

TABLE C13.1a
Year 2014 Seminole County Travel Time & Delay Study
Howell Branch 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												
Lakemont Ave. to Lake Howell Rd.	40	1,267	Signal	42.6	15.0	II	20.3	D				
Lake Howell Rd. to Plaza Entrance	40	1,637	Signal	30.6	0.0	II	36.5	A				
Plaza Entrance to SR 436	40	1,003	Signal	63.6	36.6	II	10.8	F	19.5	D		
SR 436 to Eastbrook Blvd.	40	4,277	Signal	83.4	3.6	II	35.0	B	35.0	B		
Eastbrook Blvd. to Dike Rd.	40	2,482	Signal	60.0	14.4	II	28.2	B				
Dike Rd. to Emergency Signal	40	2,376	Signal	41.4	0.0	II	39.1	A				
Emergency signal to Dodd Rd.	40	1,267	Signal	30.0	4.2	II	28.8	B	31.8	B		
Dodd Rd. to Old Howell Branch Rd.	40	1,795	Signal	32.4	0.0	II	37.8	A				
Old Howell Branch Rd. to SR 426	40	2,851	Signal	135.0	31.2	II	14.4	E	18.9	D		
TOTAL		18,955		519.0	105.0						24.9	0.127 gal/veh
PM PEAK HOUR												
Lakemont Ave. to Lake Howell Rd.	40	1,267	Signal	74.4	23.4	II	11.6	F				
Lake Howell Rd. to Plaza Entrance	40	1,637	Signal	32.4	0.0	II	34.4	B				
Plaza Entrance to SR 436	40	1,003	Signal	72.6	40.2	II	9.4	F	14.8	E		
SR 436 to Eastbrook Blvd.	40	4,277	Signal	83.4	0.0	II	35.0	B	35.0	B		
Eastbrook Blvd. to Dike Rd.	40	2,482	Signal	56.4	5.4	II	30.0	B				
Dike Rd. to Emergency Signal	40	2,376	Signal	42.6	0.0	II	38.0	A				
Emergency signal to Dodd Rd.	40	1,267	Signal	28.8	1.2	II	30.0	B	32.7	B		
Dodd Rd. to Old Howell Branch Rd.	40	1,795	Signal	42.0	6.0	II	29.1	B				
Old Howell Branch Rd. to SR 426	40	2,851	Signal	142.2	76.8	II	13.7	E	17.2	D		
TOTAL		18,955		574.8	153.0						22.5	0.128 gal/veh

TABLE C13.1b
Year 2014 Seminole County Travel Time & Delay Study
Howell Branch 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 Old Howell Branch Rd.	40	2,851	Signal	57.6	1.2	II	33.7	B				
Old Howell Branch Rd. to Dodd Rd.	40	1,795	Signal	38.4	3.6	II	31.9	B	33.0	B		
Dodd Rd. to Emergency Signal	40	1,267	Signal	22.8	0.0	II	37.9	A				
Emergency Signal to Dike Rd.	40	2,376	Signal	67.2	21.0	II	24.1	C				
Dike Rd. to Eastbrook Blvd.	40	2,482	Signal	47.4	1.8	II	35.7	A	30.4	B		
Eastbrook Blvd. to SR 436	40	4,277	Signal	134.4	49.2	II	21.7	D	21.7	D		
SR 436 to Plaza Entrance	40	1,003	Signal	22.8	0.0	II	30.0	B				
Plaza Entrance to Lake Howell Rd.	40	1,637	Signal	75.6	16.8	II	14.8	E				
Lake Howell Rd. to Lakemont Ave.	40	1,267	Stop	24.6	0.0	II	35.1	A	21.7	D		
TOTAL		18,955		490.8	93.6						26.3	0.127 gal/veh
PM PEAK HOUR												
SR 426 to Old Howell Branch Rd.	40	2,851	Signal	67.2	3.0	II	28.9	B				
Old Howell Branch Rd. to Dodd Rd.	40	1,795	Signal	43.2	5.4	II	28.3	B	28.7	B		
Dodd Rd. to Emergency Signal	40	1,267	Signal	24.0	0.0	II	36.0	A				
Emergency Signal to Dike Rd.	40	2,376	Signal	54.6	0.6	II	29.7	B				
Dike Rd. to Eastbrook Blvd.	40	2,482	Signal	48.0	1.8	II	35.2	A	33.0	B		
Eastbrook Blvd. to SR 436	40	4,277	Signal	121.8	15.0	II	23.9	C	23.9	C		
SR 436 to Plaza Entrance	40	1,003	Signal	24.6	1.2	II	27.8	C				
Plaza Entrance to Lake Howell Rd.	40	1,637	Signal	50.4	7.8	II	22.1	C				
Lake Howell Rd. to Lakemont Ave.	40	1,267	Stop	21.6	0.0	II	40.0	A	27.6	C		
TOTAL		18,955		455.4	34.8						28.4	0.126 gal/veh