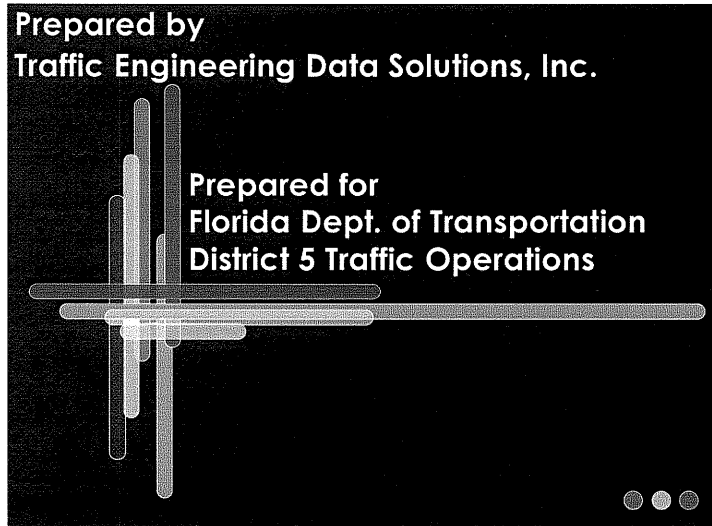



**State Road 46 at International Parkway
and State Road 46 at Hawkstone Drive
Section 77030 - M.P. 4.397 and M.P. 4.562
Seminole County**

Traffic Operational Study



Prepared by:
H.L. Wynn, Jr.
77030 46@INTLHAWK.WTETS

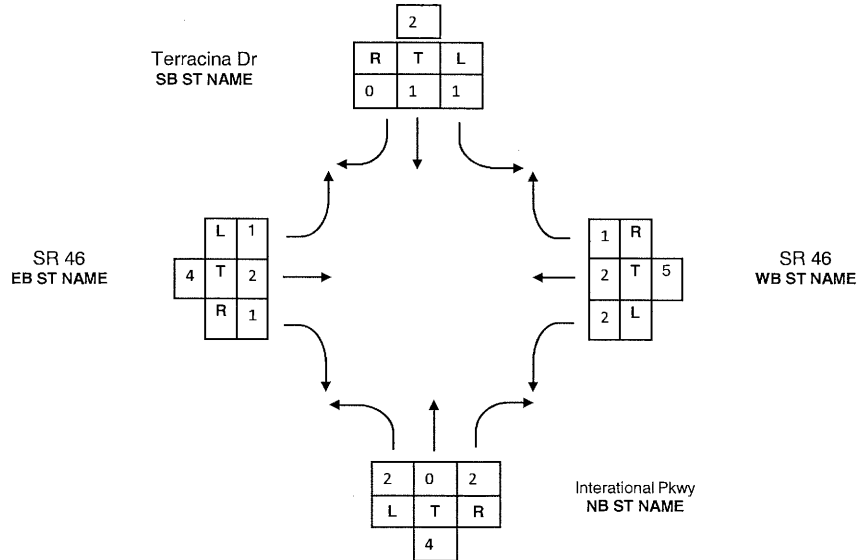

Professional Engineer:
Fred D. Ferrell, P.E.
P.E. No. 41902
05.13.08

FLORIDA DEPARTMENT OF TRANSPORTATION

SUMMARY OF VEHICLE MOVEMENTS

SECTION 77030 CITY Sanford COUNTY Seminole
 STATE ROUTE 46 INTERSECTING ROUTE Interational Pkwy
 OBSERVER JG DATE 4/8/2008 MILEPOST 4.397
 WEATHER Sunny ROAD CONDITION Good
 REMARKS _____

FORM COMPLETED BY JG DATE 4/15/2008



TIME	NORTHBOUND					SOUTHBOUND					TOTAL	EASTBOUND					WESTBOUND					TOTAL
BEGIN/END	L	T	R	U	TOT	L	T	R	U	TOT	N/S	L	T	R	U	TOT	L	T	R	U	TOT	E/W
4 - 5																						
5 - 6																						
6 - 7																						
7 - 8																						
8 - 9																						
9 - 10																						
10 - 11																						
11 - 12	79	2	116	0	197	5	0	3	0	8	205	1	824	88	0	913	117	706	5	20	848	1,761
12 - 1	125	4	140	1	270	9	2	3	0	14	284	4	873	130	1	1,008	178	734	8	23	943	1,951
1 - 2																						
2 - 3																						
3 - 4																						
4 - 5	172	2	136	7	317	1	0	3	0	4	321	1	965	75	0	1,041	142	1,199	2	13	1,356	2,397
5 - 6	288	8	237	1	534	0	0	1	0	1	535	3	1,144	96	1	1,244	150	1,352	4	18	1,524	2,768
6 - 7																						
7 - 8																						
8 - 9																						
9 - 10																						
10 - 11																						
11 - 12																						
TOTAL	664	16	629	9	1,318	15	2	10	0	27	1,345	9	3,806	389	2	4,206	587	3,991	19	74	4,671	8,877

