

TABLE S4.1a
Year 2015 Seminole County Travel Time & Delay Study
SR 436 (Part A) - 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 A												
Line Dr. to Balmy Beach Dr.	45	1,531	Signal	31.8	1.8	II	32.8	B				
Balmy Beach Dr. to Hunt Club Blvd.	45	1,795	Signal	49.8	10.2	II	24.6	C	27.8	C		
Hunt Club Blvd. to Bear Lake Rd.	45	2,006	Signal	42.0	0.6	II	32.6	B	32.6	B		
Bear Lake Rd. to Harley Lester Rd.	45	739	Flashing Signal	13.2	0.0	II	38.2	A				
Harley Lester Ln. to Post Lake Pl.	45	1,690	Signal	28.2	0.6	II	40.8	A				
Post Lake Pl. to W. Lake Brantley Rd.	45	1,795	Signal	29.4	0.0	II	41.6	A				
W. Lake Brantley Rd. to Pearl Lake Causeway	45	1,320	Signal	25.8	0.6	II	34.9	B				
Pearl Lake Causeway to Maple St/Center Entrance	45	1,162	Signal	25.2	1.2	II	31.4	B				
Maple St/Center Entrance to SR 434	45	1,478	Signal	42.6	1.8	II	23.7	C	33.9	B		
SR 434 to San Sebastian Prado	45	1,478	Signal	24.0	0.0	II	42.0	A				
San Sebastian Prado to Orange Ave	45	2,006	Signal	63.6	16.8	II	21.5	D				
Orange Ave. to Weathersfield Ave.	45	845	Signal	38.4	12.0	II	15.0	E				
Weathersfield Ave. to Montgomery Rd.	45	1,214	Signal	49.8	16.8	II	16.6	E	21.5	D		
Montgomery Rd. to Lynchfield Ave.	45	1,214	Signal	23.4	0.0	II	35.4	A				
Lynchfield Ave. to Grace Blvd.	45	634	Signal	18.6	3.0	II	23.2	C				
Grace Blvd. to Westmonte Dr.	45	1,056	Signal	50.4	21.0	II	14.3	E				
Westmonte Dr. to Wymore Rd./Douglas Ave.	45	1,056	Signal	65.4	19.2	II	11.0	F	17.1	D		
Wymore Rd./Douglas Ave. to I-4 (W. Ramps)	40	317	Signal	21.0	1.2	II	10.3	F				
I-4 (W. Ramps) to I-4 (E. Ramps)	40	475	Signal	10.2	0.0	II	31.8	B	17.3	D		
I-4 (E. Ramps) to North Lake Blvd.	40/45	1,162	Signal	30.6	5.4	II	25.9	C	25.9	C		
TOTAL		24,974		683.4	112.2						24.9	0.170 gal/veh
PM PEAK HOUR - Part A												
Line Dr. to Balmy Beach Dr.	45	1,531	Signal	28.2	0.6	II	37.0	A				
Balmy Beach Dr. to Hunt Club Blvd.	45	1,795	Signal	60.6	7.8	II	20.2	D	25.5	C		
Hunt Club Blvd. to Bear Lake Rd.	45	2,006	Signal	65.4	22.8	II	20.9	D	20.9	D		
Bear Lake Rd. to Harley Lester Rd.	45	739	Flashing Signal	13.2	0.0	II	38.2	A				
Harley Lester Ln. to Post Lake Pl.	45	1,690	Signal	30.0	1.2	II	38.4	A				
Post Lake Pl. to W. Lake Brantley Rd.	45	1,795	Signal	32.4	0.0	II	37.8	A				
W. Lake Brantley Rd. to Pearl Lake Causeway	45	1,320	Signal	22.8	0.0	II	39.5	A				
Pearl Lake Causeway to Maple St/Center Entrance	45	1,162	Signal	34.2	6.0	II	23.2	C				
Maple St/Center Entrance to SR 434	45	1,478	Signal	31.2	0.0	II	32.3	B	34.1	B		
SR 434 to San Sebastian Prado	45	1,478	Signal	55.2	28.2	II	18.3	D				
San Sebastian Prado to Orange Ave	45	2,006	Signal	54.0	13.2	II	25.3	C				
Orange Ave. to Weathersfield Ave.	45	845	Signal	60.6	35.4	II	9.5	F				
Weathersfield Ave. to Montgomery Rd.	45	1,214	Signal	43.8	16.8	II	18.9	D	17.7	D		
Montgomery Rd. to Lynchfield Ave.	45	1,214	Signal	24.0	0.0	II	34.5	B				
Lynchfield Ave. to Grace Blvd.	45	634	Signal	29.4	13.2	II	14.7	E				
Grace Blvd. to Westmonte Dr.	45	1,056	Signal	64.8	28.8	II	11.1	F				
Westmonte Dr. to Wymore Rd./Douglas Ave.	45	1,056	Signal	118.2	76.2	II	6.1	F	11.4	F		
Wymore Rd./Douglas Ave. to I-4 (W. Ramps)	40	317	Signal	9.0	0.0	II	24.0	C				
I-4 (W. Ramps) to I-4 (E. Ramps)	40	475	Signal	9.6	0.0	II	33.7	B	29.0	B		
I-4 (E. Ramps) to North Lake Blvd.	40/45	1,162	Signal	20.4	0.0	II	38.8	A	38.8	A		
TOTAL		24,974		807.0	250.2						21.1	0.171 gal/veh

