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

MEMORANDUM
Department of Police

DATE: March 8, 2013

TO: Chief Samuel Ceballos, Jr.

FROM: Sergeant Carlos Villanueva

RE: Traffic Survey 100 Street and 59 Court

The results of the Traffic Survey at 100 Street and 59 Court revealed the following information:

February 25, 2013 to March 3, 2013

- The Monday thru Friday average on a one-week period was 779 vehicles daily.
- The weekend average on a one-week period was 655 vehicles daily.
- On average, 73% of the vehicles traveled westbound and 27% traveled eastbound on 100 Street.
- The heaviest traffic (peak times) was 9:00AM and 3:30PM.
- The average daily speed on this road was 28MPH, the minimum speed recorded was 5.2MPH, and the maximum speed recorded was 55MPH. The 85 percentile was 34MPH.
- The speed limit at this location is 30 MPH.

100St/59CT:
100St/59CT:
Description 3:

Site:

Weekly Volume

Interval Begin	Mon 2/25/2013		Tue 2/26/2013		Wed 2/27/2013		Thu 2/28/2013		Fri 3/1/2013		Sat 3/2/2013		Sun 3/3/2013		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	-	-	1	1	3	3	3	0	0	3	5	6	2	7	1.8	1.8	2.3	3.3
1:00 AM	-	-	0	0	0	2	0	0	1	0	1	5	4	6	0.3	0.5	1.0	2.2
2:00 AM	-	-	2	0	2	1	0	1	0	0	0	1	0	4	1.0	0.5	0.7	1.2
3:00 AM	-	-	0	0	0	0	1	1	0	1	0	1	0	4	0.3	0.5	0.2	1.2
4:00 AM	-	-	0	0	0	0	0	1	0	0	0	0	0	1	0.0	0.3	0.0	0.3
5:00 AM	-	-	0	0	0	0	0	0	0	1	1	0	0	1	0.0	0.3	0.2	0.3
6:00 AM	-	-	0	1	0	1	0	1	0	1	0	2	1	1	0.0	1.0	0.2	1.2
7:00 AM	-	-	3	5	2	4	4	3	3	4	1	2	0	2	3.0	4.0	2.2	3.3
8:00 AM	-	-	14	46	9	35	15	38	15	34	7	2	2	1	13.3	38.3	10.3	26.0
9:00 AM	-	-	29	106	24	110	31	140	25	122	11	10	3	3	27.3	119.5	20.5	81.8
10:00 AM	-	-	19	22	11	33	15	25	9	17	8	15	4	9	13.5	24.3	11.0	20.2
11:00 AM	9	11	10	14	7	10	11	14	11	11	15	27	2	11	10.1	12.6	9.6	14.5
12:00 PM	17	14	13	13	8	20	15	29	17	20	11	23	5	14	14.0	19.2	12.3	19.0
1:00 PM	8	21	7	10	15	28	12	16	13	22	9	18	11	26	11.0	19.4	10.7	20.1
2:00 PM	13	36	13	31	15	48	17	34	23	47	11	18	12	15	16.2	39.2	14.9	32.7
3:00 PM	15	64	19	73	14	84	21	86	17	69	16	17	6	18	17.2	75.2	15.4	58.7
4:00 PM	20	93	20	103	19	34	24	96	26	96	9	24	10	19	21.8	84.4	18.3	66.4
5:00 PM	11	36	18	37	14	31	13	36	21	26	6	27	6	15	15.4	33.2	12.7	29.7
6:00 PM	11	25	17	41	7	26	7	37	15	30	10	26	7	14	11.4	31.8	10.6	28.4
7:00 PM	9	25	13	29	9	22	10	25	7	22	9	10	7	25	9.6	24.6	9.1	22.6
8:00 PM	6	10	9	7	10	13	4	18	10	27	8	10	3	8	7.8	15.0	7.1	13.3
9:00 PM	7	15	3	11	9	16	5	4	6	4	9	16	4	7	6.0	10.0	6.1	10.4
10:00 PM	4	3	2	9	5	13	1	12	10	15	5	6	7	6	4.4	10.4	4.9	9.1
11:00 PM	3	3	1	9	1	2	5	5	7	8	5	11	2	3	3.4	5.4	3.4	5.9
Totals	133	356	213	568	184	536	214	622	236	580	157	277	98	220	208.6	571.2	183.7	471.9
Combined	489		781		720		836		816		434		318		779.7		655.6	
Split (%)	27.2	72.8	27.3	72.7	25.6	74.4	25.6	74.4	28.9	71.1	36.2	63.8	30.8	69.2	26.7	73.3	28.0	72.0
Peak Hours																		
12:00 AM - 12:00 PM	-	-	8:30 AM	9:00 AM	9:00 AM	9:00 AM	9:00 AM	9:00 AM	9:15 AM	9:00 AM	11:00 AM	11:00 AM	8:30 AM	10:45 AM	9:00 AM	9:00 AM	9:00 AM	9:00 AM
Volume	-	-	31	106	24	110	31	140	27	122	15	27	5	14	27.3	119.5	20.5	81.8
Factor	-	-	0.55	0.68	0.75	0.69	0.70	0.50	0.61	0.73	0.75	0.68	0.63	0.58	0.63	0.63	0.67	0.63
12:00 PM - 12:00 AM	3:45 PM	3:30 PM	3:45 PM	3:30 PM	2:30 PM	2:45 PM	4:15 PM	3:30 PM	3:15 PM	3:30 PM	2:45 PM	5:15 PM	1:45 PM	6:45 PM	3:45 PM	3:30 PM	3:30 PM	3:30 PM
Volume	21	112	25	122	19	104	27	125	26	112	16	31	15	27	22.2	101.6	18.3	77.3
Factor	0.88	0.62	0.78	0.60	0.59	0.55	0.68	0.73	0.50	0.72	0.57	0.78	0.94	0.52	0.79	0.70	0.78	0.69

