5000 lbs. or more	1	8	8	3
<u>All Vehicles:</u>	4	7	7	5

## Summary and Conclusions

The overall average speed for all vehicles and passenger cars in this study was found to be 56.8 and 57.1 mph, respectively. The overall average speeds for heavy trucks and for all trucks were found to be 56.6 mph and 56.1 mph, respectively. These overall average speeds are about the same for all vehicles and passenger cars as the results of February-March 1976. However, the overall average speeds for heavy trucks and for all trucks are 1.7 mph and 0.5 mph, respectively, more than the results for the February-March 1976 study.

Table A presents a comparison of the overall speed results with that of the previous two studies. The 85th percentile speed of passenger cars was about the same for the three periods under consideration.

A comparison of April-June 1976 speed data with that for other recent periods for several types of highway for passenger cars and trucks is shown in Tables B, C, D and E.

The increase in the average speed for heavy trucks occurred mainly on rural interstate and four-lane highways (as compared to the February-March 1976 study). On the other hand, the average speeds and 85th percentile speeds for passenger cars were about the same on all types of highway except for the rural interstate highways where there was a slight increase from the February-March 1976 study.

TABLE A  
COMPARISON OF THE OVERALL SPEED RESULTS

	April-June <u>1976</u>	Feb.-March <u>1976</u>	Oct.-Nov. <u>1975</u>
<u>Average:</u>			
All Passenger Cars	57.1	57.3	57.8
Heavy Trucks	56.6	54.9	56.3
All Trucks	56.1	55.6	56.3
 <u>85 Percentile:</u>			
All Passenger Cars	61.8	61.5	61.8
Heavy Trucks	61.9	59.5	60.5
All Trucks	61.4	60.2	60.7
 <u>15 Percentile:</u>			
Heavy Trucks	50.5	49.3	51.2

TABLE B  
AVERAGE SPEEDS ON INTERSTATE HIGHWAYS (URBAN)

	<u>April-June</u> <u>1976</u>	<u>Feb.-March</u> <u>1976</u>	<u>Oct.-Nov.</u> <u>1975</u>	<u>July-Sept.</u> <u>1975</u>
<u>Passenger Cars:</u>				
Indiana	57.5	57.2	59.1	59.7
Non-Indiana	57.8	57.5	58.8	60.9
All Passenger Cars	57.5	57.2	59.0	60.0
85 Percentile (all)	61.6	61.0	62.3	64.2
<u>Trucks:</u>				
Less than 5000 lbs.	56.4	57.0	61.0	58.6
5000 lbs. or more	54.8	54.4	58.1	58.7

TABLE C  
AVERAGE SPEEDS ON INTERSTATE HIGHWAYS (RURAL)

	<u>April-June</u> <u>1976</u>	<u>Feb.-March</u> <u>1976</u>	<u>Oct.-Nov.</u> <u>1975</u>	<u>July-Sept.</u> <u>1975</u>
<u>Passenger Cars:</u>				
Indiana	58.1	57.4	56.8	59.7
Non-Indiana	58.9	58.0	57.1	60.2
All Passenger Cars	58.6	57.5	56.9	59.9
85 Percentile (all)	62.5	61.8	60.4	64.2
<u>Trucks:</u>				
Less than 5000 lbs.	57.1	56.5	55.9	58.2
5000 lbs. or more	58.7	56.7	56.5	59.3

TABLE D  
AVERAGE SPEEDS ON OTHER FOUR-LANE HIGHWAYS

	April-June <u>1976</u>	Feb.-March <u>1976</u>	Oct.-Nov. <u>1975</u>	July-Sept. <u>1975</u>
<u>Passenger Cars:</u>				
Indiana	57.1	57.7	58.2	57.6
Non-Indiana	57.2	58.6	58.7	58.1
All Passenger Cars	57.1	57.8	58.3	57.7
85 Percentile (all)	61.9	62.2	62.3	62.0
<u>Trucks:</u>				
Less than 5000 lbs.	56.6	57.0	56.0	56.4
5000 lbs. or more	57.0	54.9	55.7	55.9

TABLE E  
AVERAGE SPEEDS ON TWO-LANE HIGHWAYS

	April-June <u>1976</u>	Feb.-March <u>1976</u>	Oct.-Nov. <u>1975</u>	July-Sept. <u>1975</u>
<u>Passenger Cars:</u>				
Indiana	55.3	56.4	57.5	57.2
Non-Indiana	55.3	55.9	57.1	57.4
All Passenger Cars	55.3	56.4	57.4	57.8
85 Percentile (all)	60.7	60.5	62.5	62.5
<u>Trucks:</u>				
Less than 5000 lbs.	53.5	55.2	56.4	57.5
5000 lbs. or more	53.5	53.4	55.4	56.2

APPENDIX A

Speed Data (Tables 1 to 19)



TABLE 1 SPEED DATA

Station RI-21 Highway I-69 Location 3.3 miles South of Junction of SR 18 Weather Clear  
 No. of Lanes 4 Type of Surface Portland Cement Concrete Last Previous Observation (Speed Report No. 96)  
 This Observation  
 Date 6/2/76 Date 3/23/76  
 Time 10:35 - 11:35AM & 12:05-1:20PM Time 2:22 - 4:37 PM

OBSERVATION	PASSENGER CARS						TRUCKS					
	All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
No. of vehicles obs.	322	335	215	199	107	136	103	88	52	38	51	50
Ave. speed (m.p.h.)	57.44	57.94	57.28	57.59	57.75	58.46	56.64	56.77	55.94	57.05	57.35	56.56
Standard deviation	4.294	4.855	4.540	4.494	3.752	5.315	4.627	4.446	3.632	5.362	5.403	3.643
24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44 m.p.h.	0.31	0.0	0.47	0.0	0.0	0.0	0.0	1.14	0.0	2.63	0.0	0.0
49 m.p.h.	2.17	3.28	2.79	3.52	0.93	2.94	3.88	4.55	1.92	5.26	5.88	4.00
54 m.p.h.	22.67	19.70	23.72	22.11	20.56	16.18	33.98	30.68	36.54	34.21	31.37	28.00
59 m.p.h.	72.67	65.37	74.88	68.84	68.22	60.29	74.76	75.00	84.62	71.05	64.71	78.00
64 m.p.h.	95.65	93.73	95.81	94.47	95.33	92.65	94.17	95.45	100.0	92.11	88.24	98.00
69 m.p.h.	99.07	98.21	99.07	98.49	99.07	97.79	99.03	100.00	100.00	100.0	98.04	100.0
74 m.p.h.	99.38	99.40	99.07	100.0	100.0	98.53	100.0	100.0	100.0	100.0	100.0	100.0
79 m.p.h.	99.69	99.70	99.53	100.0	100.0	99.26	100.0	100.0	100.0	100.0	100.0	100.0
84 m.p.h.	100.00	99.70	100.0	100.0	100.0	99.26	100.0	100.0	100.0	100.0	100.0	100.0
89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No. of vehicles obs.	156	169	104	107	52	62	55	42	30	17	25	25
Average speed	59.21	59.05	59.28	58.42	59.06	60.15	58.62	58.31	56.77	59.29	60.84	57.64
No. of vehicles obs.	166	166	111	92	55	74	48	46	22	21	26	25
Average speed	55.78	56.81	55.41	56.62	56.51	57.04	54.38	55.37	54.82	55.24	54.00	55.48

