



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

MEMORANDUM  
Department of Police

**FILE**

DATE: May 30, 2013  
TO: Chief Samuel Ceballos, Jr.  
FROM: Sergeant Heather Setter *HSS* 1384  
RE: Traffic Survey conducted on SW 111<sup>th</sup> St west of SW 57<sup>th</sup> Ave

The results of the traffic survey conducted on SW 111<sup>th</sup> St west of SW 57<sup>th</sup> Ave revealed the following information:

May 16, 2013 to May 23, 2013

- The Monday thru Friday average on a one-week period was 3,964 vehicles daily.
- The week average on a one-week period was 3,651 vehicles daily.
- The weekend average was 2,871 vehicles daily
- On average, 47.8% of the vehicles traveled eastbound and 52.2% traveled westbound on SW 111<sup>th</sup> St.
- The heaviest traffic (peak times) was 7:45AM and 3:15PM.
- The average daily speed on this road was 31.7MPH, the minimum speed recorded was 3.0MPH, and the maximum speed recorded was 59.7MPH. The 85 percentile was 37.6 MPH.
- The speed limit at this location is 35 MPH.



5700-bik SW 1st  
 5700-bik SW 1:  
 5700-bik SW 1:

Site: 000000000000

Weekly Volume

Interval	Mon 5/20/2013		Tue 5/21/2013		Wed 5/22/2013		Thu 5/23/2013		Fri 5/24/2013		Sat 5/25/2013		Sun 5/26/2013		Mon - Fri Average		Week Average	
	eastbound	westbound	eastbound	westbound	eastbound	westbound												
12:00 AM	4	9	4	10	11	11	14	14	-	-	-	-	-	-	8.3	16.0	8.3	16.0
1:00 AM	0	6	2	3	3	3	5	5	-	-	-	-	-	-	2.5	8.8	2.5	8.8
2:00 AM	3	1	1	2	2	2	5	5	-	-	-	-	-	-	2.8	3.8	2.8	3.8
3:00 AM	1	1	1	0	2	0	3	3	-	-	-	-	-	-	1.8	1.5	1.8	1.5
4:00 AM	1	0	1	3	2	2	3	3	-	-	-	-	-	-	1.8	1.5	1.8	1.5
5:00 AM	4	2	4	4	7	2	6	6	-	-	-	-	-	-	5.3	5.0	5.3	5.0
6:00 AM	30	16	31	14	28	17	31	19	-	-	-	-	-	-	30.0	16.5	30.0	16.5
7:00 AM	155	65	149	56	145	88	157	79	-	-	-	-	-	-	151.5	72.5	151.5	72.5
8:00 AM	233	157	265	163	274	171	261	142	-	-	-	-	-	-	258.3	158.3	258.3	158.3
9:00 AM	113	90	133	73	139	102	129	103	-	-	-	-	-	-	128.5	92.0	128.5	92.0
10:00 AM	100	84	124	96	110	86	103	83	-	-	-	-	-	-	109.3	87.3	109.3	87.3
11:00 AM	83	86	120	75	110	87	27	8	-	-	-	-	-	-	104.6	78.8	104.6	78.8
12:00 PM	95	94	111	111	76	114	-	-	-	-	-	-	-	-	94.0	106.3	94.0	106.3
1:00 PM	99	98	95	122	135	133	-	-	-	-	-	-	-	-	109.7	117.7	109.7	117.7
2:00 PM	130	173	139	152	141	193	-	-	-	-	-	-	-	-	136.7	172.7	136.7	172.7
3:00 PM	113	257	139	266	106	192	-	-	-	-	-	-	-	-	119.3	238.3	119.3	238.3
4:00 PM	82	204	119	215	81	203	-	-	-	-	-	-	-	-	94.0	207.7	94.0	207.7
5:00 PM	76	235	119	238	87	230	-	-	-	-	-	-	-	-	94.0	234.3	94.0	234.3
6:00 PM	77	192	99	201	80	183	-	-	-	-	-	-	-	-	85.3	192.0	85.3	192.0
7:00 PM	63	90	89	134	70	112	-	-	-	-	-	-	-	-	74.0	112.0	74.0	112.0
8:00 PM	54	56	68	80	43	73	-	-	-	-	-	-	-	-	55.0	69.7	55.0	69.7
9:00 PM	21	46	41	62	37	38	-	-	-	-	-	-	-	-	33.0	48.7	33.0	48.7
10:00 PM	5	26	10	43	15	37	-	-	-	-	-	-	-	-	10.0	35.3	10.0	35.3
11:00 PM	8	14	18	29	9	18	-	-	-	-	-	-	-	-	11.7	20.3	11.7	20.3
Totals	1550	2002	1882	2155	1713	2105	744	511	-	-	-	-	-	-	1721.0	2096.8	1721.0	2096.8
Combined Split (%)	43.6	56.4	46.6	53.4	44.9	55.1	59.3	40.7	-	-	-	-	-	-	3817.8	54.9	3817.8	54.9
Peak Hours																		
12:00 AM - 12:00 PM	7:45 AM	8:00 AM	8:00 AM	8:00 AM	8:00 AM	8:00 AM	7:45 AM	8:15 AM	-	-	-	-	-	-	7:45 AM	8:00 AM	7:45 AM	8:00 AM
Volume	256	157	265	163	274	171	271	146	-	-	-	-	-	-	264.3	158.3	264.3	158.3
Factor	0.75	0.82	0.75	0.74	0.73	0.79	0.76	0.85	-	-	-	-	-	-	0.74	0.83	0.74	0.83
12:00 PM - 12:00 AM	2:30 PM	3:15 PM	2:45 PM	3:15 PM	1:30 PM	4:45 PM	-	-	-	-	-	-	-	-	2:00 PM	3:15 PM	2:00 PM	3:15 PM
Volume	138	261	149	270	161	234	-	-	-	-	-	-	-	-	136.7	244.3	136.7	244.3
Factor	0.93	0.78	0.87	0.66	0.82	0.90	-	-	-	-	-	-	-	-	0.84	0.81	0.84	0.81

