

**TABLE S5.1a**  
**Year 2015 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		
<b>AM PEAK HOUR - Part A</b>												
Orange County Line to Spartan Dr.	45	1,426	Signal	40.2	13.2	I	24.2	D				
Spartan Dr. to O'Brien Rd.	45	2,482	Signal	39.6	0.0	I	42.7	A				
O'Brien Rd. to Lake of the Woods Blvd.	45	1,637	Signal	39.6	12.0	I	28.2	C	31.7	C		
Lake of the Woods Blvd. to Prairie Lake Dr.	45	1,373	Signal	31.8	3.0	I	29.4	C				
Prairie Lake Dr. to Fernwood Blvd.*	45	1,373	Stop	23.4	0.0	I	40.0	B				
Fernwood Blvd. to SR 436*	45	1,003	Signal	136.2	33.6	I	5.0	F	13.4	F		
SR 436 to Live Oaks Blvd.*	45	1,214	Stop	23.4	0.0	I	35.4	B				
Live Oaks Blvd. to Triplet Lake Dr.*	45	2,851	Signal	61.8	5.4	I	31.5	C	32.5	C		
Triplet Lake Dr. to Plumosa Ave.	45	1,742	Signal	28.8	0.0	I	41.2	B				
Plumosa Ave. to Button Rd.	45	1,373	Signal	58.8	27.0	I	15.9	F				
Button Rd. to Seminola Blvd./Dog Track Rd.	45	1,478	Signal	70.2	28.8	I	14.4	F	19.8	E		
Seminola Blvd./Dog Track Rd. to Laura St.	45	2,587	Signal	40.2	0.0	I	43.9	A				
Laura St. to SR 434	45	3,274	Signal	68.4	12.6	I	32.6	C	36.8	B		
SR 434 to Orange Ave.	45	2,323	Stop	36.6	0.0	I	43.3	A				
Orange Ave. to Shepard Rd./Raven Ave.	45	3,960	Signal	58.8	0.0	I	45.9	A	44.9	A		
Shepard Rd./Raven Ave. to Gen. Hutchinson Pkwy.	45/50	3,062	Signal	42.6	0.0	I	49.0	A				
Gen. Hutchinson Pkwy. to SR 419/CR 427	50	4,277	Signal	75.0	1.2	I	38.9	B	42.5	A		
SR 419/CR 427 to CR 427	50	1,214	Signal	40.8	16.2	I	20.3	E	20.3	E		
CR 427 to Weldon Blvd.	50	1,003	Signal	15.6	0.0	I	43.8	A				
Weldon Blvd. to County Home Rd.	50	3,326	Signal	48.0	0.0	I	47.2	A	46.4	A		
<b>TOTAL</b>		<b>42,979</b>		<b>979.8</b>	<b>153.0</b>						<b>29.9</b>	<b>0.278 gal/veh</b>
<b>PM PEAK HOUR - Part A</b>												
Orange County Line to Spartan Dr.	45	1,426	Signal	25.2	1.8	I	38.6	B				
Spartan Dr. to O'Brien Rd.	45	2,482	Signal	48.0	6.0	I	35.2	B				
O'Brien Rd. to Lake of the Woods Blvd.	45	1,637	Signal	50.4	12.0	I	22.1	D	30.6	C		
Lake of the Woods Blvd. to Prairie Lake Dr.	45	1,373	Signal	24.0	0.0	I	39.0	B				
Prairie Lake Dr. to Fernwood Blvd.*	45	1,373	Stop	45.6	19.2	I	20.5	E				
Fernwood Blvd. to SR 436*	45	1,003	Signal	115.8	78.6	I	5.9	F	13.8	F		
SR 436 to Live Oaks Blvd.*	45	1,214	Stop	23.4	0.0	I	35.4	B				
Live Oaks Blvd. to Triplet Lake Dr.*	45	2,851	Signal	61.2	9.6	I	31.8	C	32.8	C		
