

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:

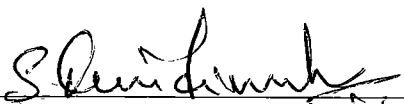
THE FLORIDA DEPARTMENT OF TRANSPORTATION

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

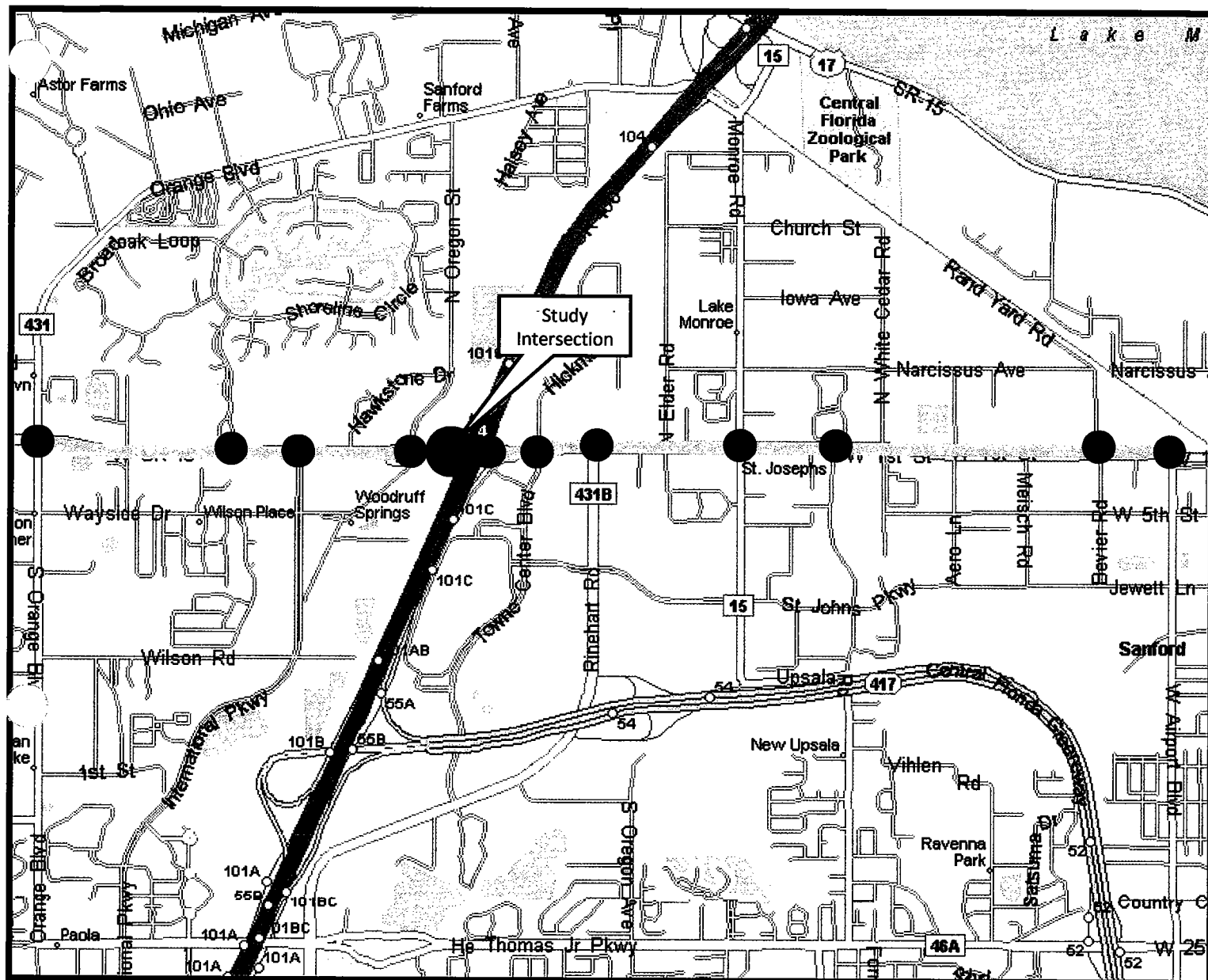


Figure 1

GMB Engineers & Planners, Inc.

