

**TABLE S1.1a**  
**Year 2008 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 (mph)	LOS	Average Speed (mph)	LOS	Avg. Speed (mph)	Avg. Fuel Consump.
<b>AM PEAK HOUR - Part A</b>												
Lake County Line to Longwood -Markham Rd.	55	5,239	Signal	65.1	0.0	I	54.8	A				
Longwood-Markham Rd. to Wayside Dr.	55	12,129	Signal	175.3	16.7	I	47.2	A				
Wayside Dr. to Orange Blvd.	55	1,633	Signal	55.3	30.3	I	20.1	E	43.8	A		
Orange Boulevard to Lake Forest	55	3,526	Signal	66.1	14.3	I	36.3	B	36.3	B		
Lake Forest to International Parkway	55	1,310	Signal	39.3	19.0	I	22.7	D				
International Parkway to Wayside Avenue	55/45	2,068	Signal	36.6	5.1	I	38.6	B	30.4	C		
Wayside Avenue to I-4 West Ramp	45	829	Signal	24.7	11.7	I	22.9	D				
I-4 West Ramp to I-4 East Ramp	45	617	Signal	24.0	14.3	I	17.5	E				
I-4 East Ramp to Town Center Blvd.	45	863	Signal	24.3	11.1	I	24.2	D				
Town Center Blvd. to Rinehart Rd.	45	984	Signal	32.7	17.6	I	20.5	E	21.2	D		
Rinehart Rd. to Upsala Rd.	45	2,703	Signal	49.4	8.4	I	37.3	B	37.3	B		
Upsala Rd. to Cedar St.	45/55	1,728	Stop	29.1	2.7	I	40.4	B				
Cedar St. to Kennel St.	55	2,311	Stop	30.4	0.0	I	51.8	A				
Kennel St. to Randyard Rd.	55	2,449	Stop	48.7	14.7	I	34.3	B				
Randyard Rd. to Airport Blvd.	55/45	1,456	Signal	27.7	7.3	I	35.8	B	39.8	B		
Airport Blvd to Persimmon Ave	45	2,997	Stop	42.3	0.4	I	48.3	A				
Persimmon Ave to Mangoustine Ave	45	1,991	Stop	29.1	0.0	I	46.6	A				
Mangoustine Ave to Poplar Ave	45/40	1,524	Stop	22.4	0.3	I	46.3	A				
Poplar Ave to Holly Ave	40	842	Stop	13.9	0.9	I	41.4	B				
Holly Ave to US 17-92	40	552	Signal	39.6	31.0	I	9.5	F	36.6	B		
<b>TOTAL</b>		<b>47,751</b>		<b>876.1</b>	<b>205.9</b>						<b>37.2</b>	<b>0.50 gal/veh</b>
<b>PM PEAK HOUR - Part A</b>												
Lake County Line to Longwood -Markham Rd.	55	5,233	Signal	65.1	0.0	I	54.8	A				
Longwood-Markham Rd. to Wayside Dr.	55	12,112	Signal	147.1	0.0	I	56.1	A				
Wayside Dr. to Orange Blvd.	55	1,652	Signal	38.4	15.1	I	29.3	C	51.7	A		
Orange Boulevard to Lake Forest	55	3,519	Signal	46.4	0.3	I	51.7	A	51.7	A		
Lake Forest to International Parkway	55	1,321	Signal	27.7	9.9	I	32.5	C				
International Parkway to Wayside Avenue	55/45	2,061	Signal	63.4	31.9	I	22.2	D	25.3	D		
Wayside Avenue to I-4 West Ramp	45	819	Signal	31.6	19.0	I	17.7	E				
I-4 West Ramp to I-4 East Ramp	45	627	Signal	32.1	22.1	I	13.3	F				
I-4 East Ramp to Town Center Blvd.	45	854	Signal	24.6	11.4	I	23.7	D				
Town Center Blvd. to Rinehart Rd.	45	999	Signal	30.0	14.7	I	22.7	D	19.0	E		
Rinehart Rd. to Upsala Rd.	45	2,683	Signal	93.3	53.0	I	19.6	E	19.6	E		
Upsala Rd. to Cedar St.	45/55	1,733	Stop	38.1	12.0	I	31.0	C				
Cedar St. to Kennel St.	55	2,315	Stop	31.7	0.0	I	49.8	A				
Kennel St. to Randyard Rd.	55	2,451	Stop	42.0	8.0	I	39.8	B				
Randyard Rd. to Airport Blvd.	55/45	1,425	Signal	23.4	3.0	I	41.5	B	39.9	B		
Airport Blvd to Persimmon Ave	45	3,015	Stop	44.0	1.1	I	46.7	A				
Persimmon Ave to Mangoustine Ave	45	2,013	Stop	34.7	4.4	I	39.5	B				
Mangoustine Ave to Poplar Ave	45/40	1,511	Stop	23.9	1.7	I	43.2	A				
Poplar Ave to Holly Ave	40	871	Stop	14.7	1.6	I	40.4	B				
