




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

MEMORANDUM
Department of Police

DATE: September 12, 2013
TO: Chief Samuel Ceballos, Jr.
FROM: Sergeant Heather Setter 
RE: Traffic Survey conducted on SW 60th Ave-just north of SW 116th St

The results of the traffic survey conducted on SW 60th Ave just north of SW 116th St were as follows:

September 5, 2013 to September 12, 2013

- The Monday thru Friday average on a one-week period was 1,516 vehicles daily.
- The week average on a one-week period was 1,255 vehicles daily.
- The weekend average was 604 vehicles daily
- On average, 54.1% of the vehicles traveled southbound and 45.9% traveled northbound on SW 60th Ave.
- The heaviest traffic (peak times) were 7:30AM and 3:00PM.
- The average daily speed on this road was 30.4mph, the minimum speed recorded was 2.5mph, and the maximum speed recorded was 56.8mph. The 85 percentile was 36.0mph.
- The speed limit at this location is 30mph.



60/116:
60/116:
60/116:

Box B

Site:

Weekly Volume

Interval	Mon 9/2/2013		Tue 9/3/2013		Wed 9/4/2013		Thu 9/5/2013		Fri 9/6/2013		Sat 9/7/2013		Sun 9/8/2013		Mon - Fri Average		Week Average		
	southbou	northbo	southbou	northbo	southbou	northbo	southbou	northbo	southbou	northbo	southbou	northbo	southbou	northbo	southbou	northbo	southbou	northbo	
12:00 AM	-	-	-	-	-	-	-	-	3	4	3	4	10	8	3.0	4.0	5.3	5.3	
1:00 AM	-	-	-	-	-	-	-	1	1	0	3	3	4	3	1.0	0.0	3.3	2.0	
2:00 AM	-	-	-	-	-	-	-	1	3	0	0	1	0	0	1.0	3.0	1.0	1.0	
3:00 AM	-	-	-	-	-	-	-	1	0	0	2	0	0	1	0.0	0.0	1.0	0.7	
4:00 AM	-	-	-	-	-	-	-	2	1	1	0	0	2	0	2.0	1.0	1.3	0.3	
5:00 AM	-	-	-	-	-	-	-	0	0	1	2	0	0	0	0.0	1.0	0.7	2.0	
6:00 AM	-	-	-	-	-	-	-	7	13	13	4	8	2	1	7.0	13.0	4.3	7.3	
7:00 AM	-	-	-	-	-	-	-	101	144	101	6	9	1	6	101.0	144.0	36.0	53.0	
8:00 AM	-	-	-	-	-	-	-	53	132	53	10	23	3	8	53.0	132.0	22.0	54.3	
9:00 AM	-	-	-	-	-	-	-	26	40	26	9	17	13	18	26.0	40.0	16.0	25.0	
10:00 AM	-	-	-	-	-	-	8	38	25	38	22	24	22	22	30.4	36.8	25.2	28.3	
11:00 AM	-	-	-	-	-	-	31	28	23	26	28	29	24	17	25.5	28.5	25.8	25.8	
12:00 PM	-	-	-	-	-	-	14	20	31	24	24	15	31	21	25.5	19.0	26.5	18.5	
1:00 PM	-	-	-	-	-	-	26	28	30	28	27	14	30	18	28.0	28.0	28.3	22.0	
2:00 PM	-	-	-	-	-	-	38	24	51	32	24	18	21	20	44.5	28.0	33.5	23.5	
3:00 PM	-	-	-	-	-	-	26	43	26	49	21	21	21	23	83.0	37.5	52.0	29.8	
4:00 PM	-	-	-	-	-	-	66	44	74	42	23	22	24	15	70.0	43.0	46.8	30.8	
5:00 PM	-	-	-	-	-	-	74	39	96	36	32	23	17	21	85.0	37.5	54.8	29.8	
6:00 PM	-	-	-	-	-	-	54	28	72	39	22	30	19	16	63.0	33.5	41.8	28.3	
7:00 PM	-	-	-	-	-	-	35	15	41	17	19	17	17	12	38.0	16.0	28.0	15.3	
8:00 PM	-	-	-	-	-	-	30	13	25	13	11	19	12	12	27.5	13.0	19.5	14.3	
9:00 PM	-	-	-	-	-	-	10	6	7	11	19	5	11	3	8.5	8.5	11.8	6.3	
10:00 PM	-	-	-	-	-	-	8	8	12	3	9	9	4	4	10.0	5.5	8.3	6.0	
11:00 PM	-	-	-	-	-	-	4	0	12	9	13	14	1	3	8.0	4.5	7.5	6.5	
Totals	-	-	-	-	-	-	449	284	817	705	336	328	290	254	741.9	677.3	500.5	435.8	
Combined Split (%)	-	-	-	-	-	-	733	38.7	1522	46.3	664	49.4	544	46.7	1419.2	47.7	936.3	46.5	
Peak Hours	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12:00 AM - Volume Factor	-	-	-	-	-	-	10:45 AM	10:45 AM	7:15 AM	7:15 AM	11:00 AM	11:00 AM	11:00 AM	9:45 AM	7:15 AM	7:15 AM	7:15 AM	7:15 AM	
12:00 PM - Volume Factor	-	-	-	-	-	-	36	33	109	194	28	29	24	29	109.0	194.0	39.3	72.0	
12:00 PM - Volume Factor	-	-	-	-	-	-	0.69	0.83	0.57	0.75	0.58	0.81	0.75	0.66	0.57	0.75	0.58	0.74	
12:00 PM - Volume Factor	-	-	-	-	-	-	4:30 PM	3:45 PM	3:15 PM	3:15 PM	5:00 PM	6:00 PM	12:30 PM	2:45 PM	3:15 PM	3:30 PM	3:15 PM	3:30 PM	
12:00 AM - Volume Factor	-	-	-	-	-	-	75	45	125	59	32	30	38	25	86.5	44.0	56.3	33.0	
12:00 AM - Volume Factor	-	-	-	-	-	-	0.85	0.75	0.76	0.74	0.89	0.75	0.79	0.78	0.85	0.76	0.94	0.79	

