



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

MEMORANDUM
Department of Police

FILE
STB

DATE: January 15, 2014
TO: Chief Samuel Ceballos Jr. (Via Chain of Command)
FROM: Sergeant Robert LaRicci *R LaRicci*
RE: Traffic Survey 11835 SW 81 Road

The results of the Traffic Survey at **11835 SW 81** Road revealed the following information:

January 6, 2014 to January 12, 2014

- The Monday thru Friday average on a one-week period was 2,521 vehicles daily.
- The Saturday and Sunday average was 1,380 vehicles daily
- On average, 41% on of the vehicles travel northbound and 59% traveled southbound on 81 Road.
- The heaviest traffic (peak hours) was 8:15 AM and 4:15 PM.
- The average daily speed on the road was 29.5 MPH, the minimum speed recorded was 3.9 MPH, and the maximum speed recorded was 49.9. The 85 percentile was 34.8 MPH.
- The speed limit at this location is 30 MPH.



Pinecrest Police Dept.
 12645 S. Dixie Hwy
 Pinecrest, FL 33156

81 RD and 118 :
 81RD & 118 St:
 Description 3:

Site:

Weekly Volume

Interval	Mon 1/6/2014		Tue 1/7/2014		Wed 1/8/2014		Thu 1/9/2014		Fri 1/10/2014		Sat 1/11/2014		Sun 1/12/2014		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	-	-	2	6	2	11	0	0	0	0	2	20	5	15	1.0	7.0	1.8	10.5
1:00 AM - 2:00 AM	-	-	4	7	1	2	0	1	1	1	2	11	0	3	1.5	6.3	1.3	6.5
2:00 AM - 3:00 AM	-	-	1	0	0	4	0	1	0	1	1	2	2	0.8	0.8	1.0	1.3	
3:00 AM - 4:00 AM	-	-	1	2	0	0	0	1	0	0	1	3	1	0.8	1.8	0.8	2.2	
4:00 AM - 5:00 AM	-	-	0	0	0	0	0	0	0	0	0	0	0	0.0	0.3	0.0	0.2	
5:00 AM - 6:00 AM	-	-	1	0	2	0	1	1	0	1	2	2	0	1.0	0.3	0.7	0.5	
6:00 AM - 7:00 AM	-	-	2	1	1	0	0	0	0	0	1	1	1	0.8	0.3	0.7	0.5	
7:00 AM - 8:00 AM	-	-	29	9	49	14	38	4	38	9	3	1	5	38.5	9.0	26.3	6.2	
8:00 AM - 9:00 AM	-	-	323	37	343	30	325	34	290	37	7	7	5	320.3	34.5	215.5	25.0	
9:00 AM - 10:00 AM	-	-	153	38	207	38	207	36	147	56	10	20	7	178.5	42.0	121.8	33.5	
10:00 AM - 11:00 AM	39	48	52	45	53	45	54	59	70	65	22	44	14	53.6	52.4	43.4	46.4	
11:00 AM - 12:00 PM	35	77	28	66	34	71	42	55	33	68	25	78	23	34.4	67.4	31.4	67.1	
1:00 PM - 2:00 PM	31	93	30	90	35	79	36	79	36	92	41	82	17	33.6	86.6	32.3	81.9	
2:00 PM - 3:00 PM	53	114	31	127	35	114	40	40	34	116	45	117	41	38.6	117.8	39.9	111.9	
3:00 PM - 4:00 PM	49	130	45	148	55	122	46	46	50	127	49	123	26	49.0	128.8	45.7	119.4	
4:00 PM - 5:00 PM	63	152	68	126	62	138	65	117	60	170	32	128	28	63.6	140.6	54.0	130.4	
5:00 PM - 6:00 PM	52	147	49	140	53	126	44	155	71	164	42	121	31	53.8	146.4	48.9	133.3	
6:00 PM - 7:00 PM	48	133	51	156	36	131	50	149	53	156	37	130	22	47.2	145.0	42.1	132.7	
7:00 PM - 8:00 PM	39	138	39	162	41	112	37	135	50	170	29	90	18	45.4	143.4	39.1	124.9	
8:00 PM - 9:00 PM	18	144	35	142	30	116	15	135	34	143	32	86	26	38.2	136.0	35.6	118.0	
9:00 PM - 10:00 PM	14	81	18	76	16	93	15	96	34	104	24	60	8	38.2	90.0	19.0	80.3	
10:00 PM - 11:00 PM	6	52	8	52	5	86	7	59	16	78	11	49	7	14.0	65.4	12.6	58.4	
Totals	496	1355	973	1476	1079	1380	1074	1431	1048	1649	424	1235	292	810	1042.6	1478.6	822.3	1346.0
Combined Split (%)	1851	73.2	2449	60.3	2459	56.1	2505	57.1	2697	61.1	1659	74.4	1102	73.5	2521.2	58.6	2168.3	62.1
Peak Hours	12:00 AM - 10:00 AM		8:15 AM - 11:00 AM		8:15 AM - 11:00 AM		8:15 AM - 10:15 AM		8:15 AM - 9:30 AM		10:30 AM - 11:00 AM		11:00 AM - 11:00 AM		8:15 AM - 11:00 AM		8:15 AM - 11:00 AM	
Volume	39	77	340	66	364	71	349	60	295	69	29	78	23	55	337.0	67.4	227.5	67.1
Factor	0.70	0.92	0.83	0.87	0.91	0.68	0.91	0.75	0.85	0.91	0.81	0.75	0.48	0.81	0.91	0.87	0.91	0.84
12:00 PM - 12:00 AM	3:15 PM - 3:15 PM		3:00 PM - 6:15 PM		2:45 PM - 3:15 PM		3:15 PM - 4:30 PM		3:30 PM - 4:15 PM		1:45 PM - 2:15 PM		1:00 PM - 4:45 PM		3:30 PM - 4:15 PM		3:30 PM - 4:30 PM	
Volume	68	162	68	170	69	141	66	168	81	174	53	137	41	88	66.8	153.6	58.1	138.3
Factor	0.85	0.83	0.65	0.87	0.75	0.93	0.87	0.82	0.92	0.79	0.83	0.82	0.85	0.76	0.78	0.93	0.81	0.97

