




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  1384
RE: Traffic Survey conducted on SW 60th Ave-just south of SW 112th St

The results of the traffic survey conducted on SW 60th Ave just south of SW 112th St were as follows:

September 5, 2013 to September 12, 2013

- The Monday thru Friday average on a one-week period was 1,249 vehicles daily.
- The week average on a one-week period was 1,065 vehicles daily.
- The weekend average was 605 vehicles daily
- On average, 48.6% of the vehicles traveled southbound and 51.4% traveled northbound on SW 60th Ave.
- The heaviest traffic (peak times) were 7:45AM and 3:15PM.
- The average daily speed on this road was 22.4mph, the minimum speed recorded was 4.3mph, and the maximum speed recorded was 59.7mph. The 85 percentile was 27.1mph.
- The speed limit at this location is 30mph.



60/112:
60/112:
60/112:

Site:

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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	3	1	1	2	1	0	0	1	-	-	-	-	-	-	1.3	1.0	1.3	1.0
1:00 AM	0	0	0	0	1	0	0	1	-	-	-	-	-	-	0.5	0.0	0.5	0.0
2:00 AM	1	2	0	0	0	3	0	1	-	-	-	-	-	-	1.0	0.8	1.0	0.8
3:00 AM	0	0	0	1	2	0	0	0	-	-	-	-	-	-	0.5	0.5	0.5	0.5
4:00 AM	0	0	0	0	1	0	0	0	-	-	-	-	-	-	0.3	0.0	0.3	0.0
5:00 AM	1	2	1	4	1	0	0	0	-	-	-	-	-	-	0.8	1.5	0.8	1.5
6:00 AM	5	6	6	8	3	9	2	8	-	-	-	-	-	-	4.0	7.8	4.0	7.8
7:00 AM	61	88	58	93	54	93	62	96	-	-	-	-	-	-	58.8	92.0	58.8	92.0
8:00 AM	61	133	53	134	59	124	53	144	-	-	-	-	-	-	56.5	133.8	56.5	133.8
9:00 AM	24	54	26	49	31	56	19	54	-	-	-	-	-	-	25.0	53.3	25.0	53.3
10:00 AM	21	32	30	36	16	28	25	31	-	-	-	-	-	-	23.0	31.8	23.0	31.8
11:00 AM	20	26	34	39	21	19	6	12	-	-	-	-	-	-	23.1	27.4	23.1	27.4
12:00 PM	23	22	26	17	26	27	-	-	-	-	-	-	-	-	25.0	22.0	25.0	22.0
1:00 PM	20	27	24	36	30	32	-	-	-	-	-	-	-	-	24.7	31.7	24.7	31.7
2:00 PM	37	41	34	49	79	58	-	-	-	-	-	-	-	-	50.0	49.3	50.0	49.3
3:00 PM	89	51	109	50	58	35	-	-	-	-	-	-	-	-	95.3	45.3	85.3	45.3
4:00 PM	48	39	51	35	47	38	-	-	-	-	-	-	-	-	48.7	37.3	48.7	37.3
5:00 PM	58	54	64	47	52	35	-	-	-	-	-	-	-	-	58.0	45.3	58.0	45.3
6:00 PM	64	34	69	41	58	21	-	-	-	-	-	-	-	-	63.7	32.0	63.7	32.0
7:00 PM	43	26	31	15	28	18	-	-	-	-	-	-	-	-	34.0	19.7	34.0	19.7
8:00 PM	19	15	21	18	15	21	-	-	-	-	-	-	-	-	18.3	18.0	18.3	18.0
9:00 PM	6	6	16	10	12	5	-	-	-	-	-	-	-	-	11.3	7.0	11.3	7.0
10:00 PM	7	5	8	4	10	4	-	-	-	-	-	-	-	-	8.3	4.3	8.3	4.3
11:00 PM	7	1	3	0	3	0	-	-	-	-	-	-	-	-	4.3	1.3	4.3	1.3
Totals	618	665	665	687	608	626	171	347	-	-	-	-	-	-	626.3	663.0	626.3	663.0
Combined Split (%)	1283	51.8	1352	50.8	1234	50.7	518	67.0	-	-	-	-	-	-	1289.3	51.4	1289.3	51.4
Peak Hours	7:30 AM	7:45 AM	7:30 AM	7:30 AM	7:30 AM	7:45 AM	7:30 AM	7:45 AM	7:30 AM	7:45 AM	7:30 AM	7:45 AM	7:30 AM	7:45 AM	7:30 AM	7:45 AM	7:30 AM	7:45 AM
12:00 AM - 12:00 PM	78	147	77	141	79	147	79	156	-	-	-	-	-	-	78.3	147.3	78.3	147.3
Volume Factor	0.61	0.85	0.69	0.84	0.68	0.88	0.60	0.81	-	-	-	-	-	-	0.64	0.90	0.64	0.90
12:00 PM - 12:00 AM	90	58	113	53	82	59	-	-	-	-	-	-	-	-	86.3	56.7	86.3	56.7
Volume Factor	0.64	0.81	0.69	0.88	0.89	0.59	-	-	-	-	-	-	-	-	0.70	0.76	0.70	0.76

