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

MEMORANDUM
Department of Police

FILE

DATE: November 18, 2014

TO: Chief Samuel Ceballos, Jr.

FROM: Sergeant Heather Schry

RE: Traffic Survey conducted at 5850 SW 100th St

The results of the traffic survey conducted at 5850 SW 100th St were as follows:

November 10th—November 16th 2014

- The Monday thru Friday average on a one-week period was 690 vehicles daily.
- The week average on a one-week period was 588 vehicles daily.
- The weekend average was 333 vehicles daily
- On average, 68.5% of the vehicles traveled westbound and 31.5% traveled eastbound on SW 100th St.
- The heaviest traffic (peak times) were 9:00am and 3:45pm.
- The average daily speed on this road was 28.6 mph, the minimum speed recorded was 5.5mph, and the maximum speed recorded was 58.6mph. The 85 percentile was 35.3mph.
- The speed limit at this location is 30mph.

5850/100:
5850/100:
5850/100:

Box B

Site: 5850/100

Seven Day Volume

Interval Begin	Mon 11/10/2014		Tue 11/11/2014		Wed 11/12/2014		Thu 11/13/2014		Fri 11/14/2014		Sat 11/15/2014		Sun 11/16/2014		Mon - Fri Average		Week Average	
	eastbou	westbou	eastbou	westbou	eastbou	westbou	eastbou	westbou	eastbou	westbou	eastbou	westbou	eastbou	westbou	eastbou	westbou	eastbou	westbou
12:00 AM	0	2	0	2	0	1	0	4	3	2	4	6	7	2	0.6	2.2	2.0	2.7
1:00 AM	2	0	0	0	1	1	0	0	0	2	0	2	2	6	0.6	0.6	0.7	1.6
2:00 AM	0	0	0	0	0	0	0	1	1	1	1	1	0	2	0.2	0.4	0.3	0.7
3:00 AM	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0.2	0.0	0.1	0.1
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0.0	0.0	0.0	0.4
5:00 AM	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.0	0.2	0.0	0.3
6:00 AM	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0.2	0.4	0.1	0.3
7:00 AM	1	1	4	3	3	2	3	5	4	3	1	3	0	0	3.0	2.8	2.3	2.4
8:00 AM	8	20	5	12	19	40	18	24	16	29	5	2	3	5	13.2	25.0	10.6	18.9
9:00 AM	36	71	16	19	41	118	38	91	36	104	6	9	10	3	33.4	80.6	26.1	59.3
10:00 AM	17	20	17	16	20	37	13	36	28	24	11	11	8	10	19.0	26.6	16.3	22.0
11:00 AM	9	14	14	17	15	11	21	14	8	18	13	18	6	8	13.4	14.8	12.3	14.3
12:00 PM	12	13	14	10	10	17	13	15	15	17	9	16	8	15	12.8	14.4	11.6	14.7
1:00 PM	21	22	10	24	10	11	13	13	12	10	18	26	11	18	13.2	16.0	13.6	17.7
2:00 PM	16	21	10	17	12	27	16	28	12	22	13	13	16	17	13.2	23.0	13.6	20.7
3:00 PM	17	43	14	24	18	90	20	63	16	62	6	17	8	23	17.0	56.4	14.1	46.0
4:00 PM	19	79	11	30	12	46	26	104	25	99	5	13	7	11	18.6	71.6	15.0	54.6
5:00 PM	12	42	17	22	9	24	12	36	23	32	8	27	7	16	14.6	31.2	12.6	28.4
6:00 PM	13	40	9	35	9	31	13	37	7	32	11	14	3	19	10.2	35.0	9.3	29.7
7:00 PM	13	37	13	26	11	33	12	21	7	21	8	11	6	11	11.2	27.6	10.0	22.9
8:00 PM	9	23	7	17	11	24	9	20	9	14	6	7	10	9	9.0	19.6	8.7	16.3
9:00 PM	6	8	6	6	4	4	10	12	7	11	5	1	3	9	6.6	8.2	5.9	7.3
10:00 PM	2	2	2	7	7	13	5	12	3	8	4	9	2	5	3.8	8.4	3.6	8.0
11:00 PM	2	8	4	1	6	10	0	5	6	12	4	8	2	1	3.6	7.2	3.4	6.4
Totals	215	467	174	288	219	541	242	541	238	524	138	218	119	191	217.6	472.2	192.1	395.7
Combined	682		462		760		783		762		356		310		689.8		587.9	
Split (%)	31.5	68.5	37.7	62.3	28.8	71.2	30.9	69.1	31.2	68.8	38.8	61.2	38.4	61.6	31.5	68.5	32.7	67.3
Peak Hours																		
12:00 AM - 12:00 PM	9:00 AM	8:45 AM	9:30 AM	8:45 AM	9:00 AM	9:00 AM	9:15 AM	8:45 AM	9:15 AM	9:00 AM	11:00 AM	10:45 AM	9:00 AM	10:00 AM	9:15 AM	9:00 AM	9:15 AM	9:00 AM
Volume	36	73	23	20	41	118	42	93	40	104	13	19	10	10	35.6	80.6	28.4	59.3
Factor	0.56	0.61	0.64	0.71	0.64	0.87	0.75	0.60	0.83	0.60	0.81	0.68	0.63	0.83	0.75	0.67	0.78	0.67
12:00 PM - 12:00 AM	12:45 PM	3:45 PM	3:15 PM	5:30 PM	2:45 PM	2:45 PM	3:30 PM	3:45 PM	3:45 PM	3:45 PM	1:00 PM	5:15 PM	2:15 PM	3:00 PM	3:45 PM	3:45 PM	3:45 PM	3:45 PM
Volume	23	84	17	39	18	96	31	116	28	115	18	28	18	23	21.8	78.0	17.7	59.7
Factor	0.58	0.47	0.61	0.70	0.75	0.67	0.70	0.53	0.88	0.78	0.75	0.64	0.75	0.58	0.97	0.61	0.94	0.61

