

**TABLE S4.1a**  
**Year 2017 Seminole County Travel Time & Delay Study**  
**SR 436 (Part A) - 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		
<b>AM PEAK HOUR - Part A</b>												
Line Dr. to Balmy Beach Dr.	45	1,531	Signal	42.0	6.6	I	24.9	C				
Balmy Beach Dr. to Hunt Club Blvd.	45	1,795	Signal	79.2	30.0	I	15.5	E	18.7	D		
Hunt Club Blvd. to Bear Lake Rd.	45	2,006	Signal	75.0	16.8	I	18.2	D	18.2	D		
Bear Lake Rd. to Harley Lester Rd.	45	739	Flashing Signal	12.0	0.0	I	42.0	A				
Harley Lester Ln. to Post Lake Pl.	45	1,690	Signal	27.0	0.0	I	42.7	A				
Post Lake Pl. to W. Lake Brantley Rd.	45	1,795	Signal	39.0	3.0	I	31.4	B				
W. Lake Brantley Rd. to Pearl Lake Causeway	45	1,320	Signal	28.8	1.2	I	31.2	B				
Pearl Lake Causeway to Maple St/Center Entrance	45	1,162	Signal	22.8	0.6	I	34.7	B				
Maple St/Center Entrance to SR 434	45	1,478	Signal	49.2	15.6	I	20.5	D	31.2	B		
SR 434 to San Sebastian Prado	45	1,478	Signal	25.2	0.0	I	40.0	B				
San Sebastian Prado to Orange Ave	45	2,006	Signal	87.0	29.4	I	15.7	E				
Orange Ave. to Weathersfield Ave.	45	845	Signal	37.8	9.6	I	15.2	E				
Weathersfield Ave. to Montgomery Rd.	45	1,214	Signal	54.0	14.4	I	15.3	E	18.5	D		
Montgomery Rd. to Lynchfield Ave.	45	1,214	Signal	39.6	12.6	I	20.9	D				
Lynchfield Ave. to Grace Blvd.	45	634	Signal	39.6	11.4	I	10.9	F				
Grace Blvd. to Westmonte Dr.	45	1,056	Signal	55.2	24.6	I	13.0	F				
Westmonte Dr. to Wymore Rd./Douglas Ave.	45	1,056	Signal	67.2	37.2	I	10.7	F	13.4	F		
Wymore Rd./Douglas Ave. to I-4 (W. Ramps)	40	317	Signal	7.2	0.0	I	30.0	C				
I-4 (W. Ramps) to I-4 (E. Ramps)	40	475	Signal	8.4	0.0	I	38.6	B	34.6	B		
I-4 (E. Ramps) to North Lake Blvd.	40/45	1,162	Signal	32.4	7.8	I	24.4	C	24.4	C		
<b>TOTAL</b>		24,974		828.6	220.8						20.5	0.173 gal/veh
<b>PM PEAK HOUR - Part A</b>												
Line Dr. to Balmy Beach Dr.	45	1,531	Signal	31.8	0.0	I	32.8	B				
Balmy Beach Dr. to Hunt Club Blvd.	45	1,795	Signal	35.4	6.6	I	34.6	B	33.7	B		
Hunt Club Blvd. to Bear Lake Rd.	45	2,006	Signal	51.0	13.8	I	26.8	C	26.8	C		
Bear Lake Rd. to Harley Lester Rd.	45	739	Flashing Signal	12.0	0.0	I	42.0	A				
Harley Lester Ln. to Post Lake Pl.	45	1,690	Signal	42.0	10.2	I	27.4	C				
Post Lake Pl. to W. Lake Brantley Rd.	45	1,795	Signal	37.2	6.0	I	32.9	B				
W. Lake Brantley Rd. to Pearl Lake Causeway	45	1,320	Signal	39.0	0.6	I	23.1	C				
Pearl Lake Causeway to Maple St/Center Entrance	45	1,162	Signal	41.4	14.4	I	19.1	D				
Maple St/Center Entrance to SR 434	45	1,478	Signal	62.4	3.0	I	16.2	E	23.8	C		
SR 434 to San Sebastian Prado	45	1,478	Signal	24.6	0.0	I	41.0	A				
San Sebastian Prado to Orange Ave	45	2,006	Signal	54.0	10.2	I	25.3	C				
Orange Ave. to Weathersfield Ave.	45	845	Signal	24.6	7.2	I	23.4	C				
Weathersfield Ave. to Montgomery Rd.	45	1,214	Signal	45.0	9.6	I	18.4	D	25.5	C		
Montgomery Rd. to Lynchfield Ave.	45	1,214	Signal	22.8	0.0	I	36.3	B				
Lynchfield Ave. to Grace Blvd.	45	634	Signal	13.8	2.4	I	31.3	B				
Grace Blvd. to Westmonte Dr.	45	1,056	Signal	60.6	16.2	I	11.9	F				
Westmonte Dr. to Wymore Rd./Douglas Ave.	45	1,056	Signal	66.0	24.0	I	10.9	F	16.5	E		
Wymore Rd./Douglas Ave. to I-4 (W. Ramps)	40	317	Signal	8.4	0.0	I	25.7	C				
I-4 (W. Ramps) to I-4 (E. Ramps)	40	475	Signal	9.0	0.0	I	36.0	B	31.0	B		
I-4 (E. Ramps) to North Lake Blvd.	40/45	1,162	Signal	51.0	21.0	I	15.5	E	15.5	E		
<b>TOTAL</b>		24,974		732.0	145.2						23.3	0.167 gal/veh

