



Samuel Ceballos, Jr.
Chief of Police
police@pinecrest-fl.gov

MEMORANDUM
Department of Police

DATE: September 24, 2013
TO: Samuel Ceballos, Jr., Chief of Police
FROM: *Derrick Bowman*
Derrick Bowman, Operations Lieutenant
RE: Final Publix Traffic Survey

In response to possible increased traffic concerns in the area of the Publix Supermarket located at 13401 South Dixie Highway Pinecrest Florida 33156, a third and final survey was conducted during the week of September 16, 2013 to September 23, 2013.

The following information includes a breakdown of the average traffic volume, average traffic speeds and peak traffic times along the three main travel routes; SW 82nd Avenue, SW 83rd Avenue and SW 84th Avenue, along SW 134th Street, during a one week period.

Location: SW 82nd Avenue along SW 134th Street

Survey date: September 16, 2013 to September 23, 2013

- The Monday thru Friday average on a one week period was 8,360 vehicles daily.
- The weekend average on a one week period was 7,385 vehicles daily.
- The week end average was 4,946 vehicles daily.
- On average, 55% of the vehicle traveled southbound and 45.5% traveled northbound.
- The peak travel times were 7:00 AM and 4:50 PM.
- The average daily speed on this road was 33.0 MPH; the max speed recorded was 59.9 MPH, with an 85 percentile of 38.5 MPH. The speed limit for this location is 30 MPH.

Location: SW 83rd Avenue along SW 134th Street

Survey date: September 16, 2013 to September 23, 2013

- The Monday thru Friday average on a one week period was 376 vehicles daily.
- The weekend average on a one week period was 355 vehicles daily.
- The weekend average was 303 vehicles daily.
- On average, 58% of the vehicles traveled southbound and 41.4% traveled northbound.



- The peak travel times were 7:00 AM and 4:50 PM.
- The average daily speed on this road was 25.7 MPH; the max speed recorded was 59.7 MPH, with an 85 percentile of 33.3 MPH. The speed limit for this location is 30 MPH.

Location: SW 84th Avenue along SW 134th Street

Survey date: September 16, 2013 to September 23, 2013

- The Monday thru Friday average on a one week period was 1,180 vehicles daily.
- The weekend average on a one week period was 1,087 vehicles daily.
- The weekend average was 856 vehicles daily.
- On average, 27.7% of the vehicles traveled southbound and 72.3% traveled northbound.
- The peak travel times were 10:45 AM and 4:00 PM.
- The average daily speed on this road was 28.2 MPH; the max speed recorded was 60.0 MPH, with an 85 percentile of 30.0 MPH. The speed limit for this location is 30 MPH.

See attached supporting documents.



Samuel Ceballos, Jr.
Chief of Police
police@pinecrest-fl.gov

MEMORANDUM
Department of Police

DATE: September 23, 2013
TO: Chief Samuel Ceballos, Jr.
FROM: Sergeant Heather Setter *HSS* 13321
RE: Traffic Survey conducted on SW 82nd Ave/ SW 134th St

The results of the traffic survey conducted on the 13400-blk of SW 82nd Ave

September 16, 2013 to September 23, 2013

- The Monday thru Friday average on a one-week period was 8,360 vehicles daily.
- The week average on a one-week period was 7,385 vehicles daily.
- The weekend average was 4,946 vehicles daily
- On average, 55.5% of the vehicles traveled southbound and 45.5% traveled northbound on SW 82nd Ave
- The heaviest traffic (peak times) were 7:00AM and 4:50PM.
- The average daily speed on this road was 33.0mph, the minimum speed recorded was 1.4mph, and the maximum speed recorded was 59.9mph. The 85 percentile was 38.5mph.
- The speed limit at this location is 30mph.



