

TABLE S1.1a
Year 2017 Seminole County Travel Time & Delay Study
SR 46 (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												
Lake Co. Line to Longwood Markham Rd.	55	4,488	Signal	106.8	6.0	I	28.7	C				
Longwood Markham Rd. to Lake Markham Rd.	55	5,702	SS Stop	95.4	0.0	I	40.8	A				
Lake Markham Rd. to Wayside Dr.	55	6,283	SS Stop	93.6	0.0	I	45.8	A				
Wayside Dr. to Orange Blvd.	55	1,742	Signal	61.8	22.8	I	19.2	D	34.7	B		
Orange Blvd. to Lake Forest Blvd.	55/50	3,538	Signal	57.0	0.0	I	42.3	A	42.3	A		
Lake Forest Blvd. to International Pkwy.	50	1,320	Signal	54.6	23.4	I	16.5	E				
International Pkwy. to Wayside Dr.	50/45	2,059	Signal	42.6	6.6	I	33.0	B				
Wayside Dr. to I-4 (W. Ramps)	45	845	Signal	18.6	0.0	I	31.0	C				
I-4 (W. Ramps) to I-4 (E. Ramps)	45	581	Signal	12.6	1.8	I	31.4	B	25.5	C		
I-4 (E. Ramps) to Town Center Blvd.	45	898	Signal	30.6	13.8	I	20.0	D				
Town Center Blvd. to Rinehart Rd.	45	1,003	Signal	22.8	1.2	I	30.0	C	24.3	C		
Rinehart Rd. to Upsala Rd./CR 15	45	2,693	Signal	104.4	43.2	I	17.6	E	17.6	E		
Upsala Rd./CR 15 to Central Park Dr.	45/55	1,690	Signal	37.8	0.6	I	30.5	C				
Central Park Dr. to Cedar Rd.	55	950	SS Stop	18.0	1.2	I	36.0	B				
Cedar Rd. to Kennel Rd.	55	1,320	SS Stop	18.6	0.0	I	48.4	A				
Kennel Rd. to Rand Yard Rd./MLK Jr. Blvd.	55	2,534	Signal	43.8	3.6	I	39.5	B				
Rand Yard Rd./MLK Jr. Blvd. to Airport Blvd.	55/45	1,426	Signal	38.4	11.4	I	25.3	C	34.5	B		
Airport Blvd. to Persimmon Ave.	45	2,957	SS Stop	47.4	0.0	I	42.5	A				
Persimmon Ave. to Mangoustine Ave.	45	2,006	SS Stop	33.6	0.0	I	40.7	A				
Mangoustine Ave. to Poplar Ave.	45/40	1,531	SS Stop	25.2	0.0	I	41.4	A				
Poplar Ave. to Holly Ave.	40	845	SS Stop	15.6	0.0	I	36.9	B				
Holly Ave. to US 17/92	40	686	Signal	93.6	26.4	I	5.0	F	25.4	C		
TOTAL		47,098		1072.8	162.0						29.9	0.308 gal/veh
PM PEAK HOUR - Part A												
Lake Co. Line to Longwood Markham Rd.	55	4,488	Signal	97.2	10.2	I	31.5	B				
Longwood Markham Rd. to Lake Markham Rd.	55	5,702	SS Stop	91.2	0.6	I	42.6	A				
Lake Markham Rd. to Wayside Dr.	55	6,283	SS Stop	94.8	0.0	I	45.2	A				
Wayside Dr. to Orange Blvd.	55	1,742	Signal	49.2	14.4	I	24.1	C	37.4	B		
Orange Blvd. to Lake Forest Blvd.	55/50	3,538	Signal	52.8	0.0	I	45.7	A	45.7	A		
Lake Forest Blvd. to International Pkwy.	50	1,320	Signal	63.6	28.8	I	14.2	F				