FLORIDA DEPARTMENT OF TRANSPORTATION

PEDESTRIAN MOVEMENT SUMMARY

SECTION 77030
 STATE ROUTE 46
 OBSERVER JG

CITY Sanford
 INTERSECTING ROUTE Interational Pkwy
 DATE 4/8/2008

COUNTY Seminole

REMARKS NO PED'S

FORM COMPLETED BY JG DATE 04/15/08

7-8	8-9	11-12	12-1	2-3	3-4	4-5	5-6	Total
C	? SB ST NAME			0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

7-8	0	0	0
8-9	0	0	0
11-12	0	0	0
12-1	0	0	0
2-3	0	0	0
3-4	0	0	0
4-5	0	0	0
5-6	0	0	0
Total	0	0	0

? EB ST NAME

7-8	0	0	0
8-9	0	0	0
11-12	0	0	0
12-1	0	0	0
2-3	0	0	0
3-4	0	0	0
4-5	0	0	0
5-6	0	0	0
Total	0	0	0

? WB ST NAME

7-8	0	0	0	0	0	0	0	0
8-9	0	0	0	0	0	0	0	0
11-12	0	0	0	0	0	0	0	0
12-1	0	0	0	0	0	0	0	0
2-3	0	0	0	0	0	0	0	0
3-4	0	0	0	0	0	0	0	0
4-5	0	0	0	0	0	0	0	0
5-6	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0

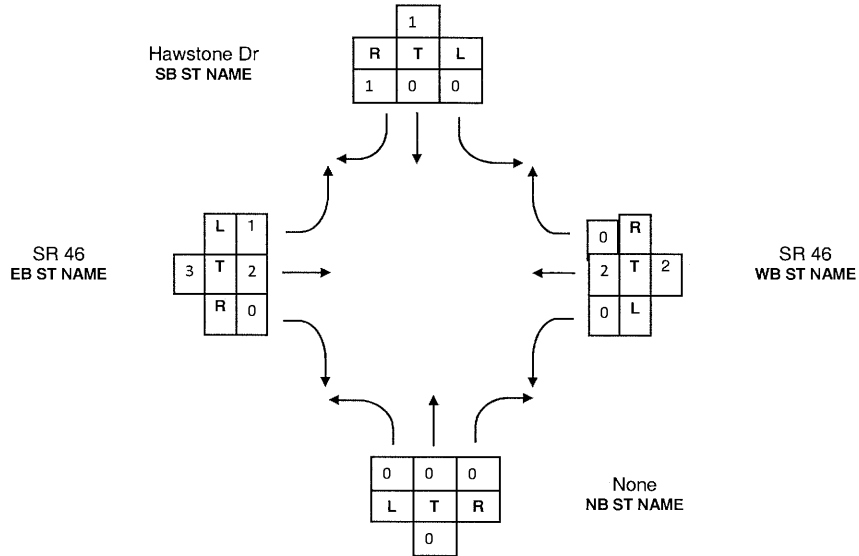
? NB ST NAME

FLORIDA DEPARTMENT OF TRANSPORTATION

SUMMARY OF VEHICLE MOVEMENTS

SECTION 77030 CITY Sanford COUNTY Seminole
 STATE ROUTE 46 INTERSECTING ROUTE Hawstone Dr
 OBSERVER JG DATE 4/9/2008 MILEPOST 4.549
 WEATHER Sunny ROAD CONDITION Good
 REMARKS _____

 FORM COMPLETED BY JG DATE 4/15/2008



TIME	NORTHBOUND					SOUTHBOUND					TOTAL	EASTBOUND					WESTBOUND					TOTAL
BEGIN/END	L	T	R	U	TOT	L	T	R	U	TOT	N/S	L	T	R	U	TOT	L	T	R	U	TOT	E/W
4 - 5																						
5 - 6																						
6 - 7																						
7 - 8																						
8 - 9																						
9 - 10																						
10 - 11																						
11 - 12	0	0	0	0	0	1	0	24	0	25	25	35	871	0	27	933	0	775	29	1	805	1,738
12 - 1																						
1 - 2																						
2 - 3																						
3 - 4																						
4 - 5																						
5 - 6																						
6 - 7																						
7 - 8																						
8 - 9																						
9 - 10																						
10 - 11																						
11 - 12																						
TOTAL	0	0	0	0	0	1	0	24	0	25	25	35	871	0	27	933	0	775	29	1	805	1,738

