



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

MEMORANDUM
Department of Police

FILE
JS

DATE: February 11, 2014
TO: Chief Samuel Ceballos, Jr.
FROM: Sergeant Heather Setter ~~1388~~ 1384
RE: Traffic Survey conducted on the 11300-blk of SW 67th Ave

The results of the traffic survey conducted on the 11300-blk of SW 67th Ave were as follows (the two partial days of data, February 3rd and 11th, were not used)

February 04, 2014 to February 10, 2014

- The Monday thru Friday average on a one-week period was 12,521 vehicles daily.
- The week average on a one-week period was 11,110 vehicles daily.
- The weekend average was 7,582 vehicles daily
- On average, 49% of the vehicles traveled southbound and 51% traveled northbound on SW 60th Ave.
- The heaviest traffic (peak times) were 7:15AM and 5:15PM.
- The average daily speed on this road was 34.7mph, the minimum speed recorded was 3.8mph, and the maximum speed recorded was 60mph. The 85 percentile was 40.6mph.
- The speed limit at this location is 35mph.



67/113:
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Box A

Weekly Volume

Site:

67/113

Interval	Mon 2/3/2014		Tue 2/4/2014		Wed 2/5/2014		Thu 2/6/2014		Fri 2/7/2014		Sat 2/8/2014		Sun 2/9/2014		Mon - Fri Average		Week Average		
	north	south	north	south	north	south	north	south	north	south	north	south	north	south	north	south	north	south	
12:00 AM - 1:00 AM	-	-	9	13	4	14	19	19	17	21	51	83	64	96	14.5	19.3	28.8	42.7	
1:00 AM - 2:00 AM	-	-	3	11	5	8	2	6	6	7	17	41	45	43	5.3	16.5	13.8	25.0	
2:00 AM - 3:00 AM	-	-	3	8	6	3	2	7	7	6	11	26	19	19	4.0	9.3	7.7	13.7	
3:00 AM - 4:00 AM	-	-	4	5	6	3	2	7	5	5	9	12	9	22	4.3	5.3	5.8	9.2	
4:00 AM - 5:00 AM	-	-	17	4	10	7	16	4	15	7	10	13	8	10	14.5	5.5	12.7	7.5	
5:00 AM - 6:00 AM	-	-	75	18	72	19	71	21	70	19	15	17	23	13	72.0	19.3	54.3	17.8	
6:00 AM - 7:00 AM	-	-	337	117	323	119	329	118	314	468	84	31	49	21	325.8	116.3	239.3	86.2	
7:00 AM - 8:00 AM	-	-	828	458	820	475	818	477	763	670	168	114	88	46	807.3	474.5	580.8	343.0	
8:00 AM - 9:00 AM	-	-	757	351	739	397	763	441	670	499	304	189	133	83	732.3	350.5	561.0	279.0	
9:00 AM - 10:00 AM	-	-	505	245	504	221	502	247	499	248	333	211	208	118	502.5	240.3	425.2	215.0	
10:00 AM - 11:00 AM	-	-	349	216	344	246	325	246	359	253	375	257	237	187	344.3	240.3	331.5	234.2	
