

TABLE C27.1a
Year 2008 Seminole County Travel Time & Delay Study
Rinehart Road - Northbound Direction Summary

Roadway Segment	Speed Limit	Distance (ft)	Traffic Control	Travel Time	Stop Delay	Roadway Class	Roadway Segment		Roadway Section		Roadway Summary	
	(mph)		Device	(sec)	(sec)		Average Speed		Average Speed		Avg. Speed	Avg. Fuel
							(mph)	LOS	(mph)	LOS	(mph)	Consump.
AM PEAK HOUR												
Lake Mary Blvd to Pine Circle Dr.	45	1,274	Stop	22.5	2.5	II	38.6	A				
Pine Circle Dr to Crystal Lake Elementary School	45	689	Signal	25.7	15.0	II	18.3	D				
Crystal Lake Elementary School to Anderson Lane	45	827	Stop	14.2	1.5	II	39.8	A	30.5	B		
Anderson Lane to Primera Blvd.	45	388	Signal	6.2	0.2	II	42.9	A				
Primera Blvd. to Stromberg/Seimens/Manderly	45	749	Signal	12.2	0.7	II	42.0	A				
Stromberg/Seimens/Manderly to Wallace Rd.	45	2,554	Signal	38.2	1.0	II	45.6	A				
Wallace Rd. to Postal Dist. Ctr.	45	1,803	Signal	29.0	3.2	II	42.4	A				
Postal Dist. Ctr. to Timacuan Blvd.	45	1,036	Signal	23.7	7.8	II	29.8	B				
Timacuan Blvd to CR 46A	45	1,522	Signal	69.0	45.8	II	15.0	E	30.8	B		
CR 46A to Seminole Town Center	45	4,269	Signal	72.3	7.2	II	40.2	A				
Seminole Town Center to SR 417 SB Ramps	45	2,541	Signal	57.8	19.7	II	30.0	B				
SR 417 SB Ramps to SR 417 NB Ramps	45	1,140	Signal	47.0	30.0	II	16.5	E				
SR 417 NB Ramps to St. Johns Pkwy	45	1,954	Signal	43.3	13.2	II	30.7	B				
St. Johns Pkwy to SR 46	45	2,039	Signal	40.8	9.8	II	34.0	B	26.7	C		
TOTAL		22,785		501.8	157.5						30.9	0.26 gal/veh
PM PEAK HOUR												
Lake Mary Blvd to Pine Circle Dr.	45	1,287	Stop	21.7	1.7	II	40.5	A				
Pine Circle Dr to Crystal Lake Elementary School	45	669	Signal	13.3	3.2	II	34.2	B				
Crystal Lake Elementary School to Anderson Lane	45	832	Stop	12.7	0.3	II	44.8	A	39.9	A		
Anderson Lane to Primera Blvd.	45	361	Signal	13.5	7.5	II	18.2	D				
Primera Blvd. to Stromberg/Seimens/Manderly	45	750	Signal	17.8	6.3	II	28.7	B				
Stromberg/Seimens/Manderly to Wallace Rd.	45	2,539	Signal	41.3	3.0	II	41.9	A				
Wallace Rd. to Postal Dist. Ctr.	45	1,817	Signal	40.3	12.7	II	30.7	B				
Postal Dist. Ctr. to Timacuan Blvd.	45	1,046	Signal	36.0	20.0	II	19.8	D				
Timacuan Blvd to CR 46A	45	1,543	Signal	82.8	59.0	II	12.7	F	23.7	C		
CR 46A to Seminole Town Center	45	4,276	Signal	79.2	14.5	II	36.8	A				
Seminole Town Center to SR 417 SB Ramps	45	2,529	Signal	43.0	5.3	II	40.1	A				
SR 417 SB Ramps to SR 417 NB Ramps	45	1,147	Signal	31.2	13.5	II	25.1	C				
SR 417 NB Ramps to St. Johns Pkwy	45	1,946	Signal	44.0	14.3	II	30.2	B				
St. Johns Pkwy to SR 46	45	2,135	Signal	74.5	42.2	II	19.5	D	23.8	C		
TOTAL		22,877		551.3	203.5						28.3	0.25 gal/veh

