

**HIGHWAY FACTORS FACTUAL REPORT  
MIAMI, OK.;6/26/2009  
HWY-09-MH015  
FATAL TRUCK ACCIDENT  
ATTACHMENT C  
WILL ROGERS TURNPIKE SPEED STUDY  
(3) PAGES**

# Traffic Speed Study



Traffic Engineering Division  
 Collision Analysis & Safety Branch  
 Phone: (405) 522-0985  
 Report Printed On: 7/2/2009

## Speed Transition Study

1-044

Site Number: 01

Date: 07/02/09 Time: 11:11am to 11:22am

Location: Rural, OK

County (58): Ottawa Control Section: 01 Mileage: 23.46

Roadway Width: 48 feet

Shoulder Width: 12 feet

Number of Lanes: 4

Speed Limit: 75 MPH

Number of Vehicles Observed: 200

Type of Area: Rural

### SPEED ANALYSIS - EAST BOUND

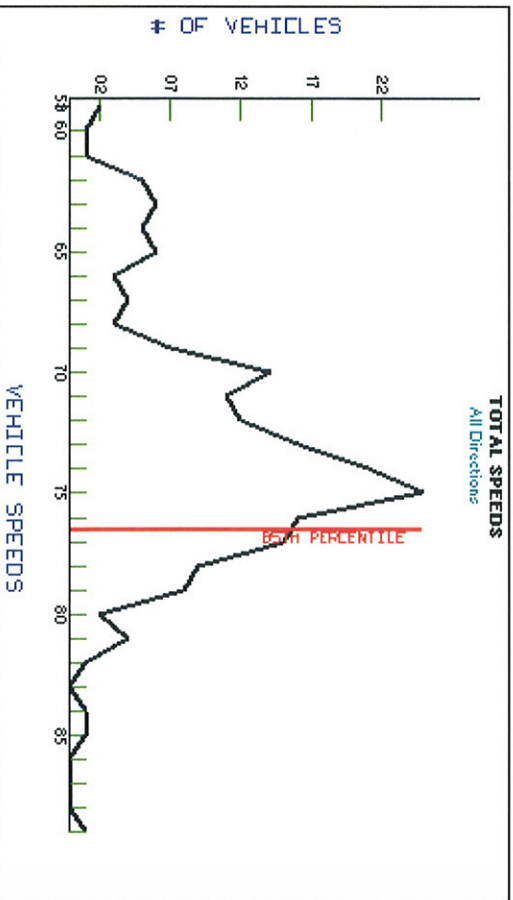
VEHICLE CLASS	SAMPLE SIZE	MEDIAN SPEED	AVERAGE SPEED	85TH PERCENTILE	STANDARD DEVIATION
Cars/Pickups	158	74	74	78	4.725
Cars/Pickups + Trailers	0				
Single-Unit Trucks	0				
Semi-Trucks	42	70	69	78	4.935
Buses	0				
Motorcycles	0				
Others	0				

### SPEED ANALYSIS - WEST BOUND

VEHICLE CLASS	SAMPLE SIZE	MEDIAN SPEED	AVERAGE SPEED	85TH PERCENTILE	STANDARD DEVIATION
Cars/Pickups	0				
Cars/Pickups + Trailers	0				
Single-Unit Trucks	0				
Semi-Trucks	0				
Buses	0				
Motorcycles	0				
Others	0				

### DATA - Total No. of Vehicles by Classification

SPEEDS	CARS PICKUPS	VEH. w/ TRAILERS	SINGLE UNITS	SEMI TRUCKS	BUSES	MOTOR CYCLES	OTHER VEH.
59 mph	1			1			
60 mph	1						
61 mph							
62 mph	1			1			
63 mph	4			2			
64 mph	2			3			
65 mph	4			2			
66 mph	2			1			
67 mph	3			1			
68 mph	2			1			
69 mph	3			4			
70 mph	6			8			
71 mph	10			1			
72 mph	11			1			
73 mph	12			4			
74 mph	17			4			
75 mph	24			1			
76 mph	15			1			
77 mph	15						
78 mph	9						
79 mph	6			2			
80 mph	2						
81 mph	4						
82 mph	1						
84 mph	1						
86 mph	1						
89 mph	1						



# Traffic Speed Study



Traffic Engineering Division  
 Collision Analysis & Safety Branch  
 Phone: (405) 522-0985  
 Report Printed On: 7/2/2009

## Speed Transition Study

I-044

Site Number: 02

Date: 07/02/09 Time: 11:55am to 00:06pm

Location: Rural, OK

County (58): Ottawa Control Section: 01 Mileage: 23.46

Roadway Width: 48 feet  
 Shoulder Width: 12 feet

Number of Lanes: 4

Speed Limit: 75 MPH

Number of Vehicles Observed: 200

Type of Area: Rural

### SPEED ANALYSIS - EAST BOUND

VEHICLE CLASS	SAMPLE SIZE	MEDIAN SPEED	AVERAGE SPEED	85TH PERCENTILE	STANDARD DEVIATION
Cars/Pickups	148	71	72	76	4.298
Cars/Pickups + Trailers	0				
Single-Unit Trucks	0				
Semi-Trucks	52	70	70	76	4.474
Buses	0				
Motorcycles	0				
Others	0				

### SPEED ANALYSIS - WEST BOUND

VEHICLE CLASS	SAMPLE SIZE	MEDIAN SPEED	AVERAGE SPEED	85TH PERCENTILE	STANDARD DEVIATION
Cars/Pickups	0				
Cars/Pickups + Trailers	0				
Single-Unit Trucks	0				
Semi-Trucks	0				
Buses	0				
Motorcycles	0				
Others	0				

### DATA - Total No. of Vehicles by Classification

SPEEDS	CARS PICKUPS	VEH. w/ TRAILERS	SINGLE UNITS	SEMI TRUCKS	BUSES	MOTOR CYCLES	OTHER VEH.
61 mph	1						
62 mph	1						
63 mph	2			4			
64 mph	2			1			
65 mph	8			3			
66 mph	3			3			
67 mph	5			6			
68 mph	10			5			
69 mph	15			1			
70 mph	12			6			
71 mph	17			7			
72 mph	9			1			
73 mph	9			5			
74 mph	14			2			
75 mph	9			2			
76 mph	11			1			
77 mph	9			3			
78 mph	3						
79 mph	3						
80 mph	3						
81 mph				1			
82 mph	1						
83 mph				1			
84 mph	1						