Holly Ave to US 17-92	40	551	Signal	32.7	24.3	I	11.5	F	36.2	B		
<b>TOTAL</b>		<b>47,765</b>		<b>885.1</b>	<b>233.6</b>						<b>36.8</b>	<b>0.52 gal/veh</b>

**TABLE S1.1b**  
**Year 2008 Seminole County Travel Time & Delay Study**  
**SR 46 (Part B) - 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		
<b>AM PEAK HOUR - Part B</b>												
US 17-92 to Park Avenue	35	1,657	Signal	35.3	9.7	I	32.0	C				
Park Avenue to Sanford Avenue	35	1,001	Signal	45.0	29.7	I	15.2	F	22.6	D		
Sanford Avenue to Mellonville Avenue	35/40	2,815	Stop	47.2	4.7	I	40.7	B	40.7	B		
Mellonville Avenue to Brisson Ave	40/50	5,423	Stop	70.8	0.0	I	52.2	A				
Brisson Avenue to Beardall Avenue	50	5,323	Stop	74.2	0.2	I	48.9	A	50.5	A		
Beardall Avenue to SR 415	50	3,125	Signal	60.0	14.7	I	35.5	B	35.5	B		
SR 415 to Rosalind Avenue	50	2,141	Stop	33.0	1.3	I	44.2	A	44.2	A		
<b>TOTAL</b>		<b>21,485</b>		<b>365.5</b>	<b>60.2</b>						<b>40.1</b>	<b>0.22 gal/veh</b>
<b>PM PEAK HOUR - Part B</b>												
US 17-92 to Park Avenue	35	1,656	Signal	35.2	10.0	I	32.1	C				
Park Avenue to Sanford Avenue	35	1,007	Signal	70.2	54.5	I	9.8	F	17.2	E		
Sanford Avenue to Mellonville Avenue	35/40	2,805	Stop	47.7	4.7	I	40.1	B	40.1	B		
Mellonville Avenue to Brisson Ave	40/50	5,394	Stop	73.2	0.0	I	50.3	A				
Brisson Avenue to Beardall Avenue	50	5,361	Stop	84.5	8.3	I	43.3	A	46.5	A		
Beardall Avenue to SR 415	50	3,097	Signal	106.3	59.5	I	19.9	E	19.9	E		
SR 415 to Rosalind Avenue	50	2,150	Stop	34.3	1.8	I	42.7	A	42.7	A		
<b>TOTAL</b>		<b>21,470</b>		<b>451.3</b>	<b>138.8</b>						<b>32.4</b>	<b>0.23 gal/veh</b>

**TABLE S1.2a**  
**Year 2008 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		
<b>AM PEAK HOUR - Part A</b>												
US 17-92 to Holly Ave	40	726	Stop	17.1	5.7	I	28.9	C				
Holly Ave to Poplar Ave	40	848	Stop	12.7	0.0	I	45.5	A				
Poplar Ave to Mangoustine Ave	45/40	1,507	Stop	21.3	0.0	I	48.3	A				
Mangoustine Ave to Persimmon Ave	45	2,023	Stop	32.1	4.6	I	42.9	A				
Persimmon Ave to Airport Blvd	45	2,865	Signal	38.1	0.0	I	51.2	A	44.7	A		
Airport Blvd to Randyard Rd.	45/55	1,435	Stop	18.4	0.3	I	53.1	A				
Randyard Rd. to Kennel St.	55	2,592	Stop	33.1	0.0	I	53.3	A				
Kennel St. to Cedar St.	55	2,196	Stop	35.0	5.1	I	42.8	A				
Cedar St. to Upsala Rd.	55	1,709	Signal	61.6	36.1	I	18.9	E	49.7	A		
Upsala Rd. to Rinehart Rd.	55/45	2,714	Signal	47.6	7.0	I	38.9	B	38.9	B		
Rinehart Rd. to Town Center Blvd.	45	952	Signal	32.6	17.6	I	19.9	E				
Town Center Blvd. to I-4 East Ramp	45	934	Signal	55.4	41.4	I	11.5	F				
I-4 East Ramp to I-4 West Ramp	45	576	Signal	30.3	21.3	I	13.0	F	14.2	F		
I-4 West Ramp to Wayside Ave	45	847	Signal	18.9	5.3	I	30.6	C				
Wayside Ave to International Parkway	45	2,042	Signal	40.1	9.0	I	34.7	B				
International Parkway to Lake Forest	45/55	1,328	Signal	23.6	3.3	I	38.4	B	34.8	B		
Lake Forest to Orange Boulevard	55	3,555	Signal	48.7	0.0	I	49.8	A	49.8	A		
Orange Blvd. to wayside Dr.	55	1,732	Signal	26.9	1.9	I	44.0	A				
Wayside Dr. to Longwood - Markham Rd.	55	12,140	Signal	169.6	2.6	I	48.8	A				
Longwood - Markham Rd. to Lake County Line	55	3,840	Stop	47.0	0.0	I	55.7	A	49.6	A		