82/134:
82/134:
82/134:

Box B

Site:

Weekly Volume

Interval	Mon 9/16/2013		Tue 9/17/2013		Wed 9/18/2013		Thu 9/19/2013		Fri 9/20/2013		Sat 9/21/2013		Sun 9/22/2013		Mon - Fri Average		Week Average		
	Begin	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel
12:00 AM - 1:00 AM	-	-	9	12	14	3	11	5	13	17	24	14	23	11.8	7.3	10.0	15.7		
1:00 AM - 2:00 AM	-	-	8	0	5	0	4	1	11	11	17	2	14	7.0	1.5	3.2	9.8		
2:00 AM - 3:00 AM	-	-	4	1	7	1	3	5	8	6	26	4	5	5.5	2.5	3.3	8.8		
3:00 AM - 4:00 AM	-	-	1	4	3	2	3	2	5	5	9	1	6	3.0	2.3	2.5	4.5		
4:00 AM - 5:00 AM	-	-	2	1	2	3	2	2	5	2	6	0	4	2.8	2.3	1.8	3.5		
5:00 AM - 6:00 AM	-	-	10	25	9	25	8	8	8	14	17	2	8	8.8	23.0	18.0	10.0		
6:00 AM - 7:00 AM	-	-	266	259	29	648	31	242	35	18	5	12	12	30.0	257.5	176.7	22.8		
7:00 AM - 8:00 AM	-	-	668	597	181	176	164	638	164	56	33	31	14	174.8	637.8	439.7	124.3		
8:00 AM - 9:00 AM	-	-	604	555	231	605	226	575	194	131	100	57	58	216.5	584.8	421.2	170.7		
9:00 AM - 10:00 AM	-	-	294	276	187	287	178	267	186	199	148	89	93	176.0	281.0	235.3	157.5		
10:00 AM - 11:00 AM	97	103	189	171	171	171	179	179	195	196	205	114	128	169.3	167.2	163.6	168.4		
11:00 AM - 12:00 PM	163	213	164	157	189	157	169	166	195	210	249	147	160	190.8	161.4	166.3	194.7		
12:00 PM - 1:00 PM	142	252	160	158	267	154	222	177	272	236	310	128	197	249.8	158.2	165.0	250.9		
1:00 PM - 2:00 PM	185	270	176	207	277	172	286	195	317	211	314	149	210	187.0	284.0	185.0	277.7		
2:00 PM - 3:00 PM	246	355	244	217	389	247	421	282	464	198	320	130	223	400.2	247.2	223.4	363.4		
3:00 PM - 4:00 PM	237	404	227	207	402	238	387	247	464	176	321	116	238	413.4	206.9	206.9	375.1		
4:00 PM - 5:00 PM	180	434	210	195	395	223	432	215	520	168	272	111	213	204.6	443.6	186.0	386.1		
5:00 PM - 6:00 PM	159	534	190	210	516	199	486	177	537	136	265	124	195	187.0	510.2	170.7	430.1		
6:00 PM - 7:00 PM	151	443	167	247	515	193	475	212	510	150	242	93	162	194.0	481.8	173.3	401.9		
7:00 PM - 8:00 PM	110	265	119	110	347	134	317	169	331	146	165	84	163	312.6	128.4	124.6	270.1		
8:00 PM - 9:00 PM	66	139	75	111	256	91	219	110	227	81	164	74	145	90.6	203.8	86.9	189.7		
9:00 PM - 10:00 PM	33	103	32	45	119	50	149	80	156	61	124	31	83	48.0	128.0	47.4	121.0		
10:00 PM - 11:00 PM	50	50	23	14	63	20	74	39	105	31	89	13	39	68.6	23.2	22.9	67.3		
11:00 PM - Totals	1799	3590	3866	3794	4575	3900	4487	4015	4974	2486	3465	1536	2406	3843.1	4525.9	3249.8	4056.0		
Combined Split (%)	5389	66.6	8191	8369	54.7	8387	53.5	8989	55.3	5951	58.2	3942	61.0	8369.0	45.9	7305.8	55.5		
Peak Hours 12:00 AM - 1:00 AM	11:00 AM	11:00 AM	7:15 AM	6:45 AM	8:15 AM	7:30 AM	8:15 AM	7:00 AM	8:30 AM	9:45 AM	11:00 AM	10:45 AM	10:45 AM	7:00 AM	8:15 AM	7:00 AM	11:00 AM		
Volume Factor	163	213	670	630	243	668	244	638	213	218	249	150	162	637.8	237.5	439.7	194.7		
12:00 PM - 1:00 PM	2:15 PM	5:00 PM	3:30 PM	6:00 PM	5:45 PM	2:15 PM	5:30 PM	2:15 PM	5:30 PM	12:15 PM	2:30 PM	1:00 PM	3:15 PM	2:00 PM	5:30 PM	2:00 PM	5:30 PM		
Volume Factor	251	534	246	247	549	260	501	285	553	244	348	149	245	247.2	523.8	223.4	432.9		
	0.88	0.94	0.95	0.89	0.95	0.94	0.89	0.80	0.98	0.90	0.90	0.87	0.93	0.87	0.96	0.93	0.94		

