



MEMORANDUM

DEPARTMENT OF POLICE



John R. Hohensee
Chief of Police

DATE: August 6, 2011
TO: John R. Hohensee, Police Chief
FROM: Carlos Villanueva, Patrol Sergeant (Thru Channels)
SURVEY: 84th Avenue
BETWEEN: 132nd Street and 136th Street
AT: Approx. 13400 SW 84th Avenue

JRH
7/8/11
ac
APPROVED
CHIEF OF POLICE
per 8/8/11

The results of the Traffic Survey at **84th Avenue and 134th Street** revealed the following information:

July 20, 2011 to August 5, 2011

- The Monday thru Friday average on a one-week period was 755 vehicles daily.
- The weekly average on a one-week period was 682 vehicles daily.
- On average, 35% of the vehicles traveled northbound and 65% traveled southbound on 84th Avenue.
- The heaviest traffic (peak times) was 8:00AM and 1:45PM.
- The average daily speed on this road was 28 MPH, the minimum speed recorded was 2 MPH, and the maximum speed recorded was 48 MPH. The 85 percentile was 35 MPH.
- 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.

34 Ave 134 St:
134 St - 84 Ave:
Description 3:

Site:

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Weekly Volume

Interval	Mon 7/18/2011		Tue 7/19/2011		Wed 7/20/2011		Thu 7/21/2011		Fri 7/22/2011		Sat 7/23/2011		Sun 7/24/2011		Mon - Fri Average		Week Average	
	Near lan	Far lane	Near lan	Far lane	Near lan	Far lane	Near lan	Far lane	Near lan	Far lane	Near lan	Far lane	Near lan	Far lane	Near lan	Far lane	Near lan	Far lane
12:00 AM	-	-	-	-	-	-	4	4	1	1	1	4	0	3	2.5	3.0	1.5	3.3
1:00 AM	-	-	-	-	-	-	0	0	1	1	3	2	2	1	1.0	1.0	1.8	1.3
2:00 AM	-	-	-	-	-	-	0	1	0	0	0	0	0	2	0.0	0.5	0.0	1.3
3:00 AM	-	-	-	-	-	-	2	1	1	1	0	2	1	3	1.5	1.0	1.0	1.8
4:00 AM	-	-	-	-	-	-	0	0	0	0	1	1	0	1	0.0	0.0	0.0	0.5
5:00 AM	-	-	-	-	-	-	0	0	1	1	0	0	1	1	0.5	0.5	0.5	0.5
6:00 AM	-	-	-	-	-	-	5	0	3	0	0	1	1	1	4.0	0.0	2.3	0.5
