

TABLE S4.1b
Year 2015 Seminole County Travel Time & Delay Study
SR 436 (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												
North Lake Blvd. to Hattaway Dr.	40	686	Signal	12.6	0.0	II	37.1	A				
Hattaway Dr. to Renaissance Dr.	40	686	Signal	11.4	0.0	II	41.1	A				
Renaissance Dr. to Essex St.	40	686	Signal	20.4	7.2	II	22.9	C				
Essex St. to Mall Entrance	40	634	Signal	14.4	1.8	II	30.0	B				
Mall Entrance to Palm Springs Dr.	40	634	Signal	29.4	13.8	II	14.7	E	25.7	C		
Palm Springs Dr. to Boston Ave.	40	950	Signal	35.4	9.0	II	18.3	D				
Boston Ave. to CR 427/Maitland Ave.	40	1,690	Signal	41.4	9.6	II	27.8	C	23.4	C		
CR 427/Maitland Ave. to CR 427/Ronald Reagan Blvd.	40	2,587	Signal	48.0	0.0	II	36.7	A	36.7	A		
CR 427/Ronald Reagan Blvd. to Prairie Lake Dr.	40	1,531	Signal	28.2	0.0	II	37.0	A				
Prairie Lake Dr. to Anchor Rd.	40	2,429	Signal	51.0	7.8	II	32.5	B				
Anchor Rd. to US 17/92*	40	1,584	Signal	232.8	138.6	II	4.6	F	12.1	F		
US 17/92 to Plaza Entrance	40	898	Signal	19.2	0.0	II	31.9	B				
Plaza Entrance to Oxford Rd.	40	528	Signal	9.6	0.0	II	37.5	A				
Oxford Rd. to Fern Park Blvd.	40/45	1,214	Signal	19.2	0.0	II	43.1	A				
Fern Park Blvd. to Wilshire Blvd.	45	2,851	Signal	51.6	0.6	II	37.7	A				
Wilshire Blvd. to Kewanee Tr.	45	1,373	Signal	22.8	0.0	II	41.1	A				
Kewanee Tr. to Red Bug Lake Rd.	45	1,003	Signal	78.6	39.6	II	8.7	F	26.7	C		
Red Bug Lake Rd. to Sausalito Blvd.	45/50	950	Signal	17.4	0.0	II	37.2	A				
Sausalito Blvd. to Lake Howell Rd.	45/50	1,848	Signal	27.6	0.0	I	45.7	A	42.4	A		
Lake Howell Rd. to Lake Howell Square	50	1,320	Signal	64.2	33.0	I	14.0	F				
Lake Howell Square to Lake Howell Ln.	50	1,373	Signal	45.0	6.6	I	20.8	E				
Lake Howell Ln. to Howell Branch Rd.	50	2,851	Signal	90.6	10.8	I	21.5	D	18.9	E		
Howell Branch Rd. to Winter Woods Blvd.	50	2,482	Signal	45.6	6.6	I	37.1	B				
Winter Woods Blvd. to Castleton Blvd.	50	2,798	Signal	62.4	11.4	I	30.6	C	33.3	C		
TOTAL		35,587		1078.8	296.4						22.5	0.236 gal/veh
PM PEAK HOUR - Part B												
North Lake Blvd. to Hattaway Dr.	40	686	Signal	18.6	3.6	II	25.2	C				
Hattaway Dr. to Renaissance Dr.	40	686	Signal	24.0	4.8	II	19.5	D				
Renaissance Dr. to Essex St.	40	686	Signal	51.6	12.0	II	9.1	F				
Essex St. to Mall Entrance	40	634	Signal	15.0	0.0	II	28.8	B				
Mall Entrance to Palm Springs Dr.	40	634	Signal	33.0	19.8	II	13.1	E	15.9	E		
Palm Springs Dr. to Boston Ave.	40	950	Signal	18.6	0.0	II	34.8	B				
Boston Ave. to CR 427/Maitland Ave.	40	1,690	Signal	66.0	28.8	II	17.5	D	21.3	D		
CR 427/Maitland Ave. to CR 427/Ronald Reagan Blvd.	40	2,587	Signal	55.2	2.4	II	32.0	B	32.0	B		
CR 427/Ronald Reagan Blvd. to Prairie Lake Dr.	40	1,531	Signal	30.0	0.0	II	34.8	B				
