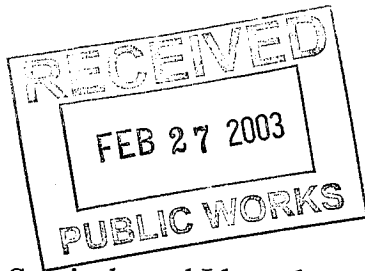


To: Stan Rickard, Director of Public Works
From: John Johnson, Technical Services Supervisor JJ
Date: March 24, 2003
Subject: Request for Stop Signs at Pinebrook and Aspen

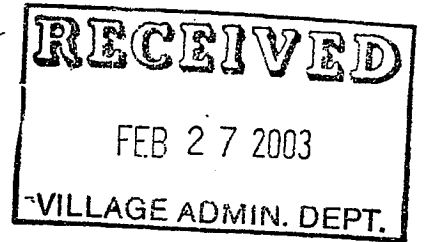
Ms. Allyn Stanicek of 939 Aspen Dr. requested stop signs at Pinebrook and Aspen, east and west. Attached is a map of the area and traffic counts for your review. Accident reports for these intersections were investigated. The results are no accidents occurred at these intersections from January 1, 2001 through December 31, 2002. Both intersections are "T" intersections and have good visibility from all directions. The majority of traffic heading south on Aspen approaching Pinebrook is slowing to 20 MPH or less before turning. The same applies to traffic northbound on Pinebrook approaching Aspen. There is a small percentage of vehicles entering the intersections over 20 MPH.

On the basis of the above information I would recommend installing yield signs to assign right-of-way at the intersections. Yield signs would be installed for southbound Aspen at Pinebrook and northbound Pinebrook at Aspen.

cc: Rick Soderstrom, Trustee, District 6
Richard Tross, Trustee, District 2
Ms. Allyn Stanicek, 939 Aspen Dr.
Transportation and Safety Committee



X-WR



Dear Mr. Mueller:

My name is Allyn Stanicek, and I have been a lifelong resident of Lombard. The main reason I am writing to you today is because of a problem I have noticed in my neighborhood lately. The intersection of Pinebrook Drive and Aspen Drive at the entrance of the neighborhood and also the intersection of these same two streets on the other side of the neighborhood have no stop sign. There have been numerous times where I have had the right of way going through these intersections, but had to stop quickly when another driver turned onto the street that I was on. These drivers usually do not slow down when turning and/or check for other traffic. Is there anything that can be done to correct this?

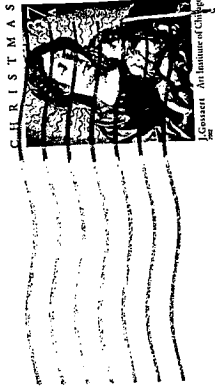
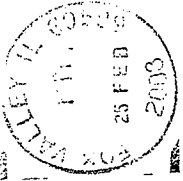
Also, a neighbor of mine has a dog. Whenever they let the dog outside, there is no one outside with the dog to watch it, as they don't have a fence. The dog is then free to go wherever it wants to go. He has done his business in many yards around his owner's home. Since the owner is not outside watching the dog, there is no one to pick up after the dog. The dog has previously run away after not being watched outside, yet his owners still let him outside without supervision. Is there some kind of leash law in Lombard that can be applied to situations like these?

Thank you for taking the time to read this letter.

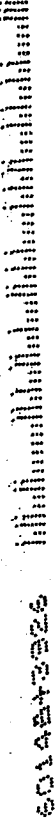
Sincerely,

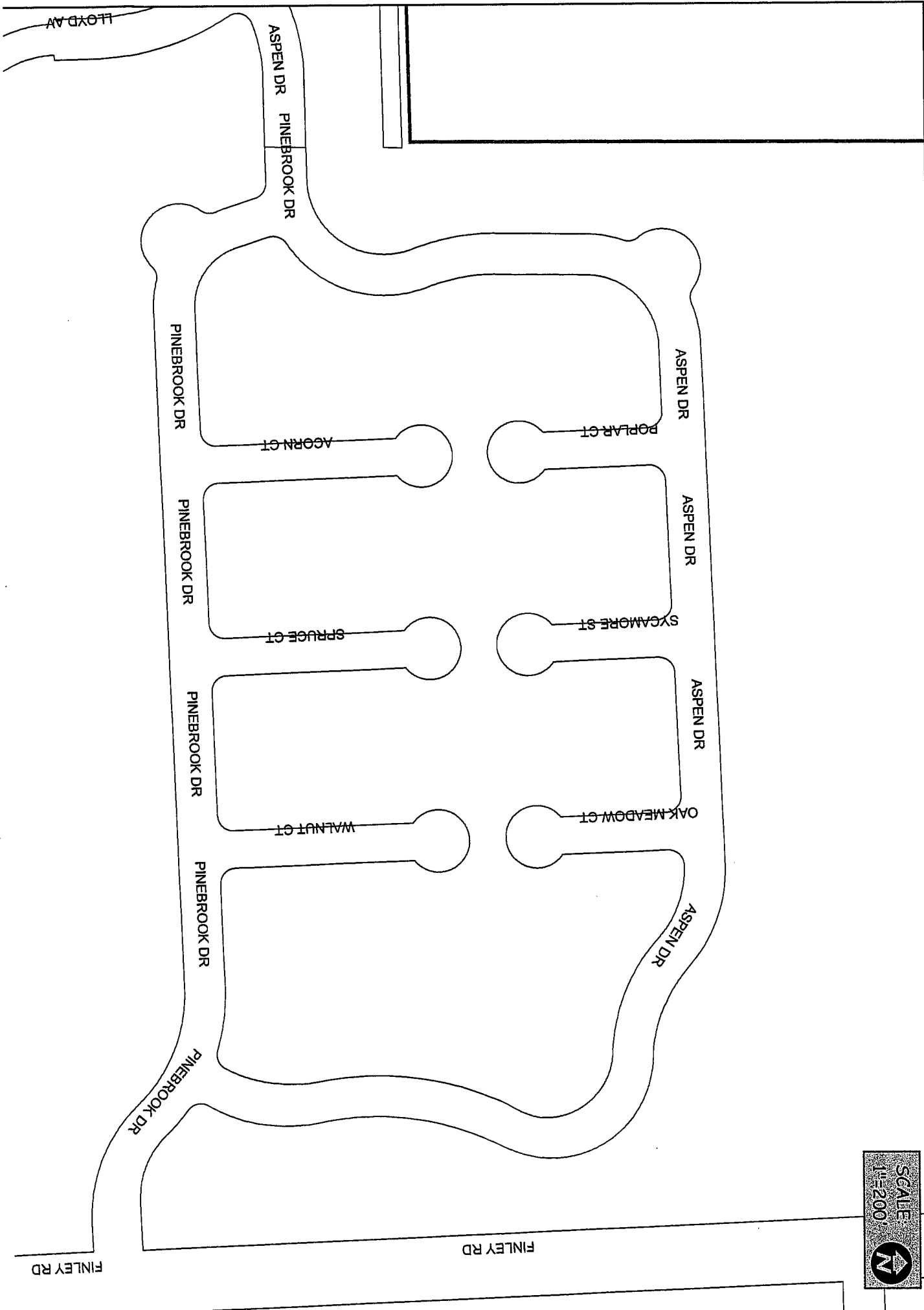
Allyn Stanicek

Alym Stanicek
939 Cooper Drive
Bombard, IL 60148



Bill Mueller, President
c/o Village of Bombard
255 E. Wilson Ave.
Bombard, IL 60148-3969





SCALE
1"=200'
N

Nu-Metrics Traffic Analyzer Study
Computer Generated Summary Report
City: Lombard
Street: E.B.Aspen@Pinebrook (WEST)

A study of vehicle traffic was conducted with HI-STAR unit number 2963. The study was done in the lane on E.B.Aspen@Pinebrook in Lombard, Il in DuPage county. The study began on 03/11/2003 at 02:00 PM and concluded on 03/13/2003 at 02:00 PM, lasting a total of 48 hours. Data was recorded in 60 minute time periods. The total recorded volume of traffic showed 225 vehicles passed through the location with a peak volume of 15 on 03/12/2003 at 05:00 PM and a minimum volume of 0 on 03/12/2003 at 01:00 AM. The AADT Count for this study was 113.

