

TABLE S5.1a
Year 2008 Seminole County Travel Time & Delay Study
US 17-92 (Part A) - Northbound 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												
Orange County Line to Spartan Dr	50	1,325	Signal	71.8	51.7	I	12.6	F				
Spartan Dr to O'Brien Rd.	50	2,464	Signal	66.7	29.0	I	25.2	D				
O'Brien Rd. to Lake of the Woods	50/45	1,658	Signal	50.3	25.5	I	22.5	D	19.7	E		
Lake of the Woods to Prairie Lake Drive	45	1,303	Signal	20.7	1.0	I	43.0	A				
Prairie Lake Drive to Fernwood Blvd	45	1,406	Signal	37.2	15.7	I	25.8	D				
Fernwood Blvd to SR 436	45	994	Signal	32.7	17.5	I	20.7	E	27.9	C		
SR 436 to Live Oaks Blvd	45	1,301	Signal	21.7	1.7	I	40.9	B				
Live Oaks Blvd to Triplett Lake Dr.	45	2,804	Signal	43.3	2.3	I	44.1	A	43.1	A		
Triplett Lake Dr. to Button Rd	45	3,149	Signal	57.0	10.3	I	37.7	B				
Button Rd to Seminola/Dogtrack Rd	45	1,394	Signal	60.7	39.3	I	15.7	F	26.3	D		
Seminola/Dogtrack Dr to SR 434	45	5,975	Signal	121.8	33.0	I	33.4	C	33.4	C		
SR 434 to Orange Ave	45/50	2,399	Stop	36.2	0.5	I	45.2	A				
Orange Ave to Shepard/Raven	50	3,922	Signal	54.2	0.0	I	49.4	A	47.7	A		
Shepard/Raven to Gen. Hutchison Pkwy	50	2,920	Signal	40.8	0.0	I	48.8	A				
Gen. Hutchison Pkwy to SR 419/CR 427	50	4,407	Signal	93.3	28.0	I	32.2	C	37.2	B		
SR 419/CR 427 to CR 427	50	1,186	Signal	22.2	4.0	I	36.5	B	36.5	B		
CR 427 to Weldon Blvd	50	1,086	Signal	16.7	0.5	I	44.4	A				
Weldon Blvd to County Home Rd	50	3,228	Signal	58.8	11.2	I	37.4	B	39.0	B		
TOTAL		42,921		906.0	271.2						32.3	0.43 gal/veh
PM PEAK HOUR - Part A												
Orange County Line to Spartan Dr	50	1331	Signal	61.5	41.4	I	14.8	F				
Spartan Dr to O'Brien Rd.	50	2441	Signal	52.6	15.4	I	31.6	C				
O'Brien Rd. to Lake of the Woods	50/45	1673	Signal	82.5	56.8	I	13.8	F	18.9	E		
Lake of the Woods to Prairie Lake Drive	45	1306	Signal	23.8	3.6	I	37.5	B				
Prairie Lake Drive to Fernwood Blvd	45	1378	Signal	35.0	14.0	I	26.8	D				
Fernwood Blvd to SR 436	45	1014	Signal	136.5	121.0	I	5.1	F	12.9	F		
SR 436 to Live Oaks Blvd	45	1293	Signal	23.1	3.1	I	38.1	B				
Live Oaks Blvd to Triplett Lake Dr.	45	2821	Signal	58.8	16.0	I	32.7	C	34.3	B		
Triplett Lake Dr. to Button Rd	45	3134	Signal	92.8	45.0	I	23.0	D				
Button Rd to Seminola/Dogtrack Rd	45	1406	Signal	40.8	19.4	I	23.5	D	23.2	D		
Seminola/Dogtrack Dr to SR 434	45	5962	Signal	133.4	44.4	I	30.5	C	30.5	C		
SR 434 to Orange Ave	45/50	2398	Stop	37.0	1.0	I	44.2	A				
Orange Ave to Shepard/Raven	50	3892	Signal	55.1	0.0	I	48.1	A	46.6	A		
