

**EIGHT-HOUR TURNING MOVEMENT COUNTS**  
**For**  
**SR 46 from**  
**(Orange Boulevard to Old Airport Road)**

**Study #2**  
**Work Order #44**

**SEMINOLE COUNTY**

**SECTION 77030**  
**(MP 3.475 to 7.421)**

Prepared for:

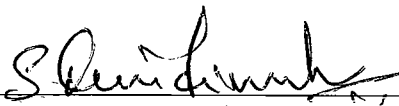
**THE FLORIDA DEPARTMENT OF TRANSPORTATION**

Districtwide Continuing Services for Traffic Operation  
Financial Project No. 237988-1-32-07  
Contract C-8L46

Prepared by:

**GMB ENGINEERS & PLANNERS, INC.**  
**Orlando, FL**

November 2008

  
\_\_\_\_\_  
Professional Engineer: Ravi Krishna Sabbiseti, P.E.  
P.E. #68219  
November 7, 2008

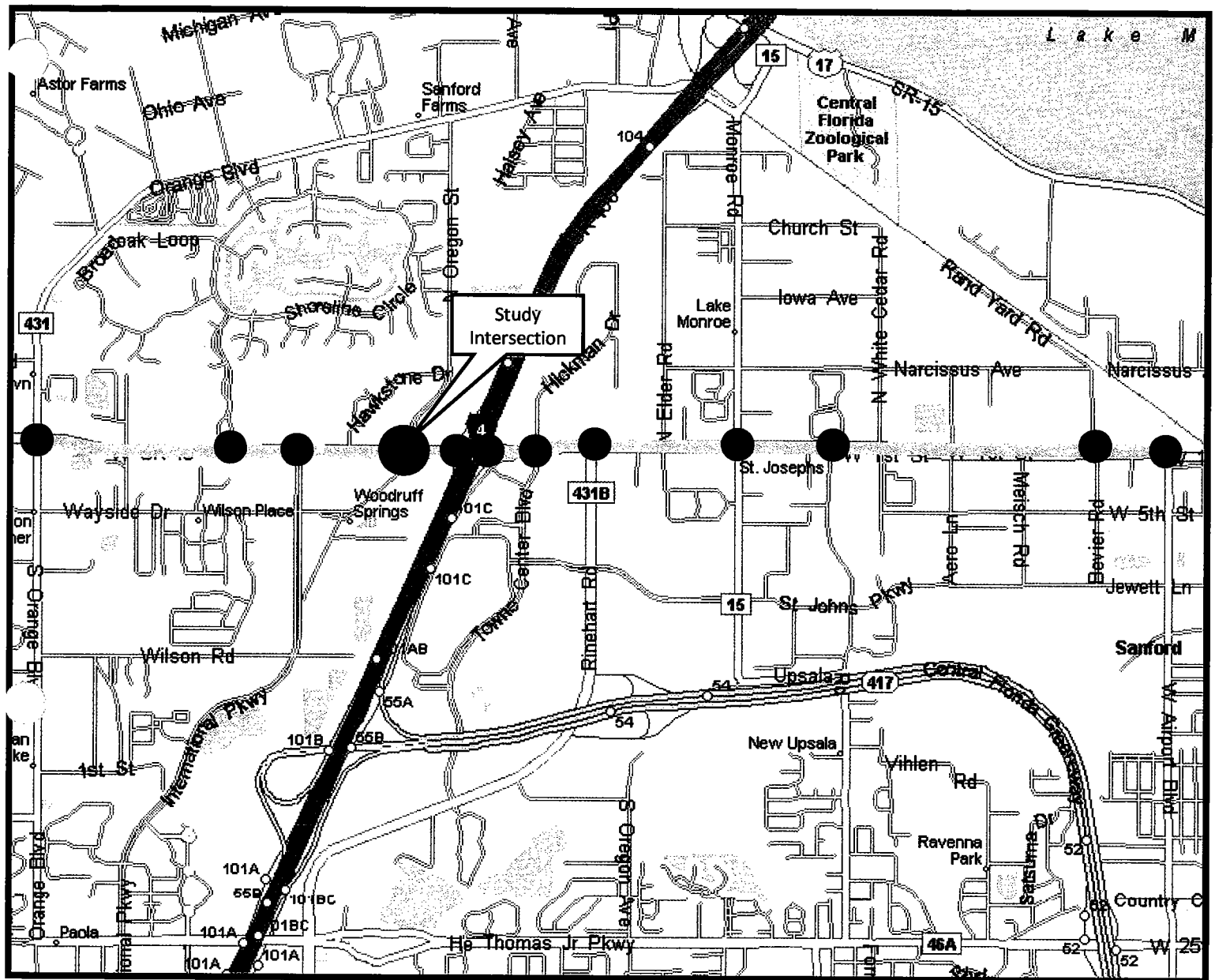


Figure 1

GMB Engineers & Planners, Inc.