SPEED

Chart 1 lists the values of the speed bins and the total traffic volume for each bin.

Chart 1

0 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 >
0	7	53	99	41	10	4	5	1	3	1	0	1	0	0

At least half of the vehicles were traveling in the 20 - 24 mph range or a lower speed. The average speed for all classified vehicles was 21 mph with 6.67 percent exceeding the posted speed of 30 mph. The HI-STAR found 6.67 percent of the total vehicles were traveling in excess of 30 mph. The mode speed for this traffic study was 20 mph and the 85th percentile was 24.43 mph.

CLASSIFICATION

Chart 2 lists the values of the eight classification bins and the total traffic volume accumulated for each bin.

Chart 2

0 to 20	21 to 27	28 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 >
206	16	3	0	0	0	0	0

Most of the vehicles classified during the study were Passenger Cars. The number of Passenger Cars in the study was 222 which represents 98.70 percent of the total classified vehicles. The number of Small Trucks in the study was 3 which represents 1.30 percent of the total classified vehicles. The number of Trucks/Busses in the study was 0 which represents 0.00 percent of the total classified vehicles. The number of Tractor Trailers in the study was 0 which represents 0.00 percent of the total classified vehicles.

HEADWAY

During the peak time period, on 03/12/2003 at 05:00 PM the average headway between the vehicles was 225.0 seconds. The slowest traffic period was on 03/12/2003 at 01:00 AM. During this slowest period, the average headway was 3600.0 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 29 and 76 degrees Fahrenheit. The HI-STAR determined that the roadway surface was Dry 100.00 percent of the time.

Time/Speed Report

HI-Star ID: 2963	Begin: 03/11/2003 02:00 PM	End: 03/13/2003 02:00 PM
Street: E.B.Aspen@Pinebrook	Lane:	Hours: 48:00
State: IL	Oper: EP	Period: 60
City: Lombard	Posted: 30	Raw Count: 225
County: DuPage	AADT Factor: 1	AADT Count: 113

NC97 - mph	0	10	15	20	25	30	35	40	45	50	55	60	65	70	75	
Date & Time Range	to	to	to	to	to	to	to	to	to	to	to	to	to	to	>	Total
	9	14	19	24	29	34	39	44	49	54	59	64	69	74		
03/11/2003 [02:00 PM-03:00 PM]	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
03/11/2003 [03:00 PM-04:00 PM]	0	1	2	3	1	1	0	0	0	0	0	0	0	0	0	8
03/11/2003 [04:00 PM-05:00 PM]	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	6
03/11/2003 [05:00 PM-06:00 PM]	0	0	3	7	3	0	0	0	0	0	0	0	0	0	0	13
03/11/2003 [06:00 PM-07:00 PM]	0	0	4	6	3	0	0	0	0	0	0	0	0	0	0	13
03/11/2003 [07:00 PM-08:00 PM]	0	0	0	5	0	0	0	1	0	0	0	0	0	0	0	6
03/11/2003 [08:00 PM-09:00 PM]	0	0	2	1	2	1	0	0	0	0	0	0	0	0	0	6
03/11/2003 [09:00 PM-10:00 PM]	0	1	3	3	0	1	0	0	0	0	0	0	0	0	0	8
03/11/2003 [10:00 PM-11:00 PM]	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
03/11/2003 [11:00 PM-12:00 AM]	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
Daily Totals:	0		16		12		1		0		0		0		0	
		2		31		3		1		0		0		0		66
03/12/2003 [12:00 AM-01:00 AM]	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03/12/2003 [01:00 AM-02:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03/12/2003 [02:00 AM-03:00 AM]	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
03/12/2003 [03:00 AM-04:00 AM]	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03/12/2003 [04:00 AM-05:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03/12/2003 [05:00 AM-06:00 AM]	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
03/12/2003 [06:00 AM-07:00 AM]	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0	5
03/12/2003 [07:00 AM-08:00 AM]	0	0	2	2	2	0	0	0	0	0	0	0	0	0	0	6
03/12/2003 [08:00 AM-09:00 AM]	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	3
03/12/2003 [09:00 AM-10:00 AM]	0	0	0	3	2	0	0	0	0	0	0	0	0	0	0	5
03/12/2003 [10:00 AM-11:00 AM]	0	1	5	2	0	1	0	0	0	0	0	0	0	0	0	9
03/12/2003 [11:00 AM-12:00 PM]	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
03/12/2003 [12:00 PM-01:00 PM]	0	0	3	1	1	0	0	0	0	0	0	0	0	0	0	5
03/12/2003 [01:00 PM-02:00 PM]	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	3
03/12/2003 [02:00 PM-03:00 PM]	0	0	1	3	2	0	0	0	0	0	0	0	0	0	0	6
03/12/2003 [03:00 PM-04:00 PM]	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	5
03/12/2003 [04:00 PM-05:00 PM]	0	1	2	6	1	0	0	0	0	0	0	0	0	0	0	10
03/12/2003 [05:00 PM-06:00 PM]	0	0	3	6	1	2	1	1	0	0	0	0	1	0	0	15
03/12/2003 [06:00 PM-07:00 PM]	0	0	0	1	5	1	0	0	0	0	0	0	0	0	0	7
03/12/2003 [07:00 PM-08:00 PM]	0	0	1	2	1	0	1	2	0	0	1	0	0	0	0	8
03/12/2003 [08:00 PM-09:00 PM]	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
03/12/2003 [09:00 PM-10:00 PM]	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	2
03/12/2003 [10:00 PM-11:00 PM]	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2
03/12/2003 [11:00 PM-12:00 AM]	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Daily Totals:	0		21		20		2		0		1		1		0	
		2		46		7		3		1		0		0		104
03/13/2003 [12:00 AM-01:00 AM]	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1

Time/Speed Report

HI-Star ID: 2963	Begin: 03/11/2003 02:00 PM	End: 03/13/2003 02:00 PM
Street: E.B.Aspen@Pinebrook	Lane:	Hours: 48:00
State: IL	Oper: EP	Period: 60
City: Lombard	Posted: 30	Raw Count: 225
County: DuPage	AADT Factor: 1	AADT Count: 113

NC97 - mph	0	10	15	20	25	30	35	40	45	50	55	60	65	70	75	
Date & Time Range	to	to	to	to	to	to	to	to	to	to	to	to	to	to	>	Total
	9	14	19	24	29	34	39	44	49	54	59	64	69	74		

03/13/2003 [01:00 AM-02:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03/13/2003 [02:00 AM-03:00 AM]	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03/13/2003 [03:00 AM-04:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03/13/2003 [04:00 AM-05:00 AM]	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03/13/2003 [05:00 AM-06:00 AM]	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
03/13/2003 [06:00 AM-07:00 AM]	0	0	2	2	2	0	0	0	0	0	0	0	0	0	0	6
03/13/2003 [07:00 AM-08:00 AM]	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
03/13/2003 [08:00 AM-09:00 AM]	0	1	1	1	1	0	0	0	1	0	0	0	0	0	0	5
03/13/2003 [09:00 AM-10:00 AM]	0	0	2	2	0	0	1	0	0	0	0	0	0	0	0	5
03/13/2003 [10:00 AM-11:00 AM]	0	0	1	3	1	0	0	0	0	1	0	0	0	0	0	6
03/13/2003 [11:00 AM-12:00 PM]	0	0	2	3	1	0	0	1	0	1	0	0	0	0	0	8
03/13/2003 [12:00 PM-01:00 PM]	0	2	4	4	2	0	0	0	0	0	0	0	0	0	0	12
03/13/2003 [01:00 PM-02:00 PM]	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	4

Daily Totals: 0 3 16 9 1 1 1 2 0 0 0 0 0 0 0 55

Report Totals: 0 7 53 41 10 4 5 3 1 1 0 1 0 0 0 225

Report Percentages: 0.00% 23.56% 18.22% 1.78% 0.44% 0.44% 0.44% 0.00% 0.00%
 3.11% 44.00% 4.44% 2.22% 1.33% 0.00% 0.00%

**Nu-Metrics Traffic Analyzer Study
 Computer Generated Summary Report
 City: Lombard
 Street: W.B.Aspen@Pinebrook(WEST)**

A study of vehicle traffic was conducted with HI-STAR unit number 809. The study was done in the lane on W.B.Aspen@Pinebrook in Lombard, Il in DuPage county. The study began on 03/11/2003 at 02:00 PM and concluded on 03/13/2003 at 02:00 PM, lasting a total of 48 hours. Data was recorded in 60 minute time periods. The total recorded volume of traffic showed 273 vehicles passed through the location with a peak volume of 21 on 03/11/2003 at 06:00 PM and a minimum volume of 0 on 03/12/2003 at 03:00 AM. The AADT Count for this study was 137.

