

TABLE S3.1c
Year 2017 Seminole County Travel Time & Delay Study
SR 434 (Part C) - Eastbound Direction Summary

Roadway Segment	Speed Limit	Distance (ft)	Traffic Control	Travel Time	Stop Delay	Roadway Class	Roadway Segment		Roadway Section		Roadway Summary	
	(mph)		Device	(sec)	(sec)		Average Speed		Average Speed		Avg. Speed (mph)	Avg. Fuel Consump.
							(mph)	LOS	(mph)	LOS		
AM PEAK HOUR - Part C												
SR 419 to Consolidated Services/Orange Ave.	50	950	Signal	19.2	3.0	I	33.7	B	26.4	C		
Consolidated/Orange Ave. to Winding Hollow Blvd.	50	2,376	Signal	39.6	0.0	I	40.9	A				
Winding Hollow Blvd. to Central Winds Park	50/45	3,802	Signal	76.2	4.8	I	34.0	B				
Central Winds Park to Doran Rd.	45	2,218	Signal	48.6	0.6	I	31.1	B				
Doran Rd. to Tuskawilla Rd.	45	1,426	Signal	94.2	43.2	I	10.3	F	42.5	A		
Tuskawilla Rd. to Spring Ave.	50	8,923	SS Stop	132.6	0.0	I	45.9	A				
Spring Ave. to Vistawilla Dr.	50	1,056	Signal	27.6	8.4	I	26.1	C				
Vistawilla Drive to SR 417 (S. Ramps)	45	1,690	Signal	27.0	0.0	I	42.7	A				
SR 417 (S. Ramps) to SR 417 (N. Ramps)	45	581	Signal	26.4	9.6	I	15.0	F	31.9	B		
SR 417 (N. Ramps) to Palm Dr.	45	1,162	SS Stop	30.6	6.6	I	25.9	C				
Palm Dr. to De Leon St.	45	4,330	SS Stop	72.6	0.0	I	40.7	A				
De Leon St. to Magnolia St.	45/40	4,805	Signal	84.0	1.8	I	39.0	B				
Magnolia St. to SR 426/CR 419	40/30	2,482	Signal	119.4	28.8	II	14.2	D	24.4	B		
SR 426/CR 419 to Clark St.	30/35	1,320	SS Stop	28.8	0.0	II	31.2	A				
Clark St. to Mitchell Hammock Rd.	35/45	3,960	Signal	133.2	54.6	I	20.3	D				
Mitchell Hammock Rd. to Alafaya Woods Blvd.	45	2,376	Signal	52.2	7.2	I	31.0	B				
Alafaya Woods Blvd. to Chapman Rd.	50	3,010	Signal	147.0	42.6	I	14.0	F	24.4	C		
Chapman Rd. to Stillwater Dr.	50	3,221	SS Stop	48.0	0.0	I	45.7	A				
Stillwater Dr. to Carrigan Ave.	50	2,112	Signal	48.6	9.6	I	29.6	C				
Carrigan Ave. to Econ River Pl.	50	845	SS Stop	13.8	0.0	I	41.7	A				
Econ River Pl. to E. Palm Valley Dr.	50	3,062	Signal	49.2	0.0	I	42.4	A	25.3	C		
E. Palm Valley Dr. to McCulloch Rd.	50	1,373	Signal	61.2	24.6	I	15.3	E				
TOTAL		57,077		1,380.0	245.4						28.2	0.376 gal/veh
PM PEAK HOUR - Part C												
SR 419 to Consolidated Services/Orange Ave.	50	950	Signal	27.6	5.4	I	23.5	C	28.9	C		
Consolidated/Orange Ave. to Winding Hollow Blvd.	50	2,376	Signal	66.0	15.6	I	24.5	C				
Winding Hollow Blvd. to Central Winds Park	50/45	3,802	Signal	58.2	0.0	I	44.5	A				
Central Winds Park to Doran Rd.	45	2,218	Signal	40.2	2.4	I	37.6	B				
Doran Rd. to Tuskawilla Rd.	45	1,426	Signal	61.8	25.2	I	15.7	E	38.5	B		
Tuskawilla Rd. to Spring Ave.	50	8,923	SS Stop	131.4	0.0	I	46.3	A				
