

Draft Report
Composite Study
For
SR 434 at Markham Woods Road

Study #3
Work Order #15

SEMINOLE COUNTY
SECTION 77120
MP 4.929

Prepared for:

The Florida Department of Transportation

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

Prepared by:

GMB ENGINEERS & PLANNERS, INC.
Orlando, FL

August 2007

Professional Engineer: Dante A. Gabriel
P.E. #37271
August 23, 2007

**SR 434 at Markham Woods Road
East Approach**



Exhibit 1: Looking west into the intersection along SR 434



Exhibit 2: Looking east from the intersection along SR 434

**SR 434 at Markham Woods Road
West Approach**



Exhibit 3: Looking east into the intersection along SR 434



Exhibit 4: Looking west from the intersection along SR 434

**SR 434 at Markham Woods Road
North Approach**



Exhibit 5: Looking south into the intersection along Markham Woods Road



Exhibit 6: Looking north from the intersection along Markham Woods Road

**SR 434 at Markham Woods Road
South Approach**



Exhibit 7: Looking north into the intersection along Markham Woods Road



Exhibit 8: Looking south from the intersection along Markham Woods Road

LEGEND

Controller Cabinet

Light Pole

Concrete Swale

Shrubbery

Right-of-Way

Curb

Delinicator Metal Pole

Delinicator Tubular

Concrete Power Pole

Wood Power Pole

Traffic Signal pole

Fire Hydrant

Sign (1 Post)

Sign (2 Posts)

S.N.S.