100St/59CT:
100St/59CT:
Description 3:

Site:

Weekly Volume

Interval Begin	Mon 3/4/2013 Eastbou	Mon 3/4/2013 Westbou	Tue 3/5/2013 Eastbou	Tue 3/5/2013 Westbou	Wed 3/6/2013 Eastbou	Wed 3/6/2013 Westbou	Thu 3/7/2013 Eastbou	Thu 3/7/2013 Westbou	Fri 3/8/2013 Eastbou	Fri 3/8/2013 Westbou	Sat 3/9/2013 Eastbou	Sat 3/9/2013 Westbou	Sun 3/10/2013 Eastbou	Sun 3/10/2013 Westbou	Mon - Fri Average Eastbou	Mon - Fri Average Westbou	Week Average Eastbou	Week Average Westbou
12:00 AM	0	2	0	0	0	0	0	0	-	-	-	-	-	-	0.0	0.5	0.0	0.5
1:00 AM	3	1	0	0	0	0	0	0	-	-	-	-	-	-	0.8	0.3	0.8	0.3
2:00 AM	1	1	0	0	0	0	0	0	-	-	-	-	-	-	0.3	0.3	0.3	0.3
3:00 AM	0	1	0	0	0	0	0	0	-	-	-	-	-	-	0.0	0.3	0.0	0.3
4:00 AM	0	0	0	0	0	0	0	0	-	-	-	-	-	-	0.0	0.0	0.0	0.0
5:00 AM	0	0	0	0	0	0	0	0	-	-	-	-	-	-	0.0	0.0	0.0	0.0
6:00 AM	1	1	0	0	0	0	0	0	-	-	-	-	-	-	0.3	0.3	0.3	0.3
7:00 AM	3	4	0	0	0	0	0	0	-	-	-	-	-	-	0.8	1.0	0.8	1.0
8:00 AM	15	33	0	0	0	0	0	0	-	-	-	-	-	-	3.8	8.3	3.8	8.3
9:00 AM	38	116	0	0	0	0	0	0	-	-	-	-	-	-	9.5	29.0	9.5	29.0
10:00 AM	12	25	0	0	0	0	0	0	-	-	-	-	-	-	3.0	6.3	3.0	6.3
11:00 AM	4	14	0	0	0	0	0	0	-	-	-	-	-	-	1.0	3.5	1.0	3.5
12:00 PM	15	18	0	0	0	0	0	0	-	-	-	-	-	-	3.8	4.5	3.8	4.5
1:00 PM	13	24	0	0	0	0	0	0	-	-	-	-	-	-	3.3	6.0	3.3	6.0
2:00 PM	17	35	0	0	0	0	0	0	-	-	-	-	-	-	4.3	8.8	4.3	8.8
3:00 PM	16	78	0	0	0	0	0	0	-	-	-	-	-	-	4.6	22.3	4.6	22.3
4:00 PM	20	88	0	0	0	0	-	-	-	-	-	-	-	-	6.7	29.3	6.7	29.3
5:00 PM	12	37	0	0	0	0	-	-	-	-	-	-	-	-	4.0	12.3	4.0	12.3
6:00 PM	12	23	0	0	0	0	-	-	-	-	-	-	-	-	4.0	7.7	4.0	7.7
7:00 PM	0	0	0	0	0	0	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0
8:00 PM	0	0	0	0	0	0	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0
9:00 PM	0	0	0	0	0	0	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0
10:00 PM	0	0	0	0	0	0	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0
11:00 PM	0	0	0	0	0	0	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0
Totals	182	501	0	0	0	0	0	0	-	-	-	-	-	-	49.7	140.4	49.7	140.4
Combined	683		0		0		0		-		-		-		190.1		190.1	
Split (%)	26.6	73.4	-	-	-	-	-	-	-	-	-	-	-	-	26.2	73.8	26.2	73.8
Peak Hours 12:00 AM - 12:00 PM	8:45 AM	8:45 AM	12:00 AM	12:00 AM	12:00 AM	12:00 AM	12:00 AM	12:00 AM	-	-	-	-	-	-	8:45 AM	8:45 AM	8:45 AM	8:45 AM
Volume	39	119	0	0	0	0	0	0	-	-	-	-	-	-	9.8	29.8	9.8	29.8
Factor	0.46	0.51	-	-	-	-	-	-	-	-	-	-	-	-	0.46	0.51	0.46	0.51
12:00 PM - 12:00 AM	3:30 PM	3:30 PM	12:00 AM	12:00 AM	12:00 AM	12:00 AM	12:00 AM	12:00 AM	-	-	-	-	-	-	3:30 PM	3:30 PM	3:30 PM	3:30 PM
Volume	23	114	0	0	0	0	0	0	-	-	-	-	-	-	7.7	38.0	7.7	38.0
Factor	0.82	0.71	-	-	-	-	-	-	-	-	-	-	-	-	0.82	0.71	0.82	0.71

