



MEMORANDUM

DEPARTMENT OF POLICE



John R. Hohensee
Chief of Police

DATE: February 3, 2011
TO: John R. Hohensee, Police Chief
FROM: Carlos Villanueva, Patrol Sergeant (Thru Channels)
SURVEY: 73rd Court
BETWEEN: 100th and 102nd Street
AT: 73rd Court, 50 feet north of 102nd Street

APPROVED
CHIEF OF POLICE
[Signature] 3/1/11
[Signature] 2/13/11

The results of the Traffic Survey at **73rd Court and 102nd Street** revealed the following information:

January 19, 2011 to February 2, 2011

- The Monday thru Friday average on a one-week period was 2064 vehicles daily.
- The weekly average on a one-week period was 1829 vehicles daily.
- On average, 63% of the vehicles traveled northbound and 37% traveled southbound on 73rd Court.
- The heaviest traffic (peak times) was 8:15AM and 6:00PM.
- The average daily speed on this road was 31.5MPH, the minimum speed recorded was 5.8MPH, and the maximum speed recorded was 49.5MPH. The 85 percentile was 38.5MPH.
- The speed limit at this location is 30 MPH.
- The only recommendation to make for this location at this time is to assign officers on a traffic enforcement detail periodically.

I initiated this survey due to what appeared to be excessive speeding during rush hour.

[Signature] 3/1/11

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

73rd Court
 102nd Street:
 Description 3:

Site:
 Wednesday, 1/19/2011, 11:40:00 AM -
 Wednesday, 2/2/2011, 11:04:00 AM

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	10.7	0.1	0.6	2.1	2.5	2.8	1.7	0.9	0.1	0.0	0.0	0.0	0.0
12:00 AM	6.2	0.1	0.1	0.8	1.2	1.4	1.7	0.7	0.1	0.0	0.0	0.0	0.0
1:00 AM	3.7	0.0	0.1	0.4	1.3	0.9	0.8	0.2	0.1	0.0	0.0	0.0	0.0
2:00 AM	2.4	0.1	0.1	0.5	0.4	0.4	0.6	0.3	0.1	0.0	0.0	0.0	0.0
3:00 AM	1.4	0.0	0.2	0.1	0.4	0.4	0.1	0.2	0.1	0.0	0.0	0.0	0.0
4:00 AM	1.4	0.0	0.0	0.1	0.5	0.2	0.1	0.2	0.1	0.0	0.0	0.0	0.0
5:00 AM	5.6	0.0	0.1	0.6	1.8	1.5	0.7	0.7	0.1	0.0	0.0	0.0	0.0
6:00 AM	35.6	0.1	0.4	4.1	5.8	12.3	7.0	1.4	1.5	0.0	0.0	0.0	0.0
7:00 AM	104.3	0.5	2.1	6.4	18.8	34.1	28.6	11.7	2.0	0.0	0.0	0.0	0.0
8:00 AM	106.9	1.4	2.6	9.3	17.6	33.1	29.4	11.4	2.0	0.0	0.0	0.0	0.0
9:00 AM	87.4	0.6	3.6	7.7	16.2	23.7	22.6	10.4	2.6	0.0	0.0	0.0	0.0
10:00 AM	65.1	0.9	2.6	8.0	14.1	17.2	14.4	6.7	2.2	0.0	0.0	0.0	0.0
11:00 AM	66.9	0.7	3.1	9.7	13.7	15.9	16.3	6.1	1.4	0.0	0.0	0.0	0.0
12:00 PM	75.9	0.6	4.7	11.8	16.9	18.9	15.2	6.4	1.4	0.0	0.0	0.0	0.0
1:00 PM	75.4	2.0	4.9	10.5	16.6	19.6	15.4	5.0	1.5	0.0	0.0	0.0	0.0
2:00 PM	76.9	1.1	4.1	11.2	18.1	18.9	16.4	5.4	1.6	0.0	0.0	0.0	0.0
3:00 PM	84.6	0.9	3.6	12.7	18.3	21.6	17.1	8.3	2.0	0.0	0.0	0.0	0.0
4:00 PM	96.9	1.3	4.2	14.0	19.9	28.0	21.1	6.5	1.8	0.0	0.0	0.0	0.0
5:00 PM	110.8	0.4	3.5	14.3	23.4	34.6	24.4	8.2	1.9	0.0	0.0	0.0	0.0
6:00 PM	96.6	0.6	3.1	13.4	22.5	28.7	20.4	6.9	1.1	0.0	0.0	0.0	0.0
7:00 PM	64.9	0.7	3.1	11.5	17.2	15.0	11.6	4.7	1.0	0.0	0.0	0.0	0.0
8:00 PM	41.4	0.5	2.9	8.0	9.8	9.9	6.6	3.3	0.3	0.0	0.0	0.0	0.0
9:00 PM	29.2	0.3	1.7	5.7	7.4	7.1	4.6	1.8	0.6	0.0	0.0	0.0	0.0
10:00 PM	19.5	0.1	1.7	4.9	3.7	3.4	4.0	1.4	0.3	0.0	0.0	0.0	0.0
11:00 PM	1269.5	13.2	53.2	167.7	268.1	349.6	281.1	111.6	25.1	0.0	0.0	0.0	0.0
ADT													

