

**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:

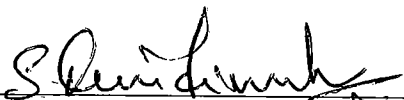
THE FLORIDA DEPARTMENT OF TRANSPORTATION

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

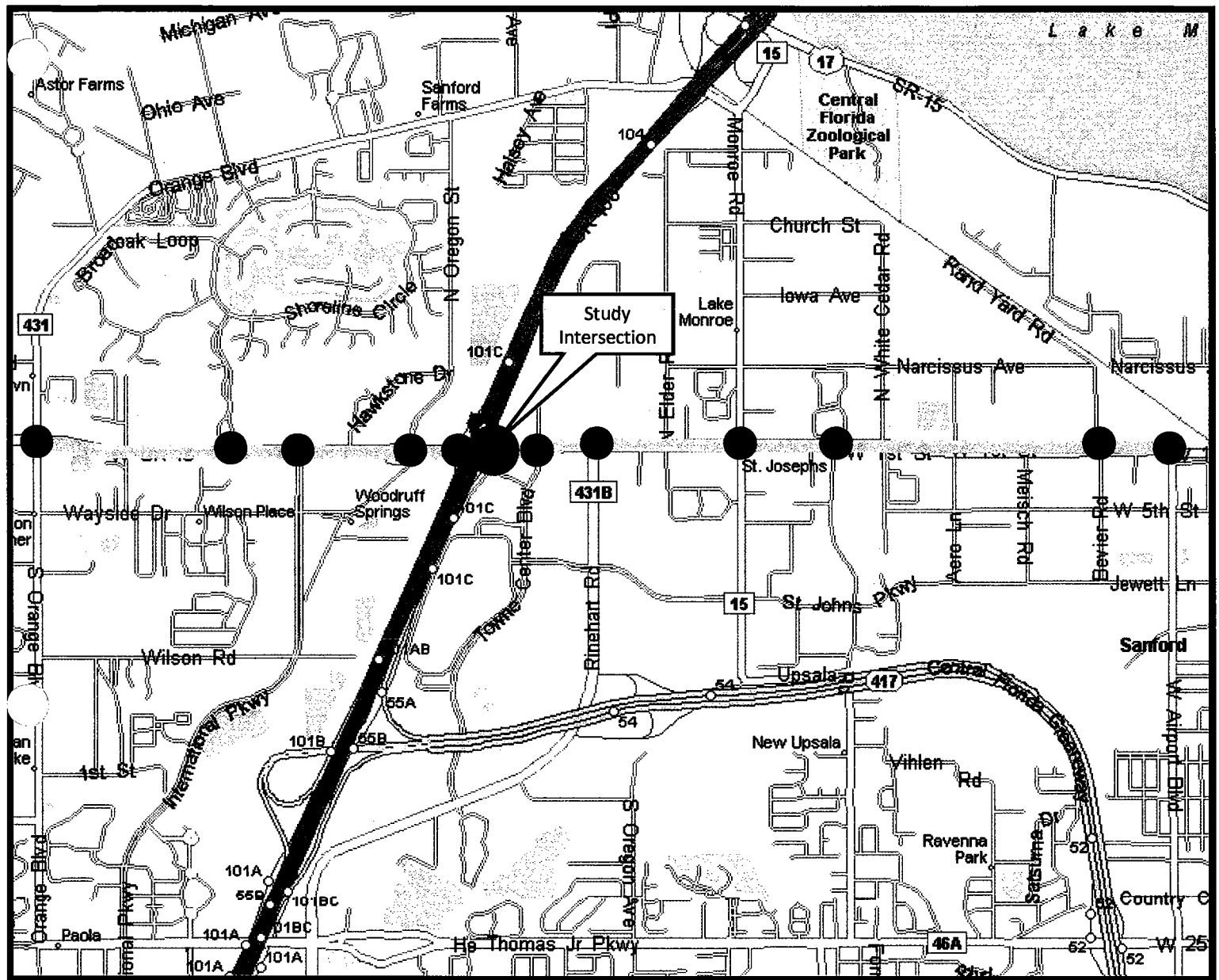


Figure 1

GMB Engineers & Planners, Inc.

