



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

MEMORANDUM
Department of Police

FILE
LP

DATE: July 3, 2014
TO: Chief Samuel Ceballos, Jr.
FROM: Sergeant Heather Setter *HSS HSA*
RE: Traffic Survey conducted on the 12500-blk of SW 80th Ave

The results of the traffic survey conducted on the 12500-blk of SW 80th Ave were as follows:

June 25th, 2014 to July 1st, 2014

- The Monday thru Friday average on a one-week period was 320 vehicles daily.
- The week average on a one-week period was 280 vehicles daily.
- The weekend average was 180 vehicles daily
- On average, 51.6% of the vehicles traveled northbound and 48.4% traveled southbound on SW 80th Ave.
- The heaviest traffic (peak times) were 8:00am and 5:00pm.
- The average daily speed on this road was 25.9mph, the minimum speed recorded was 1.1mph, and the maximum speed recorded was 58.4mph. The 85 percentile was 33.1mph.
- The speed limit at this location is 30mph.



80/125:
80/125:
80/125:

Site:

Weekly Volume

Interval	Mon 6/23/2014		Tue 6/24/2014		Wed 6/25/2014		Thu 6/26/2014		Fri 6/27/2014		Sat 6/28/2014		Sun 6/29/2014		Mon - Fri Average		Week Average	
	northbou	southbou	northbou	southbou	northbou	southbou												
12:00 AM	-	-	-	-	1	1	0	2	0	0	1	1	0	1	0.3	1.7	0.4	1.6
1:00 AM	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0.0	0.3	0.0	0.8
2:00 AM	-	-	-	-	0	0	0	1	0	0	0	0	0	0	0.0	1.0	0.0	0.6
3:00 AM	-	-	-	-	1	0	0	0	0	0	0	0	0	0.3	0.3	0.2	0.2	
4:00 AM	-	-	-	-	0	1	1	1	0	0	1	0	0	0.3	1.3	0.4	0.8	
5:00 AM	-	-	-	-	1	0	1	1	1	0	2	3	0	1.3	0.3	1.2	1.2	
6:00 AM	-	-	-	-	6	2	4	1	6	2	0	0	0	5.3	1.7	3.2	1.0	
7:00 AM	-	-	-	-	17	2	11	6	13	0	3	3	2	13.7	2.7	9.2	2.4	
8:00 AM	-	-	-	-	20	8	17	5	19	4	7	7	2	18.7	5.7	13.0	4.6	
9:00 AM	-	-	-	-	14	3	12	9	10	7	4	4	4	12.0	6.3	9.4	5.2	
10:00 AM	-	-	-	-	12	12	12	5	15	9	4	5	4	13.0	8.7	9.4	7.0	
11:00 AM	-	-	-	-	11	9	8	3	13	6	8	8	7	10.7	6.0	9.4	7.0	
12:00 PM	-	-	-	-	17	12	9	8	10	4	6	6	6	12.0	8.0	9.6	8.2	
1:00 PM	-	-	-	-	12	18	12	5	12	8	8	5	5	11.0	10.3	9.8	8.4	
2:00 PM	-	-	-	-	12	10	7	7	16	12	4	6	5	11.0	9.7	8.4	8.4	
3:00 PM	-	-	-	-	17	10	6	18	15	21	7	7	4	12.7	16.3	9.8	12.4	
4:00 PM	-	-	-	-	6	10	9	15	9	14	5	5	6	8.0	13.0	7.0	10.6	
5:00 PM	-	-	-	-	4	15	8	10	24	13	7	9	3	12.0	12.7	9.2	10.6	
6:00 PM	-	-	-	-	6	16	14	8	11	6	7	8	2	10.3	10.0	9.4	8.0	
7:00 PM	-	-	-	-	5	13	10	15	16	11	3	7	5	10.3	13.0	7.8	10.6	
8:00 PM	-	-	-	-	11	9	14	10	6	12	6	6	3	10.3	10.3	8.0	8.8	
9:00 PM	-	-	-	-	3	7	5	6	2	5	5	2	2	3.3	6.0	3.4	4.4	
10:00 PM	-	-	-	-	1	3	2	5	3	3	5	5	1	2.0	4.3	2.4	3.8	
11:00 PM	-	-	-	-	1	2	2	2	1	1	2	2	2	1.3	3.7	1.6	3.8	
Totals	-	-	-	-	178	164	163	144	202	152	98	102	70	181.0	153.3	142.2	130.4	
Combined Split (%)	-	-	-	-	342	48.0	307	46.9	354	42.9	200	51.0	160	334.3	45.9	272.6	47.8	
Peak Hours	-	-	-	-	8:00 AM	10:15 AM	7:45 AM	8:30 AM	7:15 AM	9:45 AM	7:30 AM	10:15 AM	10:45 AM	8:00 AM	9:45 AM	7:30 AM	10:15 AM	
12:00 AM - Volume Factor	-	-	-	-	20	14	19	10	19	10	9	8	8	18.7	8.7	13.6	8.0	
12:00 PM - Volume Factor	-	-	-	-	0.71	0.88	0.68	0.83	0.59	0.83	0.56	0.50	0.67	0.64	0.81	0.68	0.83	
12:00 PM - Volume Factor	-	-	-	-	2:45 PM	5:15 PM	6:15 PM	3:00 PM	5:00 PM	3:00 PM	4:30 PM	12:00 PM	5:30 PM	3:00 PM	3:00 PM	12:15 PM	3:00 PM	
12:00 AM - Volume Factor	-	-	-	-	19	21	16	18	24	21	10	11	9	12.7	16.3	10.2	12.4	
12:00 AM - Volume Factor	-	-	-	-	0.79	0.75	0.67	0.45	0.75	0.58	0.83	0.69	0.45	0.73	0.77	0.91	0.78	