All Vehicles

End

TABLE 2 SPEED DATA

Station RI-6 Highway I-65 Location 7.5 miles North of Junction of SR 160

No. of Lanes 4 Type of Surface Portland Cement Concrete Weather Hazy

This Observation Last Previous Observation (Speed Report No.     )

Date 6/10/76  
 Time 12:00-12:50PM & 1:15-2:05PM

OBSERVATION	PASSENGER CARS						TRUCKS					
	All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
No. of vehicles obs.	302	96	206	118	68	50						
Ave. speed (m.p.h.)	58.74	58.22	58.99	58.07	57.51	58.82						
Standard deviation	4.211	3.809	4.373	4.835	4.583	5.110						
24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0						
29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0						
34 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0						
39 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0						
44 m.p.h.	0.66	0.0	.97	0.0	0.0	0.0						
49 m.p.h.	0.99	0.0	1.46	5.08	4.41	6.00						
54 m.p.h.	14.57	16.67	13.59	25.42	27.94	22.00						
59 m.p.h.	62.25	67.71	59.71	56.78	64.71	46.00						
64 m.p.h.	91.06	93.75	89.81	92.37	94.12	90.00						
69 m.p.h.	98.68	100.0	98.06	99.15	100.0	98.00						
74 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0						
79 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0						
84 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0						
89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0						
No. of vehicles obs.	155	51	104	55	30	25						
Average speed	59.09	58.69	59.29	59.75	58.57	61.16						
No. of vehicles obs.	147	45	102	63	38	25						
Average speed	58.37	57.69	58.68	56.60	56.68	56.48						

All Vehicles

End

End

TABLE 3 SPEED DATA

Station RI-26 Highway I-90 (Toll Road) Location Between Jct. SR 3 and SR 13, at Co.Rd. 1200 W  
 No. of Lanes 4 Type of Surface Portland Cement Concrete Weather Clear

This Observation Last Previous Observation (Speed Report No.     )  
 Date 6/8/76 Date       
 Time 11:45 - 2:10 PM Time     

OBSERVATION	PASSENGER CARS						TRUCKS					
	All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
No. of vehicles obs.		238		42		196		194		38		156
Ave. speed (m.p.h.)		59.39		58.26		59.63		58.90		57.16		59.33
Standard deviation		4.699		4.559		4.704		4.402		4.162		4.366
24 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
29 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
34 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
39 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
44 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
49 m.p.h.		1.26		0.0		1.53		1.03		2.63		0.64
54 m.p.h.		14.29		23.81		12.24		14.43		21.05		12.82
59 m.p.h.		50.84		64.29		47.96		56.70		73.68		52.56
64 m.p.h.		86.13		85.71		86.22		88.66		94.74		87.18
69 m.p.h.		97.06		97.62		96.94		99.48		100.0		99.36
74 m.p.h.		99.58		100.0		99.49		100.0		100.0		100.0
79 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
84 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
89 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
No. of vehicles obs.		113		22		91		103		22		81
Average speed		58.77		57.77		59.01		58.63		58.14		58.77
No. of vehicles obs.		125		20		105		91		16		75
Average speed		59.95		58.80		60.17		59.21		55.81		59.93

All Vehicles

TABLE 4 SPEED DATA

Station RI-28 Highway I-90(Toll Road) Location Between Jct. US 31 and SR 39, at Olive Road  
 No. of Lanes 4 Type of Surface Portland Cement Concrete Weather Clear  
 This Observation Last Previous Observation (Speed Report No.     )  
 Date 6/8/76 Date           
 Time 3:10-5:20 PM Time         

OBSERVATION	PASSENGER CARS						TRUCKS						
	All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.		
	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent	
No. of vehicles obs.	252	90	162	174	39	135	58.56	59.06	58.28	58.08	56.15	58.64	
Ave. speed (m.p.h.)	4,343	4,283	4,364	4,757	4,069	4,809	0.0	0.0	0.0	0.0	0.0	0.0	
Standard deviation	0.0	0.0	0.0	0.0	0.0	0.0	24 m.p.h.	29 m.p.h.	34 m.p.h.	39 m.p.h.	44 m.p.h.	49 m.p.h.	
No. of vehicles at or less than % of vehicles traveling at or less than	0.0	0.0	0.0	0.0	0.0	0.0	1.59	1.85	1.85	3.45	5.13	2.96	
	13.89	8.89	16.67	21.26	30.77	18.52	63.10	66.05	65.52	82.05	60.74	60.74	
	91.67	90.00	92.59	89.66	97.44	87.41	98.02	98.15	98.85	97.44	98.52	98.52	
	99.60	100.0	99.38	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	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
	122	44	78	89	17	72	58.63	59.39	58.21	59.11	57.24	59.56	
	130	46	84	85	22	63	58.48	58.74	58.35	57.00	55.32	57.59	
	Average speed	58.48	58.74	58.35	57.00	55.32	57.59						

TABLE 5 SPEED DATA

Station 4L-32 Highway U.S. 30 Location 2.0 Miles East of Junction of SR 49

No. of Lanes 4 Type of Surface Asphalt Concrete Weather Clear

This Observation Last Previous Observation (Speed Report No. 96)

Date 6/3/76 Date 3/18/76  
 Time 10:50-1:45 PM Time 10:55 - 2:10 PM

OBSERVATION	PASSENGER CARS										TRUCKS					
	All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.					
	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent				
No. of vehicles obs.	312	296	234	213	78	83	111	127	60	76	51	51				
Ave. speed (m.p.h.)	58.22	56.50	58.04	56.21	58.76	57.24	57.02	56.79	57.58	56.97	56.35	56.51				
Standard deviation	4.389	4.546	4.494	4.554	4.039	4.466	4.967	4.503	5.146	4.814	4.711	4.027				
24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
34 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
39 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
44 m.p.h.	0.0	0.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
49 m.p.h.	2.56	7.77	2.99	7.51	1.28	8.43	7.21	3.15	3.33	2.63	11.76	3.92				
54 m.p.h.	19.23	33.78	20.09	37.56	16.67	24.10	29.73	32.28	31.67	31.58	27.45	33.33				
59 m.p.h.	62.82	74.32	66.24	76.53	52.56	68.67	72.97	72.44	68.33	68.42	78.43	78.43				
64 m.p.h.	93.59	95.27	93.59	95.31	93.59	95.18	92.79	94.49	90.00	92.11	96.08	98.04				
69 m.p.h.	99.68	99.66	99.57	99.53	100.0	100.0	98.20	99.21	96.67	98.68	100.0	100.0				
74 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
79 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
84 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
No. of vehicles obs.	153	158	115	113	38	45	58	53	32	27	26	26				
Average speed	58.80	55.91	58.62	55.58	59.37	56.76	57.95	56.38	58.97	57.11	56.69	55.62				
No. of vehicles obs.	159	138	119	100	40	38	53	74	28	49	25	25				
Average speed	57.66	57.17	57.49	56.93	58.17	57.82	56.00	57.08	56.00	56.90	56.00	57.44				

