

TABLE S3.1a
Year 2015 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	53.4	15.0	II	18.9	D				
Gateway Dr. to Trailwood Dr./Lotus Landing Blvd.	45	2,323	Signal	49.8	10.8	II	31.8	B				
Trailwood Dr./Lotus Landing Blvd. to W. Town Pkwy.	45	2,904	Signal	45.0	0.0	II	44.0	A	30.8	B		
W. Town Pkwy. to Orange Ave.	45	1,320	Signal	26.4	2.4	II	34.1	B				
Orange Ave. to SR 436	45	1,267	Signal	46.8	15.0	II	18.5	D	24.1	C		
SR 436 to San Sebastian Prado	45	2,429	Signal	40.8	0.0	II	40.6	A				
San Sebastian Prado to Sand Lake Rd.	45	2,904	Signal	59.4	1.8	II	33.3	B	36.3	A		
Sand Lake Rd. to Jamestown Blvd.	45	1,003	Signal	22.2	3.0	II	30.8	B				
Jamestown Blvd. to E. Lake Brantley Dr.	45	2,534	Signal	54.0	6.0	II	32.0	B				
E. Lake Brantley Dr. to Wekiva Springs Ln.	45	2,270	Signal	41.4	0.0	II	37.4	A				
Wekiva Springs Ln. to Wekiva Springs Rd./Montgomery Rd.	45	1,267	Signal	98.4	51.6	II	8.8	F	22.3	C		
Wekiva Springs Rd./Montgomery Rd. to Gum St./Springs Blvd.	45	581	Signal	12.0	0.0	II	33.0	B				
Gum St./Springs Blvd. to Sanlando Office Park	45	2,059	Signal	64.8	15.0	II	21.7	D				
Sanlando Office Park to Markham Woods Rd./Douglas Ave.	35	1,109	Signal	69.6	31.2	II	10.9	F	17.5	D		
TOTAL		25,450		684.0	151.8						25.4	0.169 gal/veh
PM PEAK HOUR - Part A												
Maitland Blvd. to Gateway Dr.	45	1,478	Signal	67.8	25.8	II	14.9	E				
Gateway Dr. to Trailwood Dr./Lotus Landing Blvd.	45	2,323	Signal	37.8	0.0	II	41.9	A				
Trailwood Dr./Lotus Landing Blvd. to W. Town Pkwy.	45	2,904	Signal	69.6	16.2	II	28.4	B	26.1	C		
W. Town Pkwy. to Orange Ave.	45	1,320	Signal	44.4	4.2	II	20.3	D				
Orange Ave. to SR 436	45	1,267	Signal	115.2	48.0	II	7.5	F	11.1	F		
SR 436 to San Sebastian Prado	45	2,429	Signal	42.0	0.0	II	39.4	A				
San Sebastian Prado to Sand Lake Rd.	45	2,904	Signal	60.6	3.0	II	32.7	B	35.4	A		
Sand Lake Rd. to Jamestown Blvd.	45	1,003	Signal	30.0	10.2	II	22.8	C				
Jamestown Blvd. to E. Lake Brantley Dr.	45	2,534	Signal	79.2	20.4	II	21.8	D				
E. Lake Brantley Dr. to Wekiva Springs Ln.	45	2,270	Signal	44.4	4.8	II	34.9	B				
Wekiva Springs Ln. to Wekiva Springs Rd./Montgomery Rd.	45	1,267	Signal	33.6	6.0	II	25.7	C	25.8	C		
Wekiva Springs Rd./Montgomery Rd. to Gum St./Springs Blvd.	45	581	Signal	10.8	0.0	II	36.7	A				
Gum St./Springs Blvd. to Sanlando Office Park	45	2,059	Signal	60.6	6.6	II	23.2	C				
Sanlando Office Park to Markham Woods Rd./Douglas Ave.	35	1,109	Signal	59.4	31.8	II	12.7	F	19.5	D		
TOTAL		25,450		755.4	177.0						23.0	0.171 gal/veh

