



To: Chairperson and Transportation and Safety Committee  
From: Frank Kalisik, Civil Engineer *FK*  
Through: Carl S. Goldsmith, Director of Public Works *CJ*  
Date: September 29, 2009  
Subject: Foxworth and Valley – Vehicle Speed Report

Information on vehicular speed and accident history for the above locations was requested by the Transportation and Safety Committee at the previous meeting. The requested information was gathered between 9/22/09 and 9/24/2009. Data from both streets, which have a posted speed limit of 30 mph, demonstrated the 85<sup>th</sup> Percentile of vehicles was about 35 mph. No accidents were reported for the past three (3) years.

The data, along with a map of the analysis location, are attached for your review. Staff does not recommend any reduction in the speed limits for Foxworth or Valley Roads at this time.

cc: Richard Tross, Trustee, District 2

# Valley Rd. and Foxworth Blvd - Speed Analyzer Locations



**Nu-Metrics Traffic Analyzer Study  
Computer Generated Summary Report  
City: Lombard  
Street: N.B.Valley Mid Block**

A study of vehicle traffic was conducted with HI-STAR unit number 7B1740. The study was done in the lane on N.B.Valley Mid Block in Lombard, Il in DuPage county. The study began on 09/22/2009 at 09:00 AM and concluded on 09/24/2009 at 09:00 AM, lasting a total of 48 hours. Data was recorded in 60 minute time periods. The total recorded volume of traffic showed 386 vehicles passed through the location with a peak volume of 20 on 09/23/2009 at 05:00 PM and a minimum volume of 0 on 09/23/2009 at 01:00 AM. The AADT Count for this study was 193.

**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 >
3	13	18	62	153	80	27	6	6	3	2	2	0	0	0

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 33.6 percent exceeding the posted speed of 30 mph. The HI-STAR found 1.07 percent of the total vehicles were traveling in excess of 55 mph. The mode speed for this traffic study was 25 mph and the 85th percentile was 34.36 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 21	22 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 139	140 >
347	19	2	4	3	0	0	0

Most of the vehicles classified during the study were Passenger Cars. The number of Passenger Cars in the study was 347 which represents 92.50 percent of the total classified vehicles. The number of Small Trucks in the study was 19 which represents 5.10 percent of the total classified vehicles. The number of Trucks/Buses in the study was 2 which represents 0.50 percent of the total classified vehicles. The number of Tractor Trailers in the study was 7 which represents 1.90 percent of the total classified vehicles.

**HEADWAY**

During the peak time period, on 09/23/2009 at 05:00 PM the average headway between the vehicles was 171.43 seconds. The slowest traffic period was on 09/23/2009 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 62 and 97 degrees Fahrenheit. The HI-STAR determined that the roadway surface was Dry 0.00 percent of the time.

## Time/Speed Report

HI-Star ID: 7B1740	Begin: 09/22/2009 09:00 AM	End: 09/24/2009 09:00 AM
Street: N.B.Valley Mid Block	Lane:	Hours: 48:00
State: IL	Oper: EP	Period: 60
City: Lombard	Posted: 30	Raw Count: 386
County: DuPage	AADT Factor: 1	AADT Count: 193

	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	>	Total
NC200 - mph	9	14	19	24	29	34	39	44	49	54	59	64	69	74		

