

**TABLE C16.1a**  
**Year 2008 Seminole County Travel Time & Delay Study**  
**Lake Emma Road - Northbound Direction Summary**

Roadway Segment	Speed Limit	Distance (ft)	Traffic Control	Travel Time	Stop Delay	Roadway Class	Roadway Segment		Roadway Section		Roadway Summary	
	(mph)		Device	(sec)	(sec)		Average Speed		Average Speed		Avg. Speed (mph)	Avg. Fuel Consump.
							(mph)	LOS	(mph)	LOS		
<b>AM PEAK HOUR</b>												
Longwood Hills Rd. to Danbury Rd.	45	1,559	Stop	30.0	6.0	II	35.4	A				
Danbury Rd. to Equestrian Club Lane	45	3,379	Stop	57.0	5.7	II	40.4	A				
Equestrian Club Lane to Greenway Blvd.	45	2,414	Signal	53.0	16.0	II	31.1	B	35.8	A		
Greenway Blvd to Technology Dr	45	1,596	Signal	29.8	5.5	II	36.5	A	36.5	A		
Technology Dr to Sand Pond Rd	45	1,484	Signal	28.7	5.7	II	35.3	A				
Sand Pond Rd. to Greenwood Blvd.	45	2,755	Signal	47.3	6.2	II	39.7	A	38.0	A		
Greenwood Blvd. to Lake Mary Center	45	1,645	Signal	31.8	6.8	II	35.2	A	35.2	A		
Lake Mary Center to Lake Mary Blvd.	35	793	Signal	53.0	40.8	II	10.2	F	10.2	F		
<b>TOTAL</b>		15,625		330.6	92.7						32.2	0.14 gal/veh
<b>PM PEAK HOUR</b>												
Longwood Hills Rd. to Danbury Rd.	45	1,482	Stop	27.8	4.8	II	36.3	A				
Danbury Rd. to Equestrian Club Lane	45	3,445	Stop	58.8	6.5	II	39.9	A				
Equestrian Club Lane to Greenway Blvd.	45	2,398	Signal	56.3	19.8	II	29.0	B	34.9	B		
Greenway Blvd to Technology Dr	45	1,613	Signal	54.0	29.0	II	20.4	D	20.4	D		
Technology Dr to Sand Pond Rd	45	1,478	Signal	38.8	16.2	II	26.0	C				
Sand Pond Rd. to Greenwood Blvd.	45	2,751	Signal	100.3	58.3	II	18.7	D	20.7	D		
Greenwood Blvd. to Lake Mary Center	45	1,651	Signal	66.8	41.8	II	16.8	E	16.8	E		
Lake Mary Center to Lake Mary Blvd.	35	780	Signal	49.0	37.0	II	10.9	F	10.9	F		
<b>TOTAL</b>		15,598		451.8	213.4						23.5	0.18 gal/veh

**TABLE C16.1b**  
**Year 2008 Seminole County Travel Time & Delay Study**  
**Lake Emma Road - Southbound Direction Summary**

Roadway Segment	Speed Limit	Distance (ft)	Traffic Control	Travel Time	Stop Delay	Roadway Class	Roadway Segment		Roadway Section		Roadway Summary	
	(mph)		Device	(sec)	(sec)		Average Speed		Average Speed		Avg. Speed (mph)	Avg. Fuel Consump.
							(mph)	LOS	(mph)	LOS		
<b>AM PEAK HOUR</b>												
Lake Mary Blvd. to Lake Mary Center	35	815	Signal	20.2	7.5	II	27.6	C	27.6	C		
Lake Mary Center to Greenwood Blvd.	45	1,629	Signal	36.2	11.2	II	30.7	B	30.7	B		
Greenwood Blvd. to Sand Pond Rd.	45	2,798	Signal	53.5	11.0	II	35.7	A	35.7	A		
Sand Pond Rd to Technology Dr	45	1,464	Signal	34.3	12.3	II	29.1	B	29.1	B		
Technology Dr to Greenway Blvd	45	1,635	Signal	36.5	11.3	II	30.5	B				
Greenway Blvd. to Equestrian Club Lane	45	2,477	Stop	42.5	4.5	II	39.7	A				
Equestrian Club Lane to Danbury Rd.	45	3,454	Stop	58.8	6.0	II	40.0	A				
Danbury Rd. to Longwood Hills Rd.	45	1,412	Signal	29.5	8.2	II	32.6	B	36.6	A		
<b>TOTAL</b>		15,684		311.5	72.0						34.3	0.14 gal/veh
<b>PM PEAK HOUR</b>												
Lake Mary Blvd. to Lake Mary Center	35	743	Signal	29.2	17.5	II	17.4	D	17.4	D		
Lake Mary Center to Greenwood Blvd.	45	1,634	Signal	39.2	14.3	II	28.4	B	28.4	B		
Greenwood Blvd. to Sand Pond Rd.	45	2,821	Signal	65.3	22.3	II	29.4	B	29.4	B		
Sand Pond Rd to Technology Dr	45	1,437	Signal	34.2	12.2	II	28.7	B	28.7	B		
Technology Dr to Greenway Blvd	45	1,649	Signal	31.0	5.8	II	36.3	A				
Greenway Blvd. to Equestrian Club Lane	45	2,478	Stop	44.2	6.2	II	38.3	A				
Equestrian Club Lane to Danbury Rd.	45	3,454	Stop	64.2	11.5	II	36.7	A				
Danbury Rd. to Longwood Hills Rd.	45	1,405	Signal	95.7	74.3	II	10.0	F	26.1	C		
<b>TOTAL</b>		15,621		403.0	164.1						26.4	0.16 gal/veh