

TABLE C26.1a
Year 2008 Seminole County Travel Time & Delay Study
Red Bug Lake 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												
S.R. 436 to Winter Park Dr	45	242	Signal	8.8	4.8	II	18.7	D				
Winter Park Dr to Fire Station	45	610	Signal	15.2	5.5	II	27.4	C				
Fire Station to Mark David Blvd	45	1,331	Signal	21.5	0.8	II	42.2	A				
Mark David Blvd. to Eagle Circle	45	1,263	Signal	21.5	2.5	II	40.1	A	35.1	A		
Eagle Circle to Jericho Dr.	45	5,598	Stop	86.8	5.8	II	44.0	A				
Jericho Dr to Merivale Drive	45	1,349	Signal	19.0	0.0	II	48.4	A				
Merivale Drive to Nodding Pines Way	45	2,167	Signal	32.8	1.2	II	45.0	A				
Nodding Pines Way to Dodd Rd	45	1,463	Signal	45.2	23.5	II	22.1	C	39.2	A		
Dodd Rd to Willa Springs Center	45	2,157	Signal	35.8	3.2	II	41.0	A				
Willa Springs Center to Plaza Entrance	45	937	Signal	21.3	7.0	II	29.9	B				
Plaza Entrance to Tuskawilla Rd	45	482	Signal	24.2	16.5	II	13.6	E	30.0	B		
Tuskawilla Rd to Red Willow Plaza	45	772	Signal	14.3	2.2	II	36.7	A				
Red Willow Plaza to Rising Sun Blvd	45	2,430	Signal	34.3	0.0	II	48.3	A				
Rising Sun Blvd to S. Citrus Rd	45	1,402	Signal	19.3	0.0	II	49.4	A				
S. Citrus Rd to Slavia Rd	45	2,957	Signal	39.7	0.0	II	50.8	A	47.9	A		
Slavia Rd to Dovera Dr	45	3,129	Signal	41.5	0.0	II	51.4	A				
Dovera Dr. to Oviedo market Pl.	45	1,085	Signal	14.8	0.0	II	49.9	A				
Oviedo Market Pl. to SR 417 W. Ramps	45	1,382	Signal	18.0	0.0	II	52.3	A				
SR 417 W. Ramps to SR 417 E. Ramps	45	715	Signal	9.7	0.0	II	50.4	A	51.2	A		
SR 417 E Ramps to SR 426	45	1,536	Signal	53.0	30.5	II	19.8	D	19.8	D		
TOTAL		33,007		576.8	103.5						39.0	0.32 gal/veh
PM PEAK HOUR												
S.R. 436 to Winter Park Dr	45	258	Signal	10.8	6.8	II	16.2	E				
Winter Park Dr to Fire Station	45	569	Signal	13.2	4.2	II	29.5	B				
Fire Station to Mark David Blvd	45	1,339	Stop	19.7	0.0	II	46.4	A				
Mark David Blvd. to Eagle Circle	45	1,274	Signal	24.8	6.0	II	35.0	B	34.2	B		
Eagle Circle to Jericho Dr.	45	5,572	Stop	85.2	4.3	II	44.6	A				
Jericho Dr to Merivale Drive	45	1,439	Signal	27.2	5.5	II	36.1	A				
Merivale Drive to Nodding Pines Way	45	2,079	Signal	41.2	9.8	II	34.4	B				
Nodding Pines Way to Dodd Rd	45	1,472	Signal	36.5	13.8	II	27.5	C	37.9	A		
Dodd Rd to Willa Springs Center	45	2,140	Signal	59.2	26.2	II	24.7	C				
Willa Springs Center to Plaza Entrance	45	945	Signal	46.0	31.3	II	14.0	E				
Plaza Entrance to Tuskawilla Rd	45	497	Signal	15.0	7.2	II	22.6	C	20.3	D		
Tuskawilla Rd to Red Willow Plaza	45	753	Signal	14.5	2.8	II	35.4	A				
Red Willow Plaza to Rising Sun Blvd	45	2,425	Signal	34.3	0.0	II	48.2	A				
Rising Sun Blvd to S. Citrus Rd	45	1,409	Signal	20.3	0.3	II	47.2	A				
S. Citrus Rd to Slavia Rd	45	2,955	Signal	44.8	3.2	II	44.9	A	45.1	A		
Slavia Rd to Dovera Dr	45	3,131	Signal	44.8	0.3	II	47.6	A				
Dovera Dr. to Oviedo market Pl.	45	1,077	Signal	17.7	1.7	II	41.6	A				
Oviedo Market Pl. to SR 417 W. Ramps	45	1,389	Signal	19.5	0.0	II	48.6	A				
SR 417 W. Ramps to SR 417 E. Ramps	45	726	Signal	10.3	0.0	II	47.9	A	46.7	A		
SR 417 E Ramps to SR 426	45	1,521	Signal	47.2	25.0	II	22.0	D	22.0	D		
TOTAL		32,970		632.2	148.5						35.5	0.32 gal/veh

TABLE C26.1b
Year 2008 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	Avg. Fuel
							(mph)	LOS	(mph)	LOS	(mph)	Consump.