Spring Ave. to Vistawilla Dr.	50	1,056	Signal	27.6	5.4	I	26.1	C				
Vistawilla Drive to SR 417 (S. Ramps)	45	1,690	Signal	47.4	10.8	I	24.3	C				
SR 417 (S. Ramps) to SR 417 (N. Ramps)	45	581	Signal	11.4	0.0	I	34.7	B	37.5	B		
SR 417 (N. Ramps) to Palm Dr.	45	1,162	SS Stop	24.6	0.0	I	32.2	B				
Palm Dr. to De Leon St.	45	4,330	SS Stop	74.4	0.0	I	39.7	B				
De Leon St. to Magnolia St.	45/40	4,805	Signal	99.6	9.0	I	32.9	B				
Magnolia St. to SR 426/CR 419	40/30	2,482	Signal	111.0	31.2	II	15.2	D	23.6	B		
SR 426/CR 419 to Clark St.	30/35	1,320	SS Stop	42.6	0.0	II	21.1	C				
Clark St. to Mitchell Hammock Rd.	35/45	3,960	Signal	239.4	130.8	I	11.3	F				
Mitchell Hammock Rd. to Alafaya Woods Blvd.	45	2,376	Signal	60.6	11.4	I	26.7	C				
Alafaya Woods Blvd. to Chapman Rd.	50	3,010	Signal	96.0	28.8	I	21.4	D	15.2	E		
Chapman Rd. to Stillwater Dr.	50	3,221	SS Stop	48.0	0.0	I	45.7	A				
Stillwater Dr. to Carrigan Ave.	50	2,112	Signal	30.0	0.0	I	48.0	A				
Carrigan Ave. to Econ River Pl.	50	845	SS Stop	12.6	0.0	I	45.7	A				
Econ River Pl. to E. Palm Valley Dr.	50	3,062	Signal	48.6	2.4	I	43.0	A	28.9	C		
E. Palm Valley Dr. to McCulloch Rd.	50	1,373	Signal	86.4	30.6	I	10.8	F				
TOTAL		57,077		1,445.4	309.0						26.9	0.376 gal/veh

TABLE S3.2c
Year 2017 Seminole County Travel Time & Delay Study
SR 434 (Part C) - Westbound Direction Summary

Roadway Segment	Speed Limit	Distance (ft)	Traffic Control	Travel Time	Stop Delay	Roadway Class	Roadway Segment		Roadway Section		Roadway Summary					
	(mph)		Device	(sec)	(sec)		Average Speed		Average Speed		Avg. Speed (mph)	Avg. Fuel Consump.				
							(mph)	LOS	(mph)	LOS						
AM PEAK HOUR - Part C																
McCulloch Rd to E. Palm Valley Dr.	50	1,373	Signal	28.2	4.8	I	33.2	B	37.7	B						
E. Palm Valley Dr. to Econ River Pl.	50	3,062	SS Stop	40.8	0.0	I	51.2	A								
Econ River Pl. to Carrigan Ave.	50	845	Signal	13.2	0.0	I	43.6	A								
Carrigan Ave. to Stillwater Dr.	50	2,112	SS Stop	28.2	0.0	I	51.1	A								
Stillwater Dr. to Chapman Rd.	50	3,221	Signal	84.6	8.4	I	26.0	C								
Chapman Rd. to Alafaya Woods Blvd.	50	3,010	Signal	51.6	3.6	I	39.8	B	18.2	C						
Alafaya Woods Blvd. to Mitchell Hammock Rd.	45	2,376	Signal	84.6	32.4	I	19.1	D								
Mitchell Hammock Rd. to Clark St.	45/35	3,960	SS Stop	84.6	6.6	I	31.9	B								
Clark St. to SR 426/CR 419	35/30	1,531	Signal	124.8	43.2	II	8.4	F								
SR 426/CR 419 to Magnolia St.	30/40	2,534	Signal	114.0	37.2	II	15.2	D								
Magnolia St. to De Leon St.	40	4,805	SS Stop	85.2	0.0	I	38.4	B	25.1	C						
De Leon St. to Palm Dr.	45/40	4,330	SS Stop	81.0	3.0	I	36.4	B								
Palm Dr. to SR 417 (N. Ramps)	45	1,162	Signal	37.8	1.2	I	21.0	D								