**09/22/2009**

[09:00 AM-10:00 AM]	0	1	1	0	3	1	1	0	0	0	0	0	0	0	0	7
[10:00 AM-11:00 AM]	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	3
[11:00 AM-12:00 PM]	0	0	0	1	4	2	1	0	0	0	0	0	0	0	0	8
[12:00 PM-01:00 PM]	0	0	0	0	6	2	1	1	0	0	0	0	0	0	0	10
[01:00 PM-02:00 PM]	0	0	0	0	4	4	1	0	0	0	0	0	0	0	0	9
[02:00 PM-03:00 PM]	0	0	1	1	1	2	1	0	0	0	1	0	0	0	0	7
[03:00 PM-04:00 PM]	0	0	2	0	11	3	1	0	0	1	0	0	0	0	0	18
[04:00 PM-05:00 PM]	0	1	0	2	4	3	1	0	0	0	0	0	0	0	0	11
[05:00 PM-06:00 PM]	0	0	1	1	7	3	1	0	0	0	0	0	0	0	0	13
[06:00 PM-07:00 PM]	0	0	1	2	7	3	2	0	0	0	0	0	0	0	0	15
[07:00 PM-08:00 PM]	0	0	0	3	4	2	1	1	0	0	0	0	0	0	0	11
[08:00 PM-09:00 PM]	0	0	1	4	6	2	0	0	0	0	0	0	0	0	0	13
[09:00 PM-10:00 PM]	0	0	0	2	3	2	0	1	0	0	0	0	0	0	0	8
[10:00 PM-11:00 PM]	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	4
[11:00 PM-12:00 AM]	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
	0	2	9	18	62	30	13	3	0	1	1	0	0	0	0	139

Daily Totals:      0      2      9      18      62      30      13      3      0      1      1      0      0      0      0      139

**09/23/2009**



## Time/Speed Report

	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
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**09/23/2009**

[12:00 AM-01:00 AM]	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	2
[01:00 AM-02:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[02:00 AM-03:00 AM]	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
[03:00 AM-04:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[04:00 AM-05:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[05:00 AM-06:00 AM]	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	2
[06:00 AM-07:00 AM]	0	0	1	0	1	4	0	0	0	0	0	0	0	0	0	6
[07:00 AM-08:00 AM]	0	2	1	3	0	1	1	0	2	0	0	0	0	0	0	10
[08:00 AM-09:00 AM]	0	1	0	0	3	2	2	0	0	0	0	1	0	0	0	9
[09:00 AM-10:00 AM]	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	4
[10:00 AM-11:00 AM]	0	0	0	0	2	0	1	0	0	1	0	0	0	0	0	4
[11:00 AM-12:00 PM]	0	1	2	2	3	3	0	0	0	0	0	0	0	0	0	11
[12:00 PM-01:00 PM]	1	0	1	3	6	4	0	0	1	0	0	0	0	0	0	16
[01:00 PM-02:00 PM]	0	2	0	1	2	2	0	0	0	0	0	0	0	0	0	7
[02:00 PM-03:00 PM]	1	1	0	1	6	1	1	0	0	0	0	1	0	0	0	12
[03:00 PM-04:00 PM]	0	1	1	1	11	4	0	0	0	0	0	0	0	0	0	18
[04:00 PM-05:00 PM]	0	0	1	4	6	2	0	0	0	0	0	0	0	0	0	13
[05:00 PM-06:00 PM]	1	0	0	7	7	4	0	0	0	0	0	0	0	0	0	19
[06:00 PM-07:00 PM]	0	0	0	6	5	3	0	0	0	0	0	0	0	0	0	14
[07:00 PM-08:00 PM]	0	2	0	2	5	4	1	0	2	1	0	0	0	0	0	17
[08:00 PM-09:00 PM]	0	0	0	4	10	2	2	1	0	0	0	0	0	0	0	19
[09:00 PM-10:00 PM]	0	0	0	1	4	1	0	0	0	0	0	0	0	0	0	6
[10:00 PM-11:00 PM]	0	0	0	0	6	2	0	2	0	0	1	0	0	0	0	11
[11:00 PM-12:00 AM]	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3
	<u>3</u>	<u>10</u>	<u>8</u>	<u>36</u>	<u>82</u>	<u>43</u>	<u>9</u>	<u>3</u>	<u>5</u>	<u>2</u>	<u>1</u>	<u>2</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>204</u>

Daily Totals:      3                      8                      82                      9                      5                      1                      0                      0  
    10                      36                      43                      3                      2                      2                      0                      0                      204

**09/24/2009**

[12:00 AM-01:00 AM]	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2
[01:00 AM-02:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[02:00 AM-03:00 AM]	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
[03:00 AM-04:00 AM]	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
[04:00 AM-05:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[05:00 AM-06:00 AM]	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
[06:00 AM-07:00 AM]	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
[07:00 AM-08:00 AM]	0	1	0	1	4	5	3	0	1	0	0	0	0	0	0	15
[08:00 AM-09:00 AM]	0	0	0	4	4	1	1	0	0	0	0	0	0	0	0	10
	<u>0</u>	<u>1</u>	<u>1</u>	<u>8</u>	<u>9</u>	<u>7</u>	<u>5</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>32</u>