Percentile Speeds
 (mph)

50% 32.1
 85% 38.5
 90% 40.3

10 mph Pace Speed
 Number in Pace

27.9 - 37.9
 9652 (54.1%)

Average
Minimum
Maximum

31.5 mph
 5.8 mph
 49.5 mph

Speeds Exceeded

35 mph 55 mph
 32.9% 2.0%
 5871 352

Count

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	17838	185	748	2356	3767	4911	3950	1569	352	0	0	0	0
A Tube	1.0%	4.2%	13.2%	21.1%	27.5%	22.1%	8.8%	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%

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

73rd Court
 Site: 73rd Court

73rd Court:
 102nd Street:
 Description 3:

Weekly Volume

Interval	Mon 1/24/2011		Tue 1/25/2011		Wed 1/26/2011		Thu 1/27/2011		Fri 1/28/2011		Sat 1/29/2011		Sun 1/30/2011		Mon - Fri Average		Week Average			
	Northbo	Southbo	Northbo	Southbo	Northbo	Southbo	Northbo	Southbo	Northbo	Southbo	Northbo	Southbo	Northbo	Southbo	Northbo	Southbo	Northbo	Southbo		
12:00 AM	2	4	1	1	2	1	7	6	4	3	5	7	15	11	3.2	3.0	5.1	4.7		
1:00 AM	2	1	1	2	0	0	3	3	1	0	5	5	8	11	1.4	1.2	2.9	3.1		
2:00 AM	1	0	2	0	0	0	1	2	0	1	4	4	6	4	0.8	0.8	2.0	1.7		
3:00 AM	1	0	0	0	0	0	1	1	2	0	3	3	1	4	0.8	0.2	1.1	1.1		
4:00 AM	0	0	1	0	1	0	0	0	1	0	3	1	3	2	0.6	0.2	1.3	0.6		
5:00 AM	1	0	1	0	0	0	1	0	1	1	1	0	1	1	0.8	0.2	0.9	0.3		
6:00 AM	0	0	4	2	6	3	6	3	7	1	3	1	3	1	4.6	1.8	4.1	1.6		
7:00 AM	55	6	57	5	55	2	50	2	40	3	15	4	8	2	51.4	3.6	40.0	3.4		
8:00 AM	260	13	285	14	273	11	267	17	251	17	29	1	14	2	267.2	14.4	197.0	10.7		
9:00 AM	226	25	198	19	239	22	248	20	218	22	31	11	16	5	225.8	21.6	168.0	17.7		
10:00 AM	120	28	137	23	127	31	131	29	136	28	53	14	39	10	130.2	27.8	106.1	23.3		
11:00 AM	71	35	84	29	67	28	83	28	73	27	47	32	39	13	75.6	29.4	66.3	27.4		
12:00 PM	53	35	57	43	54	31	57	24	52	35	69	35	39	26	54.6	33.6	54.4	32.7		