Location Map  
SR 46 at Oregon Street/Wayside Drive, Sanford  
Seminole County

**SR 46 at Wayside Drive/ Oregon Street  
North Approach**

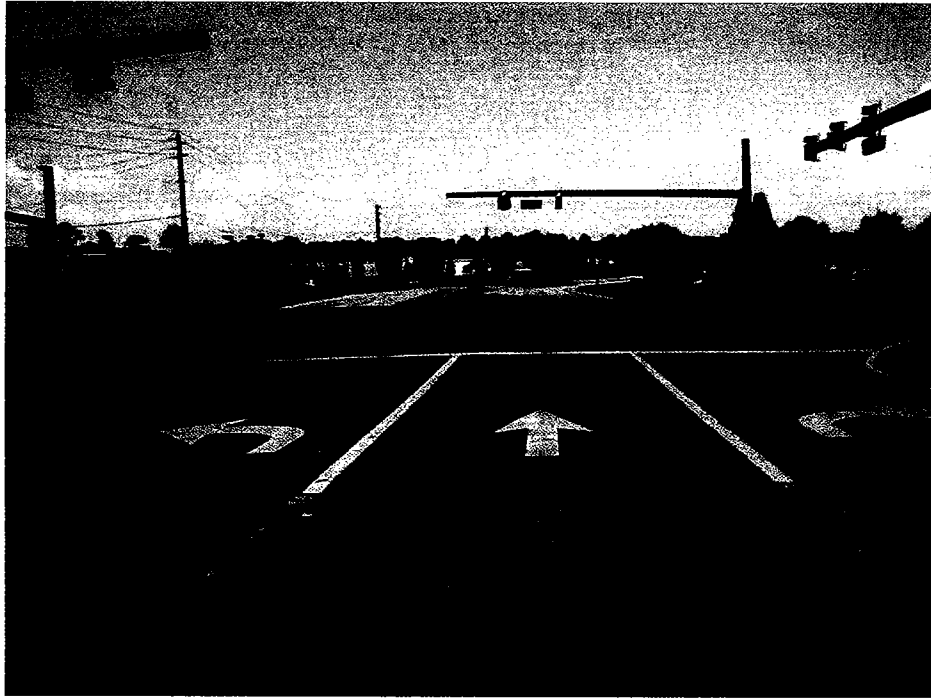


Looking south into intersection along Oregon Street



Looking north from the intersection into Oregon Street

SR 46 at Wayside Drive/ Oregon Street  
South Approach



Looking north into intersection along Wayside Drive



Looking south from the intersection into Wayside Drive

**SR 46 at Wayside Drive/ Oregon Street  
East Approach**



**Looking west into intersection along SR 46**

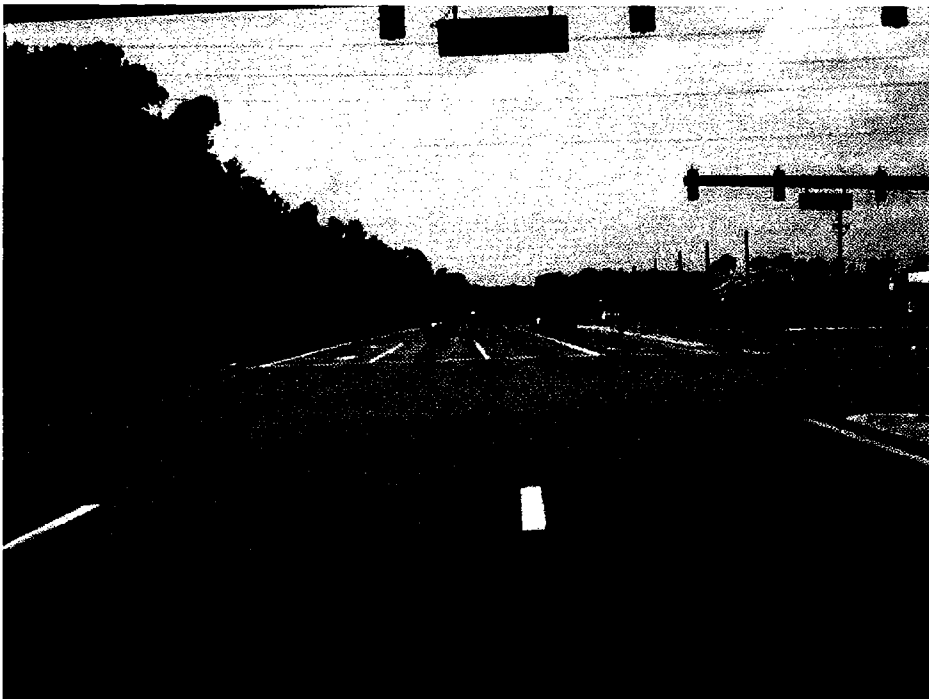


**Looking east from intersection along SR 46**

**SR 46 at Wayside Drive/ Oregon Street  
West Approach**



Looking east into intersection along SR 46



Looking west from intersection along SR 46

# 15 MINUTE TURNING MOVEMENT COUNTS (ALL VEHICLES)

DATE: September 30, 2008 (Tuesday)