Location Map
 SR 46 at I-4 WB Ramp, Sanford
 Seminole County

**SR 46 at I-4 Westbound Ramp
North Approach**



Looking south into intersection along the I-4 Westbound Ramp



Looking north from intersection along I-4 Westbound Ramp

**SR 46 at I-4 Eastbound Ramp
East Approach**



Looking west into intersection along SR 46



Looking east from intersection along SR 46

**SR 46 at I-4 Eastbound Ramp
West Approach**



Looking east into intersection along SR 46



Looking west from intersection along SR 46

15 MINUTE TURNING MOVEMENT COUNTS (ALL VEHICLES)

DATE: October 1, 2008 (Wednesday)

CITY: SANFORD

LOCATION: SR 46 and I-4 WB RAMPS

COUNTY: SEMINOLE

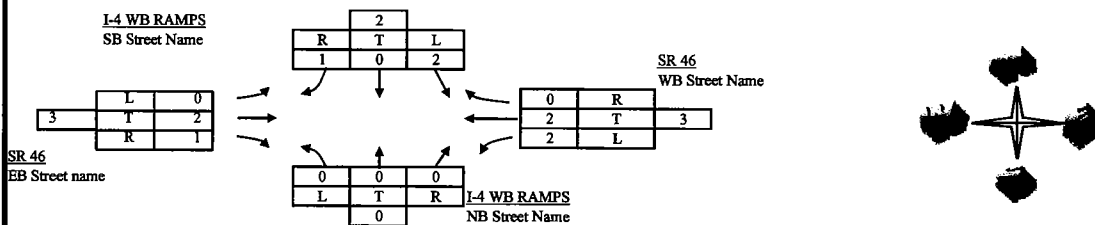
I-4 WB RAMPS

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	0	0	0	0	0	34	0	99	0	133	133	130	111	0	0	241	0	141	46	0	187	428	561
7:15	0	0	0	0	0	39	0	122	0	161	161	189	164	0	0	353	0	157	84	0	241	594	755
7:30	0	0	0	0	0	46	0	148	0	194	194	192	256	0	0	448	0	218	58	0	276	724	918
7:45	0	0	0	0	0	35	0	154	0	189	189	193	285	0	0	478	0	202	73	1	276	754	943
TOTAL	0	0	0	0	0	154	0	523	0	677	677	704	816	0	0	1,520	0	718	261	1	980	2,500	3,177
8:00	0	0	0	0	0	52	0	124	0	176	176	147	212	0	0	359	0	218	52	0	270	629	805
8:15	0	0	0	0	0	38	0	132	0	170	170	140	233	0	0	373	0	213	87	0	300	673	843
8:30	0	0	0	0	0	28	0	130	0	158	158	128	250	0	0	378	0	209	66	0	275	653	811
8:45	0	0	0	0	0	22	0	142	0	164	164	118	230	0	0	348	0	220	62	0	282	630	794
TOTAL	0	0	0	0	0	140	0	528	0	668	668	533	925	0	0	1,458	0	860	267	0	1,127	2,585	3,253
11:00	0	0	0	0	0	28	0	95	0	123	123	73	198	0	0	271	0	166	85	0	251	522	645
11:15	0	0	0	0	0	42	0	107	0	149	149	75	216	0	0	291	0	189	106	0	295	586	735
11:30	0	0	0	0	0	43	0	101	0	144	144	81	204	0	0	285	0	161	84	0	245	530	674
11:45	0	0	0	0	0	35	0	98	0	133	133	95	189	0	0	284	0	215	97	0	312	596	729
TOTAL	0	0	0	0	0	148	0	401	0	549	549	324	807	0	0	1,131	0	731	372	0	1,103	2,234	2,783
