

TABLE C4.1a
Year 2015 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.	45	1,637	Signal	30.0	0.0	II	37.2	A				
Woodpecker Ln. to Wembley Pl.	45	1,795	Stop	28.8	0.0	II	42.5	A	39.8	A		
Wembley Pl. to SR 434	45	4,805	Signal	192.6	71.4	II	17.0	D	17.0	D		
Total		8,237		251.4	71.4						22.3	0.054 gal/veh
PM PEAK HOUR												
SR 426 to Woodpecker Ln.	45	1,637	Signal	32.4	0.0	II	34.4	B				
Woodpecker Ln. to Wembley Pl.	45	1,795	Stop	28.8	0.0	II	42.5	A	38.2	A		
Wembley Pl. to SR 434	45	4,805	Signal	125.4	33.6	II	26.1	C	26.1	C		
Total		8,237		186.6	33.6						30.1	0.054 gal/veh

TABLE C4.1b
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Chapman 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 434 to Wembley Pl.	45	4,805	Stop	74.4	0.0	II	44.0	A	44.0	A		
Wembley Pl. to Woodpecker Ln.	45	1,795	Signal	28.2	0.0	II	43.4	A				
Woodpecker Ln. to SR 426	45	1,637	Signal	110.4	41.4	II	10.1	F	16.9	E		
TOTAL		8,237		213.0	41.4						26.4	0.054 gal/veh
PM PEAK HOUR												
SR 434 to Wembley Pl.	45	4,805	Stop	75.0	0.0	II	43.7	A	43.7	A		
Wembley Pl. to Woodpecker Ln.	45	1,795	Signal	30.0	1.8	II	40.8	A				
Woodpecker Ln. to SR 426	45	1,637	Signal	97.8	63.0	II	11.4	F	18.3	D		
TOTAL		8,237		202.8	64.8						27.7	0.053 gal/veh