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

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

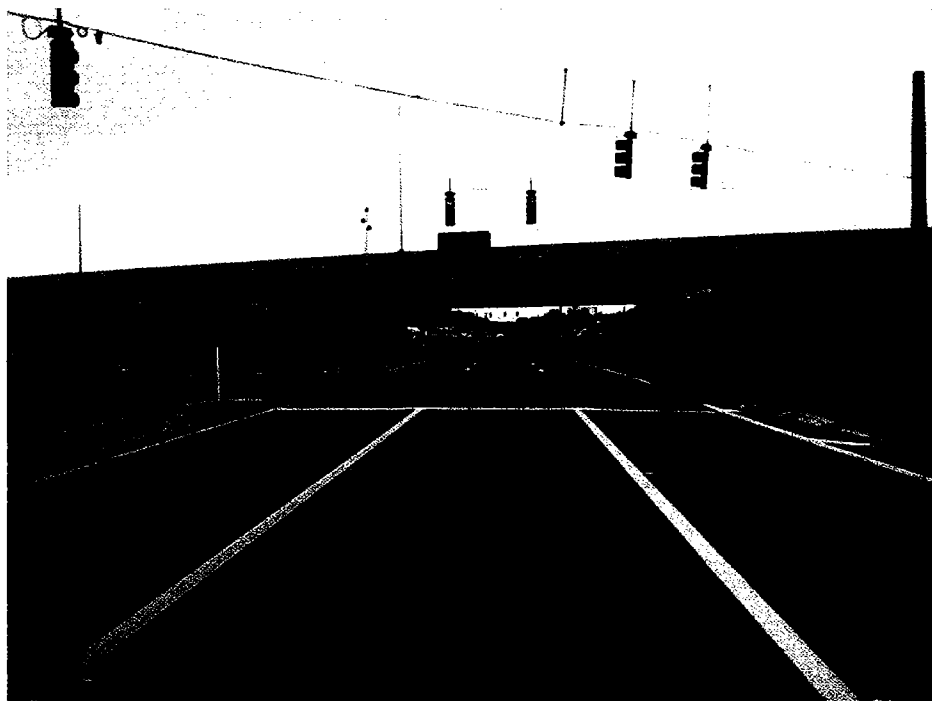


Looking north into intersection along the I-4 Eastbound Ramp



Looking south from intersection along I-4 Eastbound 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 EB RAMPS

