

TABLE C27.1a
Year 2017 Seminole County Travel Time & Delay Study
Rinehart 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 (mph)	Avg. Fuel Consump.
							(mph)	LOS	(mph)	LOS		
AM PEAK HOUR												
Lake Mary Blvd. to Pine Circle Dr.	45	1,373	SS Stop	25.2	0.0	I	37.1	B				
Pine Circle Dr. to Crystal Lake Elem. Sch.	45	739	Signal	21.0	6.6	I	24.0	C				
Crystal Lake Elem. Sch. to Anderson Ln.	45	739	SS Stop	13.2	0.0	I	38.2	B	32.7	B		
Anderson Ln. to Primera Blvd.	45	422	Signal	23.4	11.4	I	12.3	F				
Primera Blvd. to Stromberg/Seimens Dr./Manderley Run	45	739	Signal	13.8	0.0	I	36.5	B				
Stromberg/Seimens Dr./Manderley Run to Wallace Ct.	45	2,534	Signal	41.4	0.0	I	41.7	A				
Wallace Ct. to Postal Dist. Ctr.	45	1,742	Signal	32.4	0.0	I	36.7	B				
Postal Dist. Ctr. to Timacuan Blvd.	45	1,109	Signal	39.0	13.2	I	19.4	D				
Timacuan Blvd. to CR 46A	45	1,584	Signal	78.0	36.6	I	13.8	F	24.3	C		
CR 46A to Town Center Blvd	45	4,224	Signal	74.4	0.0	I	38.7	B				
Town Center Blvd to SR 417 (S. Ramps)	45	2,534	Signal	61.2	7.8	I	28.2	C	34.0	B		
SR 417 (S. Ramps) to SR 417 (N. Ramps)	45	1,162	Signal	22.8	0.6	I	34.7	B				
SR 417 (N. Ramps) to St. Johns Pkwy.	45	1,954	Signal	43.2	2.4	I	30.8	C				
St. Johns Pkwy. to SR 46	45	2,270	Signal	60.6	11.4	I	25.5	C	29.0	C		
TOTAL		23,126		549.6	90.0						28.7	0.154 gal/veh
PM PEAK HOUR												
Lake Mary Blvd. to Pine Circle Dr.	45	1,373	SS Stop	25.8	0.0	I	36.3	B				
Pine Circle Dr. to Crystal Lake Elem. Sch.	45	739	Signal	15.0	0.0	I	33.6	B				
Crystal Lake Elem. Sch. to Anderson Ln.	45	739	SS Stop	13.8	0.0	I	36.5	B	35.6	B		
Anderson Ln. to Primera Blvd.	45	422	Signal	31.8	18.0	I	9.1	F				
Primera Blvd. to Stromberg/Seimens Dr./Manderley Run	45	739	Signal	14.4	0.0	I	35.0	B				
Stromberg/Seimens Dr./Manderley Run to Wallace Ct.	45	2,534	Signal	45.0	0.6	I	38.4	B				
Wallace Ct. to Postal Dist. Ctr.	45	1,742	Signal	70.8	27.0	I	16.8	E				
Postal Dist. Ctr. to Timacuan Blvd.	45	1,109	Signal	53.4	22.8	I	14.2	F				
Timacuan Blvd. to CR 46A	45	1,584	Signal	103.2	49.8	I	10.5	F	17.4	E		
CR 46A to Town Center Blvd	45	4,224	Signal	96.0	7.8	I	30.0	C				
Town Center Blvd to SR 417 (S. Ramps)	45	2,534	Signal	58.8	10.8	I	29.4	C	29.8	C		
SR 417 (S. Ramps) to SR 417 (N. Ramps)	45	1,162	Signal	24.6	1.8	I	32.2	B				
SR 417 (N. Ramps) to St. Johns Pkwy.	45	1,954	Signal	57.6	15.6	I	23.1	C				
St. Johns Pkwy. to SR 46	45	2,270	Signal	102.0	45.0	I	15.2	E	19.9	D		
TOTAL		23,126		712.2	199.2						22.1	0.157 gal/veh

TABLE C27.1b
Year 2017 Seminole County Travel Time & Delay Study
Rinehart 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 (mph)	Avg. Fuel Consump.
