

TABLE C65.1a
Year 2015 Seminole County Travel Time & Delay Study
Derbyshire 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	Avg. Fuel
							(mph)	LOS	(mph)	LOS	(mph)	Consump.
AM PEAK HOUR												
Spartan Dr. to Birchwood Dr.	20	634	Stop	23.4	0.0	IV	18.5	C	18.5	C		
Birchwood Dr. to Derbyshire Rd.	20	1,267	Stop	41.4	0.0	IV	20.9	B				
Derbyshire Rd. to Oxford Rd.	25	3,115	4-Way Stop	96.6	0.6	IV	22.0	B				
Oxford Rd to Kewannee Tr.	25	2,798	4-Way Stop	90.0	0.6	IV	21.2	B				
Kewannee Tr. to SR 436	25	4,435	Signal	190.2	55.8	IV	15.9	C	18.9	C		
TOTAL		12,250		441.6	57.0						18.9	0.089 gal/veh
PM PEAK HOUR												
Spartan Dr. to Birchwood Dr.	20	634	Stop	21.6	0.0	IV	20.0	B	20.0	B		
Birchwood Dr. to Derbyshire Rd.	20	1,267	Stop	40.8	0.0	IV	21.2	B				
Derbyshire Rd. to Oxford Rd.	25	3,115	4-Way Stop	92.4	0.6	IV	23.0	B				
Oxford Rd to Kewannee Tr.	25	2,798	4-Way Stop	85.8	0.6	IV	22.2	B				
Kewannee Tr. to SR 436	25	4,435	Signal	184.8	13.8	IV	16.4	C	19.6	B		
TOTAL		12,250		425.4	15.0						19.6	0.089 gal/veh

TABLE C65.1b
Year 2015 Seminole County Travel Time & Delay Study
Derbyshire 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 436 to Kewanee Tr.	25	4,435	4-Way Stop	124.2	0.6	IV	24.3	B				
Kewanee Tr. to Oxford Rd.	25	2,798	4-Way Stop	94.8	1.2	IV	20.1	B				
Oxford Rd. to Derbyshire Rd.	25	3,115	Stop	96.0	1.8	IV	22.1	B				
Derbyshire Rd. to Birchwood Dr.	20	1,267	Stop	48.6	1.2	IV	17.8	C	21.8	B		
Birchwood Dr. to Spartan Dr.	20	634	Stop	27.0	3.0	IV	16.0	C	16.0	C		
TOTAL		12,250		390.6	7.8						21.4	0.091 gal/veh
PM PEAK HOUR												
SR 436 to Kewanee Tr.	25	4,435	4-Way Stop	119.4	0.6	IV	25.3	A				
Kewanee Tr. to Oxford Rd.	25	2,798	4-Way Stop	93.0	1.2	IV	20.5	B				
Oxford Rd. to Derbyshire Rd.	25	3,115	Stop	90.0	0.6	IV	23.6	B				
Derbyshire Rd. to Birchwood Dr.	20	1,267	Stop	46.2	0.6	IV	18.7	C	22.7	B		
Birchwood Dr. to Spartan Dr.	20	634	Stop	27.6	4.2	IV	15.7	C	15.7	C		
TOTAL		12,250		376.2	7.2						22.2	0.090 gal/veh