11:00 AM - 12:00 PM	273	212	244	264	328	250	296	258	366	255	354	290	288	225	312.4	247.8	316.3	250.6	
12:00 PM - 1:00 PM	256	244	294	277	316	273	309	285	337	336	336	313	263	281	302.4	273.4	301.6	280.1	
1:00 PM - 2:00 PM	268	293	293	279	347	344	319	292	295	295	334	370	273	247	304.4	311.8	304.1	310.9	
2:00 PM - 3:00 PM	385	451	375	444	433	583	394	447	343	470	322	307	221	296	386.0	479.0	353.3	428.3	
3:00 PM - 4:00 PM	454	635	451	687	439	548	530	661	507	536	254	307	219	286	476.2	613.4	407.7	522.9	
4:00 PM - 5:00 PM	407	647	393	624	373	596	446	681	337	624	220	311	200	232	391.2	634.4	339.4	530.7	
5:00 PM - 6:00 PM	322	631	351	713	330	711	374	644	330	661	263	320	261	253	347.8	628.0	323.3	566.1	
6:00 PM - 7:00 PM	291	651	288	664	288	610	329	615	330	576	268	231	194	220	307.2	623.2	285.4	509.6	
7:00 PM - 8:00 PM	152	370	183	414	127	385	190	421	215	375	200	225	132	204	179.4	393.0	175.6	342.0	
8:00 PM - 9:00 PM	109	233	78	238	103	244	119	247	152	247	148	204	118	146	112.2	241.8	118.1	222.7	
9:00 PM - 10:00 PM	64	157	105	196	85	188	98	203	137	189	107	136	71	100	97.8	186.6	95.3	167.0	
10:00 PM - 11:00 PM	38	94	41	96	36	108	51	118	103	162	80	180	46	71	53.8	115.6	56.4	118.4	
11:00 PM - 12:00 AM	20	46	29	52	22	60	29	69	76	123	82	159	25	49	35.2	70.0	40.4	79.7	
Totals	3039	4664	6077	6394	6117	6434	6338	6443	6265	6392	4345	4347	3204	3268	6132.5	6364.8	5378.0	5602.2	
Combined Split (%)	7703	60.5	12471	51.3	12551	51.3	12781	50.4	12657	50.5	8692	50.0	6472	50.5	12497.3	6364.8	10980.2	51.0	
Peak Hours																			
12:00 AM - 12:00 PM	11:00 AM	11:00 AM	7:15 AM	7:15 AM	7:00 AM	7:15 AM	7:00 AM	7:15 AM	7:15 AM	7:15 AM	9:45 AM	11:00 AM	11:00 AM	11:00 AM	7:15 AM	7:15 AM	7:15 AM	7:15 AM	7:15 AM
Volume	273	212	829	511	820	514	818	497	787	500	381	290	298	225	809.3	505.5	586.3	369.7	
Factor	0.84	0.77	0.91	0.76	0.92	0.81	0.93	0.73	0.93	0.75	0.87	0.81	0.87	0.91	0.95	0.76	0.95	0.78	
12:00 PM - 12:00 AM	3:15 PM	4:30 PM	3:15 PM	5:45 PM	2:45 PM	5:15 PM	3:15 PM	3:15 PM	3:15 PM	5:15 PM	12:15 PM	1:00 PM	12:30 PM	2:00 PM	3:15 PM	5:15 PM	3:15 PM	5:15 PM	5:15 PM
Volume	494	690	468	725	445	719	561	688	507	708	344	370	278	296	492.4	691.6	417.4	570.7	
Factor	0.84	0.90	0.86	0.92	0.88	0.90	0.87	0.92	0.81	0.92	0.97	0.92	0.89	0.86	0.87	0.96	0.90	0.95	