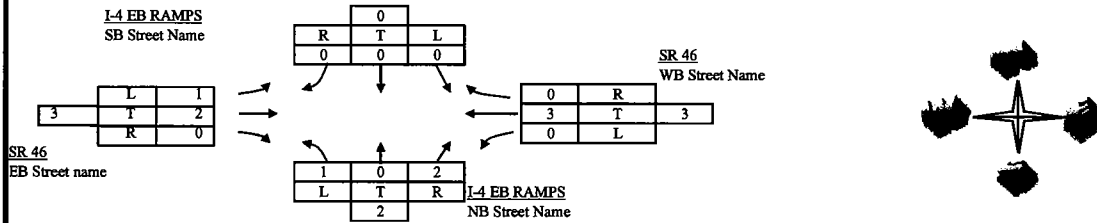
COUNTY: SEMINOLE

I-4 EB 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	37	0	24	0	61	0	0	0	0	0	61	0	148	23	0	171	35	147	0	0	182	353	414
7:15	80	0	42	0	122	0	0	0	0	0	122	0	233	50	0	283	49	201	0	0	250	533	655
7:30	89	0	39	0	128	0	0	0	0	0	128	0	353	70	0	423	58	246	0	0	304	727	855
7:45	111	0	51	0	162	0	0	0	0	0	162	0	402	82	1	485	48	231	0	0	279	764	926
TOTAL	317	0	156	0	473	0	0	0	0	0	473	0	1,136	225	1	1,362	190	825	0	0	1,015	2,377	2,850
8:00	98	0	60	0	158	0	0	0	0	0	158	0	293	67	0	360	43	221	0	0	264	624	782
8:15	77	0	55	0	132	0	0	0	0	0	132	0	309	53	0	362	50	245	0	0	295	657	789
8:30	78	0	41	0	119	0	0	0	0	0	119	0	285	74	0	359	31	221	0	0	252	611	730
8:45	104	0	54	0	158	0	0	0	0	0	158	0	283	62	0	345	45	222	0	0	267	612	770
TOTAL	357	0	210	0	567	0	0	0	0	0	567	0	1,170	256	0	1,426	169	909	0	0	1,078	2,504	3,071
11:00	70	0	53	0	123	0	0	0	0	0	123	0	275	31	0	306	65	199	0	0	264	570	693
11:15	50	0	45	0	95	0	0	0	0	0	95	0	284	33	0	317	66	251	0	0	317	634	729
11:30	71	0	48	0	119	0	0	0	0	0	119	0	265	38	0	303	92	210	0	0	302	605	724
11:45	73	0	53	0	126	0	0	0	0	0	126	0	269	30	0	299	90	252	0	0	342	641	767
TOTAL	264	0	199	0	463	0	0	0	0	0	463	0	1,093	132	0	1,225	313	912	0	0	1,225	2,450	2,913
12:00	72	0	59	0	131	0	0	0	0	0	131	0	277	47	0	324	110	269	0	0	379	703	834
12:15	79	0	58	0	137	0	0	0	0	0	137	0	289	30	0	319	82	291	0	0	373	692	829
12:30	85	0	65	0	150	0	0	0	0	0	150	0	285	33	0	318	105	277	0	0	382	700	850
12:45	60	0	57	0	117	0	0	0	0	0	117	0	303	32	0	335	98	289	0	0	387	722	839
TOTAL	296	0	239	0	535	0	0	0	0	0	535	0	1,154	142	0	1,296	395	1,126	0	0	1,521	2,817	3,352
2:00	92	0	58	0	150	0	0	0	0	0	150	0	268	34	0	302	99	294	0	0	393	695	845
2:15	89	0	70	0	159	0	0	0	0	0	159	0	286	57	0	343	99	299	0	0	398	741	900
2:30	74	0	83	0	157	0	0	0	0	0	157	0	256	50	0	306	83	288	0	0	371	677	834
2:45	84	0	59	0	143	0	0	0	0	0	143	0	245	42	0	287	87	335	0	0	422	709	852
TOTAL	339	0	270	0	609	0	0	0	0	0	609	0	1,055	183	0	1,238	368	1,216	0	0	1,584	2,822	3,431
3:00	70	0	60	0	130	0	0	0	0	0	130	0	258	73	0	331	135	283	0	0	418	749	879
3:15	88	0	81	0	169	0	0	0	0	0	169	0	254	70	0	324	122	327	0	0	449	773	942
3:30	98	0	100	0	198	0	0	0	0	0	198	0	280	78	0	358	117	283	0	0	400	758	956
3:45	97	0	95	0	192	0	0	0	0	0	192	0	296	111	0	407	156	367	0	0	523	930	1,122
TOTAL	353	0	336	0	689	0	0	0	0	0	689	0	1,088	332	0	1,420	530	1,260	0	0	1,790	3,210	3,899
4:00	80	0	105	0	185	0	0	0	0	0	185	0	302	99	0	401	175	384	0	0	559	960	1,145
4:15	61	0	94	0	155	0	0	0	0	0	155	0	306	111	0	417	134	405	0	0	539	956	1,111
4:30	48	0	98	0	146	0	0	0	0	0	146	0	271	97	0	368	116	361	0	0	477	845	991
4:45	62	0	111	0	173	0	0	0	0	0	173	0	309	90	0	399	141	396	0	0	537	936	1,109
TOTAL	251	0	408	0	659	0	0	0	0	0	659	0	1,188	397	0	1,585	566	1,546	0	0	2,112	3,697	4,356
5:00	62	0	106	0	168	0	0	0	0	0	168	0	305	109	0	414	156	425	0	0	581	995	1,163
5:15	75	0	91	0	166	0	0	0	0	0	166	0	309	144	0	453	163	452	0	0	615	1,068	1,234
5:30	79	0	102	0	181	0	0	0	0	0	181	0	293	138	0	431	117	422	0	0	539	970	1,151
5:45	78	0	104	0	182	0	0	0	0	0	182	0	268	97	0	365	136	396	0	0	532	897	1,079
TOTAL	294	0	403	0	697	0	0	0	0	0	697	0	1,175	488	0	1,663	572	1,695	0	0	2,267	3,930	4,627

SECTION:	77030	CITY:	SANFORD	COUNTY:	SEMINOLE
STATE ROUTE:	SR 46			INTERSECTING ROUTE:	1-4 EB RAMPS
OBSERVER:	SRK	DATE:	10/01/08	MILEPOST:	5.06
WEATHER:	CLEAR			ROAD CONDITION:	DRY
REMARKS:					
FORM COMPLETED BY/DATE:	SRK/October 2, 2008				

[illegible]

15 MINUTE TURNING MOVEMENT COUNTS (TRUCKS)

DATE: October 1, 2008 (Wednesday)

