

TABLE C26.1a
Year 2015 Seminole County Travel Time & Delay Study
Red Bug Lake Road - Eastbound Direction Summary

Roadway Segment	Speed	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment		Roadway Section		Roadway Summary	
	Limit (mph)						Average Speed (mph)	LOS	Average Speed (mph)	LOS	Avg. Speed (mph)	Avg. Fuel Consump.
AM PEAK HOUR												
SR 436 to Winter Park Dr.	45	211	Signal	12.0	7.8	II	12.0	F				
Winter Park Dr. to Fire Station	45	634	Signal	13.2	0.0	II	32.7	B				
Fire Station to Mark David Blvd.	45	1,267	Stop	20.4	0.0	II	42.4	A				
Mark David Blvd. to Eagle Cir.	45	1,320	Signal	25.2	2.4	II	35.7	A	33.0	B		
Eagle Cir. to Jericho Dr.	45	5,544	Stop	85.8	0.0	II	44.1	A				
Jericho Dr. to Merivale Dr.	45	1,373	Signal	22.2	0.0	II	42.2	A				
Merivale Dr. to Nodding Pines Way	45	2,218	Signal	43.2	6.0	II	35.0	B				
Nodding Pines way to Dodd Rd.	45	1,478	Signal	67.2	27.0	II	15.0	E	33.1	B		
Dodd Rd. to Willa Springs Center	45	2,059	Stop	34.8	0.0	II	40.3	A				
Willa Springs Center to Plaza Entrance	45	1,003	Signal	40.2	16.8	II	17.0	D				
Plaza Entrance to Tuskawilla Rd.	45	528	Signal	33.0	15.6	II	10.9	F	22.7	C		
Tuskawilla Rd. to Red Willow Plaza	45	475	Signal	9.6	0.0	II	33.7	B				
Red Willow Plaza to Rising Sun Blvd.	45	2,693	Signal	82.2	28.8	II	22.3	C				
Rising Sun Blvd. to S. Citrus Rd.	45	1,373	Signal	31.8	2.4	II	29.4	B				
S. Citrus Rd. to Mikler Rd.	45	1,267	Signal	21.6	0.0	II	40.0	A				
Mikler Rd. to Slavia Rd.	45	1,690	Signal	25.8	0.0	II	44.6	A	29.9	B		
Slavia Rd. to Dovera Dr.	45	3,168	Signal	49.2	0.0	II	43.9	A				
Dovera Dr. to Oviedo Market Pl.	45	1,109	Signal	30.6	4.8	II	24.7	C				
Oviedo Market Pl. to SR 417 (W. Ramps)	45	1,267	Signal	19.2	0.0	II	45.0	A				
SR 417 (W. Ramps) to SR 417 (E. Ramps)	45	845	Signal	16.2	0.0	II	35.6	A	37.8	A		
SR 417 (E. Ramps) to SR 426	45	1,637	Signal	26.4	0.0	II	42.3	A	42.3	A		
TOTAL		33,158		709.8	111.6						31.9	0.216 gal/veh
PM PEAK HOUR												
SR 436 to Winter Park Dr.	45	211	Signal	10.8	0.0	II	13.3	E				
Winter Park Dr. to Fire Station	45	634	Signal	12.6	0.0	II	34.3	B				
Fire Station to Mark David Blvd.	45	1,267	Stop	19.8	0.0	II	43.6	A				
Mark David Blvd. to Eagle Cir.	45	1,320	Signal	21.0	0.0	II	42.9	A	36.4	A		
Eagle Cir. to Jericho Dr.	45	5,544	Stop	85.8	0.0	II	44.1	A				
Jericho Dr. to Merivale Dr.	45	1,373	Signal	21.6	0.0	II	43.3	A				
Merivale Dr. to Nodding Pines Way	45	2,218	Signal	54.6	16.8	II	27.7	C				
Nodding Pines way to Dodd Rd.	45	1,478	Signal	67.2	18.6	II	15.0	E	31.6	B		
Dodd Rd. to Willa Springs Center	45	2,059	Stop	44.4	2.4	II	31.6	B				
Willa Springs Center to Plaza Entrance	45	1,003	Signal	42.0	14.4	II	16.3	E				
Plaza Entrance to Tuskawilla Rd.	45	528	Signal	25.2	10.2	II	14.3	E	21.9	D		
Tuskawilla Rd. to Red Willow Plaza	45	475	Signal	9.6	0.0	II	33.7	B				
Red Willow Plaza to Rising Sun Blvd.	45	2,693	Signal	64.2	13.8	II	28.6	B				
Rising Sun Blvd. to S. Citrus Rd.	45	1,373	Signal	26.4	1.2	II	35.5	A				
S. Citrus Rd. to Mikler Rd.	45	1,267	Signal	21.6	0.0	II	40.0	A				
Mikler Rd. to Slavia Rd.	45	1,690	Signal	27.6	0.0	II	41.7	A	34.2	B		
Slavia Rd. to Dovera Dr.	45	3,168	Signal	53.4	3.6	II	40.4	A				
Dovera Dr. to Oviedo Market Pl.	45	1,109	Signal	25.8	4.8	II	29.3	B				
Oviedo Market Pl. to SR 417 (W. Ramps)	45	1,267	Signal	19.2	0.0	II	45.0	A				
SR 417 (W. Ramps) to SR 417 (E. Ramps)	45	845	Signal	12.0	0.0	II	48.0	A	39.5	A		
SR 417 (E. Ramps) to SR 426	45	1,637	Signal	39.0	7.2	II	28.6	B	28.6	B		
TOTAL		33,158		703.8	93.0						32.1	0.217 gal/veh

