




Samuel Ceballos, Jr.
Chief of Police
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MEMORANDUM
Department of Police

DATE: June 3, 2016
TO: Chief Samuel Ceballos, Jr.
FROM: Sergeant Heather Schry  1384
RE: Traffic Survey conducted at 12601 SW 81st Ave

The results of the traffic survey conducted at 12601 SW 81st Ave were as follows:

May 31st - June 2nd 2016

- The daily average was 316 vehicles
- On average, 90% of the vehicles travel south and 10% travel north on SW 81st Ave.
- The heaviest traffic (peak times) were 7:45 am and 5:15 pm (both southbound)
- The average daily speed on this road was 29.3mph, the minimum speed recorded was 10.2mph, and the maximum speed recorded was 56.6mph. The 85 percentile was 37.8mph.
- The speed limit at this location is 30mph.



Box A

126/81
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126/81

Site: 126/81

Seven Day Volume (Volume factor 0.5)

Interval	Tue 5/31/2016		Wed 6/1/2016		Thu 6/2/2016		Fri 6/3/2016		Sat 6/4/2016		Sun 6/5/2016		Mon 6/6/2016		Mon - Fri Average		7 Day Average			
	northbo	southbo	northbo	southbo	northbo	southbo	northbo	southbo	northbo	southbo	northbo	southbo	northbo	southbo	northbo	southbo	northbo	southbo		
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
01:00	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
05:00	1	1	0	1	0	0	1	1	1	1	1	1	1	1	0.3	1.0	0.3	1.0	1.0	
06:00	0	4	1	5	1	2	2	2	2	2	2	2	2	0.7	3.7	0.7	3.7	0.7	3.7	
07:00	0	28	0	19	3	16	3	16	3	16	3	16	3	1.0	21.0	1.0	21.0	1.0	21.0	
08:00	3	21	5	17	4	17	4	17	4	17	4	17	4	4.0	18.3	4.0	18.3	4.0	18.3	
09:00	4	14	2	8	4	10	4	10	4	10	4	10	4	3.3	10.7	3.3	10.7	3.3	10.7	
10:00	2	5	3	8	0	19	0	19	0	19	0	19	0	1.7	10.7	1.7	10.7	1.7	10.7	
11:00	2	14	3	18	4	10	4	10	4	10	4	10	4	3.0	14.0	3.0	14.0	3.0	14.0	
12:00	0	7	1	16	3	4	4	4	4	4	4	4	4	1.3	9.0	1.3	9.0	1.3	9.0	
13:00	0	13	1	14	4	10	4	10	4	10	4	10	4	2.0	12.3	2.0	12.3	2.0	12.3	
14:00	2	20	2	20	2	24	2	24	2	24	2	24	2	2.0	21.3	2.0	21.3	2.0	21.3	
15:00	4	31	0	16	3	8	3	8	3	8	3	8	3	2.3	18.3	2.3	18.3	2.3	18.3	
16:00	4	32	0	21	2	17	2	17	2	17	2	17	2	2.0	23.3	2.0	23.3	2.0	23.3	
17:00	4	40	1	59	1	57	1	57	1	57	1	57	1	2.0	52.0	2.0	52.0	2.0	52.0	
18:00	3	45	0	40	0	28	0	28	0	28	0	28	0	1.0	37.7	1.0	37.7	1.0	37.7	
19:00	1	16	3	17	0	12	0	12	0	12	0	12	0	1.3	15.0	1.3	15.0	1.3	15.0	
20:00	0	7	2	7	1	13	1	13	1	13	1	13	1	1.0	9.0	1.0	9.0	1.0	9.0	
21:00	0	4	1	3	2	4	2	4	2	4	2	4	2	1.0	3.7	1.0	3.7	1.0	3.7	
22:00	0	3	0	1	2	0	0	0	0	0	0	0	0	0.7	1.3	0.7	1.3	0.7	1.3	
23:00	0	1	0	0	0	1	0	1	0	1	0	1	0	0.0	0.5	0.0	0.5	0.0	0.5	
Totals	30	306	26	293	36	256	0	256	0	256	0	256	0	30.7	284.8	30.7	284.8	30.7	284.8	
Combined	336		319		292		0		0		0		0		315.5		315.5		284.8	
Split (%)	8.9		91.1		8.2		91.8		12.3		87.7		-		9.7		90.3		9.7	

Peak Hours

00:00 - 12:00	08:15	07:00	08:00	07:00	08:30	07:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volume	5	28	5	19	6	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Factor	0.63	0.78	0.63	0.53	0.38	0.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12:00 - 00:00	15:15	17:30	19:00	17:15	13:15	17:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volume	5	59	3	69	5	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Factor	0.63	0.92	0.38	0.96	0.63	0.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Speed Grand Totals

Site: 126/81
Tuesday, 5/31/2016 00:00 -
Thursday, 6/2/2016 23:59

mph	Hourly Averages													Sensor A
	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	0.0	0.0	1.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
00:00	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
01:00	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
03:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
04:00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05:00	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
06:00	4.7	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
07:00	19.0	0.7	0.7	0.7	4.0	4.3	3.7	3.0	3.0	1.7	0.0	0.0	0.0	0.0
08:00	20.7	2.0	1.7	3.3	4.7	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
09:00	12.3	0.3	1.3	2.0	3.0	3.7	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10:00	12.7	0.3	3.7	2.7	2.3	1.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11:00	16.3	0.7	5.0	3.0	2.3	3.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12:00	12.3	2.0	2.3	3.7	2.0	1.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13:00	14.3	1.0	1.3	4.7	3.7	2.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14:00	23.3	1.0	1.3	2.7	4.3	7.7	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15:00	18.3	0.0	2.3	2.0	6.0	4.7	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16:00	24.0	1.3	3.0	3.3	4.7	4.3	5.3	2.0	0.0	0.0	0.0	0.0	0.0	0.0
17:00	43.7	1.3	3.0	3.3	9.3	10.3	11.7	3.3	0.0	0.0	0.0	0.0	0.0	0.0
18:00	33.0	0.7	2.3	4.0	6.0	10.7	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19:00	14.3	0.3	1.7	2.0	2.3	2.7	4.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
20:00	10.7	1.0	1.0	2.0	1.7	3.3	1.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
21:00	4.3	0.3	0.3	0.3	1.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22:00	1.7	0.0	0.0	0.3	0.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23:00	0.7	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Daily Average	290.3	13.3	31.7	42.3	59.3	68.7	49.0	20.0	4.7	1.0	0.3	0.0	0.0	0.0
Average (Mean)		29.3 mph		10.2 mph		56.6 mph		24.6 - 34.6 mph		390 vehicles (44.8%)				
Percentile Speeds		10%		15%		50%		85%		90%				
(mph)		17.4		19.7		29.8		37.8		39.6				
Speeds Exceeded		30 mph		40 mph		50 mph								
		49.5% (431)		9.0% (78)		0.5% (4)								
Study Grand Totals														
Sensor A	871	40	95	127	178	206	147	60	14	3	1	0	0	0
		4.6%	10.9%	14.6%	20.4%	23.7%	16.9%	6.9%	1.6%	0.3%	0.1%	0.0%	0.0%	0.0%
Total		<15	<20	<25	<30	<35	<40	<45	<50	<55	<60	<65	<70	<200