

TABLE C4.1a
Year 2017 Seminole County Travel Time & Delay Study
Chapman 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												
SR 426 to Woodpecker Ln.	40	1,637	Signal	33.0	3.0	I	33.8	B				
Woodpecker Ln. to Wembley Pl.	40	1,795	SS Stop	29.4	0.0	I	41.6	A	37.5	B		
Wembley Pl. to SR 434	40	4,805	Signal	149.4	45.0	I	21.9	D	21.9	D		
Total		8,237		211.8	48.0						26.5	0.054 gal/veh
PM PEAK HOUR												
SR 426 to Woodpecker Ln.	40	1,637	Signal	30.6	0.0	I	36.5	B				
Woodpecker Ln. to Wembley Pl.	40	1,795	SS Stop	29.4	0.0	I	41.6	A	39.0	B		
Wembley Pl. to SR 434	40	4,805	Signal	153.0	60.6	I	21.4	D	21.4	D		
Total		8,237		213.0	60.6						26.4	0.055 gal/veh

TABLE C4.1b
Year 2017 Seminole County Travel Time & Delay Study
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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 434 to Wembley Pl.	40	4,805	SS Stop	78.6	0.0	I	41.7	A	41.7	A		
Wembley Pl. to Woodpecker Ln.	40	1,795	Signal	33.0	2.4	I	37.1	B				
Woodpecker Ln. to SR 426	35	1,637	Signal	109.2	70.8	II	10.2	E	16.5	D		
TOTAL		8,237		220.8	73.2						25.4	0.054 gal/veh
PM PEAK HOUR												
SR 434 to Wembley Pl.	40	4,805	SS Stop	79.8	0.0	I	41.1	A	41.1	A		
Wembley Pl. to Woodpecker Ln.	40	1,795	Signal	30.0	0.0	I	40.8	A				
Woodpecker Ln. to SR 426	35	1,637	Signal	80.4	29.4	II	13.9	D	21.2	C		
TOTAL		8,237		190.2	29.4						29.5	0.054 gal/veh