All Vehicles

End End

TABLE 6 SPEED DATA

Station 4L-17 Highway U.S. 52 Location 1.0 Mile West of Klondike Weather Hazy  
 No. of Lanes 4 Type of Surface Asphalt Concrete  
 This Observation Last Previous Observation (Speed Report No. 96)  
 Date 6/15/76 Date 3/26/76  
 Time 9:10-11:10 AM & 11:30-1:00 PM Time 8:53-1:10

OBSERVATION	PASSENGER CARS										TRUCKS					
	All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.					
	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent				
No. of vehicles obs.	368	303	349	285	19	18	113	137	63	86	50	51				
Ave. speed (m.p.h.)	57.49	56.54	57.45	56.58	58.16	55.89	55.07	54.75	56.37	55.02	53.44	54.29				
Standard deviation	5.482	6.617	5.467	6.550	5.862	7.775	6.676	6.696	7.285	7.318	5.463	5.529				
24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.73	0.0	1.16	0.0	0.0				
34 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	1.77	0.73	3.17	1.16	0.0	0.0				
39 m.p.h.	0.0	1.65	0.0	1.75	0.0	0.0	1.77	1.46	3.17	2.33	0.0	0.0				
44 m.p.h.	1.09	4.29	1.15	4.56	0.0	0.0	6.19	5.84	3.17	5.81	10.00	5.88				
49 m.p.h.	6.52	12.21	6.59	11.23	5.26	27.78	15.93	18.98	15.87	18.60	16.00	19.61				
54 m.p.h.	29.08	33.66	29.23	32.28	26.32	55.56	46.02	46.72	38.10	44.19	56.00	50.98				
59 m.p.h.	66.03	67.99	66.19	68.42	63.16	61.11	75.22	73.72	65.08	68.60	88.00	82.35				
64 m.p.h.	90.49	89.44	91.12	89.82	78.95	83.33	91.15	97.81	85.71	96.51	98.00	100.0				
69 m.p.h.	98.10	99.01	98.28	99.30	94.74	94.44	100.0	98.54	100.0	97.67	100.0	100.0				
74 m.p.h.	100.0	99.67	100.0	99.65	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
79 m.p.h.	100.0	99.67	100.0	99.65	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
84 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
No. of vehicles obs.	205	160	195	155	10	5	56	57	31	37	25	20				
Average speed	58.62	57.36	58.57	57.39	59.70	56.60	56.50	55.46	58.03	54.95	54.60	56.40				
No. of vehicles obs.	163	143	154	130	9	13	57	80	32	49	25	31				
Average speed	56.06	55.62	56.03	55.62	56.44	55.62	53.67	54.25	54.75	55.08	52.28	52.94				

Station 4L-18 Highway U.S. 52 Location 1.4 Mile South of Kentland  
 No of lanes 4 Type of surface Portland Cement Concrete Weather Clear  
 This Observation Date 6/4/76 Last Previous Observation (Speed Report No.)  
 Time 10:00-12:30 PM & 1:25-3:25 PM Date  
 Time

OBSERVATION	PASSENGER CARS										TRUCKS					
	All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.					
	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present				
No. of vehicles obs.	263	210	53	167	102	65										
Ave. speed (m.p.h.)	58.53	58.52	58.55	57.29	57.90	56.34										
Standard deviation	5.852	6.036	5.109	6.281	6.280	6.211										
24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0										
29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0										
34 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0										
39 m.p.h.	0.38	0.48	0.0	0.60	0.98	0.0										
44 m.p.h.	1.14	1.43	0.0	1.80	1.96	1.54										
49 m.p.h.	4.56	4.76	3.77	8.98	6.86	12.31										
54 m.p.h.	22.81	22.86	22.64	28.14	20.59	40.00										
59 m.p.h.	61.60	61.43	62.26	68.86	66.67	72.31										
64 m.p.h.	86.69	85.71	90.57	91.02	92.16	89.23										
69 m.p.h.	96.58	96.19	98.11	95.81	94.12	98.46										
74 m.p.h.	98.86	98.57	100.0	98.20	97.06	100.0										
79 m.p.h.	99.62	99.52	100.0	99.40	99.02	100.0										
84 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0										
89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0										
No. of vehicles obs.	143	100	43	77	52	25										
Average speed	58.66	58.67	58.63	56.26	57.27	54.16										
No. of vehicles obs.	120	110	10	90	50	40										
Average speed	58.37	58.39	59.20	58.18	58.56	57.70										

All Vehicles

End

End

End

TABLE 8 SPEED DATA

Station 4L-19 Highway U.S. 52 Location 4.3 Miles North of Kentland Weather Clear  
 No. of Lanes 4 Type of Surface Asphalt Concrete Last Previous Observation (Speed Report No.     )  
 This Observation Date 6/18/76 Date                       
 Time 9:20-11:20 AM Time                     

OBSERVATION	PASSENGER CARS						TRUCKS					
	All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
No. of vehicles obs.	260	201	59	179	67	112						
Ave. speed (m.p.h.)	57.12	57.31	56.47	57.80	56.13	58.79						
Standard deviation	5.880	6.078	5.144	6.440	6.218	6.391						
24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0						
29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0						
34 m.p.h.	0.0	0.0	0.0	0.56	0.0	0.89						
39 m.p.h.	0.38	0.50	0.0	1.12	1.49	0.89						
44 m.p.h.	1.54	1.49	1.69	4.47	5.97	3.57						
49 m.p.h.	8.46	8.96	6.78	8.38	11.94	6.25						
54 m.p.h.	30.00	29.85	30.51	21.23	26.87	17.86						
59 m.p.h.	66.15	65.17	69.49	63.13	74.63	56.25						
64 m.p.h.	91.54	90.05	96.61	85.47	94.03	80.36						
69 m.p.h.	98.08	97.51	100.0	97.77	98.51	97.32						
74 m.p.h.	99.23	99.00	100.0	100.0	100.0	100.0						
79 m.p.h.	99.62	99.50	100.0	100.0	100.0	100.0						
84 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0						
89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0						
No. of vehicles obs.	130	96	34	81	29	52						
Average speed	56.59	56.86	55.82	57.78	56.59	58.44						
No. of vehicles obs.	130	105	25	98	38	60						
Average speed	57.65	57.71	57.36	57.82	55.79	59.10						