7:00 AM	-	-	-	-	-	-	16	11	10	10	3	7	2	1	13.0	11.5	7.8	7.8
8:00 AM	-	-	-	-	-	-	25	12	20	21	10	13	1	2	22.5	16.5	14.0	12.0
9:00 AM	-	-	-	-	-	-	15	26	28	23	15	19	9	10	21.5	24.5	16.8	19.5
10:00 AM	-	-	-	-	-	-	21	26	18	38	14	27	9	11	19.5	32.0	15.5	25.5
11:00 AM	-	-	-	-	-	-	25	31	15	49	25	36	13	13	22.7	30.7	21.2	28.2
12:00 PM	-	-	-	-	-	-	23	36	26	60	16	41	10	26	25.3	46.3	20.4	41.2
1:00 PM	-	-	-	-	-	-	20	33	17	56	16	47	13	18	22.3	47.7	19.2	41.6
2:00 PM	-	-	-	-	-	-	18	26	29	54	15	30	14	17	23.3	39.0	19.8	32.8
3:00 PM	-	-	-	-	-	-	20	34	32	53	11	16	8	17	24.3	42.3	18.4	32.0
4:00 PM	-	-	-	-	-	-	20	43	27	42	12	30	11	25	22.3	35.3	18.0	32.2
5:00 PM	-	-	-	-	-	-	21	33	23	43	13	27	10	14	24.3	37.3	19.2	30.6
6:00 PM	-	-	-	-	-	-	18	35	16	56	7	33	11	15	19.0	42.7	15.0	35.2
7:00 PM	-	-	-	-	-	-	17	37	16	35	12	18	7	11	16.0	32.3	13.4	25.2
8:00 PM	-	-	-	-	-	-	10	15	25	13	10	18	3	9	17.3	15.0	13.0	14.4
9:00 PM	-	-	-	-	-	-	6	10	6	4	9	6	4	5	5.7	6.7	6.0	6.2
10:00 PM	-	-	-	-	-	-	5	7	2	2	3	8	2	4	4.0	5.7	3.4	5.8
11:00 PM	-	-	-	-	-	-	2	6	2	3	5	8	1	2	2.7	4.0	2.8	4.4
Totals	-	-	-	-	-	-	312	428	319	570	200	396	133	212	315.3	475.5	250.8	403.6
Combined Split (%)	-	-	-	-	-	-	740	57.8	889	64.1	596	66.4	345	61.4	790.8	60.1	654.3	61.7
Peak Hours	-	-	-	-	-	-	8:00 AM	10:45 AM	9:15 AM	11:00 AM	11:00 AM	10:45 AM	11:00 AM	9:45 AM	10:45 AM	9:30 AM	11:00 AM	11:00 AM
12:00 AM -	-	-	-	-	-	-	25	37	30	49	25	36	13	16	24.0	32.0	21.2	28.2
Volume	-	-	-	-	-	-	0.78	0.77	0.83	0.77	0.69	0.75	0.65	0.57	0.86	0.84	0.80	0.93
Factor	-	-	-	-	-	-	4:30 PM	3:45 PM	2:30 PM	2:45 PM	12:30 PM	12:30 PM	1:30 PM	12:15 PM	4:30 PM	12:45 PM	1:30 PM	12:45 PM
12:00 PM -	-	-	-	-	-	-	32	45	32	65	19	55	21	28	27.3	47.7	22.4	44.0
Volume	-	-	-	-	-	-	0.73	0.94	0.80	0.90	0.79	0.86	0.88	0.64	0.89	0.92	0.93	0.89
Factor	-	-	-	-	-	-	0.73	0.94	0.80	0.90	0.79	0.86	0.88	0.64	0.89	0.92	0.93	0.89

