

TABLE C31.1a
Year 2017 Seminole County Travel Time & Delay Study
Wekiva Springs Road - 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												
Orange Co. Line to Hunt Club Blvd.	40	4,594	Signal	182.4	48.0	I	17.2	E	17.2	E		
Hunt Club Blvd. to Sweetwater Cove Blvd.	35	2,376	Signal	118.2	28.8	II	13.7	D				
Sweetwater Cove Blvd. to Riverbend Blvd.	35	1,848	Signal	100.8	36.6	II	12.5	E				
Riverbend Blvd. to Sweetwater Blvd.	35	211	Signal	6.6	0.0	II	21.8	C				
Sweetwater Blvd. to Fox Valley Rd.	35	3,960	Signal	189.6	41.4	II	14.2	D	13.8	D		
Fox Valley Rd. to Sabal Palm Dr.	35	898	Signal	16.8	0.0	II	36.4	A				
Sabal Palm Dr. to Sabal Club Way	35	1,795	SS Stop	33.0	0.0	II	37.1	A				
Sabal Club Way to E. Lake Brantley Rd.	40	1,478	Signal	60.0	18.6	I	16.8	E	25.9	C		
E. Lake Brantley to Wekiva Springs Ln.	40	2,693	Signal	48.6	0.0	I	37.8	B				
Wekiva Springs Ln. to SR 434	40	1,954	Signal	55.2	2.4	I	24.1	C	30.5	C		
TOTAL		21,806		811.2	175.8						18.3	0.159 gal/veh
PM PEAK HOUR												
Orange Co. Line to Hunt Club Blvd.	40	4,594	Signal	87.6	1.2	I	35.8	B	35.8	B		
Hunt Club Blvd. to Sweetwater Cove Blvd.	35	2,376	Signal	45.0	0.0	II	36.0	A				
Sweetwater Cove Blvd. to Riverbend Blvd.	35	1,848	Signal	47.4	7.8	II	26.6	B				
Riverbend Blvd. to Sweetwater Blvd.	35	211	Signal	4.2	0.0	II	34.3	A				
Sweetwater Blvd. to Fox Valley Rd.	35	3,960	Signal	88.8	4.2	II	30.4	A	30.9	A		
Fox Valley Rd. to Sabal Palm Dr.	35	898	Signal	21.0	0.0	II	29.1	A				
Sabal Palm Dr. to Sabal Club Way	35	1,795	SS Stop	34.8	0.0	II	35.2	A				
Sabal Club Way to E. Lake Brantley Rd.	40	1,478	Signal	57.0	7.2	I	17.7	E	25.2	C		
E. Lake Brantley to Wekiva Springs Ln.	40	2,693	Signal	49.8	0.0	I	36.9	B				
Wekiva Springs Ln. to SR 434	40	1,954	Signal	131.4	63.6	I	10.1	F	17.5	E		
TOTAL		21,806		567.0	84.0						26.2	0.145 gal/veh

TABLE C31.1b
Year 2017 Seminole County Travel Time & Delay Study
Wekiva Springs Road - 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												
SR 434 to Wekiva Springs Ln.	40	1,954	Signal	35.4	0.0	I	37.6	B				
Wekiva Springs Ln. to E. Lake Brantley Rd.	40	2,693	Signal	55.2	6.0	I	33.3	B	35.0	B		
E. Lake Brantley Rd. to Sabal Club Way	40	1,478	SS Stop	26.4	0.0	I	38.2	B				
Sabal Club Way to Sabal Palm Dr.	35	1,795	Signal	47.4	8.4	II	25.8	B				
Sabal Palm Dr. to Fox Valley Dr.	35	898	Signal	18.6	0.0	II	32.9	A	30.8	A		
Fox Valley Dr. to Sweetwater Blvd.	35	3,960	Signal	84.0	5.4	II	32.1	A				
Sweetwater Blvd. to Riverbend Blvd.	35	211	Signal	4.2	0.0	II	34.3	A				
Riverbend Blvd. to Sweetwater Cove Blvd.	35	1,848	SS Stop	35.4	0.0	II	35.6	A				
Sweetwater Cove Blvd. to Hunt Club Blvd.	35	2,376	Signal	53.4	5.4	II	30.3	A	32.3	A		
Hunt Club Blvd. to Orange Co. Line	40	4,594	N/A	78.0	0.0	I	40.2	A	40.2	A		
TOTAL		21,806		438.0	25.2						33.9	0.143 gal/veh
PM PEAK HOUR												
SR 434 to Wekiva Springs Ln.	40	1,954	Signal	43.8	6.0	I	30.4	C				
Wekiva Springs Ln. to E. Lake Brantley Rd.	40	2,693	Signal	61.2	3.0	I	30.0	C	30.2	C		
E. Lake Brantley Rd. to Sabal Club Way	40	1,478	SS Stop	27.6	0.0	I	36.5	B				
Sabal Club Way to Sabal Palm Dr.	35	1,795	Signal	53.4	10.2	II	22.9	B				
Sabal Palm Dr. to Fox Valley Dr.	35	898	Signal	27.0	3.0	II	22.7	B	26.3	B		
Fox Valley Dr. to Sweetwater Blvd.	35	3,960	Signal	94.2	7.2	II	28.7	A				
Sweetwater Blvd. to Riverbend Blvd.	35	211	Signal	13.2	3.0	II	10.9	E				
Riverbend Blvd. to Sweetwater Cove Blvd.	35	1,848	SS Stop	36.6	0.0	II	34.4	A				
Sweetwater Cove Blvd. to Hunt Club Blvd.	35	2,376	Signal	55.8	5.4	II	29.0	A	28.6	A		
Hunt Club Blvd. to Orange Co. Line	40	4,594	N/A	79.8	0.0	I	39.2	B	39.2	B		
TOTAL		21,806		492.6	37.8						30.2	0.145 gal/veh