

TABLE C16.1a
Year 2017 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	SS Stop	31.8	0.0	I	31.7	B				
Danbury Rd. to Equestrian Club Ln.	40	3,432	SS Stop	61.8	0.0	I	37.9	B				
Equestrian Club Ln. to Greenway Blvd.	40	2,429	Signal	76.8	25.8	I	21.6	D	29.4	C		
Greenway Blvd. to Technology Dr.	45	1,584	Signal	33.0	0.0	I	32.7	B	32.7	B		
Technology Dr. to Sand Pond Rd.	45	1,478	Signal	28.8	0.0	I	35.0	B				
Sand Pond Rd. to Greenwood Blvd.	45	2,798	Signal	88.2	22.2	I	21.6	D	24.9	C		
Greenwood Blvd. to Lake Mary Center	45/35	1,690	Signal	33.6	0.0	I	34.3	B	34.3	B		
Lake Mary Center to Lake Mary Blvd.	35	845	Signal	144.6	84.6	II	4.0	F	4.0	F		
TOTAL		15,734		498.6	132.6						21.5	0.106 gal/veh
PM PEAK HOUR												
Longwood Hills Rd. to Danbury Rd.	40	1,478	SS Stop	30.6	0.0	I	32.9	B				
Danbury Rd. to Equestrian Club Ln.	40	3,432	SS Stop	60.6	0.0	I	38.6	B				
Equestrian Club Ln. to Greenway Blvd.	40	2,429	Signal	73.2	22.8	I	22.6	D	30.4	C		
Greenway Blvd. to Technology Dr.	45	1,584	Signal	30.6	0.0	I	35.3	B	35.3	B		
Technology Dr. to Sand Pond Rd.	45	1,478	Signal	35.4	4.8	I	28.5	C				
Sand Pond Rd. to Greenwood Blvd.	45	2,798	Signal	122.4	40.2	I	15.6	E	18.5	D		
Greenwood Blvd. to Lake Mary Center	45/35	1,690	Signal	100.8	58.8	I	11.4	F	11.4	F		
Lake Mary Center to Lake Mary Blvd.	35	845	Signal	155.4	129.0	II	3.7	F	3.7	F		
TOTAL		15,734		609.0	255.6						17.6	0.107 gal/veh

TABLE C16.1b
Year 2017 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	27.0	6.6	II	21.3	C	21.3	C		
Lake Mary Center to Greenwood Blvd.	45	1,690	Signal	55.8	9.6	I	20.6	D	20.6	D		
Greenwood Blvd. to Sand Pond Rd.	45	2,798	Signal	51.0	0.0	I	37.4	B	37.4	B		
Sand Pond Rd. to Technology Dr.	45	1,478	Signal	34.2	1.8	I	29.5	C	29.5	C		
Technology Dr. to Greenway Blvd.	45	1,584	Signal	30.0	0.0	I	36.0	B				
Greenway Blvd. to Equestrian Club Ln.	40	2,429	SS Stop	45.0	0.0	I	36.8	B				
Equestrian Club Ln. to Danbury Rd.	40	3,432	SS Stop	63.0	0.0	I	37.1	B				
Danbury Rd. to Longwood Hills Rd.	40	1,478	Signal	79.2	26.4	I	12.7	F	28.0	C		
TOTAL		15,734		385.2	44.4						27.8	0.106 gal/veh
PM PEAK HOUR												
Lake Mary Blvd. to Lake Mary Center	35	845	Signal	40.8	13.2	II	14.1	D	14.1	D		
Lake Mary Center to Greenwood Blvd.	45	1,690	Signal	81.6	45.0	I	14.1	F	14.1	F		
Greenwood Blvd. to Sand Pond Rd.	45	2,798	Signal	54.0	2.4	I	35.3	B	35.3	B		
Sand Pond Rd. to Technology Dr.	45	1,478	Signal	32.4	5.4	I	31.1	B	31.1	B		
Technology Dr. to Greenway Blvd.	45	1,584	Signal	31.8	2.4	I	34.0	B	34.0	B		
Greenway Blvd. to Equestrian Club Ln.	40	2,429	SS Stop	42.6	0.0	I	38.9	B				
Equestrian Club Ln. to Danbury Rd.	40	3,432	SS Stop	61.8	0.0	I	37.9	B				
Danbury Rd. to Longwood Hills Rd.	40	1,478	Signal	36.0	4.8	I	28.0	C	35.3	B		
TOTAL		15,734		381.0	73.2						28.2	0.104 gal/veh