Shepard/Raven to Gen. Hutchison Pkwy	50	2938	Signal	39.9	0.0	I	50.2	A				
Gen. Hutchison Pkwy to SR 419/CR 427	50	4417	Signal	113.4	47.5	I	26.6	D	32.7	C		
SR 419/CR 427 to CR 427	50	1177	Signal	32.8	14.6	I	24.5	D	24.5	D		
CR 427 to Weldon Blvd	50	1081	Signal	16.3	0.4	I	45.4	A				
Weldon Blvd to County Home Rd	50	3246	Signal	49.6	2.3	I	44.6	A	44.8	A		
TOTAL		42,908		1,084.6	445.8						27.0	0.47 gal/veh

TABLE S5.1b
Year 2008 Seminole County Travel Time & Delay Study
US 17-92 (Part B) - Northbound 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 B												
County Home Rd to Bargain Blvd	50	1,679	Signal	32.7	7.4	I	35.0	B				
Bargain Blvd to Bush Blvd	50	601	Signal	10.7	1.7	I	38.2	B				
Bush Blvd to Collins Dr	50	1,845	Signal	27.1	0.1	I	46.3	A				
Collins Dr to Lake Mary Blvd	50/45	2,324	Signal	89.4	53.9	I	17.7	E	27.5	C		
Lake Mary Blvd to Plaza Entrance	45	1,350	Signal	25.7	4.7	I	35.8	B				
Plaza Entrance to Americana Blvd	45	1,031	Signal	16.0	0.3	I	43.9	A	38.9	B		
Americana Blvd to Airport Blvd	45	2,678	Signal	55.7	14.7	I	32.8	C				
Airport Blvd to SR 417	45	3,026	Signal	55.9	9.7	I	36.9	B				
SR 417 to 27th Street	45	839	Signal	23.9	10.9	I	24.0	D				
27th Street to Park Dr	45	1,481	Signal	33.9	11.3	I	29.8	C				
Park Dr to 25th Street	45	1,726	Signal	58.7	32.6	I	20.0	E	28.0	C		
25th Street to 20th Street	45	2,674	Signal	49.4	8.6	I	36.9	B				
20th Street to 15th Street	45/35	1,707	Signal	37.0	11.0	I	31.5	C				
15th Street to 13th Street	35	768	Signal	15.6	3.6	I	33.6	C				
13th Street to 3rd Street	35/40	3,335	Signal	67.1	16.1	I	33.9	C				
3rd Street to SR 46/1st Street	40	646	Signal	62.3	52.3	I	7.1	F	26.9	D		
SR 46/1st Street to Oak Dr.	40/55	8,249	Stop	134.4	10.4	I	41.8	B	41.8	B		
Oak Dr. to CR 15/I-4 Eastbound Ramp	55/50	9,728	Signal	150.6	7.1	I	44.0	A				
CR 15/I-4 Eastbound Ramp to I-4 Westbound Ramp	50	1,351	Signal	22.9	2.4	I	40.3	B	43.6	A		
I-4 Westbound Ramp to Volusia County Line	50	475	Stop	7.4	0.0	I	43.6	A	43.6	A		
TOTAL		47,513		976.4	258.9						33.2	0.47 gal/veh
PM PEAK HOUR - Part B												
County Home Rd to Bargain Blvd	50	1,686	Signal	27.7	2.3	I	41.5	B				
Bargain Blvd to Bush Blvd	50	576	Signal	8.0	0.0	I	49.1	A				
Bush Blvd to Collins Dr	50	1,860	Signal	37.5	10.3	I	33.8	C				
Collins Dr to Lake Mary Blvd	50/45	2,326	Signal	83.8	48.5	I	18.9	E	28.0	C		
Lake Mary Blvd to Plaza Entrance	45	1,329	Signal	26.0	5.5	I	34.9	B				
