

TABLE S3.1c
Year 2015 Seminole County Travel Time & Delay Study
SR 434 (Part C) - Eastbound Direction Summary

Roadway Segment	Speed Limit	Distance	Traffic Control	Travel Time	Stop Delay	Roadway Class	Roadway Segment		Roadway Section		Roadway Summary	
	(mph)	(ft)	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	18.0	0.0	I	36.0	B				
Consolidated/Orange Ave. to Winding Hollow Blvd.	50	2,376	Signal	58.8	12.0	I	27.6	C				
Winding Hollow Blvd. to Central Winds Park	50/45	3,802	Signal	69.0	0.0	I	37.6	B				
Central Winds Park to Doran Rd.	45	2,218	Signal	43.8	4.2	I	34.5	B				
Doran Rd. to Tuskawilla Rd.	45	1,426	Signal	49.8	9.0	I	19.5	E	30.7	C		
Tuskawilla Rd. to Spring Ave.	50	8,923	Stop	128.4	0.0	I	47.4	A				
Spring Ave. to Vistawilla Dr.	50	1,056	Signal	22.2	3.0	I	32.4	C				
Vistawilla Drive to SR 417 (S. Ramps)	45	1,690	Signal	33.0	2.4	I	34.9	B	43.3	A		
SR 417 (S. Ramps) to SR 417 (N. Ramps)	45	581	Signal	12.6	0.0	I	31.4	C				
SR 417 (N. Ramps) to Palm Dr.	45	1,162	Stop	20.4	0.0	I	38.8	B				
Palm Dr. to De Leon St.	45	4,330	Stop	87.6	9.0	I	33.7	C	34.3	B		
De Leon St. to Magnolia St.	45/40	4,805	Signal	96.6	6.6	II	33.9	B				
Magnolia St. to SR 426/CR 419	40/30	2,482	Signal	121.8	30.0	II	13.9	E	22.7	C		
SR 426/CR 419 to Clark St.	30/35	1,320	Stop	32.4	0.0	II	27.8	C				
Clark St. to Mitchell Hammock Rd.	35/45	3,960	Signal	137.4	19.2	II	19.7	D				
Mitchell Hammock Rd. to Alafaya Woods Blvd.	45	2,376	Signal	55.8	0.0	II	29.0	B	23.1	C		
Alafaya Woods Blvd. to Chapman Rd.	50	3,010	Signal	80.4	10.2	II	25.5	C				
Chapman Rd. to Stillwater Dr.	50	3,221	Stop	47.4	0.0	II	46.3	A				
Stillwater Dr. to Carrigan Ave.	50	2,112	Signal	45.0	2.4	II	32.0	B				
Carrigan Ave. to Econ River Pl.	50	845	Stop	13.8	0.0	II	41.7	A				
Econ River Pl. to E. Palm Valley Dr.	50	3,062	Signal	64.8	5.4	II	32.2	B				
E. Palm Valley Dr. to McCulloch Rd.	50	1,373	Signal	50.4	6.0	II	18.6	D	30.8	B		
TOTAL		57,077		1,289.4	119.4						30.2	0.375 gal/veh
PM PEAK HOUR - Part C												
SR 419 to Consolidated Services/Orange Ave.	50	950	Signal	15.6	0.0	I	41.5	B				
Consolidated/Orange Ave. to Winding Hollow Blvd.	50	2,376	Signal	46.8	6.0	I	34.6	B				
Winding Hollow Blvd. to Central Winds Park	50/45	3,802	Signal	56.4	0.0	I	46.0	A				
Central Winds Park to Doran Rd.	45	2,218	Signal	44.4	4.2	I	34.1	B				
Doran Rd. to Tuskawilla Rd.	45	1,426	Signal	29.4	1.2	I	33.1	C	38.1	B		
Tuskawilla Rd. to Spring Ave.	50	8,923	Stop	126.6	0.0	I	48.1	A				
