



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

MEMORANDUM
Department of Police

DATE: March 24th 2015
TO: Chief Samuel Ceballos, Jr.
FROM: Sergeant Heather Schry ~~HAS~~ 1384
RE: Traffic Survey conducted on SW 57th Ave north of SW 111th St

The results of the traffic survey conducted on SW 57th Ave north of SW 111th St revealed the following information:

March 16th -March 22nd 2015

- The Monday thru Friday average on a one-week period was 11,023 vehicles daily.
- The week average on a one-week period was 10,357 vehicles daily.
- The weekend average was 8,694 vehicles daily
- On average, 51.6% of the vehicles traveled southbound and 48.4% traveled northbound on SW 57th Ave.
- The heaviest traffic (peak times) was 8:15AM and 4:30PM.
- The average daily speed on this road was 35.4mph, the minimum speed recorded was 1.1mph, and the maximum speed recorded was 59.9mph. The 85 percentile was 42.4mph.
- The speed limit at this location is 35mph.



57/111:
57/111:
57/111:

Box B

Site:

57/111

Weekly Volume

Interval	Mon 3/16/2015		Tue 3/17/2015		Wed 3/18/2015		Thu 3/19/2015		Fri 3/20/2015		Sat 3/21/2015		Sun 3/22/2015		Mon - Fri Average		Week Average		
	north	south	north	south	north	south	north	south	north	south	north	south	north	south	north	south	north	south	
12:00 AM - 1:00 AM	11	24	2	8	8	10	4	10	14	8	17	15	37	16	108	8.4	24.8	13.7	43.3
1:00 AM - 2:00 AM	3	5	5	3	7	11	7	7	13	8	15	15	14	14	38	6.6	13.0	9.1	20.9
2:00 AM - 3:00 AM	19	8	21	10	19	15	15	15	15	12	21	21	18	18	22	7.0	7.8	9.1	11.3
3:00 AM - 4:00 AM	103	15	102	21	111	20	124	124	90	21	40	40	28	22	24	17.8	12.4	18.3	15.9
4:00 AM - 5:00 AM	303	68	328	84	343	105	341	341	273	76	79	79	47	38	76	106.0	19.2	85.4	20.3
5:00 AM - 6:00 AM	351	208	334	224	364	238	362	362	283	151	137	98	47	60	98	338.8	217.0	244.9	78.0
6:00 AM - 7:00 AM	388	357	397	390	391	385	387	370	348	201	234	176	142	142	176	382.2	340.6	326.7	289.1
7:00 AM - 8:00 AM	380	195	429	264	422	262	410	410	414	237	322	258	253	301	302	411.0	244.2	375.7	239.4
8:00 AM - 9:00 AM	331	178	332	242	355	270	398	398	364	310	376	302	301	279	301	356.0	254.4	351.0	264.7
9:00 AM - 10:00 AM	300	198	339	246	342	282	355	355	416	327	311	338	376	376	401	350.4	265.0	348.4	294.9