Plaza Entrance to Americana Blvd	45	1,043	Signal	17.2	1.0	I	41.4	B	37.5	B		
Americana Blvd to Airport Blvd	45	2,696	Signal	44.5	3.8	I	41.3	B				
Airport Blvd to SR 417	45	2,995	Signal	55.7	11.0	I	36.7	B				
SR 417 to 27th Street	45	855	Signal	28.0	14.8	I	20.8	E				
27th Street to Park Dr	45	1,495	Signal	26.3	3.3	I	38.7	B				
Park Dr to 25th Street	45	1,712	Signal	94.3	68.2	I	12.4	F	23.5	D		
25th Street to 20th Street	45	2,661	Signal	56.2	15.7	I	32.3	C				
20th Street to 15th Street	45/35	1,698	Signal	36.0	10.0	I	32.2	C				
15th Street to 13th Street	35	785	Signal	23.7	11.5	I	22.6	D				
13th Street to 3rd Street	35/40	3,316	Signal	67.5	17.2	I	33.5	C				
3rd Street to SR 46/1st Street	40	650	Signal	31.0	21.0	I	14.3	F	29.0	C		
SR 46/1st Street to Oak Dr.	40/55	8,245	Stop	121.7	1.3	I	46.2	A	46.2	A		
Oak Dr. to CR 15/I-4 Eastbound Ramp	55/50	9,727	Signal	147.7	12.7	I	44.9	A				
CR 15/I-4 Eastbound Ramp to I-4 Westbound Ramp	50	1,356	Signal	22.7	2.0	I	40.8	B	44.4	A		
I-4 Westbound Ramp to Volusia County Line	50	465	Stop	7.2	0.0	I	44.2	A	44.2	A		
TOTAL		47,476		962.5	260.2						33.6	0.49 gal/veh

TABLE S5.2a
Year 2008 Seminole County Travel Time & Delay Study
US 17-92 (Part A) - Southbound Direction Summary

Roadway Segment	Speed	Distance (ft)	Traffic Control Device	Travel Time (sec)	Stop Delay (sec)	Roadway Class	Roadway Segment		Roadway Section		Roadway Summary	
	Limit (mph)						Average Speed		Average Speed		Avg. Speed (mph)	Avg. Fuel Consump.
							(mph)	LOS	(mph)	LOS		
AM PEAK HOUR - Part A												
County Home Rd to Weldon Blvd	50	3,188	Signal	67.2	19.7	I	32.4	C				
Weldon Blvd to CR 427	50	1,021	Signal	28.8	12.8	I	24.1	D	29.9	C		
CR 427 to SR 419/CR 427	50	1,302	Signal	31.7	12.0	I	28.0	C	28.0	C		
SR 419/CR 427 to Gen. Hutchison Pkwy	50	4,411	Signal	69.2	5.2	I	43.5	A				
Gen. Hutchison Pkwy to Shepard/Raven	50	2,937	Signal	49.8	7.2	I	40.2	B	42.1	A		
Shepard/Raven to Orange Ave	50	4,058	Stop	59.2	0.3	I	46.8	A				
Orange Ave to SR 434	50/45	2,240	Signal	85.2	51.2	I	17.9	E	29.8	C		
SR 434 to Seminola/Dogtrack Rd	45	5,856	Signal	103.2	15.3	I	38.7	B	38.7	B		
Seminole/Dogtrack Rd to Button Rd	45	1,534	Signal	28.0	4.3	I	37.4	B				
Button Rd to Triplett Lake Dr.	45	3,110	Signal	50.5	3.5	I	42.0	B	40.3	B		
Triplett Lake Dr to Live Oaks Blvd	45	2,870	Signal	53.2	9.2	I	36.8	B				
Live Oaks Blvd to SR 436	45	1,208	Signal	77.8	58.8	I	10.6	F	21.2	D		
SR 436 to Fernwood Blvd	45	1,063	Signal	24.3	8.0	I	29.8	C				