12:00	0	0	0	0	0	25	0	109	0	134	134	74	233	0	0	307	0	226	88	0	314	621	755
12:15	0	0	0	0	0	28	0	83	0	111	111	76	226	0	0	302	0	232	111	0	343	645	756
12:30	0	0	0	0	0	27	0	108	0	135	135	75	212	0	0	287	0	265	82	0	347	634	769
12:45	0	0	0	0	0	30	0	103	0	133	133	71	235	0	0	306	0	239	94	0	333	639	772
TOTAL	0	0	0	0	0	110	0	403	0	513	513	296	906	0	0	1,202	0	962	375	0	1,337	2,539	3,052
2:00	0	0	0	0	0	19	0	79	0	98	98	62	222	0	0	284	0	272	66	0	338	622	720
2:15	0	0	0	0	0	21	0	90	0	111	111	73	237	0	0	310	0	285	70	0	355	665	776
2:30	0	0	0	0	0	31	0	90	0	121	121	85	211	0	0	296	0	299	78	0	377	673	794
2:45	0	0	0	0	0	30	0	93	0	123	123	66	188	0	0	254	0	295	94	0	389	643	766
TOTAL	0	0	0	0	0	101	0	352	0	453	453	286	858	0	0	1,144	0	1,151	308	0	1,459	2,603	3,056
3:00	0	0	0	0	0	35	0	83	0	118	118	65	255	0	0	320	0	262	107	0	369	689	807
3:15	0	0	0	0	0	48	0	91	0	139	139	71	229	0	0	300	0	299	105	0	404	704	843
3:30	0	0	0	0	0	43	0	97	0	140	140	79	251	0	0	330	0	286	92	0	378	708	848
3:45	0	0	0	0	0	35	0	84	0	119	119	85	325	0	0	410	0	299	115	0	414	824	943
TOTAL	0	0	0	0	0	161	0	355	0	516	516	300	1,060	0	0	1,360	0	1,146	419	0	1,565	2,925	3,441
4:00	0	0	0	0	0	39	0	115	0	154	154	93	294	0	0	387	0	359	106	0	465	852	1,006
4:15	0	0	0	0	0	26	0	113	0	139	139	108	276	0	0	384	0	362	122	0	484	868	1,007
4:30	0	0	0	0	0	37	0	122	0	159	159	106	270	0	0	376	0	367	93	0	460	836	995
4:45	0	0	0	0	0	39	0	128	0	167	167	111	264	0	0	375	0	402	112	0	514	889	1,056
TOTAL	0	0	0	0	0	141	0	478	0	619	619	418	1,104	0	0	1,522	0	1,490	433	0	1,923	3,445	4,064
5:00	0	0	0	0	0	37	0	135	0	172	172	106	284	0	0	390	0	429	126	0	555	945	1,117
5:15	0	0	0	0	0	48	0	130	0	178	178	116	309	0	0	425	0	405	133	0	538	963	1,141
5:30	0	0	0	0	0	43	0	125	0	168	168	121	302	0	0	423	0	394	127	0	521	944	1,112
5:45	0	0	0	0	0	36	0	125	0	161	161	117	285	0	0	402	0	368	99	0	467	869	1,030
TOTAL	0	0	0	0	0	164	0	515	0	679	679	460	1,180	0	0	1,640	0	1,596	485	0	2,081	3,721	4,400