84 Ave 134 St:
134 St - 84 Ave:
Description 3:

Site:

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Weekly Volume

Interval	Mon 7/25/2011		Tue 7/26/2011		Wed 7/27/2011		Thu 7/28/2011		Fri 7/29/2011		Sat 7/30/2011		Sun 7/31/2011		Mon - Fri Average		Week Average		
	Near lan	Far lane	Near lan	Far lane	Near lan	Far lane	Near lan	Far lane	Near lan	Far lane	Near lan	Far lane	Near lan	Far lane	Near lan	Far lane	Near lan	Far lane	
12:00 AM - 1:00 AM	1	5	0	4	0	2	1	2	1	1	3	2	1	1	0.6	3.4	1.0	3.1	
1:00 AM - 2:00 AM	0	1	1	1	0	1	2	2	3	0	0	2	1	4	0.6	1.0	1.4	1.4	
2:00 AM - 3:00 AM	0	1	0	0	1	1	1	0	1	0	0	0	0	0	0.6	0.4	0.4	0.6	
3:00 AM - 4:00 AM	1	1	1	0	2	1	1	1	1	1	0	1	1	0	0.2	0.8	1.0	0.7	
4:00 AM - 5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0.2	0.1	0.1	
5:00 AM - 6:00 AM	2	0	3	1	1	0	0	0	1	0	1	1	2	1	1.4	0.2	1.4	0.4	
6:00 AM - 7:00 AM	5	0	5	1	4	2	4	4	5	4	0	0	0	0	4.6	2.2	3.3	2.0	
7:00 AM - 8:00 AM	9	7	14	5	15	9	10	10	14	9	4	5	2	2	13.2	8.0	10.3	6.7	
8:00 AM - 9:00 AM	34	15	25	18	24	19	24	17	26	20	9	14	2	3	26.6	17.8	20.6	15.1	
9:00 AM - 10:00 AM	22	20	25	25	21	29	23	20	31	31	17	18	7	5	19.8	25.6	17.6	21.6	
10:00 AM - 11:00 AM	9	30	17	25	23	25	13	35	24	28	15	29	15	12	17.2	28.6	16.6	26.3	
11:00 AM - 12:00 PM	21	27	17	38	16	40	14	40	14	48	19	35	14	21	16.4	35.6	16.4	35.6	
12:00 PM - 1:00 PM	19	42	12	44	18	29	17	52	31	43	18	51	7	15	19.4	42.0	17.4	39.4	
1:00 PM - 2:00 PM	18	41	1	40	25	37	18	37	18	50	21	30	17	28	21.6	41.8	20.9	38.1	
2:00 PM - 3:00 PM	19	57	14	43	16	26	20	52	23	44	18	31	11	23	18.4	44.4	17.3	39.4	
3:00 PM - 4:00 PM	15	47	11	36	18	42	16	38	20	52	14	29	11	24	16.0	43.0	15.0	38.3	
4:00 PM - 5:00 PM	15	39	17	42	23	37	24	36	21	45	27	24	14	24	20.0	39.8	19.0	35.7	
5:00 PM - 6:00 PM	18	39	16	32	16	35	17	44	17	43	15	24	9	11	16.8	38.6	15.4	32.6	
6:00 PM - 7:00 PM	19	48	15	40	18	41	17	23	18	28	17	19	12	12	17.4	36.0	16.6	30.1	
7:00 PM - 8:00 PM	10	28	11	30	12	30	9	38	23	30	11	34	13	8	13.0	31.2	12.7	28.3	
8:00 PM - 9:00 PM	5	20	9	11	16	22	7	24	13	23	10	10	8	9	10.0	20.0	9.7	17.0	
9:00 PM - 10:00 PM	8	8	7	11	4	4	6	16	13	13	15	10	6	5	7.6	11.0	8.4	10.0	
10:00 PM - 11:00 PM	4	3	3	4	2	6	5	8	4	6	4	6	4	4	3.6	5.4	3.7	5.1	
11:00 PM - Totals	3	4	6	5	2	7	0	1	3	9	6	5	5	4	2.8	5.2	3.6	5.0	
Totals	257	483	251	457	277	452	259	503	305	531	239	386	161	218	269.8	485.2	249.9	432.9	
Combined Split (%)	740	708	35.5	64.5	38.0	62.0	34.0	66.0	36.5	63.5	38.2	61.8	42.5	57.5	755.0	64.3	682.7	63.4	
Peak Hours	8:00 AM	9:45 AM	8:30 AM	11:00 AM	7:45 AM	11:00 AM	8:00 AM	11:00 AM	8:00 AM	11:00 AM	10:30 AM	11:00 AM	10:00 AM	11:00 AM	8:00 AM	11:00 AM	8:00 AM	11:00 AM	11:00 AM
12:00 PM - Volume Factor	34	32	31	38	26	40	24	40	26	48	20	35	15	21	26.6	38.6	20.6	35.6	
	0.65	0.80	0.65	0.73	0.65	1.00	0.67	0.67	0.59	0.86	0.63	0.88	0.94	0.75	0.83	0.86	0.86	0.92	
12:00 PM - Volume Factor	22	57	21	48	27	43	27	52	31	54	22	51	19	28	22.0	45.0	20.9	39.4	
	0.69	0.84	0.75	0.86	0.61	0.83	0.75	0.62	0.78	0.79	0.79	0.91	0.68	0.64	0.83	0.97	0.91	0.93	

* Near Lane = Northbound
* Far Lane = Southbound

84 Ave 134 St:
134 St - 84 Ave:
Description 3:

Site:

