

TABLE C33.1a
Year 2017 Seminole County Travel Time & Delay Study
Longwood Lake Mary Road - Northbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment		Roadway Section		Roadway Summary	
							Average Speed		Average Speed		Avg. Speed (mph)	Avg. Fuel Consump.
							(mph)	LOS	(mph)	LOS		
AM PEAK HOUR												
CR 427 to Joyful Blossom Pl.	40	1,795	SS Stop	37.8	0.0	I	32.4	B				
Joyful Blossom Pl. to Greenway Blvd.	40	3,221	Signal	85.2	22.2	I	25.8	C	27.8	C		
Greenway Blvd. to Lake Mary H.S.	40	1,109	Signal	28.8	4.2	I	26.2	C				
Lake Mary H.S. to Lake Way Rd.	40	3,274	Signal	67.8	1.2	I	32.9	B				
Lake Way Rd. to Lake Mary Blvd.	35	3,907	Signal	138.0	27.0	II	19.3	C	24.1	B		
TOTAL		13,306		357.6	54.6						25.4	0.089 gal/veh
PM PEAK HOUR												
CR 427 to Joyful Blossom Pl.	40	1,795	SS Stop	41.4	0.0	I	29.6	C				
Joyful Blossom Pl. to Greenway Blvd.	40	3,221	Signal	64.2	1.2	I	34.2	B	32.4	B		
Greenway Blvd. to Lake Mary H.S.	40	1,109	Signal	22.2	0.0	I	34.1	B				
Lake Mary H.S. to Lake Way Rd.	40	3,274	Signal	66.0	3.6	I	33.8	B				
Lake Way Rd. to Lake Mary Blvd.	35	3,907	Signal	224.4	105.0	II	11.9	E	18.1	C		
TOTAL		13,306		418.2	109.8						21.7	0.089 gal/veh

TABLE C33.1b
Year 2017 Seminole County Travel Time & Delay Study
Longwood Lake Mary Road - Southbound Direction Summary

Roadway Segment	Speed Limit (mph)	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment		Roadway Section		Roadway Summary	
							Average Speed		Average Speed		Avg. Speed (mph)	Avg. Fuel Consump.
							(mph)	LOS	(mph)	LOS		
AM PEAK HOUR												
Lake Mary Blvd. to Lake Way Rd.	40	3,907	Signal	78.6	2.4	I	33.9	B				
Lake Way Rd. to Lake Mary H.S.	40	3,274	Signal	67.2	5.4	I	33.2	B				
Lake Mary H.S. to Greenway Blvd.	40	1,109	Signal	43.2	13.2	I	17.5	E	29.9	C		
Greenway Blvd. to Joyful Blossom Pl.	40	3,221	SS Stop	61.8	0.0	I	35.5	B				
Joyful Blossom Pl. to CR 427	40	1,795	Signal	53.4	12.0	I	22.9	D	29.7	C		
TOTAL		13,306		304.2	33.0						29.8	0.089 gal/veh
PM PEAK HOUR												
Lake Mary Blvd. to Lake Way Rd.	40	3,907	Signal	90.0	1.2	I	29.6	C				
Lake Way Rd. to Lake Mary H.S.	40	3,274	Signal	69.6	4.8	I	32.1	B				
Lake Mary H.S. to Greenway Blvd.	40	1,109	Signal	52.8	6.6	I	14.3	F	26.6	C		
Greenway Blvd. to Joyful Blossom Pl.	40	3,221	SS Stop	63.0	0.0	I	34.9	B				
Joyful Blossom Pl. to CR 427	40	1,795	Signal	58.2	16.8	I	21.0	D	28.2	C		
TOTAL		13,306		333.6	29.4						27.2	0.090 gal/veh