<b>TOTAL</b>		<b>46,561</b>		<b>810.1</b>	<b>161.1</b>						<b>39.2</b>	<b>0.49 gal/veh</b>
<b>PM PEAK HOUR - Part A</b>												
US 17-92 to Holly Ave	40	715	Stop	17.2	5.8	I	28.4	C				
Holly Ave to Poplar Ave	40	866	Stop	13.8	0.2	I	42.7	A				
Poplar Ave to Mangoustine Ave	45/40	1,504	Stop	22.0	0.0	I	46.6	A				
Mangoustine Ave to Persimmon Ave	45	2,009	Stop	27.5	0.0	I	49.8	A				
Persimmon Ave to Airport Blvd	45	2,869	Signal	53.0	9.3	I	36.9	B	40.7	B		
Airport Blvd to Randyard Rd.	45/55	1,448	Stop	30.3	8.2	I	32.5	C				
Randyard Rd. to Kennel St.	55	2,581	Stop	36.0	0.5	I	48.9	A				
Kennel St. to Cedar St.	55	2,207	Stop	65.7	31.8	I	22.9	D				
Cedar St. to Upsala Rd.	55	1,702	Signal	61.3	35.2	I	18.9	E	33.6	C		
Upsala Rd. to Rinehart Rd.	55/45	2,687	Signal	60.0	18.8	I	30.5	C	30.5	C		
Rinehart Rd. to Town Center Blvd.	45	980	Signal	75.0	59.8	I	8.9	F				
Town Center Blvd. to I-4 East Ramp	45	931	Signal	32.2	17.8	I	19.7	E				
I-4 East Ramp to I-4 West Ramp	45	575	Signal	13.2	4.3	I	29.8	C	14.1	F		
I-4 West Ramp to Wayside Ave	45	850	Signal	21.0	7.8	I	27.6	C				
Wayside Ave to International Parkway	45	2,038	Signal	42.2	11.8	I	33.0	C				
International Parkway to Lake Forest	45/55	1,336	Signal	22.0	3.0	I	41.4	B	33.8	C		
Lake Forest to Orange Boulevard	55	3,542	Signal	58.8	6.7	I	41.0	B	41.0	B		
Orange Blvd. to wayside Dr.	55	1,704	Signal	37.3	12.0	I	31.1	C				
Wayside Dr. to Longwood - Markham Rd.	55	12,158	Signal	169.8	1.2	I	48.8	A				
Longwood - Markham Rd. to Lake County Line	55	3,846	Stop	48.8	0.0	I	53.7	A	47.2	A		
<b>TOTAL</b>		<b>46,548</b>		<b>907.2</b>	<b>234.3</b>						<b>35.0</b>	<b>0.52 gal/veh</b>

**TABLE S1.2b**  
**Year 2008 Seminole County Travel Time & Delay Study**  
**SR 46 (Part B) - 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		
<b>AM PEAK HOUR - Part B</b>												
Rosalind Avenue to SR 415	50	2,103	Signal	90.8	58.7	I	15.8	F	15.8	F		
SR 415 to Beardall Avenue	50	3,252	Stop	52.8	4.2	I	42.0	B	42.0	B		
Beardall Avenue to Brisson Avenue	50	5,319	Stop	77.3	1.2	I	46.9	A				
Brisson Avenue to Mellonville Ave	40/50	5,437	Stop	80.0	1.5	I	46.3	A	46.6	A		
Mellonville Ave to Sanford Avenue	35/40	2,704	Signal	80.8	39.8	I	22.8	D	22.8	D		
Sanford Ave to Park Avenue	35	967	Signal	20.5	5.5	I	32.2	C				
Park Avenue to US 17-92	35	1,621	Signal	45.7	20.7	I	24.2	D	26.7	D		
<b>TOTAL</b>		<b>21,403</b>		<b>448.0</b>	<b>131.5</b>						<b>32.6</b>	<b>0.22 gal/veh</b>
<b>PM PEAK HOUR - Part B</b>												
Rosalind Avenue to SR 415	50	2,104	Signal	125.8	93.8	I	11.4	F	11.4	F		
SR 415 to Beardall Avenue	50	3,253	Stop	54.8	5.5	I	40.4	B	40.4	B		
Beardall Avenue to Brisson Avenue	50	5,330	Stop	79.3	2.2	I	45.8	A				
Brisson Avenue to Mellonville Ave	40/50	5,408	Stop	77.0	0.8	I	47.9	A	46.8	A		
Mellonville Ave to Sanford Avenue	35/40	2,703	Signal	74.2	33.2	I	24.8	D	24.8	D		
Sanford Ave to Park Avenue	35	959	Signal	23.7	8.7	I	27.6	C				
Park Avenue to US 17-92	35	1,631	Signal	91.0	66.0	I	12.2	F	15.4	F		
<b>TOTAL</b>		<b>21,388</b>		<b>525.8</b>	<b>210.2</b>						<b>27.7</b>	<b>0.23 gal/veh</b>