CITY: SANFORD

LOCATION: SR 46 and OREGON ST

COUNTY: SEMINOLE

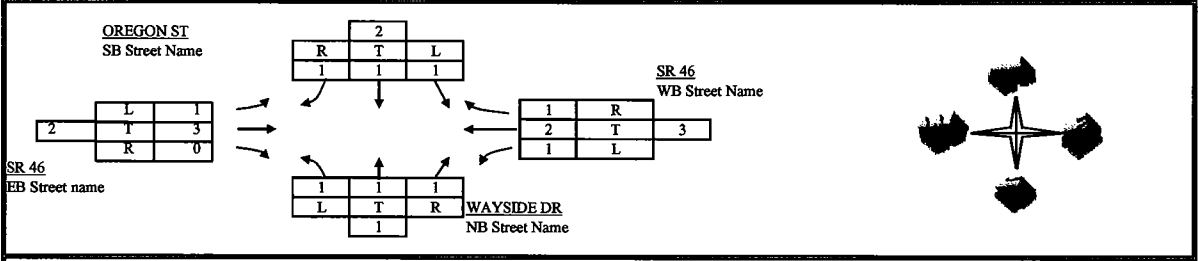
OREGON ST

SR 46

TIME BEGIN	NORTHBOUND					SOUTHBOUND					N/S TOT	EASTBOUND					WESTBOUND					E/W TOT	GRAND TOTAL
	R	T	L	U	TOT	R	T	L	U	TOT		R	T	L	U	TOT	R	T	L	U	TOT		
7:00	25	1	0	0	26	2	3	54	0	59	85	1	201	0	1	203	11	169	6	4	190	393	478
7:15	28	2	2	0	32	3	5	78	0	86	118	0	256	5	1	262	10	199	3	8	220	482	600
7:30	36	0	0	0	36	4	10	85	0	99	135	2	315	10	1	328	22	211	1	11	245	573	708
7:45	40	5	3	0	48	2	10	89	0	101	149	3	352	9	1	365	18	213	5	7	243	608	757
TOTAL	129	8	5	0	142	11	28	306	0	345	487	6	1,124	24	4	1,158	61	792	15	30	898	2,056	2,543
8:00	28	1	0	0	29	5	5	70	0	80	109	3	258	11	1	273	21	202	7	3	233	506	615
8:15	27	0	1	0	28	8	5	71	0	84	112	1	261	5	0	267	28	204	2	10	244	511	623
8:30	22	3	1	0	26	14	9	59	0	82	108	1	259	10	1	271	16	218	11	6	251	522	630
8:45	15	4	1	0	20	11	7	56	0	74	94	2	290	10	0	302	27	189	3	8	227	529	623
TOTAL	92	8	3	0	103	38	26	256	0	320	423	7	1,068	36	2	1,113	92	813	23	27	955	2,068	2,491
11:00	22	0	1	0	23	13	2	47	0	62	85	1	192	4	0	197	16	185	14	1	216	413	498
11:15	21	3	0	0	24	10	5	31	0	46	70	1	220	6	0	227	22	195	15	0	232	459	529
11:30	31	3	2	0	36	21	3	48	0	72	108	2	216	6	0	224	20	208	13	0	241	465	573
11:45	33	5	2	0	40	21	5	40	0	66	106	2	205	5	0	212	21	199	9	0	229	441	547
TOTAL	107	11	5	0	123	65	15	166	0	246	369	6	833	21	0	860	79	787	51	1	918	1,778	2,147
12:00	33	7	1	0	41	5	2	44	0	51	92	4	256	10	0	270	26	215	21	0	262	532	624
12:15	36	1	2	0	39	8	1	60	0	69	108	3	203	9	0	215	31	222	12	0	265	480	588
12:30	22	5	0	0	27	9	3	34	0	46	73	6	214	18	0	238	35	217	8	0	260	498	571
12:45	32	4	2	0	38	12	3	37	0	52	90	1	211	13	0	225	24	220	15	0	259	484	574
TOTAL	123	17	5	0	145	34	9	175	0	218	363	14	884	50	0	948	116	874	56	0	1,046	1,994	2,357
2:00	19	1	0	0	20	6	3	35	0	44	64	0	212	11	1	224	22	250	4	10	286	510	574
