

TABLE S3.1a
Year 2017 Seminole County Travel Time & Delay Study
SR 434 (Part A) - Eastbound 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 - Part A												
Maitland Blvd. to Gateway Dr.	45	1,478	Signal	27.6	0.0	I	36.5	B				
Gateway Dr. to Trailwood Dr./Lotus Landing Blvd.	45	2,323	Signal	37.2	0.0	I	42.6	A				
Trailwood Dr./Lotus Landing Blvd. to W. Town Pkwy.	45	2,904	Signal	48.0	0.0	I	41.2	A	40.5	A		
W. Town Pkwy. to Orange Ave.	45	1,320	Signal	30.0	3.0	I	30.0	C				
Orange Ave. to SR 436	45	1,267	Signal	69.6	40.8	I	12.4	F	17.7	A		
SR 436 to San Sebastian Prado	45	2,429	Signal	43.2	0.0	I	38.3	B				
San Sebastian Prado to Sand Lake Rd.	45	2,904	Signal	67.2	4.8	I	29.5	C	32.9	A		
Sand Lake Rd. to Jamestown Blvd.	45	1,003	Signal	37.8	15.0	I	18.1	D				
Jamestown Blvd. to E. Lake Brantley Dr.	45	2,534	Signal	63.6	7.8	I	27.2	C				
E. Lake Brantley Dr. to Wekiva Springs Ln.	45	2,270	Signal	132.6	45.6	I	11.7	F				
Wekiva Springs Ln. to Wekiva Springs Rd./Montgomery Rd.	45	1,267	Signal	145.2	70.8	I	6.0	F	12.7	A		
Wekiva Springs Rd./Montgomery Rd. to Gum St./Springs Blvd	45	581	Signal	12.6	0.0	I	31.4	B				
Gum St./Springs Blvd. to Sanlando Office Park	45	2,059	Signal	41.4	0.0	I	33.9	B				
Sanlando Office Park to Markham Woods Rd./Douglas Ave.	35	1,109	Signal	39.6	9.0	II	19.1	C	27.3	A		
TOTAL		25,450		795.6	196.8						21.8	0.176 gal/veh
PM PEAK HOUR - Part A												
Maitland Blvd. to Gateway Dr.	45	1,478	Signal	43.2	0.6	I	23.3	C				
Gateway Dr. to Trailwood Dr./Lotus Landing Blvd.	45	2,323	Signal	69.0	14.4	I	23.0	D				
Trailwood Dr./Lotus Landing Blvd. to W. Town Pkwy.	45	2,904	Signal	99.0	29.4	I	20.0	D	21.6	D		
W. Town Pkwy. to Orange Ave.	45	1,320	Signal	92.4	38.4	I	9.7	F				
Orange Ave. to SR 436	45	1,267	Signal	109.8	53.4	I	7.9	F	8.7	F		
SR 436 to San Sebastian Prado	45	2,429	Signal	48.0	1.2	I	34.5	B				
San Sebastian Prado to Sand Lake Rd.	45	2,904	Signal	91.8	24.0	I	21.6	D	26.0	C		
Sand Lake Rd. to Jamestown Blvd.	45	1,003	Signal	72.6	43.2	I	9.4	F				
Jamestown Blvd. to E. Lake Brantley Dr.	45	2,534	Signal	58.8	6.6	I	29.4	C				
E. Lake Brantley Dr. to Wekiva Springs Ln.	45	2,270	Signal	44.4	0.0	I	34.9	B				
Wekiva Springs Ln. to Wekiva Springs Rd./Montgomery Rd.	45	1,267	Signal	73.2	27.6	I	11.8	F	19.4	D		
Wekiva Springs Rd./Montgomery Rd. to Gum St./Springs Blvd	45	581	Signal	12.0	0.0	I	33.0	B				
Gum St./Springs Blvd. to Sanlando Office Park	45	2,059	Signal	57.0	8.4	I	24.6	C				
Sanlando Office Park to Markham Woods Rd./Douglas Ave.	35	1,109	Signal	71.4	25.8	II	10.6	E	18.2	C		
TOTAL		25,450		942.6	273.0						18.4	0.177 gal/veh