Pincrest Police Dept.
12645 S. Dixie Hwy
Pincrest, FL. 33156

81 RD and 118 :
81RD & 118 St:
Description 3:

Site:
Monday, 1/6/2014, 10:04:10 AM -
Monday, 1/13/2014, 10:04:49 AM

Speed Grand Totals
A Tube

mph	Total	Hourly Averages															
		< 15	15 - 20	20 - 25	25 - 30	30 - 35	35 - 40	40 - 45	45 - 50	50 - 55	55 - 60	60 - 65	65 - 70	> 70			
12:00 AM	11.0	0.4	1.0	1.7	3.6	2.9	0.7	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1:00 AM	7.7	0.0	0.0	1.0	1.9	3.3	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2:00 AM	2.3	0.3	0.4	0.3	0.6	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3:00 AM	2.1	0.0	0.1	0.7	0.6	0.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4:00 AM	0.3	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5:00 AM	1.1	0.0	0.3	0.7	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6:00 AM	1.4	0.3	0.1	0.1	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7:00 AM	24.9	1.0	0.3	4.7	7.7	8.7	2.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8:00 AM	102.4	0.3	1.0	9.7	30.0	42.1	16.1	2.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9:00 AM	92.6	0.6	2.0	10.4	28.4	37.1	12.0	1.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10:00 AM	59.6	0.6	1.5	7.3	20.4	20.4	7.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11:00 AM	72.6	0.7	3.1	12.4	22.7	23.0	8.4	1.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12:00 PM	87.6	1.7	3.3	12.4	28.7	29.0	9.3	2.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1:00 PM	100.9	1.7	3.1	3.1	35.4	31.9	1.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2:00 PM	107.9	1.0	4.0	15.6	38.3	35.6	2.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3:00 PM	113.0	0.9	3.9	16.6	40.9	34.0	14.3	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4:00 PM	117.0	1.1	3.6	15.9	40.7	38.9	13.7	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5:00 PM	115.3	1.3	3.9	16.9	37.0	38.9	14.3	2.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6:00 PM	108.4	1.3	2.9	14.7	40.0	33.6	12.6	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7:00 PM	101.0	1.7	3.9	18.4	36.6	29.3	9.9	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8:00 PM	76.0	0.9	1.6	14.6	29.9	20.7	6.3	2.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9:00 PM	55.7	0.9	1.7	9.6	19.1	16.7	5.9	1.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10:00 PM	33.9	0.3	1.9	5.7	10.4	10.7	3.9	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11:00 PM	21.3	0.7	1.1	3.3	7.7	6.1	2.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
ADT	1415.9	17.6	44.6	206.7	481.2	463.9	164.2	32.7	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

Percentile Speeds (mph)
10% 22.7
15% 24.1
50% 29.7
85% 34.8
90% 36.1

10 mph Pace Speed Number in Pace
24.9 - 34.9
6675 (66.9%)
Average Minimum Maximum
29.5 mph
3.9 mph
49.9 mph

Speeds Exceeded
30 mph 47.0%
40 mph 2.7%
50 mph 0.0%
Count 4690 265 0

mph	Total	< 15	15 - 20	20 - 25	25 - 30	30 - 35	35 - 40	40 - 45	45 - 50	50 - 55	55 - 60	60 - 65	65 - 70	> 70
A Tube	9971	124	314	1454	3389	3268	1157	231	34	0	0	0	0	0
		1.2%	3.1%	14.6%	34.0%	32.8%	11.6%	2.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%