60/116:
60/116:
60/116:

Site:

Weekly Volume

Interval	Mon 9/9/2013		Tue 9/10/2013		Wed 9/11/2013		Thu 9/12/2013		Fri 9/13/2013		Sat 9/14/2013		Sun 9/15/2013		Mon - Fri Average		Week Average	
	southbo	northbo	southbo	northbo	southbo	northbo	southbo	northbo	southbo	northbo	southbo	northbo	southbo	northbo	southbo	northbo	southbo	northbo
12:00 AM	2	0	0	0	1	4	1	1	-	-	-	-	-	-	1.0	1.5	1.0	1.5
1:00 AM	0	0	0	0	0	0	0	1	-	-	-	-	-	-	0.5	0.3	0.5	0.3
2:00 AM	0	0	0	0	2	0	0	1	-	-	-	-	-	-	0.8	0.0	0.8	0.0
3:00 AM	0	0	0	0	1	1	0	0	-	-	-	-	-	-	0.3	0.3	0.3	0.3
4:00 AM	0	0	0	0	1	1	0	0	-	-	-	-	-	-	0.3	0.3	0.3	0.3
5:00 AM	0	2	0	0	0	2	0	0	-	-	-	-	-	-	0.0	2.3	0.0	2.3
6:00 AM	5	14	7	17	6	10	6	19	-	-	-	-	-	-	6.0	15.0	6.0	15.0
7:00 AM	127	149	120	148	138	156	127	155	-	-	-	-	-	-	128.0	152.0	128.0	152.0
8:00 AM	56	169	45	166	49	157	47	186	-	-	-	-	-	-	49.3	169.5	49.3	169.5
9:00 AM	17	38	18	43	22	46	22	43	-	-	-	-	-	-	19.8	42.5	19.8	42.5
10:00 AM	17	24	24	24	20	23	18	29	-	-	-	-	-	-	19.8	25.0	19.8	25.0
11:00 AM	15	19	30	30	25	15	8	13	-	-	-	-	-	-	22.3	22.0	22.3	22.0
12:00 PM	30	16	27	24	24	25	-	-	-	-	-	-	-	-	27.0	21.7	27.0	21.7
1:00 PM	22	23	29	32	33	30	-	-	-	-	-	-	-	-	28.0	28.3	28.0	28.3
2:00 PM	47	42	48	40	95	54	-	-	-	-	-	-	-	-	63.3	45.3	63.3	45.3
3:00 PM	97	50	134	41	93	32	-	-	-	-	-	-	-	-	108.0	41.0	108.0	41.0
4:00 PM	80	38	66	30	82	36	-	-	-	-	-	-	-	-	76.0	34.7	76.0	34.7
5:00 PM	116	42	106	37	81	27	-	-	-	-	-	-	-	-	101.0	35.3	101.0	35.3
6:00 PM	84	31	90	36	112	19	-	-	-	-	-	-	-	-	95.3	28.7	95.3	28.7
7:00 PM	42	17	46	19	55	14	-	-	-	-	-	-	-	-	47.7	16.7	47.7	16.7
8:00 PM	20	14	22	13	27	25	-	-	-	-	-	-	-	-	23.0	17.3	23.0	17.3
9:00 PM	8	5	16	14	9	8	-	-	-	-	-	-	-	-	11.0	9.0	11.0	9.0
10:00 PM	9	4	7	5	12	5	-	-	-	-	-	-	-	-	9.3	4.7	9.3	4.7
11:00 PM	7	1	4	1	2	1	-	-	-	-	-	-	-	-	4.3	1.0	4.3	1.0
Totals	801	698	839	725	890	691	232	448	-	-	-	-	-	-	841.8	714.2	841.8	714.2
Combined Split (%)	1499	53.4	1564	46.4	1581	43.7	680	65.9	-	-	-	-	-	-	1556.0	45.9	1556.0	45.9
Peak Hours	7:30 AM	7:30 AM	7:15 AM	7:30 AM	7:15 AM	7:30 AM	7:15 AM	7:30 AM	-	-	-	-	-	-	7:15 AM	7:30 AM	7:15 AM	7:30 AM
12:00 AM - 12:00 PM	137	224	127	208	151	216	134	237	-	-	-	-	-	-	137.0	221.3	137.0	221.3
Volume Factor	0.52	0.78	0.54	0.81	0.58	0.83	0.63	0.73	-	-	-	-	-	-	0.59	0.78	0.59	0.78
12:00 PM - 12:00 AM	116	55	134	48	117	54	-	-	-	-	-	-	-	-	108.0	51.7	108.0	51.7
Volume Factor	0.81	0.81	0.76	0.80	0.77	0.71	-	-	-	-	-	-	-	-	0.82	0.86	0.82	0.86