Box C

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	25.3	0.6	0.3	1.1	4.6	8.6	7.7	2.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
1:00 AM	12.4	0.0	0.1	0.1	1.7	5.1	3.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2:00 AM	6.6	0.0	0.0	0.6	1.6	2.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3:00 AM	5.3	0.0	0.0	0.6	0.9	2.0	1.1	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4:00 AM	4.3	0.0	0.4	0.4	0.6	1.1	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5:00 AM	10.6	0.6	0.6	0.3	2.6	3.0	2.9	0.6	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	
6:00 AM	35.1	0.4	2.1	4.6	9.4	10.6	6.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7:00 AM	99.6	1.6	2.3	7.7	22.7	30.6	25.3	7.7	1.1	0.1	0.4	0.0	0.0	0.0	0.0	0.0	
8:00 AM	125.3	1.9	2.7	8.6	27.4	47.7	29.0	6.3	1.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
9:00 AM	101.3	2.9	2.9	9.9	24.0	36.9	20.1	3.8	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
10:00 AM	115.8	1.5	4.6	15.1	29.3	38.4	20.1	5.3	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	
11:00 AM	104.5	1.5	4.5	13.1	25.3	33.4	20.0	5.6	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
12:00 PM	122.3	0.7	3.6	14.7	28.9	38.7	24.9	6.1	1.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	
1:00 PM	124.3	2.0	4.4	12.1	31.0	42.9	24.0	6.7	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	
2:00 PM	138.1	0.9	3.7	14.7	37.9	46.7	26.7	6.1	1.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
3:00 PM	131.6	0.9	3.1	11.9	39.7	47.4	30.0	3.9	0.9	0.0	0.1	0.0	0.0	0.0	0.0	0.0	
4:00 PM	135.4	1.0	1.7	11.0	33.4	47.4	32.6	7.0	0.9	0.1	0.3	0.0	0.0	0.0	0.0	0.0	
5:00 PM	140.1	0.1	3.9	8.9	32.4	55.1	30.7	7.4	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	
6:00 PM	128.7	0.4	3.0	5.7	27.9	48.9	32.7	8.9	0.9	0.3	0.1	0.0	0.0	0.0	0.0	0.0	
7:00 PM	111.0	1.0	1.0	6.4	24.9	40.1	27.3	8.6	1.1	0.1	0.4	0.0	0.0	0.0	0.0	0.0	
8:00 PM	91.9	0.1	0.9	7.3	25.6	33.4	18.3	5.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9:00 PM	64.1	0.6	1.6	5.3	15.4	24.1	12.7	3.6	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
10:00 PM	41.7	0.1	0.0	2.0	7.7	17.1	12.4	2.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11:00 PM	37.9	0.1	0.3	2.0	8.1	14.3	8.9	3.7	0.9	0.0	0.1	0.0	0.0	0.0	0.0	0.0	
ADT	1913.1	18.9	47.7	164.1	456.8	675.3	421.0	107.9	15.6	3.2	2.6	0.0	0.0	0.0	0.0	0.0	

Percentile Speeds (mph)  
 10% 24.0  
 15% 25.8  
 50% 32.1  
 85% 37.6  
 90% 38.5

10 mph Pace Speed Number in Pace  
 27.1 - 37.1  
 9051 (66.0%)  
 Average Minimum Maximum  
 31.7 mph  
 3.0 mph  
 59.7 mph

Speeds Exceeded  
 35 mph 28.7%  
 45 mph 1.1%  
 55 mph 0.1%  
 Count 3930 153 18

mph	Total	Study Grand Totals
< 15	138	1.0%
15 - < 20	346	2.5%
20 - < 25	1187	8.7%
25 - < 30	3276	23.9%
30 - < 35	4836	35.3%
35 - < 40	3007	21.9%
40 - < 45	770	5.6%
45 - < 50	112	0.8%
50 - < 55	23	0.2%
55 - < 60	18	0.1%
60 - < 65	0	0.0%
65 - < 70	0	0.0%
70 - < 200	0	0.0%
A Tube	13713	