100St/59CT:
100St/59CT:
Description 3:

Site:
Monday, 2/25/2013, 11:17:21 AM -
Thursday, 3/7/2013, 3:23:29 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	3.4	0.0	0.2	0.3	1.0	1.1	0.7	0.0	0.0	0.1	0.0	0.0	0.0	0.0
1:00 AM	1.8	0.0	0.2	0.1	0.8	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0
2:00 AM	1.3	0.0	0.1	0.3	0.1	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
3:00 AM	0.7	0.0	0.0	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4:00 AM	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.1	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	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6:00 AM	1.0	0.0	0.2	0.2	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7:00 AM	3.6	0.2	0.3	1.5	1.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8:00 AM	23.3	0.6	0.9	2.6	8.9	7.8	2.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0
9:00 AM	48.1	1.0	5.1	12.0	16.0	11.1	2.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
10:00 AM	19.5	1.4	2.2	3.2	4.8	5.5	2.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
11:00 AM	13.5	1.4	1.0	3.2	3.3	3.5	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
12:00 PM	20.5	0.8	1.4	4.7	6.9	5.0	1.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
1:00 PM	19.0	1.0	1.6	3.1	6.3	4.9	1.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0
2:00 PM	28.6	0.9	1.7	5.1	9.2	7.9	3.2	0.5	0.2	0.0	0.0	0.0	0.0	0.0
3:00 PM	42.8	0.8	1.7	6.5	13.1	14.5	5.1	0.6	0.2	0.2	0.0	0.0	0.0	0.0
4:00 PM	47.8	1.4	1.6	8.7	15.2	13.9	5.2	1.5	0.3	0.0	0.0	0.0	0.0	0.0
5:00 PM	30.5	1.3	1.6	5.2	8.6	9.2	4.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0
6:00 PM	25.6	0.7	1.1	5.2	7.4	7.2	3.2	0.6	0.2	0.0	0.0	0.0	0.0	0.0
7:00 PM	20.3	0.7	1.2	2.9	7.9	5.1	2.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0
8:00 PM	11.7	0.1	0.3	2.6	4.2	2.8	1.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0
9:00 PM	10.2	0.2	0.2	1.3	4.9	2.6	0.8	0.1	0.1	0.0	0.0	0.0	0.0	0.0
10:00 PM	7.7	0.1	0.1	1.3	2.6	2.1	1.1	0.3	0.0	0.1	0.0	0.0	0.0	0.0
11:00 PM	5.9	0.0	0.5	0.6	2.6	1.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
ADT	387.4	12.6	23.3	70.8	125.1	107.8	39.3	6.6	1.5	0.4	0.0	0.0	0.0	0.0

Percentile Speeds (mph)	50%	85%	90%
	28.6	34.2	35.5

10 mph Pace Speed 24.2 - 34.2
Number in Pace 2473 (61.9 %)

Average 28.2 mph
Minimum 5.2 mph
Maximum 55.0 mph

Speeds Exceeded	30 mph	40 mph	50 mph
	40.2 %	2.2 %	0.1 %
Count	1606	87	4

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	3998	131	240	731	1290	1114	405	68	15	4	0	0	0	0
		3.3%	6.0%	18.3%	32.3%	27.9%	10.1%	1.7%	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%