2:15	23	0	0	0	23	6	3	32	0	41	64	1	227	12	1	241	29	245	3	12	289	530	594
2:30	25	5	0	0	30	7	1	35	0	43	73	1	218	11	0	230	26	262	1	8	297	527	600
2:45	23	1	2	0	26	11	3	31	0	45	71	0	237	12	0	249	24	270	11	6	311	560	631
TOTAL	90	7	2	0	99	30	10	133	0	173	272	2	894	46	2	944	101	1,027	19	36	1,183	2,127	2,399
3:00	32	2	1	0	35	7	3	36	0	46	81	0	238	10	1	249	30	260	3	9	302	551	632
3:15	32	4	1	0	37	2	3	39	0	44	81	2	241	15	0	258	24	285	12	7	328	586	667
3:30	38	4	2	0	44	13	3	49	0	65	109	0	255	20	0	275	41	292	17	2	352	627	736
3:45	39	3	2	0	44	6	3	51	0	60	104	4	260	13	0	277	34	283	9	9	335	612	716
TOTAL	141	13	6	0	160	28	12	175	0	215	375	6	994	58	1	1,059	129	1,120	41	27	1,317	2,376	2,751
4:00	19	5	2	0	26	16	2	62	0	80	106	2	317	9	1	329	52	279	13	2	346	675	781
4:15	14	6	3	0	23	12	4	36	0	52	75	0	304	9	0	313	44	329	13	4	390	703	778
4:30	37	5	1	0	43	36	4	45	0	85	128	2	312	18	0	332	50	353	13	5	421	753	881
4:45	30	6	2	0	38	21	0	53	0	74	112	0	291	8	0	299	47	373	8	5	433	732	844
TOTAL	100	22	8	0	130	85	10	196	0	291	421	4	1,224	44	1	1,273	193	1,334	47	16	1,590	2,863	3,284
5:00	32	11	1	0	44	31	0	46	0	77	121	1	320	15	0	336	52	376	6	5	439	775	896
5:15	37	3	3	0	43	18	5	54	0	77	120	1	342	15	1	359	55	382	17	6	460	819	939
5:30	34	5	5	0	44	25	8	50	0	83	127	1	322	12	0	335	41	368	14	4	427	762	889
5:45	37	8	4	0	49	19	4	53	0	76	125	1	312	9	2	324	46	322	14	8	390	714	839
TOTAL	140	27	13	0	180	93	17	203	0	313	493	4	1,296	51	3	1,354	194	1,448	51	23	1,716	3,070	3,563

FLORIDA DEPARTMENT OF TRANSPORTATION  
SUMMARY OF VEHICLE MOVEMENTS

SECTION:	77030	CITY:	SANFORD	COUNTY:	SEMINOLE
STATE ROUTE:	SR 46	INTERSECTING ROUTE:	OREGON ST		
OBSERVER:	SRK	DATE:	09/30/08	MILEPOST:	4.783
WEATHER:	CLEAR	ROAD CONDITION:	DRY		
REMARKS:					
FORM COMPLETED BY/DATE:	SRK/October 1, 2008				



## VEHICLE MOVEMENTS

[illegible]

# 15 MINUTE TURNING MOVEMENT COUNTS (TRUCKS)

DATE: September 30, 2008 (Tuesday)