TABLE S3.2a
Year 2017 Seminole County Travel Time & Delay Study
SR 434 (Part A) - Westbound 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 - Part A												
Markham Woods Rd./Douglas Ave. to Sanlando Office Park	35	1,109	Signal	22.2	0.0	II	34.1	A				
Sanlando Office Park to Gum St./Springs Blvd	45	2,059	Signal	50.4	3.0	I	27.9	C				
Gum St./Springs Blvd to Montgomery Rd./Wekiva Springs Rd.	45	581	Signal	65.4	37.2	I	6.1	F	18.5	D		
Montgomery Rd./Wekiva Springs Rd. to Wekiva Springs Ln.	45	1,267	Signal	22.8	0.0	I	37.9	B				
Wekiva Springs Ln. to E. Lake Brantley Dr.	45	2,270	Signal	72.6	24.0	I	21.3	D				
E. Lake Brantley Dr. to Jamestown Blvd.	45	2,534	Signal	98.4	31.2	I	17.6	E				
Jamestown Blvd. to Sand Lake Rd.	45	1,003	Signal	73.8	46.8	I	9.3	F	18.0	D		
Sand Lake Rd. to San Sebastian Prado	45	2,904	Signal	78.6	16.2	I	25.2	C				
San Sebastian Prado to SR 436	45	2,429	Signal	169.8	103.8	I	9.8	F	14.6	F		
SR 436 to Orange Ave.	45	1,267	Signal	34.2	7.2	I	25.3	C				
Orange Ave. to W. Town Pkwy.	45	1,320	Signal	40.2	8.4	I	22.4	D	23.7	C		
W. Town Pkwy. to Trailwood Dr./Lotus Landing Blvd.	45	2,904	Signal	53.4	0.6	I	37.1	B				
Trailwood Dr./Lotus Landing Blvd. to Gateway Dr.	45	2,323	Signal	43.2	0.0	I	36.7	B				
Gateway Dr. to Maitland Blvd.	45	1,478	Signal	22.8	0.0	I	44.2	A	38.3	B		
TOTAL		25,450		847.8	278.4						20.5	0.175 gal/veh
PM PEAK HOUR - Part A												
Markham Woods Rd./Douglas Ave. to Sanlando Office Park	35	1,109	Signal	21.0	0.0	II	36.0	A				
Sanlando Office Park to Gum St./Springs Blvd	45	2,059	Signal	75.0	22.8	I	18.7	D				
Gum St./Springs Blvd to Montgomery Rd./Wekiva Springs Rd.	45	581	Signal	39.6	2.4	I	10.0	F	18.8	D		
Montgomery Rd./Wekiva Springs Rd. to Wekiva Springs Ln.	45	1,267	Signal	22.8	0.0	I	37.9	B				
Wekiva Springs Ln. to E. Lake Brantley Dr.	45	2,270	Signal	107.4	48.6	I	14.4	F				
E. Lake Brantley Dr. to Jamestown Blvd.	45	2,534	Signal	85.8	26.4	I	20.1	D				
Jamestown Blvd. to Sand Lake Rd.	45	1,003	Signal	31.2	7.2	I	21.9	D	19.5	D		
Sand Lake Rd. to San Sebastian Prado	45	2,904	Signal	109.8	27.6	I	18.0	D				
San Sebastian Prado to SR 436	45	2,429	Signal	129.6	9.0	I	12.8	F	15.2	E		
SR 436 to Orange Ave.	45	1,267	Signal	24.6	0.0	I	35.1	B				
Orange Ave. to W. Town Pkwy.	45	1,320	Signal	39.0	13.2	I	23.1	C	27.7	C		
W. Town Pkwy. to Trailwood Dr./Lotus Landing Blvd.	45	2,904	Signal	46.8	0.0	I	42.3	A				
Trailwood Dr./Lotus Landing Blvd. to Gateway Dr.	45	2,323	Signal	57.6	1.2	I	27.5	C				
Gateway Dr. to Maitland Blvd.	45	1,478	Signal	64.8	31.8	I	15.6	E	27.0	C		
TOTAL		25,450		855.0	190.2						20.3	0.176 gal/veh