TABLE S4.2a
Year 2015 Seminole County Travel Time & Delay Study
SR 436 (Part A) - 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 A												
North Lake Blvd. to I-4 (E. Ramps)	40	1,162	Signal	52.2	18.6	II	15.2	E	15.2	E		
I-4 (E. Ramps) to I-4 (W. Ramps)	40	475	Signal	15.0	0.0	II	21.6	D				
I-4 (W. Ramps) to Wymore Rd./Douglas Ave.	40	317	Signal	12.0	2.4	II	18.0	D	20.0	D		
Wymore Rd./Douglas Ave. to Westmonte Dr.	40/45	1,056	Signal	19.8	0.0	II	36.4	A				
Westmonte Dr. to Grace Blvd.	45	1,056	Signal	18.0	0.0	II	40.0	A				
Grace Blvd. to Lynchfield Dr.	45	634	Signal	15.0	2.4	II	28.8	B				
Lynchfield Dr. to Montgomery Rd.	45	1,214	Signal	55.2	30.0	II	15.0	E	25.0	C		
Montgomery Rd. to Orange Ave.	45	1,214	Signal	21.6	0.0	II	38.3	A				
Orange Ave. to Weathersfield Dr.	45	845	Signal	13.8	0.0	II	41.7	A				
Weathersfield Dr. San Sebastian Prado	45	2,006	Signal	45.0	2.4	II	30.4	B				
San Sebastian Prado to SR 434	45	1,478	Signal	79.8	44.4	II	12.6	F	23.6	C		
SR 434 to Maple St/Center Entrance	45	1,478	Signal	25.8	0.0	II	39.1	A				
Maple St/Center Entrance to Pearl Lake Causeway	45	1,162	Signal	21.0	0.0	II	37.7	A				
Pearl Lake Causeway to W. Lake Brantley Rd.	45	1,320	Signal	22.2	0.0	II	40.5	A				
W. Lake Brantley Rd. to Post Lake Pl.	45	1,795	Signal	27.6	0.0	II	44.3	A				
Post Lake Pl. to Harley Lester Ln.	45	1,690	Flashing Signal	27.0	0.0	II	42.7	A				
Harley Lester Ln. to Bear Lake Rd.	45	739	Signal	13.2	0.0	II	38.2	A	32.4	B		
Bear Lake Rd. to Hunt Club Blvd.	45	2,006	Signal	42.6	9.0	II	32.1	B	32.1	B		
Hunt Club Blvd. to Balmy Beach Dr.	45	1,795	Signal	28.2	0.0	II	43.4	A				
Balmy Beach Dr. to Line Dr.	45	1,531	Signal	32.4	5.4	II	32.2	B	37.4	A		
TOTAL		24,974		587.4	114.6						29.0	0.165 gal/veh
PM PEAK HOUR - Part A												
North Lake Blvd. to I-4 (E. Ramps)	40	1,162	Signal	102.0	61.2	II	7.8	F	7.8	F		
I-4 (E. Ramps) to I-4 (W. Ramps)	40	475	Signal	16.8	3.0	II	19.3	D				
I-4 (W. Ramps) to Wymore Rd./Douglas Ave.	40	317	Signal	7.8	0.0	II	27.7	C	22.0	D		
Wymore Rd./Douglas Ave. to Westmonte Dr.	40/45	1,056	Signal	21.0	0.0	II	34.3	B				
Westmonte Dr. to Grace Blvd.	45	1,056	Signal	19.2	0.0	II	37.5	A				
Grace Blvd. to Lynchfield Dr.	45	634	Signal	12.0	0.0	II	36.0	A				
Lynchfield Dr. to Montgomery Rd.	45	1,214	Signal	39.6	16.2	II	20.9	D	29.4	B		
Montgomery Rd. to Orange Ave.	45	1,214	Signal	20.4	0.0	II	40.6	A				
Orange Ave. to Weathersfield Dr.	45	845	Signal	13.2	0.0	II	43.6	A				
Weathersfield Dr. San Sebastian Prado	45	2,006	Signal	69.0	18.0	II	19.8	D				
San Sebastian Prado to SR 434	45	1,478	Signal	70.8	33.0	II	14.2	E	21.8	D		
SR 434 to Maple St/Center Entrance	45	1,478	Signal	26.4	0.0	II	38.2	A				
Maple St/Center Entrance to Pearl Lake Causeway	45	1,162	Signal	21.6	0.0	II	36.7	A				
Pearl Lake Causeway to W. Lake Brantley Rd.	45	1,320	Signal	27.0	1.2	II	33.3	B				
W. Lake Brantley Rd. to Post Lake Pl.	45	1,795	Signal	28.8	0.0	II	42.5	A				
Post Lake Pl. to Harley Lester Ln.	45	1,690	Flashing Signal	29.4	0.0	II	39.2	A				
Harley Lester Ln. to Bear Lake Rd.	45	739	Signal	16.2	0.0	II	31.1	B	29.6	B		
Bear Lake Rd. to Hunt Club Blvd.	45	2,006	Signal	139.2	60.6	II	9.8	F	9.8	F		
Hunt Club Blvd. to Balmy Beach Dr.	45	1,795	Signal	31.8	0.0	II	38.5	A				
Balmy Beach Dr. to Line Dr.	45	1,531	Signal	21.6	0.0	II	48.3	A	42.5	A		
TOTAL		24,974		733.8	193.2						23.2	0.168 gal/veh