

TABLE S7.1a
Year 2017 Seminole County Travel Time & Delay Study
SR 426 - Eastbound Direction Summary

Roadway Segment	Speed Limit	Distance (ft)	Traffic Control	Travel Time	Stop Delay	Roadway Class	Roadway Segment		Roadway Section		Roadway Summary	
	(mph)		Device	(sec)	(sec)		Average Speed		Average Speed		Avg. Speed (mph)	Avg. Fuel Consump.
							(mph)	LOS	(mph)	LOS		
AM PEAK HOUR												
Old Howell Branch Rd. to Hall Rd./Howell Branch Rd.	45	1,267	Signal	49.2	24.0	I	17.6	E	17.6	E		
Hall Rd./Howell Branch Rd. to Trinity Prep. Sch.	45	2,112	Signal	46.8	10.2	I	30.8	C				
Trinity Prep. Sch. to Tuskawilla Rd.	45	2,746	Signal	49.8	5.4	I	37.6	B	34.3	B		
Tuskawilla Rd. to Deep Lake Rd.	45	1,373	Signal	31.2	6.0	I	30.0	C				
Deep Lake Rd. to SR 417 (W. Ramps)	45	845	Signal	23.4	6.0	I	24.6	C	27.7	C		
SR 417 (W. Ramps) to SR 417 (E. Ramps)	45	370	Signal	6.0	0.0	I	42.0	A	42.0	A		
SR 417 (E. Ramps) to Dean Rd.	45	2,851	Signal	57.6	7.2	I	33.7	B	33.7	B		
Dean Rd. to Loma Vista Cr.	45	1,795	Signal	39.0	3.0	I	31.4	B				
Loma Vista Cr. to Aloma Woods Blvd.	45	1,003	Signal	27.0	5.4	I	25.3	C				
Aloma Woods Blvd. to Security Ave.	45	2,006	SS Stop	30.6	0.0	I	44.7	A				
Security Ave. to Mikler Rd.	45	1,320	SS Stop	19.2	0.0	I	46.9	A				
Mikler Rd. to Chapman Rd.	45	3,168	Signal	78.6	13.2	I	27.5	C	32.6	B		
Chapman Rd. to Slavia Rd.	45	2,851	Signal	59.4	2.4	I	32.7	B				
Slavia Rd. to Red Bug Lake Rd./Mitchell Hammock Rd.	45	3,062	Signal	100.8	25.8	I	20.7	D	25.2	C		
Red Bug Lake Rd./Mitchell Hammock Rd. to Oviedo Mktpl. Blvd.	45	2,270	Signal	52.2	12.0	I	29.7	C				
Oviedo Mktpl. Blvd. to Winter Springs Blvd.	45	2,376	Signal	54.0	7.8	I	30.0	C	29.8	C		
Winter Springs Blvd. to Pine Ave.	45	1,478	Signal	28.2	0.0	I	35.7	B				
Pine Ave. to Aulin Ave.	30	581	SS Stop	10.2	0.0	II	38.8	A				
Aulin Ave. to Lake Jessup Ave.	30	2,112	Signal	58.2	12.6	II	24.7	B	29.4	A		
Lake Jessup Ave. to SR 434	30	1,320	Signal	62.4	27.6	II	14.4	D	14.4	D		
TOTAL		36,907		883.8	168.6						28.5	0.243 gal/veh
PM PEAK HOUR												
Old Howell Branch Rd. to Hall Rd./Howell Branch Rd.	45	1,267	Signal	103.2	64.2	I	8.4	F	8.4	F		
Hall Rd./Howell Branch Rd. to Trinity Prep. Sch.	45	2,112	Signal	36.0	0.0	I	40.0	B				
Trinity Prep. Sch. to Tuskawilla Rd.	45	2,746	Signal	51.6	1.8	I	36.3	B	37.8	B		
Tuskawilla Rd. to Deep Lake Rd.	45	1,373	Signal	42.6	14.4	I	22.0	D				