Prairie Lake Dr. to Anchor Rd.	40	2,429	Signal	93.6	34.8	II	17.7	D				
Anchor Rd. to US 17/92*	40	1,584	Signal	152.4	102.0	II	7.1	F	13.7	E		
US 17/92 to Plaza Entrance	40	898	Signal	22.8	0.0	II	26.8	C				
Plaza Entrance to Oxford Rd.	40	528	Signal	10.8	0.0	II	33.3	B				
Oxford Rd. to Fern Park Blvd.	40/45	1,214	Signal	20.4	0.0	II	40.6	A				
Fern Park Blvd. to Wilshire Blvd.	45	2,851	Signal	53.4	4.8	II	36.4	A				
Wilshire Blvd. to Kewanee Tr.	45	1,373	Signal	65.4	20.4	II	14.3	E				
Kewanee Tr. to Red Bug Lake Rd.	45	1,003	Signal	46.8	16.2	II	14.6	E	24.4	C		
Red Bug Lake Rd. to Sausalito Blvd.	45	950	Signal	18.6	0.0	II	34.8	B				
Sausalito Blvd. to Lake Howell Rd.	45/50	1,848	Signal	61.2	19.2	I	20.6	E	23.9	D		
Lake Howell Rd. to Lake Howell Square	50	1,320	Signal	24.0	0.0	I	37.5	B				
Lake Howell Square to Lake Howell Ln.	50	1,373	Signal	22.2	0.0	I	42.2	A				
Lake Howell Ln. to Howell Branch Rd.	50	2,851	Signal	102.0	32.4	I	19.1	E	25.5	D		
Howell Branch Rd. to Winter Woods Blvd.	50	2,482	Signal	39.0	0.0	I	43.4	A				
Winter Woods Blvd. to Castleton Blvd.	50	2,798	Signal	37.2	0.0	I	51.3	A	47.2	A		
TOTAL		35,587		1081.8	301.2						22.4	0.240 gal/veh

* Construction in progress on SR 436 at the intersection of US 17/92 (Financial Project ID: 404418-1) which may have skewed the LOS for the segments.

TABLE S4.2b
Year 2015 Seminole County Travel Time & Delay Study
SR 436 (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												
Castelton Blvd. to Winter Woods Blvd.	50	2,798	Signal	40.8	0.6	I	46.8	A				
Winter Woods Blvd. to Howell Branch Rd.	50	2,482	Signal	67.8	13.2	I	25.0	D	33.1	C		
Howell Branch Rd. to Lake Howell Ln.	50	2,851	Signal	43.2	0.0	I	45.0	A				
Lake Howell Ln. to Lake Howell Square	50	1,373	Signal	20.4	0.0	I	45.9	A				
Lake Howell Square to Lake Howell Rd.	50	1,320	Signal	25.2	0.0	I	35.7	B	42.6	A		
Lake Howell Rd. to Sausalito Blvd.	50/45	1,848	Signal	31.2	0.0	I	40.4	B				
Sausalito Blvd. to Red Bug Lake Rd.	45	950	Signal	78.6	29.4	II	8.2	F	17.4	D		
Red Bug Lake Rd. to Kewanee Tr.	45	1,003	Signal	19.2	0.0	II	35.6	A				
Kewanee Tr. to Wilshire Blvd.	45	1,373	Signal	22.2	0.0	II	42.2	A				
Wilshire Blvd. to Fern Park Blvd.	45	2,851	Signal	79.2	7.8	II	24.5	C				
Fern Park Blvd. to Oxford Rd.	45/40	1,214	Signal	64.8	31.2	II	12.8	F				
Oxford Rd. to Plaza Entrance	40	528	Signal	14.4	0.0	II	25.0	C				
Plaza Entrance to US 17/92*	40	898	Signal	49.2	7.2	II	12.4	F	21.5	D		
US 17/92 to Anchor Rd.	40	1,584	Signal	28.2	0.0	II	38.3	A				
Anchor Rd. to Prarie Lake Dr.	40	2,429	Signal	43.2	0.6	II	38.3	A				
Prarie Lake Dr. to CR 427/Ronald Reagan Blvd.	40	1,531	Signal	98.4	43.8	II	10.6	F	22.3	C		
