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

FILE

MEMORANDUM
Department of Police

DATE: August 26, 2014

TO: Chief Samuel Ceballos, Jr.

FROM: Sergeant Heather Setter 1384

RE: Traffic Survey conducted on the 6200-blk SW 92nd St

The results of the traffic survey conducted on the 6200-blk SW 92nd St were as follows:

<u>August 18th-August 24th, 2014</u>

- The Monday thru Friday average on a one-week period was 1322 vehicles daily.
- The week average on a one-week period was 1085 vehicles daily.
- The weekend average was 494 vehicles daily
- On average, 66.8% of the vehicles traveled westbound and 33.2% traveled eastbound on SW 92nd St
- The heaviest traffic (peak times) were 6:45am and 1:30pm.
- The average daily speed on this road was 28.3 mph, the minimum speed recorded was 4.7mph, and the maximum speed recorded was 60.0mph. The 85 percentile was 34.4mph.
- The speed limit at this location is 30mph.

62/92:
62/92:
62/92:

Box A

Site: 62/92

Weekly Volume

Interval Begin	Mon 8/18/2014		Tue 8/19/2014		Wed 8/20/2014		Thu 8/21/2014		Fri 8/22/2014		Sat 8/23/2014		Sun 8/24/2014		Mon - Fri Average		Week Average	
	westboun	eastboun	westboun	eastboun	westboun	eastboun	westboun	eastboun	westboun	eastboun	westboun	eastboun	westboun	eastboun	westboun	eastboun	westboun	eastboun
12:00 AM	2	0	0	0	2	0	0	0	7	5	0	0	4	3	2.2	1.0	2.1	1.1
1:00 AM	0	0	1	0	0	0	0	0	1	2	3	1	1	2	0.4	0.4	0.9	0.7
2:00 AM	0	0	0	1	0	0	1	1	0	0	2	2	1	1	0.2	0.4	0.6	0.7
3:00 AM	0	2	0	0	0	0	1	0	0	0	1	2	0	0	0.2	0.4	0.3	0.6
4:00 AM	1	1	2	1	1	1	1	0	0	0	2	0	0	0	1.0	0.6	1.0	0.4
5:00 AM	37	7	32	4	26	10	25	7	24	3	1	1	3	1	28.8	6.2	21.1	4.7
6:00 AM	201	24	213	33	241	26	216	33	226	32	5	4	6	4	219.4	29.6	158.3	22.3
7:00 AM	184	36	223	44	193	33	236	29	198	33	10	9	3	5	206.8	35.0	149.6	27.0
8:00 AM	106	30	73	20	74	28	82	24	59	28	22	18	6	6	78.8	26.0	60.3	22.0
9:00 AM	38	13	21	28	19	18	28	11	33	22	9	16	10	19	27.8	18.4	22.6	18.1
10:00 AM	25	23	31	24	30	28	21	25	30	20	24	26	17	10	27.4	24.0	25.4	22.3
11:00 AM	27	23	13	15	19	15	28	27	22	21	35	21	25	12	21.8	20.2	24.1	19.1
12:00 PM	30	25	22	21	37	22	31	26	51	29	34	27	19	14	34.2	24.6	32.0	23.4
1:00 PM	63	24	57	24	85	81	65	32	62	38	34	17	19	7	66.4	39.8	55.0	31.9
2:00 PM	73	48	72	82	60	55	77	63	57	50	22	13	21	10	67.8	59.6	54.6	45.9
3:00 PM	30	38	30	32	29	29	28	37	42	40	18	20	13	12	31.8	35.2	27.1	29.7
4:00 PM	20	29	12	28	21	25	30	27	28	22	21	14	14	20	22.2	26.2	20.9	23.6
5:00 PM	30	23	25	30	30	14	20	25	20	26	25	23	13	13	25.0	23.6	23.3	22.0
6:00 PM	19	25	16	19	13	16	22	20	22	17	18	17	12	17	18.4	19.4	17.4	18.7
7:00 PM	9	8	14	8	15	12	11	14	15	11	16	9	8	8	12.8	10.6	12.6	10.0
8:00 PM	6	4	7	2	4	3	11	4	5	10	10	7	11	6	6.6	4.6	7.7	5.1
9:00 PM	7	5	4	2	4	2	4	3	7	10	7	13	0	2	5.2	4.4	4.7	5.3
10:00 PM	4	0	3	3	3	3	0	0	1	6	6	10	1	2	2.2	2.4	2.6	3.4
11:00 PM	1	0	0	4	0	4	2	0	1	2	3	5	2	1	0.8	2.0	1.3	2.3
Totals	913	388	871	425	906	425	940	408	911	427	328	275	209	175	908.2	414.6	725.4	360.4
Combined	1301		1296		1331		1348		1338		603		384		1322.8		1085.9	
Split (%)	70.2	29.8	67.2	32.8	68.1	31.9	69.7	30.3	68.1	31.9	54.4	45.6	54.4	45.6	68.7	31.3	66.8	33.2
Peak Hours																		
12:00 AM - 12:00 PM	6:30 AM	7:15 AM	6:30 AM	6:30 AM	6:15 AM	7:15 AM	6:30 AM	6:45 AM	6:15 AM	6:30 AM	11:00 AM	10:00 AM	10:45 AM	9:00 AM	6:45 AM	6:30 AM	6:45 AM	6:30 AM
Volume	219	42	249	46	246	36	249	40	234	38	35	26	27	19	236.4	36.8	170.9	28.6
Factor	0.78	0.66	0.83	0.88	0.81	0.90	0.75	0.56	0.85	0.73	0.80	0.93	0.56	0.59	0.84	0.84	0.84	0.81
12:00 PM - 12:00 AM	1:45 PM	2:15 PM	1:45 PM	1:45 PM	1:30 PM	1:15 PM	1:30 PM	2:15 PM	1:45 PM	1:45 PM	12:45 PM	12:00 PM	2:30 PM	3:45 PM	1:30 PM	1:45 PM	1:30 PM	1:45 PM
Volume	81	52	79	83	99	84	85	66	71	59	36	27	23	21	80.4	63.2	64.0	48.6
Factor	0.81	0.68	0.94	0.61	0.71	0.60	0.85	0.59	0.77	0.87	0.90	0.68	0.72	0.88	0.91	0.75	0.90	0.77