SPEED

Chart 1 lists the values of the speed bins and the total traffic volume for each bin.

Chart 1

0	10	15	20	25	30	35	40	45	50	55	60	65	70	75
to	to	to	to	to	to	to	to	to	to	to	to	to	to	>
9	14	19	24	29	34	39	44	49	54	59	64	69	74	
0	8	54	116	65	23	3	3	0	0	0	0	0	0	0

At least half of the vehicles were traveling in the 20 - 24 mph range or a lower speed. The average speed for all classified vehicles was 21 mph with 2.21 percent exceeding the posted speed of 30 mph. The HI-STAR found 2.21 percent of the total vehicles were traveling in excess of 30 mph. The mode speed for this traffic study was 20 mph and the 85th percentile was 24.59 mph.

CLASSIFICATION

Chart 2 lists the values of the eight classification bins and the total traffic volume accumulated for each bin.

Chart 2

0	21	28	40	50	60	70	80
to	to	to	to	to	to	to	>
20	27	39	49	59	69	79	
247	18	6	1	0	0	0	0

Most of the vehicles classified during the study were Passenger Cars. The number of Passenger Cars in the study was 265 which represents 97.40 percent of the total classified vehicles. The number of Small Trucks in the study was 6 which represents 2.20 percent of the total classified vehicles. The number of Trucks/Busses in the study was 1 which represents 0.40 percent of the total classified vehicles. The number of Tractor Trailers in the study was 0 which represents 0.00 percent of the total classified vehicles.

HEADWAY

During the peak time period, on 03/11/2003 at 06:00 PM the average headway between the vehicles was 163.64 seconds. The slowest traffic period was on 03/12/2003 at 03:00 AM. During this slowest period, the average headway was 3600.0 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 29 and 78 degrees Fahrenheit. The HI-STAR determined that the roadway surface was Dry 100.00 percent of the time.

Time/Speed Report

HI-Star ID: 809	Begin: 03/11/2003 02:00 PM	End: 03/13/2003 02:00 PM
Street: W.B.Aspen@Pinebrook	Lane:	Hours: 48:00
State: IL	Oper: EP	Period: 60
City: Lombard	Posted: 30	Raw Count: 273
County: DuPage	AADT Factor: 1	AADT Count: 137

NC97 - mph	0	10	15	20	25	30	35	40	45	50	55	60	65	70	75	
Date & Time Range	to	to	to	to	to	to	to	to	to	to	to	to	to	to	>	Total
	9	14	19	24	29	34	39	44	49	54	59	64	69	74		

03/11/2003 [02:00 PM-03:00 PM]	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
03/11/2003 [03:00 PM-04:00 PM]	0	1	1	2	7	1	0	0	0	0	0	0	0	0	0	12
03/11/2003 [04:00 PM-05:00 PM]	0	0	0	7	2	0	0	0	0	0	0	0	0	0	0	9
03/11/2003 [05:00 PM-06:00 PM]	0	0	4	8	4	0	1	0	0	0	0	0	0	0	0	17
03/11/2003 [06:00 PM-07:00 PM]	0	0	5	12	4	0	0	0	0	0	0	0	0	0	0	21
03/11/2003 [07:00 PM-08:00 PM]	0	1	1	2	2	0	0	0	0	0	0	0	0	0	0	6
03/11/2003 [08:00 PM-09:00 PM]	0	0	1	2	0	2	0	0	0	0	0	0	0	0	0	5
03/11/2003 [09:00 PM-10:00 PM]	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
03/11/2003 [10:00 PM-11:00 PM]	0	0	3	0	1	1	0	0	0	0	0	0	0	0	0	5
03/11/2003 [11:00 PM-12:00 AM]	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2

Daily Totals:	0		16		20		1		0		0		0		0		81
		3		37		4		0		0		0		0		0	

03/12/2003 [12:00 AM-01:00 AM]	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2
03/12/2003 [01:00 AM-02:00 AM]	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
03/12/2003 [02:00 AM-03:00 AM]	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03/12/2003 [03:00 AM-04:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03/12/2003 [04:00 AM-05:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03/12/2003 [05:00 AM-06:00 AM]	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	3
03/12/2003 [06:00 AM-07:00 AM]	0	0	1	5	2	1	0	0	0	0	0	0	0	0	0	9
03/12/2003 [07:00 AM-08:00 AM]	0	0	10	5	5	1	0	0	0	0	0	0	0	0	0	21
03/12/2003 [08:00 AM-09:00 AM]	0	1	2	5	3	1	0	0	0	0	0	0	0	0	0	12
03/12/2003 [09:00 AM-10:00 AM]	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	4
03/12/2003 [10:00 AM-11:00 AM]	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	3
03/12/2003 [11:00 AM-12:00 PM]	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03/12/2003 [12:00 PM-01:00 PM]	0	1	3	5	0	0	0	0	0	0	0	0	0	0	0	9
03/12/2003 [01:00 PM-02:00 PM]	0	0	0	3	4	0	0	0	0	0	0	0	0	0	0	7
03/12/2003 [02:00 PM-03:00 PM]	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
03/12/2003 [03:00 PM-04:00 PM]	0	0	1	1	2	2	0	1	0	0	0	0	0	0	0	7
03/12/2003 [04:00 PM-05:00 PM]	0	0	2	3	1	0	0	0	0	0	0	0	0	0	0	6
03/12/2003 [05:00 PM-06:00 PM]	0	0	1	3	3	1	0	1	0	0	0	0	0	0	0	9
03/12/2003 [06:00 PM-07:00 PM]	0	1	1	7	2	1	0	1	0	0	0	0	0	0	0	13
03/12/2003 [07:00 PM-08:00 PM]	0	0	1	5	2	2	0	0	0	0	0	0	0	0	0	10
03/12/2003 [08:00 PM-09:00 PM]	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	4
03/12/2003 [09:00 PM-10:00 PM]	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
03/12/2003 [10:00 PM-11:00 PM]	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
03/12/2003 [11:00 PM-12:00 AM]	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2

Daily Totals:	0		24		31		0		0		0		0		0		130
		3		57		12		3		0		0		0		0	

03/13/2003 [12:00 AM-01:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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Time/Speed Report

HI-Star ID: 809	Begin: 03/11/2003 02:00 PM	End: 03/13/2003 02:00 PM
Street: W.B.Aspen@Pinebrook	Lane:	Hours: 48:00
State: IL	Oper: EP	Period: 60
City: Lombard	Posted: 30	Raw Count: 273
County: DuPage	AADT Factor: 1	AADT Count: 137

NC97 - mph	0	10	15	20	25	30	35	40	45	50	55	60	65	70	75	
Date & Time Range	to	to	to	to	to	to	to	to	to	to	to	to	to	to	>	Total
	9	14	19	24	29	34	39	44	49	54	59	64	69	74		

03/13/2003 [01:00 AM-02:00 AM]	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
03/13/2003 [02:00 AM-03:00 AM]	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
03/13/2003 [03:00 AM-04:00 AM]	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2
03/13/2003 [04:00 AM-05:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03/13/2003 [05:00 AM-06:00 AM]	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
03/13/2003 [06:00 AM-07:00 AM]	0	0	1	2	2	0	0	0	0	0	0	0	0	0	0	5
03/13/2003 [07:00 AM-08:00 AM]	0	1	3	9	2	1	0	0	0	0	0	0	0	0	0	16
03/13/2003 [08:00 AM-09:00 AM]	0	1	3	0	2	0	1	0	0	0	0	0	0	0	0	7
03/13/2003 [09:00 AM-10:00 AM]	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	3
03/13/2003 [10:00 AM-11:00 AM]	0	0	0	1	3	1	0	0	0	0	0	0	0	0	0	5
03/13/2003 [11:00 AM-12:00 PM]	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	4
03/13/2003 [12:00 PM-01:00 PM]	0	0	3	2	2	3	1	0	0	0	0	0	0	0	0	11
03/13/2003 [01:00 PM-02:00 PM]	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2