International Pkwy. to Wayside Dr.	50/45	2,059	Signal	89.4	28.2	I	15.7	E				
Wayside Dr. to I-4 (W. Ramps)	45	845	Signal	15.6	0.0	I	36.9	B				
I-4 (W. Ramps) to I-4 (E. Ramps)	45	581	Signal	9.6	0.0	I	41.2	A	18.4	D		
I-4 (E. Ramps) to Town Center Blvd.	45	898	Signal	30.6	0.0	I	20.0	D				
Town Center Blvd. to Rinehart Rd.	45	1,003	Signal	26.4	9.0	I	25.9	C	22.7	D		
Rinehart Rd. to Upsala Rd./CR 15	45	2,693	Signal	55.8	9.6	I	32.9	B	32.9	B		
Upsala Rd./CR 15 to Central Park Dr.	45/55	1,690	Signal	39.0	0.0	I	29.5	C				
Central Park Dr. to Cedar Rd.	55	950	SS Stop	15.0	0.0	I	43.2	A				
Cedar Rd. to Kennel Rd.	55	1,320	SS Stop	19.8	0.0	I	45.5	A				
Kennel Rd. to Rand Yard Rd./MLK Jr. Blvd.	55	2,534	Signal	34.8	0.0	I	49.7	A				
Rand Yard Rd./MLK Jr. Blvd. to Airport Blvd.	55/45	1,426	Signal	21.0	0.0	I	46.3	A	41.7	A		
Airport Blvd. to Persimmon Ave.	45	2,957	SS Stop	45.6	0.0	I	44.2	A				
Persimmon Ave. to Mangoustine Ave.	45	2,006	SS Stop	33.6	0.0	I	40.7	A				
Mangoustine Ave. to Poplar Ave.	45/40	1,531	SS Stop	26.4	0.0	I	39.5	B				
Poplar Ave. to Holly Ave.	40	845	SS Stop	16.2	0.0	I	35.6	B				
Holly Ave. to US 17/92	40	686	Signal	73.2	51.6	I	6.4	F	28.1	C		
TOTAL		47,098		1000.8	152.4						32.1	0.307 gal/veh

TABLE S1.2a
Year 2017 Seminole County Travel Time & Delay Study
SR 46 (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												
US 17/92 to Holly Ave.	40	686	SS Stop	14.4	0.0	I	32.5	B				
Holly Ave. to Poplar Ave.	40	845	SS Stop	14.4	0.0	I	40.0	B				
Poplar Ave. to Mangoustine Ave.	45/40	1,531	SS Stop	26.4	0.0	I	39.5	B				
Mangoustine Ave. to Persimmon Ave.	45	2,006	SS Stop	33.6	0.0	I	40.7	A				
Persimmon Ave. to Airport Blvd.	45	2,957	Signal	57.6	6.0	I	35.0	B	37.4	B		
Airport Blvd. to Rand Yard Rd.	45/55	1,426	SS Stop	32.4	7.2	I	30.0	C				
Rand Yard Rd. to Kennel Rd.	55	2,534	SS Stop	39.6	0.0	I	43.6	A				
Kennel Rd. to Cedar Rd.	55	1,320	SS Stop	18.6	0.0	I	48.4	A				
Cedar Rd. to Central Park Dr.	55	950	Signal	21.6	2.4	I	30.0	C				
Central Park Dr. to Upsala Rd./CR 15	55/45	1,690	Signal	29.4	0.0	I	39.2	B	38.1	B		
Upsala Rd./CR 15 to Rinehart Rd.	45	2,693	Signal	45.0	0.0	I	40.8	A	40.8	A		
Rinehart Rd. to Town Center Blvd.	45	1,003	Signal	51.0	22.2	I	13.4	F				
Town Center Blvd. to I-4 (E. Ramps)	45	898	Signal	33.0	7.2	I	18.5	D	15.4	E		
I-4 (E. Ramps) to I-4 (W. Ramps)	45	581	Signal	12.6	0.0	I	31.4	B				
