

TABLE C21.1a
Year 2017 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	SS Stop	82.2	0.0	I	42.9	A	42.9	A		
Spring Landing Blvd. to EE Williamson Rd.	45/35	4,118	Signal	94.2	14.4	I	29.8	C	29.8	C		
EE Williamson Rd. to Wingfield Dr./Glen Ethel Ln.	35/45	3,643	SS Stop	63.6	0.0	I	39.1	B				
Wingfield Dr./Glen Ethel Ln. to Wingfield Dr./Markham Glen Cir.	45	2,957	SS Stop	47.4	0.0	I	42.5	A				
Wingfield Dr./Markham Glen Cir. To Vista Oak Dr.	45	3,802	SS Stop	62.4	0.0	I	41.5	A				
Vista Oak Dr. to Alaqua Dr.	45	1,478	SS Stop	27.0	0.0	I	37.3	B				
Alaqua Dr. to Lake Mary Blvd.	45	4,594	Signal	127.8	19.8	I	24.5	C	34.2	B		
Lake Mary Blvd. to Bridgewater Dr.	45	2,323	SS Stop	40.8	0.0	I	38.8	B				
Bridgewater Dr. to Greentree Ln.	45	2,218	SS Stop	36.0	0.0	I	42.0	A				
Greentree Ln. to Carter Rd.	45	4,224	SS Stop	85.8	15.6	I	33.6	B				
Carter Rd. to Markham Rd.	45	4,699	ML Stop	106.2	11.4	I	30.2	C	34.2	B		
TOTAL		39,230		773.4	61.2						34.6	0.254 gal/veh
PM PEAK HOUR												
SR 434 to Spring Landing Blvd.	45	5,174	SS Stop	102.6	7.2	I	34.4	B	34.4	B		
Spring Landing Blvd. to EE Williamson Rd.	45/35	4,118	Signal	165.6	43.8	I	17.0	E	17.0	E		
EE Williamson Rd. to Wingfield Dr./Glen Ethel Ln.	35/45	3,643	SS Stop	65.4	0.0	I	38.0	B				
Wingfield Dr./Glen Ethel Ln. to Wingfield Dr./Markham Glen Cir.	45	2,957	SS Stop	48.0	0.0	I	42.0	A				
Wingfield Dr./Markham Glen Cir. To Vista Oak Dr.	45	3,802	SS Stop	61.2	0.0	I	42.4	A				
Vista Oak Dr. to Alaqua Dr.	45	1,478	SS Stop	22.8	0.0	I	44.2	A				
Alaqua Dr. to Lake Mary Blvd.	45	4,594	Signal	141.0	27.0	I	22.2	D	33.2	B		
Lake Mary Blvd. to Bridgewater Dr.	45	2,323	SS Stop	39.0	0.0	I	40.6	A				
Bridgewater Dr. to Greentree Ln.	45	2,218	SS Stop	35.4	0.0	I	42.7	A				
Greentree Ln. to Carter Rd.	45	4,224	SS Stop	66.0	0.0	I	43.6	A				
Carter Rd. to Markham Rd.	45	4,699	ML Stop	99.0	13.8	I	32.4	B	38.3	B		
TOTAL		39,230		846.0	91.8						31.6	0.258 gal/veh

TABLE C21.1b
Year 2017 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	SS Stop	87.6	0.0	I	36.6	B				
Carter Rd. to Greentree Ln.	45	4,224	SS Stop	93.6	11.4	I	30.8	C				
Greentree Ln. to Bridgewater Dr.	45	2,218	SS Stop	73.8	14.4	I	20.5	D				
Bridgewater Dr. to Lake Mary Blvd.	45	2,323	Signal	102.0	31.2	I	15.5	E	25.7	C		
Lake Mary Blvd. to Alaqua Dr.	45	4,594	SS Stop	87.0	1.8	I	36.0	B				
Alaqua Dr. to Vista Oak Dr.	45	1,478	SS Stop	58.8	21.6	I	17.1	E				
Vista Oak Dr. to Wingfield Dr./Markham Glen Cir.	45	3,802	SS Stop	180.0	47.4	I	14.4	F				
Wingfield Dr./Markham Glen Cir. to Wingfield Dr./Glen Ethel Ln.	45	2,957	SS Stop	149.4	36.6	I	13.5	F				
Wingfield Dr./Glen Ethel Ln. to EE Williamson Rd.	45/35	3,643	Signal	242.4	111.6	I	10.2	F	15.7	E		
EE Williamson Rd. to Spring Landing Blvd.	35/45	4,118	SS Stop	129.6	21.6	I	21.7	D	21.7	D		
Spring Landing Blvd. to SR 434	45	5,174	Signal	232.8	76.8	I	15.2	E	15.2	E		
TOTAL		39,230		1437.0	374.4						18.6	0.290 gal/veh
PM PEAK HOUR												
Markham Rd. to Carter Rd.	45	4,699	SS Stop	84.6	0.0	I	37.9	B				
Carter Rd. to Greentree Ln.	45	4,224	SS Stop	66.6	0.0	I	43.2	A				
Greentree Ln. to Bridgewater Dr.	45	2,218	SS Stop	34.2	0.0	I	44.2	A				
Bridgewater Dr. to Lake Mary Blvd.	45	2,323	Signal	74.4	8.4	I	21.3	D	35.3	B		
Lake Mary Blvd. to Alaqua Dr.	45	4,594	SS Stop	73.8	0.0	I	42.4	A				
Alaqua Dr. to Vista Oak Dr.	45	1,478	SS Stop	22.8	0.0	I	44.2	A				
Vista Oak Dr. to Wingfield Dr./Markham Glen Cir.	45	3,802	SS Stop	81.6	11.4	I	31.8	B				
Wingfield Dr./Markham Glen Cir. to Wingfield Dr./Glen Ethel Ln.	45	2,957	SS Stop	88.8	21.0	I	22.7	D				
Wingfield Dr./Glen Ethel Ln. to EE Williamson Rd.	45/35	3,643	Signal	162.6	67.2	I	15.3	E	26.1	C		
EE Williamson Rd. to Spring Landing Blvd.	35/45	4,118	SS Stop	149.4	37.8	I	18.8	D	18.8	D		
Spring Landing Blvd. to SR 434	45	5,174	Signal	281.4	107.4	I	12.5	F	12.5	F		
TOTAL		39,230		1120.2	253.2						23.9	0.267 gal/veh