Triplet Lake Dr. to Plumosa Ave.	45	1,742	Signal	44.4	3.6	I	26.8	D				
Plumosa Ave. to Button Rd.	45	1,373	Signal	30.0	3.0	I	31.2	C				
Button Rd. to Seminola Blvd./Dog Track Rd.	45	1,478	Signal	33.6	3.6	I	30.0	C	29.0	C		
Seminola Blvd./Dog Track Rd. to Laura St.	45	2,587	Signal	39.6	0.0	I	44.5	A				
Laura St. to SR 434	45	3,274	Signal	86.4	12.6	I	25.8	D	31.7	C		
SR 434 to Orange Ave.	45	2,323	Stop	37.2	0.0	I	42.6	A				
Orange Ave. to Shepard Rd./Raven Ave.	45	3,960	Signal	60.6	0.0	I	44.6	A	43.8	A		
Shepard Rd./Raven Ave. to Gen. Hutchinson Pkwy.	45/50	3,062	Signal	46.8	1.2	I	44.6	A				
Gen. Hutchinson Pkwy. to SR 419/CR 427	50	4,277	Signal	102.0	27.0	I	28.6	C	33.6	C		
SR 419/CR 427 to CR 427	50	1,214	Signal	22.2	0.0	I	37.3	B	37.3	B		
CR 427 to Weldon Blvd.	50	1,003	Signal	22.2	6.6	I	30.8	C				
Weldon Blvd. to County Home Rd.	50	3,326	Signal	55.8	8.4	I	40.6	B	37.8	B		
<b>TOTAL</b>		<b>42,979</b>		<b>974.4</b>	<b>193.2</b>						<b>30.1</b>	<b>0.281 gal/veh</b>

\* Construction in progress on US 17/92 between Prairie Lake Dr and Triplet Lake Dr (Financial Project ID: 404418-1) which may have skewed the LOS for the segments.

**TABLE S5.2a**  
**Year 2015 Seminole County Travel Time & Delay Study**  
**US 17-92 (Part A) - 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		
<b>AM PEAK HOUR - Part A</b>												
County Home Rd. to Weldon Blvd.	50	3,326	Signal	69.0	3.6	I	32.9	C				
Weldon Blvd. to CR 427	50	1,003	Signal	31.2	3.0	I	21.9	D	29.5	C		
CR 427 to SR 419/CR 427	50	1,214	Signal	24.0	0.0	I	34.5	B	34.5	B		
SR 419/CR 427 to Gen. Hutchinson Pkwy.	50	4,277	Signal	63.6	0.0	I	45.8	A				
Gen. Hutchinson Pkwy. to Shepard Rd./Raven Ave.	50/45	3,062	Signal	57.0	8.4	I	36.6	B	41.5	B		
Shepard Rd./Raven Ave. to Orange Ave.	45	3,960	Stop	58.8	0.0	I	45.9	A				
Orange Ave. to SR 434	45	2,323	Signal	55.2	7.8	I	28.7	C	37.6	B		
SR 434 to Laura St.	45	3,274	Signal	51.0	0.0	I	43.8	A				
Laura St. to Seminola Blvd./Dog Track Rd.	45	2,587	Signal	45.0	1.2	I	39.2	B	41.6	B		
Seminola Blvd./Dog Track Rd. to Button Rd.	45	1,478	Signal	49.2	11.4	I	20.5	E				
Button Rd. to Plumosa Ave.	45	1,373	Signal	22.8	0.0	I	41.1	B				
Plumosa Ave. to Triplet Lake Dr.	45	1,742	Signal	27.0	0.0	I	44.0	A	31.6	C		
Triplet Lake Dr. to Live Oaks Blvd.*	45	2,851	Stop	106.8	16.8	I	18.2	E				
Live Oaks Blvd. to SR 436*	45	1,214	Signal	152.4	91.8	I	5.4	F	10.7	F		