**TABLE S4.2a**  
**Year 2017 Seminole County Travel Time & Delay Study**  
**SR 436 (Part A) - 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		
<b>AM PEAK HOUR - Part A</b>												
North Lake Blvd. to I-4 (E. Ramps)	40	1,162	Signal	72.0	10.2	I	11.0	F	11.0	F		
I-4 (E. Ramps) to I-4 (W. Ramps)	40	475	Signal	18.0	5.4	I	18.0	E				
I-4 (W. Ramps) to Wymore Rd./Douglas Ave.	40	317	Signal	6.6	0.0	I	32.7	B	22.0	D		
Wymore Rd./Douglas Ave. to Westmonte Dr.	40/45	1,056	Signal	17.4	0.0	I	41.4	A				
Westmonte Dr. to Grace Blvd.	45	1,056	Signal	17.4	0.0	I	41.4	A				
Grace Blvd. to Lynchfield Dr.	45	634	Signal	15.0	2.4	I	28.8	C				
Lynchfield Dr. to Montgomery Rd.	45	1,214	Signal	48.6	0.0	I	17.0	E	27.4	C		
Montgomery Rd. to Orange Ave.	45	1,214	Signal	19.8	0.0	I	41.8	A				
Orange Ave. to Weathersfield Dr.	45	845	Signal	12.6	0.0	I	45.7	A				
Weathersfield Dr. San Sebastian Prado	45	2,006	Signal	43.8	1.8	I	31.2	B				
San Sebastian Prado to SR 434	45	1,478	Signal	70.8	9.6	I	14.2	F	25.7	C		
SR 434 to Maple St/Center Entrance	45	1,478	Signal	30.0	0.0	I	33.6	B				
Maple St/Center Entrance to Pearl Lake Causeway	45	1,162	Signal	19.8	0.0	I	40.0	B				
Pearl Lake Causeway to W. Lake Brantley Rd.	45	1,320	Signal	21.0	0.0	I	42.9	A				
W. Lake Brantley Rd. to Post Lake Pl.	45	1,795	Signal	34.8	6.0	I	35.2	B				
Post Lake Pl. to Harley Lester Ln.	45	1,690	Flashing Signal	27.0	0.0	I	42.7	A				
Harley Lester Ln. to Bear Lake Rd.	45	739	Signal	18.0	4.8	I	28.0	C	29.4	C		
Bear Lake Rd. to Hunt Club Blvd.	45	2,006	Signal	52.2	11.4	I	26.2	C	26.2	C		
Hunt Club Blvd. to Balmy Beach Dr.	45	1,795	Signal	28.8	0.0	I	42.5	A				
Balmy Beach Dr. to Line Dr.	45	1,531	Signal	51.6	13.2	I	20.2	D	28.2	C		
<b>TOTAL</b>		24,974		625.2	64.8						27.2	0.164 gal/veh
<b>PM PEAK HOUR - Part A</b>												
North Lake Blvd. to I-4 (E. Ramps)	40	1,162	Signal	64.2	26.4	I	12.3	F	12.3	F		
I-4 (E. Ramps) to I-4 (W. Ramps)	40	475	Signal	12.0	0.0	I	27.0	C				
I-4 (W. Ramps) to Wymore Rd./Douglas Ave.	40	317	Signal	24.0	15.6	I	9.0	F	15.0	F		
Wymore Rd./Douglas Ave. to Westmonte Dr.	40/45	1,056	Signal	32.4	11.4	I	22.2	D				
Westmonte Dr. to Grace Blvd.	45	1,056	Signal	30.0	7.2	I	24.0	C				
Grace Blvd. to Lynchfield Dr.	45	634	Signal	22.8	3.0	I	18.9	D				
Lynchfield Dr. to Montgomery Rd.	45	1,214	Signal	66.6	37.8	I	12.4	F	17.8	E		
Montgomery Rd. to Orange Ave.	45	1,214	Signal	21.6	0.0	I	38.3	B				
Orange Ave. to Weathersfield Dr.	45	845	Signal	13.2	0.0	I	43.6	A				
Weathersfield Dr. San Sebastian Prado	45	2,006	Signal	82.2	30.0	I	16.6	E				
San Sebastian Prado to SR 434	45	1,478	Signal	85.2	25.8	I	11.8	F	18.7	D		
SR 434 to Maple St/Center Entrance	45	1,478	Signal	32.4	0.0	I	31.1	B				
Maple St/Center Entrance to Pearl Lake Causeway	45	1,162	Signal	31.2	7.8	I	25.4	C				
Pearl Lake Causeway to W. Lake Brantley Rd.	45	1,320	Signal	24.0	0.0	I	37.5	B				
W. Lake Brantley Rd. to Post Lake Pl.	45	1,795	Signal	33.0	3.6	I	37.1	B				
Post Lake Pl. to Harley Lester Ln.	45	1,690	Flashing Signal	32.4	0.0	I	35.6	B				
Harley Lester Ln. to Bear Lake Rd.	45	739	Signal	27.0	1.8	I	18.7	D	24.6	C		
Bear Lake Rd. to Hunt Club Blvd.	45	2,006	Signal	73.8	19.8	I	18.5	D	18.5	D		
Hunt Club Blvd. to Balmy Beach Dr.	45	1,795	Signal	28.2	0.0	I	43.4	A				
Balmy Beach Dr. to Line Dr.	45	1,531	Signal	22.8	0.0	I	45.8	A	44.5	A		
<b>TOTAL</b>		24,974		759.0	190.2						22.4	0.169 gal/veh