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

MEMORANDUM
Department of Police

FILE

DATE: March 23, 2013

TO: Chief Samuel Ceballos, Jr.

FROM: Sergeant Carlos Villanueva

RE: Traffic Survey 128 Street and 82 Avenue

The results of the Traffic Survey at 128 Street and 82 Avenue revealed the following information:

March 12, 2013 to March 19, 2013

- The Monday thru Friday average on a one-week period was 6,010 vehicles daily.
- The weekend average on a one-week period was 5,375 vehicles daily.
- On average, 56% of the vehicles traveled westbound and 44% traveled eastbound on 128 Street.
- The heaviest traffic (peak times) was 9:15AM and 5:00PM.
- The average daily speed on this road was 32MPH, the minimum speed recorded was 1.7MPH, and the maximum speed recorded was 59.7MPH. The 85 percentile was 37.6MPH.
- The speed limit at this location is 30 MPH.

128St/82Ave:
128/82ave:
Description 3:

Site: 000000000000

Weekly Volume

Interval Begin	Mon 3/11/2013		Tue 3/12/2013		Wed 3/13/2013		Thu 3/14/2013		Fri 3/15/2013		Sat 3/16/2013		Sun 3/17/2013		Mon - Fri Average		Week Average	
	Westbou	Eastbou	Westbou	Eastbou	Westbou	Eastbou	Westbou	Eastbou	Westbou	Eastbou	Westbou	Eastbou	Westbou	Eastbou	Westbou	Eastbou	Westbou	Eastbou
12:00 AM	-	-	-	-	10	15	7	18	10	17	29	42	20	41	9.0	16.7	15.2	26.6
1:00 AM	-	-	-	-	2	8	10	4	11	12	19	19	18	19	7.7	8.0	12.0	12.4
2:00 AM	-	-	-	-	7	13	2	10	9	11	7	12	12	14	6.0	11.3	7.4	12.0
3:00 AM	-	-	-	-	2	3	4	6	5	3	4	11	5	6	3.7	4.0	4.0	5.8
4:00 AM	-	-	-	-	3	4	10	3	2	3	4	10	6	11	5.0	3.3	5.0	6.2
5:00 AM	-	-	-	-	17	8	12	4	13	8	4	7	5	4	14.0	6.7	10.2	6.2
6:00 AM	-	-	-	-	79	32	75	29	73	31	16	10	13	4	75.7	30.7	51.2	21.2
7:00 AM	-	-	-	-	180	127	162	151	183	135	51	22	37	15	175.0	137.7	122.6	90.0
8:00 AM	-	-	-	-	242	196	289	200	265	197	144	50	64	24	265.3	197.7	200.8	133.4
9:00 AM	-	-	-	-	232	132	235	121	263	134	251	107	97	50	243.3	129.0	215.6	108.8
10:00 AM	-	-	-	-	160	101	165	93	186	116	295	164	132	70	170.3	103.3	187.6	108.8