SR 436 to Fernwood Blvd.*	45	1,003	Stop	21.0	0.0	I	32.6	C				
Fernwood Blvd. to Prairie Lake Dr.*	45	1,373	Signal	27.6	0.0	I	33.9	C				
Prairie Lake Dr. to Lake of the Woods Blvd.	45	1,373	Signal	47.4	0.6	I	19.7	E	26.6	D		
Lake of the Woods Blvd. to O'Brien Rd.	45	1,637	Signal	28.8	0.0	I	38.7	B				
O'Brien Rd. to Spartan Dr.	45	2,482	Signal	39.6	0.0	I	42.7	A				
Spartan Dr. to Orange County Line	45	1,426	Signal	21.6	0.0	I	45.0	A	42.0	B		
<b>TOTAL</b>		<b>42,979</b>		<b>999.0</b>	<b>144.6</b>						<b>29.3</b>	<b>0.282 gal/veh</b>
<b>PM PEAK HOUR - Part A</b>												
County Home Rd. to Weldon Blvd.	50	3,326	Signal	59.4	9.0	I	38.2	B				
Weldon Blvd. to CR 427	50	1,003	Signal	40.2	3.6	I	17.0	E	29.6	C		
CR 427 to SR 419/CR 427	50	1,214	Signal	32.4	0.0	I	25.6	D	25.6	D		
SR 419/CR 427 to Gen. Hutchinson Pkwy.	50	4,277	Signal	67.2	6.0	I	43.4	A				
Gen. Hutchinson Pkwy. to Shepard Rd./Raven Ave.	50/45	3,062	Signal	49.8	3.6	I	41.9	B	42.8	A		
Shepard Rd./Raven Ave. to Orange Ave.	45	3,960	Stop	58.8	0.0	I	45.9	A				
Orange Ave. to SR 434	45	2,323	Signal	126.6	56.4	I	12.5	F	23.1	D		
SR 434 to Laura St.	45	3,274	Signal	52.2	0.0	I	42.8	A				
Laura St. to Seminola Blvd./Dog Track Rd.	45	2,587	Signal	63.6	13.8	I	27.7	C	34.5	B		
Seminola Blvd./Dog Track Rd. to Button Rd.	45	1,478	Signal	44.4	0.0	I	22.7	D				
Button Rd. to Plumosa Ave.	45	1,373	Signal	23.4	0.0	I	40.0	B				
Plumosa Ave. to Triplet Lake Dr.	45	1,742	Signal	57.6	24.6	I	20.6	E	25.0	D		
Triplet Lake Dr. to Live Oaks Blvd.*	45	2,851	Stop	52.2	0.6	I	37.2	B				
Live Oaks Blvd. to SR 436*	45	1,214	Signal	79.2	31.8	I	10.5	F	21.1	D		
SR 436 to Fernwood Blvd.*	45	1,003	Stop	18.0	0.0	I	38.0	B				
Fernwood Blvd. to Prairie Lake Dr.*	45	1,373	Signal	22.8	0.0	I	41.1	B				
Prairie Lake Dr. to Lake of the Woods Blvd.	45	1,373	Signal	21.0	0.0	I	44.6	A	41.4	B		
Lake of the Woods Blvd. to O'Brien Rd.	45	1,637	Signal	24.6	0.0	I	45.4	A				
O'Brien Rd. to Spartan Dr.	45	2,482	Signal	37.8	0.0	I	44.8	A				
Spartan Dr. to Orange County Line	45	1,426	Signal	22.2	0.0	I	43.8	A	44.7	A		
<b>TOTAL</b>		<b>42,979</b>		<b>953.4</b>	<b>149.4</b>						<b>30.7</b>	<b>0.279 gal/veh</b>

\* Construction in progress on US 17/92 between Prairie Lake Dr and Triplet Lake Dr (Financial Project ID: 404418-1) which may have skewed the LOS for the segments.