



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

MEMORANDUM
Department of Police

DATE: April 19, 2013
TO: Chief Samuel Ceballos, Jr.
FROM: Sergeant Heather Setter ~~1388~~ 1384
RE: Traffic Survey SW 71st Ave/ SW 126th St

The results of the Traffic Survey at SW 71st Ave and SW 126th St revealed the following information:

April 10th, 2013 to April 19th, 2013

- The Monday thru Friday average on a one-week period was 1006 vehicles daily.
- The week average on a one-week period was 939 vehicles daily.
- The weekend average was 741 vehicles daily
- On average, 54.1% of the vehicles traveled northbound and 45.9% traveled southbound on SW 71st Ave.
- The heaviest traffic (peak times) was 7:00AM and 4:00PM.
- The average daily speed on this road was 25.2MPH, the minimum speed recorded was 1.5MPH, and the maximum speed recorded was 57.0MPH. The 85 percentile was 34.2 MPH.
- The speed limit at this location is 30 MPH.



Box B

Site:

71av/126st:
71av/126st:
71av/126st:

Weekly Volume

Interval	Mon 4/8/2013		Tue 4/9/2013		Wed 4/10/2013		Thu 4/11/2013		Fri 4/12/2013		Sat 4/13/2013		Sun 4/14/2013		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	-	-	-	-	-	-	4	2	1	0	8	6	6	9	2.5	1.0	4.8	4.3
1:00 AM	-	-	-	-	-	-	3	1	2	3	5	4	4	7	2.5	2.0	4.5	3.8
2:00 AM	-	-	-	-	-	-	2	1	2	0	0	0	0	4	2.0	0.5	2.0	1.0
3:00 AM	-	-	-	-	-	-	0	0	0	2	2	0	2	1	0.0	1.0	0.8	1.0
4:00 AM	-	-	-	-	-	-	0	1	0	2	0	2	0	0	0.0	1.5	0.0	1.3
5:00 AM	-	-	-	-	-	-	1	4	2	4	0	0	0	0	1.5	4.0	0.8	2.0
6:00 AM	-	-	-	-	-	-	6	30	4	28	1	3	0	2	5.0	29.0	2.8	15.8
7:00 AM	-	-	-	-	-	-	22	158	13	154	5	14	4	19	17.5	156.0	11.0	86.3
8:00 AM	-	-	-	-	-	-	38	78	25	67	11	31	2	10	31.5	72.5	19.0	46.5
9:00 AM	-	-	-	-	-	-	22	55	20	48	7	29	7	34	21.0	51.5	14.0	41.5
10:00 AM	-	-	-	-	-	-	18	38	21	39	18	37	20	19	19.5	38.5	19.3	33.3
11:00 AM	-	-	-	-	-	-	24	33	27	36	35	47	19	42	25.5	34.5	26.3	39.5
12:00 PM	-	-	-	-	-	-	25	30	30	36	36	42	27	32	27.5	33.0	29.5	35.0
1:00 PM	-	-	-	-	-	-	17	30	21	24	28	32	14	26	19.0	27.0	20.0	28.0
2:00 PM	-	-	-	-	-	-	52	38	38	52	29	32	32	28	45.0	45.0	37.8	37.5
3:00 PM	-	-	-	-	-	-	49	48	45	50	19	33	16	19	47.0	49.0	32.3	37.5
4:00 PM	-	-	-	-	-	-	45	47	35	35	34	24	15	18	40.0	41.0	32.3	31.0
5:00 PM	-	-	-	-	-	-	55	33	48	27	30	44	15	32	51.5	30.0	37.0	34.0
6:00 PM	-	-	-	-	-	-	53	50	45	44	12	50	13	24	49.0	47.0	30.8	42.0
7:00 PM	-	-	-	-	-	-	36	32	28	28	17	23	14	21	32.4	28.0	25.3	25.5
8:00 PM	-	-	-	-	-	-	17	16	13	14	16	14	17	19	25.0	14.3	21.6	15.2
9:00 PM	-	-	-	-	-	-	21	24	13	9	14	12	10	17	16.0	13.3	14.4	13.8
10:00 PM	-	-	-	-	-	-	9	2	17	12	14	7	4	2	14.0	5.3	12.0	5.0
11:00 PM	-	-	-	-	-	-	5	4	5	4	14	6	3	0	5.3	3.3	6.6	3.2
Totals	-	-	-	-	-	-	533	752	474	718	355	492	251	385	500.2	728.3	404.4	583.7
Combined Split (%)	-	-	-	-	-	-	1285	58.5	1192	60.2	847	58.1	636	60.5	1228.5	59.3	988.0	59.1
Peak Hours	-	-	-	-	-	-	8:00 AM	7:00 AM	8:15 AM	7:00 AM	11:00 AM	10:30 AM	10:30 AM	11:00 AM	7:45 AM	7:00 AM	11:00 AM	7:00 AM
12:00 AM - Volume Factor	-	-	-	-	-	-	38	158	29	154	35	48	23	42	32.0	156.0	26.3	86.3
12:00 PM - Volume Factor	-	-	-	-	-	-	0.73	0.65	0.60	0.64	0.88	0.75	0.72	0.58	0.76	0.64	0.85	0.64
12:00 PM - Volume Factor	-	-	-	-	-	-	6:15 PM	3:45 PM	4:45 PM	3:30 PM	4:30 PM	5:30 PM	2:00 PM	2:15 PM	4:45 PM	3:30 PM	2:15 PM	5:45 PM
12:00 AM - Volume Factor	-	-	-	-	-	-	26	22	48	55	37	54	32	34	54.0	53.5	39.5	42.8
12:00 AM - Volume Factor	-	-	-	-	-	-	0.54	0.78	0.80	0.86	0.71	0.84	0.67	0.77	0.77	0.92	0.90	0.93

