

TABLE C8.1a
Year 2008 Seminole County Travel Time & Delay Study
CR 46A - Eastbound Direction Summary

Roadway Segment	Speed	Distance (ft)	Traffic	Travel	Stop	Roadway Class	Roadway Segment		Roadway Section		Roadway Summary	
	Limit (mph)		Control Device	Time (sec)	Delay (sec)		Average Speed (mph)	LOS	Average Speed (mph)	LOS	Avg. Speed (mph)	Avg. Fuel Consump.
AM PEAK HOUR												
Orange Blvd. to International Blvd	35	1,551	Signal	114.0	87.4	II	9.3	F				
International Blvd to I-4 WB Ramps	40	1,243	Signal	72.3	50.9	II	11.7	F				
I-4 WB Ramps to I-4 EB Ramps	40	1,409	Signal	28.6	4.4	II	33.6	B				
I-4 EB Ramps to Rinehart Rd.	40	818	Signal	33.4	20.2	II	16.7	E	13.8	E		
Rinehart Rd. to Bright Meadow Dr.	40	3,074	Stop	47.9	0.0	II	43.8	A				
Bright Meadow Dr. to Oregon Ave.	40	3,013	Signal	54.0	7.2	II	38.0	A				
Oregon Ave. to Rantoul Lane	40	2,150	Stop	32.3	0.0	II	45.3	A				
Rantoul Lane to Country Club (West)	40	1,291	Signal	19.4	0.0	II	45.3	A				
Country Club (West) to Upsala Rd.	40	536	Signal	10.6	1.9	II	34.6	B				
Upsala Rd. to Vihlen Rd	40	2,655	Signal	47.7	6.2	II	38.0	A				
Vihlen Rd to Country Club (East)	40	368	Stop	6.9	0.8	II	36.4	A				
Country Club (East) to Casa Verde Blvd.	40	433	Signal	11.3	4.2	II	26.0	C				
Casa Verde Blvd. to SR 417 SB	40	971	Signal	20.3	5.2	II	32.6	B				
SR 417 SB to SR 417 NB	45	555	Signal	15.2	6.0	II	24.9	C				
SR 417 NB to Airport Blvd.	45	995	Signal	41.8	24.6	II	16.2	E	35.9	A		
Airport Blvd. to Old Lake Mary Rd.	45	1,386	Signal	43.9	19.9	II	21.5	D				
Old Lake Mary Rd. to RR Tracks	45	575	Stop	11.6	1.3	II	33.9	B				
RR Tracks to Hardy Ave.	45	1,405	Stop	22.7	0.2	II	42.3	A				
Hardy Ave. to Ridgewood Ave.	45	1,096	Signal	28.3	10.0	II	26.4	C				
Ridgewood Ave. to Georgia Ave.	45	921	Stop	18.1	2.3	II	34.7	B				
Georgia Ave. to Hartwell Ave.	45	297	Signal	9.0	4.0	II	22.5	C				
Hartwell Ave. to Grenada Ave.	45	1,366	Stop	23.8	1.2	II	39.2	A				
Grenada Ave. to US-17/92	45	853	Signal	58.2	43.2	II	10.0	F	25.0	C		
TOTAL		28,961		771.3	301.3						25.6	0.34 gal/veh
PM PEAK HOUR												
Orange Blvd. to International Blvd	35	1560	Signal	89.1	62.1	II	11.9	F				
International Blvd to I-4 WB Ramps	40	1241	Signal	92.9	71.6	II	9.1	F				
I-4 WB Ramps to I-4 EB Ramps	40	1411	Signal	47.4	23.1	II	20.3	D				
I-4 EB Ramps to Rinehart Rd.	40	800	Signal	44.9	30.9	II	12.2	F	12.5	F		
Rinehart Rd. to Bright Meadow Dr.	40	3074	Stop	53.1	1.0	II	39.4	A				
Bright Meadow Dr. to Oregon Ave.	40	3024	Signal	53.0	5.6	II	38.9	A				