1:00 PM	65	32	58	37	57	49	64	50	60	40	74	37	41	34	57.4	41.6	57.4	39.9		
2:00 PM	52	45	52	45	49	40	64	54	44	58	71	41	46	27	52.2	48.4	54.0	44.3		
3:00 PM	50	53	55	29	61	41	56	30	65	51	55	48	39	30	57.4	40.8	54.4	40.3		
4:00 PM	49	74	64	64	59	60	73	63	72	57	54	46	36	36	63.4	63.8	58.1	57.3		
5:00 PM	64	85	60	82	50	74	63	85	59	87	53	42	38	43	59.2	82.6	61.4	71.1		
6:00 PM	63	151	63	145	64	134	75	161	71	159	48	45	46	32	67.2	150.0	61.4	118.1		
7:00 PM	55	116	55	99	37	96	55	88	58	88	106	56	32	30	52.0	97.4	56.9	81.9		
8:00 PM	24	43	38	42	32	51	52	48	46	39	141	37	26	24	38.4	44.6	51.3	40.6		
9:00 PM	32	18	16	25	20	22	19	28	23	30	28	28	21	15	22.0	24.6	28.3	23.7		
10:00 PM	7	13	12	13	13	15	15	23	17	15	45	39	11	13	12.8	15.8	17.1	18.7		
11:00 PM	8	3	5	7	9	9	17	7	17	8	26	26	7	5	11.2	6.8	12.7	9.3		
Totals	1261	781	1306	727	1275	721	1391	772	1318	770	1008	563	535	381	1310.2	754.2	1156.3	673.6		
Combined Split (%)	2042	61.8	2033	35.8	1996	36.1	2163	35.7	2088	36.9	1571	35.8	916	41.6	2064.4	36.5	1829.9	63.2	36.8	
Peak Hours	8:15 AM	11:00 AM	8:00 AM	11:00 AM	8:30 AM	9:45 AM	8:15 AM	9:30 AM	8:15 AM	10:15 AM	10:15 AM	11:00 AM	10:30 AM	11:00 AM	8:15 AM	11:00 AM	8:15 AM	11:00 AM	8:15 AM	11:00 AM
12:00 AM - 12:00 PM	264	35	285	29	305	33	279	31	274	34	61	32	43	13	279.0	29.4	205.0	27.4		
Volume Factor	0.86	0.88	0.79	0.66	0.85	0.92	0.84	0.70	0.93	0.94	0.80	0.80	0.77	0.54	0.91	0.85	0.91	0.89		
12:00 PM - 12:00 AM	75	151	72	145	66	134	77	161	78	159	156	58	48	47	67.6	150.0	62.9	118.1		
Volume Factor	0.75	0.74	0.82	0.91	0.75	0.84	0.77	0.73	0.85	0.86	0.93	0.91	0.80	0.69	0.85	0.81	0.88	0.88		

**Fatal CRASH ON Dixie Causing Detoured Traffic to USE 73CT*

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

73rd Court:
102nd Street:
Description 3:

Site: 73rd Court

Weekly Volume

Interval	Mon 1/17/2011		Tue 1/18/2011		Wed 1/19/2011		Thu 1/20/2011		Fri 1/21/2011		Sat 1/22/2011		Sun 1/23/2011		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	-	-	-	-	-	-	4	3	8	8	9	10	17	18	6.0	5.5	9.5	9.8
1:00 AM	-	-	-	-	-	-	2	2	3	2	9	8	7	7	2.5	2.0	5.3	4.8
2:00 AM	-	-	-	-	-	-	1	1	0	3	2	6	6	5	0.5	2.0	2.3	3.8
3:00 AM	-	-	-	-	-	-	0	0	0	4	4	3	4	3	0.0	2.0	2.0	2.5
4:00 AM	-	-	-	-	-	-	0	0	4	0	1	0	4	0	2.0	0.0	2.3	0.0
5:00 AM	-	-	-	-	-	-	1	1	1	0	2	1	3	3	1.0	0.0	1.8	1.0
6:00 AM	-	-	-	-	-	-	11	1	2	2	5	1	2	1	6.5	1.5	5.0	1.3
7:00 AM	-	-	-	-	-	-	47	5	46	6	15	2	1	1	46.5	5.5	27.3	3.5
8:00 AM	-	-	-	-	-	-	270	16	237	13	20	6	14	1	253.5	14.5	135.3	9.0
9:00 AM	-	-	-	-	-	-	226	20	181	18	42	17	29	6	203.5	30.5	119.5	15.3
10:00 AM	-	-	-	-	-	-	114	30	111	31	59	17	36	9	112.5	19.0	80.0	21.8
11:00 AM	-	-	-	-	-	-	104	25	99	36	57	29	44	18	96.0	32.4	75.8	28.4
12:00 PM	-	-	-	-	-	-	50	34	67	33	55	40	53	29	57.0	32.0	55.8	33.0
1:00 PM	-	-	-	-	-	-	57	47	67	55	55	50	55	36	61.7	43.0	59.0	43.0
2:00 PM	-	-	-	-	-	-	62	49	54	52	54	37	55	30	56.0	53.7	55.4	45.6
3:00 PM	-	-	-	-	-	-	56	45	60	54	61	60	41	42	58.7	52.7	55.6	52.2
4:00 PM	-	-	-	-	-	-	66	55	71	63	54	45	54	32	66.0	61.3	61.2	52.2
5:00 PM	-	-	-	-	-	-	57	100	55	94	40	49	36	43	55.7	95.0	48.6	75.4
6:00 PM	-	-	-	-	-	-	52	169	57	140	44	50	34	33	56.0	149.0	49.2	106.0
7:00 PM	-	-	-	-	-	-	33	88	34	111	49	37	30	33	39.7	96.7	39.6	72.0
8:00 PM	-	-	-	-	-	-	29	36	38	44	31	28	23	20	34.0	42.0	31.2	34.8
9:00 PM	-	-	-	-	-	-	15	28	22	24	20	21	25	18	19.3	27.7	20.6	24.4
10:00 PM	-	-	-	-	-	-	19	19	22	15	19	21	9	14	17.3	13.3	16.0	15.0
11:00 PM	-	-	-	-	-	-	9	8	9	9	24	29	7	7	8.0	8.3	11.0	12.2
Totals	-	-	-	-	-	-	1285	781	1248	817	731	567	589	409	1259.8	789.6	969.0	666.5
Combined Split (%)	-	-	-	-	-	-	2066	37.8	2065	39.6	1298	43.7	998	41.0	2049.4	38.5	1635.5	40.8
Peak Hours	-	-	-	-	-	-	8:15 AM	10:45 AM	8:00 AM	11:00 AM	10:45 AM	11:00 AM	11:00 AM	10:45 AM	8:00 AM	11:00 AM	8:15 AM	11:00 AM
12:00 AM - 12:00 PM	-	-	-	-	-	-	283	31	237	36	66	29	44	19	253.5	32.2	136.8	28.3
Volume Factor	-	-	-	-	-	-	0.96	0.86	0.85	0.75	0.83	0.73	0.65	0.68	0.89	0.85	0.91	0.96
12:00 PM - 12:00 AM	-	-	-	-	-	-	4:30 PM	6:00 PM	4:15 PM	6:15 PM	2:45 PM	3:00 PM	1:15 PM	4:45 PM	4:30 PM	6:00 PM	4:00 PM	6:00 PM
Volume Factor	-	-	-	-	-	-	0.67	0.81	0.82	0.76	0.81	0.83	0.88	0.77	0.81	0.85	0.81	0.88

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

Site: 73rd Court

73rd Court:
 102nd Street:
 Description 3:

Weekly Volume

Interval	1/31/2011		Tue 2/1/2011		Wed 2/2/2011		Thu 2/3/2011		Fri 2/4/2011		Sat 2/5/2011		Sun 2/6/2011		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	3	4	3	0	3	5	-	-	-	-	-	-	-	-	-	3.0	3.0	3.0	3.0
1:00 AM - 2:00 AM	4	1	1	1	1	3	-	-	-	-	-	-	-	-	-	2.0	1.7	2.0	1.7
2:00 AM - 3:00 AM	1	0	1	2	0	0	-	-	-	-	-	-	-	-	-	0.7	0.7	0.7	0.7
3:00 AM - 4:00 AM	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0
4:00 AM - 5:00 AM	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	0.0	0.0	0.0	0.0
5:00 AM - 6:00 AM	2	0	1	0	0	0	-	-	-	-	-	-	-	-	-	1.0	1.0	1.0	1.0
6:00 AM - 7:00 AM	1	0	6	1	7	2	-	-	-	-	-	-	-	-	-	4.7	4.7	4.7	4.7
7:00 AM - 8:00 AM	62	6	56	4	51	5	-	-	-	-	-	-	-	-	-	56.3	5.0	56.3	5.0
8:00 AM - 9:00 AM	277	12	280	17	280	20	-	-	-	-	-	-	-	-	-	279.0	16.3	279.0	16.3
9:00 AM - 10:00 AM	221	19	254	22	231	31	-	-	-	-	-	-	-	-	-	235.3	24.0	235.3	24.0
10:00 AM - 11:00 AM	122	30	101	25	116	34	-	-	-	-	-	-	-	-	-	113.0	29.7	113.0	29.7
11:00 AM - 12:00 PM	57	26	64	29	5	0	-	-	-	-	-	-	-	-	-	56.0	24.4	56.0	24.4
12:00 PM - 1:00 PM	70	25	57	33	-	-	-	-	-	-	-	-	-	-	-	63.5	29.0	63.5	29.0
1:00 PM - 2:00 PM	52	39	39	35	-	-	-	-	-	-	-	-	-	-	-	45.5	37.0	45.5	37.0
2:00 PM - 3:00 PM	59	45	52	51	-	-	-	-	-	-	-	-	-	-	-	55.5	48.0	55.5	48.0
3:00 PM - 4:00 PM	62	49	61	57	-	-	-	-	-	-	-	-	-	-	-	61.5	53.0	61.5	53.0
4:00 PM - 5:00 PM	73	68	62	63	-	-	-	-	-	-	-	-	-	-	-	67.5	65.5	67.5	65.5
5:00 PM - 6:00 PM	55	91	55	96	-	-	-	-	-	-	-	-	-	-	-	55.0	93.5	55.0	93.5
6:00 PM - 7:00 PM	65	149	48	148	-	-	-	-	-	-	-	-	-	-	-	56.5	148.5	56.5	148.5
7:00 PM - 8:00 PM	49	95	61	103	-	-	-	-	-	-	-	-	-	-	-	55.0	99.0	55.0	99.0
8:00 PM - 9:00 PM	32	44	44	45	-	-	-	-	-	-	-	-	-	-	-	38.0	44.5	38.0	44.5
9:00 PM - 10:00 PM	14	16	24	23	-	-	-	-	-	-	-	-	-	-	-	19.0	19.5	19.0	19.5
10:00 PM - 11:00 PM	14	19	13	10	-	-	-	-	-	-	-	-	-	-	-	13.5	14.5	13.5	14.5
11:00 PM - Totals	4	11	5	8	-	-	-	-	-	-	-	-	-	-	-	4.5	9.5	4.5	9.5
Totals	1299	749	1288	773	694	100	-	-	-	-	-	-	-	-	-	1286.0	767.3	1286.0	767.3
Combined Split (%)	2048	36.6	2061	37.5	794	12.6	-	-	-	-	-	-	-	-	-	2053.3	37.4	2053.3	37.4
Peak Hours	8:00 AM - 12:00 PM	10:45 AM	8:15 AM - 12:00 AM	11:00 AM	8:15 AM - 9:15 AM	9:15 AM	-	-	-	-	-	-	-	-	-	8:15 AM	9:30 AM	8:15 AM	9:30 AM
Volume Factor	277	31	312	29	282	36	-	-	-	-	-	-	-	-	-	290.0	30.3	290.0	30.3
	0.85	0.86	0.93	0.66	0.82	0.90	-	-	-	-	-	-	-	-	-	0.91	0.84	0.91	0.84
12:00 PM - 12:00 AM	4:00 PM - 6:00 PM	6:00 PM	3:15 PM - 5:45 PM	5:45 PM	-	-	-	-	-	-	-	-	-	-	-	4:00 PM	6:00 PM	4:00 PM	6:00 PM
Volume Factor	73	149	62	148	-	-	-	-	-	-	-	-	-	-	-	67.5	148.5	67.5	148.5
	0.73	0.91	0.86	0.86	-	-	-	-	-	-	-	-	-	-	-	0.84	0.88	0.84	0.88