5850/100:
5850/100:
5850/100:

Site: 5850/100
Monday, 11/10/2014, 12:00:00 AM -
Sunday, 11/16/2014, 11:59:59 PM

Speed Grand Totals
A Tube

Hourly Averages

mph	Total	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	4.4	0.3	0.0	0.4	1.6	1.3	0.4	0.1	0.1	0.0	0.1	0.0	0.0	0.0
1:00 AM	2.3	0.0	0.1	0.6	0.3	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2:00 AM	1.0	0.0	0.0	0.0	0.1	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3:00 AM	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
4:00 AM	0.4	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5:00 AM	0.3	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6:00 AM	0.6	0.1	0.1	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
7:00 AM	4.7	0.0	0.1	1.0	1.6	1.1	0.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0
8:00 AM	24.9	0.9	2.0	3.1	7.7	6.9	2.9	1.0	0.1	0.3	0.0	0.0	0.0	0.0
9:00 AM	60.3	1.9	2.4	6.3	16.6	23.1	7.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0
10:00 AM	31.3	1.9	3.3	6.7	6.9	7.0	4.6	0.9	0.1	0.0	0.0	0.0	0.0	0.0
11:00 AM	21.4	1.3	3.6	5.4	3.9	5.4	1.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0
12:00 PM	22.9	0.7	2.6	5.1	5.1	6.3	2.6	0.3	0.0	0.0	0.1	0.0	0.0	0.0
1:00 PM	26.6	1.3	1.9	3.7	8.6	6.6	3.9	0.4	0.1	0.0	0.1	0.0	0.0	0.0
2:00 PM	29.1	0.3	2.6	4.6	8.3	8.6	4.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0
3:00 PM	47.4	1.1	2.1	6.9	11.4	14.6	8.0	2.6	0.4	0.1	0.1	0.0	0.0	0.0
4:00 PM	50.3	1.3	3.6	7.1	14.0	15.1	7.7	1.0	0.3	0.1	0.0	0.0	0.0	0.0
5:00 PM	36.6	1.3	2.7	6.4	12.0	9.9	3.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0
6:00 PM	33.7	1.7	3.6	5.0	10.0	8.1	4.6	0.4	0.1	0.0	0.1	0.0	0.0	0.0
7:00 PM	30.1	2.1	1.7	5.4	10.0	7.0	2.6	1.1	0.1	0.0	0.0	0.0	0.0	0.0
8:00 PM	21.7	1.9	2.0	4.0	5.6	5.4	2.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0
9:00 PM	13.1	1.1	0.4	2.0	3.7	3.9	1.4	0.3	0.1	0.1	0.0	0.0	0.0	0.0
10:00 PM	10.9	0.0	1.0	1.4	4.4	2.7	0.9	0.3	0.1	0.0	0.0	0.0	0.0	0.0
11:00 PM	9.3	0.6	0.6	1.3	2.6	1.7	1.9	0.4	0.3	0.0	0.0	0.0	0.0	0.0
ADT	483.6	19.7	36.4	76.7	134.7	136.6	60.4	14.3	3.3	0.7	0.7	0.0	0.0	0.0

Percentile Speeds	10%	15%	50%	85%	90%
(mph)	19.1	21.3	29.1	35.3	36.7

10 mph Pace Speed	24.9 - 34.9	**Average**	28.6 mph
Number in Pace	1910 (56.4 %)	**Minimum**	5.5 mph
		Maximum	58.6 mph

Speeds Exceeded	30 mph	40 mph	50 mph
	44.7 %	3.9 %	0.3 %
Count	1512	133	10

Study Grand Totals

mph	Total	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
A Tube	3385	138	255	537	943	956	423	100	23	5	5	0	0	0
		4.1%	7.5%	15.9%	27.9%	28.2%	12.5%	3.0%	0.7%	0.1%	0.1%	0.0%	0.0%	0.0%