

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

MEMORANDUM
Department of Police

DATE: October 20, 2015
TO: Chief Samuel Ceballos, Jr.
FROM: Sergeant Heather Schry  1384
RE: Traffic Survey conducted at 5800 SW 114th Ter

The results of the traffic survey conducted at 5800 SW 114th Ter were as follows:

October 12th-20th 2015

- The Monday thru Friday average on a one-week period was 818 vehicles daily.
- The week average on a one-week period was 673 vehicles daily.
- The weekend average was 310 vehicles daily
- On average, 57.4% of the vehicles traveled westbound and 42.6% traveled eastbound on SW 114th Ter.
- The heaviest traffic (peak times) were 7:30 am and 3:30 pm.
- The average daily speed on this road was 30.4mph, the minimum speed recorded was 1.1mph, and the maximum speed recorded was 59.7mph. The 85 percentile was 38.5mph.
- The speed limit at this location is 30mph.



Speed Grand Totals
A Tube

mph	Total	Hourly Averages														
		< 15	< 20	< 25	< 30	30 - 35	< 40	< 45	< 50	50 - 55	< 60	60 - 65	< 70	< 200		
12:00 AM	3.1	0.0	0.0	0.3	1.0	0.6	0.6	0.1	0.1	0.3	0.1	0.0	0.0	0.0	0.0	
1:00 AM	1.4	0.0	0.3	0.0	0.1	0.6	0.0	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	
2:00 AM	0.6	0.1	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3:00 AM	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4:00 AM	1.1	0.0	0.0	0.3	0.1	0.1	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5:00 AM	0.4	0.0	0.0	0.0	0.0	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6:00 AM	8.7	0.9	0.1	0.7	1.4	2.1	2.1	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
7:00 AM	73.6	1.7	1.4	6.1	18.0	23.0	16.3	5.3	1.3	0.3	0.1	0.0	0.0	0.0	0.0	
8:00 AM	60.9	2.0	4.6	6.6	12.4	17.9	12.4	4.3	0.6	0.0	0.1	0.0	0.0	0.0	0.0	
9:00 AM	18.7	1.7	1.9	3.0	5.6	3.9	1.6	0.9	0.0	0.1	0.0	0.0	0.0	0.0	0.0	
10:00 AM	22.1	0.9	3.7	4.0	4.7	5.7	2.4	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	
11:00 AM	19.6	1.0	0.9	2.3	5.1	4.9	3.1	1.7	0.4	0.1	0.0	0.0	0.0	0.0	0.0	
12:00 PM	22.1	1.6	2.7	3.6	3.3	6.4	3.0	1.0	0.4	0.1	0.0	0.0	0.0	0.0	0.0	
1:00 PM	17.7	1.6	2.0	3.1	3.0	4.6	1.9	0.4	1.0	0.0	0.1	0.0	0.0	0.0	0.0	
2:00 PM	31.1	1.9	2.1	3.1	6.6	6.7	6.6	3.0	0.6	0.3	0.3	0.0	0.0	0.0	0.0	
3:00 PM	42.1	1.6	2.3	4.3	8.3	13.0	8.6	2.9	1.1	0.1	0.0	0.0	0.0	0.0	0.0	
4:00 PM	45.1	1.6	1.7	4.9	10.0	13.4	9.3	3.1	0.7	0.3	0.1	0.0	0.0	0.0	0.0	
5:00 PM	46.6	1.0	1.4	4.7	11.1	13.9	8.7	4.6	0.7	0.3	0.1	0.0	0.0	0.0	0.0	
6:00 PM	42.9	3.0	2.7	2.7	7.6	11.4	10.3	4.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	
7:00 PM	23.4	2.0	1.6	2.4	5.7	5.7	3.7	1.6	0.4	0.1	0.0	0.0	0.0	0.0	0.0	
8:00 PM	13.4	1.1	0.9	2.7	2.9	3.3	1.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9:00 PM	9.3	1.0	0.7	1.0	2.4	1.9	1.4	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
10:00 PM	7.7	0.7	0.9	0.6	1.9	1.4	1.6	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	
11:00 PM	5.0	0.9	0.1	0.9	1.4	1.3	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	
ADT	517.0	26.1	32.1	57.3	112.9	142.3	95.7	36.7	10.0	2.3	1.6	0.0	0.0	0.0	0.0	

Percentile Speeds
(mph)

10%	19.0
15%	22.2
50%	30.9
85%	38.5
90%	39.4

10 mph Pace Speed
Number in Pace

27.1 - 37.1
1921 (53.1%)

Average 30.4 mph
Minimum 1.1 mph
Maximum 59.7 mph

Speeds Exceeded

30 mph	55.8%
40 mph	9.8%
50 mph	0.7%

Count: 2020, 354, 27

Study Grand Totals

mph	Total	< 15	< 20	< 25	< 30	30 - 35	< 40	< 45	< 50	50 - 55	< 60	60 - 65	< 70	< 200
A Tube	3619	183	225	401	790	996	670	257	70	16	11	0	0	0
		5.1%	6.2%	11.1%	21.8%	27.5%	18.5%	7.1%	1.9%	0.4%	0.3%	0.0%	0.0%	0.0%