11:00 AM	-	-	-	-	174	116	194	115	188	127	253	201	116	82	185.3	119.3	185.0	128.2
12:00 PM	-	-	-	-	242	137	197	133	217	182	269	166	189	113	218.7	150.7	222.8	146.2
1:00 PM	-	-	145	92	207	189	208	166	253	158	259	170	145	101	203.3	151.3	202.8	146.0
2:00 PM	-	-	239	177	280	174	242	163	283	208	210	172	157	119	261.0	180.5	235.2	168.8
3:00 PM	-	-	238	218	237	213	266	215	283	239	188	160	136	135	256.0	221.3	224.7	196.7
4:00 PM	-	-	306	200	325	215	304	208	296	213	185	139	134	105	307.8	209.0	258.3	180.0
5:00 PM	-	-	275	204	315	231	290	240	275	228	144	142	101	137	288.8	225.8	233.3	197.0
6:00 PM	-	-	290	195	255	175	255	190	241	151	162	123	116	99	260.3	177.8	219.8	155.5
7:00 PM	-	-	168	184	163	172	196	219	188	145	158	129	124	92	178.8	180.0	166.2	156.8
8:00 PM	-	-	113	137	105	153	124	156	127	135	136	104	96	80	117.3	145.3	116.8	127.5
9:00 PM	-	-	60	106	57	109	76	98	54	90	74	96	56	61	61.8	100.8	62.8	93.3
10:00 PM	-	-	35	69	38	84	31	74	52	87	71	85	33	52	39.0	78.5	43.3	75.2
11:00 PM	-	-	14	38	26	42	19	43	32	63	34	43	35	33	22.8	46.5	26.7	43.7
Totals	-	-	1883	1620	3358	2649	3373	2659	3509	2693	2967	2184	1847	1467	3375.5	2634.8	3029.4	2346.3
Combined	-		3503		6007		6032		6202		5151		3314		6010.3		5375.7	
Split (%)	-	-	53.8	46.2	55.9	44.1	55.9	44.1	56.6	43.4	57.6	42.4	55.7	44.3	56.2	43.8	56.4	43.6
Peak Hours																		
12:00 AM - 12:00 PM	-	-	-	-	8:30 AM	8:15 AM	8:15 AM	8:15 AM	8:30 AM	8:15 AM	10:00 AM	11:00 AM	10:15 AM	11:00 AM	8:15 AM	8:15 AM	8:30 AM	8:15 AM
Volume	-	-	-	-	262	220	310	202	311	214	295	201	136	82	291.0	212.0	231.2	146.8
Factor	-	-	-	-	0.90	0.92	0.85	0.77	0.77	0.85	0.85	0.82	0.87	0.89	0.82	0.90	0.81	0.94
12:00 PM - 12:00 AM	-	-	4:00 PM	3:45 PM	3:45 PM	3:30 PM	4:15 PM	4:45 PM	3:30 PM	3:30 PM	12:45 PM	12:30 PM	12:15 PM	2:45 PM	4:00 PM	3:45 PM	4:00 PM	3:30 PM
Volume	-	-	306	230	327	247	325	244	325	249	278	197	192	150	307.8	236.5	258.3	199.8
Factor	-	-	0.82	0.78	0.76	0.79	0.86	0.86	0.86	0.75	0.81	0.77	0.89	0.85	0.84	0.77	0.87	0.81

