

**TABLE S7.1a**  
**Year 2015 Seminole County Travel Time & Delay Study**  
**SR 426 - 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	Avg. Fuel
							(mph)	LOS	(mph)	LOS	(mph)	Consump.
<b>AM PEAK HOUR</b>												
Old Howell Branch Rd. to Hall Rd./Howell Branch Rd.	45	1,267	Signal	65.4	28.2	II	13.2	E	13.2	E		
Hall Rd./Howell Branch Rd. to Trinity Prep. Sch.	45	2,112	Signal	39.6	0.0	II	36.4	A				
Trinity Prep. Sch. to Tuskawilla Rd.	45	2,746	Signal	48.6	1.2	II	38.5	A	37.6	A		
Tuskawilla Rd. to Deep Lake Rd.	45	1,373	Signal	25.2	0.0	II	37.1	A				
Deep Lake Rd. to SR 417 (W. Ramps)	45	845	Signal	15.0	0.0	II	38.4	A	37.6	A		
SR 417 (W. Ramps) to SR 417 (E. Ramps)	45	370	Signal	6.0	0.0	II	42.0	A	42.0	A		
SR 417 (E. Ramps) to Dean Rd.	45	2,851	Signal	61.2	8.4	II	31.8	B	31.8	B		
Dean Rd. to Loma Vista Cr.	45	1,795	Signal	31.8	0.0	II	38.5	A				
Loma Vista Cr. to Aloma Woods Blvd.	45	1,003	Signal	16.8	0.0	II	40.7	A				
Aloma Woods Blvd. to Security Ave.	45	2,006	Stop	31.2	0.0	II	43.8	A				
Security Ave. to Mikler Rd.	45	1,320	Stop	21.0	0.0	II	42.9	A				
Mikler Rd. to Chapman Rd.	45	3,168	Signal	89.4	35.4	II	24.2	C	33.3	B		
Chapman Rd. to Slavia Rd.	45	2,851	Signal	52.8	3.0	II	36.8	A				
Slavia Rd. to Red Bug Lake Rd./Mitchell Hammock Rd.	45	3,062	Signal	60.0	4.2	II	34.8	B	35.7	A		
Red Bug Lake Rd./Mitchell Hammock Rd. to Oviedo Mktpl. Blvd.	45	2,270	Signal	40.8	0.0	II	37.9	A				
Oviedo Mktpl. Blvd. to Winter Springs Blvd.	45	2,376	Signal	75.0	12.0	II	21.6	D	27.4	C		
Winter Springs Blvd. to Pine Ave.	45	1,478	Signal	34.2	5.4	II	29.5	B				
Pine Ave. to Aulin Ave.	30	581	Stop	18.0	6.6	II	22.0	D				
Aulin Ave. to Lake Jessup Ave.	30	2,112	Signal	55.2	6.0	II	26.1	C	26.5	C		
Lake Jessup Ave. to SR 434	30	1,320	Signal	80.4	31.8	II	11.2	F	11.2	F		
<b>TOTAL</b>		<b>36,907</b>		<b>867.6</b>	<b>142.2</b>						<b>29.0</b>	<b>0.243 gal/veh</b>
<b>PM PEAK HOUR</b>												
Old Howell Branch Rd. to Hall Rd./Howell Branch Rd.	45	1,267	Signal	84.6	39.0	II	10.2	F	10.2	F		
Hall Rd./Howell Branch Rd. to Trinity Prep. Sch.	45	2,112	Signal	34.8	0.0	II	41.4	A				
Trinity Prep. Sch. to Tuskawilla Rd.	45	2,746	Signal	45.6	0.0	II	41.1	A	41.2	A		
Tuskawilla Rd. to Deep Lake Rd.	45	1,373	Signal	28.8	0.0	II	32.5	B				
Deep Lake Rd. to SR 417 (W. Ramps)	45	845	Signal	17.4	0.0	II	33.1	B	32.7	B		