Street Name Sign

Pedestrian Signal Head

Guard Rail

School

Residence

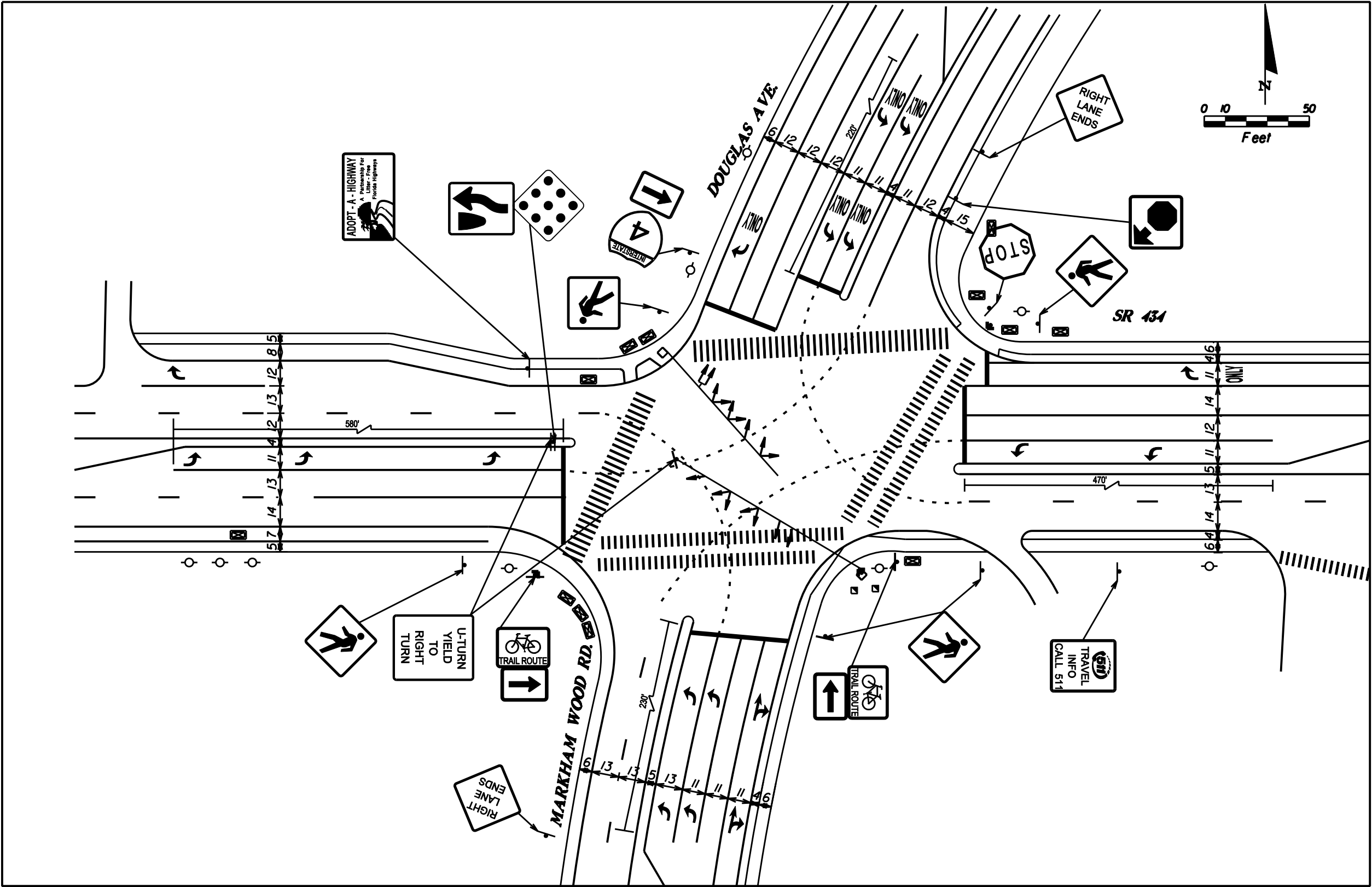
Fence

Overhead Sign

Inlet

Signal Head

Wall



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



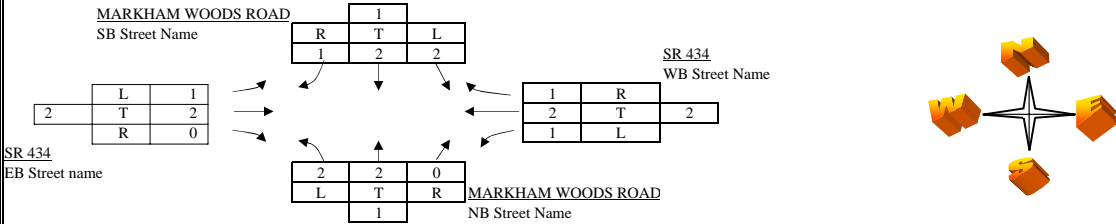
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Kathryn L. Lee P.E. #62420

FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	GMB PROJECT ID
SR 434	ORANGE	06-154.15

CONDITION DIAGRAM SR 434 AT MARKHAM WOODS ROAD		
#USER#	#DATE#	#TIME#
#FILE#		

FIGURE
2

SECTION:	77120	CITY:	ALTAMONTE SPRINGS	COUNTY:	SEMINOLE
STATE ROUTE:	SR 434			INTERSECTING ROUTE:	MARKHAM WOODS ROAD
OBSERVER:	SRK	DATE:	08/07/07	MILEPOST:	4.929
WEATHER:	CLEAR			ROAD CONDITION:	DRY
REMARKS:					
FORM COMPLETED BY/DATE: SRK/August 23, 2007					

[illegible]

15 MINUTE TURNING MOVEMENT COUNTS (ALL VEHICLES)

DATE: August 7, 2007 (Tuesday)

