

TABLE C8.1a
Year 2017 Seminole County Travel Time & Delay Study
CR 46A - 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												
Orange Blvd. to International Pkwy.	35	1,584	Signal	87.6	36.6	II	12.3	E				
International Pkwy. to I-4 WB Ramps	40	1,214	Signal	39.0	13.8	I	21.2	D				
I-4 WB Ramps to I-4 EB Ramps	40	1,426	Signal	29.4	0.6	I	33.1	B				
I-4 EB Ramps to Rinehart Rd.	40	792	Signal	18.0	1.2	I	30.0	C	19.7	D		
Rinehart Rd. to Bright Meadow Dr.	40	3,010	SS Stop	51.0	0.0	I	40.2	A				
Bright Meadow Dr. to Oregon Ave.	40	3,010	Signal	70.2	12.6	I	29.2	C				
Oregon Ave. to Rantoul Ln.	40	2,165	SS Stop	41.4	2.4	I	35.7	B				
Rantoul Ln. to Country Club (West)	40	1,267	Signal	25.8	0.6	I	33.5	B				
Country Club (West) to Upsala Rd.	40	528	Signal	8.4	0.0	I	42.9	A				
Upsala Rd. to Vihlen Rd.	40	2,640	Signal	46.8	0.0	I	38.5	B				
Vihlen Rd. to Country Club (East)	40	211	SS Stop	6.0	0.0	I	24.0	C				
Country Club (East) to Casa Verde Blvd.	40	634	Signal	8.4	0.0	I	51.4	A				
Casa Verde Blvd. to SR 417 SB	40	898	Signal	15.6	0.0	I	39.2	B				
SR 417 SB to SR 417 NB	40	634	Signal	10.2	0.0	I	42.4	A				
SR 417 NB to Airport Blvd.	40	1,003	Signal	64.2	28.8	I	10.7	F	30.8	C		
Airport Blvd. to Old Lake Mary Rd.	40	1,320	Signal	24.6	0.0	I	36.6	B				
Old Lake Mary Rd. to RR Tracks	40	528	RR	9.0	0.0	I	40.0	B				
RR Tracks to Hardy Ave.	40	1,426	SS Stop	24.0	0.0	I	40.5	A				
Hardy Ave. to Ridgewood Ave.	40	1,162	Signal	18.6	0.0	I	42.6	A				
Ridgewood Ave. to Georgia Ave.	40	845	SS Stop	14.4	0.0	I	40.0	B				
Georgia Ave. to Hartwell Ave.	40	317	Signal	4.8	0.0	I	45.0	A				
Hartwell Ave. to Grenada Ave.	45	1,320	SS Stop	21.0	0.0	I	42.9	A				
Grenada Ave. to US 17/92	45/30	1,003	Signal	49.2	18.6	I	13.9	F	32.6	B		
TOTAL		28,934		687.6	115.2						28.7	0.191 gal/veh
PM PEAK HOUR												
Orange Blvd. to International Pkwy.	35	1,584	Signal	102.0	59.4	II	10.6	E				
International Pkwy. to I-4 WB Ramps	40	1,214	Signal	84.6	53.4	I	9.8	F				
I-4 WB Ramps to I-4 EB Ramps	40	1,426	Signal	52.8	13.8	I	18.4	D				
I-4 EB Ramps to Rinehart Rd.	40	792	Signal	40.2	19.8	I	13.4	F	12.2	F		
Rinehart Rd. to Bright Meadow Dr.	40	3,010	SS Stop	53.4	0.0	I	38.4	B				
Bright Meadow Dr. to Oregon Ave.	40	3,010	Signal	67.2	8.4	I	30.5	C				
Oregon Ave. to Rantoul Ln.	40	2,165	SS Stop	35.4	0.0	I	41.7	A				
Rantoul Ln. to Country Club (West)	40	1,267	Signal	25.2	0.6	I	34.3	B				
Country Club (West) to Upsala Rd.	40	528	Signal	9.0	0.0	I	40.0	B				
Upsala Rd. to Vihlen Rd.	40	2,640	Signal	43.8	0.0	I	41.1	A				
Vihlen Rd. to Country Club (East)	40	211	SS Stop	5.4	0.0	I	26.7	C				
Country Club (East) to Casa Verde Blvd.	40	634	Signal	10.2	0.0	I	42.4	A				
Casa Verde Blvd. to SR 417 SB	40	898	Signal	15.6	0.0	I	39.2	B				
SR 417 SB to SR 417 NB	40	634	Signal	10.2	0.0	I	42.4	A				
SR 417 NB to Airport Blvd.	40	1,003	Signal	17.4	0.0	I	39.3	B	37.1	B		
Airport Blvd. to Old Lake Mary Rd.	40	1,320	Signal	29.4	0.0	I	30.6	C				
Old Lake Mary Rd. to RR Tracks	40	528	RR	9.0	0.0	I	40.0	B				
RR Tracks to Hardy Ave.	40	1,426	SS Stop	24.6	0.0	I	39.5	B				
Hardy Ave. to Ridgewood Ave.	40	1,162	Signal	22.8	1.2	I	34.7	B				
Ridgewood Ave. to Georgia Ave.	40	845	SS Stop	16.2	0.0	I	35.6	B				
Georgia Ave. to Hartwell Ave.	40	317	Signal	6.0	0.0	I	36.0	B				
Hartwell Ave. to Grenada Ave.	45	1,320	SS Stop	26.4	1.2	I	34.1	B				
Grenada Ave. to US 17/92	45/30	1,003	Signal	71.4	40.2	I	9.6	F	26.2	C		
TOTAL		28,934		778.2	198.0						25.4	0.193 gal/veh

