

TABLE S3.1b
Year 2015 Seminole County Travel Time & Delay Study
SR 434 (Part B) - 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 (mph)	Avg. Fuel Consump.
							(mph)	LOS	(mph)	LOS		
AM PEAK HOUR - Part B												
Markham Woods Rd. to I-4 (W. Ramps)	35	1,003	Signal	37.8	14.4	II	18.1	D				
I-4 (W. Ramps) to I-4 (E. Ramps)	35	422	Signal	7.2	0.0	II	40.0	A	21.6	D		
I-4 (E. Ramps) to Raymond Ave.*	35	686	Signal	29.4	14.4	II	15.9	E	15.9	E		
Raymond Ave. to Tarrytown Tr./Roxboro Rd.*	35/45	2,587	Stop	38.4	0.0	II	45.9	A				
Tarrytown Tr./Roxboro Rd. to Tollgate Tr.*	45	1,848	Signal	27.6	0.0	II	45.7	A				
Tollgate Tr. to Palm Springs Dr.*	45	898	Signal	33.0	11.4	II	18.5	D	36.7	A		
Palm Springs Dr. to Rangeline Rd.*	45	3,062	Signal	93.6	28.2	II	22.3	C	22.3	C		
Rangeline Rd. to Florida Central Pkwy.	45	3,010	Signal	71.4	6.6	II	28.7	B				
Florida Central Pkwy. to CR 427/Ronald Reagan Blvd.	35	2,112	Signal	69.0	18.6	II	20.9	D	24.9	C		
CR 427/Ronald Reagan Blvd. to Grant St.	45	2,640	Signal	46.2	0.0	II	39.0	A				
Grant St. to S. Wayman St.	45	1,373	Signal	22.8	0.0	II	41.1	A				
S. Wayman St. to US 17/92	45	2,165	Signal	135.6	44.4	II	10.9	F	20.6	D		
US 17/92 to Sun Shadow Dr.	45	1,795	Signal	34.8	0.6	II	35.2	A				
Sun Shadow Dr. to N. Winter Park	45	1,426	Signal	36.6	7.2	II	26.6	C				
N. Winter Park to Sheoah Blvd.	45	1,214	Signal	64.8	28.2	II	12.8	F				
Sheoah Blvd. to Edgemon Ave.	45	1,214	Signal	22.2	0.0	II	37.3	A				
Edgemon Ave. to Moss Rd.	45	1,320	Signal	49.2	22.8	II	18.3	D	22.9	C		
Moss Rd. to Hayes Rd.	45	3,274	Signal	59.4	3.6	II	37.6	A				
Hayes Rd. to SR 419	45	1,584	Signal	34.8	6.0	II	31.0	B	35.2	A		
TOTAL		33,634		913.8	206.4						25.1	0.223 gal/veh
PM PEAK HOUR - Part B												
Markham Woods Rd. to I-4 (W. Ramps)	35	1,003	Signal	61.8	31.8	II	11.1	F				
I-4 (W. Ramps) to I-4 (E. Ramps)	35	422	Signal	7.8	0.0	II	36.9	A	14.0	E		
I-4 (E. Ramps) to Raymond Ave.*	35	686	Signal	12.6	0.0	II	37.1	A	37.1	A		
Raymond Ave. to Tarrytown Tr./Roxboro Rd.*	35/45	2,587	Stop	39.0	0.0	II	45.2	A				
Tarrytown Tr./Roxboro Rd. to Tollgate Tr.*	45	1,848	Signal	28.8	0.0	II	43.7	A				
Tollgate Tr. to Palm Springs Dr.*	45	898	Signal	76.2	31.8	II	8.0	F	25.2	C		
Palm Springs Dr. to Rangeline Rd.*	45	3,062	Signal	67.8	0.6	II	30.8	B	30.8	B		
Rangeline Rd. to Florida Central Pkwy.	45	3,010	Signal	122.4	50.4	II	16.8	E				
Florida Central Pkwy. to CR 427/Ronald Reagan Blvd.	35	2,112	Signal	178.2	103.2	II	8.1	F	11.6	F		
CR 427/Ronald Reagan Blvd. to Grant St.	45	2,640	Signal	63.0	9.6	II	28.6	B				
Grant St. to S. Wayman St.	45	1,373	Signal	22.2	0.0	II	42.2	A				
S. Wayman St. to US 17/92	45	2,165	Signal	149.4	102.6	II	9.9	F	18.0	D		
US 17/92 to Sun Shadow Dr.	45	1,795	Signal	39.0	3.6	II	31.4	B				
Sun Shadow Dr. to N. Winter Park	45	1,426	Signal	24.6	0.0	II	39.5	A				
N. Winter Park to Sheoah Blvd.	45	1,214	Signal	26.4	4.2	II	31.4	B				
Sheoah Blvd. to Edgemon Ave.	45	1,214	Signal	28.2	4.8	II	29.4	B				
Edgemon Ave. to Moss Rd.	45	1,320	Signal	37.8	12.6	II	23.8	C	30.5	B		
Moss Rd. to Hayes Rd.	45	3,274	Signal	52.8	0.0	II	42.3	A				
Hayes Rd. to SR 419	45	1,584	Signal	39.6	11.4	II	27.3	C	35.8	A		
TOTAL		33,634		1,077.6	366.6						21.3	0.227 gal/veh

* Construction in progress on SR 434 from I-4 to Rangeline Rd (Financial Project ID: 240233-3) which may have skewed the LOS for the segments.