67/113:
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Site:

67/113

Weekly Volume

Interval	Mon 2/10/2014		Tue 2/11/2014		Wed 2/12/2014		Thu 2/13/2014		Fri 2/14/2014		Sat 2/15/2014		Sun 2/16/2014		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	10	24	6	10	2	23	-	-	-	-	-	-	-	-	-	8.0	23.5	8.0	23.5
1:00 AM	2	8	2	5	-	11	-	-	-	-	-	-	-	-	-	6.0	9.5	6.0	9.5
2:00 AM	4	5	2	4	-	2	-	-	-	-	-	-	-	-	-	3.0	3.5	3.0	3.5
3:00 AM	2	4	5	5	-	2	-	-	-	-	-	-	-	-	-	3.5	3.5	3.5	3.5
4:00 AM	20	20	16	16	-	5	-	-	-	-	-	-	-	-	-	18.0	12.5	18.0	12.5
5:00 AM	69	17	74	74	-	30	-	-	-	-	-	-	-	-	-	71.5	23.5	71.5	23.5
6:00 AM	311	127	333	333	-	140	-	-	-	-	-	-	-	-	-	322.0	133.5	322.0	133.5
7:00 AM	846	458	829	473	-	473	-	-	-	-	-	-	-	-	-	837.5	465.5	837.5	465.5
8:00 AM	739	335	761	355	-	355	-	-	-	-	-	-	-	-	-	750.0	345.0	750.0	345.0
9:00 AM	467	277	480	241	-	241	-	-	-	-	-	-	-	-	-	473.5	259.0	473.5	259.0
10:00 AM	358	209	370	210	-	210	-	-	-	-	-	-	-	-	-	364.0	209.5	364.0	209.5
11:00 AM	319	265	278	244	-	244	-	-	-	-	-	-	-	-	-	298.5	254.5	298.5	254.5
12:00 PM	267	258	145	95	-	95	-	-	-	-	-	-	-	-	-	274.7	235.3	274.7	235.3
1:00 PM	287	271	-	-	-	-	-	-	-	-	-	-	-	-	-	287.0	271.0	287.0	271.0
2:00 PM	346	456	-	-	-	-	-	-	-	-	-	-	-	-	-	346.0	456.0	346.0	456.0
3:00 PM	460	640	-	-	-	-	-	-	-	-	-	-	-	-	-	460.0	640.0	460.0	640.0
4:00 PM	364	612	-	-	-	-	-	-	-	-	-	-	-	-	-	364.0	612.0	364.0	612.0
5:00 PM	354	659	-	-	-	-	-	-	-	-	-	-	-	-	-	354.0	659.0	354.0	659.0
6:00 PM	288	621	-	-	-	-	-	-	-	-	-	-	-	-	-	288.0	621.0	288.0	621.0
7:00 PM	170	430	-	-	-	-	-	-	-	-	-	-	-	-	-	170.0	430.0	170.0	430.0
8:00 PM	97	263	-	-	-	-	-	-	-	-	-	-	-	-	-	97.0	263.0	97.0	263.0
9:00 PM	57	158	-	-	-	-	-	-	-	-	-	-	-	-	-	57.0	158.0	57.0	158.0
10:00 PM	38	89	-	-	-	-	-	-	-	-	-	-	-	-	-	38.0	89.0	38.0	89.0
11:00 PM	20	46	-	-	-	-	-	-	-	-	-	-	-	-	-	20.0	46.0	20.0	46.0
Totals	5895	6252	3309	1832	-	-	-	-	-	-	-	-	-	-	-	5911.2	6223.3	5911.2	6223.3
Combined Split (%)	48.5	51.5	64.4	35.6	-	-	-	-	-	-	-	-	-	-	-	12134.5	51.3	12134.5	51.3
Peak Hours																			
12:00 AM - 12:00 PM	7:00 AM	7:15 AM	7:00 AM	7:15 AM	-	-	-	-	-	-	-	-	-	-	-	7:00 AM	7:15 AM	7:00 AM	7:15 AM
Volume	846	461	829	482	-	-	-	-	-	-	-	-	-	-	-	837.5	471.5	837.5	471.5
Factor	0.91	0.78	0.94	0.73	-	-	-	-	-	-	-	-	-	-	-	0.92	0.75	0.92	0.75
12:00 PM - 12:00 AM	2:45 PM	4:45 PM	-	-	-	-	-	-	-	-	-	-	-	-	-	2:45 PM	4:45 PM	2:45 PM	4:45 PM
Volume	478	669	-	-	-	-	-	-	-	-	-	-	-	-	-	478.0	669.0	478.0	669.0
Factor	0.86	0.98	-	-	-	-	-	-	-	-	-	-	-	-	-	0.86	0.98	0.86	0.98