FLORIDA DEPARTMENT OF TRANSPORTATION

PEDESTRIAN MOVEMENT SUMMARY

SECTION 77030
 STATE ROUTE 46
 OBSERVER JG

CITY Sanford
 INTERSECTING ROUTE Hawstone Dr
 DATE 4/9/2008

COUNTY Seminole

REMARKS

NO PED'S

FORM COMPLETED BY JG DATE 04/09/08

Hawstone Dr
 SB ST NAME

7-8	8-9	11-12	12-1	2-3	3-4	4-5	5-6	Total
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

7-8	0	0	0
8-9	0	0	0
11-12	0	0	0
12-1	0	0	0
2-3	0	0	0
3-4	0	0	0
4-5	0	0	0
5-6	0	0	0
Total	0	0	0

SR 46
 EB ST NAME

7-8	0	0	0
8-9	0	0	0
11-12	0	0	0
12-1	0	0	0
2-3	0	0	0
3-4	0	0	0
4-5	0	0	0
5-6	0	0	0
Total	0	0	0

SR 46
 WB ST NAME

7-8	8-9	11-12	12-1	2-3	3-4	4-5	5-6	Total
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

None
 NB ST NAME

TIME: 11pm-12pm
EAST/WEST STREET: SR 46
BY: JG

	NORTHBOUND					SOUTHBOUND					NS TOTAL	EASTBOUND					WESTBOUND					EW TOTAL	GRAND TOTAL
	LEFT	THRU	RIGHT	U-TURN	TOTAL	LEFT	THRU	RIGHT	U-TURN	TOTAL		LEFT	THRU	RIGHT	U-TURN	TOTAL	LEFT	THRU	RIGHT	U-TURN	TOTAL		
4:00 AM																							
4:15 AM																							
4:30 AM																							
4:45 AM																							
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5:00 AM																							
5:15 AM																							
5:30 AM																							
5:45 AM																							
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6:00 AM																							
6:15 AM																							
6:30 AM																							
6:45 AM																							
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7:00 AM																							
7:15 AM																							
7:30 AM																							
7:45 AM																							
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8:00 AM																							
8:15 AM																							
8:30 AM																							
8:45 AM																							
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9:00 AM																							
9:15 AM																							
9:30 AM																							
9:45 AM																							
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10:00 AM																							
10:15 AM																							
10:30 AM																							
10:45 AM																							
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11:00 AM						1		2		3	3	3	210		6	219		166	6	1	173	392	395
11:15 AM								6		6	6	5	220		3	228		173	8		181	409	415
11:30 AM								6		6	6	9	221		9	239		234	8		242	481	487
11:45 AM								10		10	10	18	220		9	247		202	7		209	456	466
Total	0	0	0	0	0	1	0	24	0	25	25	35	871	0	27	933	0	775	29	1	805	1738	1763
12:00 PM																							
12:15 PM																							
12:30 PM																							
12:45 PM																							
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1:00 PM																							
1:15 PM																							
1:30 PM																							
1:45 PM																							
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2:00 PM																							
2:15 PM																							
2:30 PM																							
2:45 PM																							
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3:00 PM																							
3:15 PM																							
3:30 PM																							
3:45 PM																							
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4:00 PM																							
4:15 PM																							
4:30 PM																							
4:45 PM																							
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5:00 PM																							
5:15 PM																							
5:30 PM																							
5:45 PM																							
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6:00 PM																							
6:15 PM																							
6:30 PM																							
6:45 PM																							
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7:00 PM																							
7:15 PM																							
7:30 PM																							
7:45 PM																							
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8:00 PM																							
8:15 PM																							
8:30 PM																							
8:45 PM																							
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9:00 PM																							
9:15 PM																							
9:30 PM																							
9:45 PM																							
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10:00 PM																							
10:15 PM																							
10:30 PM																							
10:45 PM																							
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11:00 PM																							
11:15 PM																							
11:30 PM																							
11:45 PM																							
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

TIME: 11-1pm & 4-6pm
EAST/WEST STREET: SR 46
BY:

ALL VEHICLES

[illegible]

Florida Department of Transportation
Traffic Operations - District V

Counter: T12-766
 Counted By: JG
 Weather: Sunny
 TMC: 11-1

File Name : sr46@international 11-1
 Site Code : 77030000
 Start Date : 4/8/2008
 Page No : 1

