



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

MEMORANDUM
Department of Police

FILE

DATE: May 15, 2013
TO: Chief Samuel Ceballos, Jr.
FROM: Sergeant Heather Setter
RE: Traffic Survey 8030 SW 122nd St

The results of the Traffic Survey at 8030 SW 122nd St revealed the following information:

May 7, 2013 to May 14, 2013

- The Monday thru Friday average on a one-week period was 273 vehicles daily.
- The week average on a one-week period was 256 vehicles daily.
- The weekend average was 212 vehicles daily
- On average, 53.6% of the vehicles traveled eastbound and 46.4% traveled westbound on SW 122nd St.
- The heaviest traffic (peak times) was 7:00AM and 1:45PM.
- The average daily speed on this road was 27.4MPH, the minimum speed recorded was 3.0MPH, and the maximum speed recorded was 59.8MPH. The 85 percentile was 35.7 MPH.
- The speed limit at this location is 30 MPH.



Box B

Site:

8030 sw 122nd:
8030 sw 122nd:
8030 sw 122nd:

Weekly Volume

Interval	Mon 5/6/2013		Tue 5/7/2013		Wed 5/8/2013		Thu 5/9/2013		Fri 5/10/2013		Sat 5/11/2013		Sun 5/12/2013		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	0	0	0	2	0	1	3	1	0	1.0	0.0	1.0	0.0
1:00 AM	-	-	0	0	0	0	0	0	1	0	0	6	1	0	0.3	0.0	0.4	1.2
2:00 AM	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.3	0.0	0.2
3:00 AM	-	-	1	0	0	0	0	0	0	0	0	0	0	0	0.3	0.0	0.2	0.0
4:00 AM	-	-	0	0	0	0	0	0	0	0	1	0	0	1	0.3	0.0	0.4	0.2
5:00 AM	-	-	1	1	1	1	1	1	0	2	0	0	0	0	0.7	1.0	0.4	0.6
6:00 AM	-	-	4	4	4	4	4	4	5	2	1	0	0	1	4.3	3.3	2.8	2.2
7:00 AM	-	-	33	18	33	28	28	16	26	13	0	3	6	1	29.0	15.7	18.6	10.2
8:00 AM	-	-	17	8	17	8	14	14	9	13	3	8	5	7	11.3	11.7	8.4	10.0
9:00 AM	-	-	12	7	12	4	7	7	11	6	15	12	6	6	9.0	6.7	9.6	7.6
10:00 AM	-	-	8	5	8	5	12	12	7	7	18	8	5	5	8.9	8.6	10.9	7.8
11:00 AM	-	-	7	8	7	8	0	6	6	6	7	8	4	4	5.3	6.5	5.3	6.3
12:00 PM	-	-	9	6	9	6	7	7	5	9	15	9	3	7	5.8	6.0	6.8	6.7
1:00 PM	-	-	11	6	11	6	4	4	7	6	15	9	5	3	6.8	8.0	7.8	7.3
2:00 PM	-	-	12	14	12	16	16	13	10	8	9	8	8	5	13.8	11.8	12.0	10.0
3:00 PM	-	-	15	10	15	10	14	14	15	5	6	7	6	6	11.8	11.0	9.8	9.5
4:00 PM	-	-	14	15	14	11	15	15	9	9	8	3	8	8	10.5	13.0	9.7	10.2
5:00 PM	-	-	11	14	11	10	10	7	9	9	10	6	6	5	9.8	9.5	9.2	8.2
6:00 PM	-	-	16	9	16	8	10	8	9	6	4	9	4	4	9.0	7.8	7.3	7.3
7:00 PM	-	-	5	2	5	2	2	8	12	5	8	7	7	4	8.5	5.5	7.7	6.0
8:00 PM	-	-	4	3	4	4	2	2	5	3	5	2	3	4	4.0	3.8	4.7	3.3
9:00 PM	-	-	6	5	6	5	5	5	9	3	1	2	2	2	5.0	4.3	3.8	4.2
10:00 PM	-	-	2	1	2	1	0	0	2	1	4	2	2	1	2.3	0.5	2.5	0.8
11:00 PM	-	-	2	0	2	1	1	1	1	3	1	1	0	2	2.0	1.3	1.5	1.3
Totals	-	-	85	94	187	141	145	150	160	116	132	113	89	80	159.4	136.0	140.9	121.8
Combined Split (%)	-	-	179	52.5	328	43.0	295	50.8	276	42.0	245	46.1	169	47.3	295.4	46.0	262.7	46.4
Peak Hours	-	-	10:45 AM	10:45 AM	6:45 AM	7:00 AM	7:00 AM	7:00 AM	6:45 AM	7:15 AM	9:45 AM	9:00 AM	10:15 AM	8:45 AM	6:45 AM	7:00 AM	7:00 AM	7:15 AM
12:00 AM - Volume Factor	-	-	10	0.45	33	18	28	16	29	15	19	12	12	8	29.7	15.7	18.6	10.8
12:00 PM - Volume Factor	-	-	2:15 PM	2:30 PM	1:45 PM	2:15 PM	2:00 PM	4:30 PM	2:30 PM	4:15 PM	12:45 PM	12:15 PM	2:30 PM	2:30 PM	2:15 PM	2:30 PM	2:15 PM	2:30 PM
12:00 AM - Volume Factor	-	-	16	0.71	18	17	16	16	18	10	17	11	11	8	14.3	14.0	12.7	12.0
12:00 PM - Volume Factor	-	-	0.80	0.71	0.75	0.71	0.80	0.67	0.75	0.63	0.53	0.46	0.69	0.67	0.89	0.88	0.90	0.86