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	6.3	1.7	1.7	2.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12:00 AM	0.4	1.7	1.7	2.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1:00 AM	0.0	0.4	0.3	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2:00 AM	0.1	0.4	0.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3:00 AM	1.1	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4:00 AM	0.7	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5:00 AM	1.6	0.0	0.4	0.6	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
6:00 AM	9.3	0.6	1.4	4.0	0.1	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
7:00 AM	71.6	2.0	13.9	36.4	16.1	2.3	0.6	0.3	0.0	0.0	0.0	0.0	0.0
8:00 AM	87.4	4.4	24.7	40.4	15.0	2.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0
9:00 AM	51.9	2.9	14.0	23.4	10.0	0.9	0.1	0.4	0.0	0.0	0.0	0.0	0.0
10:00 AM	47.9	4.1	12.7	20.3	9.0	0.6	0.1	0.1	0.3	0.0	0.0	0.0	0.0
11:00 AM	39.9	4.6	9.8	16.4	7.8	0.6	0.3	0.1	0.3	0.0	0.0	0.0	0.0
12:00 PM	36.9	2.6	7.6	15.9	9.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1:00 PM	45.0	3.9	11.1	18.4	9.6	1.4	0.4	0.0	0.1	0.0	0.0	0.0	0.0
2:00 PM	58.9	5.4	14.9	24.0	12.3	2.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
3:00 PM	76.4	4.3	14.3	32.7	20.3	4.1	0.6	0.0	0.1	0.0	0.0	0.0	0.0
4:00 PM	64.3	4.6	15.1	25.7	15.9	2.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0
5:00 PM	66.9	3.7	14.6	29.3	14.4	4.3	0.4	0.0	0.1	0.0	0.0	0.0	0.0
6:00 PM	64.0	2.7	13.0	26.3	18.1	3.0	0.4	0.1	0.1	0.0	0.0	0.0	0.0
7:00 PM	38.3	1.4	7.7	17.0	9.6	2.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0
8:00 PM	32.4	0.9	8.9	12.6	8.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9:00 PM	16.7	1.0	4.1	7.4	3.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10:00 PM	12.1	0.6	1.3	5.7	3.3	1.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
11:00 PM	8.4	0.6	1.7	3.7	2.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ADT	841.6	51.2	194.6	363.5	190.5	32.8	4.7	1.4	1.7	1.1	0.0	0.0	0.0

Percentile Speeds
 (mph) 10% 15% 50% 85% 90%
 16.5 17.7 22.2 27.1 27.9

10 mph Pace Speed
 Number in Pace 17.5 - 27.5
 4449 (75.0 %) Average
 Minimum 22.4 mph
 Maximum 4.3 mph
 59.7 mph

Speeds Exceeded
 Count 30 mph 40 mph 50 mph
 5.0 % 0.5 % 0.2 %
 294 31 9

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	363	1372	2561	1341	230	33	10	12	8	1	0	0	0
A Tube	6.1%	23.1%	43.2%	22.6%	3.9%	0.6%	0.2%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%