Groups Printed- TMC

	INTERNATIONAL PKWY Southbound				SR 46 Westbound				INTERNATIONAL PKWY Northbound				SR 46 Eastbound				Int. Total
Start Time	Left	Thru	Right	U- turn	Left	Thru	Right	U- turn	Left	Thru	Right	U- turn	Left	Thru	Right	U- turn	
Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
11:00 AM	0	0	0	0	23	184	0	3	16	0	18	0	0	201	20	0	465
11:15 AM	1	0	0	0	30	157	1	1	20	0	26	0	0	197	26	0	459
11:30 AM	1	0	2	0	28	165	2	7	19	0	30	0	0	213	17	0	484
11:45 AM	3	0	1	0	36	200	2	9	24	2	42	0	1	213	25	0	558
Total	5	0	3	0	117	706	5	20	79	2	116	0	1	824	88	0	1966
12:00 PM	2	1	0	0	32	183	2	3	44	1	41	0	1	229	23	0	562
12:15 PM	3	1	2	0	39	194	3	10	25	2	41	1	2	236	43	0	602
12:30 PM	2	0	1	0	52	157	2	3	29	1	34	0	0	192	29	1	503
12:45 PM	2	0	0	0	55	200	1	7	27	0	24	0	1	216	35	0	568
Total	9	2	3	0	178	734	8	23	125	4	140	1	4	873	130	1	2235
Grand Total	14	2	6	0	295	1440	13	43	204	6	256	1	5	1697	218	1	4201
Apprch %	63.6	9.1	27.3	0.0	16.5	80.4	0.7	2.4	43.7	1.3	54.8	0.2	0.3	88.3	11.3	0.1	
Total %	0.3	0.0	0.1	0.0	7.0	34.3	0.3	1.0	4.9	0.1	6.1	0.0	0.1	40.4	5.2	0.0	

Florida Department of Transportation
Traffic Operations - District V

Counter: T12-766
 Counted By: JG
 Weather: Sunny
 TMC: 4-6

File Name : sr46@international 4-6
 Site Code : 77030000
 Start Date : 4/8/2008
 Page No : 1

Groups Printed- TMC

	INTERNATIONAL PKKY Southbound				SR 46 Westbound				INTERNATIONAL PKKY Northbound				SR 46 Eastbound				Int. Total
Start Time	Left	Thru	Right	U- turn	Left	Thru	Right	U- turn	Left	Thru	Right	U- turn	Left	Thru	Right	U- turn	
Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
04:00 PM	0	0	2	0	39	288	1	4	36	1	39	0	0	208	18	0	636
04:15 PM	0	0	0	0	38	297	0	3	41	1	23	1	0	247	14	0	665
04:30 PM	1	0	1	0	36	309	1	4	48	0	33	6	0	207	21	0	667
04:45 PM	0	0	0	0	29	305	0	2	47	0	41	0	1	303	22	0	750
Total	1	0	3	0	142	1199	2	13	172	2	136	7	1	965	75	0	2718
05:00 PM	0	0	1	0	35	295	0	3	67	3	57	0	2	267	16	0	746
05:15 PM	0	0	0	0	39	362	1	8	57	3	87	0	0	272	23	0	852
05:30 PM	0	0	0	0	45	366	1	3	80	1	53	0	0	264	20	1	834
05:45 PM	0	0	0	0	31	329	2	4	84	1	40	1	1	341	37	0	871
Total	0	0	1	0	150	1352	4	18	288	8	237	1	3	1144	96	1	3303
Grand Total	1	0	4	0	292	2551	6	31	460	10	373	8	4	2109	171	1	6021
Apprch %	20.0	0.0	80.0	0.0	10.1	88.6	0.2	1.1	54.1	1.2	43.8	0.9	0.2	92.3	7.5	0.0	
Total %	0.0	0.0	0.1	0.0	4.8	42.4	0.1	0.5	7.6	0.2	6.2	0.1	0.1	35.0	2.8	0.0	

Florida Department of Transportation
Traffic Operations - District V

Counter: T12-766
 Counted By: JG
 Weather: Sunny
 TMC: 11-12

File Name : sr46@hawkstone 11-12
 Site Code : 77030000
 Start Date : 4/9/2008
 Page No : 1

Groups Printed- TMC

	HAWKSTONE DR Southbound				SR 46 Westbound				Northbound				SR 46 Eastbound				Int. Total
Start Time	Left	Thru	Right	U- turn	Left	Thru	Right	U- turn	Left	Thru	Right	U- turn	Left	Thru	Right	U- turn	
Factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
11:00 AM	1	0	2	0	0	166	6	1	0	0	0	0	3	210	0	6	395
11:15 AM	0	0	6	0	0	173	8	0	0	0	0	0	5	220	0	3	415
11:30 AM	0	0	6	0	0	234	8	0	0	0	0	0	9	221	0	9	487
11:45 AM	0	0	10	0	0	202	7	0	0	0	0	0	18	220	0	9	466
Total	1	0	24	0	0	775	29	1	0	0	0	0	35	871	0	27	1763
Grand Total	1	0	24	0	0	775	29	1	0	0	0	0	35	871	0	27	1763
Apprch %	4.0	0.0	96.0	0.0	0.0	96.3	3.6	0.1	0.0	0.0	0.0	0.0	3.8	93.4	0.0	2.9	
Total %	0.1	0.0	1.4	0.0	0.0	44.0	1.6	0.1	0.0	0.0	0.0	0.0	2.0	49.4	0.0	1.5	