

TABLE C13.1a
Year 2017 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	35.4	4.8	I	24.4	C				
Lake Howell Rd. to Plaza Entrance	40	1,637	Signal	33.0	0.0	I	33.8	B				
Plaza Entrance to SR 436	40	1,003	Signal	56.4	25.2	I	12.1	F	21.3	D		
SR 436 to Eastbrook Blvd.	40	4,277	Signal	92.4	9.6	I	31.6	B	31.6	B		
Eastbrook Blvd. to Dike Rd.	40	2,482	Signal	79.2	24.0	I	21.4	D				
Dike Rd. to Emergency Signal	40	2,376	Signal	43.2	0.0	I	37.5	B				
Emergency signal to Dodd Rd.	40	1,267	Signal	33.0	6.0	I	26.2	C	26.9	C		
Dodd Rd. to Old Howell Branch Rd.	40	1,795	Signal	55.2	14.4	I	22.2	D				
Old Howell Branch Rd. to SR 426	40	2,851	Signal	137.4	52.8	I	14.1	F	16.4	E		
TOTAL		18,955		565.2	136.8						22.9	0.127 gal/veh
PM PEAK HOUR												
Lakemont Ave. to Lake Howell Rd.	40	1,267	Signal	100.2	49.8	I	8.6	F				
Lake Howell Rd. to Plaza Entrance	40	1,637	Signal	64.8	20.4	I	17.2	E				
Plaza Entrance to SR 436	40	1,003	Signal	112.8	55.8	I	6.1	F	9.6	F		
SR 436 to Eastbrook Blvd.	40	4,277	Signal	93.6	9.0	I	31.2	B	31.2	B		
Eastbrook Blvd. to Dike Rd.	40	2,482	Signal	54.6	5.4	I	31.0	C				
Dike Rd. to Emergency Signal	40	2,376	Signal	42.0	0.0	I	38.6	B				
Emergency signal to Dodd Rd.	40	1,267	Signal	24.6	1.8	I	35.1	B	34.5	B		
Dodd Rd. to Old Howell Branch Rd.	40	1,795	Signal	45.0	7.2	I	27.2	C				
Old Howell Branch Rd. to SR 426	40	2,851	Signal	175.8	100.8	I	11.1	F	14.3	F		
TOTAL		18,955		713.4	250.2						18.1	0.131 gal/veh

TABLE C13.1b
Year 2017 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	73.2	16.2	I	26.6	C				
Old Howell Branch Rd. to Dodd Rd.	40	1,795	Signal	40.2	3.6	I	30.4	C	27.9	C		
Dodd Rd. to Emergency Signal	40	1,267	Signal	23.4	0.0	I	36.9	B				
Emergency Signal to Dike Rd.	40	2,376	Signal	67.8	16.2	I	23.9	C				
Dike Rd. to Eastbrook Blvd.	40	2,482	Signal	53.4	5.4	I	31.7	B	28.9	C		
Eastbrook Blvd. to SR 436	40	4,277	Signal	142.2	35.4	I	20.5	D	20.5	D		
SR 436 to Plaza Entrance	40	1,003	Signal	22.2	0.0	I	30.8	C				
Plaza Entrance to Lake Howell Rd.	40	1,637	Signal	32.4	0.0	I	34.4	B				
Lake Howell Rd. to Lakemont Ave.	40	1,267	SS Stop	21.6	0.0	I	40.0	B	35.0	B		
TOTAL		18,955		476.4	76.8						27.1	0.127 gal/veh
PM PEAK HOUR												
SR 426 to Old Howell Branch Rd.	40	2,851	Signal	80.4	13.8	I	24.2	C				
Old Howell Branch Rd. to Dodd Rd.	40	1,795	Signal	45.6	3.0	I	26.8	C	25.1	C		
Dodd Rd. to Emergency Signal	40	1,267	Signal	22.8	0.0	I	37.9	B				
Emergency Signal to Dike Rd.	40	2,376	Signal	45.0	0.0	I	36.0	B				
Dike Rd. to Eastbrook Blvd.	40	2,482	Signal	48.6	0.6	I	34.8	B	35.9	B		
Eastbrook Blvd. to SR 436	40	4,277	Signal	139.8	31.8	I	20.9	D	20.9	D		
SR 436 to Plaza Entrance	40	1,003	Signal	22.2	0.0	I	30.8	C				
Plaza Entrance to Lake Howell Rd.	40	1,637	Signal	84.0	42.0	I	13.3	F				
Lake Howell Rd. to Lakemont Ave.	40	1,267	SS Stop	22.8	0.0	I	37.9	B	20.7	D		
TOTAL		18,955		511.2	91.2						25.3	0.127 gal/veh