80/125:
80/125:
80/125:

Site:

Weekly Volume

Interval	Mon 6/30/2014		Tue 7/1/2014		Wed 7/2/2014		Thu 7/3/2014		Fri 7/4/2014		Sat 7/5/2014		Sun 7/6/2014		Mon - Fri Average		Week Average	
	northbou	southbou	northbou	southbou	northbou	southbou	northbou	southbou	northbou	southbou	northbou	southbou	northbou	southbou	northbou	southbou	northbou	southbou
12:00 AM	1	0	0	0	-	-	-	-	-	-	-	-	-	-	0.5	0.0	0.5	0.0
1:00 AM	0	0	0	0	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0
2:00 AM	0	0	0	0	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0
3:00 AM	0	0	0	0	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0
4:00 AM	1	3	1	2	-	-	-	-	-	-	-	-	-	-	1.0	2.5	1.0	2.5
5:00 AM	0	0	0	0	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0
6:00 AM	5	0	10	1	-	-	-	-	-	-	-	-	-	-	7.5	0.5	7.5	0.5
7:00 AM	12	3	14	0	-	-	-	-	-	-	-	-	-	-	13.0	1.5	13.0	1.5
8:00 AM	20	3	15	5	-	-	-	-	-	-	-	-	-	-	17.5	4.0	17.5	4.0
9:00 AM	14	14	15	15	-	-	-	-	-	-	-	-	-	-	14.5	14.5	14.5	14.5
10:00 AM	7	6	9	6	-	-	-	-	-	-	-	-	-	-	8.0	6.0	8.0	6.0
11:00 AM	8	10	10	11	-	-	-	-	-	-	-	-	-	-	9.0	10.5	9.0	10.5
12:00 PM	12	9	4	10	-	-	-	-	-	-	-	-	-	-	8.0	9.5	8.0	9.5
1:00 PM	10	10	7	14	-	-	-	-	-	-	-	-	-	-	8.5	12.0	8.5	12.0
2:00 PM	19	14	7	5	-	-	-	-	-	-	-	-	-	-	13.0	9.5	13.0	9.5
3:00 PM	7	9	9	9	-	-	-	-	-	-	-	-	-	-	8.0	9.0	8.0	9.0
4:00 PM	9	15	6	9	-	-	-	-	-	-	-	-	-	-	7.5	12.0	7.5	12.0
5:00 PM	7	20	6	16	-	-	-	-	-	-	-	-	-	-	6.5	18.0	6.5	18.0
6:00 PM	10	12	11	10	-	-	-	-	-	-	-	-	-	-	10.5	11.0	10.5	11.0
7:00 PM	4	9	5	10	-	-	-	-	-	-	-	-	-	-	4.5	9.5	4.5	9.5
8:00 PM	7	7	4	5	-	-	-	-	-	-	-	-	-	-	5.5	6.0	5.5	6.0
9:00 PM	5	3	5	7	-	-	-	-	-	-	-	-	-	-	5.0	5.0	5.0	5.0
10:00 PM	2	5	1	5	-	-	-	-	-	-	-	-	-	-	1.5	5.0	1.5	5.0
11:00 PM	0	1	2	4	-	-	-	-	-	-	-	-	-	-	1.0	2.5	1.0	2.5
Totals	160	153	141	144	-	-	-	-	-	-	-	-	-	-	150.5	148.5	150.5	148.5
Combined Split (%)	313	48.9	285	50.5	-	-	-	-	-	-	-	-	-	-	299.0	49.7	299.0	49.7
Peak Hours																		
12:00 AM -	8:00 AM	8:45 AM	7:15 AM	9:00 AM	-	-	-	-	-	-	-	-	-	-	7:15 AM	9:00 AM	7:15 AM	9:00 AM
Volume	20	14	20	15	-	-	-	-	-	-	-	-	-	-	17.5	14.5	17.5	14.5
Factor	0.71	0.70	0.71	0.75	-	-	-	-	-	-	-	-	-	-	0.63	0.73	0.63	0.73
12:00 PM -	2:00 PM	5:15 PM	6:00 PM	5:00 PM	-	-	-	-	-	-	-	-	-	-	2:30 PM	5:00 PM	2:30 PM	5:00 PM
Volume	19	21	11	16	-	-	-	-	-	-	-	-	-	-	13.5	18.0	13.5	18.0
Factor	0.59	0.66	0.92	0.67	-	-	-	-	-	-	-	-	-	-	0.56	0.64	0.56	0.64