Speed Grand Totals
A Tube

mph	Hourly Averages										ADT		
	0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60		60 - < 65	65 - < 70
Total	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
12:00 AM	0.3	0.6	1.0	3.4	7.1	6.3	1.6	0.7	0.3	0.3	0.0	0.0	0.0
1:00 AM	0.0	0.0	0.7	2.0	2.6	3.4	2.4	0.1	0.0	0.0	0.0	0.0	0.0
2:00 AM	0.3	0.3	0.6	1.3	2.6	3.0	1.0	0.4	0.1	0.0	0.0	0.0	0.0
3:00 AM	0.0	0.0	0.3	1.4	1.4	1.3	1.3	0.6	0.0	0.1	0.0	0.0	0.0
4:00 AM	0.0	0.0	0.1	0.6	1.1	1.3	1.1	0.4	0.0	0.0	0.0	0.0	0.0
5:00 AM	0.0	0.1	1.4	4.1	6.9	7.9	3.0	0.3	0.0	0.1	0.0	0.0	0.0
6:00 AM	1.3	0.9	3.0	6.7	12.0	10.7	4.6	0.9	0.3	0.0	0.0	0.0	0.0
7:00 AM	4.0	1.3	4.4	13.6	18.3	14.9	3.1	1.0	0.1	0.0	0.0	0.0	0.0
8:00 AM	2.9	2.6	5.1	19.4	31.9	22.1	4.4	0.9	0.1	0.0	0.0	0.0	0.0
9:00 AM	1.1	1.6	6.9	20.1	40.0	27.3	8.3	1.3	0.3	0.0	0.0	0.0	0.0
10:00 AM	0.9	1.9	4.9	17.1	36.0	28.3	9.1	1.6	0.3	0.0	0.0	0.0	0.0
11:00 AM	0.7	0.9	5.7	22.4	52.3	32.6	10.6	1.0	0.6	0.0	0.0	0.0	0.0
12:00 PM	0.6	1.0	7.9	25.0	53.1	38.7	10.4	2.1	0.1	0.0	0.0	0.0	0.0
1:00 PM	0.3	1.0	6.4	32.7	46.9	40.3	9.3	2.1	0.3	0.0	0.0	0.0	0.0
2:00 PM	3.1	1.6	9.0	32.9	55.6	38.6	7.0	3.0	0.3	0.0	0.0	0.0	0.0
3:00 PM	0.3	1.1	5.7	28.0	58.4	40.3	11.9	1.4	0.1	0.0	0.0	0.0	0.0
4:00 PM	1.0	1.1	6.7	27.6	59.0	36.4	9.4	1.4	0.1	0.1	0.0	0.0	0.0
5:00 PM	1.3	1.3	8.9	31.6	57.9	42.3	10.3	2.0	0.3	0.1	0.0	0.0	0.0
6:00 PM	1.3	1.0	8.1	31.7	52.6	36.6	10.1	1.3	0.0	0.0	0.0	0.0	0.0
7:00 PM	0.1	1.7	8.6	29.7	63.4	35.6	9.1	0.4	0.4	0.0	0.0	0.0	0.0
8:00 PM	0.7	0.9	5.1	25.0	48.9	37.0	10.0	2.0	0.1	0.0	0.0	0.0	0.0
9:00 PM	0.7	0.7	4.7	15.4	38.6	30.0	9.1	2.6	0.3	0.0	0.0	0.0	0.0
10:00 PM	0.3	0.7	2.9	9.6	22.1	20.1	8.0	1.1	0.3	0.1	0.0	0.0	0.0
11:00 PM	0.0	1.3	1.6	6.9	12.1	10.9	5.1	1.1	0.1	0.3	0.0	0.0	0.0
ADT	2105.4	23.4	109.7	409.3	780.7	565.7	160.4	29.9	4.8	1.4	0.0	0.0	0.0