All Vehicles

End

End



TABLE 9 SPEED DATA

Station 2L-18 Highway U.S. 35 Location 1.5 Miles east of Jct. of I-69 Weather Clear  
 No. of Lanes 2 Type of Surface Asphalt Concrete Last Previous Observation (Speed Report No. 96)  
 This Observation Date 6/2/76 Date 3/23/76  
 Time 2:25-5:20 PM Time 10:40-1:40 PM

OBSERVATION	PASSENGER CARS												TRUCKS					
	All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.		Pres-ent	Pres-ent				
	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent			Last			
No. of vehicles obs.	310	305	270	256	40	49	126	128	76	78	50	50	50					
Ave. speed (m.p.h.)	56.05	55.74	56.06	55.96	56.00	53.61	53.66	54.42	54.54	55.27	52.32	53.10						
Standard deviation	5.466	6.022	5.398	6.064	5.979	5.726	5.533	5.692	5.639	5.886	5.137	5.160						
24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
34 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
39 m.p.h.	0.32	0.33	0.37	0.39	0.0	0.0	0.0	0.78	0.0	0.0	0.0	2.00						
44 m.p.h.	1.29	2.30	0.74	1.56	5.00	6.12	7.94	5.47	6.58	3.85	10.0	8.00						
49 m.p.h.	8.71	14.10	8.15	12.89	12.50	20.41	18.25	14.06	14.47	12.82	24.00	16.00						
54 m.p.h.	37.74	42.95	37.78	42.19	37.50	46.94	55.56	49.22	48.68	42.31	66.00	60.00						
59 m.p.h.	80.97	76.39	81.48	75.78	77.50	79.59	87.30	84.38	84.21	79.49	92.00	92.00						
64 m.p.h.	93.23	94.10	93.33	93.36	92.50	97.96	97.62	97.66	96.05	96.15	100.0	100.0						
69 m.p.h.	97.42	97.38	97.41	96.88	97.50	100.0	99.21	99.22	98.68	98.72	100.0	100.0						
74 m.p.h.	99.35	99.02	99.26	98.83	100.0	100.0	100.0	99.22	100.0	98.72	100.0	100.0						
79 m.p.h.	100.0	99.34	100.0	99.22	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0						
84 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0						
89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0						
No. of vehicles obs.	152	149	127	124	25	25	69	66	44	41	25	25						
Average speed	57.29	55.15	57.18	55.32	57.84	54.28	55.04	53.62	56.41	54.66	52.64	51.92						
No. of vehicles obs.	158	156	143	132	15	24	57	62	32	37	25	25						
Average speed	54.85	56.31	55.06	56.55	52.93	54.96	51.98	55.27	51.97	55.95	52.00	54.28						

All Vehicles

Bnd Bnd

Bnd Bnd

TABLE 10 SPEED DATA

Station 2L-54 Highway U.S. 231 Location 1.0 mile South of Jct. SR 234  
 No. of Lanes 2 Type of Surface Asphalt Concrete Weather Cloudy  
 This Observation Last Previous Observation (Speed Report No.     )  
 Date 6/25/76 Date       
 Time 9:45-12:30 PM Time     

OBSERVATION	PASSENGER CARS						TRUCKS					
	All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent
No. of vehicles obs.	271	241	30	150	91	59						
Ave. speed (m.p.h.)	56.86	56.95	56.20	55.63	55.67	55.56						
Standard deviation	6.998	7.209	5.034	6.253	6.927	5.097						
24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0						
29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0						
34 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0						
39 m.p.h.	0.74	0.83	0.0	0.0	0.0	0.0						
44 m.p.h.	2.21	2.49	0.0	4.00	5.49	1.69						
49 m.p.h.	9.96	9.96	10.00	13.33	15.38	10.17						
54 m.p.h.	33.95	34.02	33.33	43.33	43.96	42.37						
59 m.p.h.	75.65	75.10	80.00	79.33	81.32	76.27						
64 m.p.h.	89.30	88.80	93.33	95.33	93.41	98.31						
69 m.p.h.	95.94	95.44	100.0	98.0	96.70	100.0						
74 m.p.h.	97.79	97.51	100.0	98.0	96.70	100.0						
79 m.p.h.	98.89	98.76	100.0	99.33	98.90	100.0						
84 m.p.h.	99.26	99.17	100.0	100.0	100.0	100.0						
89 m.p.h.	99.63	99.59	100.0	100.0	100.0	100.0						
No. of vehicles obs.	142	122	20	68	43	25						
Average speed	57.29	57.39	56.70	55.97	56.00	55.92						
No. of vehicles obs.	129	119	10	82	48	34						
Average speed	56.40	56.50	55.20	55.34	55.37	55.29						
All Vehicles												

No. of vehicles traveling at or less than  
 All Vehicles  
 No. of vehicles obs.  
 Average speed  
 No. of vehicles obs.  
 Average speed

TABLE 11 SPEED DATA

Station 2L-56 Highway S.R. 24 Location 3.0 Miles East of Jct. of U.S. 41 Weather Clear  
 No. of Lanes 2 Type of Surface Asphalt Concrete Last Previous Observation (Speed Report No.     )  
 This Observation Date 6/7/76 Date           
 Time 11:10 - 2:30 PM Time         

OBSERVATION	PASSENGER CARS						TRUCKS					
	All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent
No. of vehicles obs.	267	164	103	154	74	80						
Ave. speed (m.p.h.)	56.86	57.33	56.11	55.09	54.61	55.54						
Standard deviation	5.652	5.817	5.321	6.182	5.965	6.380						
24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0						
29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0						
34 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0						
39 m.p.h.	0.37	0.61	0.0	1.30	0.0	2.50						
44 m.p.h.	2.25	1.83	2.91	3.90	2.70	5.00						
49 m.p.h.	8.99	9.15	8.74	17.53	21.62	13.75						
54 m.p.h.	31.46	26.83	38.83	40.91	50.00	32.50						
59 m.p.h.	70.04	67.07	74.76	79.22	81.08	77.50						
64 m.p.h.	92.13	90.85	94.17	94.16	95.95	92.50						
69 m.p.h.	98.13	96.95	100.0	99.35	98.65	100.0						
74 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0						
79 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0						
84 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0						
89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0						
No. of vehicles obs.	137	73	64	73	33	40						
Average speed	56.93	57.70	56.06	54.86	54.09	55.50						
No. of vehicles obs.	130	91	39	81	41	40						
Average speed	56.78	57.03	56.18	55.30	55.02	55.57						

All Vehicles

Bnd

Bnd

TABLE 12 SPEED DATA

Station 2L-62 Highway S.R. 37 Location 1.4 miles north of Jct. SR. 237

No. of Lanes 2 Type of Surface Asphalt Concrete Weather Hazy

This Observation Last Previous Observation (Speed Report No.     )

Date 6/11/76  
Time 8:20-11:40 A.M.