Deep Lake Rd. to SR 417 (W. Ramps)	45	845	Signal	22.2	4.8	I	25.9	C	23.3	C		
SR 417 (W. Ramps) to SR 417 (E. Ramps)	45	370	Signal	12.6	4.8	I	20.0	D	20.0	D		
SR 417 (E. Ramps) to Dean Rd.	45	2,851	Signal	58.8	5.4	I	33.1	B	33.1	B		
Dean Rd. to Loma Vista Cr.	45	1,795	Signal	44.4	3.6	I	27.6	C				
Loma Vista Cr. to Aloma Woods Blvd.	45	1,003	Signal	18.0	0.0	I	38.0	B				
Aloma Woods Blvd. to Security Ave.	45	2,006	SS Stop	30.0	0.0	I	45.6	A				
Security Ave. to Mikler Rd.	45	1,320	SS Stop	19.8	0.0	I	45.5	A				
Mikler Rd. to Chapman Rd.	45	3,168	Signal	107.4	15.0	I	20.1	D	28.9	C		
Chapman Rd. to Slavia Rd.	45	2,851	Signal	48.6	0.0	I	40.0	B				
Slavia Rd. to Red Bug Lake Rd./Mitchell Hammock Rd.	45	3,062	Signal	106.2	48.6	I	19.7	D	26.0	C		
Red Bug Lake Rd./Mitchell Hammock Rd. to Oviedo Mktpl. Blvd.	45	2,270	Signal	48.0	4.8	I	32.2	B				
Oviedo Mktpl. Blvd. to Winter Springs Blvd.	45	2,376	Signal	46.2	3.0	I	35.1	B	33.6	B		
Winter Springs Blvd. to Pine Ave.	45	1,478	Signal	27.6	0.0	I	36.5	B				
Pine Ave. to Aulin Ave.	30	581	SS Stop	10.2	0.0	II	38.8	A				
Aulin Ave. to Lake Jessup Ave.	30	2,112	Signal	45.6	0.0	II	31.6	A	34.1	A		
Lake Jessup Ave. to SR 434	30	1,320	Signal	121.8	60.0	II	7.4	F	7.4	F		
TOTAL		36,907		1,000.8	230.4						25.1	0.247 gal/veh

TABLE S7.1b
Year 2017 Seminole County Travel Time & Delay Study
SR 426 - 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		
AM PEAK HOUR												
SR 434 to Lake Jessup Ave.	30	1,320	Signal	54.0	15.6	II	16.7	D	16.7	D		
Lake Jessup Ave. to Aulin Ave.	30	2,112	SS Stop	42.0	0.0	II	34.3	A				
Aulin Ave. to Pine Ave.	30	581	Signal	17.4	5.4	II	22.8	B				
Pine Ave. to Winter Springs Blvd.	45	1,478	Signal	39.0	12.6	I	25.8	C	28.9	C		
Winter Springs Blvd. to Oviedo Mrktpl. Blvd.	45	2,376	Signal	37.8	0.0	I	42.9	A				
Oviedo Mrktpl. Blvd. to Red Bug Lake Rd./Mitchell Hammock Rd.	45	2,270	Signal	142.2	34.8	I	10.9	F	17.6	E		
Red Bug Lake Rd./Mitchell Hammock Rd. to Slavia Rd.	45	3,062	Signal	73.8	14.4	I	28.3	C				
Slavia Rd. to Chapman Rd.	45	2,851	Signal	59.4	0.0	I	32.7	B	30.3	C		
Chapman Rd. to Mikler Rd.	45	3,168	SS Stop	48.0	0.0	I	45.0	A				
Mikler Rd. to Security Ave.	45	1,320	SS Stop	20.4	0.0	I	44.1	A				
Security Ave. to Aloma Woods Blvd.	45	2,006	Signal	34.8	0.0	I	39.3	B				
Aloma Woods Blvd. to Loma Vista Cr.	45	1,003	Signal	20.4	0.0	I	33.5	B				