128St/82Ave:
128/82ave:
Description 3:

Site: 000000000000

Weekly Volume

Interval Begin	Mon 3/18/2013 Westbou	Mon 3/18/2013 Eastbou	Tue 3/19/2013 Westbou	Tue 3/19/2013 Eastbou	Wed 3/20/2013 Westbou	Wed 3/20/2013 Eastbou	Thu 3/21/2013 Westbou	Thu 3/21/2013 Eastbou	Fri 3/22/2013 Westbou	Fri 3/22/2013 Eastbou	Sat 3/23/2013 Westbou	Sat 3/23/2013 Eastbou	Sun 3/24/2013 Westbou	Sun 3/24/2013 Eastbou	Mon - Fri Average Westbou	Mon - Fri Average Eastbou	Week Average Westbou	Week Average Eastbou
12:00 AM	12	12	8	22	-	-	-	-	-	-	-	-	-	-	10.0	17.0	10.0	17.0
1:00 AM	8	11	2	9	-	-	-	-	-	-	-	-	-	-	5.0	10.0	5.0	10.0
2:00 AM	5	3	4	2	-	-	-	-	-	-	-	-	-	-	4.5	2.5	4.5	2.5
3:00 AM	2	3	1	2	-	-	-	-	-	-	-	-	-	-	1.5	2.5	1.5	2.5
4:00 AM	7	5	5	4	-	-	-	-	-	-	-	-	-	-	6.0	4.5	6.0	4.5
5:00 AM	23	7	22	6	-	-	-	-	-	-	-	-	-	-	22.5	6.5	22.5	6.5
6:00 AM	69	39	88	34	-	-	-	-	-	-	-	-	-	-	78.5	36.5	78.5	36.5
7:00 AM	182	137	200	134	-	-	-	-	-	-	-	-	-	-	191.0	135.5	191.0	135.5
8:00 AM	265	185	252	195	-	-	-	-	-	-	-	-	-	-	258.5	190.0	258.5	190.0
9:00 AM	237	109	253	145	-	-	-	-	-	-	-	-	-	-	245.0	127.0	245.0	127.0
10:00 AM	145	111	171	111	-	-	-	-	-	-	-	-	-	-	158.0	111.0	158.0	111.0
11:00 AM	173	118	167	130	-	-	-	-	-	-	-	-	-	-	170.0	124.0	170.0	124.0
12:00 PM	191	120	206	116	-	-	-	-	-	-	-	-	-	-	198.5	118.0	198.5	118.0
1:00 PM	186	136	199	123	-	-	-	-	-	-	-	-	-	-	192.5	129.5	192.5	129.5
2:00 PM	256	134	218	177	-	-	-	-	-	-	-	-	-	-	237.0	155.5	237.0	155.5
3:00 PM	257	209	264	196	-	-	-	-	-	-	-	-	-	-	260.5	202.5	260.5	202.5
4:00 PM	319	190	2	0	-	-	-	-	-	-	-	-	-	-	256.8	152.0	256.8	152.0
5:00 PM	283	217	-	-	-	-	-	-	-	-	-	-	-	-	283.0	217.0	283.0	217.0
6:00 PM	237	170	-	-	-	-	-	-	-	-	-	-	-	-	237.0	170.0	237.0	170.0
7:00 PM	118	163	-	-	-	-	-	-	-	-	-	-	-	-	118.0	163.0	118.0	163.0
8:00 PM	75	107	-	-	-	-	-	-	-	-	-	-	-	-	75.0	107.0	75.0	107.0
9:00 PM	49	79	-	-	-	-	-	-	-	-	-	-	-	-	49.0	79.0	49.0	79.0
10:00 PM	23	42	-	-	-	-	-	-	-	-	-	-	-	-	23.0	42.0	23.0	42.0
11:00 PM	15	29	-	-	-	-	-	-	-	-	-	-	-	-	15.0	29.0	15.0	29.0
Totals	3137	2336	2062	1406	-	-	-	-	-	-	-	-	-	-	3095.8	2331.5	3095.8	2331.5
Combined	5473		3468		-		-		-		-		-		5427.3		5427.3	
Split (%)	57.3	42.7	59.5	40.5	-	-	-	-	-	-	-	-	-	-	57.0	43.0	57.0	43.0
Peak Hours																		
12:00 AM - 12:00 PM	8:15 AM	8:15 AM	8:30 AM	8:15 AM	-	-	-	-	-	-	-	-	-	-	8:30 AM	8:15 AM	8:30 AM	8:15 AM
Volume	298	191	288	205	-	-	-	-	-	-	-	-	-	-	289.5	198.0	289.5	198.0
Factor	0.88	0.95	0.88	0.85	-	-	-	-	-	-	-	-	-	-	0.87	0.90	0.87	0.90
12:00 PM - 12:00 AM	4:00 PM	4:45 PM	2:30 PM	3:00 PM	-	-	-	-	-	-	-	-	-	-	4:30 PM	4:45 PM	4:30 PM	4:45 PM
Volume	319	226	277	196	-	-	-	-	-	-	-	-	-	-	302.0	226.0	302.0	226.0
Factor	0.72	0.93	0.96	0.73	-	-	-	-	-	-	-	-	-	-	0.85	0.93	0.85	0.93

128St/82Ave:
128/82ave:
Description 3:

Site: 000000000000
Tuesday, 3/12/2013, 1:10:06 PM -
Tuesday, 3/19/2013, 4:05:03 PM