Box C

58/114:
58/114:
58/114:

Site:

58/114

Weekly Volume

Interval	Mon 10/12/2015		Tue 10/13/2015		Wed 10/14/2015		Thu 10/15/2015		Fri 10/16/2015		Sat 10/17/2015		Sun 10/18/2015		Mon - Fri Average		Week Average		
	eastbound	westbound	eastbound	westbound	eastbound	westbound	eastbound	westbound	eastbound	westbound	eastbound	westbound	eastbound	westbound	eastbound	westbound	eastbound	westbound	
12:00 AM - 1:00 AM	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	1.2	0.6	2.6
1:00 AM - 2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	1.0	0.1	1.6
2:00 AM - 3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.1	0.6
3:00 AM - 4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.2	0.0	0.1
4:00 AM - 5:00 AM	0	1	1	0	1	1	1	0	1	1	1	1	0	0	0	0.8	0.4	0.7	0.4
5:00 AM - 6:00 AM	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.4	0.2	0.3	0.1
6:00 AM - 7:00 AM	10	1	8	3	11	2	11	4	11	1	2	1	1	1	1	10.2	2.0	7.7	1.7
7:00 AM - 8:00 AM	48	95	121	111	125	95	111	99	92	85	7	4	2	2	99.4	97.0	72.3	69.9	
8:00 AM - 9:00 AM	59	15	125	20	143	17	135	135	63	22	10	7	5	5	105.0	19.2	77.1	15.1	
9:00 AM - 10:00 AM	18	5	9	11	16	6	17	8	15	11	8	6	9	9	15.0	8.2	13.1	7.1	
10:00 AM - 11:00 AM	20	7	11	7	16	10	20	20	16	7	17	7	13	13	16.6	8.0	16.1	7.9	
11:00 AM - 12:00 PM	12	6	8	16	16	16	11	13	14	15	8	6	4	4	11.4	8.4	11.4	11.0	
1:00 PM - 2:00 PM	5	12	7	16	5	15	8	11	6	8	10	8	10	10	6.2	10.6	7.3	11.1	
2:00 PM - 3:00 PM	10	21	12	29	11	30	20	18	12	28	9	16	12	12	13.0	25.2	12.3	21.6	
3:00 PM - 4:00 PM	13	45	11	57	13	26	7	63	14	71	7	9	11	11	11.6	52.4	10.9	40.7	
4:00 PM - 5:00 PM	11	54	15	86	10	36	6	53	12	79	5	11	10	10	10.8	61.6	9.9	47.0	
5:00 PM - 6:00 PM	11	63	8	94	5	46	9	62	4	46	14	16	10	10	7.4	62.2	8.7	48.6	
6:00 PM - 7:00 PM	7	32	9	60	6	70	10	67	8	40	15	15	6	6	8.0	53.8	8.9	42.4	
7:00 PM - 8:00 PM	5	18	4	35	10	25	7	14	6	12	8	6	5	5	6.4	20.8	7.4	18.0	
8:00 PM - 9:00 PM	1	5	4	12	11	13	5	9	3	6	8	12	4	4	5.0	9.0	5.3	9.0	
9:00 PM - 10:00 PM	1	5	4	8	2	11	4	9	3	3	4	6	2	2	2.8	8.6	2.7	7.9	
10:00 PM - 11:00 PM	1	5	3	5	1	8	1	8	2	3	4	10	1	1	1.6	5.8	2.0	6.1	
Totals	245	404	376	572	413	451	399	476	292	463	156	180	126	157	345.0	473.2	286.7	386.1	
Combined Split (%)	649	62.2	948	60.3	864	52.2	875	54.4	755	61.3	336	53.6	283	157	818.2	57.8	672.9	57.4	
Peak Hours																			
12:00 AM - 12:00 PM	7:45 AM	7:15 AM	7:30 AM	7:15 AM	7:30 AM	7:15 AM	7:30 AM	7:15 AM	7:30 AM	7:30 AM	9:45 AM	10:45 AM	9:45 AM	10:45 AM	7:30 AM	7:15 AM	7:30 AM	7:15 AM	
Volume	73	96	167	117	195	96	171	115	114	87	18	18	16	18	142.8	101.6	103.7	73.1	
Factor	0.87	0.44	0.89	0.55	0.87	0.49	0.82	0.56	0.89	0.49	0.75	0.50	0.67	0.90	0.93	0.51	0.93	0.51	
12:00 PM - 12:00 AM	2:30 PM	4:45 PM	4:00 PM	5:00 PM	12:00 PM	5:45 PM	2:00 PM	3:15 PM	3:30 PM	3:30 PM	5:15 PM	1:45 PM	12:00 PM	7:00 PM	2:30 PM	3:30 PM	2:15 PM	3:30 PM	
Volume	14	64	15	94	16	70	20	70	15	105	21	19	14	16	14.2	66.2	13.4	51.0	
Factor	0.58	0.76	0.75	0.84	0.80	0.67	0.83	0.80	0.75	0.97	0.75	0.79	0.70	0.67	0.89	0.92	0.87	0.94	