CITY: ALTAMONTE SPRINGS

LOCATION: SR 434 at MARKHAM WOOD ROAD/DOUGLAS AVENUE

COUNTY: SEMINOLE

MARKHAM WOODS ROAD

SR 434

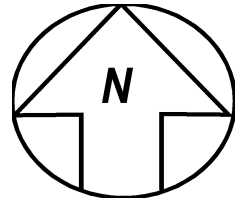
TIME BEGIN	NORTHBOUND					SOUTHBOUND					N/S TOT	EASTBOUND					WESTBOUND					E/W TOT	GRAND TOTAL
	R	T	L	U	TOT	R	T	L	U	TOT		R	T	L	U	TOT	R	T	L	U	TOT		
7:00	12	7	4	0	23	80	39	55	0	174	197	7	338	28	0	373	7	277	41	4	329	702	899
7:15	21	17	9	0	47	87	64	66	0	217	264	9	395	45	0	449	8	312	66	4	390	839	1,103
7:30	19	17	3	0	39	91	65	34	0	190	229	14	416	66	0	496	21	382	47	8	458	954	1,183
7:45	25	27	9	0	61	131	122	84	0	337	398	9	375	64	0	448	14	377	84	6	481	929	1,327
TOTAL	77	68	25	0	170	389	290	239	0	918	1,088	39	1,524	203	0	1,766	50	1,348	238	22	1,658	3,424	4,512
8:00	14	17	15	0	46	103	45	49	0	197	243	17	460	62	0	539	24	316	72	3	415	954	1,197
8:15	19	31	20	0	70	105	94	79	0	278	348	14	373	55	0	442	34	361	84	9	488	930	1,278
8:30	8	21	13	0	42	102	84	64	0	250	292	16	375	65	0	456	29	334	84	9	456	912	1,204
8:45	13	29	8	0	50	109	67	75	0	251	301	16	445	64	0	525	26	353	43	3	425	950	1,251
TOTAL	54	98	56	0	208	419	290	267	0	976	1,184	63	1,653	246	0	1,962	113	1,364	283	24	1,784	3,746	4,930
4:00	15	40	25	0	80	112	31	36	0	179	259	17	399	81	0	497	35	385	39	12	471	968	1,227
4:15	19	64	30	2	115	104	38	43	1	186	301	20	377	97	1	495	35	391	47	7	480	975	1,276
4:30	21	49	19	0	89	121	20	42	1	184	273	21	382	106	0	509	33	408	54	9	504	1,013	1,286
4:45	27	71	19	0	117	117	44	46	0	207	324	14	340	82	1	437	30	449	48	4	531	968	1,292
TOTAL	82	224	93	2	401	454	133	167	2	756	1,157	72	1,498	366	2	1,938	133	1,633	188	32	1,986	3,924	5,081
5:00	33	69	32	1	135	117	21	55	0	193	328	7	325	91	0	423	34	420	48	8	510	933	1,261
5:15	36	78	27	0	141	177	46	45	0	268	409	12	376	99	0	487	47	431	24	7	509	996	1,405
5:30	27	82	34	1	144	158	42	46	0	246	390	11	297	96	0	404	40	410	44	11	505	909	1,299
5:45	33	81	31	0	145	156	37	42	0	235	380	9	285	93	0	387	38	395	34	9	476	863	1,243
TOTAL	129	310	124	2	565	608	146	188	0	942	1,507	39	1,283	379	0	1,701	159	1,656	150	35	2,000	3,701	5,208

FLORIDA DEPARTMENT OF TRANSPORTATION

Pedestrian Movement Summary

Section 77120 City ALTAMONTE SPRINGS County SEMINOLE
 State Route SR 434 Intersecting Route MARKHAM WOODS ROAD
 Data By GMB Date 08/07/07 Form Completed By SRK
 Remarks NONE

MARKHAM WOODS ROAD



SR 434

	7:00 AM	8:00 AM					4:00 PM	5:00 PM
1	0	0					0	1
	0	0					1	1
2								

	0
7:00 AM	0
8:00 AM	0
4:00 PM	1
5:00 PM	1
2	

	3
0	0
0	0
0	2
1	1
1	

SR 434

1	0	0					0	1
	0	0					1	0
	7:00 AM	8:00 AM					4:00 PM	5:00 PM
1								

MARKHAM WOODS ROAD