Site:

8030 sw 122nd:
8030 sw 122nd:
8030 sw 122nd:

Weekly Volume

Interval	Mon 5/13/2013		Tue 5/14/2013		Wed 5/15/2013		Thu 5/16/2013		Fri 5/17/2013		Sat 5/18/2013		Sun 5/19/2013		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	0	0	0	0	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0
1:00 AM	0	1	0	0	-	-	-	-	-	-	-	-	-	-	0.0	0.5	0.0	0.5
2:00 AM	0	1	0	0	-	-	-	-	-	-	-	-	-	-	0.0	0.5	0.0	0.5
3:00 AM	1	0	0	0	-	-	-	-	-	-	-	-	-	-	0.5	0.0	0.0	0.0
4:00 AM	0	0	0	0	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0
5:00 AM	1	3	1	1	-	-	-	-	-	-	-	-	-	-	1.0	2.0	1.0	2.0
6:00 AM	5	4	4	3	-	-	-	-	-	-	-	-	-	-	4.5	3.5	4.5	3.5
7:00 AM	32	12	21	13	-	-	-	-	-	-	-	-	-	-	26.5	12.5	26.5	12.5
8:00 AM	7	8	14	9	-	-	-	-	-	-	-	-	-	-	10.5	8.5	10.5	8.5
9:00 AM	11	8	12	10	-	-	-	-	-	-	-	-	-	-	11.5	9.0	11.5	9.0
10:00 AM	7	7	10	6	-	-	-	-	-	-	-	-	-	-	8.5	6.5	8.5	6.5
11:00 AM	8	7	7	9	-	-	-	-	-	-	-	-	-	-	7.5	8.0	7.5	8.0
12:00 PM	9	6	6	5	-	-	-	-	-	-	-	-	-	-	7.5	5.5	7.5	5.5
1:00 PM	7	11	13	9	-	-	-	-	-	-	-	-	-	-	10.0	10.0	10.0	10.0
2:00 PM	12	20	12	20	-	-	-	-	-	-	-	-	-	-	12.0	20.0	12.0	20.0
3:00 PM	9	13	12	11	-	-	-	-	-	-	-	-	-	-	10.5	12.0	10.5	12.0
4:00 PM	18	11	2	13	-	-	-	-	-	-	-	-	-	-	10.0	12.0	10.0	12.0
5:00 PM	9	8	5	5	-	-	-	-	-	-	-	-	-	-	7.0	6.5	7.0	6.5
6:00 PM	4	5	11	6	-	-	-	-	-	-	-	-	-	-	7.5	5.5	7.5	5.5
7:00 PM	7	7	5	7	-	-	-	-	-	-	-	-	-	-	6.0	7.0	6.0	7.0
8:00 PM	7	5	-	-	-	-	-	-	-	-	-	-	-	-	7.0	5.0	7.0	5.0
9:00 PM	2	2	-	-	-	-	-	-	-	-	-	-	-	-	2.0	2.0	2.0	2.0
10:00 PM	2	1	-	-	-	-	-	-	-	-	-	-	-	-	2.0	1.0	2.0	1.0
11:00 PM	0	0	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0
Totals	158	140	135	127	-	-	-	-	-	-	-	-	-	-	152.0	137.5	152.0	137.5
Combined Split (%)	298	47.0	262	48.5	-	-	-	-	-	-	-	-	-	-	289.5	47.5	289.5	47.5
Peak Hours																		
12:00 AM - 7:00 AM	7:00 AM	6:30 AM	7:00 AM	7:00 AM	-	-	-	-	-	-	-	-	-	-	7:00 AM	7:00 AM	7:00 AM	7:00 AM
Volume Factor	32	13	21	13	-	-	-	-	-	-	-	-	-	-	26.5	12.5	26.5	12.5
	0.44	0.65	0.40	0.65	-	-	-	-	-	-	-	-	-	-	0.43	0.69	0.43	0.69
12:00 PM - 2:30 PM	4:00 PM	2:15 PM	2:30 PM	1:45 PM	-	-	-	-	-	-	-	-	-	-	1:45 PM	1:45 PM	1:45 PM	1:45 PM
Volume Factor	18	21	17	21	-	-	-	-	-	-	-	-	-	-	15.0	20.0	15.0	20.0
	0.64	0.75	0.47	0.75	-	-	-	-	-	-	-	-	-	-	0.50	0.71	0.50	0.71