CITY: SANFORD

LOCATION: I-4 EB RAMPS and SR 46

COUNTY: SEMINOLE

I-4 EB RAMPS

SR 46

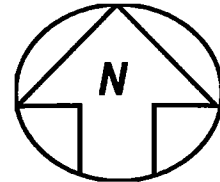
TIME	NORTHBOUND				SOUTHBOUND				N/S	EASTBOUND				WESTBOUND				E/W	GRAND
BEGIN	R	T	L	TOT	R	T	L	TOT	TOT	R	T	L	TOT	R	T	L	TOT	TOT	TOTAL
7:00	5	0	3	8	0	0	0	0	8	0	5	2	7	3	15	0	18	25	33
7:15	0	0	1	1	0	0	0	0	1	0	5	2	7	4	10	0	14	21	22
7:30	0	0	1	1	0	0	0	0	1	0	9	2	11	3	12	0	15	26	27
7:45	0	0	2	2	0	0	0	0	2	0	6	2	8	4	12	0	16	24	26
TOTAL	5	0	7	12	0	0	0	0	12	0	25	8	33	14	49	0	63	96	108
8:00	1	0	2	3	0	0	0	0	3	0	8	5	13	2	9	0	11	24	27
8:15	3	0	2	5	0	0	0	0	5	0	8	10	18	2	9	0	11	29	34
8:30	2	0	4	6	0	0	0	0	6	0	10	13	23	1	11	0	12	35	41
8:45	0	0	2	2	0	0	0	0	2	0	13	3	16	1	10	0	11	27	29
TOTAL	6	0	10	16	0	0	0	0	16	0	39	31	70	6	39	0	45	115	131
11:00	2	0	2	4	0	0	0	0	4	0	3	5	8	3	5	0	8	16	20
11:15	2	0	4	6	0	0	0	0	6	0	6	7	13	2	6	0	8	21	27
11:30	6	0	5	11	0	0	0	0	11	0	10	4	14	1	6	0	7	21	32
11:45	1	0	1	2	0	0	0	0	2	0	2	3	5	4	9	0	13	18	20
TOTAL	11	0	12	23	0	0	0	0	23	0	21	19	40	10	26	0	36	76	99
12:00	5	0	4	9	0	0	0	0	9	0	8	2	10	3	11	0	14	24	33
12:15	5	0	1	6	0	0	0	0	6	0	9	3	12	4	8	0	12	24	30
12:30	5	0	2	7	0	0	0	0	7	0	7	4	11	1	7	0	8	19	26
12:45	3	0	2	5	0	0	0	0	5	0	5	4	9	1	5	0	6	15	20
TOTAL	18	0	9	27	0	0	0	0	27	0	29	13	42	9	31	0	40	82	109
2:00	4	0	2	6	0	0	0	0	6	0	10	3	13	4	6	0	10	23	29
2:15	1	0	1	2	0	0	0	0	2	0	10	7	17	2	8	0	10	27	29
2:30	1	0	1	2	0	0	0	0	2	0	15	4	19	1	7	0	8	27	29
2:45	2	0	2	4	0	0	0	0	4	0	12	4	16	3	5	0	8	24	28
TOTAL	8	0	6	14	0	0	0	0	14	0	47	18	65	10	26	0	36	101	115
3:00	6	0	0	6	0	0	0	0	6	0	9	4	13	2	6	0	8	21	27
3:15	1	0	2	3	0	0	0	0	3	0	9	2	11	2	8	0	10	21	24
3:30	3	0	4	7	0	0	0	0	7	0	5	1	6	1	4	0	5	11	18
3:45	1	0	2	3	0	0	0	0	3	0	12	1	13	3	4	0	7	20	23
TOTAL	11	0	8	19	0	0	0	0	19	0	35	8	43	8	22	0	30	73	92
4:00	3	0	2	5	0	0	0	0	5	0	5	3	8	2	6	0	8	16	21
4:15	2	0	0	2	0	0	0	0	2	0	5	3	8	0	5	0	5	13	15
4:30	1	0	1	2	0	0	0	0	2	0	6	1	7	1	5	0	6	13	15
4:45	2	0	1	3	0	0	0	0	3	0	2	2	4	1	2	0	3	7	10
TOTAL	8	0	4	12	0	0	0	0	12	0	18	9	27	4	18	0	22	49	61
5:00	1	0	2	3	0	0	0	0	3	0	9	2	11	0	5	0	5	16	19
5:15	2	0	0	2	0	0	0	0	2	0	5	3	8	1	4	0	5	13	15
5:30	2	0	1	3	0	0	0	0	3	0	2	3	5	1	4	0	5	10	13
5:45	1	0	0	1	0	0	0	0	1	0	3	1	4	0	4	0	4	8	9
TOTAL	6	0	3	9	0	0	0	0	9	0	19	9	28	2	17	0	19	47	56