10:00 AM - 11:00 AM	318	246	291	315	320	298	332	332	315	330	351	351	358	358	401	311.2	303.0	326.4	313.9
11:00 AM - 12:00 PM	298	264	290	317	364	352	302	302	302	342	348	336	363	363	343	311.2	324.2	323.9	328.6
12:00 PM - 1:00 PM	294	278	324	321	397	390	348	348	293	301	342	291	302	302	245	331.2	306.8	328.6	295.7
1:00 PM - 2:00 PM	363	365	360	497	366	377	354	354	290	392	282	189	255	225	225	346.6	436.4	324.3	370.9
2:00 PM - 3:00 PM	388	489	380	555	377	450	310	310	317	474	315	272	258	209	209	354.4	501.2	335.0	426.7
3:00 PM - 4:00 PM	338	558	370	629	350	575	342	342	285	578	314	314	293	239	239	337.0	588.4	327.4	500.4
4:00 PM - 5:00 PM	274	583	287	588	345	555	308	308	287	513	291	313	273	306	306	300.2	562.4	295.0	490.1
5:00 PM - 6:00 PM	178	421	304	451	221	477	239	239	244	377	284	246	208	245	245	237.2	451.2	239.7	392.4
6:00 PM - 7:00 PM	128	243	168	304	151	280	183	183	162	273	185	226	211	152	152	158.4	287.0	169.7	259.0
7:00 PM - 8:00 PM	88	153	99	218	93	250	135	135	122	163	124	182	101	94	94	107.4	203.6	108.9	190.7
8:00 PM - 9:00 PM	50	108	92	150	70	154	119	119	117	204	143	180	76	31	31	89.6	155.8	95.3	150.4
9:00 PM - 10:00 PM	24	69	38	88	34	81	57	57	95	150	104	157	31	62	62	49.6	100.2	54.7	102.9
10:00 PM - 11:00 PM	8	34	10	55	13	47	27	27	47	87	61	117	24	43	43	21.0	57.0	27.1	63.6
Totals	4941	5070	5307	5998	5473	5929	5469	6234	5114	5579	4711	4590	4102	3984	5260.8	5762.0	5016.7	5340.6	
Combined Split (%)	10011	50.6	11305	53.1	11402	52.0	11703	53.3	10693	52.2	9301	49.3	8086	49.3	11022.8	52.3	10357.3	51.6	
Peak Hours																			
12:00 AM - 12:00 PM	6:30 AM	7:00 AM	8:00 AM	7:15 AM	8:15 AM	7:00 AM	6:30 AM	7:00 AM	8:30 AM	9:45 AM	8:45 AM	10:30 AM	9:45 AM	10:30 AM	8:15 AM	7:15 AM	8:30 AM	11:00 AM	
Volume	413	357	429	405	445	385	419	370	441	350	384	344	382	433	415.6	342.0	381.4	313.9	
Factor	0.94	0.77	0.92	0.77	0.78	0.84	0.90	0.75	0.84	0.89	0.86	0.92	0.85	0.93	0.92	0.79	0.92	0.98	
12:00 PM - 12:00 AM	2:30 PM	4:30 PM	2:45 PM	4:30 PM	12:45 PM	4:30 PM	2:30 PM	4:00 PM	3:00 PM	3:45 PM	12:30 PM	12:00 PM	12:00 PM	12:00 PM	2:30 PM	4:30 PM	2:45 PM	4:30 PM	
Volume	412	595	417	650	406	598	359	602	317	592	360	336	363	343	366.8	594.8	339.9	510.0	
Factor	0.88	0.93	0.87	0.93	0.87	0.95	0.88	0.92	0.98	0.91	0.92	0.88	0.86	0.94	0.96	0.97	0.95	0.97	

