



Highway Factors Attachment 5
Florida Vehicle Spot Speed Study
Williston, FL
HWY16FH018
(2 pages)

State of Florida Department of Transportation
VEHICLE SPOT SPEED STUDY

Form 750-010-03
TRAFFIC ENGINEERING
10/15

General Information				Site Information			
Analyst/Observer:		<u>A Poole/R. Evans</u>		Location:		<u>US ALT 27 @ 140 Ct (5 miles west of Williston)</u>	
Agency or Company:		<u>FDOT</u>		City:		<u>Williston</u>	
Date Performed:		<u>Wednesday, August 24, 2016</u>		County:		<u>Levy</u>	
Time Period From:		<u>1:59PM</u>	To:	<u>3:15PM</u>	Roadway ID:		<u>34010</u>
Weather/Road Condition:		<u>Dry</u>		Milepost :		<u>MP 29.076</u>	
Posted Speed (mph):		<u>65 MPH</u>		Remarks:		<u>Study paused 2:17PM - 2:51PM (Law Enforcement)</u>	

Vehicles traveling		WEST bound				Speed (mph)	Vehicles traveling				EAST bound				Both Directions	
Cum Total	Total	20	15	10	5		5	10	15	20	Total	Cum Total	Total	Cum Total		
104	1					≥ 80										
103	1					78 - 79.9									1	208
102	2					76 - 77.9									2	207
						74 - 75.9										
100	3					72 - 73.9	1	1	1	1					5	105
97	8					70 - 71.9	1	1	1	1	1				6	100
89	13					68 - 69.9	1	1	1	1	1	1	1	1	11	94
76	18	1	1	1	1	66 - 67.9	1	1	1	1	1	1	1	1	18	83
58	20	1	1	1	1	64 - 65.9	1	1	1	1	1	1	1	1	15	65
38	20	1	1	1	1	62 - 63.9	1	1	1	1	1	1	1	1	17	50
18	7					60 - 61.9	1	1	1	1	1	1	1	1	11	33
11	8					58 - 59.9	1	1	1	1	1	1	1		8	22
						56 - 57.9	1	1	1	1					5	14
						54 - 55.9	1	1	1	1					4	9
3	2					52 - 53.9	1	1	1	1					4	5
						50 - 51.9	1								1	1
1	1					48 - 49.9	1									
						46 - 47.9										
						44 - 45.9										
						42 - 43.9										
						40 - 41.9										
						38 - 39.9										
						36 - 37.9										
						34 - 35.9										
						32 - 33.9										
						30 - 31.9										
						28 - 29.9										
						26 - 27.9										
						24 - 25.9										
						22 - 23.9										
						20 - 21.9										
						18 - 19.9										
						16 - 17.9										
						14 - 15.9										
						12 - 13.9										
						10 - 11.9										
						≤ 10										
104		TOTALS										105	209			

Travel Direction 1 →	WEST	Speed Data Summary	EAST	← Travel Direction 2	Both Directions
	88	85th Percentile Vehicle	89		178
	69	85th Percentile Speed	69		69
	62-72	10 mph Pace	60-70		60-70
	OK		OK		OK