OBSERVATION	PASSENGER CARS						TRUCKS					
	All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent
No. of vehicles obs.	258	235	23	162	112	50						
Ave. speed (m.p.h.)	51.48	51.44	51.91	49.37	49.82	48.36						
Standard deviation	6.766	6.910	5.178	6.518	6.761	5.875						
24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0						
29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0						
34 m.p.h.	0.78	0.85	0.0	1.23	1.79	0.0						
39 m.p.h.	3.10	2.98	4.35	9.26	8.93	10.00						
44 m.p.h.	12.02	12.77	4.35	19.14	19.64	18.00						
49 m.p.h.	38.37	38.72	34.78	51.23	47.32	60.00						
54 m.p.h.	70.54	71.91	56.52	77.78	73.21	88.00						
59 m.p.h.	90.70	90.21	95.65	94.44	93.75	96.00						
64 m.p.h.	96.90	96.60	100.0	98.77	98.21	100.0						
69 m.p.h.	98.84	98.72	100.0	100.0	100.0	100.0						
74 m.p.h.	99.61	99.57	100.0	100.0	100.0	100.0						
79 m.p.h.	99.61	99.57	100.0	100.0	100.0	100.0						
84 m.p.h.	99.61	99.57	100.0	100.0	100.0	100.0						
89 m.p.h.	99.61	99.57	100.0	100.0	100.0	100.0						
No. of vehicles obs.	128	109	19	82	57	25						
Average speed	51.02	50.93	51.53	48.76	49.51	47.04						
No. of vehicles obs.	130	126	4	80	55	25						
Average speed	51.95	51.89	53.75	50.00	50.15	49.68						

All Vehicles

End

End

TABLE 13 SPEED DATA

Station UI-6 Highway I-65 Location East of White River Bridge Weather Hazy  
 No. of Lanes 4 Type of Surface Portland Cement Concrete  
 This Observation Last Previous Observation (Speed Report No. 96)  
 Date 6/17/76 Date 3/19/76  
 Time 10:22-12:20 P.M. Time 11:02-12:53 P.M.

OBSERVATION	PASSENGER CARS												TRUCKS					
	All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.							
	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent						
No. of vehicles obs.	373	350	342	302	31	48	87	95	35	42	52	53						
Ave. speed (m.p.h.)	57.21	57.83	57.18	57.81	57.52	57.96	55.40	55.33	56.97	56.69	54.35	54.25						
Standard deviation	4.164	5.032	4.187	5.093	3.957	4.681	4.644	6.594	4.409	6.059	4.537	6.853						
24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
34 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.11	0.0	0.0	0.0	3.77						
39 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.11	0.0	0.0	0.0	3.77						
44 m.p.h.	0.0	0.86	0.0	0.99	0.0	0.0	1.15	8.42	0.0	7.14	1.92	9.43						
49 m.p.h.	1.61	4.00	1.75	4.30	0.0	2.08	11.49	14.74	2.86	11.90	17.31	16.98						
54 m.p.h.	25.47	22.57	25.15	21.52	29.03	29.17	33.33	41.05	22.86	33.33	40.38	47.17						
59 m.p.h.	72.39	66.29	72.81	66.23	67.74	66.67	86.21	72.63	74.29	66.67	94.23	77.36						
64 m.p.h.	96.78	91.71	96.49	91.72	100.0	91.67	97.70	95.79	94.29	90.48	100.0	100.0						
69 m.p.h.	99.20	98.86	99.12	98.68	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0						
74 m.p.h.	99.73	99.43	99.71	99.34	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0						
79 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0						
84 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0						
89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0						
No. of vehicles obs.	197	179	183	152	14	27	49	49	23	23	26	26						
Average speed	57.75	57.67	57.72	57.61	58.07	58.00	55.55	54.55	57.13	55.96	54.15	53.31						
No. of vehicles obs.	176	171	159	150	17	21	38	46	12	19	26	27						
Average speed	56.61	57.99	56.56	58.01	57.06	57.90	55.21	56.15	56.67	57.58	54.54	55.15						

All Vehicles

and

TABLE 14 SPEED DATA

Station UI-4 Highway I-465 Location Indianapolis, at milepost 015  
 No. of Lanes 4 Type of Surface Portland Cement Concrete Weather Cloudy  
 This Observation Last Previous Observation (Speed Report No.     )  
 Date 6/1/1976 Date           
 Time 1:50-2:30 P.M. & 3:00-3:40 P.M. Time         

OBSERVATION	PASSENGER CARS						TRUCKS					
	All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent
No. of vehicles obs.		301		257		44		122		71		51
Ave. speed (m.p.h.)		57.15		57.09		57.52		55.87		56.17		55.45
Standard deviation		4.810		4.848		4.623		4.648		4.638		4.675
24 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
29 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
34 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
39 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
44 m.p.h.		0.66		0.78		0.0		0.82		1.41		0.0
49 m.p.h.		4.32		3.11		11.36		8.20		7.04		9.80
54 m.p.h.		26.91		27.63		22.73		39.34		33.80		47.06
59 m.p.h.		71.76		74.32		56.82		79.51		78.87		80.39
64 m.p.h.		95.02		94.55		97.73		96.72		97.18		96.08
69 m.p.h.		98.01		97.67		100.0		100.0		100.0		100.0
74 m.p.h.		99.34		99.22		100.0		100.0		100.0		100.0
79 m.p.h.		99.67		99.61		100.0		100.0		100.0		100.0
84 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
89 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
No. of vehicles obs.		145		126		19		66		41		25
Average speed		56.50		56.52		56.32		56.59		57.54		55.04
No. of vehicles obs.		156		131		25		56		30		26
Average speed		57.76		57.63		58.44		55.02		54.30		55.85

All Vehicles

2nd

3rd

TABLE 15 SPEED DATA

Station \_\_\_\_\_ Highway Interstate, Rural Location See individual stations \_\_\_\_\_ Weather \_\_\_\_\_  
 No. of Lanes \_\_\_\_\_ Type of Surface \_\_\_\_\_  
 This Observation \_\_\_\_\_ Last Previous Observation (Speed Report No. 96 )  
 Date April-June 1976 \_\_\_\_\_ Date Feb.-March 1976 \_\_\_\_\_  
 Time \_\_\_\_\_ Time \_\_\_\_\_

