

TABLE S5.1a
Year 2017 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.	45	1,426	Signal	21.6	0.0	I	45.0	A				
Spartan Dr. to O'Brien Rd.	45	2,482	Signal	54.6	10.2	I	31.0	C				
O'Brien Rd. to Lake of the Woods Blvd.	45	1,637	Signal	45.0	15.0	I	24.8	C	31.2	B		
Lake of the Woods Blvd. to Prairie Lake Dr.	45	1,373	Signal	24.6	0.0	I	38.0	B				
Prairie Lake Dr. to SR 436	45	2,376	N/A	37.2	0.0	I	43.5	A	41.4	A		
SR 436 to Triplet Lake Dr.	45	4,066	SS Stop	70.2	3.0	I	39.5	B	39.5	B		
Triplet Lake Dr. to Plumosa Ave.	45	1,742	Signal	59.4	24.0	I	20.0	D				
Plumosa Ave. to Button Rd.	45	1,373	Signal	33.0	4.2	I	28.4	C				
Button Rd. to Seminola Blvd./Dog Track Rd.	45	1,478	Signal	42.6	15.6	I	23.7	C	31.7	B		
Seminola Blvd./Dog Track Rd. to Laura St.	45	2,587	Signal	45.6	0.0	I	38.7	B				
Laura St. to SR 434	45	3,274	Signal	55.8	0.6	I	40.0	B	39.4	B		
SR 434 to Orange Ave.	45	1,056	SS Stop	18.0	0.0	I	40.0	B				
Orange Ave. to Shepard Rd./Raven Ave.	45	5,227	Signal	90.6	3.6	I	39.3	B	39.4	B		
Shepard Rd./Raven Ave. to Gen. Hutchinson Pkwy.*	45/50	3,062	Signal	67.2	7.8	I	31.1	B				
Gen. Hutchinson Pkwy. to SR 419/CR 427*	50	4,277	Signal	123.6	30.6	I	23.6	C	26.2	C		
SR 419/CR 427 to CR 427*	50	1,214	Signal	25.2	0.0	I	32.9	B	32.9	B		
CR 427 to Weldon Blvd.*	50	1,003	Signal	17.4	0.0	I	39.3	B				
Weldon Blvd. to County Home Rd.*	50	3,326	Signal	57.0	2.4	I	39.8	B	39.7	B		
TOTAL		42,979		888.6	117.0						33.0	0.281 gal/veh
PM PEAK HOUR - Part A												
Orange County Line to Spartan Dr.	45	1,426	Signal	24.0	0.0	I	40.5	A				
Spartan Dr. to O'Brien Rd.	45	2,482	Signal	89.4	34.8	I	18.9	D				
O'Brien Rd. to Lake of the Woods Blvd.	45	1,637	Signal	33.6	0.6	I	33.2	B	25.7	C		
Lake of the Woods Blvd. to Prairie Lake Dr.	45	1,373	Signal	24.6	0.0	I	38.0	B				
Prairie Lake Dr. to SR 436	45	2,376	N/A	37.8	0.0	I	42.9	A	41.0	A		
SR 436 to Triplet Lake Dr.	45	4,066	SS Stop	84.6	14.4	I	32.8	B	32.8	B		
Triplet Lake Dr. to Plumosa Ave.	45	1,742	Signal	39.0	0.0	I	30.5	C				
Plumosa Ave. to Button Rd.	45	1,373	Signal	48.0	16.2	I	19.5	D				
Button Rd. to Seminola Blvd./Dog Track Rd.	45	1,478	Signal	81.0	23.4	I	12.4	F	26.9	C		
Seminola Blvd./Dog Track Rd. to Laura St.	45	2,587	Signal	48.0	2.4	I	36.7	B				
Laura St. to SR 434	45	3,274	Signal	102.0	15.6	I	21.9	D	26.6	C		
SR 434 to Orange Ave.	45	1,056	SS Stop	18.6	0.0	I	38.7	B				
Orange Ave. to Shepard Rd./Raven Ave.	45	5,227	Signal	110.4	22.8	I	32.3	B	33.2	B		
Shepard Rd./Raven Ave. to Gen. Hutchinson Pkwy.*	45/50	3,062	Signal	64.2	7.2	I	32.5	B				
Gen. Hutchinson Pkwy. to SR 419/CR 427*	50	4,277	Signal	172.8	62.4	I	16.9	E	21.1	D		
SR 419/CR 427 to CR 427*	50	1,214	Signal	48.0	18.6	I	17.2	E	17.2	E		
CR 427 to Weldon Blvd.*	50	1,003	Signal	17.4	0.0	I	39.3	B				
Weldon Blvd. to County Home Rd.*	50	3,326	Signal	60.0	1.2	I	37.8	B	38.1	B		
TOTAL		42,979		1,103.4	219.6						26.6	0.284 gal/veh

* Construction in progress on US 17/92 from Shepard Rd to Lake Mary Blvd (Financial Project ID: 240196-1) which may have skewed the LOS for the segments.

