

TABLE S1.1a
Year 2015 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	70.8	5.4	I	43.2	A				
Longwood Markham Rd. to Lake Markham Rd.	55	5,702	Stop	74.4	0.0	I	52.3	A				
Lake Markham Rd. to Wayside Dr.	55	6,283	Stop	85.2	0.0	I	50.3	A				
Wayside Dr. to Orange Blvd.	55	1,742	Signal	78.6	27.0	I	15.1	F	40.2	B		
Orange Blvd. to Lake Forest Blvd.	55/50	3,538	Signal	54.6	0.0	I	44.2	A	44.2	A		
Lake Forest Blvd. to International Pkwy.	50	1,320	Signal	36.6	8.4	I	24.6	D				
International Pkwy. to Wayside Dr.	50/45	2,059	Signal	50.4	9.0	I	27.9	C				
Wayside Dr. to I-4 (W. Ramps)	45	845	Signal	12.6	0.0	I	45.7	A				
I-4 (W. Ramps) to I-4 (E. Ramps)	45	581	Signal	13.8	2.4	I	28.7	C	28.9	C		
I-4 (E. Ramps) to Town Center Blvd.	45	898	Signal	15.0	0.0	I	40.8	B				
Town Center Blvd. to Rinehart Rd.	45	1,003	Signal	21.6	3.6	I	31.7	C	35.4	B		
Rinehart Rd. to Upsala Rd./CR 15	45	2,693	Signal	69.0	9.0	I	26.6	D	26.6	D		
Upsala Rd./CR 15 to Central Park Dr.	45/55	1,690	Signal	33.6	0.6	I	34.3	B				
Central Park Dr. to Cedar Rd.	55	950	Stop	15.0	0.0	I	43.2	A				
Cedar Rd. to Kennel Rd.	55	1,320	Stop	18.6	0.0	I	48.4	A				
Kennel Rd. to Rand Yard Rd./MLK Jr. Blvd.	55	2,534	Signal	37.2	1.2	I	46.5	A				
Rand Yard Rd./MLK Jr. Blvd. to Airport Blvd.	55/45	1,426	Signal	27.6	0.0	I	35.2	B	40.9	B		
Airport Blvd. to Persimmon Ave.	45	2,957	Stop	42.6	0.0	II	47.3	A				
Persimmon Ave. to Mangoustine Ave.	45	2,006	Stop	30.6	0.0	II	44.7	A				
Mangoustine Ave. to Poplar Ave.	45/40	1,531	Stop	24.0	0.0	II	43.5	A				
Poplar Ave. to Holly Ave.	40	845	Stop	14.4	0.0	II	40.0	A				
Holly Ave. to US 17/92	40	686	Signal	61.8	31.8	II	7.6	F	31.6	B		
TOTAL		47,098		888.0	98.4						36.2	0.303 gal/veh
PM PEAK HOUR - Part A												
Lake Co. Line to Longwood Markham Rd.	55	4,488	Signal	76.2	9.6	I	40.2	B				
Longwood Markham Rd. to Lake Markham Rd.	55	5,702	Stop	77.4	0.0	I	50.2	A				
Lake Markham Rd. to Wayside Dr.	55	6,283	Stop	86.4	0.0	I	49.6	A				
Wayside Dr. to Orange Blvd.	55	1,742	Signal	50.4	17.4	I	23.6	D	42.8	A		
Orange Blvd. to Lake Forest Blvd.	55/50	3,538	Signal	50.4	0.0	I	47.9	A	47.9	A		
Lake Forest Blvd. to International Pkwy.	50	1,320	Signal	21.6	0.0	I	41.7	B				
International Pkwy. to Wayside Dr.	50/45	2,059	Signal	39.6	0.6	I	35.5	B				
Wayside Dr. to I-4 (W. Ramps)	45	845	Signal	14.4	0.0	I	40.0	B				
I-4 (W. Ramps) to I-4 (E. Ramps)	45	581	Signal	9.6	0.0	I	41.2	B	38.4	B		
I-4 (E. Ramps) to Town Center Blvd.	45	898	Signal	16.2	0.0	I	37.8	B				
Town Center Blvd. to Rinehart Rd.	45	1,003	Signal	15.6	0.0	I	43.8	A	40.8	B		
Rinehart Rd. to Upsala Rd./CR 15	45	2,693	Signal	49.2	3.6	I	37.3	B	37.3	B		
Upsala Rd./CR 15 to Central Park Dr.	45/55	1,690	Signal	35.4	1.8	I	32.5	C				
Central Park Dr. to Cedar Rd.	55	950	Stop	21.6	0.0	I	30.0	C				
Cedar Rd. to Kennel Rd.	55	1,320	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	57.6	0.6	I	16.9	E	31.9	C		
Airport Blvd. to Persimmon Ave.	45	2,957	Stop	44.4	0.0	II	45.4	A				
Persimmon Ave. to Mangoustine Ave.	45	2,006	Stop	31.8	0.0	II	43.0	A				
Mangoustine Ave. to Poplar Ave.	45/40	1,531	Stop	24.0	0.0	II	43.5	A				
Poplar Ave. to Holly Ave.	40	845	Stop	13.8	0.0	II	41.7	A				
Holly Ave. to US 17/92	40	686	Signal	93.6	49.2	II	5.0	F	26.4	C		
TOTAL		47,098		883.8	82.8						36.3	0.303 gal/veh

TABLE S1.2a