I-4 (W. Ramps) to Wayside Dr.	45	845	Signal	28.2	4.2	I	20.4	D				
Wayside Dr. to International Pkwy.	45/50	2,059	Signal	43.8	8.4	I	32.1	B				
International Pkwy. to Lake Forest Blvd.	50	1,320	Signal	26.4	1.2	I	34.1	B	29.5	C		
Lake Forest Blvd. to Orange Blvd.	50/55	3,538	Signal	94.8	30.0	I	25.4	C	25.4	C		
Orange Blvd. to Wayside Dr.	55	1,742	SS Stop	33.0	0.0	I	36.0	B	36.0	B		
Wayside Dr. to Lake Markham Rd.	55	6,283	SS Stop	97.2	3.6	I	44.1	A				
Lake Markham Rd. to Longwood Markham Rd.	55	5,702	Signal	78.6	0.0	I	49.5	A				
Longwood Markham Rd. to Lake Co. Line	55	4,488	N/A	59.4	0.0	I	51.5	A	47.8	A		
TOTAL		47,098		891.0	92.4						36.0	0.305 gal/veh
PM PEAK HOUR - Part A												
US 17/92 to Holly Ave.	40	686	SS Stop	15.0	0.0	I	31.2	B				
Holly Ave. to Poplar Ave.	40	845	SS Stop	15.0	0.0	I	38.4	B				
Poplar Ave. to Mangoustine Ave.	45/40	1,531	SS Stop	26.4	0.0	I	39.5	B				
Mangoustine Ave. to Persimmon Ave.	45	2,006	SS Stop	33.0	0.0	I	41.5	A				
Persimmon Ave. to Airport Blvd.	45	2,957	Signal	57.6	0.6	I	35.0	B	37.2	B		
Airport Blvd. to Rand Yard Rd.	45/55	1,426	SS Stop	40.2	5.4	I	24.2	C				
Rand Yard Rd. to Kennel Rd.	55	2,534	SS Stop	39.6	0.0	I	43.6	A				
Kennel Rd. to Cedar Rd.	55	1,320	SS Stop	26.4	4.2	I	34.1	B				
Cedar Rd. to Central Park Dr.	55	950	Signal	73.2	32.4	I	8.9	F				
Central Park Dr. to Upsala Rd./CR 15	55/45	1,690	Signal	55.8	15.0	I	20.6	D	23.0	D		
Upsala Rd./CR 15 to Rinehart Rd.	45	2,693	Signal	52.8	0.0	I	34.8	B	34.8	B		
Rinehart Rd. to Town Center Blvd.	45	1,003	Signal	58.2	33.0	I	11.8	F				
Town Center Blvd. to I-4 (E. Ramps)	45	898	Signal	32.4	13.8	I	18.9	D	14.3	F		
I-4 (E. Ramps) to I-4 (W. Ramps)	45	581	Signal	10.8	0.0	I	36.7	B				
I-4 (W. Ramps) to Wayside Dr.	45	845	Signal	33.0	7.2	I	17.5	E				
Wayside Dr. to International Pkwy.	45/50	2,059	Signal	52.2	9.0	I	26.9	C				
International Pkwy. to Lake Forest Blvd.	50	1,320	Signal	28.2	4.2	I	31.9	B	26.4	C		
Lake Forest Blvd. to Orange Blvd.	50/55	3,538	Signal	139.8	50.4	I	17.3	E	17.3	E		
Orange Blvd. to Wayside Dr.	55	1,742	SS Stop	74.4	15.0	I	16.0	E	16.0	E		
Wayside Dr. to Lake Markham Rd.	55	6,283	SS Stop	153.0	11.4	I	28.0	C				
Lake Markham Rd. to Longwood Markham Rd.	55	5,702	Signal	149.4	14.4	I	26.0	C				
Longwood Markham Rd. to Lake Co. Line	55	4,488	N/A	69.6	0.0	I	44.0	A	30.2	C		
TOTAL		47,098		1236.0	216.0						26.0	0.319 gal/veh