Daily Totals: 0 14 14 2 0 0 0 0 0 0 0 0 0 0 0 61

Report Totals: 0 54 65 3 0 0 0 0 0 0 0 0 0 0 272

Report Percentages: 0.00% 19.85% 23.90% 1.10% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%

2.94% 42.65% 8.46% 1.10% 0.00% 0.00% 0.00%

Nu-Metrics Traffic Analyzer Study
Computer Generated Summary Report
City: Lombard
Street: N.B.Pinebrook@Aspen (WEST)

A study of vehicle traffic was conducted with HI-STAR unit number 6784. The study was done in the lane on N.B.Pinebrook@Aspen in Lombard, Il in DuPage county. The study began on 03/11/2003 at 02:00 PM and concluded on 03/13/2003 at 02:00 PM, lasting a total of 48 hours. Data was recorded in 60 minute time periods. The total recorded volume of traffic showed 401 vehicles passed through the location with a peak volume of 30 on 03/11/2003 at 05:00 PM and a minimum volume of 0 on 03/12/2003 at 12:00 AM. The AADT Count for this study was 201.

SPEED

Chart 1 lists the values of the speed bins and the total traffic volume for each bin.

Chart 1

0	10	15	20	25	30	35	40	45	50	55	60	65	70	75
to	to	to	to	to	to	to	to	to	to	to	to	to	to	>
9	14	19	24	29	34	39	44	49	54	59	64	69	74	
0	13	118	191	48	13	5	4	2	3	1	0	1	1	1

At least half of the vehicles were traveling in the 20 - 24 mph range or a lower speed. The average speed for all classified vehicles was 20 mph with 4.49 percent exceeding the posted speed of 30 mph. The HI-STAR found 4.49 percent of the total vehicles were traveling in excess of 30 mph. The mode speed for this traffic study was 20 mph and the 85th percentile was 22.46 mph.

CLASSIFICATION

Chart 2 lists the values of the eight classification bins and the total traffic volume accumulated for each bin.

Chart 2

0	21	28	40	50	60	70	80
to	to	to	to	to	to	to	>
20	27	39	49	59	69	79	
363	25	12	1	0	0	0	0

Most of the vehicles classified during the study were Passenger Cars. The number of Passenger Cars in the study was 388 which represents 96.80 percent of the total classified vehicles. The number of Small Trucks in the study was 12 which represents 3.00 percent of the total classified vehicles. The number of Trucks/Busses in the study was 1 which represents 0.20 percent of the total classified vehicles. The number of Tractor Trailers in the study was 0 which represents 0.00 percent of the total classified vehicles.

HEADWAY

During the peak time period, on 03/11/2003 at 05:00 PM the average headway between the vehicles was 116.13 seconds. The slowest traffic period was on 03/12/2003 at 12:00 AM. During this slowest period, the average headway was 3600.0 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 29 and 74 degrees Fahrenheit. The HI-STAR determined that the roadway surface was Dry 100.00 percent of the time.

Time/Speed Report

HI-Star ID: 6784 Street: N.B.Pinebrook@Aspen State: IL City: Lombard County: DuPage	Begin: 03/11/2003 02:00 PM Lane: Oper: EP Posted: 30 AADT Factor: 1	End: 03/13/2003 02:00 PM Hours: 48:00 Period: 60 Raw Count: 401 AADT Count: 201
---	---	---

NC97 - mph	0	10	15	20	25	30	35	40	45	50	55	60	65	70	75	
Date & Time Range	to	to	to	to	to	to	to	to	to	to	to	to	to	to	>	Total
	9	14	19	24	29	34	39	44	49	54	59	64	69	74		
03/11/2003 [02:00 PM-03:00 PM]	0	0	1	6	0	2	0	0	0	0	0	0	0	0	0	9
03/11/2003 [03:00 PM-04:00 PM]	0	0	5	10	5	0	0	1	0	0	0	0	0	0	0	21
03/11/2003 [04:00 PM-05:00 PM]	0	0	3	12	2	0	1	1	0	0	0	0	0	0	1	20
03/11/2003 [05:00 PM-06:00 PM]	0	1	7	18	3	0	0	1	0	0	0	0	0	0	0	30
03/11/2003 [06:00 PM-07:00 PM]	0	0	4	15	2	1	0	0	0	0	0	0	0	0	0	22
03/11/2003 [07:00 PM-08:00 PM]	0	0	4	6	0	0	0	0	0	0	0	0	0	0	0	10
03/11/2003 [08:00 PM-09:00 PM]	0	1	3	6	1	0	0	0	0	0	1	0	0	0	0	12
03/11/2003 [09:00 PM-10:00 PM]	0	0	2	4	1	0	0	0	0	0	0	0	0	0	0	7
03/11/2003 [10:00 PM-11:00 PM]	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03/11/2003 [11:00 PM-12:00 AM]	0	0	1	0	1	1	0	0	0	1	0	0	0	0	0	4
Daily Totals:	0		30		15		1		0		1		0		1	
		2		78		4		3		1		0		0		136
03/12/2003 [12:00 AM-01:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03/12/2003 [01:00 AM-02:00 AM]	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03/12/2003 [02:00 AM-03:00 AM]	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
03/12/2003 [03:00 AM-04:00 AM]	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
03/12/2003 [04:00 AM-05:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03/12/2003 [05:00 AM-06:00 AM]	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
03/12/2003 [06:00 AM-07:00 AM]	0	1	3	5	0	0	0	0	0	0	0	0	0	0	0	9
03/12/2003 [07:00 AM-08:00 AM]	0	0	6	7	1	0	0	0	0	0	0	0	0	0	0	14
03/12/2003 [08:00 AM-09:00 AM]	0	3	2	2	1	0	0	0	0	0	0	0	0	0	0	8
03/12/2003 [09:00 AM-10:00 AM]	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	3
03/12/2003 [10:00 AM-11:00 AM]	0	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
03/12/2003 [11:00 AM-12:00 PM]	0	1	4	2	0	0	0	0	0	0	0	0	0	0	0	7
03/12/2003 [12:00 PM-01:00 PM]	0	0	3	3	1	0	0	0	0	0	0	0	0	0	0	7
03/12/2003 [01:00 PM-02:00 PM]	0	0	3	5	3	0	0	0	0	0	0	0	0	0	0	11
03/12/2003 [02:00 PM-03:00 PM]	0	1	1	5	1	0	0	0	1	0	0	0	0	0	0	9
03/12/2003 [03:00 PM-04:00 PM]	0	0	4	4	3	3	0	0	0	0	0	0	0	1	0	15
03/12/2003 [04:00 PM-05:00 PM]	0	0	6	8	6	1	1	1	0	0	0	0	0	0	0	23
03/12/2003 [05:00 PM-06:00 PM]	0	1	5	14	5	0	0	0	0	0	0	0	0	0	0	25
03/12/2003 [06:00 PM-07:00 PM]	0	1	4	6	0	0	0	0	0	0	0	0	0	0	0	11
03/12/2003 [07:00 PM-08:00 PM]	0	0	3	8	1	2	1	0	0	0	0	0	0	0	0	15
03/12/2003 [08:00 PM-09:00 PM]	0	0	4	3	1	0	1	0	0	0	0	0	0	0	0	9
03/12/2003 [09:00 PM-10:00 PM]	0	1	6	6	2	0	0	0	0	0	0	0	0	0	0	15
03/12/2003 [10:00 PM-11:00 PM]	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
03/12/2003 [11:00 PM-12:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daily Totals:	0		60		25		3		1		0		0		0	
		9		88		6		1		0		0		1		194
03/13/2003 [12:00 AM-01:00 AM]	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1