Speed Grand Totals
A Tube

Hourly Averages

mph	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	70 - < 200
12:00 AM	19.0	1.0	0.7	1.0	3.4	6.6	3.4	2.3	0.3	0.3	0.0	0.0	0.0	0.0
1:00 AM	11.1	0.6	0.6	0.6	2.3	3.7	2.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0
2:00 AM	9.4	0.4	0.7	0.7	1.6	3.3	1.4	0.9	0.4	0.0	0.0	0.0	0.0	0.0
3:00 AM	5.4	0.3	0.1	0.0	1.3	1.4	1.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0
4:00 AM	5.0	0.6	0.1	0.4	0.7	2.1	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0
5:00 AM	10.6	0.4	0.3	0.4	1.7	3.9	2.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0
6:00 AM	41.6	1.4	0.3	2.1	9.7	12.9	12.4	2.1	0.4	0.1	0.0	0.0	0.0	0.0
7:00 AM	98.7	1.6	3.1	6.3	23.6	34.1	23.6	5.0	1.1	0.3	0.0	0.0	0.0	0.0
8:00 AM	124.3	4.3	1.4	8.4	29.7	42.3	30.1	6.9	0.7	0.4	0.0	0.0	0.0	0.0
9:00 AM	125.9	2.0	2.7	7.9	27.9	43.9	29.9	10.0	1.4	0.3	0.0	0.0	0.0	0.0
10:00 AM	123.0	1.4	3.4	8.9	25.4	43.0	29.0	10.3	1.1	0.3	0.1	0.0	0.0	0.0
11:00 AM	129.1	1.4	3.1	11.3	30.1	46.1	25.9	8.0	2.4	0.7	0.0	0.0	0.0	0.0
12:00 PM	148.0	2.1	3.9	10.4	34.4	51.1	32.4	11.6	1.9	0.1	0.0	0.0	0.0	0.0
1:00 PM	136.1	1.9	4.6	9.9	31.1	45.5	32.1	8.5	2.1	0.4	0.0	0.0	0.0	0.0
2:00 PM	140.9	1.8	2.9	8.6	33.8	49.6	31.9	10.4	1.9	0.1	0.0	0.0	0.0	0.0
3:00 PM	144.1	1.4	2.6	9.1	32.5	52.9	31.9	11.1	2.1	0.4	0.1	0.0	0.0	0.0
4:00 PM	119.8	3.0	3.3	8.1	29.4	42.4	25.8	6.3	1.6	0.0	0.0	0.0	0.0	0.0
5:00 PM	139.4	1.4	2.3	7.6	31.4	50.3	31.7	11.4	3.0	0.3	0.0	0.0	0.0	0.0
6:00 PM	136.9	1.6	2.9	5.9	34.9	46.1	33.9	9.0	2.0	0.6	0.1	0.0	0.0	0.0
7:00 PM	129.0	2.4	2.9	6.9	32.1	46.4	29.3	7.4	1.3	0.1	0.1	0.0	0.0	0.0
8:00 PM	110.3	1.6	2.0	7.4	27.7	43.4	20.0	7.1	0.9	0.1	0.0	0.0	0.0	0.0
9:00 PM	80.9	1.0	1.9	6.1	18.1	28.3	18.1	6.0	0.9	0.4	0.0	0.0	0.0	0.0
10:00 PM	59.6	2.6	2.6	5.3	12.4	19.4	12.3	4.0	1.0	0.0	0.0	0.0	0.0	0.0
11:00 PM	32.4	1.1	1.6	2.7	6.1	10.0	7.9	2.3	0.7	0.0	0.0	0.0	0.0	0.0
ADT	2080.4	37.3	49.9	136.0	481.5	728.8	470.2	143.5	27.6	5.0	0.6	0.0	0.0	0.0

Percentile Speeds	50%	85%	90%
(mph)	32.1	37.6	39.4

10 mph Pace Speed 27.1 - 37.1
Number in Pace 9906 (65.6 %)

Average 32.0 mph
Minimum 1.7 mph
Maximum 59.7 mph

Speeds Exceeded	30 mph	40 mph	50 mph
	66.1 %	8.5 %	0.3 %
Count	9987	1282	40

Study Grand Totals

mph	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	70 - < 200
A Tube	15104	269	363	988	3497	5292	3413	1041	201	36	4	0	0	0
		1.8%	2.4%	6.5%	23.2%	35.0%	22.6%	6.9%	1.3%	0.2%	0.0%	0.0%	0.0%	0.0%