Percentile Speeds
(mph)

10%	15%	50%	85%	90%
26.1	27.6	33.2	38.5	39.8

10 mph Pace Speed
Number in Pace

Average	33.0 mph
Minimum	1.4 mph
Maximum	59.9 mph

Speeds Exceeded

30 mph	40 mph	50 mph
73.3 %	9.3 %	0.3 %
10876	1387	44

Study Grand Totals

mph	Study Grand Totals												
	0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200
Total	141	166	773	2882	5501	3988	1132	211	34	10	0	0	0
A Tube	1.0%	1.1%	5.2%	19.4%	37.1%	26.9%	7.6%	1.4%	0.2%	0.1%	0.0%	0.0%	0.0%



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Chief of Police
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MEMORANDUM
Department of Police

DATE: September 23, 2013
TO: Chief Samuel Ceballos, Jr.
FROM: Sergeant Heather Setter *HSS* 1384
RE: Traffic Survey conducted on SW 83rd Ave/ SW 134th St

The results of the traffic survey conducted on the 13400-blk of SW 83rd Ave

September 16, 2013 to September 23, 2013

- The Monday thru Friday average on a one-week period was 376 vehicles daily.
- The week average on a one-week period was 355 vehicles daily.
- The weekend average was 303 vehicles daily
- On average, 58.6% of the vehicles traveled southbound and 41.4% traveled northbound on SW 83rd Ave
- The heaviest traffic (peak times) were 7:00AM and 4:50PM.
- The average daily speed on this road was 25.7mph, the minimum speed recorded was 1.3mph, and the maximum speed recorded was 59.7mph. The 85 percentile was 33.3mph.
- The speed limit at this location is 30mph.



83/134:

83/134:

83/134:

Site:

000000000000

Box C

Weekly Volume

Interval	Mon 9/16/2013		Tue 9/17/2013		Wed 9/18/2013		Thu 9/19/2013		Fri 9/20/2013		Sat 9/21/2013		Sun 9/22/2013		Mon - Fri Average		Week Average	
	northbo	southbo	northbo	southbo	northbo	southbo	northbo	southbo	northbo	southbo	northbo	southbo	northbo	southbo	northbo	southbo	northbo	southbo
12:00 AM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1.0	2.0	1.2	1.7
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	0.3	0.5	1.2
2:00 AM	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1.3	2.0	1.0	1.8
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.3	0.2	0.5
4:00 AM	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1.0	1.8	0.7	1.5
5:00 AM	9	3	3	3	3	3	3	3	3	3	3	3	3	3	3.3	1.3	2.5	1.3
6:00 AM	1	0	2	2	1	1	1	1	1	1	1	1	1	1	1.3	1.3	0.8	1.0
7:00 AM	12	4	12	4	12	4	16	4	16	4	0	0	0	14.0	5.0	9.3	4.2	
8:00 AM	16	16	17	12	12	12	16	17	22	19	5	5	5	17.8	15.8	12.8	13.3	
9:00 AM	12	11	11	11	11	11	11	11	11	11	5	5	5	11.3	12.8	9.2	12.2	
10:00 AM	5	13	8	8	8	8	8	8	8	8	13	13	13	5.1	11.1	5.4	12.3	
11:00 AM	15	14	5	13	5	5	8	8	5	8	13	16	16	8.4	11.6	8.4	12.4	
12:00 PM	5	14	7	8	7	7	8	8	8	8	8	13	18	7.0	12.8	7.0	13.6	
1:00 PM	17	14	9	10	10	10	10	10	14	18	20	19	12	12.0	14.0	12.7	14.4	
2:00 PM	11	11	8	10	8	8	10	10	15	15	10	10	10	11.6	13.4	11.1	13.4	
3:00 PM	10	11	8	8	8	8	8	8	11	11	16	16	19	9.6	16.2	10.4	17.3	
4:00 PM	11	24	8	11	6	11	14	14	11	19	8	11	7	10.0	19.2	9.3	16.9	
5:00 PM	7	17	18	9	16	17	9	9	8	13	11	11	4	9.8	16.6	9.1	15.9	
6:00 PM	12	9	13	6	24	23	6	6	16	10	7	8	8	11.8	16.8	10.6	14.0	
7:00 PM	11	17	9	10	9	17	10	10	20	21	2	4	5	11.8	17.2	9.4	15.0	
8:00 PM	6	11	10	6	10	6	6	6	5	11	7	7	9	6.2	9.0	6.7	8.1	
9:00 PM	4	10	2	7	2	7	5	5	7	7	7	9	2	4.4	8.6	4.4	8.7	
10:00 PM	7	4	4	2	4	4	2	2	4	4	3	3	4	3.8	4.2	3.7	4.3	
11:00 PM	1	1	1	1	1	1	1	1	1	1	0	0	0	1.0	3.0	0.7	3.1	
Totals	118	167	153	198	159	206	158	221	176	240	136	203	90	177	163.5	216.0	147.3	208.1
Combined Split (%)	285	41.4	351	56.4	365	56.4	379	58.3	416	57.7	40.1	59.9	267	66.3	379.5	56.9	355.4	58.6
Peak Hours	11:00 AM	11:00 AM	8:45 AM	8:00 AM	7:45 AM	9:15 AM	7:15 AM	8:30 AM	7:45 AM	8:15 AM	10:30 AM	10:30 AM	9:15 AM	11:00 AM	7:45 AM	8:00 AM	7:45 AM	8:15 AM
12:00 AM - Volume Factor	15	14	18	15	20	13	21	19	28	21	17	24	6	13	19.3	15.8	13.5	13.8
12:00 PM - Volume Factor	0.63	0.70	0.64	0.94	0.56	0.65	0.75	0.95	0.88	0.75	0.53	0.67	0.50	0.65	0.77	0.88	0.81	0.86
12:00 PM - Volume Factor	1:00 PM	3:45 PM	2:15 PM	3:30 PM	5:15 PM	5:45 PM	2:15 PM	3:30 PM	7:00 PM	12:30 PM	1:00 PM	12:30 PM	2:30 PM	3:00 PM	5:15 PM	3:30 PM	1:00 PM	3:30 PM
12:00 AM - Volume Factor	17	25	12	21	30	26	14	31	20	24	20	22	12	21	13.4	21.8	12.7	19.6
12:00 AM - Volume Factor	0.47	0.69	1.00	0.58	0.50	0.81	0.58	0.86	0.71	0.75	0.83	0.92	0.60	0.88	0.64	0.78	0.77	0.90