FLORIDA DEPARTMENT OF TRANSPORTATION

Pedestrian Movement Summary

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

I-4 EB 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

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	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1

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	1	0	0	0	1	0	2
0	0	0	0	0	0	0	0	2

SR 46

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

I-4 EB RAMPS

FLORIDA DEPARTMENT OF TRANSPORTATION

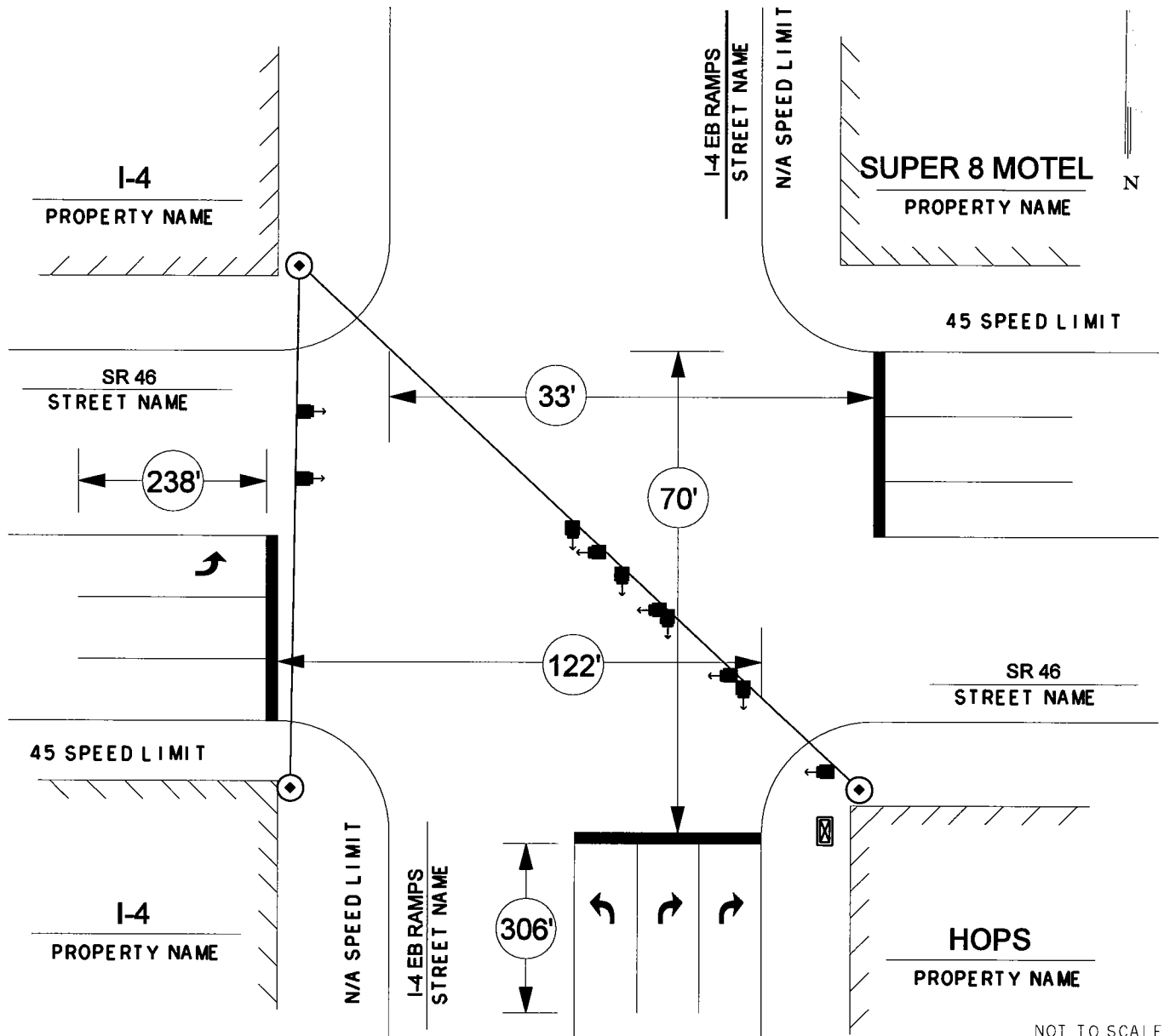
LOCATION I.D.: SR 46 AT I-4 EB RAMP

COUNTY: SEMINOLE

CITY: SANFORD

DATE: 9/23/08

PREPARED BY: K.T.F.



NOT TO SCALE