SR 417 (W. Ramps) to SR 417 (E. Ramps)	45	370	Signal	6.6	0.0	II	38.2	A	38.2	A		
SR 417 (E. Ramps) to Dean Rd.	45	2,851	Signal	58.8	4.2	II	33.1	B	33.1	B		
Dean Rd. to Loma Vista Cr.	45	1,795	Signal	36.6	1.2	II	33.4	B				
Loma Vista Cr. to Aloma Woods Blvd.	45	1,003	Signal	28.2	4.2	II	24.3	C				
Aloma Woods Blvd. to Security Ave.	45	2,006	Stop	31.8	0.0	II	43.0	A				
Security Ave. to Mikler Rd.	45	1,320	Stop	21.0	0.0	II	42.9	A				
Mikler Rd. to Chapman Rd.	45	3,168	Signal	84.0	29.4	II	25.7	C	31.4	B		
Chapman Rd. to Slavia Rd.	45	2,851	Signal	61.2	9.6	II	31.8	B				
Slavia Rd. to Red Bug Lake Rd./Mitchell Hammock Rd.	45	3,062	Signal	116.4	58.8	II	17.9	D	22.7	C		
Red Bug Lake Rd./Mitchell Hammock Rd. to Oviedo Mktpl. Blvd.	45	2,270	Signal	64.8	13.2	II	23.9	C				
Oviedo Mktpl. Blvd. to Winter Springs Blvd.	45	2,376	Signal	46.2	0.0	II	35.1	A	28.5	B		
Winter Springs Blvd. to Pine Ave.	45	1,478	Signal	30.0	0.0	II	33.6	B				
Pine Ave. to Aulin Ave.	30	581	Stop	11.4	0.0	II	34.7	B				
Aulin Ave. to Lake Jessup Ave.	30	2,112	Signal	58.2	6.0	II	24.7	C	28.6	B		
Lake Jessup Ave. to SR 434	30	1,320	Signal	72.0	22.8	II	12.5	F	12.5	F		
<b>TOTAL</b>		<b>36,907</b>		<b>938.4</b>	<b>188.4</b>						<b>26.8</b>	<b>0.246 gal/veh</b>

**TABLE S7.1b**  
**Year 2015 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		
<b>AM PEAK HOUR</b>												
SR 434 to Lake Jessup Ave.	30	1,320	Signal	57.6	21.6	II	15.6	E	15.6	E		
Lake Jessup Ave. to Aulin Ave.	30	2,112	Stop	46.2	1.2	II	31.2	B				
Aulin Ave. to Pine Ave.	30	581	Signal	12.6	0.6	II	31.4	B				
Pine Ave. to Winter Springs Blvd.	45	1,478	Signal	53.4	23.4	II	18.9	D	25.3	C		
Winter Springs Blvd. to Oviedo Mrktpl. Blvd.	45	2,376	Signal	45.0	0.6	II	36.0	A				
Oviedo Mrktpl. Blvd. to Red Bug Lake Rd./Mitchell Hammock Rd.	45	2,270	Signal	102.0	53.4	II	15.2	E	21.6	D		
Red Bug Lake Rd./Mitchell Hammock Rd. to Slavia Rd.	45	3,062	Signal	52.2	0.0	II	40.0	A				
Slavia Rd. to Chapman Rd.	45	2,851	Signal	45.0	0.0	II	43.2	A	41.5	A		
Chapman Rd. to Mikler Rd.	45	3,168	Stop	49.8	0.0	II	43.4	A				
Mikler Rd. to Security Ave.	45	1,320	Stop	21.0	0.0	II	42.9	A				
Security Ave. to Aloma Woods Blvd.	45	2,006	Signal	31.8	0.0	II	43.0	A				
Aloma Woods Blvd. to Loma Vista Cr.	45	1,003	Signal	23.4	6.0	II	29.2	B				
Loma Vista Cr. to Dean Rd.	45	1,795	Signal	74.4	30.0	II	16.5	E	31.6	B		