Speed Grand Totals
A Tube

mph	Total	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			
12:00 AM	38.0	0.0	0.1	0.1	3.1	8.6	12.4	9.7	2.4	1.0	0.4	0.0	0.0	0.0			
1:00 AM	25.9	0.0	0.1	0.7	2.1	5.1	7.1	6.9	3.0	0.6	0.1	0.0	0.0	0.0			
2:00 AM	18.7	0.0	0.4	0.6	1.1	4.1	5.1	4.3	2.1	0.7	0.1	0.0	0.0	0.0			
3:00 AM	27.1	0.1	0.7	0.9	3.0	5.1	7.1	5.4	2.6	1.3	0.9	0.0	0.0	0.0			
4:00 AM	63.1	0.1	0.1	0.9	3.0	10.4	15.3	16.4	11.6	4.3	1.0	0.0	0.0	0.0			
5:00 AM	101.7	0.9	1.6	3.1	10.0	20.7	28.4	24.1	9.9	2.6	0.4	0.0	0.0	0.0			
6:00 AM	100.0	1.1	2.4	6.3	14.4	27.4	28.3	14.0	4.3	1.0	0.7	0.0	0.0	0.0			
7:00 AM	98.7	0.7	1.4	6.7	19.6	24.7	27.3	13.1	4.1	0.6	0.4	0.0	0.0	0.0			
8:00 AM	107.6	2.0	3.6	7.3	16.7	26.6	29.4	16.7	4.7	0.4	0.1	0.0	0.0	0.0			
9:00 AM	97.4	1.9	2.6	5.0	15.7	24.6	26.7	15.0	5.0	0.7	0.3	0.0	0.0	0.0			
10:00 AM	102.1	1.1	2.3	6.3	15.3	26.9	27.1	17.9	5.0	0.1	0.1	0.0	0.0	0.0			
11:00 AM	100.7	1.1	2.1	6.7	12.4	27.9	29.0	15.3	5.0	0.6	0.6	0.0	0.0	0.0			
12:00 PM	94.7	1.0	3.3	7.0	16.3	24.9	23.1	13.4	4.6	1.0	0.1	0.0	0.0	0.0			
1:00 PM	101.6	3.6	2.9	10.9	20.4	28.1	21.4	11.4	2.6	0.1	0.1	0.0	0.0	0.0			
2:00 PM	85.1	1.6	2.3	5.9	15.0	25.7	19.7	11.1	3.6	0.3	0.0	0.0	0.0	0.0			
3:00 PM	80.6	2.4	2.0	3.0	11.1	23.4	22.7	12.1	3.0	0.7	0.0	0.0	0.0	0.0			
4:00 PM	80.3	0.9	1.3	3.1	9.4	23.6	22.9	14.6	4.0	0.6	0.0	0.0	0.0	0.0			
5:00 PM	83.0	0.9	1.0	3.3	9.6	18.7	30.1	14.7	3.4	0.7	0.6	0.0	0.0	0.0			
6:00 PM	110.4	0.9	1.7	4.3	13.1	29.6	36.1	19.0	4.9	0.4	0.3	0.0	0.0	0.0			
7:00 PM	110.6	0.7	0.9	3.6	11.4	30.1	35.6	22.0	4.9	1.1	0.3	0.0	0.0	0.0			
8:00 PM	108.9	0.1	0.1	2.7	9.1	26.3	37.9	24.7	6.6	1.0	0.3	0.0	0.0	0.0			
9:00 PM	103.3	0.1	0.4	3.4	9.6	23.6	32.0	22.3	9.3	2.1	0.4	0.0	0.0	0.0			
10:00 PM	79.3	0.1	0.4	1.4	4.3	17.9	27.9	18.3	7.4	1.0	0.6	0.0	0.0	0.0			
11:00 PM	56.0	0.4	0.0	0.9	4.6	11.6	20.0	12.4	4.0	1.3	0.9	0.0	0.0	0.0			
ADT	1974.9	21.9	33.9	94.0	250.6	495.6	572.9	355.0	118.0	24.3	8.9	0.0	0.0	0.0			

Percentile Speeds
(mph)

10%	26.4
15%	28.4
50%	35.8
85%	42.4
90%	44.0

10 mph Pace Speed 31.0 - 41.0
Number In Pace 7607 (55.0%)
Average 35.4 mph
Minimum 1.1 mph
Maximum 59.9 mph

Speeds Exceeded
Count

35 mph	54.6%
45 mph	7.7%
55 mph	0.4%
75 mph	7553
1058	1058
62	62

Study Grand Totals

mph	Total	< 15	< 20	< 25	< 30	< 35	< 40	< 45	< 50	< 55	< 60	< 65	< 70	< 200
A Tube	13824	153	237	658	1754	3469	4010	2485	826	170	62	0	0	0
		1.1%	1.7%	4.8%	12.7%	25.1%	29.0%	18.0%	6.0%	1.2%	0.4%	0.0%	0.0%	0.0%