Time/Speed Report

HI-Star ID: 6784	Begin: 03/11/2003 02:00 PM	End: 03/13/2003 02:00 PM
Street: N.B.Pinebrook@Aspen	Lane:	Hours: 48:00
State: IL	Oper: EP	Period: 60
City: Lombard	Posted: 30	Raw Count: 401
County: DuPage	AADT Factor: 1	AADT Count: 201

NC97 - mph	0	10	15	20	25	30	35	40	45	50	55	60	65	70	75	
Date & Time Range	to	to	to	to	to	to	to	to	to	to	to	to	to	to	>	Total
	9	14	19	24	29	34	39	44	49	54	59	64	69	74		
03/13/2003 [01:00 AM-02:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03/13/2003 [02:00 AM-03:00 AM]	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	3
03/13/2003 [03:00 AM-04:00 AM]	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2
03/13/2003 [04:00 AM-05:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03/13/2003 [05:00 AM-06:00 AM]	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
03/13/2003 [06:00 AM-07:00 AM]	0	0	3	6	0	0	0	0	0	0	0	0	0	0	0	9
03/13/2003 [07:00 AM-08:00 AM]	0	0	7	3	0	0	0	0	0	0	0	0	0	0	0	10
03/13/2003 [08:00 AM-09:00 AM]	0	0	6	4	3	2	0	0	0	0	0	0	0	0	0	15
03/13/2003 [09:00 AM-10:00 AM]	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
03/13/2003 [10:00 AM-11:00 AM]	0	0	1	2	1	1	1	0	1	0	0	0	1	0	0	8
03/13/2003 [11:00 AM-12:00 PM]	0	0	4	5	0	0	0	0	0	0	0	0	0	0	0	9
03/13/2003 [12:00 PM-01:00 PM]	0	1	2	4	1	0	0	0	0	0	0	0	0	0	0	8
03/13/2003 [01:00 PM-02:00 PM]	0	0	3	0	1	0	0	0	0	0	0	0	0	0	0	4

Daily Totals: 0 28 8 1 1 0 1 0 0 1 0 0 1 0 0 71

 2 25 3 0 2 0 0 0 0

Report Totals: 0 118 48 5 2 1 1 1 1

 13 191 13 4 3 0 1 1 401

Report Percentages: 0.00% 29.43% 11.97% 1.25% 0.50% 0.25% 0.25% 0.25%

 3.24% 47.63% 3.24% 1.00% 0.75% 0.00% 0.25%

Nu-Metrics Traffic Analyzer Study
Computer Generated Summary Report
City: Lombard
Street: E.B.Pinebrook@Aspen (EAST)

A study of vehicle traffic was conducted with HI-STAR unit number 2183. The study was done in the lane on E.B.Pinebrook@Aspen in Lombard, Il in DuPage county. The study began on 03/11/2003 at 02:00 PM and concluded on 03/13/2003 at 02:00 PM, lasting a total of 48 hours. Data was recorded in 60 minute time periods. The total recorded volume of traffic showed 580 vehicles passed through the location with a peak volume of 46 on 03/12/2003 at 07:00 AM and a minimum volume of 0 on 03/12/2003 at 02:00 AM. The AADT Count for this study was 290.

SPEED

Chart 1 lists the values of the speed bins and the total traffic volume for each bin.

Chart 1

0	10	15	20	25	30	35	40	45	50	55	60	65	70	75
to	to	to	to	to	to	to	to	to	to	to	to	to	to	>
9	14	19	24	29	34	39	44	49	54	59	64	69	74	
0	8	18	75	201	190	59	8	3	8	4	1	2	0	3

At least half of the vehicles were traveling in the 25 - 29 mph range or a lower speed. The average speed for all classified vehicles was 28 mph with 15.1 percent exceeding the posted speed of 30 mph. The HI-STAR found 15.1 percent of the total vehicles were traveling in excess of 30 mph. The mode speed for this traffic study was 25 mph and the 85th percentile was 30.58 mph.

CLASSIFICATION

Chart 2 lists the values of the eight classification bins and the total traffic volume accumulated for each bin.

Chart 2

0	21	28	40	50	60	70	80
to	to	to	to	to	to	to	>
20	27	39	49	59	69	79	
555	16	5	1	1	0	1	1

Most of the vehicles classified during the study were Passenger Cars. The number of Passenger Cars in the study was 571 which represents 98.40 percent of the total classified vehicles. The number of Small Trucks in the study was 5 which represents 0.90 percent of the total classified vehicles. The number of Trucks/Busses in the study was 1 which represents 0.20 percent of the total classified vehicles. The number of Tractor Trailers in the study was 3 which represents 0.50 percent of the total classified vehicles.

HEADWAY

During the peak time period, on 03/12/2003 at 07:00 AM the average headway between the vehicles was 76.6 seconds. The slowest traffic period was on 03/12/2003 at 02:00 AM. During this slowest period, the average headway was 3600.0 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 29 and 76 degrees Fahrenheit. The HI-STAR determined that the roadway surface was Dry 100.00 percent of the time.

Time/Speed Report

HI-Star ID: 2183	Begin: 03/11/2003 02:00 PM	End: 03/13/2003 02:00 PM
Street: E.B.Pinebrook@Aspen	Lane:	Hours: 48:00
State: IL	Oper: EP	Period: 60
City: Lombard	Posted: 30	Raw Count: 580
County: DuPage	AADT Factor: 1	AADT Count: 290

NC97 - mph	0	10	15	20	25	30	35	40	45	50	55	60	65	70	75	
Date & Time Range	to	to	to	to	to	to	to	to	to	to	to	to	to	to	>	Total
	9	14	19	24	29	34	39	44	49	54	59	64	69	74		

03/11/2003 [02:00 PM-03:00 PM]	0	0	0	4	5	3	1	0	0	0	0	0	0	0	0	13
03/11/2003 [03:00 PM-04:00 PM]	0	1	0	2	10	9	2	0	0	0	0	0	0	0	0	24
03/11/2003 [04:00 PM-05:00 PM]	0	0	0	2	5	13	3	0	0	0	0	0	0	0	0	23
03/11/2003 [05:00 PM-06:00 PM]	0	0	1	1	3	13	4	0	0	0	0	0	0	0	0	22
03/11/2003 [06:00 PM-07:00 PM]	0	0	0	4	12	9	3	0	0	0	0	0	0	0	0	28
03/11/2003 [07:00 PM-08:00 PM]	0	0	1	3	5	4	2	0	0	0	0	0	0	0	0	15
03/11/2003 [08:00 PM-09:00 PM]	0	0	1	1	1	3	0	1	0	0	0	0	0	0	1	8
03/11/2003 [09:00 PM-10:00 PM]	0	0	1	3	4	1	1	0	0	0	0	0	0	0	0	10
03/11/2003 [10:00 PM-11:00 PM]	0	0	0	0	2	1	1	0	0	1	1	0	0	0	0	6
03/11/2003 [11:00 PM-12:00 AM]	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1