Dean Rd. to SR 417 (E. Ramps)	45	2,851	Signal	57.6	4.2	II	33.7	B	33.7	B		
SR 417 (E. Ramps) to SR 417 (W. Ramps)	45	370	Signal	8.4	0.0	II	30.0	B	30.0	B		
SR 417 (W. Ramps) to Deep Lake Rd.	45	845	Signal	28.8	10.2	II	20.0	D				
Deep Lake Rd. to Tuskawilla Rd.	45	1,373	Signal	52.2	14.4	II	17.9	D	18.7	D		
Tuskawilla Rd. to Trinity Prep. Sch.	45	2,746	Signal	69.6	9.0	II	26.9	C				
Trinity Prep. Sch. to Hall Rd./Howell Branch Rd.	45	2,112	Signal	95.4	46.2	II	15.1	E	20.1	D		
Hall Rd./Howell Branch Rd. to Old Howell Branch Rd.	45	1,267	Signal	21.6	0.0	II	40.0	A	40.0	A		
<b>TOTAL</b>		36,907		948.0	220.8						26.5	0.244 gal/veh
<b>PM PEAK HOUR</b>												
SR 434 to Lake Jessup Ave.	30	1,320	Signal	36.0	1.8	II	25.0	C	25.0	C		
Lake Jessup Ave. to Aulin Ave.	30	2,112	Stop	41.4	0.0	II	34.8	B				
Aulin Ave. to Pine Ave.	30	581	Signal	10.2	0.0	II	38.8	A				
Pine Ave. to Winter Springs Blvd.	45	1,478	Signal	62.4	6.0	II	16.2	E	24.9	C		
Winter Springs Blvd. to Oviedo Mrktpl. Blvd.	45	2,376	Signal	43.8	0.0	II	37.0	A				
Oviedo Mrktpl. Blvd. to Red Bug Lake Rd./Mitchell Hammock Rd.	45	2,270	Signal	104.4	34.2	II	14.8	E	21.4	D		
Red Bug Lake Rd./Mitchell Hammock Rd. to Slavia Rd.	45	3,062	Signal	55.2	0.0	II	37.8	A				
Slavia Rd. to Chapman Rd.	45	2,851	Signal	45.0	0.0	II	43.2	A	40.2	A		
Chapman Rd. to Mikler Rd.	45	3,168	Stop	49.2	0.0	II	43.9	A				
Mikler Rd. to Security Ave.	45	1,320	Stop	21.0	0.0	II	42.9	A				
Security Ave. to Aloma Woods Blvd.	45	2,006	Signal	40.2	4.8	II	34.0	B				
Aloma Woods Blvd. to Loma Vista Cr.	45	1,003	Signal	18.0	0.0	II	38.0	A				
Loma Vista Cr. to Dean Rd.	45	1,795	Signal	47.4	16.2	II	25.8	C	36.0	A		
Dean Rd. to SR 417 (E. Ramps)	45	2,851	Signal	103.8	29.4	II	18.7	D	18.7	D		
SR 417 (E. Ramps) to SR 417 (W. Ramps)	45	370	Signal	9.0	0.6	II	28.0	C	28.0	C		
SR 417 (W. Ramps) to Deep Lake Rd.	45	845	Signal	16.8	0.0	II	34.3	B				
Deep Lake Rd. to Tuskawilla Rd.	45	1,373	Signal	69.6	26.4	II	13.4	E	17.5	D		
Tuskawilla Rd. to Trinity Prep. Sch.	45	2,746	Signal	54.6	7.2	II	34.3	B				
Trinity Prep. Sch. to Hall Rd./Howell Branch Rd.	45	2,112	Signal	75.0	18.6	II	19.2	D	25.6	C		
Hall Rd./Howell Branch Rd. to Old Howell Branch Rd.	45	1,267	Signal	20.4	0.0	II	42.4	A	42.4	A		
<b>TOTAL</b>		36,907		923.4	145.2						27.3	0.242 gal/veh