Box A

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	42.0	0.0	0.0	1.3	3.4	9.1	15.9	8.3	2.9	1.1	0.1	0.0	0.0	0.0			
1:00 AM	28.4	0.1	0.4	0.3	1.8	5.4	11.1	6.9	1.9	0.4	0.3	0.0	0.0	0.0			
2:00 AM	15.8	0.0	0.0	0.0	0.0	3.1	5.6	3.0	1.5	0.1	0.1	0.0	0.0	0.0			
3:00 AM	12.0	0.0	0.0	0.1	0.6	2.4	4.9	2.8	0.9	0.1	0.3	0.0	0.0	0.0			
4:00 AM	20.0	0.0	0.0	0.3	1.6	5.3	6.0	3.8	2.1	0.6	0.4	0.0	0.0	0.0			
5:00 AM	54.6	0.0	0.0	2.5	5.6	10.8	18.4	11.8	3.9	1.3	0.5	0.0	0.0	0.0			
6:00 AM	95.0	0.3	0.6	3.4	12.0	21.9	33.5	17.1	5.4	0.8	0.1	0.0	0.0	0.0			
7:00 AM	64.4	2.9	1.8	3.4	11.9	18.5	16.6	6.9	2.0	0.5	0.0	0.0	0.0	0.0			
8:00 AM	74.5	3.9	1.8	6.0	15.1	21.1	17.3	7.0	1.8	0.5	0.1	0.0	0.0	0.0			
9:00 AM	105.1	1.5	1.0	5.0	15.6	32.5	34.9	11.9	2.5	0.3	0.0	0.0	0.0	0.0			
10:00 AM	115.0	1.1	1.3	7.4	18.1	36.3	34.4	12.5	3.4	0.5	0.1	0.0	0.0	0.0			
11:00 AM	111.9	1.2	1.6	6.9	16.6	38.3	32.1	12.6	2.6	0.2	0.0	0.0	0.0	0.0			
12:00 PM	100.3	1.3	1.7	3.0	14.9	32.7	32.9	10.6	2.7	0.6	0.1	0.0	0.0	0.0			
1:00 PM	111.9	1.0	1.6	5.4	17.5	36.9	33.8	12.5	3.3	0.0	0.0	0.0	0.0	0.0			
2:00 PM	94.1	0.6	1.9	5.0	15.0	29.6	31.4	8.4	1.9	0.3	0.1	0.0	0.0	0.0			
3:00 PM	73.5	0.4	1.9	4.1	13.4	26.6	19.1	6.4	1.5	0.1	0.0	0.0	0.0	0.0			
4:00 PM	84.4	0.5	0.3	2.4	13.0	29.0	28.4	8.8	1.8	0.4	0.0	0.0	0.0	0.0			
5:00 PM	86.6	0.3	0.4	3.4	10.4	34.0	26.4	9.1	1.8	0.8	0.3	0.0	0.0	0.0			
6:00 PM	92.5	0.5	0.5	2.9	14.5	33.8	28.8	10.0	1.1	0.5	0.0	0.0	0.0	0.0			
7:00 PM	115.0	0.8	0.4	2.9	17.5	39.8	37.4	12.9	3.0	0.5	0.0	0.0	0.0	0.0			
8:00 PM	122.8	0.4	0.4	2.6	14.4	38.8	44.0	17.6	3.5	0.6	0.5	0.0	0.0	0.0			
9:00 PM	112.8	0.1	0.6	1.8	10.5	31.5	42.6	20.1	5.3	0.3	0.0	0.0	0.0	0.0			
10:00 PM	88.1	0.1	0.3	1.5	8.3	24.9	31.3	15.1	4.8	1.5	0.5	0.0	0.0	0.0			
11:00 PM	69.1	0.1	0.6	1.4	5.3	17.6	24.6	13.8	4.4	1.0	0.4	0.0	0.0	0.0			
ADT	1889.7	17.1	18.7	72.6	258.7	579.6	611.1	249.5	65.5	13.0	3.9	0.0	0.0	0.0			

Percentile Speeds
(mph)

10%	27.2
15%	28.8
50%	35.0
85%	40.6
90%	42.0

10 mph Pace Speed
Number In Pace

30.1 - 40.1
9681 (63.2 %)

Average 34.7 mph
Minimum 3.8 mph
Maximum 60.0 mph

Speeds Exceeded

35 mph	49.8 %
45 mph	4.3 %
55 mph	0.2 %

Count: 7638, 665, 31

Study Grand Totals

mph	Total	< 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
A Tube	15330	139	153	591	2101	4708	4954	2019	529	105	31	0	0	0
		0.9%	1.0%	3.9%	13.7%	30.7%	32.3%	13.2%	3.5%	0.7%	0.2%	0.0%	0.0%	0.0%