SUMMARY OF VEHICLE MOVEMENTS

SECTION:	77030	CITY:	SANFORD	COUNTY:	SEMINOLE
STATE ROUTE:	SR 46			INTERSECTING ROUTE:	I-4 WB RAMPS
OBSERVER:	SRK	DATE:	10/01/08	MILEPOST:	4.943
WEATHER:	CLEAR			ROAD CONDITION:	DRY
REMARKS:					
FORM COMPLETED BY/DATE:	SRK/October 2, 2008				



VEHICLE MOVEMENTS

[illegible]

15 MINUTE TURNING MOVEMENT COUNTS (TRUCKS)

DATE: October 1, 2008 (Wednesday)

CITY: SANFORD

LOCATION: I-4 WB RAMPS and SR 46

COUNTY: SEMINOLE

I-4 WB RAMPS

SR 46

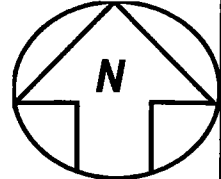
TIME BEGIN	NORTHBOUND				SOUTHBOUND				N/S TOT	EASTBOUND				WESTBOUND				E/W TOT	GRAND TOTAL
	R	T	L	TOT	R	T	L	TOT		R	T	L	TOT	R	T	L	TOT		
7:00	0	0	0	0	5	0	0	5	5	5	7	0	12	0	17	6	23	35	40
7:15	0	0	0	0	1	0	1	2	2	3	5	0	8	0	4	3	7	15	17
7:30	0	0	0	0	2	0	4	6	6	3	8	0	11	0	9	9	18	29	35
7:45	0	0	0	0	1	0	1	2	2	3	6	0	9	0	8	9	17	26	28
TOTAL	0	0	0	0	9	0	6	15	15	14	26	0	40	0	38	27	65	105	120
8:00	0	0	0	0	3	0	5	8	8	4	9	0	13	0	10	4	14	27	35
8:15	0	0	0	0	5	0	5	10	10	5	12	0	17	0	11	7	18	35	45
8:30	0	0	0	0	3	0	8	11	11	5	13	0	18	0	10	7	17	35	46
8:45	0	0	0	0	4	0	4	8	8	10	12	0	22	0	21	4	25	47	55
TOTAL	0	0	0	0	15	0	22	37	37	24	46	0	70	0	52	22	74	144	181
11:00	0	0	0	0	1	0	2	3	3	5	8	0	13	0	8	10	18	31	34
11:15	0	0	0	0	6	0	3	9	9	3	9	0	12	0	19	8	27	39	48
11:30	0	0	0	0	6	0	4	10	10	6	8	0	14	0	13	2	15	29	39
11:45	0	0	0	0	3	0	1	4	4	1	6	0	7	0	11	5	16	23	27
TOTAL	0	0	0	0	16	0	10	26	26	15	31	0	46	0	51	25	76	122	148
12:00	0	0	0	0	3	0	3	6	6	4	8	0	12	0	10	4	14	26	32
12:15	0	0	0	0	6	0	3	9	9	3	8	0	11	0	9	5	14	25	34
12:30	0	0	0	0	2	0	2	4	4	5	10	0	15	0	11	6	17	32	36
12:45	0	0	0	0	4	0	4	8	8	5	7	0	12	0	7	2	9	21	29
TOTAL	0	0	0	0	15	0	12	27	27	17	33	0	50	0	37	17	54	104	131
2:00	0	0	0	0	4	0	3	7	7	4	10	0	14	0	13	4	17	31	38
2:15	0	0	0	0	1	0	6	7	7	6	10	0	16	0	12	4	16	32	39
2:30	0	0	0	0	4	0	3	7	7	10	14	0	24	0	6	5	11	35	42
2:45	0	0	0	0	4	0	10	14	14	6	8	0	14	0	7	9	16	30	44
TOTAL	0	0	0	0	13	0	22	35	35	26	42	0	68	0	38	22	60	128	163
3:00	0	0	0	0	0	0	2	2	2	2	11	0	13	0	5	5	10	23	25
3:15	0	0	0	0	1	0	4	5	5	0	9	0	9	0	7	5	12	21	26
3:30	0	0	0	0	1	0	1	2	2	1	4	0	5	0	4	4	8	13	15
3:45	0	0	0	0	4	0	6	10	10	4	5	0	9	0	5	3	8	17	27
TOTAL	0	0	0	0	6	0	13	19	19	7	29	0	36	0	21	17	38	74	93
4:00	0	0	0	0	2	0	2	4	4	5	5	0	10	0	6	8	14	24	28
4:15	0	0	0	0	1	0	4	5	5	5	4	0	9	0	5	4	9	18	23
4:30	0	0	0	0	2	0	4	6	6	3	3	0	6	0	6	1	7	13	19
4:45	0	0	0	0	2	0	0	2	2	0	6	0	6	0	4	0	4	10	12
TOTAL	0	0	0	0	7	0	10	17	17	13	18	0	31	0	21	13	34	65	82
5:00	0	0	0	0	1	0	3	4	4	4	7	0	11	0	2	1	3	14	18
5:15	0	0	0	0	0	0	4	4	4	1	4	0	5	0	7	3	10	15	19
5:30	0	0	0	0	1	0	1	2	2	1	3	0	4	0	7	0	7	11	13
5:45	0	0	0	0	0	0	2	2	2	1	2	0	3	0	2	1	3	6	8
TOTAL	0	0	0	0	2	0	10	12	12	7	16	0	23	0	18	5	23	46	58

FLORIDA DEPARTMENT OF TRANSPORTATION

Pedestrian Movement Summary

Section 77030 City SANFORD County SEMINOLE
 State Route SR 46 Intersecting Route I-4 WB RAMPS
 Data By GMB Date 10/01/08 Form Completed By SRK
 Remarks NONE

I-4 WB RAMPS



SR 46

	7:00 AM	8:00 AM	11:00 AM	12:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	
0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0

	7:00 AM	8:00 AM	11:00 AM	12:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	
2	0	0	1	0	0	0	1	2	2
	0	0	0	0	0	0	0	0	0

	7:00 AM	8:00 AM	11:00 AM	12:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	
0	0	0	1	0	0	0	0	0	1
	0	0	0	0	0	0	0	0	0

SR 46

	7:00 AM	8:00 AM	11:00 AM	12:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	
0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0

I-4 WB RAMPS

FLORIDA DEPARTMENT OF TRANSPORTATION

LOCATION I.D.: SR 46 AT I-4 WB RAMP

COUNTY: SEMINOLE

CITY: SANFORD

DATE: 9/24/08

PREPARED BY: K.T.F.

