

TABLE S7.1a
Year 2008 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 (mph)	Avg. Fuel Consump.
							(mph)	LOS	(mph)	LOS		
AM PEAK HOUR												
Orange Co Line to Old Howell Branch	45	155	Signal	12.4	9.4	II	8.5	F	8.5	F		
Old Howell Branch to Hall / Howell Branch	45	1,214	Signal	53.0	34.4	II	15.6	E	15.6	E		
Hall / Howell Branch to Trinity Prep School	45	2,189	Signal	37.7	4.4	II	39.6	A				
Trinity Prep to Tuskawillia Rd	45	2,742	Signal	44.1	3.1	II	42.4	A	41.1	A		
Tuskawillia Rd to Deep Lake Rd	45	1,398	Signal	22.7	1.1	II	42.0	A				
Deep Lake Rd to Greenway west ramp	45	881	Signal	14.0	0.9	II	42.9	A	42.3	A		
Greenway west ramp to Greenway east ramp	45	321	Signal	10.7	6.1	II	20.4	D	20.4	D		
Greenway east ramp to Dean Rd	45	2,862	Signal	47.0	6.0	II	41.5	A	41.5	A		
Dean Rd to Loma Vista Circle	45	1,813	Signal	28.6	0.9	II	43.3	A				
Loma Vista Circle to Aloma Woods Blvd	45	1,002	Signal	23.6	8.6	II	29.0	B				
Aloma Wood Blvd to Security Rd	45	2,029	Stop	35.9	5.3	II	38.6	A				
Security Rd to Mikler Rd	45	1,363	Stop	19.0	0.0	II	48.9	A				
Mikler Rd to Chapman Rd	45	3,127	Signal	52.6	5.6	II	40.6	A	38.6	A		
Chapman Rd to Slavia Rd	45	2,845	Signal	52.1	9.0	II	37.2	A				
Slavia Rd to Red Bug/Mitchell Hammock Rd	45	3,043	Signal	111.4	65.3	II	18.6	D	21.6	D		
Red Bug/Mitchell Hammock Rd to Oviedo Mktpl	45	2,349	Signal	59.1	23.1	II	27.1	C				
Oviedo Mktpl to Winter Spr. Blvd	45	2,366	Signal	67.9	32.0	II	23.8	C	26.2	C		
Winter Springs Blvd to Pine Ave	45	1,452	Signal	31.4	9.0	II	31.5	B				
Pine Ave to Aulin Ave	30	750	Stop	13.7	2.0	II	37.3	A				
Aulin Ave to Lake Jessup Rd	30	1,958	Signal	41.3	11.3	II	32.3	B	27.4	C		
Lake Jessup Rd to SR 434	30	1,236	Signal	43.0	24.3	II	19.6	D	19.6	D		
TOTAL		37,095		821.3	261.9						30.8	0.38 gal/veh
PM PEAK HOUR												
Orange Co Line to Old Howell Branch	45	110	Signal	18.5	16.5	II	4.1	F	4.1	F		
Old Howell Branch to Hall / Howell Branch	45	1,223	Signal	57.0	38.2	II	14.6	E	14.6	E		
Hall / Howell Branch to Trinity Prep School	45	2,175	Signal	35.8	2.2	II	41.4	A				
Trinity Prep to Tuskawillia Rd	45	2,753	Signal	47.8	6.0	II	39.2	A	40.2	A		
Tuskawillia Rd to Deep Lake Rd	45	1,387	Signal	31.2	10.0	II	30.3	B				
Deep Lake Rd to Greenway west ramp	45	875	Signal	17.0	3.2	II	35.1	A	32.0	B		
Greenway west ramp to Greenway east ramp	45	317	Signal	7.0	2.2	II	30.9	B	30.9	B		
Greenway east ramp to Dean Rd	45	2,874	Signal	55.7	12.2	II	35.2	A	35.2	A		
Dean Rd to Loma Vista Circle	45	1,817	Signal	32.3	4.7	II	38.3	A				
Loma Vista Circle to Aloma Woods Blvd	45	1,005	Signal	25.0	9.5	II	27.4	C				
Aloma Wood Blvd to Security Rd	45	2,023	Stop	29.8	0.7	II	46.2	A				
Security Rd to Mikler Rd	45	1,379	Stop	19.2	0.0	II	49.1	A				
Mikler Rd to Chapman Rd	45	3,114	Signal	77.7	30.5	II	27.3	C	35.7	A		
Chapman Rd to Slavia Rd	45	2,836	Signal	46.2	3.3	II	41.9	A				
Slavia Rd to Red Bug/Mitchell Hammock Rd	45	3,042	Signal	120.8	74.7	II	17.2	D	19.9	D		
Red Bug/Mitchell Hammock Rd to Oviedo Mktpl	45	2,346	Signal	64.0	28.0	II	25.0	C				
Oviedo Mktpl to Winter Spr. Blvd	45	2,348	Signal	74.5	38.5	II	21.5	D	24.3	C		
Winter Springs Blvd to Pine Ave	45	1,472	Signal	32.8	10.5	II	30.6	B				
Pine Ave to Aulin Ave	30	729	Stop	13.7	2.5	II	36.4	A				
Aulin Ave to Lake Jessup Rd	30	1,959	Signal	107.0	77.0	II	12.5	F	8.0	F		
Lake Jessup Rd to SR 434	30	1,290	Signal	217.0	197.3	II	4.1	F	4.1	F		
TOTAL		37,074		1,130.0	567.5						22.4	0.53 gal/veh

TABLE S7.1b
Year 2008 Seminole County Travel Time & Delay Study
SR 426 - Westbound Direction Summary