TABLE C27.1b
Year 2008 Seminole County Travel Time & Delay Study
Rinehart Road - Southbound Direction Summary

Roadway Segment	Speed Limit	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment		Roadway Section		Roadway Summary	
	(mph)						Average Speed		Average Speed		Avg. Speed (mph)	Avg. Fuel Consump.
							(mph)	LOS	(mph)	LOS		
AM PEAK HOUR												
SR 46 to St. Johns Pkwy.	45	2,092	Signal	43.7	11.7	II	32.7	B				
St. Johns Pkwy to SR-417 NB Ramps	45	1,906	Signal	48.5	19.5	II	26.8	C				
SR-417 NB Ramps to SR-417 SB Ramps	45	1,157	Signal	22.3	4.5	II	35.3	A				
SR-417 SB Ramps to Seminole Town Center	45	2,522	Signal	53.5	16.0	II	32.1	B				
Seminole Town Center to CR 46A	45	4,236	Signal	101.0	37.7	II	28.6	B	30.2	B		
CR 46A to Timacuan Blvd.	45	1,596	Signal	33.8	9.5	II	32.2	B				
Timacuan Blvd to Postal Dist. Ctr.	45	1,049	Signal	19.0	2.8	II	37.6	A				
Postal Dist. Ctr. to Wallace Rd.	45	1,817	Signal	26.8	1.0	II	46.2	A				
Wallace Rd. to Stromberg/Seimens/Manderly	45	2,525	Signal	41.2	3.7	II	41.8	A				
Stromberg/Seimens/Manderly to Primera Blvd.	45	767	Signal	31.8	19.8	II	16.4	E				
Primera Blvd. to Anderson Lane	45	477	Stop	10.0	2.3	II	32.5	B	34.5	B		
Anderson Lane to Crystal Lake Elementary School	45	720	Signal	16.8	6.2	II	29.2	B				
Crystal Lake Elementary School to Pine Circle Dr.	45	776	Stop	12.7	0.8	II	41.8	A				
Pine Circle Dr. to Lake Mary Blvd.	45	1,251	Signal	73.8	55.0	II	11.6	F	18.1	D		
TOTAL		22,891		535.0	190.5						29.2	0.26 gal/veh
PM PEAK HOUR												
SR 46 to St. Johns Pkwy.	45	2,091	Signal	43.3	11.3	II	32.9	B				
St. Johns Pkwy to SR-417 NB Ramps	45	1,899	Signal	95.0	66.0	II	13.6	E				
SR-417 NB Ramps to SR-417 SB Ramps	45	1,158	Signal	20.8	2.8	II	37.9	A				
SR-417 SB Ramps to Seminole Town Center	45	2,521	Signal	46.3	8.8	II	37.1	A				
Seminole Town Center to CR 46A	45	4,256	Signal	101.0	36.8	II	28.7	B	26.5	C		
CR 46A to Timacuan Blvd.	45	1,600	Signal	26.0	1.7	II	42.0	A				
Timacuan Blvd to Postal Dist. Ctr.	45	1,063	Signal	15.8	0.3	II	45.8	A				
Postal Dist. Ctr. to Wallace Rd.	45	1,787	Signal	29.5	3.0	II	41.3	A				
Wallace Rd. to Stromberg/Seimens/Manderly	45	2,519	Signal	45.0	8.5	II	38.2	A				
Stromberg/Seimens/Manderly to Primera Blvd.	45	788	Signal	29.7	17.8	II	18.1	D				
Primera Blvd. to Anderson Lane	45	467	Stop	8.3	1.0	II	38.2	A	36.3	A		
Anderson Lane to Crystal Lake Elementary School	45	727	Signal	11.8	0.8	II	41.9	A				
Crystal Lake Elementary School to Pine Circle Dr.	45	752	Stop	12.2	0.5	II	42.1	A				
Pine Circle Dr. to Lake Mary Blvd.	45	1,261	Signal	57.0	38.0	II	15.1	E	23.1	C		
TOTAL		22,889		541.8	197.5						28.8	0.25 gal/veh