

TABLE C21.1a
Year 2015 Seminole County Travel Time & Delay Study
Markham Woods 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	Avg. Fuel
							(mph)	LOS	(mph)	LOS	(mph)	Consump.
AM PEAK HOUR												
SR 434 to Spring Landing Blvd.	45	5,174	Stop	88.8	0.0	II	39.7	A	39.7	A		
Spring Landing Blvd. to EE Williamson Rd.	45/35	4,118	Signal	108.0	20.4	II	26.0	C	26.0	C		
EE Williamson Rd. to Wingfield Dr./Glen Ethel Ln.	35/45	3,643	Stop	68.4	3.6	II	36.3	A				
Wingfield Dr./Glen Ethel Ln. to Wingfield Dr./Markham Glen Cir.	45	2,957	Stop	47.4	0.0	II	42.5	A				
Wingfield Dr./Markham Glen Cir. To Vista Oak Dr.	45	3,802	Stop	66.0	0.6	II	39.3	A				
Vista Oak Dr. to Alaqua Dr.	45	1,478	Stop	23.4	0.0	II	43.1	A				
Alaqua Dr. to Lake Mary Blvd.	45	4,594	Signal	109.2	22.2	II	28.7	B	35.7	A		
Lake Mary Blvd. to Bridgewater Dr.	45	2,323	Stop	40.2	0.0	II	39.4	A				
Bridgewater Dr. to Greentree Ln.	45	2,218	Stop	35.4	0.0	II	42.7	A				
Greentree Ln. to Carter Rd.	45	4,224	Stop	67.8	0.0	II	42.5	A				
Carter Rd. to Markham Rd.	45	4,699	Stop	117.6	27.0	II	27.2	C	35.2	A		
TOTAL		39,230		772.2	73.8						34.6	0.255 gal/veh
PM PEAK HOUR												
SR 434 to Spring Landing Blvd.	45	5,174	Stop	86.4	0.0	II	40.8	A	40.8	A		
Spring Landing Blvd. to EE Williamson Rd.	45/35	4,118	Signal	101.4	24.0	II	27.7	C	27.7	C		
EE Williamson Rd. to Wingfield Dr./Glen Ethel Ln.	35/45	3,643	Stop	63.0	0.0	II	39.4	A				
Wingfield Dr./Glen Ethel Ln. to Wingfield Dr./Markham Glen Cir.	45	2,957	Stop	46.8	0.0	II	43.1	A				
Wingfield Dr./Markham Glen Cir. To Vista Oak Dr.	45	3,802	Stop	61.2	0.0	II	42.4	A				
Vista Oak Dr. to Alaqua Dr.	45	1,478	Stop	23.4	0.0	II	43.1	A				
Alaqua Dr. to Lake Mary Blvd.	45	4,594	Signal	124.8	29.4	II	25.1	C	35.2	A		
Lake Mary Blvd. to Bridgewater Dr.	45	2,323	Stop	39.6	0.0	II	40.0	A				
Bridgewater Dr. to Greentree Ln.	45	2,218	Stop	36.0	0.0	II	42.0	A				
Greentree Ln. to Carter Rd.	45	4,224	Stop	71.4	0.0	II	40.3	A				
Carter Rd. to Markham Rd.	45	4,699	Stop	85.2	1.2	II	37.6	A	39.5	A		
TOTAL		39,230		739.2	54.6						36.2	0.254 gal/veh

TABLE C21.2a
Year 2015 Seminole County Travel Time & Delay Study
Markham Woods 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	Avg. Fuel
							(mph)	LOS	(mph)	LOS	(mph)	Consump.
AM PEAK HOUR												
Markham Rd. to Carter Rd.	45	4,699	Stop	89.4	0.0	II	35.8	A				
Carter Rd. to Greentree Ln.	45	4,224	Stop	71.4	0.0	II	40.3	A				
Greentree Ln. to Bridgewater Dr.	45	2,218	Stop	34.8	0.0	II	43.4	A				
Bridgewater Dr. to Lake Mary Blvd.	45	2,323	Signal	63.6	18.0	II	24.9	C	35.4	A		
Lake Mary Blvd. to Alaqua Dr.	45	4,594	Stop	73.2	0.0	II	42.8	A				
Alaqua Dr. to Vista Oak Dr.	45	1,478	Stop	22.8	0.0	II	44.2	A				
Vista Oak Dr. to Wingfield Dr./Markham Glen Cir.	45	3,802	Stop	58.8	0.0	II	44.1	A				
Wingfield Dr./Markham Glen Cir. to Wingfield Dr./Glen Ethel Ln.	45	2,957	Stop	48.0	0.0	II	42.0	A				
Wingfield Dr./Glen Ethel Ln. to EE Williamson Rd.	45/35	3,643	Signal	85.8	8.4	II	29.0	B	38.9	A		
EE Williamson Rd. to Spring Landing Blvd.	35/45	4,118	Stop	72.6	0.0	II	38.7	A	38.7	A		
Spring Landing Blvd. to SR 434	45	5,174	Signal	196.2	36.6	II	18.0	D	18.0	D		
TOTAL		39,230		816.6	63.0						32.8	0.255 gal/veh
PM PEAK HOUR												
Markham Rd. to Carter Rd.	45	4,699	Stop	88.2	0.0	II	36.3	A				
Carter Rd. to Greentree Ln.	45	4,224	Stop	72.6	0.0	II	39.7	A				
Greentree Ln. to Bridgewater Dr.	45	2,218	Stop	36.0	0.0	II	42.0	A				
Bridgewater Dr. to Lake Mary Blvd.	45	2,323	Signal	60.6	11.4	II	26.1	C	35.7	A		
Lake Mary Blvd. to Alaqua Dr.	45	4,594	Stop	73.8	0.0	II	42.4	A				
Alaqua Dr. to Vista Oak Dr.	45	1,478	Stop	22.8	0.0	II	44.2	A				
Vista Oak Dr. to Wingfield Dr./Markham Glen Cir.	45	3,802	Stop	58.2	0.0	II	44.5	A				
Wingfield Dr./Markham Glen Cir. to Wingfield Dr./Glen Ethel Ln.	45	2,957	Stop	46.8	0.0	II	43.1	A				
Wingfield Dr./Glen Ethel Ln. to EE Williamson Rd.	45/35	3,643	Signal	89.4	7.2	II	27.8	C	38.6	A		
EE Williamson Rd. to Spring Landing Blvd.	35/45	4,118	Stop	66.0	0.0	II	42.5	A	42.5	A		
Spring Landing Blvd. to SR 434	45	5,174	Signal	145.8	31.2	II	24.2	C	24.2	C		
TOTAL		39,230		760.2	49.8						35.2	0.253 gal/veh