Oregon Ave. to Rantoul Lane	40	2146	Stop	32.4	0.0	II	45.1	A				
Rantoul Lane to Country Club (West)	40	1253	Signal	40.0	19.9	II	21.4	D				
Country Club (West) to Upsala Rd.	40	580	Signal	10.6	1.1	II	37.4	A				
Upsala Rd. to Vihlen Rd	40	2644	Signal	39.7	0.0	II	45.4	A				
Vihlen Rd to Country Club (East)	40	392	Stop	5.7	0.0	II	46.8	A				
Country Club (East) to Casa Verde Blvd.	40	396	Signal	8.9	2.7	II	30.5	B				
Casa Verde Blvd. to SR 417 SB	40	985	Signal	16.9	2.7	II	39.8	A				
SR 417 SB to SR 417 NB	45	560	Signal	8.4	0.3	II	45.3	A				
SR 417 NB to Airport Blvd.	45	985	Signal	40.7	24.3	II	16.5	E	35.5	A		
Airport Blvd. to Old Lake Mary Rd.	45	1385	Signal	37.0	13.1	II	25.5	C				
Old Lake Mary Rd. to RR Tracks	45	569	Stop	11.4	1.9	II	33.9	B				
RR Tracks to Hardy Ave.	45	1406	Stop	24.6	0.6	II	39.0	A				
Hardy Ave. to Ridgewood Ave.	45	1110	Signal	28.3	9.4	II	26.8	C				
Ridgewood Ave. to Georgia Ave.	45	909	Stop	18.3	2.3	II	33.9	B				
Georgia Ave. to Hartwell Ave.	45	289	Signal	5.6	0.4	II	35.4	A				
Hartwell Ave. to Grenada Ave.	45	1366	Stop	24.7	1.3	II	37.7	A				
Grenada Ave. to US-17/92	45	842	Signal	97.6	82.9	II	5.9	F	21.7	D		
TOTAL		28,927		831.1	357.1						23.7	0.34 gal/veh

TABLE C8.1b
Year 2008 Seminole County Travel Time & Delay Study
CR 46A - Westbound Direction Summary

Roadway Segment	Speed	Distance (ft)	Traffic	Travel	Stop	Roadway Class	Roadway Segment		Roadway Section		Roadway Summary	
	Limit (mph)		Control Device	Time (sec)	Delay (sec)		Average Speed (mph)	LOS	Average Speed (mph)	LOS	Avg. Speed (mph)	Avg. Fuel Consump.
AM PEAK HOUR												
US-17/92 to Grenada Ave.	45	1,027	Stop	20.2	2.4	II	34.6	B				
Grenada Ave. to Hartwell Ave.	45	1,317	Signal	22.7	2.3	II	39.6	A				
Hartwell Ave. to Georgia Ave.	45	351	Stop	5.9	0.4	II	40.6	A				
Georgia Ave. to Ridgewood Ave.	45	756	Signal	18.8	6.1	II	27.4	C				
Ridgewood Ave. to Hardy Ave.	45	1,244	Stop	21.9	1.1	II	38.7	A				
Hardy Ave. to RR Tracks	45	1,444	Stop	23.3	0.2	II	42.2	A				
RR Tracks to Old Lake Mary Rd	45	458	Signal	27.9	20.0	II	11.2	F				
Old Lake Mary Rd. to Airport Blvd.	45	1,307	Signal	42.1	20.1	II	21.2	D	29.5	B		
Airport Blvd. to SR 417 NB	45	1,076	Signal	21.2	2.4	II	34.6	B				
SR 417 NB to SR 417 SB	45	572	Signal	9.8	0.4	II	39.9	A				
SR 417 SB to Casa Verde Blvd.	40	918	Signal	15.8	1.3	II	39.7	A				
Casa Verde Blvd. to Country Club (East)	40	530	Stop	9.2	0.9	II	39.2	A				
Country Club (East) to Vihlen Rd	40	314	Signal	7.6	2.3	II	28.3	B				