TABLE S3.2b
Year 2015 Seminole County Travel Time & Delay Study
SR 434 (Part B) - 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 - Part B												
SR 419 to Hayes Rd.	45	1,584	Signal	25.8	0.0	II	41.9	A				
Hayes Rd. to Moss Rd.	45	3,274	Signal	51.0	0.0	II	43.8	A	43.1	A		
Moss Rd. to Edgemon Ave.	45	1,320	Signal	24.0	0.6	II	37.5	A				
Edgemon Ave. to Sheoah Blvd.	45	1,214	Signal	37.8	12.0	II	21.9	D				
Sheoah Blvd. to N. Winter Park	45	1,214	Signal	25.2	1.2	II	32.9	B				
N. Winter Park to Sun Shadow Dr.	45	1,426	Signal	39.6	6.0	II	24.5	C				
Sun Shadow Dr. to US 17/92	45	1,795	Signal	146.4	100.2	II	8.4	F	17.4	D		
US 17/92 to S. Wayman St.	45	2,165	Signal	37.2	0.0	II	39.7	A				
S. Wayman St. to Grant St.	45	1,373	Signal	22.2	0.0	II	42.2	A				
Grant St. to CR 427/Ronald Reagan Blvd.	45/35	2,640	Signal	117.0	44.4	II	15.4	E	23.9	C		
CR 427/Ronald Reagan Blvd. to Florida Central Pkwy.	35/45	2,112	Signal	40.2	1.8	II	35.8	A				
Florida Central Pkwy. to Rangeline Rd.	45	3,010	Signal	81.6	24.0	II	25.1	C				
Rangeline Rd. to Palm Springs Dr.*	45	3,062	Signal	63.0	7.8	II	33.1	B	30.2	B		
Palm Springs Dr. to Tollgate Tr.*	45	898	Signal	13.8	0.0	II	44.3	A				
Tollgate Tr. to Tarrytown Tr./Roxboro Rd.*	45	1,848	Stop	27.0	0.0	II	46.7	A				
Tarrytown Tr./Roxboro Rd. to Raymond Ave.*	45/35	2,587	Signal	43.8	0.0	II	40.3	A	43.0	A		
Raymond Ave. to I-4 (E. Ramps)*	35	686	Signal	89.4	57.0	II	5.2	F	5.2	F		
I-4 (E. Ramps) to I-4 (W. Ramps)	35	422	Signal	8.4	0.0	II	34.3	B				
I-4 West Ramp to Markham Woods Rd.	35	1,003	Signal	16.2	0.0	II	42.2	A	39.5	A		
TOTAL		33,634		909.6	255.0						25.2	0.221 gal/veh
PM PEAK HOUR - Part B												
SR 419 to Hayes Rd.	45	1,584	Signal	34.8	5.4	II	31.0	B				
Hayes Rd. to Moss Rd.	45	3,274	Signal	69.6	10.8	II	32.1	B	31.7	B		
Moss Rd. to Edgemon Ave.	45	1,320	Signal	37.2	10.8	II	24.2	C				
Edgemon Ave. to Sheoah Blvd.	45	1,214	Signal	27.0	0.6	II	30.7	B				
Sheoah Blvd. to N. Winter Park	45	1,214	Signal	20.4	0.0	II	40.6	A				
N. Winter Park to Sun Shadow Dr.	45	1,426	Signal	34.2	6.6	II	28.4	B				
Sun Shadow Dr. to US 17/92	45	1,795	Signal	86.4	9.0	II	14.2	E	23.2	C		
US 17/92 to S. Wayman St.	45	2,165	Signal	42.0	0.0	II	35.1	A				
S. Wayman St. to Grant St.	45	1,373	Signal	36.6	7.2	II	25.6	C				
Grant St. to CR 427/Ronald Reagan Blvd.	45/35	2,640	Signal	185.4	92.4	II	9.7	F	16.0	E		
CR 427/Ronald Reagan Blvd. to Florida Central Pkwy.	35/45	2,112	Signal	54.0	11.4	II	26.7	C				
Florida Central Pkwy. to Rangeline Rd.	45	3,010	Signal	115.2	48.0	II	17.8	D				
Rangeline Rd. to Palm Springs Dr.*	45	3,062	Signal	59.4	0.0	II	35.2	A	24.4	C		
Palm Springs Dr. to Tollgate Tr.*	45	898	Signal	17.4	0.0	II	35.2	A				
Tollgate Tr. to Tarrytown Tr./Roxboro Rd.*	45	1,848	Stop	28.2	0.0	II	44.7	A				
Tarrytown Tr./Roxboro Rd. to Raymond Ave.*	45/35	2,587	Signal	153.6	90.0	II	11.5	F	18.3	D		
Raymond Ave. to I-4 (E. Ramps)*	35	686	Signal	79.2	55.2	II	5.9	F	5.9	F		
I-4 (E. Ramps) to I-4 (W. Ramps)	35	422	Signal	12.6	0.6	II	22.9	C				
I-4 West Ramp to Markham Woods Rd.	35	1,003	Signal	36.0	1.8	II	19.0	D	20.0	D		
TOTAL		33,634		1,129.2	349.8						20.3	0.229 gal/veh

* Construction in progress on SR 434 from I-4 to Rangeline Rd (Financial Project ID: 240233-3) which may have skewed the LOS for the segments.