Daily Totals:      0                      1                      8                      9                      5                      1                      0                      0                      0                      0                      0                      0                      0                      32

Report Totals:      3                      18                      153                      27                      6                      2                      0                      0                      0                      0                      0                      0                      0                      375

## Time/Speed Report

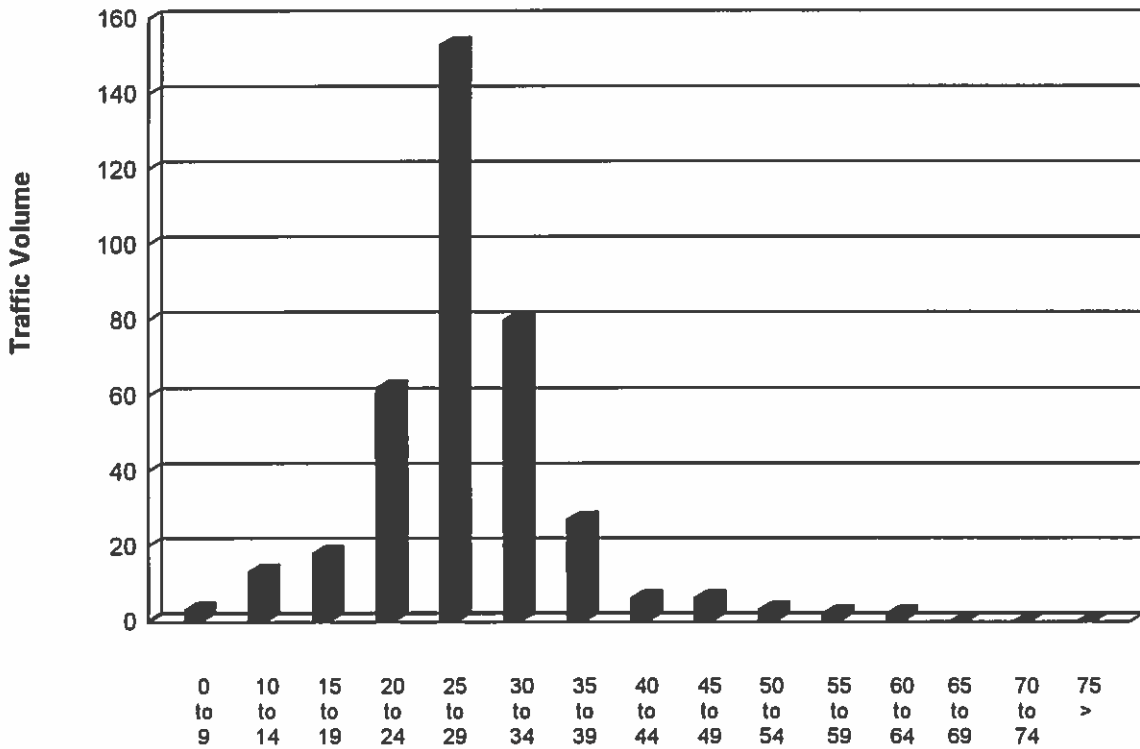
	0 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 >	Total
NC200 - mph																

Report Percentages: 0.80% 4.80% 40.80% 7.20% 1.60% 0.53% 0.00% 0.00%  
 3.47% 16.53% 21.33% 1.60% 0.80% 0.53% 0.00%

### Speed/Volume Graph

HI-Star ID: 7B1740	Begin: 09/22/2009 09:00 AM	End: 09/24/2009 09:00 AM
Street: N.B.Valley Mid Block	Lane:	Hours: 48:00
State: IL	Oper: EP	Period: 60
City: Lombard	Posted: 30	Raw Count: 386
County: DuPage	AADT Factor: 1	AADT Count: 193

### Speed/Volume Graph



Report Totals:

3	13	18	62	153	80	27	6	6	3	2	2	0	0	0
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**Nu-Metrics Traffic Analyzer Study  
Computer Generated Summary Report  
City: Lombard  
Street: S.B.Valley Mid Block**

A study of vehicle traffic was conducted with HI-STAR unit number 7B1741. The study was done in the lane on S.B.Valley Mid Block in Lombard, Il in DuPage county. The study began on 09/22/2009 at 09:00 AM and concluded on 09/24/2009 at 09:00 AM, lasting a total of 48 hours. Data was recorded in 60 minute time periods. The total recorded volume of traffic showed 507 vehicles passed through the location with a peak volume of 31 on 09/23/2009 at 05:00 PM and a minimum volume of 0 on 09/23/2009 at 03:00 AM. The AADT Count for this study was 254.

**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 to >
1	7	23	66	204	142	37	9	3	3	2	0	0	0	0

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 29 mph with 39.4 percent exceeding the posted speed of 30 mph. The HI-STAR found 0.40 percent of the total vehicles were traveling in excess of 55 mph. The mode speed for this traffic study was 25 mph and the 85th percentile was 34.28 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 21	22 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 139	140 to >
474	16	6	0	0	1	0	0

Most of the vehicles classified during the study were Passenger Cars. The number of Passenger Cars in the study was 474 which represents 95.40 percent of the total classified vehicles. The number of Small Trucks in the study was 16 which represents 3.20 percent of the total classified vehicles. The number of Trucks/Buses in the study was 6 which represents 1.20 percent of the total classified vehicles. The number of Tractor Trailers in the study was 1 which represents 0.20 percent of the total classified vehicles.

**HEADWAY**

During the peak time period, on 09/23/2009 at 05:00 PM the average headway between the vehicles was 112.5 seconds. The slowest traffic period was on 09/23/2009 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 62 and 97 degrees Fahrenheit. The HI-STAR determined that the roadway surface was Dry 0.00 percent of the time.



## Time/Speed Report

HI-Star ID: 7B1741	Begin: 09/22/2009 09:00 AM	End: 09/24/2009 09:00 AM
Street: S.B.Valley Mid Block	Lane:	Hours: 48:00
State: IL	Oper: EP	Period: 60
City: Lombard	Posted: 30	Raw Count: 507
County: DuPage	AADT Factor: 1	AADT Count: 254

	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
NC200 - mph	9	14	19	24	29	34	39	44	49	54	59	64	69	74		

**09/22/2009**

[09:00 AM-10:00 AM]	0	0	1	0	5	3	0	0	0	0	0	0	0	0	0	9
[10:00 AM-11:00 AM]	0	0	2	2	7	3	0	0	0	0	0	0	0	0	0	14
[11:00 AM-12:00 PM]	0	0	0	3	4	1	0	0	0	0	0	0	0	0	0	8
[12:00 PM-01:00 PM]	0	0	0	0	6	1	1	1	0	0	0	0	0	0	0	9
[01:00 PM-02:00 PM]	0	0	1	1	4	2	1	0	0	0	1	0	0	0	0	10
[02:00 PM-03:00 PM]	0	2	1	1	6	5	1	0	1	0	0	0	0	0	0	17
[03:00 PM-04:00 PM]	0	1	1	2	6	5	0	2	0	0	0	0	0	0	0	17
[04:00 PM-05:00 PM]	0	0	2	5	7	5	6	0	0	0	0	0	0	0	0	25
[05:00 PM-06:00 PM]	0	0	0	2	10	7	2	0	0	0	0	0	0	0	0	21
[06:00 PM-07:00 PM]	0	0	0	2	11	11	2	0	1	2	0	0	0	0	0	29
[07:00 PM-08:00 PM]	0	0	0	3	2	1	1	0	0	0	0	0	0	0	0	7
[08:00 PM-09:00 PM]	0	1	0	2	8	4	0	0	1	0	0	0	0	0	0	16
[09:00 PM-10:00 PM]	0	0	0	1	2	0	0	1	0	0	0	0	0	0	0	4
[10:00 PM-11:00 PM]	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	3
[11:00 PM-12:00 AM]	0	0	2	0	0	1	0	1	0	0	0	0	0	0	0	4
	0	4	10	24	79	51	14	5	3	2	1	0	0	0	0	193