Site:

Weekly Volume

71av/126st:
71av/126st:
71av/126st:

Interval Begin	Mon 4/15/2013		Tue 4/16/2013		Wed 4/17/2013		Thu 4/18/2013		Fri 4/19/2013		Sat 4/20/2013		Sun 4/21/2013		Mon - Fri Average		Week Average	
	Northbou	Southbo	Northbou	Southbo	Northbou	Southbo	Northbou	Southbo	Northbou	Southbo	Northbou	Southbo	Northbou	Southbo	Northbou	Southbo	Northbou	Southbo
12:00 AM	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0.6	0.4	0.6	0.4
1:00 AM	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0.8	0.2	0.8	0.2
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.8	0.0	0.8
3:00 AM	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0.0	1.0	0.0	1.0
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.4	0.0	0.4
5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	2.6	0.0	2.6
6:00 AM	3	34	1	32	4	33	3	25	2	23	2	23	2	2.6	29.4	2.6	29.4	
7:00 AM	11	160	8	175	6	146	6	131	4	140	6	66	6	7.0	150.4	7.0	150.4	
8:00 AM	26	79	30	52	15	74	12	68	7	66	12	50	12	18.0	67.8	18.0	67.8	
9:00 AM	17	34	13	45	11	44	7	23	7	7	7	23	7	12.0	43.3	12.0	43.3	
10:00 AM	15	31	13	25	11	38	13	23	6	6	13	41	13	13.0	29.3	13.0	29.3	
11:00 AM	9	27	18	39	16	33	6	41	6	6	13	23	6	12.3	35.0	12.3	35.0	
12:00 PM	11	15	25	24	8	26	13	23	2	2	13	23	13	14.3	22.0	14.3	22.0	
1:00 PM	8	23	15	36	5	29	10	17	10	17	10	17	10	9.5	26.3	9.5	26.3	
2:00 PM	16	40	24	38	21	34	13	24	13	24	13	24	13	18.5	34.0	18.5	34.0	
3:00 PM	22	30	30	42	10	34	11	32	11	32	11	32	11	14.0	34.5	14.0	34.5	
4:00 PM	17	44	20	90	9	42	9	39	9	39	9	39	9	13.8	53.8	13.8	53.8	
5:00 PM	43	26	26	73	9	26	12	38	12	38	12	38	12	22.5	40.8	22.5	40.8	
6:00 PM	37	29	19	60	9	23	9	19	9	19	9	19	9	18.5	32.8	18.5	32.8	
7:00 PM	30	31	18	36	7	22	6	25	6	25	6	25	6	15.3	28.5	15.3	28.5	
8:00 PM	11	18	5	20	7	27	7	13	7	13	7	13	7	7.5	19.5	7.5	19.5	
9:00 PM	8	7	8	3	5	8	5	10	5	10	5	10	5	6.5	7.0	6.5	7.0	
10:00 PM	4	5	8	10	3	8	2	3	2	3	2	3	2	4.3	6.5	4.3	6.5	
11:00 PM	3	3	2	1	2	2	1	1	1	1	1	1	1	2.3	1.8	2.3	1.8	
Totals	296	646	269	805	158	656	145	585	13	232	145	585	13	232	213.0	667.8	213.0	667.8
Combined Split (%)	942	68.6	1074	75.0	814	80.6	730	80.1	245	94.7	730	80.1	245	94.7	880.8	75.8	880.8	75.8
Peak Hours																		
12:00 AM -	8:00 AM	7:00 AM	8:00 AM	7:00 AM	11:00 AM	7:15 AM	9:45 AM	7:00 AM	7:45 AM	7:00 AM	7:00 AM	7:00 AM	7:45 AM	7:00 AM	8:00 AM	7:00 AM	8:00 AM	7:00 AM
Volume	26	160	30	175	16	147	14	131	8	140	14	131	8	140	18.0	150.4	18.0	150.4
Factor	0.72	0.56	0.63	0.72	0.57	0.69	0.70	0.58	0.67	0.74	0.70	0.58	0.67	0.74	0.94	0.65	0.94	0.65
12:00 PM -	5:00 PM	4:00 PM	2:30 PM	4:00 PM	2:00 PM	3:15 PM	12:00 PM	4:30 PM	5:00 PM	4:00 PM	4:30 PM	4:30 PM	5:00 PM	4:00 PM	5:00 PM	4:00 PM	5:00 PM	4:00 PM
Volume	43	44	28	90	21	46	13	42	22.5	53.8	22.5	53.8	22.5	53.8	22.5	53.8	22.5	53.8
Factor	0.83	0.65	0.64	0.75	0.66	0.68	0.54	0.70	0.80	0.74	0.80	0.74	0.80	0.74	0.80	0.74	0.80	0.74