Spring Ave. to Vistawilla Dr.	50	1,056	Signal	22.8	4.2	I	31.6	C				
Vistawilla Drive to SR 417 (S. Ramps)	45	1,690	Signal	29.4	0.0	I	39.2	B	44.5	A		
SR 417 (S. Ramps) to SR 417 (N. Ramps)	45	581	Signal	12.6	0.0	I	31.4	C				
SR 417 (N. Ramps) to Palm Dr.	45	1,162	Stop	24.0	0.0	I	33.0	C				
Palm Dr. to De Leon St.	45	4,330	Stop	76.2	0.0	I	38.7	B	36.7	B		
De Leon St. to Magnolia St.	45/40	4,805	Signal	89.4	1.2	II	36.6	A				
Magnolia St. to SR 426/CR 419	40/30	2,482	Signal	192.0	100.8	II	8.8	F	17.7	D		
SR 426/CR 419 to Clark St.	30/35	1,320	Stop	54.0	20.4	II	16.7	E				
Clark St. to Mitchell Hammock Rd.	35/45	3,960	Signal	204.6	90.6	II	13.2	E				
Mitchell Hammock Rd. to Alafaya Woods Blvd.	45	2,376	Signal	55.8	10.8	II	29.0	B	16.6	E		
Alafaya Woods Blvd. to Chapman Rd.	50	3,010	Signal	63.6	13.2	II	32.3	B				
Chapman Rd. to Stillwater Dr.	50	3,221	Stop	61.2	0.6	II	35.9	A				
Stillwater Dr. to Carrigan Ave.	50	2,112	Signal	33.0	1.2	II	43.6	A				
Carrigan Ave. to Econ River Pl.	50	845	Stop	13.2	0.0	II	43.6	A				
Econ River Pl. to E. Palm Valley Dr.	50	3,062	Signal	54.0	4.2	II	38.7	A				
E. Palm Valley Dr. to McCulloch Rd.	50	1,373	Signal	80.4	36.0	II	11.6	F	30.4	B		
TOTAL		57,077		1,385.4	294.6						28.1	0.375 gal/veh

TABLE S3.2c
Year 2015 Seminole County Travel Time & Delay Study
SR 434 (Part C) - Westbound Direction Summary

Roadway Segment	Speed Limit	Distance	Traffic Control	Travel Time	Stop Delay	Roadway Class	Roadway Segment		Roadway Section		Roadway Summary	
	(mph)	(ft)	Device	(sec)	(sec)		Average Speed	LOS	Average Speed	LOS	Avg. Speed	Avg. Fuel Consump.
AM PEAK HOUR - Part C												
McCulloch Rd to E. Palm Valley Dr.	50	1,373	Signal	25.2	1.8	II	37.1	A				
E. Palm Valley Dr. to Econ River Pl.	50	3,062	Stop	43.2	0.0	II	48.3	A				
Econ River Pl. to Carrigan Ave.	50	845	Signal	19.2	2.4	II	30.0	B				
Carrigan Ave. to Stillwater Dr.	50	2,112	Stop	30.6	0.0	II	47.1	A				
Stillwater Dr. to Chapman Rd.	50	3,221	Signal	87.0	22.2	II	25.2	C				
Chapman Rd. to Alafaya Woods Blvd.	50	3,010	Signal	58.8	4.2	II	34.9	B	35.2	A		
Alafaya Woods Blvd. to Mitchell Hammock Rd.	45	2,376	Signal	63.6	8.4	II	25.5	C				
Mitchell Hammock Rd. to Clark St.	45/35	3,960	Stop	91.2	6.6	II	29.6	B				
Clark St. to SR 426/CR 419	35/30	1,531	Signal	145.2	81.0	II	7.2	F	17.9	D		
SR 426/CR 419 to Magnolia St.	30/40	2,534	Signal	91.8	17.4	II	18.8	D				
Magnolia St. to De Leon St.	40	4,805	Stop	87.6	0.0	II	37.4	A	27.9	C		
De Leon St. to Palm Dr.	45/40	4,330	Stop	90.0	9.6	I	32.8	C				