SR 417 (N. Ramps) to SR 417 (S. Ramps)	45	581	Signal	16.8	2.4	I	23.6	C								
SR 417 (S. Ramps) to Vistawilla Dr.	45/50	1,690	Signal	33.0	3.0	I	34.9	B								
Vistawilla Dr. to Spring Ave.	50	1,056	SS Stop	16.2	0.0	I	44.4	A	39.8	B						
Spring Ave. to Tuskawilla Rd.	45/50	8,923	Signal	150.6	18.0	I	40.4	A								
Tuskawilla Rd. to Doran Rd.	45	1,426	Signal	46.8	4.2	I	20.8	D								
Doran Rd. to Central Winds Park	45	2,218	Signal	76.2	10.8	I	19.8	D								
Central Winds Park to Winding Hollow Blvd.	50	3,802	Signal	79.8	0.6	I	32.5	B								
Winding Hollow Blvd. to Consolidated/Orange Ave.	50	2,376	Signal	36.0	0.0	I	45.0	A	27.4	C						
Consolidated/Orange Ave. to SR 419	50	950	Signal	29.4	0.0	I	22.0	D								
TOTAL		57,341		1,343.4	179.4										29.1	0.377 gal/veh
PM PEAK HOUR - Part C																
McCulloch Rd to E. Palm Valley Dr.	50	1,373	Signal	36.0	0.0	I	26.0	C					39.2	B		
E. Palm Valley Dr. to Econ River Pl.	50	3,062	SS Stop	43.2	0.0	I	48.3	A								
Econ River Pl. to Carrigan Ave.	50	845	Signal	15.6	1.8	I	36.9	B								
Carrigan Ave. to Stillwater Dr.	50	2,112	SS Stop	29.4	0.0	I	49.0	A								
Stillwater Dr. to Chapman Rd.	50	3,221	Signal	64.2	12.6	I	34.2	B								
Chapman Rd. to Alafaya Woods Blvd.	50	3,010	Signal	48.6	0.0	I	42.2	A	11.3	E						
Alafaya Woods Blvd. to Mitchell Hammock Rd.	45	2,376	Signal	207.6	118.8	I	7.8	F								
Mitchell Hammock Rd. to Clark St.	45/35	3,960	SS Stop	88.8	0.6	I	30.4	C								
Clark St. to SR 426/CR 419	35/30	1,531	Signal	180.0	112.2	II	5.8	F								
SR 426/CR 419 to Magnolia St.	30/40	2,534	Signal	120.0	39.0	II	14.4	D								
Magnolia St. to De Leon St.	40	4,805	SS Stop	84.0	0.0	I	39.0	B	24.5	C						
De Leon St. to Palm Dr.	45/40	4,330	SS Stop	73.2	0.0	I	40.3	A								
Palm Dr. to SR 417 (N. Ramps)	45	1,162	Signal	33.0	7.8	I	24.0	C								
SR 417 (N. Ramps) to SR 417 (S. Ramps)	45	581	Signal	13.2	0.0	I	30.0	C								
SR 417 (S. Ramps) to Vistawilla Dr.	45/50	1,690	Signal	26.4	0.0	I	43.6	A								
Vistawilla Dr. to Spring Ave.	50	1,056	SS Stop	15.6	0.0	I	46.2	A	40.9	A						
Spring Ave. to Tuskawilla Rd.	45/50	8,923	Signal	152.4	18.0	I	39.9	B								
Tuskawilla Rd. to Doran Rd.	45	1,426	Signal	33.6	3.6	I	28.9	C								
Doran Rd. to Central Winds Park	45	2,218	Signal	43.2	6.0	I	35.0	B								
Central Winds Park to Winding Hollow Blvd.	50	3,802	Signal	82.8	12.6	I	31.3	B								
Winding Hollow Blvd. to Consolidated/Orange Ave.	50	2,376	Signal	40.2	0.0	I	40.3	A	29.4	C						
Consolidated/Orange Ave. to SR 419	50	950	Signal	49.8	26.4	I	13.0	F								
TOTAL		57,341		1,480.8	359.4										26.4	0.380 gal/veh