AM PEAK HOUR												
SR 426 to SR 417 E. Ramps	45	1,555	Signal	34.2	10.2	II	31.0	B	31.0	B		
SR 417 E. Ramps to SR 417 W. Ramps	45	782	Signal	12.2	0.3	II	43.8	A				
SR 417 W. Ramps to Oviedo Market Pl	45	1,243	Signal	17.3	0.0	II	48.9	A				
Oviedo market Pl to Dovera Dr.	45	1,139	Signal	15.8	0.0	II	49.0	A				
Dovera Dr. to Slavia Rd	45	3,183	Signal	42.2	0.0	II	51.5	A	49.5	A		
Slavia Rd to S. Citrus Rd	45	2,924	Signal	53.0	10.2	II	37.6	A				
S. Citrus Rd to Rising Sun Blvd	45	1,396	Signal	20.3	0.3	II	46.8	A				
Rising Sun Blvd to Red Willow Plaza	45	2,447	Signal	34.7	0.5	II	48.1	A	42.7	A		
Red Willow Plaza to Tuskawilla Rd.	45	654	Signal	13.8	3.8	II	32.2	B				
Tuskawilla Rd to Plaza Entrance	45	606	Signal	9.8	0.8	II	42.0	A				
Plaza Entrance to Willa Springs Center	45	1,064	Stop	16.5	1.0	II	44.0	A				
Willa Springs Center to Dodd Rd	45	1,959	Signal	43.8	13.8	II	30.5	B	34.8	B		
Dodd Rd to Nodding Pine Way	45	1,492	Signal	93.5	70.5	II	10.9	F				
Nodding Pine Way to Merivale Dr	45	2,180	Signal	35.3	2.5	II	42.1	A				
Merivale Dr to Jericho Dr	45	1,441	Stop	20.5	0.0	II	47.9	A				
Jericho Dr to Eagle Circle	45	5,502	Signal	113.5	30.3	II	33.1	B	27.5	C		
Eagle Circle to Mark David Blvd	45	1,351	Stop	24.2	3.5	II	38.1	A				
Mark David Blvd to Fire Station	45	1,250	Signal	37.0	17.7	II	23.0	C				
Fire Station to Winter Park Dr	45	633	Signal	57.7	47.7	II	7.5	F				
Winter Park Dr to SR 436	45	78	Signal	2.0	0.7	II	26.6	C	18.7	D		
TOTAL		32,879		697.3	213.8						32.1	0.38 gal/veh
PM PEAK HOUR												
SR 426 to SR 417 E. Ramps	45	1,542	Signal	37.2	13.3	II	28.3	B	28.3	B		
SR 417 E. Ramps to SR 417 W. Ramps	45	785	Signal	12.5	0.8	II	42.8	A				
SR 417 W. Ramps to Oviedo Market Pl	45	1,217	Signal	51.2	32.7	II	16.2	E				
Oviedo market Pl to Dovera Dr.	45	1,159	Signal	18.5	1.0	II	42.7	A				
Dovera Dr. to Slavia Rd	45	3,162	Signal	60.3	13.3	II	35.7	A	30.3	B		
Slavia Rd to S. Citrus Rd	45	2,930	Signal	45.3	0.8	II	44.1	A				
S. Citrus Rd to Rising Sun Blvd	45	1,428	Signal	61.5	39.5	II	15.8	E				
Rising Sun Blvd to Red Willow Plaza	45	2,434	Signal	62.2	25.5	II	26.7	C	27.4	C		
Red Willow Plaza to Tuskawilla Rd.	45	658	Signal	33.2	23.2	II	13.5	E				
Tuskawilla Rd to Plaza Entrance	45	585	Signal	10.2	1.5	II	39.2	A				
Plaza Entrance to Willa Springs Center	45	995	Stop	15.2	0.8	II	44.7	A				
Willa Springs Center to Dodd Rd	45	2,045	Signal	37.7	6.2	II	37.0	A	30.4	B		
Dodd Rd to Nodding Pine Way	45	1,500	Signal	23.2	0.3	II	44.1	A				
Nodding Pine Way to Merivale Dr	45	2,154	Signal	30.2	0.0	II	48.7	A				
Merivale Dr to Jericho Dr	45	1,450	Stop	19.7	0.0	II	50.3	A				
Jericho Dr to Eagle Circle	45	5,503	Signal	89.0	8.3	II	42.2	A	44.6	A		
Eagle Circle to Mark David Blvd	45	1,362	Stop	22.0	1.0	II	42.2	A				
Mark David Blvd to Fire Station	45	1,229	Signal	20.8	2.2	II	40.2	A				
Fire Station to Winter Park Dr	45	623	Signal	141.2	131.3	II	3.0	F				
Winter Park Dr to SR 436	45	110	Signal	12.3	10.3	II	6.1	F	11.5	F		
TOTAL		32,871		803.2	312.2						27.9	0.34 gal/veh