TABLE C26.1b
Year 2015 Seminole County Travel Time & Delay Study
Red Bug Lake 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 426 to SR 417 (E. Ramps)	45	1,637	Signal	59.4	21.0	II	18.8	D	18.8	D		
SR 417 (E. Ramps) to SR 417 (W. Ramps)	45	845	Signal	16.2	0.0	II	35.6	A				
SR 417 (W. Ramps) tp Oviedo Market Pl.	45	1,267	Signal	19.2	0.0	II	45.0	A				
Oviedo Market Pl. to Dovera Dr.	45	1,109	Signal	18.6	0.0	II	40.6	A				
Dovera Dr. to Slavia Rd.	45	3,168	Signal	58.8	4.8	II	36.7	A	38.6	A		
Slavia Rd. to Mikler Rd.	45	1,690	Signal	26.4	0.0	II	43.6	A				
Mikler Rd. to S. Citrus Rd.	45	1,267	Signal	31.2	5.4	II	27.7	C				
S. Citrus Rd. to Rising Sun Blvd.	45	1,373	Signal	21.6	0.0	II	43.3	A				
Rising Sun Blvd. to Red Willow Plaza	45	2,693	Signal	50.4	4.2	II	36.4	A				
Red willow Plaza to Tuskawilla Rd.	45	475	Signal	18.6	4.8	II	17.4	D	34.5	B		
Tuskawilla Rd. to Plaza Entrance	45	528	Signal	10.2	0.0	II	35.3	A				
Plaza Entrance to Willa Springs Center	45	1,003	Stop	17.4	0.0	II	39.3	A				
Willa Springs Center to Dodd Rd.	45	2,059	Signal	51.6	14.4	II	27.2	C	30.9	B		
Dodd Rd. to Nodding Pines Way	45	1,478	Signal	32.4	4.8	II	31.1	B				
Nodding Pines Way to Merivale Dr.	45	2,218	Signal	33.0	0.0	II	45.8	A				
Merivale Dr. to Jericho Dr.	45	1,373	Stop	20.4	0.0	II	45.9	A				
Jericho Dr. to Eagle Cir.	45	5,544	Signal	100.2	9.0	II	37.7	A	38.9	A		
Eagle Cir. to Mark David Blvd.	45	1,320	Stop	21.0	0.0	II	42.9	A				
Mark David Blvd.to Fire Station	45	1,267	Signal	22.8	0.0	II	37.9	A				
Fire Station to Winter Park Dr.	45	634	Signal	91.8	39.0	II	4.7	F				
Winter Park Dr. to SR 436	45	211	Signal	3.6	0.0	II	40.0	A	16.8	E		
TOTAL		33,158		724.8	107.4						31.2	0.216 gal/veh
PM PEAK HOUR												
SR 426 to SR 417 (E. Ramps)	45	1,637	Signal	28.8	0.0	II	38.7	A	38.7	A		
SR 417 (E. Ramps) to SR 417 (W. Ramps)	45	845	Signal	12.6	0.0	II	45.7	A				
SR 417 (W. Ramps) tp Oviedo Market Pl.	45	1,267	Signal	40.2	9.0	II	21.5	D				
Oviedo Market Pl. to Dovera Dr.	45	1,109	Signal	57.0	20.4	II	13.3	E				
Dovera Dr. to Slavia Rd.	45	3,168	Signal	80.4	13.2	II	26.9	C	22.9	C		
Slavia Rd. to Mikler Rd.	45	1,690	Signal	27.0	0.0	II	42.7	A				
Mikler Rd. to S. Citrus Rd.	45	1,267	Signal	30.6	7.2	II	28.2	B				
S. Citrus Rd. to Rising Sun Blvd.	45	1,373	Signal	25.2	1.2	II	37.1	A				
Rising Sun Blvd. to Red Willow Plaza	45	2,693	Signal	54.6	4.8	II	33.6	B				
Red willow Plaza to Tuskawilla Rd.	45	475	Signal	63.0	35.4	II	5.1	F	25.5	C		
Tuskawilla Rd. to Plaza Entrance	45	528	Signal	18.0	6.0	II	20.0	D				
Plaza Entrance to Willa Springs Center	45	1,003	Stop	16.8	0.0	II	40.7	A				
Willa Springs Center to Dodd Rd.	45	2,059	Signal	38.4	0.6	II	36.6	A	33.4	B		
Dodd Rd. to Nodding Pines Way	45	1,478	Signal	23.4	0.0	II	43.1	A				
Nodding Pines Way to Merivale Dr.	45	2,218	Signal	43.8	7.2	II	34.5	B				
Merivale Dr. to Jericho Dr.	45	1,373	Stop	21.6	0.0	II	43.3	A				
Jericho Dr. to Eagle Cir.	45	5,544	Signal	97.8	14.4	II	38.6	A	38.8	A		
Eagle Cir. to Mark David Blvd.	45	1,320	Stop	20.4	0.0	II	44.1	A				
Mark David Blvd.to Fire Station	45	1,267	Signal	21.0	0.0	II	41.1	A				
Fire Station to Winter Park Dr.	45	634	Signal	91.8	24.0	II	4.7	F				
Winter Park Dr. to SR 436	45	211	Signal	4.2	0.0	II	34.3	B	17.0	D		
TOTAL		33,158		816.6	143.4						27.7	0.215 gal/veh