Daily Totals:	0		4		47		17		0		1		0		1	
		1		20		57		1		1		0		0		150

03/12/2003 [12:00 AM-01:00 AM]	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2
03/12/2003 [01:00 AM-02:00 AM]	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
03/12/2003 [02:00 AM-03:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03/12/2003 [03:00 AM-04:00 AM]	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	2
03/12/2003 [04:00 AM-05:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03/12/2003 [05:00 AM-06:00 AM]	0	1	0	0	3	1	1	1	0	0	0	0	0	0	0	7
03/12/2003 [06:00 AM-07:00 AM]	0	0	0	3	10	9	5	1	0	0	0	0	0	0	0	28
03/12/2003 [07:00 AM-08:00 AM]	0	1	1	5	14	20	4	1	0	0	0	0	0	0	0	46
03/12/2003 [08:00 AM-09:00 AM]	0	0	0	5	15	7	2	1	0	0	0	1	0	0	0	31
03/12/2003 [09:00 AM-10:00 AM]	0	0	0	2	7	8	3	0	0	0	0	0	0	0	0	20
03/12/2003 [10:00 AM-11:00 AM]	0	1	0	2	7	5	3	0	0	0	0	0	0	0	0	18
03/12/2003 [11:00 AM-12:00 PM]	0	0	1	3	5	8	0	0	0	0	0	0	0	0	0	17
03/12/2003 [12:00 PM-01:00 PM]	0	0	0	1	10	2	1	0	0	0	0	0	0	0	0	14
03/12/2003 [01:00 PM-02:00 PM]	0	0	1	1	6	4	0	0	0	0	0	0	0	0	0	12
03/12/2003 [02:00 PM-03:00 PM]	0	0	0	2	6	5	1	0	0	0	0	0	0	0	0	14
03/12/2003 [03:00 PM-04:00 PM]	0	0	1	2	10	8	2	1	0	0	0	0	0	0	0	24
03/12/2003 [04:00 PM-05:00 PM]	0	1	3	3	10	6	2	0	0	0	0	0	0	0	0	25
03/12/2003 [05:00 PM-06:00 PM]	0	3	0	9	6	4	5	0	2	0	0	0	0	0	0	29
03/12/2003 [06:00 PM-07:00 PM]	0	0	2	3	7	8	2	0	0	0	0	0	0	0	0	22
03/12/2003 [07:00 PM-08:00 PM]	0	0	2	1	4	13	2	0	0	0	0	0	0	0	0	22
03/12/2003 [08:00 PM-09:00 PM]	0	0	0	3	4	2	1	0	0	0	0	0	0	0	0	10
03/12/2003 [09:00 PM-10:00 PM]	0	0	1	0	3	3	0	0	0	0	0	0	0	0	0	7
03/12/2003 [10:00 PM-11:00 PM]	0	0	0	0	4	2	1	0	0	0	0	0	0	0	1	8
03/12/2003 [11:00 PM-12:00 AM]	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	3

Daily Totals:	0		12		133		37		2		1		0		1	
		7		46		117		6		0		1		0		363

03/13/2003 [12:00 AM-01:00 AM]	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	3
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Time/Speed Report

HI-Star ID: 2183	Begin: 03/11/2003 02:00 PM	End: 03/13/2003 02:00 PM
Street: E.B.Pinebrook@Aspen	Lane:	Hours: 48:00
State: IL	Oper: EP	Period: 60
City: Lombard	Posted: 30	Raw Count: 580
County: DuPage	AADT Factor: 1	AADT Count: 290

NC97 - mph	0	10	15	20	25	30	35	40	45	50	55	60	65	70	75	
Date & Time Range	to	to	to	to	to	to	to	to	to	to	to	to	to	to	>	Total
	9	14	19	24	29	34	39	44	49	54	59	64	69	74		
03/13/2003 [01:00 AM-02:00 AM]	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03/13/2003 [02:00 AM-03:00 AM]	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
03/13/2003 [03:00 AM-04:00 AM]	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
03/13/2003 [04:00 AM-05:00 AM]	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
03/13/2003 [05:00 AM-06:00 AM]	0	0	0	3	0	2	3	0	0	0	0	0	1	0	0	9
03/13/2003 [06:00 AM-07:00 AM]	0	0	0	3	8	10	1	1	1	0	0	0	0	0	0	24
03/13/2003 [07:00 AM-08:00 AM]	0	0	1	1	9	3	1	0	0	1	2	0	1	0	1	20
03/13/2003 [08:00 AM-09:00 AM]	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3
03/13/2003 [09:00 AM-10:00 AM]	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
03/13/2003 [10:00 AM-11:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03/13/2003 [11:00 AM-12:00 PM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03/13/2003 [12:00 PM-01:00 PM]	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
03/13/2003 [01:00 PM-02:00 PM]	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2

Daily Totals:	0	0	2	9	21	16	5	1	7	2	0	2	0	1		67
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Report Totals:	0	8	18	75	201	190	59	8	3	8	4	1	2	0	3		580
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Report Percentages:	0.00%	3.10%	34.66%	10.17%	0.52%	0.69%	0.34%	0.52%									

**Nu-Metrics Traffic Analyzer Study
Computer Generated Summary Report
City: Lombard
Street: W.B.Pinebrook@Aspen (EAST)**

A study of vehicle traffic was conducted with HI-STAR unit number 799. The study was done in the lane on W.B.Pinebrook@Aspen in Lombard, Il in DuPage county. The study began on 03/11/2003 at 02:00 PM and concluded on 03/13/2003 at 02:00 PM, lasting a total of 48 hours. Data was recorded in 60 minute time periods. The total recorded volume of traffic showed 1,576 vehicles passed through the location with a peak volume of 111 on 03/11/2003 at 05:00 PM and a minimum volume of 0 on 03/12/2003 at 04:00 AM. The AADT Count for this study was 788.

SPEED

Chart 1 lists the values of the speed bins and the total traffic volume for each bin.

Chart 1

0	10	15	20	25	30	35	40	45	50	55	60	65	70	75
to	to	to	to	to	to	to	to	to	to	to	to	to	to	>
9	14	19	24	29	34	39	44	49	54	59	64	69	74	
0	37	185	666	499	111	37	14	9	5	4	4	1	2	0

At least half of the vehicles were traveling in the 20 - 24 mph range or a lower speed. The average speed for all classified vehicles was 23 mph with 4.83 percent exceeding the posted speed of 30 mph. The HI-STAR found 4.83 percent of the total vehicles were traveling in excess of 30 mph. The mode speed for this traffic study was 20 mph and the 85th percentile was 25.01 mph.

CLASSIFICATION

Chart 2 lists the values of the eight classification bins and the total traffic volume accumulated for each bin.

Chart 2

0	21	28	40	50	60	70	80
to	to	to	to	to	to	to	>
20	27	39	49	59	69	79	
1445	98	22	6	3	0	0	0

Most of the vehicles classified during the study were Passenger Cars. The number of Passenger Cars in the study was 1,543 which represents 98.00 percent of the total classified vehicles. The number of Small Trucks in the study was 22 which represents 1.40 percent of the total classified vehicles. The number of Trucks/Busses in the study was 6 which represents 0.40 percent of the total classified vehicles. The number of Tractor Trailers in the study was 3 which represents 0.20 percent of the total classified vehicles.

HEADWAY

During the peak time period, on 03/11/2003 at 05:00 PM the average headway between the vehicles was 32.14 seconds. The slowest traffic period was on 03/12/2003 at 04:00 AM. During this slowest period, the average headway was 3600.0 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 29 and 72 degrees Fahrenheit. The HI-STAR determined that the roadway surface was Dry 100.00 percent of the time.

Time/Speed Report

HI-Star ID: 799	Begin: 03/11/2003 02:00 PM	End: 03/13/2003 02:00 PM
Street: W.B.Pinebrook@Aspen	Lane:	Hours: 48:00
State: IL	Oper: EP	Period: 60
City: Lombard	Posted: 30	Raw Count: 1576
County: DuPage	AADT Factor: 1	AADT Count: 788