Loma Vista Cr. to Dean Rd.	45	1,795	Signal	59.4	22.2	I	20.6	D	34.6	B		
Dean Rd. to SR 417 (E. Ramps)	45	2,851	Signal	63.6	6.6	I	30.6	C	30.6	C		
SR 417 (E. Ramps) to SR 417 (W. Ramps)	45	370	Signal	6.6	0.0	I	38.2	B	38.2	B		
SR 417 (W. Ramps) to Deep Lake Rd.	45	845	Signal	22.2	6.6	I	25.9	C				
Deep Lake Rd. to Tuskawilla Rd.	45	1,373	Signal	41.4	9.6	I	22.6	D	23.8	C		
Tuskawilla Rd. to Trinity Prep. Sch.	45	2,746	Signal	49.8	0.0	I	37.6	B				
Trinity Prep. Sch. to Hall Rd./Howell Branch Rd.	45	2,112	Signal	102.6	50.4	I	14.0	F	21.7	D		
Hall Rd./Howell Branch Rd. to Old Howell Branch Rd.	45	1,267	Signal	21.0	0.0	I	41.1	A	41.1	A		
TOTAL		36,907		955.8	178.2						26.3	0.246 gal/veh
PM PEAK HOUR												
SR 434 to Lake Jessup Ave.	30	1,320	Signal	38.4	3.0	II	23.4	B	23.4	B		
Lake Jessup Ave. to Aulin Ave.	30	2,112	SS Stop	40.8	0.0	II	35.3	A				
Aulin Ave. to Pine Ave.	30	581	Signal	12.0	0.6	II	33.0	A				
Pine Ave. to Winter Springs Blvd.	45	1,478	Signal	33.0	2.4	I	30.5	C	33.1	B		
Winter Springs Blvd. to Oviedo Mrktpl. Blvd.	45	2,376	Signal	49.2	2.4	I	32.9	B				
Oviedo Mrktpl. Blvd. to Red Bug Lake Rd./Mitchell Hammock Rd.	45	2,270	Signal	132.6	76.8	I	11.7	F	17.4	E		
Red Bug Lake Rd./Mitchell Hammock Rd. to Slavia Rd.	45	3,062	Signal	80.4	21.6	I	26.0	C				
Slavia Rd. to Chapman Rd.	45	2,851	Signal	57.0	6.6	I	34.1	B	29.3	C		
Chapman Rd. to Mikler Rd.	45	3,168	SS Stop	49.2	0.0	I	43.9	A				
Mikler Rd. to Security Ave.	45	1,320	SS Stop	20.4	0.0	I	44.1	A				
Security Ave. to Aloma Woods Blvd.	45	2,006	Signal	40.2	2.4	I	34.0	B				
Aloma Woods Blvd. to Loma Vista Cr.	45	1,003	Signal	18.6	0.0	I	36.8	B				
Loma Vista Cr. to Dean Rd.	45	1,795	Signal	67.2	30.6	I	18.2	D	32.4	B		
Dean Rd. to SR 417 (E. Ramps)	45	2,851	Signal	151.8	68.4	I	12.8	F	12.8	F		
SR 417 (E. Ramps) to SR 417 (W. Ramps)	45	370	Signal	10.2	0.0	I	24.7	C	24.7	C		
SR 417 (W. Ramps) to Deep Lake Rd.	45	845	Signal	19.2	0.6	I	30.0	C				
Deep Lake Rd. to Tuskawilla Rd.	45	1,373	Signal	51.6	25.2	I	18.1	D	21.4	D		
Tuskawilla Rd. to Trinity Prep. Sch.	45	2,746	Signal	57.6	5.4	I	32.5	B				
Trinity Prep. Sch. to Hall Rd./Howell Branch Rd.	45	2,112	Signal	87.6	25.2	I	16.4	E	22.8	D		
Hall Rd./Howell Branch Rd. to Old Howell Branch Rd.	45	1,267	Signal	21.0	0.0	I	41.1	A	41.1	A		
TOTAL		36,907		1,038.0	271.2						24.2	0.248 gal/veh