Roadway Segment	Speed	Distance (ft)	Traffic	Travel	Stop	Roadway Class	Roadway Segment		Roadway Section		Roadway Summary	
	Limit (mph)		Control Device	Time (sec)	Delay (sec)		Average Speed		Average Speed		Avg. Speed (mph)	Avg. Fuel Consump.
							(mph)	LOS	(mph)	LOS		
AM PEAK HOUR												
SR 434 to Lake Jessup Rd	30	1,343	Signal	46.3	25.7	II	19.8	D	19.8	D		
Lake Jessup Rd to Aulin Ave	30	2,059	Stop	40.8	9.0	II	34.4	B				
Aulin Ave to Pine Ave	30	656	Signal	17.8	7.5	II	25.1	C				
Pine Ave to Winter Springs Blvd	45	1,445	Signal	57.5	35.3	II	17.1	D	24.4	C		
Winter Spr. Blvd to Oviedo Mrktpl	45	2,407	Signal	71.7	34.7	II	22.9	C				
Oviedo Mrktpl to Red Bug/Mitchell Hammock Rd	45	2,220	Signal	112.8	78.8	II	13.4	E	17.1	D		
Red Bug/Mitchell Hammock Rd to Slavia Rd	45	3,124	Signal	60.7	13.2	II	35.1	A				
Slavia Rd to Chapman Rd	45	2,810	Signal	61.8	18.8	II	31.0	B	33.0	B		
Chapman Rd to Mikler Rd	45	3,265	Stop	47.8	0.5	II	46.5	A				
Mikler Rd to Security Ave	45	1,356	Stop	18.5	0.0	II	50.0	A				
Security Ave to Aloma Wood Blvd	45	1,932	Signal	34.7	7.2	II	38.0	A				
Aloma Wood Blvd to Loma Vista Circle	45	1,011	Signal	20.2	5.0	II	34.2	B				
Loma Vista Circle to Dean Rd	45	1,766	Signal	53.2	26.5	II	22.6	C	36.5	A		
Dean Rd to Greenway east ramp	45	2,845	Signal	79.2	35.7	II	24.5	C	24.5	C		
Greenway east ramp to Greenway west ramp	45	381	Signal	14.8	9.0	II	17.5	D	17.5	D		
Greenway west ramp to Deep Lake Rd	45	855	Signal	17.3	4.2	II	33.6	B				
Deep Lake Rd to Tuskawillia Rd	45	1,375	Signal	59.8	38.5	II	15.7	E	19.7	D		
Tuskawillia Rd to Trinity Prep	45	2,810	Signal	45.5	2.7	II	42.1	A				
Trinity Prep School to Hall/Howell Branch Rd	45	2,077	Signal	87.2	55.2	II	16.2	E	25.1	C		
Hall/Howell Branch Rd to Old Howell Branch Rd	45	1,271	Signal	35.7	16.2	II	24.3	C	18.8	D		
Old Howell Branch Rd to Orange Co Line	45	111	Stop	2.5	0.7	II	30.3	B	30.3	B		
TOTAL		37,119		985.8	424.2						25.7	0.41gal/veh
PM PEAK HOUR												
SR 434 to Lake Jessup Rd	30	1,347	Signal	45.8	25.0	II	20.0	D	20.0	D		
Lake Jessup Rd to Aulin Ave	30	2,055	Stop	38.2	7.3	II	36.7	A				
Aulin Ave to Pine Ave	30	649	Signal	11.2	1.2	II	39.6	A				
Pine Ave to Winter Springs Blvd	45	1,449	Signal	35.3	12.8	II	28.0	C	33.4	B		
Winter Spr. Blvd to Oviedo Mrktpl	45	2,395	Signal	70.0	33.5	II	23.3	C				
Oviedo Mrktpl to Red Bug/Mitchell Hammock Rd	45	2,236	Signal	128.7	94.7	II	11.8	F	15.9	E		
Red Bug/Mitchell Hammock Rd to Slavia Rd	45	3,118	Signal	62.5	14.8	II	34.0	B				
Slavia Rd to Chapman Rd	45	2,808	Signal	49.2	6.2	II	38.9	A	36.2	A		
Chapman Rd to Mikler Rd	45	3,258	Stop	45.2	0.5	II	49.2	A				
Mikler Rd to Security Ave	45	1,361	Stop	17.5	0.0	II	53.0	A				
Security Ave to Aloma Wood Blvd	45	1,915	Signal	35.7	8.8	II	36.6	A				
Aloma Wood Blvd to Loma Vista Circle	45	1,035	Signal	16.3	1.2	II	43.2	A				
Loma Vista Circle to Dean Rd	45	1,754	Signal	44.3	18.2	II	27.0	C	40.0	A		
Dean Rd to Greenway east ramp	45	2,846	Signal	53.8	11.3	II	36.0	A	36.0	A		
Greenway east ramp to Greenway west ramp	45	375	Signal	6.2	0.5	II	41.5	A	41.5	A		
Greenway west ramp to Deep Lake Rd	45	853	Signal	13.7	1.0	II	42.6	A				
Deep Lake Rd to Tuskawillia Rd	45	1,377	Signal	31.2	10.0	II	30.1	B	33.9	B		
Tuskawillia Rd to Trinity Prep	45	2,824	Signal	40.8	0.0	II	47.2	A				
Trinity Prep School to Hall/Howell Branch Rd	45	2,066	Signal	33.8	2.3	II	41.6	A	44.7	A		
Hall/Howell Branch Rd to Old Howell Branch Rd	45	1,274	Signal	20.3	1.5	II	42.7	A	42.1	A		
Old Howell Branch Rd to Orange Co Line	45	100	Stop	1.5	0.0	II	45.5	A	45.5	A		
TOTAL		37,095		801.2	250.8						31.6	0.39 gal/veh