OBSERVATION	PASSENGER CARS						TRUCKS					
	All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent	Last	Pres-ent
No. of vehicles obs.	661	1127	481	427	180	700	211	574	108	183	103	391
Ave. speed (m.p.h.)	57.54	58.60	57.39	58.11	57.96	58.90	56.55	58.16	56.45	57.05	56.66	58.67
Standard deviation	4.760	4.566	4.931	4.333	4.254	4.680	4.723	4.650	4.446	4.562	5.017	4.606
24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44 m.p.h.	0.30	0.27	0.42	0.0	0.0	0.43	0.0	0.35	0.0	0.55	0.0	0.26
49 m.p.h.	3.48	1.86	4.37	1.87	1.11	1.86	5.21	3.14	3.70	4.37	6.80	2.56
54 m.p.h.	26.32	15.83	27.86	18.27	22.22	14.43	35.07	21.25	34.26	28.42	35.92	17.90
59 m.p.h.	68.08	60.96	69.44	65.81	64.44	58.00	72.51	62.20	76.85	71.58	67.96	57.80
64 m.p.h.	93.80	90.95	93.97	92.51	93.33	90.00	95.26	90.77	96.30	94.54	94.17	89.00
69 m.p.h.	98.49	98.05	98.34	98.59	98.89	97.71	99.05	99.30	99.07	100.0	99.03	98.98
74 m.p.h.	99.70	99.65	99.58	100.00	100.0	99.43	100.0	100.0	100.0	100.0	100.0	100.0
79 m.p.h.	99.85	99.91	99.79	100.0	100.0	99.86	100.0	100.0	100.0	100.0	100.0	100.0
84 m.p.h.	100.0	99.91	100.0	100.0	100.0	99.86	100.0	100.0	100.0	100.0	100.0	100.0
89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

All Vehicles

# of vehicles traveling at or less than

TABLE 16 SPEED DATA

Station Highway 4-Lane, RURAL Location See individual stations Weather                       
 No. of Lanes                      Type of Surface                       
 This Observation                      Last Previous Observation (Speed Report No. 96)  
 Date April-June 1976 Date Feb.-March 1976  
 Time                      Time                     

OBSERVATION	PASSENGER CARS										TRUCKS					
	All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.					
	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent				
No. of vehicles obs.	680	1122	583	909	97	213	224	610	123	331	101	279				
Ave. speed (m.p.h.)	57.82	57.13	57.69	57.10	58.64	57.24	56.04	56.77	56.96	56.58	54.91	56.98				
Standard deviation	5.020	5.821	5.103	5.961	4.426	5.191	5.959	6.196	6.337	6.333	5.278	6.033				
24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.16	0.0	0.30	0.0	0.0				
34 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.89	0.33	1.63	0.30	0.0	0.36				
39 m.p.h.	0.0	0.62	0.0	0.77	0.0	0.0	0.89	0.82	1.63	1.21	0.0	0.36				
44 m.p.h.	0.59	1.87	0.69	2.09	0.0	0.94	3.13	3.11	1.63	3.32	4.95	2.87				
49 m.p.h.	4.71	8.38	5.15	8.36	2.06	8.45	11.61	9.84	9.76	9.97	13.86	9.68				
54 m.p.h.	24.56	30.30	25.56	30.80	18.56	28.17	37.95	31.15	34.96	30.51	41.58	31.90				
59 m.p.h.	64.56	67.74	66.21	67.99	54.64	66.67	74.11	69.02	66.67	69.18	83.17	68.82				
64 m.p.h.	91.91	90.82	92.11	90.21	90.72	93.43	91.96	91.64	87.80	93.66	97.03	89.25				
69 m.p.h.	98.82	98.40	98.80	98.24	98.97	99.06	99.11	97.70	98.37	96.98	100.0	98.57				
74 m.p.h.	100.0	99.47	100.0	99.34	100.0	100.0	100.0	99.51	100.0	99.09	100.0	100.0				
79 m.p.h.	100.0	99.73	100.0	99.67	100.0	100.0	100.0	99.84	100.0	99.70	100.0	100.0				
84 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				

All Vehicles

# of vehicles traveling at or less than



TABLE 17 SPEED DATA

Station \_\_\_\_\_ Highway 2-Lane, Rural Location See individual stations Weather \_\_\_\_\_  
 No. of Lanes \_\_\_\_\_ Type of Surface \_\_\_\_\_  
 This Observation \_\_\_\_\_ Last Previous Observation (Speed Report No. 96) \_\_\_\_\_  
 Date April-June 1976 Date Feb.-March 1976  
 Time \_\_\_\_\_ Time \_\_\_\_\_

OBSERVATION	PASSENGER CARS												TRUCKS					
	All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.							
	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent						
No. of vehicles obs.	629	1101	575	896	54	205	252	594	152	355	100	239						
Ave. speed (m.p.h.)	56.36	55.29	56.39	55.29	55.94	55.29	54.45	53.52	55.17	53.52	53.36	53.53						
Standard deviation	5.116	6.717	5.096	6.969	5.357	5.497	5.209	6.693	5.351	6.917	4.808	6.361						
24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
34 m.p.h.	0.16	0.18	0.17	0.22	0.0	0.0	0.0	0.34	0.0	0.56	0.0	0.0						
39 m.p.h.	0.32	1.09	0.35	1.23	0.0	0.49	0.0	3.03	0.0	2.82	0.0	3.35						
44 m.p.h.	1.11	4.54	0.87	4.80	3.70	3.41	4.37	8.42	3.95	9.01	5.00	7.53						
49 m.p.h.	5.88	17.53	5.57	18.19	9.26	14.63	14.68	24.92	11.84	26.20	19.00	23.01						
54 m.p.h.	35.93	44.41	36.00	44.98	35.19	41.95	51.98	53.37	45.39	54.08	62.00	52.30						
59 m.p.h.	79.81	78.02	79.83	77.79	79.63	79.02	85.32	84.51	82.24	84.79	90.00	84.10						
64 m.p.h.	94.44	93.10	90.43	92.52	94.44	95.61	97.22	96.46	96.05	96.06	99.00	97.07						
69 m.p.h.	98.09	97.55	98.09	96.99	98.15	100.0	99.21	99.16	98.68	98.59	100.0	100.0						
74 m.p.h.	99.68	99.09	99.65	98.88	100.0	100.0	100.0	99.33	100.0	98.87	100.0	100.0						
79 m.p.h.	100.0	99.46	100.0	99.33	100.0	100.0	100.0	99.83	100.0	99.72	100.0	100.0						
84 m.p.h.	100.0	99.73	100.0	99.67	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0						
89 m.p.h.	100.0	99.82	100.0	99.78	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0						