Year 2015 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	Stop	12.6	0.0	II	37.1	A				
Holly Ave. to Poplar Ave.	40	845	Stop	12.6	0.0	II	45.7	A				
Poplar Ave. to Mangoustine Ave.	45/40	1,531	Stop	24.0	0.0	II	43.5	A				
Mangoustine Ave. to Persimmon Ave.	45	2,006	Stop	30.6	0.0	II	44.7	A				
Persimmon Ave. to Airport Blvd.	45	2,957	Signal	55.8	5.4	II	36.1	A	40.4	A		
Airport Blvd. to Rand Yard Rd.	45/55	1,426	Stop	24.0	0.0	I	40.5	B				
Rand Yard Rd. to Kennel Rd.	55	2,534	Stop	34.8	0.0	I	49.7	A				
Kennel Rd. to Cedar Rd.	55	1,320	Stop	18.0	0.0	I	50.0	A				
Cedar Rd. to Central Park Dr.	55	950	Signal	24.0	5.4	I	27.0	D				
Central Park Dr. to Upsala Rd./CR 15	55/45	1,690	Signal	37.2	3.0	I	31.0	C	39.1	B		
Upsala Rd./CR 15 to Rinehart Rd.	45	2,693	Signal	42.6	0.0	I	43.1	A	43.1	A		
Rinehart Rd. to Town Center Blvd.	45	1,003	Signal	24.0	7.2	I	28.5	C				
Town Center Blvd. to I-4 (E. Ramps)	45	898	Signal	21.0	6.0	I	29.1	C	28.8	C		
I-4 (E. Ramps) to I-4 (W. Ramps)	45	581	Signal	9.6	0.0	I	41.2	B				
I-4 (W. Ramps) to Wayside Dr.	45	845	Signal	18.6	0.6	I	31.0	C				
Wayside Dr. to International Pkwy.	45/50	2,059	Signal	61.8	13.8	I	22.7	D				
International Pkwy. to Lake Forest Blvd.	50	1,320	Signal	31.8	6.6	I	28.3	C	26.9	D		
Lake Forest Blvd. to Orange Blvd.	50/55	3,538	Signal	54.6	1.2	I	44.2	A	44.2	A		
Orange Blvd. to Wayside Dr.	55	1,742	Stop	25.2	0.0	I	47.1	A	47.1	A		
Wayside Dr. to Lake Markham Rd.	55	6,283	Stop	79.2	0.0	I	54.1	A				
Lake Markham Rd. to Longwood Markham Rd.	55	5,702	Signal	81.6	1.2	I	47.6	A				
Longwood Markham Rd. to Lake Co. Line	55	4,488	Stop	61.8	0.0	I	49.5	A	50.5	A		
TOTAL		47,098		785.4	50.4						40.9	0.303 gal/veh
PM PEAK HOUR - Part A												
US 17/92 to Holly Ave.	40	686	Stop	12.6	0.0	II	37.1	A				
Holly Ave. to Poplar Ave.	40	845	Stop	13.8	0.0	II	41.7	A				
Poplar Ave. to Mangoustine Ave.	45/40	1,531	Stop	24.0	0.0	II	43.5	A				
Mangoustine Ave. to Persimmon Ave.	45	2,006	Stop	33.6	0.0	II	40.7	A				
Persimmon Ave. to Airport Blvd.	45	2,957	Signal	66.6	11.4	II	30.3	B	36.3	A		
Airport Blvd. to Rand Yard Rd.	45/55	1,426	Stop	27.6	4.2	I	35.2	B				
Rand Yard Rd. to Kennel Rd.	55	2,534	Stop	37.2	0.0	I	46.5	A				
Kennel Rd. to Cedar Rd.	55	1,320	Stop	18.6	0.0	I	48.4	A				
Cedar Rd. to Central Park Dr.	55	950	Signal	37.8	9.6	I	17.1	E				
Central Park Dr. to Upsala Rd./CR 15	55/45	1,690	Signal	75.6	21.0	I	15.2	F	27.4	C		
Upsala Rd./CR 15 to Rinehart Rd.	45	2,693	Signal	48.6	2.4	I	37.8	B	37.8	B		
Rinehart Rd. to Town Center Blvd.	45	1,003	Signal	31.8	13.2	I	21.5	D				
Town Center Blvd. to I-4 (E. Ramps)	45	898	Signal	18.0	0.0	I	34.0	C	26.0	D		
I-4 (E. Ramps) to I-4 (W. Ramps)	45	581	Signal	9.6	0.0	I	41.2	B				
I-4 (W. Ramps) to Wayside Dr.	45	845	Signal	42.0	18.6	I	13.7	F				
Wayside Dr. to International Pkwy.	45/50	2,059	Signal	36.0	2.4	I	39.0	B				
International Pkwy. to Lake Forest Blvd.	50	1,320	Signal	20.4	0.0	I	44.1	A	30.3	C		
Lake Forest Blvd. to Orange Blvd.	50/55	3,538	Signal	65.4	4.8	I	36.9	B	36.9	B		
Orange Blvd. to Wayside Dr.	55	1,742	Stop	37.2	0.0	I	31.9	C	31.9	C		
Wayside Dr. to Lake Markham Rd.	55	6,283	Stop	103.8	1.8	I	41.3	B				
Lake Markham Rd. to Longwood Markham Rd.	55	5,702	Signal	102.0	10.2	I	38.1	B				
Longwood Markham Rd. to Lake Co. Line	55	4,488	Stop	64.2	0.0	I	47.7	A	41.6	B		
TOTAL		47,098		926.4	99.6						34.7	0.305 gal/veh