62/92:
62/92:
62/92:

Site: 62/92
Monday, 8/18/2014, 12:00:00 AM
Sunday, 8/24/2014, 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	2.7	0.3	0.1	0.1	0.7	0.6	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0
1:00 AM	1.3	0.1	0.0	0.0	0.6	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2:00 AM	1.3	0.0	0.1	0.3	0.4	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0
3:00 AM	0.9	0.1	0.1	0.1	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4:00 AM	1.3	0.0	0.4	0.3	0.3	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
5:00 AM	20.1	1.0	0.6	2.7	6.6	6.1	2.7	0.3	0.1	0.0	0.0	0.0	0.0	0.0
6:00 AM	96.7	0.4	3.3	10.4	33.7	35.9	11.0	1.6	0.4	0.0	0.0	0.0	0.0	0.0
7:00 AM	101.0	1.0	3.4	14.0	40.1	32.6	8.3	1.3	0.3	0.0	0.0	0.0	0.0	0.0
8:00 AM	61.6	1.3	5.3	11.3	18.4	18.3	5.9	1.0	0.1	0.0	0.0	0.0	0.0	0.0
9:00 AM	35.4	2.0	3.3	9.1	10.4	7.4	2.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0
10:00 AM	41.3	2.7	5.3	7.4	13.1	9.6	2.4	0.4	0.3	0.0	0.0	0.0	0.0	0.0
11:00 AM	38.1	1.6	5.6	7.4	8.0	11.4	3.1	0.9	0.1	0.0	0.0	0.0	0.0	0.0
12:00 PM	45.6	3.0	3.0	8.9	13.4	10.7	5.6	0.7	0.3	0.0	0.0	0.0	0.0	0.0
1:00 PM	66.1	2.6	2.9	9.4	20.1	20.3	8.7	1.6	0.3	0.0	0.3	0.0	0.0	0.0
2:00 PM	74.6	1.7	3.4	10.0	25.6	24.0	7.6	1.7	0.3	0.0	0.3	0.0	0.0	0.0
3:00 PM	47.3	3.1	4.3	10.7	12.7	11.9	3.3	1.1	0.1	0.0	0.0	0.0	0.0	0.0
4:00 PM	42.6	1.9	2.4	6.7	12.1	13.1	4.6	1.4	0.1	0.1	0.0	0.0	0.0	0.0
5:00 PM	40.7	1.3	2.3	6.4	13.1	10.6	5.1	1.3	0.1	0.1	0.3	0.0	0.0	0.0
6:00 PM	32.9	1.9	1.9	7.3	9.7	8.3	3.3	0.4	0.1	0.0	0.0	0.0	0.0	0.0
7:00 PM	21.4	0.9	1.9	5.4	6.9	4.3	1.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0
8:00 PM	13.0	0.7	0.9	2.9	4.3	2.4	1.3	0.4	0.0	0.1	0.0	0.0	0.0	0.0
9:00 PM	10.1	0.6	0.9	2.4	3.9	1.0	1.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0
10:00 PM	5.6	0.3	0.4	1.0	1.7	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11:00 PM	3.7	0.3	0.1	0.6	1.0	1.0	0.4	0.1	0.0	0.1	0.0	0.0	0.0	0.0
ADT	805.3	28.7	51.9	135.0	257.1	231.7	80.6	15.6	3.1	0.6	1.0	0.0	0.0	0.0

Percentile Speeds	10%	15%	50%	85%	90%
(mph)	19.9	22.0	28.8	34.4	35.8

10 mph Pace Speed 24.1 - 34.1
Number in Pace 3461 (61.4 %)

Average 28.3 mph
Minimum 4.7 mph
Maximum 60.0 mph

Speeds Exceeded	30 mph	40 mph	50 mph
	41.3 %	2.5 %	0.2 %
Count	2328	142	11

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	5637	201	363	945	1800	1622	564	109	22	4	7	0	0	0
		3.6%	6.4%	16.8%	31.9%	28.8%	10.0%	1.9%	0.4%	0.1%	0.1%	0.0%	0.0%	0.0%