Vihlen Rd to Upsala Rd.	40	2,654	Signal	42.7	1.2	II	42.4	A				
Upsala Rd. to Country Club (West)	40	578	Signal	9.2	0.0	II	42.7	A				
Country Club (West) to Rantoul Lane	40	1,338	Stop	20.1	0.0	II	45.4	A				
Rantoul Lane to Oregon Ave.	40	2,053	Signal	35.9	4.8	II	39.0	A				
Oregon Ave. to Bright Meadow Dr.	40	3,084	Stop	46.8	0.2	II	45.0	A				
Bright Meadow Dr. to Rinehart Rd.	40	2,837	Signal	86.7	37.8	II	22.3	C	35.5	A		
Rinehart Rd. to I-4 EB Ramps	40	812	Signal	34.1	20.0	II	16.2	E				
I-4 EB Ramps to I-4 WB Ramps	40	1,438	Signal	26.8	2.3	II	36.6	A				
I-4 WB Ramps to International Blvd	40	1,215	Signal	33.0	13.2	II	25.1	C				
International Blvd to Orange Blvd.	35	1,561	Stop	31.9	5.2	II	33.4	B	27.2	C		
TOTAL		28,884		613.4	145.0						32.1	0.30 gal/veh
PM PEAK HOUR												
US-17/92 to Grenada Ave.	45	1,030	Stop	20.9	2.9	II	33.6	B				
Grenada Ave. to Hartwell Ave.	45	1,328	Signal	24.3	3.1	II	37.3	A				
Hartwell Ave. to Georgia Ave.	45	323	Stop	5.8	0.5	II	38.3	A				
Georgia Ave. to Ridgewood Ave.	45	780	Signal	17.4	4.1	II	30.6	B				
Ridgewood Ave. to Hardy Ave.	45	1,237	Stop	20.9	0.6	II	40.4	A				
Hardy Ave. to RR Tracks	45	1,441	Stop	22.9	0.5	II	42.9	A				
RR Tracks to Old Lake Mary Rd	45	461	Signal	14.5	6.9	II	21.7	D				
Old Lake Mary Rd. to Airport Blvd.	45	1,304	Signal	50.4	28.0	II	17.6	D	30.5	B		
Airport Blvd. to SR 417 NB	45	1,076	Signal	22.0	3.5	II	33.3	B				
SR 417 NB to SR 417 SB	45	556	Signal	9.1	0.4	II	41.5	A				
SR 417 SB to Casa Verde Blvd.	40	935	Signal	20.8	5.5	II	30.7	B				
Casa Verde Blvd. to Country Club (East)	40	532	Stop	9.9	0.9	II	36.7	A				
Country Club (East) to Vihlen Rd	40	297	Signal	7.1	2.5	II	28.4	B				
Vihlen Rd to Upsala Rd.	40	2,656	Signal	67.9	23.1	II	26.7	C				
Upsala Rd. to Country Club (West)	40	551	Signal	15.1	5.5	II	24.8	C				
Country Club (West) to Rantoul Lane	40	1,384	Stop	22.6	0.6	II	41.7	A				
Rantoul Lane to Oregon Ave.	40	2,037	Signal	36.0	4.9	II	38.6	A				
Oregon Ave. to Bright Meadow Dr.	40	3,098	Stop	49.0	1.3	II	43.1	A				
Bright Meadow Dr. to Rinehart Rd.	40	2,814	Signal	98.8	50.8	II	19.4	D	30.3	B		
Rinehart Rd. to I-4 EB Ramps	40	832	Signal	29.5	14.9	II	19.2	D				
I-4 EB Ramps to I-4 WB Ramps	40	1,450	Signal	26.4	1.9	II	37.5	A				
I-4 WB Ramps to International Blvd	40	1,209	Signal	58.5	38.3	II	14.1	E				
International Blvd to Orange Blvd.	35	1,557	Stop	57.4	31.3	II	18.5	D	20.0	D		
TOTAL		28,888		706.9	231.8						27.9	0.68 gal/veh