TABLE S3.2a
Year 2015 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	21.0	0.0	II	36.0	A				
Sanlando Office Park to Gum St./Springs Blvd	45	2,059	Signal	31.2	0.0	II	45.0	A				
Gum St./Springs Blvd to Montgomery Rd./Wekiva Springs Rd.	45	581	Signal	99.6	60.0	II	4.0	F	16.8	E		
Montgomery Rd./Wekiva Springs Rd. to Wekiva Springs Ln.	45	1,267	Signal	21.6	0.0	II	40.0	A				
Wekiva Springs Ln. to E. Lake Brantley Dr.	45	2,270	Signal	46.8	6.0	II	33.1	B				
E. Lake Brantley Dr. to Jamestown Blvd.	45	2,534	Signal	69.6	15.0	II	24.8	C				
Jamestown Blvd. to Sand Lake Rd.	45	1,003	Signal	38.4	15.0	II	17.8	D	27.3	C		
Sand Lake Rd. to San Sebastian Prado	45	2,904	Signal	48.6	0.0	II	40.7	A				
San Sebastian Prado to SR 436	45	2,429	Signal	147.6	97.2	II	11.2	F	18.5	D		
SR 436 to Orange Ave.	45	1,267	Signal	24.0	0.0	II	36.0	A				
Orange Ave. to W. Town Pkwy.	45	1,320	Signal	33.6	6.0	II	26.8	C	30.6	B		
W. Town Pkwy. to Trailwood Dr./Lotus Landing Blvd.	45	2,904	Signal	46.2	0.0	II	42.9	A				
Trailwood Dr./Lotus Landing Blvd. to Gateway Dr.	45	2,323	Signal	46.8	4.2	II	33.8	B				
Gateway Dr. to Maitland Blvd.	45	1,478	Signal	22.2	0.0	II	45.4	A	39.7	A		
TOTAL		25,450		697.2	203.4						24.9	0.167 gal/veh
PM PEAK HOUR - Part A												
Markham Woods Rd./Douglas Ave. to Sanlando Office Park	35	1,109	Signal	34.2	8.4	II	22.1	C				
Sanlando Office Park to Gum St./Springs Blvd	45	2,059	Signal	81.0	23.4	II	17.3	D				
Gum St./Springs Blvd to Montgomery Rd./Wekiva Springs Rd.	45	581	Signal	54.0	7.2	II	7.3	F	15.1	E		
Montgomery Rd./Wekiva Springs Rd. to Wekiva Springs Ln.	45	1,267	Signal	33.0	8.4	II	26.2	C				
Wekiva Springs Ln. to E. Lake Brantley Dr.	45	2,270	Signal	65.4	16.8	II	23.7	C				
E. Lake Brantley Dr. to Jamestown Blvd.	45	2,534	Signal	50.4	0.6	II	34.3	B				
Jamestown Blvd. to Sand Lake Rd.	45	1,003	Signal	25.2	2.4	II	27.1	C	27.7	C		
Sand Lake Rd. to San Sebastian Prado	45	2,904	Signal	51.6	1.2	II	38.4	A				
San Sebastian Prado to SR 436	45	2,429	Signal	90.6	34.8	II	18.3	D	25.6	C		
SR 436 to Orange Ave.	45	1,267	Signal	23.4	0.0	II	36.9	A				
Orange Ave. to W. Town Pkwy.	45	1,320	Signal	33.6	10.8	II	26.8	C	30.9	B		
W. Town Pkwy. to Trailwood Dr./Lotus Landing Blvd.	45	2,904	Signal	45.0	0.0	II	44.0	A				
Trailwood Dr./Lotus Landing Blvd. to Gateway Dr.	45	2,323	Signal	36.0	0.0	II	44.0	A				
Gateway Dr. to Maitland Blvd.	45	1,478	Signal	58.2	28.2	II	17.3	D	32.8	B		
TOTAL		25,450		681.6	142.2						25.5	0.169 gal/veh