TABLE S5.2a
Year 2017 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		
AM PEAK HOUR - Part A												
County Home Rd. to Weldon Blvd.*	50	3,326	Signal	91.8	24.6	I	24.7	C				
Weldon Blvd. to CR 427*	50	1,003	Signal	40.2	10.8	I	17.0	E	22.4	D		
CR 427 to SR 419/CR 427*	50	1,214	Signal	36.6	9.0	I	22.6	D	22.6	D		
SR 419/CR 427 to Gen. Hutchinson Pkwy.*	50	4,277	Signal	85.2	8.4	I	34.2	B				
Gen. Hutchinson Pkwy. to Shepard Rd./Raven Ave.*	50/45	3,062	Signal	63.6	0.0	I	32.8	B	33.6	B		
Shepard Rd./Raven Ave. to Orange Ave.	45	5,227	SS Stop	101.4	12.0	I	35.1	B				
Orange Ave. to SR 434	45	1,056	Signal	46.8	19.2	I	15.4	E	28.9	C		
SR 434 to Laura St.	45	3,274	Signal	56.4	0.0	I	39.6	B				
Laura St. to Seminola Blvd./Dog Track Rd.	45	2,587	Signal	108.0	42.0	I	16.3	E	24.3	C		
Seminole Blvd./Dog Track Rd. to Button Rd.	45	1,478	Signal	31.8	1.8	I	31.7	B				
Button Rd. to Plumosa Ave.	45	1,373	Signal	25.8	0.0	I	36.3	B				
Plumosa Ave. to Triplet Lake Dr.	45	1,742	Signal	37.2	0.0	I	31.9	B	33.0	B		
Triplet Lake Dr. to SR 436	45	4,066	N/A	68.4	0.0	I	40.5	A	40.5	A		
SR 436 to Prairie Lake Dr.	45	2,376	Signal	38.4	0.0	I	42.2	A				
Prairie Lake Dr. to Lake of the Woods Blvd.	45	1,373	Signal	23.4	0.0	I	40.0	B	41.4	A		
Lake of the Woods Blvd. to O'Brien Rd.	45	1,637	Signal	33.6	5.4	I	33.2	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	N/A	21.0	0.0	I	46.3	A	40.1	A		
TOTAL		42,979		949.2	133.2						30.9	0.284 gal/veh
PM PEAK HOUR - Part A												
County Home Rd. to Weldon Blvd.*	50	3,326	Signal	82.8	12.6	I	27.4	C				
Weldon Blvd. to CR 427*	50	1,003	Signal	64.8	37.2	I	10.6	F	20.0	D		
CR 427 to SR 419/CR 427*	50	1,214	Signal	23.4	0.0	I	35.4	B	35.4	B		
SR 419/CR 427 to Gen. Hutchinson Pkwy.*	50	4,277	Signal	68.4	0.0	I	42.6	A				
Gen. Hutchinson Pkwy. to Shepard Rd./Raven Ave.*	50/45	3,062	Signal	57.0	6.6	I	36.6	B	39.9	B		
Shepard Rd./Raven Ave. to Orange Ave.	45	5,227	SS Stop	104.4	16.2	I	34.1	B				
Orange Ave. to SR 434	45	1,056	Signal	62.4	30.6	I	11.5	F	25.7	C		
SR 434 to Laura St.	45	3,274	Signal	61.2	2.4	I	36.5	B				
Laura St. to Seminola Blvd./Dog Track Rd.	45	2,587	Signal	43.8	0.0	I	40.3	A	38.1	B		
Seminole Blvd./Dog Track Rd. to Button Rd.	45	1,478	Signal	25.8	0.0	I	39.1	B				
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	43.8	12.6	I	27.1	C	33.7	B		
Triplet Lake Dr. to SR 436	45	4,066	N/A	65.4	0.0	I	42.4	A	42.4	A		
SR 436 to Prairie Lake Dr.	45	2,376	Signal	43.8	1.2	I	37.0	B				
Prairie Lake Dr. to Lake of the Woods Blvd.	45	1,373	Signal	22.8	0.0	I	41.1	A	38.4	B		
Lake of the Woods Blvd. to O'Brien Rd.	45	1,637	Signal	40.8	0.6	I	27.4	C				
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	N/A	21.0	0.0	I	46.3	A	37.3	B		
TOTAL		42,979		894.6	120.0						32.8	0.280 gal/veh

* Construction in progress on US 17/92 from Shepard Rd to Lake Mary Blvd (Financial Project ID: 240196-1) which may have skewed the LOS for the segments.