Fernwood Blvd to Prairie Lake Dr.	45	1,301	Signal	32.2	12.2	I	27.6	C				
Prairie Lake Dr. to Lake of the Woods	45	1,364	Signal	71.8	51.0	I	12.9	F	19.8	E		
Lake of The Woods to O'Brien Rd.	45/50	1,689	Signal	71.3	45.3	I	16.1	E				
O'Brien Rd. to Spartan Dr.	50	2,433	Signal	176.2	138.8	I	9.4	F				
Spartan Dr to Orange County Line	50	1,399	Signal	24.8	3.0	I	38.4	B	13.8	F		
TOTAL		42,984		1,104.3	457.8						26.5	0.47 gal/veh
PM PEAK HOUR - Part A												
County Home Rd to Weldon Blvd	50	3,134	Signal	65.8	18.3	I	32.5	C				
Weldon Blvd to CR 427	50	1,044	Signal	49.0	32.8	I	14.5	F	24.8	D		
CR 427 to SR 419/CR 427	50	1,304	Signal	22.5	2.2	I	39.5	B	39.5	B		
SR 419/CR 427 to Gen. Hutchison Pkwy	50	4,421	Signal	76.2	12.8	I	39.6	B				
Gen. Hutchison Pkwy to Shepard/Raven	50	2,917	Signal	49.0	6.2	I	40.6	B	40.0	B		
Shepard/Raven to Orange Ave	50	4,034	Stop	58.5	0.0	I	47.0	A				
Orange Ave to SR 434	50/45	2,253	Signal	62.8	28.2	I	24.4	D	35.3	B		
SR 434 to Seminola/Dogtrack Rd	45	5,855	Signal	88.5	1.7	I	45.1	A	45.1	A		
Seminole/Dogtrack Rd to Button Rd	45	1,533	Signal	28.2	4.7	I	37.1	B				
Button Rd to Triplett Lake Dr.	45	3,111	Signal	55.3	7.5	I	38.3	B	37.9	B		
Triplett Lake Dr to Live Oaks Blvd	45	2,875	Signal	60.0	16.0	I	32.7	C				
Live Oaks Blvd to SR 436	45	1,199	Signal	75.0	56.3	I	10.9	F	20.6	E		
SR 436 to Fernwood Blvd	45	1,062	Signal	18.0	1.7	I	40.2	B				
Fernwood Blvd to Prairie Lake Dr.	45	1,354	Signal	20.7	0.3	I	44.7	A				
Prairie Lake Dr. to Lake of the Woods	45	1,305	Signal	35.3	15.5	I	25.2	D	34.3	B		
Lake of The Woods to O'Brien Rd.	45/50	1,705	Signal	35.8	9.7	I	32.4	C				
O'Brien Rd. to Spartan Dr.	50	2,409	Signal	84.5	47.5	I	19.4	E				
Spartan Dr to Orange County Line	50	1,393	Signal	22.7	1.2	I	41.9	B	26.3	D		
TOTAL		42,908		907.8	262.5						32.2	0.45 gal/veh

TABLE S5.2b
Year 2008 Seminole County Travel Time & Delay Study
US 17-92 (Part - B)- Southbound 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 B												
Volusia Co Line to I-4 Westbound Ramp	50	2,130	Signal	30.8	0.2	I	47.1	A				
I-4 Westbound Ramp to I-4 Eastbound Ramp /CR15	50	1,393	Signal	59.3	37.8	I	16.0	E	26.6	D		
I-4 Eastbound Ramp /CR 15 to Oak Dr.	50/55	9,769	Stop	136.0	0.0	I	49.0	A				
Oak Dr. to SR 46/1st Street	55/40	8,124	Signal	148.0	24.8	I	37.4	B	43.0	A		
SR 46/1st St to 3rd Street	40	691	Signal	28.3	17.3	I	16.6	E				
3rd St to 13th Street	40/35	3,290	Signal	58.0	8.5	I	38.7	B				
