

TABLE S3.1b
Year 2017 Seminole County Travel Time & Delay Study
SR 434 (Part B) - 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	Avg. Fuel
							(mph)	LOS	(mph)	LOS	(mph)	Consump.
AM PEAK HOUR - Part B												
Markham Woods Rd. to I-4 (W. Ramps)	35	1,003	Signal	26.4	0.0	II	25.9	B				
I-4 (W. Ramps) to I-4 (E. Ramps)	35	422	Signal	9.0	0.0	II	32.0	A	27.5	B		
I-4 (E. Ramps) to Raymond Ave.	35	686	Signal	58.2	26.4	II	8.0	F	8.0	F		
Raymond Ave. to Tarrytown Tr./Roxboro Rd.	35/45	2,587	SS Stop	41.4	0.0	I	42.6	A				
Tarrytown Tr./Roxboro Rd. to Tollgate Tr.	45	1,848	Signal	35.4	1.2	I	35.6	B				
Tollgate Tr. to Palm Springs Dr.	45	898	Signal	19.2	0.0	I	31.9	B	37.9	B		
Palm Springs Dr. to Rangeline Rd.	45	3,062	Signal	78.6	9.0	I	26.6	C	26.6	C		
Rangeline Rd. to Florida Central Pkwy.	45	3,010	Signal	80.4	7.2	I	25.5	C				
Florida Central Pkwy. to CR 427/Ronald Reagan Blvd.	35	2,112	Signal	99.6	45.6	II	14.5	D	19.4	C		
CR 427/Ronald Reagan Blvd. to Grant St.	45	2,640	Signal	67.8	15.0	I	26.5	C				
Grant St. to S. Wayman St.	45	1,373	Signal	24.0	0.0	I	39.0	B				
S. Wayman St. to US 17/92	45	2,165	Signal	106.8	58.2	I	13.8	F	21.2	D		
US 17/92 to Sun Shadow Dr.	45	1,795	Signal	33.6	0.0	I	36.4	B				
Sun Shadow Dr. to N. Winter Park	45	1,426	Signal	43.8	10.8	I	22.2	D				
N. Winter Park to Sheoah Blvd.	45	1,214	Signal	26.4	1.2	I	31.4	B				
Sheoah Blvd. to Edgemon Ave.	45	1,214	Signal	26.4	2.4	I	31.4	B				
Edgemon Ave. to Moss Rd.	45	1,320	Signal	56.4	24.6	I	16.0	E	25.5	C		
Moss Rd. to Hayes Rd.	45	3,274	Signal	70.8	1.2	I	31.5	B				
Hayes Rd. to SR 419	45	1,584	Signal	47.4	16.8	I	22.8	D	28.0	C		
TOTAL		33,634		951.6	219.6						24.1	0.227 gal/veh
PM PEAK HOUR - Part B												
Markham Woods Rd. to I-4 (W. Ramps)	35	1,003	Signal	41.4	9.6	II	16.5	D				
I-4 (W. Ramps) to I-4 (E. Ramps)	35	422	Signal	7.8	0.0	II	36.9	A	19.8	C		
I-4 (E. Ramps) to Raymond Ave.	35	686	Signal	28.8	0.0	II	16.2	D	16.2	D		
Raymond Ave. to Tarrytown Tr./Roxboro Rd.	35/45	2,587	SS Stop	39.0	0.0	I	45.2	A				
Tarrytown Tr./Roxboro Rd. to Tollgate Tr.	45	1,848	Signal	29.4	0.0	I	42.9	A				
Tollgate Tr. to Palm Springs Dr.	45	898	Signal	41.4	18.6	I	14.8	F	33.1	B		
Palm Springs Dr. to Rangeline Rd.	45	3,062	Signal	75.0	6.6	I	27.8	C	27.8	C		
Rangeline Rd. to Florida Central Pkwy.	45	3,010	Signal	114.6	36.0	I	17.9	E				
Florida Central Pkwy. to CR 427/Ronald Reagan Blvd.	35	2,112	Signal	122.4	60.6	II	11.8	E	14.7	D		
CR 427/Ronald Reagan Blvd. to Grant St.	45	2,640	Signal	58.2	6.6	I	30.9	C				
Grant St. to S. Wayman St.	45	1,373	Signal	27.0	1.8	I	34.7	B				
S. Wayman St. to US 17/92	45	2,165	Signal	195.0	117.0	I	7.6	F	15.0	E		
US 17/92 to Sun Shadow Dr.	45	1,795	Signal	46.2	6.6	I	26.5	C				
Sun Shadow Dr. to N. Winter Park	45	1,426	Signal	32.4	2.4	I	30.0	C				
N. Winter Park to Sheoah Blvd.	45	1,214	Signal	40.2	5.4	I	20.6	D				
Sheoah Blvd. to Edgemon Ave.	45	1,214	Signal	24.6	0.6	I	33.7	B				
Edgemon Ave. to Moss Rd.	45	1,320	Signal	25.8	2.4	I	34.9	B	28.1	C		
Moss Rd. to Hayes Rd.	45	3,274	Signal	52.8	0.0	I	42.3	A				
Hayes Rd. to SR 419	45	1,584	Signal	26.4	0.0	I	40.9	A	41.8	A		