Speed Grand Totals
A Tube

mph	Total	Hourly Averages												
		0 - <15	15 - <20	20 - <25	25 - <30	30 - <35	35 - <40	40 - <45	45 - <50	50 - <55	55 - <60	60 - <65	65 - <70	70 - <200
12:00 AM	2.1	0.0	0.1	0.4	0.1	0.7	0.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0
1:00 AM	1.7	0.3	0.1	0.3	0.3	0.1	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0
2:00 AM	2.1	0.0	0.3	0.6	0.4	0.4	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0
3:00 AM	0.6	0.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4:00 AM	1.4	0.0	0.7	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5:00 AM	3.0	0.7	0.3	0.4	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6:00 AM	1.7	0.7	0.4	0.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7:00 AM	13.9	1.1	0.9	2.1	3.4	4.0	2.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
8:00 AM	22.7	2.0	2.4	4.0	7.3	5.3	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0
9:00 AM	17.1	1.9	2.9	3.4	3.3	3.7	1.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0
10:00 AM	13.4	1.3	2.1	2.4	4.1	1.9	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0
11:00 AM	17.0	1.9	1.6	4.0	5.3	2.9	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
12:00 PM	16.9	2.9	2.1	4.1	3.7	2.0	1.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0
1:00 PM	21.6	3.0	3.0	3.4	5.3	4.4	2.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0
2:00 PM	20.1	2.3	3.3	3.7	4.3	3.9	1.9	0.4	0.4	0.0	0.0	0.0	0.0	0.0
3:00 PM	21.3	2.4	4.4	3.9	5.3	3.0	1.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0
4:00 PM	19.0	2.0	1.7	4.0	5.7	3.4	1.4	0.4	0.1	0.0	0.0	0.0	0.0	0.0
5:00 PM	21.4	2.0	2.3	4.7	6.3	4.6	1.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
6:00 PM	18.3	2.3	2.0	3.6	5.1	3.6	1.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0
7:00 PM	20.4	1.6	2.6	3.4	7.1	3.7	1.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0
8:00 PM	14.4	1.7	2.1	2.9	3.7	2.9	0.7	0.3	0.1	0.0	0.0	0.0	0.0	0.0
9:00 PM	11.7	0.9	1.4	2.3	3.0	1.9	1.9	0.3	0.1	0.0	0.0	0.0	0.0	0.0
10:00 PM	6.7	0.6	0.9	0.7	1.7	2.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11:00 PM	3.6	0.3	0.3	0.6	1.9	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
ADT	292.2	31.7	38.4	55.4	79.1	55.4	25.4	4.5	1.9	0.1	0.3	0.0	0.0	0.0

Percentile Speeds
(mph)

10%	15%	50%	85%	90%
14.7	16.2	26.2	33.3	35.3

10 mph Pace Speed
Number in Pace

22.2 - 32.2	25.7 mph
1044 (50.7%)	1.3 mph
	59.7 mph

Speeds Exceeded

30 mph	40 mph	50 mph
30.0%	2.3%	0.1%
617	48	3

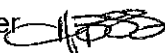
Count

mph	Study Grand Totals												
	0 - <15	15 - <20	20 - <25	25 - <30	30 - <35	35 - <40	40 - <45	45 - <50	50 - <55	55 - <60	60 - <65	65 - <70	70 - <200
Total	2059	271	390	558	390	179	32	13	1	2	0	0	0
A Tube	10.8%	13.2%	18.9%	27.1%	18.9%	8.7%	1.6%	0.6%	0.0%	0.1%	0.0%	0.0%	0.0%



Samuel Ceballos, Jr.
Chief of Police
police@pinecrest-fl.gov

MEMORANDUM
Department of Police

DATE: September 23, 2013
TO: Chief Samuel Ceballos, Jr.
FROM: Sergeant Heather Setter  1384
RE: Traffic Survey conducted on SW 84th Ave/ SW 134th St

The results of the traffic survey conducted on the 13400-blk of SW 84th Ave

September 16, 2013 to September 23, 2013

- The Monday thru Friday average on a one-week period was 1,180 vehicles daily.
- The week average on a one-week period was 1,087 vehicles daily.
- The weekend average was 856 vehicles daily
- On average, 27.7% of the vehicles traveled southbound and 72.3% traveled northbound on SW 84th Ave
- The heaviest traffic (peak times) were 10:45AM and 4:00PM.
- The average daily speed on this road was 28.2mph, the minimum speed recorded was 2.7mph, and the maximum speed recorded was 60.0mph. The 85 percentile was 34.8mph.
- The speed limit at this location is 30mph.