NC97 - mph	0	10	15	20	25	30	35	40	45	50	55	60	65	70	75	
Date & Time Range	to	to	to	to	to	to	to	to	to	to	to	to	to	to	>	Total
	9	14	19	24	29	34	39	44	49	54	59	64	69	74		
03/11/2003 [02:00 PM-03:00 PM]	0	2	13	21	10	1	1	0	0	0	0	0	0	0	0	48
03/11/2003 [03:00 PM-04:00 PM]	0	0	3	13	34	3	1	1	0	1	0	0	0	1	0	57
03/11/2003 [04:00 PM-05:00 PM]	0	1	6	22	30	5	1	0	0	1	0	0	0	0	0	66
03/11/2003 [05:00 PM-06:00 PM]	0	0	4	59	35	9	4	0	0	0	0	0	0	0	0	111
03/11/2003 [06:00 PM-07:00 PM]	0	0	12	27	20	3	2	1	0	1	0	0	0	0	0	66
03/11/2003 [07:00 PM-08:00 PM]	0	1	5	24	17	2	2	0	0	0	0	0	0	0	0	51
03/11/2003 [08:00 PM-09:00 PM]	0	0	6	31	15	3	1	1	0	0	0	0	0	0	0	57
03/11/2003 [09:00 PM-10:00 PM]	0	2	3	17	9	5	0	0	0	0	0	0	0	0	0	36
03/11/2003 [10:00 PM-11:00 PM]	0	0	2	4	6	4	0	0	1	0	0	1	0	0	0	18
03/11/2003 [11:00 PM-12:00 AM]	0	0	2	1	5	0	1	0	0	0	0	0	0	0	0	9
Daily Totals:	0	6	56	219	181	35	13	3	1	3	0	1	0	1	0	519
03/12/2003 [12:00 AM-01:00 AM]	0	0	3	3	2	1	0	0	0	0	1	0	0	0	0	10
03/12/2003 [01:00 AM-02:00 AM]	0	0	3	0	1	1	1	0	0	0	0	0	0	0	0	6
03/12/2003 [02:00 AM-03:00 AM]	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2
03/12/2003 [03:00 AM-04:00 AM]	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2
03/12/2003 [04:00 AM-05:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03/12/2003 [05:00 AM-06:00 AM]	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	4
03/12/2003 [06:00 AM-07:00 AM]	0	2	2	8	3	6	0	0	0	0	0	1	0	0	0	22
03/12/2003 [07:00 AM-08:00 AM]	0	3	8	14	18	7	4	1	0	0	0	0	0	0	0	55
03/12/2003 [08:00 AM-09:00 AM]	0	2	7	25	12	2	0	1	0	0	0	0	0	0	0	49
03/12/2003 [09:00 AM-10:00 AM]	0	1	1	11	11	4	1	0	0	0	0	0	0	0	0	29
03/12/2003 [10:00 AM-11:00 AM]	0	2	1	8	9	2	1	0	0	0	0	0	0	0	0	23
03/12/2003 [11:00 AM-12:00 PM]	0	0	2	15	10	3	1	0	0	1	0	0	0	0	0	32
03/12/2003 [12:00 PM-01:00 PM]	0	0	7	14	5	0	0	0	0	0	0	0	0	0	0	26
03/12/2003 [01:00 PM-02:00 PM]	0	0	4	20	8	3	1	0	0	0	0	1	0	0	0	37
03/12/2003 [02:00 PM-03:00 PM]	0	0	4	17	13	2	0	2	0	0	0	0	0	0	0	38
03/12/2003 [03:00 PM-04:00 PM]	0	1	11	22	12	4	1	1	1	0	0	0	0	0	0	53
03/12/2003 [04:00 PM-05:00 PM]	0	5	12	28	21	1	1	1	0	0	0	0	0	0	0	69
03/12/2003 [05:00 PM-06:00 PM]	0	1	8	43	26	6	1	1	2	1	0	0	0	1	0	90
03/12/2003 [06:00 PM-07:00 PM]	0	3	5	35	17	6	3	0	1	0	0	0	0	0	0	70
03/12/2003 [07:00 PM-08:00 PM]	0	2	11	25	18	4	1	0	0	0	2	0	0	0	0	63
03/12/2003 [08:00 PM-09:00 PM]	0	3	7	15	10	1	0	0	0	0	0	1	0	0	0	37
03/12/2003 [09:00 PM-10:00 PM]	0	2	4	26	18	4	0	1	0	0	0	0	0	0	0	55
03/12/2003 [10:00 PM-11:00 PM]	0	0	1	11	8	0	0	0	0	0	0	0	0	0	0	20
03/12/2003 [11:00 PM-12:00 AM]	0	1	1	3	5	2	0	0	0	0	0	0	0	0	0	12
Daily Totals:	0	28	102	346	230	59	18	8	4	2	3	3	0	1	0	804
03/13/2003 [12:00 AM-01:00 AM]	0	0	1	4	3	1	0	0	0	0	0	0	0	0	0	9

Time/Speed Report

HI-Star ID: 799 Street: W.B.Pinebrook@Aspen State: IL City: Lombard County: DuPage	Begin: 03/11/2003 02:00 PM Lane: Oper: EP Posted: 30 AADT Factor: 1	End: 03/13/2003 02:00 PM Hours: 48:00 Period: 60 Raw Count: 1576 AADT Count: 788
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NC97 - mph	0	10	15	20	25	30	35	40	45	50	55	60	65	70	75	
Date & Time Range	to	to	to	to	to	to	to	to	to	to	to	to	to	to	>	Total
	9	14	19	24	29	34	39	44	49	54	59	64	69	74		
03/13/2003 [01:00 AM-02:00 AM]	0	0	0	1	4	0	0	0	0	0	0	0	0	0	0	5
03/13/2003 [02:00 AM-03:00 AM]	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	3
03/13/2003 [03:00 AM-04:00 AM]	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	3
03/13/2003 [04:00 AM-05:00 AM]	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
03/13/2003 [05:00 AM-06:00 AM]	0	1	0	2	1	1	0	0	0	0	0	0	0	0	0	5
03/13/2003 [06:00 AM-07:00 AM]	0	0	1	6	5	4	0	0	0	0	0	0	0	0	0	16
03/13/2003 [07:00 AM-08:00 AM]	0	0	5	6	15	1	1	0	1	0	0	0	0	0	0	29
03/13/2003 [08:00 AM-09:00 AM]	0	1	5	14	12	1	2	0	1	0	1	0	0	0	0	37
03/13/2003 [09:00 AM-10:00 AM]	0	0	2	12	4	2	0	0	0	0	0	0	0	0	0	20
03/13/2003 [10:00 AM-11:00 AM]	0	1	6	11	8	1	0	2	0	0	0	0	1	0	0	30
03/13/2003 [11:00 AM-12:00 PM]	0	0	1	14	10	0	1	0	1	0	0	0	0	0	0	27
03/13/2003 [12:00 PM-01:00 PM]	0	0	3	15	13	3	0	0	0	0	0	0	0	0	0	34
03/13/2003 [01:00 PM-02:00 PM]	0	0	2	14	13	1	1	1	0	0	0	0	0	0	0	32

Daily Totals: 0 3 27 101 88 17 6 3 4 0 1 0 1 0 0 251

Report Totals: 0 37 185 666 499 111 37 14 9 5 4 4 1 2 0 1574

Report Percentages: 0.00% 11.75% 31.70% 2.35% 0.57% 0.25% 0.06% 0.00%
 2.35% 42.31% 7.05% 0.89% 0.32% 0.25% 0.13%

Nu-Metrics Traffic Analyzer Study
Computer Generated Summary Report
City: Lombard
Street: S.B. Aspen@Pinebrook (EAST)

A study of vehicle traffic was conducted with HI-STAR unit number 7961. The study was done in the lane on S.B. Aspen@Pinebrook in Lombard, Il in DuPage county. The study began on 03/11/2003 at 02:00 PM and concluded on 03/13/2003 at 02:00 PM, lasting a total of 48 hours. Data was recorded in 60 minute time periods. The total recorded volume of traffic showed 950 vehicles passed through the location with a peak volume of 49 on 03/12/2003 at 07:00 AM and a minimum volume of 0 on 03/13/2003 at 03:00 AM. The AADT Count for this study was 475.

SPEED

Chart 1 lists the values of the speed bins and the total traffic volume for each bin.

Chart 1

0 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 >
0	33	215	444	154	63	16	9	1	4	3	2	1	1	1

At least half of the vehicles were traveling in the 20 - 24 mph range or a lower speed. The average speed for all classified vehicles was 21 mph with 4.01 percent exceeding the posted speed of 30 mph. The HI-STAR found 4.01 percent of the total vehicles were traveling in excess of 30 mph. The mode speed for this traffic study was 20 mph and the 85th percentile was 24.17 mph.

CLASSIFICATION

Chart 2 lists the values of the eight classification bins and the total traffic volume accumulated for each bin.

Chart 2

0 to 20	21 to 27	28 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 >
759	135	36	13	3	0	1	0

Most of the vehicles classified during the study were Passenger Cars. The number of Passenger Cars in the study was 894 which represents 94.40 percent of the total classified vehicles. The number of Small Trucks in the study was 36 which represents 3.80 percent of the total classified vehicles. The number of Trucks/Busses in the study was 13 which represents 1.40 percent of the total classified vehicles. The number of Tractor Trailers in the study was 4 which represents 0.40 percent of the total classified vehicles.