All Vehicles

% of vehicles traveling at or less than

TABLE 13 SPEED DATA

Station \_\_\_\_\_ Highway Interstate, Urban Location See individual stations \_\_\_\_\_ Weather \_\_\_\_\_  
 No. of Lanes \_\_\_\_\_ Type of Surface \_\_\_\_\_  
 This Observation \_\_\_\_\_ Last Previous Observation (Speed Report No. 96 ) \_\_\_\_\_  
 Date April-June 1976 \_\_\_\_\_ Date Feb.-March 1976 \_\_\_\_\_  
 Time \_\_\_\_\_ Time \_\_\_\_\_

OBSERVATION	PASSENGER CARS						TRUCKS					
	All		Indiana		Non-Indiana		All		<5000 lbs.		>5000 lbs.	
	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent	Last	Pre-ent
No. of vehicles obs.	373	651	342	559	31	92	87	217	35	113	52	104
Ave. speed (m.p.h.)	57.21	57.51	57.18	57.48	57.52	57.75	55.40	55.63	56.97	56.36	54.35	54.84
Standard deviation	4.164	4.939	4.187	4.990	3.957	4.633	4.644	5.576	4.409	5.191	4.537	5.889
24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.92	0.0	0.0	0.0	1.92
39 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.92	0.0	0.0	0.0	1.92
44 m.p.h.	0.0	0.77	0.0	0.89	0.0	0.0	1.15	4.15	0.0	3.54	1.92	4.81
49 m.p.h.	1.61	4.15	1.75	3.76	0.0	6.52	11.49	11.06	2.86	8.85	17.31	13.46
54 m.p.h.	25.47	24.58	25.15	24.33	29.03	26.09	33.33	40.09	22.86	33.63	40.38	47.12
59 m.p.h.	72.39	68.82	72.81	69.95	67.74	61.96	86.21	76.50	74.29	74.34	94.23	78.85
64 m.p.h.	96.78	93.24	96.49	93.02	100.0	94.57	97.70	96.31	94.29	94.69	100.0	98.08
69 m.p.h.	99.20	98.46	99.12	98.21	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
74 m.p.h.	99.73	99.39	99.71	99.28	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
79 m.p.h.	100.0	99.85	100.0	99.82	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
84 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

All Vehicles

# of vehicles traveling at or less than

TABLE 19 SPEED DATA

Station \_\_\_\_\_ Highway Indiana System \_\_\_\_\_ Location See individual stations \_\_\_\_\_ Weather \_\_\_\_\_  
 No. of Lanes \_\_\_\_\_ Type of Surface \_\_\_\_\_  
 This Observation \_\_\_\_\_ Last Previous Observation (Speed Report No. 96) \_\_\_\_\_  
 Date April-June 1976 \_\_\_\_\_ Date Feb.-March 1976 \_\_\_\_\_  
 Time \_\_\_\_\_ Time \_\_\_\_\_

OBSERVATION	PASSENGER CARS												TRUCKS					
	All			Indiana			Non-Indiana			All			<5000 lbs.		>5000 lbs.			
	Last	Pre-ent	Pres-ent	Last	Pre-ent	Pres-ent	Last	Pre-ent	Pres-ent	Last	Pre-ent	Pres-ent	Last	Pre-ent	Last	Pre-ent		
No. of vehicles obs.	2343	4001	1981	2791	362	1210	774	1995	418	982	356	1013						
Ave. speed (m.p.h.)	57.25	57.10	57.15	56.75	57.80	57.91	55.59	56.08	56.18	55.54	54.90	56.60						
Standard deviation	4.878	5.771	4.936	6.009	4.519	5.091	5.315	6.163	5.422	6.329	5.109	5.955						
24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.0	0.10	0.0	0.0						
34 m.p.h.	0.04	0.05	0.05	0.07	0.0	0.0	0.26	0.30	0.48	0.31	0.0	0.30						
39 m.p.h.	0.09	0.47	0.10	0.64	0.0	0.08	0.26	1.25	0.48	1.43	0.0	1.09						
44 m.p.h.	0.55	1.97	0.56	2.40	0.55	0.99	2.45	4.01	1.91	4.89	3.09	3.16						
49 m.p.h.	4.18	8.37	4.49	9.60	2.49	5.54	10.85	12.53	8.37	14.66	13.76	10.46						
54 m.p.h.	28.25	22.19	29.08	32.14	23.76	22.40	41.21	35.89	37.56	39.00	45.51	32.87						
59 m.p.h.	70.89	68.83	72.08	71.19	64.36	63.39	78.68	72.48	75.60	75.87	82.30	69.20						
64 m.p.h.	93.90	91.88	93.99	91.87	93.37	91.90	95.22	93.33	93.54	94.81	97.19	91.91						
69 m.p.h.	98.59	98.08	98.54	97.89	98.90	98.51	99.22	98.85	98.80	98.47	99.72	99.21						
74 m.p.h.	99.79	99.40	99.75	99.28	100.0	99.67	100.0	99.65	100.0	99.29	100.0	100.0						
79 m.p.h.	99.96	99.73	99.95	99.64	100.0	99.92	100.0	99.90	100.0	99.80	100.0	100.0						
84 m.p.h.	100.0	99.90	100.0	99.89	100.0	99.92	100.0	100.0	100.0	100.0	100.0	100.0						
89 m.p.h.	100.0	99.95	100.0	99.93	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0						

All Vehicles

% of vehicles traveling at or less than

APPENDIX B

Speed Data Summary as Furnished to FHWA  
For Quarterly Speed Monitoring  
(Tables 20 to 34)

Monitoring of Speed  
(Statistical Summary)

Quarterly Report--Calendar Quarter Ending June 30, 1976

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	868	3.5	57.1	56.5	61.3	63	23	4
Interstate Rural	849	4	1701	7.8	58.5	57.7	62.5	74	30	7
Multi-lane, Divided	657	4	1732	14.8	57.0	56.5	62.0	63	25	7
Multi-lane, Undivided	(included in multi-lane, Divided classification)									
2-Lane, Rural	8030	4	1695	12.5	54.7	54.4	60.3	46	16	5
State Total	9754	14	5996	38.6	56.8	56.4	61.6	62	24	6

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Interstate, Rural  
STATION NUMBER RI-6 LOCATION I-65, 7.5 miles north of Junction of SR 160  
NUMBER OF SESSIONS 1 DATES 6/10/76 VEHICLES MEASURED 420  
AVERAGE SPEED (MPH) 58.6 STANDARD DEVIATION (MPH) 4.4  
MEDIAN SPEED (MPH) 58.2 85TH PERCENTILE SPEED (MPH) 62.5  
PERCENTAGE OF VEHICLES EXCEEDING:  
55 MPH: 76 60 MPH: 30 65 MPH: 6

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Interstate, Rural  
 STATION NUMBER RI-21 LOCATION I-69, 3.3 miles south of Junction of SR 18  
 NUMBER OF SESSIONS 1 DATES 6/2/76 VEHICLES MEASURED 423  
 AVERAGE SPEED (MPH) 57.7 STANDARD DEVIATION (MPH) 4.8  
 MEDIAN SPEED (MPH) 56.5 85TH PERCENTILE SPEED (MPH) 61.7