TABLE C8.1b
Year 2017 Seminole County Travel Time & Delay Study
CR 46A - 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												
US 17/92 to Grenada Ave.	30/45	1,003	SS Stop	17.4	0.0	II	39.3	A				
Grenada Ave. to Hartwell Ave.	45	1,320	Signal	24.0	1.8	I	37.5	B				
Hartwell Ave. to Georgia Ave.	45	317	SS Stop	5.4	0.0	I	40.0	B				
Georgia Ave. to Ridgewood Ave.	45	845	Signal	19.2	2.4	I	30.0	C				
Ridgewood Ave. to Hardy Ave.	45	1,162	SS Stop	19.2	0.0	I	41.2	A				
Hardy Ave. to RR Tracks	45	1,426	RR	23.4	0.0	I	41.5	A				
RR Tracks to Old Lake Mary Rd.	45	528	Signal	9.0	0.0	I	40.0	B				
Old Lake Mary Rd. to Airport Blvd.	45	1,320	Signal	43.8	10.8	I	20.5	D	33.5	B		
Airport Blvd. to SR 417 NB	45	1,003	Signal	19.8	0.0	I	34.5	B				
SR 417 NB to SR 417 SB	45	634	Signal	10.2	0.0	I	42.4	A				
SR 417 SB to Casa Verde Blvd.	40	898	Signal	15.0	0.0	I	40.8	A				
Casa Verde Blvd. to Country Club (East)	40	634	SS Stop	9.6	0.0	I	45.0	A				
Country Club (East) to Vihlen Rd.	40	211	Signal	6.0	0.0	I	24.0	C				
Vihlen Rd. to Upsala Rd.	40	2,640	Signal	45.0	0.0	I	40.0	B				
Upsala Rd. to Country Club (West)	40	528	Signal	8.4	0.0	I	42.9	A				
Country Club (West) to Rantoul Ln.	40	1,267	SS Stop	22.2	0.0	I	38.9	B				
Rantoul Ln. to Oregon Ave.	40	2,165	Signal	37.8	0.0	I	39.0	B				
Oregon Ave. to Bright Meadow Dr.	40	3,010	SS Stop	51.6	0.0	I	39.8	B				
Bright Meadow Dr. to Rinehart Rd.	40	2,957	Signal	141.0	61.8	I	14.3	F	29.2	C		
Rinehart Rd. to I-4 EB Ramps	40	792	Signal	16.2	0.0	I	33.3	B				
I-4 EB Ramps to I-4 WB Ramps	40	1,426	Signal	52.8	21.0	I	18.4	D				
I-4 WB Ramps to International Pkwy.	40	1,214	Signal	65.4	22.2	I	12.7	F				
International Pkwy. to Orange Blvd.	35	1,584	ML Stop	44.4	6.6	II	24.3	B	19.1	C		
TOTAL		28,882		706.8	126.6						27.9	0.191 gal/veh
PM PEAK HOUR												
US 17/92 to Grenada Ave.	30/45	1,003	SS Stop	18.6	0.0	II	36.8	A				
Grenada Ave. to Hartwell Ave.	45	1,320	Signal	22.8	0.0	I	39.5	B				
Hartwell Ave. to Georgia Ave.	45	317	SS Stop	5.4	0.0	I	40.0	B				
Georgia Ave. to Ridgewood Ave.	45	845	Signal	29.4	4.2	I	19.6	D				
Ridgewood Ave. to Hardy Ave.	45	1,162	SS Stop	21.0	0.0	I	37.7	B				
Hardy Ave. to RR Tracks	45	1,426	RR	25.8	0.0	I	37.7	B				
RR Tracks to Old Lake Mary Rd.	45	528	Signal	17.4	3.6	I	20.7	D				
Old Lake Mary Rd. to Airport Blvd.	45	1,320	Signal	36.6	0.0	I	24.6	C	30.5	C		
Airport Blvd. to SR 417 NB	45	1,003	Signal	19.2	0.0	I	35.6	B				
SR 417 NB to SR 417 SB	45	634	Signal	10.2	0.0	I	42.4	A				
SR 417 SB to Casa Verde Blvd.	40	898	Signal	21.0	1.8	I	29.1	C				
Casa Verde Blvd. to Country Club (East)	40	634	SS Stop	10.2	0.0	I	42.4	A				
Country Club (East) to Vihlen Rd.	40	211	Signal	6.0	0.0	I	24.0	C				
Vihlen Rd. to Upsala Rd.	40	2,640	Signal	79.8	18.6	I	22.6	D				
Upsala Rd. to Country Club (West)	40	528	Signal	9.6	0.0	I	37.5	B				
Country Club (West) to Rantoul Ln.	40	1,267	SS Stop	23.4	0.0	I	36.9	B				
Rantoul Ln. to Oregon Ave.	40	2,165	Signal	52.2	12.0	I	28.3	C				
Oregon Ave. to Bright Meadow Dr.	40	3,010	SS Stop	51.0	0.0	I	40.2	A				
Bright Meadow Dr. to Rinehart Rd.	40	2,957	Signal	115.2	31.2	I	17.5	E	27.2	C		
Rinehart Rd. to I-4 EB Ramps	40	792	Signal	24.6	1.8	I	22.0	D				
I-4 EB Ramps to I-4 WB Ramps	40	1,426	Signal	36.6	3.0	I	26.6	C				
I-4 WB Ramps to International Pkwy.	40	1,214	Signal	52.2	14.4	I	15.9	E				
International Pkwy. to Orange Blvd.	35	1,584	ML Stop	55.8	15.0	II	19.4	C	20.2	C		
TOTAL		28,882		744.0	105.6						26.5	0.193 gal/veh