CITY: SANFORD

LOCATION: OREGON ST and SR 46

COUNTY: SEMINOLE

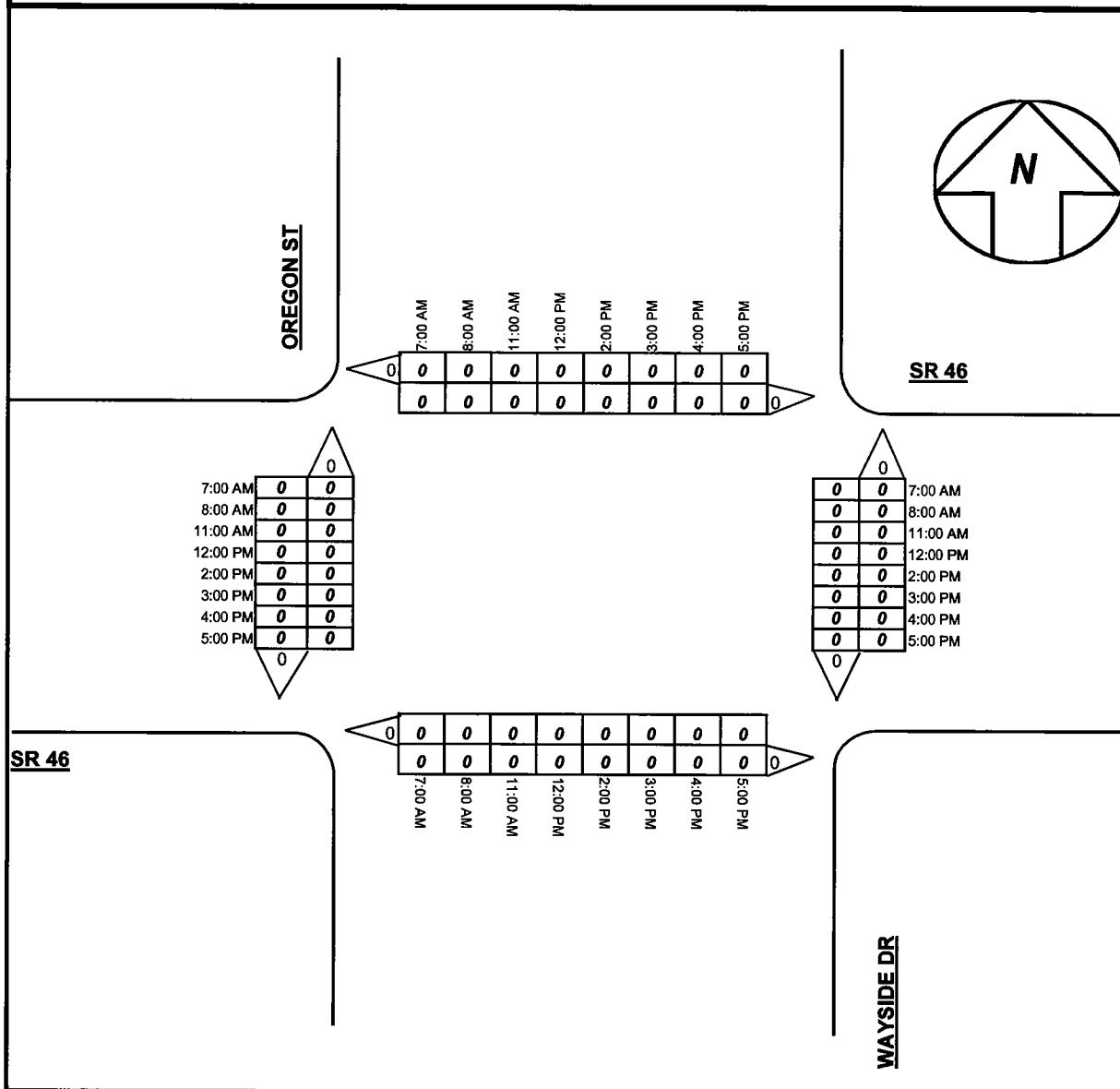
## OREGON ST

## SR 46

TIME	NORTHBOUND				SOUTHBOUND				N/S	EASTBOUND				WESTBOUND				E/W	GRAND
BEGIN	R	T	L	TOT	R	T	L	TOT	TOT	R	T	L	TOT	R	T	L	TOT	TOT	TOTAL
7:00	0	0	0	0	0	1	6	7	7	0	7	0	7	0	6	0	6	13	20
7:15	0	0	0	0	0	0	2	2	2	0	7	0	7	0	8	0	8	15	17
7:30	0	0	0	0	0	0	3	3	3	0	5	0	5	1	8	0	9	14	17
7:45	0	0	0	0	0	0	2	2	2	0	3	0	3	0	9	0	9	12	14
TOTAL	0	0	0	0	0	1	13	14	14	0	22	0	22	1	31	0	32	54	68
8:00	0	0	0	0	0	0	3	3	3	0	11	0	11	0	11	0	11	22	25
8:15	0	0	0	0	0	0	1	1	1	0	11	1	12	3	8	0	11	23	24
8:30	0	0	0	0	0	0	1	1	1	0	15	0	15	2	15	0	17	32	33
8:45	0	0	0	0	0	0	2	2	2	0	14	0	14	0	18	0	18	32	34
TOTAL	0	0	0	0	0	0	7	7	7	0	51	1	52	5	52	0	57	109	116
11:00	0	0	0	0	0	0	2	2	2	0	7	0	7	0	8	0	8	15	17
11:15	0	0	0	0	0	0	2	2	2	0	7	1	8	0	8	0	8	16	18
11:30	0	0	0	0	0	0	4	4	4	0	9	0	9	0	11	0	11	20	24
11:45	0	0	0	0	1	0	1	2	2	0	8	0	8	1	10	0	11	19	21
TOTAL	0	0	0	0	1	0	9	10	10	0	31	1	32	1	37	0	38	70	80
12:00	0	0	0	0	0	0	1	1	1	1	9	0	10	0	12	1	13	23	24
12:15	0	0	0	0	0	0	4	4	4	0	10	0	10	1	8	0	9	19	23
12:30	0	0	0	0	0	0	1	1	1	1	11	0	12	0	12	0	12	24	25
12:45	0	0	0	0	0	0	2	2	2	0	9	0	9	0	7	0	7	16	18
TOTAL	0	0	0	0	0	0	8	8	8	2	39	0	41	1	39	1	41	82	90
2:00	0	0	0	0	0	0	2	2	2	0	11	0	11	1	9	0	10	21	23