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH: 67 60 MPH: 25 65 MPH: 5

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Interstate, Rural  
STATION NUMBER RI-26 LOCATION I-90 (Toll Road), between Jct SR 3 and SR 13\*  
NUMBER OF SESSIONS 1 DATES 6/8/76 VEHICLES MEASURED 432  
AVERAGE SPEED (MPH) 59.2 STANDARD DEVIATION (MPH) 4.6  
MEDIAN SPEED (MPH) 58.6 85TH PERCENTILE SPEED (MPH) 63.4  
PERCENTAGE OF VEHICLES EXCEEDING:  
55 MPH: 78 60 MPH: 37 65 MPH: 8

\*at County Road 1200W



SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Interstate, Rural  
STATION NUMBER RI-28 LOCATION I-90 (Toll Road), between Jct US 31 and SR 39 \*  
NUMBER OF SESSIONS 1 DATES 6/8/76 VEHICLES MEASURED 426  
AVERAGE SPEED (MPH) 58.4 STANDARD DEVIATION (MPH) 4.5  
MEDIAN SPEED (MPH) 57.5 85TH PERCENTILE SPEED (MPH) 62.1  
PERCENTAGE OF VEHICLES EXCEEDING:  
55 MPH: 76 60 MPH: 29 65 MPH: 7

\*at Olive Road

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Multi-lane, Divided (Rural)

STATION NUMBER 4L-17 LOCATION US 52, 1.0 mile west of Klondike

NUMBER OF SESSIONS 1 DATES 6/15/76 VEHICLES MEASURED 440

AVERAGE SPEED (MPH) 56.0 STANDARD DEVIATION (MPH) 6.7

MEDIAN SPEED (MPH) 55.9 85TH PERCENTILE SPEED (MPH) 61.7

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH: 55 60 MPH: 24 65 MPH: 6

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Multi-lane, Divided (Rural)

STATION NUMBER 4L-18 LOCATION US 52, 1.4 miles south of Kentland

NUMBER OF SESSIONS 1 DATES 6/4/76 VEHICLES MEASURED 430

AVERAGE SPEED (MPH) 58.1 STANDARD DEVIATION (MPH) 6.0

MEDIAN SPEED (MPH) 57.1 85TH PERCENTILE SPEED (MPH) 63.0

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH: 70 60 MPH: 30 65 MPH: 9

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Multi-lane, Divided (Rural)

STATION NUMBER 4L-19 LOCATION US 52, 4.3 miles north of Kentland

NUMBER OF SESSIONS 1 DATES 6/18/76 VEHICLES MEASURED 439

AVERAGE SPEED (MPH) 57.4 STANDARD DEVIATION (MPH) 6.1

MEDIAN SPEED (MPH) 56.8 85TH PERCENTILE SPEED (MPH) 63.0

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH: 65 60 MPH: 29 65 MPH: 8

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Multi-lane, Divided (Rural)  
STATION NUMBER 4L-32 LOCATION US 30, 2.0 miles east of Junction of SR 49  
NUMBER OF SESSIONS 1 DATES 6/3/76 VEHICLES MEASURED 423  
AVERAGE SPEED (MPH) 56.6 STANDARD DEVIATION (MPH) 4.5  
MEDIAN SPEED (MPH) 56.0 85TH PERCENTILE SPEED (MPH) 60.6  
PERCENTAGE OF VEHICLES EXCEEDING:  
55 MPH: 61 60 MPH: 18 65 MPH: 4

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Two-lane, Rural  
STATION NUMBER 2L-18 LOCATION US 35, 1.5 miles east of Junction of I-69  
NUMBER OF SESSIONS 1 DATES 6/2/76 VEHICLES MEASURED 433  
AVERAGE SPEED (MPH) 55.4 STANDARD DEVIATION (MPH) 5.9  
MEDIAN SPEED (MPH) 54.8 85TH PERCENTILE SPEED (MPH) 60.6

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH: 49 60 MPH: 19 65 MPH: 4

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Two-lane, Rural  
STATION NUMBER 2L-54 LOCATION US 231, 1.0 mile south of Junction of SR 234  
NUMBER OF SESSIONS 1 DATES 6/25/76 VEHICLES MEASURED 421  
AVERAGE SPEED (MPH) 56.4 STANDARD DEVIATION (MPH) 6.8  
MEDIAN SPEED (MPH) 55.7 85TH PERCENTILE SPEED (MPH) 60.9

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH: 55 60 MPH: 19 65 MPH: 7

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Two-lane, Rural  
STATION NUMBER 2L-56 LOCATION SR 24, 3 miles east of Junction US 41  
NUMBER OF SESSIONS 1 DATES 6/7/76 VEHICLES MEASURED 421  
AVERAGE SPEED (MPH) 56.2 STANDARD DEVIATION (MPH) 5.9  
MEDIAN SPEED (MPH) 56.1 85TH PERCENTILE SPEED (MPH) 61.5

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH: 58 60 MPH: 22 65 MPH: 5



## SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Two-lane, Rural  
STATION NUMBER 2L-62 LOCATION SR 37, 1.4 mile north of SR 237  
NUMBER OF SESSIONS 1 DATES 6/11/76 VEHICLES MEASURED 420  
AVERAGE SPEED (MPH) 50.7 STANDARD DEVIATION (MPH) 6.7  
MEDIAN SPEED (MPH) 50.1 85TH PERCENTILE SPEED (MPH) 56.6  
PERCENTAGE OF VEHICLES EXCEEDING:  
55 MPH: 22 60 MPH: 6 65 MPH: 2

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Interstate, Urban

STATION NUMBER UI-4 LOCATION I-465, Indianapolis, NW corner south to SE corner\*

NUMBER OF SESSIONS 1 DATES 6/1/76 VEHICLES MEASURED 423

AVERAGE SPEED (MPH) 56.8 STANDARD DEVIATION (MPH) 4.8

MEDIAN SPEED (MPH) 56.1 85TH PERCENTILE SPEED (MPH) 60.7

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH: 60 60 MPH: 20 65 MPH: 3

\*at milepost 015

SPEED MONITORING STATION SUMMARY

HIGHWAY CATEGORY Interstate, Urban

STATION NUMBER UI-6 LOCATION I-65 in Indianapolis, just east of White River Bridge

NUMBER OF SESSIONS 1 DATES 6/17/76 VEHICLES MEASURED 445

AVERAGE SPEED (MPH) 57.3 STANDARD DEVIATION (MPH) 5.5

MEDIAN SPEED (MPH) 57.0 85TH PERCENTILE SPEED (MPH) 62.0

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH: 67 60 MPH: 26 65 MPH: 4



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