TOTAL		33,634		1,028.4	274.2						22.3	0.227 gal/veh

TABLE S3.2b
Year 2017 Seminole County Travel Time & Delay Study
SR 434 (Part B) - 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 B												
SR 419 to Hayes Rd.	45	1,584	Signal	34.2	3.6	I	31.6	B				
Hayes Rd. to Moss Rd.	45	3,274	Signal	66.0	7.2	I	33.8	B	33.1	B		
Moss Rd. to Edgemon Ave.	45	1,320	Signal	33.0	4.8	I	27.3	C				
Edgemon Ave. to Sheoah Blvd.	45	1,214	Signal	30.0	3.0	I	27.6	C				
Sheoah Blvd. to N. Winter Park	45	1,214	Signal	22.2	0.0	I	37.3	B				
N. Winter Park to Sun Shadow Dr.	45	1,426	Signal	30.0	0.0	I	32.4	B				
Sun Shadow Dr. to US 17/92	45	1,795	Signal	105.6	37.2	I	11.6	F	21.5	D		
US 17/92 to S. Wayman St.	45	2,165	Signal	48.6	3.0	I	30.4	C				
S. Wayman St. to Grant St.	45	1,373	Signal	38.4	6.0	I	24.4	C				
Grant St. to CR 427/Ronald Reagan Blvd.	45/35	2,640	Signal	204.0	109.2	I	8.8	F	14.5	F		
CR 427/Ronald Reagan Blvd. to Florida Central Pkwy.	35/45	2,112	Signal	69.6	17.4	I	20.7	D				
Florida Central Pkwy. to Rangeline Rd.	45	3,010	Signal	64.2	0.0	I	32.0	B				
Rangeline Rd. to Palm Springs Dr.	45	3,062	Signal	55.2	0.0	I	37.8	B	29.5	C		
Palm Springs Dr. to Tollgate Tr.	45	898	Signal	23.4	3.6	I	26.2	C				
Tollgate Tr. to Tarrytown Tr./Roxboro Rd.	45	1,848	SS Stop	28.8	0.0	I	43.7	A				
Tarrytown Tr./Roxboro Rd. to Raymond Ave.	45/35	2,587	Signal	105.0	45.0	I	16.8	E	23.1	C		
Raymond Ave. to I-4 (E. Ramps)	35	686	Signal	45.0	25.8	II	10.4	E	10.4	E		
I-4 (E. Ramps) to I-4 (W. Ramps)	35	422	Signal	10.2	0.0	II	28.2	A				
I-4 West Ramp to Markham Woods Rd.	35	1,003	Signal	45.0	16.8	II	15.2	D	17.6	C		
TOTAL		33,634		1,058.4	282.6						21.7	0.228 gal/veh
PM PEAK HOUR - Part B												
SR 419 to Hayes Rd.	45	1,584	Signal	37.2	6.6	I	29.0	C				
Hayes Rd. to Moss Rd.	45	3,274	Signal	66.0	8.4	I	33.8	B	32.1	B		
Moss Rd. to Edgemon Ave.	45	1,320	Signal	30.0	4.2	I	30.0	C				
Edgemon Ave. to Sheoah Blvd.	45	1,214	Signal	22.2	0.0	I	37.3	B				
Sheoah Blvd. to N. Winter Park	45	1,214	Signal	23.4	1.8	I	35.4	B				
N. Winter Park to Sun Shadow Dr.	45	1,426	Signal	40.8	8.4	I	23.8	C				
Sun Shadow Dr. to US 17/92	45	1,795	Signal	101.4	51.0	I	12.1	F	21.8	D		
US 17/92 to S. Wayman St.	45	2,165	Signal	45.6	1.8	I	32.4	B				
S. Wayman St. to Grant St.	45	1,373	Signal	29.4	1.2	I	31.8	B				
Grant St. to CR 427/Ronald Reagan Blvd.	45/35	2,640	Signal	196.2	114.6	I	9.2	F	15.5	E		
CR 427/Ronald Reagan Blvd. to Florida Central Pkwy.	35/45	2,112	Signal	82.8	16.2	I	17.4	E				
Florida Central Pkwy. to Rangeline Rd.	45	3,010	Signal	90.0	27.0	I	22.8	D				
Rangeline Rd. to Palm Springs Dr.	45	3,062	Signal	48.0	0.0	I	43.5	A	25.3	C		
Palm Springs Dr. to Tollgate Tr.	45	898	Signal	21.0	5.4	I	29.1	C				
Tollgate Tr. to Tarrytown Tr./Roxboro Rd.	45	1,848	SS Stop	27.6	0.0	I	45.7	A				
Tarrytown Tr./Roxboro Rd. to Raymond Ave.	45/35	2,587	Signal	321.0	205.2	I	5.5	F	9.8	F		
Raymond Ave. to I-4 (E. Ramps)	35	686	Signal	82.8	32.4	II	5.7	F	5.7	F		
I-4 (E. Ramps) to I-4 (W. Ramps)	35	422	Signal	10.8	0.0	II	26.7	B				
I-4 West Ramp to Markham Woods Rd.	35	1,003	Signal	21.6	0.6	II	31.7	A	30.0	A		
TOTAL		33,634		1,297.8	484.8						17.7	0.231 gal/veh