							(mph)	LOS	(mph)	LOS		
AM PEAK HOUR												
SR 46 to St. Johns Pkwy.	45	2,270	Signal	67.2	4.8	I	23.0	C				
St. Johns Pkwy. to SR 417 (N. Ramps)	45	1,954	Signal	68.4	21.6	I	19.5	D				
SR 417 (N. Ramps) to SR 417 (S. Ramps)	45	1,162	Signal	25.2	3.6	I	31.4	B	22.8	D		
SR 417 (S. Ramps) to Town Center Blvd	45	2,534	Signal	55.8	6.0	I	31.0	C				
Town Center Blvd to CR 46A	45	4,224	Signal	112.2	29.4	I	25.7	C	27.4	C		
CR 46A to Timacuan Blvd.	45	1,584	Signal	49.2	15.6	I	22.0	D				
Timacuan Blvd. to Postal Dist. Ctr.	45	1,109	Signal	19.8	0.0	I	38.2	B				
Postal Dist. Ctr. to Wallace Ct.	45	1,742	Signal	29.4	0.0	I	40.4	A				
Wallace Ct. to Stromberg/Seimens Dr./Manderley Run	45	2,534	Signal	42.0	0.0	I	41.1	A				
Stromberg/Seimens Dr./Manderley to Primera Blvd.	45	739	Signal	18.0	2.4	I	28.0	C				
Primera Blvd. to Anderson Ln.	45	422	SS Stop	7.8	0.0	I	36.9	B	33.4	B		
Anderson Ln. to Crystal Lake Elem. Sch.	45	739	Signal	12.6	0.0	I	40.0	B				
Crystal Lake Elem. Sch. to Pine Circle Dr.	45	739	SS Stop	12.0	0.0	I	42.0	A				
Pine Circle Dr. to Lake Mary Blvd.	45	1,373	Signal	83.4	53.4	I	11.2	F	18.0	E		
TOTAL		23,126		603.0	136.8						26.1	0.154 gal/veh
PM PEAK HOUR												
SR 46 to St. Johns Pkwy.	45	2,270	Signal	60.6	15.0	I	25.5	C				
St. Johns Pkwy. to SR 417 (N. Ramps)	45	1,954	Signal	45.0	6.6	I	29.6	C				
SR 417 (N. Ramps) to SR 417 (S. Ramps)	45	1,162	Signal	19.8	0.0	I	40.0	B	29.3	C		
SR 417 (S. Ramps) to Town Center Blvd	45	2,534	Signal	44.4	1.2	I	38.9	B				
Town Center Blvd to CR 46A	45	4,224	Signal	131.4	49.2	I	21.9	D	26.2	C		
CR 46A to Timacuan Blvd.	45	1,584	Signal	36.6	0.0	I	29.5	C				
Timacuan Blvd. to Postal Dist. Ctr.	45	1,109	Signal	21.6	1.2	I	35.0	B				
Postal Dist. Ctr. to Wallace Ct.	45	1,742	Signal	31.2	1.2	I	38.1	B				
Wallace Ct. to Stromberg/Seimens Dr./Manderley Run	45	2,534	Signal	45.0	0.6	I	38.4	B				
Stromberg/Seimens Dr./Manderley to Primera Blvd.	45	739	Signal	39.6	18.0	I	12.7	F				
Primera Blvd. to Anderson Ln.	45	422	SS Stop	8.4	0.0	I	34.3	B	30.4	C		
Anderson Ln. to Crystal Lake Elem. Sch.	45	739	Signal	13.2	0.0	I	38.2	B				
Crystal Lake Elem. Sch. to Pine Circle Dr.	45	739	SS Stop	12.0	0.0	I	42.0	A				
Pine Circle Dr. to Lake Mary Blvd.	45	1,373	Signal	103.2	34.8	I	9.1	F	15.1	E		
TOTAL		23,126		612.0	127.8						25.8	0.153 gal/veh