84/134:
84/134:
83/134:

Box A

Site:

Weekly Volume

Interval	Mon 9/16/2013		Tue 9/17/2013		Wed 9/18/2013		Thu 9/19/2013		Fri 9/20/2013		Sat 9/21/2013		Sun 9/22/2013		Mon - Fri Average		Week Average	
	northbo	southbo	northbo	southbo	northbo	southbo	northbo	southbo	northbo	southbo	northbo	southbo	northbo	southbo	northbo	southbo	northbo	southbo
12:00 AM - 1:00 AM	-	-	1	3	1	3	2	2	0	2	1	5	0	7	1.0	2.5	0.8	3.7
1:00 AM - 2:00 AM	-	-	2	1	2	0	1	1	0	0	2	4	3	6	1.3	1.3	1.5	2.5
2:00 AM - 3:00 AM	-	-	0	1	1	0	0	0	0	1	2	0	2	3	0.3	1.0	0.8	1.2
3:00 AM - 4:00 AM	-	-	1	1	1	1	2	0	1	0	2	1	0	0	1.3	0.5	1.2	0.5
4:00 AM - 5:00 AM	-	-	1	0	1	0	0	0	0	0	2	1	0	0	0.5	0.0	0.7	0.2
5:00 AM - 6:00 AM	-	-	2	2	1	0	0	0	2	2	0	2	1	0	1.3	1.0	1.0	1.0
6:00 AM - 7:00 AM	-	-	12	5	15	6	11	4	9	5	4	2	2	11.8	5.0	8.8	3.7	
7:00 AM - 8:00 AM	-	-	24	28	35	33	32	34	28	25	9	9	5	29.8	30.0	21.7	22.2	
8:00 AM - 9:00 AM	-	-	37	38	30	24	30	36	43	43	26	49	5	35.0	33.3	28.8	31.0	
9:00 AM - 10:00 AM	-	-	16	44	16	50	24	40	22	44	9	61	13	18.4	44.5	18.7	41.5	
10:00 AM - 11:00 AM	8	21	22	50	15	59	16	43	22	47	41	73	13	18.4	48.9	18.4	49.2	
11:00 AM - 12:00 PM	18	56	19	58	16	53	19	53	17	58	39	80	12	17.8	55.6	20.0	55.9	
12:00 PM - 1:00 PM	20	72	18	68	21	51	14	60	21	72	21	64	13	18.8	64.6	18.3	60.7	
1:00 PM - 2:00 PM	16	65	10	76	23	57	26	62	25	70	22	68	13	20.0	66.0	19.3	61.4	
2:00 PM - 3:00 PM	17	71	19	59	19	67	20	67	21	79	23	68	13	19.2	64.6	19.2	62.9	
3:00 PM - 4:00 PM	24	86	17	58	26	74	22	73	31	81	20	50	12	24.0	74.4	21.7	66.3	
4:00 PM - 5:00 PM	21	85	18	91	22	92	32	79	29	73	22	45	10	24.4	84.0	22.0	70.4	
5:00 PM - 6:00 PM	25	62	28	89	22	80	15	59	18	77	16	40	6	21.6	73.4	18.6	63.9	
6:00 PM - 7:00 PM	21	66	16	63	19	81	24	68	21	69	19	44	8	20.2	69.4	18.3	61.1	
7:00 PM - 8:00 PM	15	54	19	64	14	45	15	55	19	61	11	47	12	16.4	55.8	15.0	51.7	
8:00 PM - 9:00 PM	11	23	10	38	8	31	13	25	10	27	11	22	4	10.4	28.8	9.6	26.7	
9:00 PM - 10:00 PM	11	31	5	23	9	25	5	13	6	17	12	18	5	7.2	24.2	7.6	22.3	
10:00 PM - 11:00 PM	0	7	3	10	5	12	4	7	4	11	4	10	1	3.2	9.4	3.0	9.0	
Totals	210	714	303	885	325	858	328	811	355	857	340	778	146	326.4	853.7	300.2	783.3	
Combined Split (%)	924	77.3	1188	74.5	1183	72.5	1139	71.2	1212	70.7	1118	69.6	594	1180.1	72.3	1083.5	72.3	
Peak Hours 12:00 AM - 12:00 PM Volume Factor	19 0.59	59 0.87	37 0.77	61 0.90	36 0.90	61 0.85	41 0.85	53 0.78	43 0.83	62 0.86	46 0.61	80 0.91	15 0.75	40 0.77	35.3 0.95	57.6 0.96	28.8 0.85	58.3 0.96
12:00 PM - 12:00 AM Volume Factor	30 0.94	92 0.92	28 0.58	93 0.93	28 0.88	99 0.80	32 0.50	79 0.90	33 0.83	85 0.89	23 0.64	81 0.88	17 0.85	49 0.77	27.2 0.85	84.0 0.89	23.6 0.90	70.4 0.89