CR 427/Ronald Reagan Blvd. to CR 427/Maitland Ave.	40	2,587	Signal	57.0	4.2	II	30.9	B	30.9	B		
CR 427/Maitland Ave. to Boston Ave.	40	1,690	Signal	61.2	13.8	II	18.8	D				
Boston Ave. to Palm Springs Dr.	40	950	Signal	52.8	28.8	II	12.3	F	15.8	E		
Palm Springs Dr. to Mall Entrance	40	634	Signal	12.0	0.0	II	36.0	A				
Mall Entrance to Essex St.	40	634	Signal	15.0	2.4	II	28.8	B				
Essex St. to Renaissance Dr.	40	686	Signal	11.4	0.0	II	41.1	A				
Renaissance Dr. to Hattaway Dr.	40	686	Signal	24.0	11.4	II	19.5	D				
Hattaway Dr. to North Lake Blvd.	40	686	Signal	10.8	0.0	II	43.3	A	31.0	B		
TOTAL		35,587		970.2	194.4						25.0	0.237 gal/veh
PM PEAK HOUR - Part B												
Castelton Blvd. to Winter Woods Blvd.	50	2,798	Signal	42.6	0.0	I	44.8	A				
Winter Woods Blvd. to Howell Branch Rd.	50	2,482	Signal	88.8	28.8	I	19.1	E	27.4	C		
Howell Branch Rd. to Lake Howell Ln.	50	2,851	Signal	54.0	7.2	I	36.0	B				
Lake Howell Ln. to Lake Howell Square	50	1,373	Signal	21.0	0.0	I	44.6	A				
Lake Howell Square to Lake Howell Rd.	50	1,320	Signal	19.2	0.0	I	46.9	A	40.1	B		
Lake Howell Rd. to Sausalito Blvd.	50/45	1,848	Signal	40.8	7.2	I	30.9	C				
Sausalito Blvd. to Red Bug Lake Rd.	45	950	Signal	85.8	36.6	II	7.6	F	15.1	E		
Red Bug Lake Rd. to Kewanee Tr.	45	1,003	Signal	28.2	5.4	II	24.3	C				
Kewanee Tr. to Wilshire Blvd.	45	1,373	Signal	27.6	0.6	II	33.9	B				
Wilshire Blvd. to Fern Park Blvd.	45	2,851	Signal	75.0	16.8	II	25.9	C				
Fern Park Blvd. to Oxford Rd.	45/40	1,214	Signal	69.0	17.4	II	12.0	F				
Oxford Rd. to Plaza Entrance	40	528	Signal	19.8	1.2	II	18.2	D				
Plaza Entrance to US 17/92*	40	898	Signal	54.0	28.2	II	11.3	F	19.6	D		
US 17/92 to Anchor Rd.	40	1,584	Signal	29.4	0.0	II	36.7	A				
Anchor Rd. to Prarie Lake Dr.	40	2,429	Signal	52.2	3.6	II	31.7	B				
Prarie Lake Dr. to CR 427/Ronald Reagan Blvd.	40	1,531	Signal	63.0	13.8	II	16.6	E	26.1	C		
CR 427/Ronald Reagan Blvd. to CR 427/Maitland Ave.	40	2,587	Signal	73.8	17.4	II	23.9	C	23.9	C		
CR 427/Maitland Ave. to Boston Ave.	40	1,690	Signal	50.4	13.2	II	22.9	C				
Boston Ave. to Palm Springs Dr.	40	950	Signal	32.4	10.2	II	20.0	D	21.7	D		
Palm Springs Dr. to Mall Entrance	40	634	Signal	25.8	12.0	II	16.7	E				
Mall Entrance to Essex St.	40	634	Signal	56.4	27.6	II	7.7	F				
Essex St. to Renaissance Dr.	40	686	Signal	48.0	19.2	II	9.7	F				
Renaissance Dr. to Hattaway Dr.	40	686	Signal	60.6	34.2	II	7.7	F				
Hattaway Dr. to North Lake Blvd.	40	686	Signal	39.6	20.4	II	11.8	F	9.8	F		
TOTAL		35,587		1,157.4	321.0						21.0	0.243 gal/veh

* Construction in progress on SR 436 at the intersection of US 17/92 (Financial Project ID: 404418-1) which may have skewed the LOS for the segments.