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Weekly Volume

Interval	Mon 8/1/2011		Tue 8/2/2011		Wed 8/3/2011		Thu 8/4/2011		Fri 8/5/2011		Sat 8/6/2011		Sun 8/7/2011		Mon - Fri Average		Week Average		
	Near lan	Far lane	Near lan	Far lane	Near lan	Far lane	Near lan	Far lane	Near lan	Far lane	Near lan	Far lane	Near lan	Far lane	Near lan	Far lane	Near lan	Far lane	
12:00 AM	0	0	1	3	0	1	5	4	3	6	-	-	-	-	1.8	2.8	1.8	2.8	
1:00 AM	0	1	2	1	1	1	2	1	1	3	-	-	-	-	1.2	1.2	1.2	1.2	
2:00 AM	1	2	0	0	2	0	2	2	0	1	-	-	-	-	1.0	1.0	1.0	1.0	
3:00 AM	0	0	2	0	1	0	2	1	1	1	-	-	-	-	1.2	0.4	1.2	0.4	
4:00 AM	0	0	0	0	0	0	0	0	0	1	-	-	-	-	0.0	0.4	0.0	0.4	
5:00 AM	1	2	2	2	2	1	1	1	0	0	-	-	-	-	1.2	0.6	1.2	0.6	
6:00 AM	3	4	3	3	3	0	5	1	4	3	-	-	-	-	3.8	1.6	3.8	1.6	
7:00 AM	9	11	8	8	10	12	10	16	3	2	-	-	-	-	9.6	9.8	9.6	9.8	
8:00 AM	20	18	24	17	25	19	22	13	-	-	-	-	-	-	22.8	16.8	22.8	16.8	
9:00 AM	15	31	17	21	22	32	19	24	-	-	-	-	-	-	18.3	27.0	18.3	27.0	
10:00 AM	18	36	17	34	14	39	19	36	-	-	-	-	-	-	17.0	36.3	17.0	36.3	
11:00 AM	17	48	12	53	13	35	18	52	-	-	-	-	-	-	15.0	47.0	15.0	47.0	
12:00 PM	18	45	17	49	19	53	16	48	-	-	-	-	-	-	17.5	48.8	17.5	48.8	
1:00 PM	18	50	24	46	19	38	18	33	-	-	-	-	-	-	19.8	41.8	19.8	41.8	
2:00 PM	19	49	17	36	22	32	16	58	-	-	-	-	-	-	18.5	43.8	18.5	43.8	
3:00 PM	21	52	18	35	18	29	18	40	-	-	-	-	-	-	18.8	39.0	18.8	39.0	
4:00 PM	22	34	10	40	21	20	18	40	-	-	-	-	-	-	17.8	33.5	17.8	33.5	
5:00 PM	17	36	17	50	17	32	15	41	-	-	-	-	-	-	16.5	39.8	16.5	39.8	
6:00 PM	14	31	18	37	21	42	13	43	-	-	-	-	-	-	16.5	38.3	16.5	38.3	
7:00 PM	16	38	17	23	21	27	17	24	-	-	-	-	-	-	17.8	28.0	17.8	28.0	
8:00 PM	13	29	6	17	8	19	7	14	-	-	-	-	-	-	8.5	19.8	8.5	19.8	
9:00 PM	5	7	5	6	11	6	2	7	-	-	-	-	-	-	5.8	6.5	5.8	6.5	
10:00 PM	4	3	3	8	3	8	6	8	-	-	-	-	-	-	4.0	6.8	4.0	6.8	
11:00 PM	3	6	1	3	6	9	1	2	-	-	-	-	-	-	2.8	5.0	2.8	5.0	
Totals	254	526	245	487	279	455	252	510	12	17	-	-	-	-	256.8	495.5	256.8	495.5	
Combined Split (%)	780	32.6	732	66.5	734	62.0	762	66.9	29	41.4	58.6	-	-	-	752.3	65.9	34.1	752.3	65.9
Peak Hours	8:15 AM	11:00 AM	8:00 AM	11:00 AM	7:45 AM	10:30 AM	10:15 AM	10:45 AM	6:30 AM	12:00 AM	-	-	-	-	8:00 AM	10:45 AM	8:00 AM	10:45 AM	10:45 AM
12:00 AM - Volume Factor	24	48	24	53	26	47	25	57	6	6	6	-	-	-	22.8	48.5	22.8	48.5	48.5
12:00 PM - Volume Factor	0.75	0.75	0.86	0.70	0.93	0.69	0.69	0.79	0.75	0.75	0.75	-	-	-	0.84	0.93	0.84	0.93	0.93
12:00 PM - Volume Factor	24	55	24	53	24	57	20	58	-	-	-	-	-	-	20.5	51.5	20.5	51.5	51.5
12:00 PM - Volume Factor	0.75	0.76	0.75	0.83	0.75	0.89	0.56	0.76	-	-	-	-	-	-	0.89	0.90	0.89	0.90	0.90