13th Street to 15th Street	35	794	Signal	15.0	3.0	I	36.1	B				
15th St to 20th Street	35/45	1,708	Signal	41.5	15.3	I	28.1	C				
20th Street to 25th St/CR 46A	45	2,686	Signal	55.5	14.5	I	33.0	C	31.5	C		
25th St/CR 46A to Park Dr	45	1,665	Signal	30.2	4.7	I	37.6	B				
Park Dr to 27th Street	45	1,418	Signal	24.2	2.2	I	40.0	B				
27th Street to SR 417	45	940	Signal	16.2	1.5	I	39.6	B				
SR 417 to Airport Blvd	45	2,850	Signal	79.8	36.5	I	24.3	D	31.2	C		
Airport Blvd to Americana Blvd	45	2,790	Signal	85.8	43.3	I	22.2	D				
Americana Blvd to Walmart Plaza	45	1,049	Signal	17.5	1.5	I	40.9	B				
Walmart Plaza to Lake Mary Blvd	45	1,318	Signal	35.8	15.3	I	25.1	D	25.3	D		
Lake Mary Blvd to Collins Dr	50/45	2,314	Signal	34.8	0.5	I	45.3	A				
Collins Dr to Bush Blvd	50	1,872	Signal	27.2	0.0	I	47.0	A				
Bush Blvd to Bargain Blvd	50	598	Signal	8.7	0.0	I	47.0	A				
Bargain Blvd to County Home Rd	50	1,528	Signal	21.0	0.0	I	49.6	A	46.9	A		
TOTAL		48,927		953.7	227.0						35.0	0.47 gal/veh
PM PEAK HOUR - Part B												
Volusia Co Line to I-4 Westbound Ramp	50	2,219	Signal	33.2	3.5	I	45.6	A				
I-4 Westbound Ramp to I-4 Eastbound Ramp /CR15	50	1,393	Signal	61.5	39.8	I	15.4	F	26.0	D		
I-4 Eastbound Ramp /CR 15 to Oak Dr.	50/55	9,782	Stop	137.5	0.0	I	48.5	A				
Oak Dr. to SR 46/1st Street	55/40	8,113	Signal	175.8	52.7	I	31.5	C	38.9	B		
SR 46/1st St to 3rd Street	40	683	Signal	22.0	11.2	I	21.2	D				
3rd St to 13th Street	40/35	3,290	Signal	77.7	27.5	I	28.9	C				
13th Street to 15th Street	35	798	Signal	18.8	6.2	I	28.9	C				
15th St to 20th Street	35/45	1,711	Signal	43.8	17.7	I	26.6	D				
20th Street to 25th St/CR 46A	45	2,631	Signal	87.7	47.7	I	20.5	E	24.9	D		
25th St/CR 46A to Park Dr	45	1,718	Signal	39.7	13.0	I	29.5	C				
Park Dr to 27th Street	45	1,406	Signal	24.5	3.0	I	39.1	B				
27th Street to SR 417	45	953	Signal	15.2	0.5	I	42.8	A				
SR 417 to Airport Blvd	45	2,858	Signal	96.2	52.2	I	20.3	E	26.9	D		
Airport Blvd to Americana Blvd	45	2,774	Signal	59.3	16.7	I	31.9	C				
Americana Blvd to Walmart Plaza	45	1,053	Signal	23.5	7.2	I	30.6	C				
Walmart Plaza to Lake Mary Blvd	45	1,322	Signal	49.2	28.5	I	18.3	E	22.3	D		
Lake Mary Blvd to Collins Dr	50/45	2,320	Signal	37.0	1.2	I	42.8	A				
Collins Dr to Bush Blvd	50	1,890	Signal	28.3	0.7	I	45.5	A				
Bush Blvd to Bargain Blvd	50	588	Signal	8.5	0.0	I	47.2	A				
Bargain Blvd to County Home Rd	50	1,515	Signal	20.8	0.3	I	49.6	A	45.5	A		
TOTAL		49,017		1,060.2	329.3						31.5	0.51 gal/veh