Palm Dr. to SR 417 (N. Ramps)	45	1,162	Signal	31.8	1.2	I	24.9	D				
SR 417 (N. Ramps) to SR 417 (S. Ramps)	45	581	Signal	11.4	0.0	I	34.7	B	31.1	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	Stop	16.2	0.0	I	44.4	A				
Spring Ave. to Tuskawilla Rd.	45/50	8,923	Signal	147.0	9.0	I	41.4	B	42.0	B		
Tuskawilla Rd. to Doran Rd.	45	1,426	Signal	39.6	1.8	I	24.5	D				
Doran Rd. to Central Winds Park	45	2,218	Signal	64.2	23.4	I	23.6	D				
Central Winds Park to Winding Hollow Blvd.	50	3,802	Signal	56.4	0.0	I	46.0	A				
Winding Hollow Blvd. to Consolidated/Orange Ave.	50	2,376	Signal	42.6	0.0	I	38.0	B				
Consolidated/Orange Ave. to SR 419	50	950	Signal	30.0	7.8	I	21.6	D	31.5	C		
TOTAL		57,341		1,299.0	196.8						30.1	0.377 gal/veh
PM PEAK HOUR - Part C												
McCulloch Rd to E. Palm Valley Dr.	50	1,373	Signal	30.6	0.0	II	30.6	B				
E. Palm Valley Dr. to Econ River Pl.	50	3,062	Stop	43.2	0.0	II	48.3	A				
Econ River Pl. to Carrigan Ave.	50	845	Signal	12.6	0.0	II	45.7	A				
Carrigan Ave. to Stillwater Dr.	50	2,112	Stop	30.0	0.0	II	48.0	A				
Stillwater Dr. to Chapman Rd.	50	3,221	Signal	58.2	5.4	II	37.7	A				
Chapman Rd. to Alafaya Woods Blvd.	50	3,010	Signal	44.4	0.0	II	46.2	A	42.4	A		
Alafaya Woods Blvd. to Mitchell Hammock Rd.	45	2,376	Signal	148.2	48.0	II	10.9	F				
Mitchell Hammock Rd. to Clark St.	45/35	3,960	Stop	89.4	1.8	II	30.2	B				
Clark St. to SR 426/CR 419	35/30	1,531	Signal	138.0	62.4	II	7.6	F	14.3	E		
SR 426/CR 419 to Magnolia St.	30/40	2,534	Signal	88.2	15.0	II	19.6	D				
Magnolia St. to De Leon St.	40	4,805	Stop	85.8	0.0	II	38.2	A	28.8	B		
De Leon St. to Palm Dr.	45/40	4,330	Stop	75.0	0.6	I	39.4	B				
Palm Dr. to SR 417 (N. Ramps)	45	1,162	Signal	37.2	13.8	I	21.3	D				
SR 417 (N. Ramps) to SR 417 (S. Ramps)	45	581	Signal	19.2	0.0	I	20.6	E	31.5	C		
SR 417 (S. Ramps) to Vistawilla Dr.	45/50	1,690	Signal	28.2	1.2	I	40.8	B				
Vistawilla Dr. to Spring Ave.	50	1,056	Stop	15.6	0.0	I	46.2	A				
Spring Ave. to Tuskawilla Rd.	45/50	8,923	Signal	136.8	7.2	I	44.5	A	44.1	A		
Tuskawilla Rd. to Doran Rd.	45	1,426	Signal	33.0	0.0	I	29.5	C				
Doran Rd. to Central Winds Park	45	2,218	Signal	43.8	1.2	I	34.5	B				
Central Winds Park to Winding Hollow Blvd.	50	3,802	Signal	59.4	1.8	I	43.6	A				
Winding Hollow Blvd. to Consolidated/Orange Ave.	50	2,376	Signal	45.6	8.4	I	35.5	B				
Consolidated/Orange Ave. to SR 419	50	950	Signal	55.8	25.2	I	11.6	F	30.9	C		
TOTAL		57,341		1,318.2	192.0						29.7	0.378 gal/veh