

TABLE C13.1a
Year 2015 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	73.8	22.8	II	11.7	F				
Lake Howell Rd. to Plaza Entrance	40	1,637	Signal	42.6	9.6	II	26.2	C				
Plaza Entrance to SR 436	40	1,003	Signal	60.6	20.4	II	11.3	F	15.1	E		
SR 436 to Eastbrook Blvd.	40	4,277	Signal	78.6	1.2	II	37.1	A	37.1	A		
Eastbrook Blvd. to Dike Rd.	40	2,482	Signal	111.6	61.8	II	15.2	E				
Dike Rd. to Emergency Signal	40	2,376	Signal	42.0	0.0	II	38.6	A				
Emergency signal to Dodd Rd.	40	1,267	Signal	39.0	4.8	II	22.2	C	21.7	D		
Dodd Rd. to Old Howell Branch Rd.	40	1,795	Signal	40.8	4.8	II	30.0	B				
Old Howell Branch Rd. to SR 426	40	2,851	Signal	142.8	79.8	II	13.6	E	17.3	D		
TOTAL		18,955		631.8	205.2						20.5	0.127 gal/veh
PM PEAK HOUR												
Lakemont Ave. to Lake Howell Rd.	40	1,267	Signal	100.2	44.4	II	8.6	F				
Lake Howell Rd. to Plaza Entrance	40	1,637	Signal	68.4	22.8	II	16.3	E				
Plaza Entrance to SR 436	40	1,003	Signal	92.4	47.4	II	7.4	F	10.2	F		
SR 436 to Eastbrook Blvd.	40	4,277	Signal	79.8	0.6	II	36.5	A	36.5	A		
Eastbrook Blvd. to Dike Rd.	40	2,482	Signal	55.8	9.0	II	30.3	B				
Dike Rd. to Emergency Signal	40	2,376	Signal	40.2	0.0	II	40.3	A				
Emergency signal to Dodd Rd.	40	1,267	Signal	28.8	3.0	II	30.0	B	33.5	B		
Dodd Rd. to Old Howell Branch Rd.	40	1,795	Signal	46.2	11.4	II	26.5	C				
Old Howell Branch Rd. to SR 426	40	2,851	Signal	169.8	106.8	II	11.4	F	14.7	E		
TOTAL		18,955		681.6	245.4						19.0	0.128 gal/veh

TABLE C13.1b
Year 2015 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	66.6	12.6	II	29.2	B				
Old Howell Branch Rd. to Dodd Rd.	40	1,795	Signal	42.6	5.4	II	28.7	B	29.0	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	85.8	4.2	II	18.9	D				
Dike Rd. to Eastbrook Blvd.	40	2,482	Signal	43.8	0.0	II	38.6	A	27.4	C		
Eastbrook Blvd. to SR 436	40	4,277	Signal	165.0	34.2	II	17.7	D	17.7	D		
SR 436 to Plaza Entrance	40	1,003	Signal	31.8	7.2	II	21.5	D				
Plaza Entrance to Lake Howell Rd.	40	1,637	Signal	95.4	36.0	II	11.7	F				
Lake Howell Rd. to Lakemont Ave.	40	1,267	Stop	22.8	0.0	II	37.9	A	17.8	D		
TOTAL		18,955		576.6	99.6						22.4	0.127 gal/veh
PM PEAK HOUR												
SR 426 to Old Howell Branch Rd.	40	2,851	Signal	62.4	10.8	II	31.2	B				
Old Howell Branch Rd. to Dodd Rd.	40	1,795	Signal	42.0	7.8	II	29.1	B	30.3	B		
Dodd Rd. to Emergency Signal	40	1,267	Signal	21.6	0.0	II	40.0	A				
Emergency Signal to Dike Rd.	40	2,376	Signal	64.8	12.6	II	25.0	C				
Dike Rd. to Eastbrook Blvd.	40	2,482	Signal	46.2	1.8	II	36.6	A	31.5	B		
Eastbrook Blvd. to SR 436	40	4,277	Signal	133.2	42.6	II	21.9	D	21.9	D		
SR 436 to Plaza Entrance	40	1,003	Signal	21.6	0.0	II	31.7	B				
Plaza Entrance to Lake Howell Rd.	40	1,637	Signal	61.8	28.2	II	18.1	D				
Lake Howell Rd. to Lakemont Ave.	40	1,267	Stop	33.0	9.6	II	26.2	C	22.9	C		
TOTAL		18,955		486.6	113.4						26.6	0.125 gal/veh