8030 SW 122nd:
 8030 SW 122nd:
 8030 SW 122nd:

Site:
 Tuesday, 5/7/2013, 10:44:04 AM -
 Tuesday, 5/14/2013, 7:56:08 PM

Speed Grand Totals
 A Tube

mph	Hourly Averages										ADT			
	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
12:00 AM	1.0	0.1	0.0	0.1	0.3	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
1:00 AM	0.9	0.3	0.0	0.4	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2:00 AM	0.1	0.0	0.0	0.0	0.0	0.0	0.1	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4:00 AM	0.4	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5:00 AM	1.1	0.4	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6:00 AM	4.3	0.0	0.9	0.7	0.6	1.3	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0
7:00 AM	22.6	1.0	1.1	3.7	4.9	5.0	5.6	0.7	0.3	0.1	0.1	0.0	0.0	0.0
8:00 AM	17.1	2.1	1.4	3.1	4.4	4.0	1.3	0.6	0.1	0.0	0.0	0.0	0.0	0.0
9:00 AM	15.6	1.7	1.7	3.7	4.6	2.4	0.9	0.3	0.1	0.1	0.0	0.0	0.0	0.0
10:00 AM	13.4	2.5	2.4	2.0	2.6	2.6	0.9	0.3	0.0	0.1	0.0	0.0	0.0	0.0
11:00 AM	11.3	0.9	1.1	2.0	2.8	2.3	1.5	0.6	0.1	0.0	0.0	0.0	0.0	0.0
12:00 PM	11.6	0.9	1.4	2.3	3.0	2.9	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
1:00 PM	13.4	0.5	0.9	2.5	3.3	3.1	2.4	0.5	0.3	0.0	0.0	0.0	0.0	0.0
2:00 PM	21.0	0.9	1.3	3.1	5.8	4.4	3.0	1.9	0.1	0.3	0.4	0.0	0.0	0.0
3:00 PM	18.1	1.8	2.5	3.3	4.4	3.3	2.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0
4:00 PM	18.5	0.8	2.4	3.8	5.0	3.5	2.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0
5:00 PM	14.3	1.1	2.0	2.3	3.1	2.9	2.0	0.5	0.4	0.0	0.0	0.0	0.0	0.0
6:00 PM	12.5	1.9	0.9	2.6	2.6	2.8	1.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0
7:00 PM	10.5	0.8	1.4	1.5	2.4	1.9	2.1	0.3	0.1	0.0	0.0	0.0	0.0	0.0
8:00 PM	7.7	0.1	0.6	2.0	2.1	1.7	0.4	0.6	0.0	0.0	0.1	0.0	0.0	0.0
9:00 PM	6.4	0.7	0.1	0.9	2.7	1.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
10:00 PM	2.6	0.3	0.4	0.6	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11:00 PM	2.3	0.1	0.1	0.4	0.6	0.6	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0
ADT	226.9	18.9	22.8	41.4	55.6	47.4	29.0	8.6	1.6	1.1	0.7	0.0	0.0	0.0

Percentile Speeds
 (mph)

10%	15%	50%	85%	90%
16.2	18.8	27.8	35.7	37.5

10 mph Pace Speed
 Number in Pace

30 mph	40 mph	50 mph	Average
38.9 %	5.3 %	0.8 %	27.4 mph
674	91	13	3.0 mph
			59.8 mph

Speeds Exceeded
 Count

30 mph	40 mph	50 mph	Average
38.9 %	5.3 %	0.8 %	27.4 mph
674	91	13	3.0 mph
			59.8 mph

Study Grand Totals

mph	Study Grand Totals												
	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
A Tube	1733	144	176	315	424	361	222	66	12	8	5	0	0
		8.3%	10.2%	18.2%	24.5%	20.8%	12.8%	3.8%	0.7%	0.5%	0.3%	0.0%	0.0%