2:15	0	0	0	0	1	0	2	3	3	0	15	0	15	0	8	0	8	23	26
2:30	0	0	0	0	0	1	5	6	6	0	12	0	12	2	11	0	13	25	31
2:45	0	0	0	0	0	0	3	3	3	0	11	0	11	0	13	1	14	25	28
TOTAL	0	0	0	0	1	1	12	14	14	0	49	0	49	3	41	1	45	94	108
3:00	0	0	0	0	0	0	1	1	1	0	6	0	6	0	6	0	6	12	13
3:15	0	0	0	0	0	0	2	2	2	0	6	0	6	0	9	0	9	15	17
3:30	0	0	0	0	3	0	1	4	4	0	6	0	6	1	4	0	5	11	15
3:45	0	0	0	0	0	0	3	3	3	0	5	0	5	0	1	0	1	6	9
TOTAL	0	0	0	0	3	0	7	10	10	0	23	0	23	1	20	0	21	44	54
4:00	0	0	0	0	0	0	1	1	1	0	5	0	5	0	8	0	8	13	14
4:15	0	0	0	0	0	0	1	1	1	0	6	0	6	0	7	0	7	13	14
4:30	0	0	0	0	0	0	1	1	1	0	8	0	8	0	5	0	5	13	14
4:45	0	0	0	0	1	0	1	2	2	0	3	0	3	0	5	0	5	8	10
TOTAL	0	0	0	0	1	0	4	5	5	0	22	0	22	0	25	0	25	47	52
5:00	0	0	0	0	0	0	1	1	1	0	2	0	2	0	5	0	5	7	8
5:15	0	0	0	0	0	0	1	1	1	0	5	0	5	0	6	0	6	11	12
5:30	0	0	0	0	0	0	3	3	3	0	2	0	2	0	5	0	5	7	10
5:45	0	0	0	0	1	0	1	2	2	0	5	0	5	0	1	0	1	6	8
TOTAL	0	0	0	0	1	0	6	7	7	0	14	0	14	0	17	0	17	31	38

## Pedestrian Movement Summary

Section 77030 City SANFORD County SEMINOLE  
State Route SR 46 Intersecting Route OREGON ST  
Data By GMB Date 09/30/08 Form Completed By SRK  
Remarks NONE



# FLORIDA DEPARTMENT OF TRANSPORTATION

LOCATION I.D.: **SR 46 AT OREGON ST**

COUNTY: **SEMINOLE**

CITY: **ORLANDO**

DATE: **9/24/08**

PREPARED BY: **K.T.F.**