Speed Grand Totals
A Tube

mph	Total	Hourly Averages															
		<15	15 - <20	20 - <25	25 - <30	30 - <35	35 - <40	40 - <45	45 - <50	50 - <55	55 - <60	60 - <65	65 - <70	<70	<200		
12:00 AM	4.0	0.1	0.1	0.6	1.0	1.4	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1:00 AM	3.7	0.3	0.3	0.7	0.7	1.0	0.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2:00 AM	1.7	0.1	0.0	0.3	0.6	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3:00 AM	1.6	0.1	0.0	0.6	0.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4:00 AM	0.4	0.0	0.1	0.1	0.1	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	2.0	0.0	0.4	0.3	0.7	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6:00 AM	12.1	0.0	0.4	0.9	2.4	4.9	3.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7:00 AM	36.9	0.4	1.9	4.3	14.0	10.0	4.4	1.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8:00 AM	49.7	0.9	3.3	9.7	13.9	14.0	6.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9:00 AM	52.4	2.4	5.0	10.9	15.4	12.4	4.7	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10:00 AM	49.0	1.4	4.9	11.0	14.9	12.6	3.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11:00 AM	61.9	2.0	6.0	11.7	17.4	16.1	6.4	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12:00 PM	61.4	1.4	6.0	11.7	20.4	14.6	6.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1:00 PM	65.1	2.3	5.4	13.4	18.3	17.1	6.6	1.4	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
2:00 PM	69.6	1.6	5.9	12.0	23.4	16.0	8.1	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3:00 PM	71.4	2.9	7.3	14.0	21.1	18.3	6.3	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4:00 PM	73.4	1.3	5.1	14.7	21.9	19.9	7.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5:00 PM	68.4	1.7	3.7	10.1	23.0	18.7	8.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6:00 PM	64.9	2.1	2.7	11.1	18.9	18.4	7.9	2.9	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
7:00 PM	58.9	2.9	4.9	11.1	17.9	15.0	5.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8:00 PM	33.6	1.0	4.0	6.6	8.9	8.4	3.3	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9:00 PM	24.9	1.3	3.0	4.7	6.3	6.3	2.3	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10:00 PM	11.1	0.6	1.1	2.3	3.6	3.1	1.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11:00 PM	15.0	0.4	1.0	2.0	4.0	3.1	2.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
ADT	893.1	27.2	72.6	164.9	269.0	230.9	96.9	26.0	4.7	0.7	0.3	0.0	0.0	0.0	0.0	0.0	

Percentile Speeds
(mph)
10% 19.6 15% 21.2 50% 28.5 85% 34.8 90% 36.3

10 mph Pace Speed
Number in Pace 3557 (56.5%)
Average Minimum Maximum 28.2 mph 2.7 mph 60.0 mph

Speeds Exceeded
Count
30 mph 40.2% 2533
40 mph 3.5% 222
50 mph 0.1% 7

mph	Total	Study Grand Totals
0 - <15	192	3.0%
15 - <20	513	8.1%
20 - <25	1165	18.5%
25 - <30	1898	30.1%
30 - <35	1629	25.9%
35 - <40	682	10.8%
40 - <45	182	2.9%
45 - <50	33	0.5%
50 - <55	5	0.1%
55 - <60	2	0.0%
60 - <65	0	0.0%
65 - <70	0	0.0%
70 - <200	0	0.0%
A Tube	6301	