Speed Grand Totals
A Tube

mph	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
Total	5.7	1.1	0.9	1.1	2.4	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
12:00 AM	0.0	0.4	0.9	1.1	2.4	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
1:00 AM	0.0	0.0	0.3	1.0	0.4	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0
2:00 AM	1.3	0.0	0.3	0.6	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3:00 AM	1.0	0.0	0.3	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4:00 AM	0.0	0.0	0.1	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5:00 AM	2.4	0.0	0.3	0.6	0.1	1.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0
6:00 AM	15.4	1.1	2.3	3.4	4.0	2.9	1.3	0.1	0.1	0.0	0.0	0.0	0.0
7:00 AM	97.4	0.3	10.1	30.0	33.6	17.0	4.3	1.1	0.1	0.0	0.0	0.0	0.0
8:00 AM	89.0	0.6	9.0	25.1	36.6	13.3	2.9	0.3	0.0	0.0	0.0	0.0	0.0
9:00 AM	45.3	0.4	6.3	10.4	17.1	7.6	1.1	0.3	0.0	0.0	0.0	0.0	0.0
10:00 AM	37.6	1.3	5.3	8.9	11.0	7.1	1.4	0.1	0.0	0.0	0.0	0.0	0.0
11:00 AM	38.1	1.5	7.0	9.1	10.5	6.0	1.1	0.3	0.0	0.0	0.0	0.0	0.0
12:00 PM	42.3	1.0	4.6	12.6	14.0	5.6	2.3	0.3	0.0	0.0	0.0	0.0	0.0
1:00 PM	44.1	0.7	1.4	6.9	14.0	7.4	0.9	0.4	0.0	0.1	0.0	0.0	0.0
2:00 PM	63.9	0.7	2.4	7.0	23.4	10.0	2.6	0.6	0.0	0.0	0.0	0.0	0.0
3:00 PM	78.4	0.9	2.0	7.1	23.7	15.0	2.7	0.6	0.1	0.1	0.0	0.0	0.0
4:00 PM	68.1	1.1	2.0	8.3	24.4	10.6	1.4	0.3	0.0	0.0	0.0	0.0	0.0
5:00 PM	83.0	0.6	2.0	9.4	24.6	13.3	2.6	0.0	0.1	0.1	0.0	0.0	0.0
6:00 PM	75.4	0.1	2.0	7.3	23.4	10.1	2.0	0.7	0.1	0.0	0.0	0.0	0.0
7:00 PM	44.1	0.3	1.7	6.4	14.1	5.1	1.1	0.1	0.0	0.0	0.0	0.0	0.0
8:00 PM	33.7	0.0	0.9	4.0	11.7	6.7	0.6	0.0	0.1	0.0	0.0	0.0	0.0
9:00 PM	18.9	0.0	0.6	3.3	6.1	2.9	0.6	0.0	0.1	0.0	0.0	0.0	0.0
10:00 PM	13.4	0.4	0.9	2.3	4.4	1.9	0.4	0.1	0.0	0.0	0.0	0.0	0.0
11:00 PM	9.7	0.0	0.6	2.3	2.4	1.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0
ADT	911.9	10.0	30.0	111.1	299.0	145.4	30.4	5.5	1.0	0.4	0.0	0.0	0.0

Percentile Speeds
(mph)

10%	15%	50%	85%	90%
23.0	24.5	30.7	36.0	37.5

10 mph Pace Speed
Number in Pace

25.9 - 35.9	Average	30.4 mph
4140 (64.1 %)	Minimum	2.5 mph
	Maximum	56.8 mph

Speeds Exceeded

30 mph	50 mph
55.0 %	0.2 %
3550	10

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	6459	73	215	790	1831	1031	215	39	7	3	0	0	0
A Tube	1.1%	3.3%	12.2%	28.3%	34.9%	16.0%	3.3%	0.6%	0.1%	0.0%	0.0%	0.0%	0.0%