71av/126st:
71av/126st:
71av/126st:

Site:
Wednesday, 4/10/2013, 7:22:49 PM -
Friday, 4/19/2013, 8:57:16 AM

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	70 - <200
Total	1.6	0.1	0.4	0.4	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	360.2
12:00 AM	1.1	0.1	0.3	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1:00 AM	0.4	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2:00 AM	0.4	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3:00 AM	0.3	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4:00 AM	0.3	0.0	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	0.9	0.2	0.0	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6:00 AM	10.8	2.4	1.4	1.4	2.8	1.8	0.1	0.4	0.1	0.0	0.0	0.0	0.0	
7:00 AM	58.3	5.2	1.7	3.2	12.6	10.0	1.2	0.7	0.1	0.0	0.0	0.0	0.0	
8:00 AM	30.4	4.7	1.9	3.2	9.9	3.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	
9:00 AM	20.3	4.1	1.3	2.4	4.8	1.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	
10:00 AM	16.3	2.6	2.0	1.6	4.4	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	
11:00 AM	19.4	4.6	2.6	2.1	3.5	1.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
12:00 PM	17.0	4.5	2.6	1.9	3.3	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	
1:00 PM	16.4	4.0	2.5	2.6	2.8	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
2:00 PM	21.9	4.8	3.5	2.3	3.9	2.3	0.5	0.3	0.1	0.0	0.0	0.0	0.0	
3:00 PM	21.1	4.0	4.0	1.8	4.1	2.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	
4:00 PM	27.6	6.1	3.0	3.4	4.4	2.6	0.5	0.1	0.1	0.0	0.0	0.0	0.0	
5:00 PM	24.8	7.4	3.9	3.5	4.3	1.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	
6:00 PM	24.6	4.3	4.1	4.3	4.4	1.8	0.0	0.0	0.1	0.0	0.0	0.0	0.0	
7:00 PM	16.7	4.6	2.8	1.7	4.0	2.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	
8:00 PM	13.3	4.1	2.3	1.7	2.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
9:00 PM	8.6	2.0	1.7	1.1	1.4	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
10:00 PM	5.7	1.1	1.3	0.7	0.7	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	
11:00 PM	2.6	0.6	0.4	0.3	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
ADT	71.5	42.2	40.0	79.6	85.0	33.4	6.0	1.7	0.6	0.2	0.0	0.0	0.0	

Percentile Speeds
(mph) 10% 15% 50% 85% 90%
12.4 13.8 26.8 34.2 35.6

10 mph Pace Speed
Number in Pace 24.9 - 34.9
1400 (46.2%)
Average Minimum Maximum
25.2 mph
1.5 mph
57.0 mph

Speeds Exceeded
Count 30 mph 35.7% 1083
40 mph 2.4% 73
50 mph 0.2% 7

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	597	350	334	669	725	285	51	15	5	2	0	0	0
A Tube	3033	19.7%	11.5%	11.0%	22.1%	23.9%	9.4%	1.7%	0.5%	0.2%	0.1%	0.0%	0.0%