

TABLE C16.1a
Year 2015 Seminole County Travel Time & Delay Study
Lake Emma 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												
Longwood Hills Rd. to Danbury Rd.	40	1,478	Stop	28.8	0.0	II	35.0	B				
Danbury Rd. to Equestrian Club Ln.	40	3,432	Stop	60.0	0.0	II	39.0	A				
Equestrian Club Ln. to Greenway Blvd.	40	2,429	Signal	60.6	10.2	II	27.3	C	33.5	B		
Greenway Blvd. to Technology Dr.	45	1,584	Signal	33.0	3.6	II	32.7	B	32.7	B		
Technology Dr. to Sand Pond Rd.	45	1,478	Signal	42.6	3.6	II	23.7	C				
Sand Pond Rd. to Greenwood Blvd.	45	2,798	Signal	91.2	15.6	II	20.9	D	21.8	D		
Greenwood Blvd. to Lake Mary Center	45/35	1,690	Signal	37.8	2.4	II	30.5	B	30.5	B		
Lake Mary Center to Lake Mary Blvd.	35	845	Signal	111.6	68.4	III	5.2	F	5.2	F		
TOTAL		15,734		465.6	103.8						23.0	0.105 gal/veh
PM PEAK HOUR												
Longwood Hills Rd. to Danbury Rd.	40	1,478	Stop	29.4	0.0	II	34.3	B				
Danbury Rd. to Equestrian Club Ln.	40	3,432	Stop	60.0	0.0	II	39.0	A				
Equestrian Club Ln. to Greenway Blvd.	40	2,429	Signal	60.6	9.6	II	27.3	C	33.4	B		
Greenway Blvd. to Technology Dr.	45	1,584	Signal	34.8	3.6	II	31.0	B	31.0	B		
Technology Dr. to Sand Pond Rd.	45	1,478	Signal	35.4	3.6	II	28.5	B				
Sand Pond Rd. to Greenwood Blvd.	45	2,798	Signal	94.8	29.4	II	20.1	D	22.4	C		
Greenwood Blvd. to Lake Mary Center	45/35	1,690	Signal	82.2	15.6	II	14.0	E	14.0	E		
Lake Mary Center to Lake Mary Blvd.	35	845	Signal	112.8	87.6	III	5.1	F	5.1	F		
TOTAL		15,734		510.0	149.4						21.0	0.106 gal/veh

TABLE C16.1b
Year 2015 Seminole County Travel Time & Delay Study
Lake Emma 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 Mary Center	35	845	Signal	21.0	3.0	III	27.4	B	27.4	B		
Lake Mary Center to Greenwood Blvd.	45	1,690	Signal	34.8	3.6	II	33.1	B	33.1	B		
Greenwood Blvd. to Sand Pond Rd.	45	2,798	Signal	49.8	3.0	II	38.3	A	38.3	A		
Sand Pond Rd. to Technology Dr.	45	1,478	Signal	32.4	6.0	II	31.1	B	31.1	B		
Technology Dr. to Greenway Blvd.	45	1,584	Signal	30.6	1.2	II	35.3	A				
Greenway Blvd. to Equestrian Club Ln.	40	2,429	Stop	45.0	0.0	II	36.8	A				
Equestrian Club Ln. to Danbury Rd.	40	3,432	Stop	61.2	0.0	II	38.2	A				
Danbury Rd. to Longwood Hills Rd.	40	1,478	Signal	36.0	3.0	II	28.0	C	35.2	A		
TOTAL		15,734		310.8	19.8						34.5	0.104 gal/veh
PM PEAK HOUR												
Lake Mary Blvd. to Lake Mary Center	35	845	Signal	20.4	3.6	III	28.2	B	28.2	B		
Lake Mary Center to Greenwood Blvd.	45	1,690	Signal	52.2	16.8	II	22.1	C	22.1	C		
Greenwood Blvd. to Sand Pond Rd.	45	2,798	Signal	48.6	0.0	II	39.3	A	39.3	A		
Sand Pond Rd. to Technology Dr.	45	1,478	Signal	37.8	9.0	II	26.7	C	26.7	C		
Technology Dr. to Greenway Blvd.	45	1,584	Signal	29.4	0.0	II	36.7	A	36.7	A		
Greenway Blvd. to Equestrian Club Ln.	40	2,429	Stop	46.8	0.6	II	35.4	A				
Equestrian Club Ln. to Danbury Rd.	40	3,432	Stop	65.4	2.4	II	35.8	A				
Danbury Rd. to Longwood Hills Rd.	40	1,478	Signal	39.0	7.2	II	25.8	C	33.7	B		
TOTAL		15,734		339.6	39.6						31.6	0.104 gal/veh