80/125:
80/125:
80/125:

Site:
Wednesday, 6/25/2014, 12:00:00 AM -
Tuesday, 7/1/2014, 11:59:59-PM

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	1.6	0.0	0.7	0.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12:00 AM	0.4	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1:00 AM	0.4	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2:00 AM	0.4	0.0	0.1	0.1	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	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4:00 AM	1.9	0.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5:00 AM	1.7	0.3	0.4	0.3	0.1	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0
6:00 AM	5.3	0.7	0.4	1.3	1.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0
7:00 AM	11.9	0.7	1.0	3.3	3.4	2.4	0.9	0.1	0.0	0.0	0.0	0.0	0.0
8:00 AM	16.6	1.4	1.9	2.7	4.7	2.3	2.6	0.9	0.1	0.0	0.0	0.0	0.0
9:00 AM	16.1	1.1	2.3	4.3	4.1	2.9	1.1	0.3	0.0	0.0	0.0	0.0	0.0
10:00 AM	13.9	1.9	1.7	3.6	3.3	2.0	1.1	0.3	0.0	0.0	0.0	0.0	0.0
11:00 AM	15.3	1.4	1.9	3.6	4.4	3.0	0.7	0.3	0.0	0.0	0.0	0.0	0.0
12:00 PM	16.7	0.9	1.6	3.9	6.7	2.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0
1:00 PM	16.6	0.9	1.6	3.9	5.0	3.0	1.9	0.4	0.0	0.0	0.0	0.0	0.0
2:00 PM	16.3	0.7	2.1	2.9	4.4	4.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0
3:00 PM	18.7	0.9	2.6	3.9	5.3	4.0	1.9	0.3	0.0	0.0	0.0	0.0	0.0
4:00 PM	16.6	1.4	2.0	2.0	6.3	3.9	0.9	0.0	0.1	0.0	0.0	0.0	0.0
5:00 PM	19.6	1.7	2.1	4.4	4.7	4.7	1.3	0.4	0.1	0.0	0.0	0.0	0.0
6:00 PM	16.4	1.0	2.0	4.9	4.0	3.3	1.0	0.1	0.0	0.1	0.0	0.0	0.0
7:00 PM	15.7	1.7	1.1	4.0	4.7	2.1	1.4	0.6	0.0	0.0	0.0	0.0	0.0
8:00 PM	14.4	1.6	1.0	3.4	5.3	1.7	1.1	0.3	0.0	0.0	0.0	0.0	0.0
9:00 PM	8.4	0.9	1.0	2.1	2.4	1.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0
10:00 PM	6.0	0.1	0.9	1.4	1.7	1.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0
11:00 PM	4.7	0.0	0.1	0.7	2.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ADT	255.4	20.1	28.1	57.9	76.1	49.1	19.4	4.0	0.3	0.1	0.0	0.0	0.0

Percentile Speeds
(mph)

10%	15%	50%	85%	90%
16.4	18.5	26.4	33.1	34.8

10 mph Pace Speed
Number in Pace

22.2 - 32.2	25.9 mph
979 (54.8 %)	1.1 mph
	58.4 mph

Speeds Exceeded

30 mph	40 mph	50 mph
28.6 %	1.8 %	0.1 %
512	32	2

Study Grand Totals

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	1788	141	197	405	533	344	136	28	2	1	0	0	0
A Tube	7.9%	11.0%	22.7%	29.8%	19.2%	7.6%	1.6%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%