HEADWAY

During the peak time period, on 03/12/2003 at 07:00 AM the average headway between the vehicles was 72.0 seconds. The slowest traffic period was on 03/13/2003 at 03:00 AM. During this slowest period, the average headway was 3600.0 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 29 and 74 degrees Fahrenheit. The HI-STAR determined that the roadway surface was Dry 100.00 percent of the time.

Time/Speed Report

HI-Star ID: 7961 Street: S.B. Aspen@Pinebrook State: IL City: Lombard County: DuPage	Begin: 03/11/2003 02:00 PM Lane: Oper: EP Posted: 30 AADT Factor: 1	End: 03/13/2003 02:00 PM Hours: 48:00 Period: 60 Raw Count: 950 AADT Count: 475
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NC97 - mph	0	10	15	20	25	30	35	40	45	50	55	60	65	70	75	
Date & Time Range	to	to	to	to	to	to	to	to	to	to	to	to	to	to	>	Total
	9	14	19	24	29	34	39	44	49	54	59	64	69	74		

03/11/2003 [02:00 PM-03:00 PM]	0	1	7	11	2	2	0	0	0	0	0	0	1	0	0	24
03/11/2003 [03:00 PM-04:00 PM]	0	0	0	18	8	2	1	1	0	0	0	0	0	0	0	30
03/11/2003 [04:00 PM-05:00 PM]	0	2	2	18	4	1	1	1	0	0	0	0	0	0	0	29
03/11/2003 [05:00 PM-06:00 PM]	0	3	12	18	8	1	1	0	0	1	0	0	0	0	0	44
03/11/2003 [06:00 PM-07:00 PM]	0	3	3	14	18	2	0	2	0	0	0	1	0	0	0	43
03/11/2003 [07:00 PM-08:00 PM]	0	1	10	14	7	1	0	0	0	0	0	0	0	0	0	33
03/11/2003 [08:00 PM-09:00 PM]	0	3	7	10	6	0	0	0	0	0	0	0	0	0	0	26
03/11/2003 [09:00 PM-10:00 PM]	0	0	0	5	5	2	0	0	0	0	0	0	0	0	0	12
03/11/2003 [10:00 PM-11:00 PM]	0	0	1	11	3	0	0	0	0	0	0	0	0	0	0	15
03/11/2003 [11:00 PM-12:00 AM]	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0	5

Daily Totals:	0		43		61		3		0		0		1		0	
		13		123		11		4		1		1		0		261

03/12/2003 [12:00 AM-01:00 AM]	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	3
03/12/2003 [01:00 AM-02:00 AM]	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	3
03/12/2003 [02:00 AM-03:00 AM]	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
03/12/2003 [03:00 AM-04:00 AM]	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
03/12/2003 [04:00 AM-05:00 AM]	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3
03/12/2003 [05:00 AM-06:00 AM]	0	0	4	1	1	0	0	0	0	0	0	0	0	0	0	6
03/12/2003 [06:00 AM-07:00 AM]	0	1	5	19	1	0	1	0	0	0	0	0	0	0	0	27
03/12/2003 [07:00 AM-08:00 AM]	0	1	19	25	2	2	0	0	0	0	0	0	0	0	0	49
03/12/2003 [08:00 AM-09:00 AM]	0	1	9	15	2	0	2	0	0	1	0	0	0	0	0	30
03/12/2003 [09:00 AM-10:00 AM]	0	0	9	8	0	0	0	0	0	0	0	0	0	0	0	17
03/12/2003 [10:00 AM-11:00 AM]	0	1	3	7	1	0	1	0	0	0	0	0	0	0	0	13
03/12/2003 [11:00 AM-12:00 PM]	0	1	3	11	3	1	0	0	0	0	0	0	0	0	0	19
03/12/2003 [12:00 PM-01:00 PM]	0	0	1	15	0	0	0	0	0	0	0	0	0	0	0	16
03/12/2003 [01:00 PM-02:00 PM]	0	1	6	6	1	0	0	0	0	0	0	0	0	0	0	14
03/12/2003 [02:00 PM-03:00 PM]	0	0	7	11	7	0	0	0	1	0	0	0	0	0	0	26
03/12/2003 [03:00 PM-04:00 PM]	0	1	10	16	0	0	0	0	0	0	0	0	0	0	0	27
03/12/2003 [04:00 PM-05:00 PM]	0	1	5	19	8	2	1	1	0	0	0	0	0	0	0	37
03/12/2003 [05:00 PM-06:00 PM]	0	1	8	13	12	7	0	0	0	1	0	0	0	0	0	42
03/12/2003 [06:00 PM-07:00 PM]	0	4	6	13	10	2	2	0	0	0	1	0	0	0	0	38
03/12/2003 [07:00 PM-08:00 PM]	0	1	7	15	2	10	1	0	0	0	0	0	0	0	1	37
03/12/2003 [08:00 PM-09:00 PM]	0	0	3	8	7	0	0	0	0	0	0	0	0	0	0	18
03/12/2003 [09:00 PM-10:00 PM]	0	0	1	9	3	5	1	0	0	1	0	0	0	0	0	20
03/12/2003 [10:00 PM-11:00 PM]	0	0	2	2	5	2	1	1	0	0	0	0	0	0	0	13
03/12/2003 [11:00 PM-12:00 AM]	0	1	2	1	2	1	0	0	0	0	0	0	0	0	0	7

Daily Totals:	0		114		68		10		1		1		0		1	
		16		218		33		2		2		1		0		467

03/13/2003 [12:00 AM-01:00 AM]	0	0	3	3	1	0	0	0	0	0	0	0	0	0	0	7
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Time/Speed Report

HI-Star ID: 7961 Street: S.B. Aspen@Pinebrook State: IL City: Lombard County: DuPage	Begin: 03/11/2003 02:00 PM Lane: Oper: EP Posted: 30 AADT Factor: 1	End: 03/13/2003 02:00 PM Hours: 48:00 Period: 60 Raw Count: 950 AADT Count: 475
NC97 - mph Date & Time Range	0 to 9 10 to 14 15 to 19 20 to 24 25 to 29 30 to 34 35 to 39 40 to 44 45 to 49 50 to 54 55 to 59 60 to 64 65 to 69 70 to 74 75 >	Total

03/13/2003 [01:00 AM-02:00 AM]	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	3
03/13/2003 [02:00 AM-03:00 AM]	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	4
03/13/2003 [03:00 AM-04:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03/13/2003 [04:00 AM-05:00 AM]	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	2
03/13/2003 [05:00 AM-06:00 AM]	0	1	1	5	2	1	0	0	0	0	0	0	0	0	0	10
03/13/2003 [06:00 AM-07:00 AM]	0	1	8	13	1	0	1	0	0	0	1	0	0	0	0	25
03/13/2003 [07:00 AM-08:00 AM]	0	1	11	16	3	3	0	1	0	0	0	0	0	1	0	36
03/13/2003 [08:00 AM-09:00 AM]	0	0	16	20	1	3	0	0	0	0	0	0	0	0	0	40
03/13/2003 [09:00 AM-10:00 AM]	0	0	1	8	1	6	1	0	0	0	1	0	0	0	0	18
03/13/2003 [10:00 AM-11:00 AM]	0	0	7	10	3	0	1	0	0	0	0	0	0	0	0	21
03/13/2003 [11:00 AM-12:00 PM]	0	0	4	10	4	1	0	0	0	0	0	0	0	0	0	19
03/13/2003 [12:00 PM-01:00 PM]	0	0	1	13	4	1	0	0	0	0	0	0	0	0	0	19
03/13/2003 [01:00 PM-02:00 PM]	0	1	5	1	2	4	0	1	0	1	0	0	0	0	0	15

Daily Totals: 0 58 25 3 0 2 0 0
 4 103 19 3 1 0 1 219

Report Totals: 0 215 154 16 1 3 1 1
 33 444 63 9 4 2 1 947

Report Percentages: 0.00% 22.70% 16.26% 1.69% 0.11% 0.32% 0.11% 0.11%
 3.48% 46.88% 6.65% 0.95% 0.42% 0.21% 0.11%