Daily Totals:      0      4      10      24      79      51      14      5      3      2      1      0      0      0      0      193

**09/23/2009**

## Time/Speed Report

	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
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### 09/23/2009

[12:00 AM-01:00 AM]	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
[01:00 AM-02:00 AM]	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
[02:00 AM-03:00 AM]	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
[03:00 AM-04:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[04:00 AM-05:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[05:00 AM-06:00 AM]	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2
[06:00 AM-07:00 AM]	0	0	0	3	1	2	1	0	0	0	0	0	0	0	0	7
[07:00 AM-08:00 AM]	0	0	2	4	12	6	2	0	0	0	1	0	0	0	0	27
[08:00 AM-09:00 AM]	0	0	0	1	8	2	0	1	0	0	0	0	0	0	0	12
[09:00 AM-10:00 AM]	0	0	0	0	2	3	0	0	0	0	0	0	0	0	0	5
[10:00 AM-11:00 AM]	0	0	0	2	3	1	0	0	0	0	0	0	0	0	0	6
[11:00 AM-12:00 PM]	0	0	0	4	9	0	1	0	0	0	0	0	0	0	0	14
[12:00 PM-01:00 PM]	0	0	1	6	4	3	3	0	0	0	0	0	0	0	0	17
[01:00 PM-02:00 PM]	0	0	0	1	5	3	0	0	0	0	0	0	0	0	0	9
[02:00 PM-03:00 PM]	1	0	0	2	7	5	1	0	0	1	0	0	0	0	0	17
[03:00 PM-04:00 PM]	0	0	1	1	5	8	0	1	0	0	0	0	0	0	0	16
[04:00 PM-05:00 PM]	0	0	0	2	10	8	3	1	0	0	0	0	0	0	0	24
[05:00 PM-06:00 PM]	0	0	1	2	13	12	3	0	0	0	0	0	0	0	0	31
[06:00 PM-07:00 PM]	0	1	1	1	8	5	2	0	0	0	0	0	0	0	0	18
[07:00 PM-08:00 PM]	0	1	0	1	3	7	1	1	0	0	0	0	0	0	0	14
[08:00 PM-09:00 PM]	0	1	1	2	3	4	0	0	0	0	0	0	0	0	0	11
[09:00 PM-10:00 PM]	0	0	0	1	1	3	2	0	0	0	0	0	0	0	0	7
[10:00 PM-11:00 PM]	0	0	1	1	4	1	0	0	0	0	0	0	0	0	0	7
[11:00 PM-12:00 AM]	0	0	2	0	1	1	0	0	0	0	0	0	0	0	0	4
	<u>1</u>	<u>3</u>	<u>10</u>	<u>34</u>	<u>102</u>	<u>76</u>	<u>19</u>	<u>4</u>	<u>0</u>	<u>1</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>251</u>

Daily Totals:      1            3            10            34            102            76            19            4            0            1            1            0            0            0            0            251

### 09/24/2009

[12:00 AM-01:00 AM]	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	2
[01:00 AM-02:00 AM]	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
[02:00 AM-03:00 AM]	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2
[03:00 AM-04:00 AM]	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
[04:00 AM-05:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[05:00 AM-06:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[06:00 AM-07:00 AM]	0	0	1	2	1	2	0	0	0	0	0	0	0	0	0	6
[07:00 AM-08:00 AM]	0	0	0	2	11	8	1	0	0	0	0	0	0	0	0	22
[08:00 AM-09:00 AM]	0	0	1	4	9	3	2	0	0	0	0	0	0	0	0	19
	<u>0</u>	<u>0</u>	<u>3</u>	<u>8</u>	<u>23</u>	<u>15</u>	<u>4</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>53</u>

Daily Totals:      0            0            3            8            23            15            4            0            0            0            0            0            0            0            0            53

Report Totals:    1            7            23            66            204            142            37            9            3            3            2            0            0            0            0            497

## Time/Speed Report

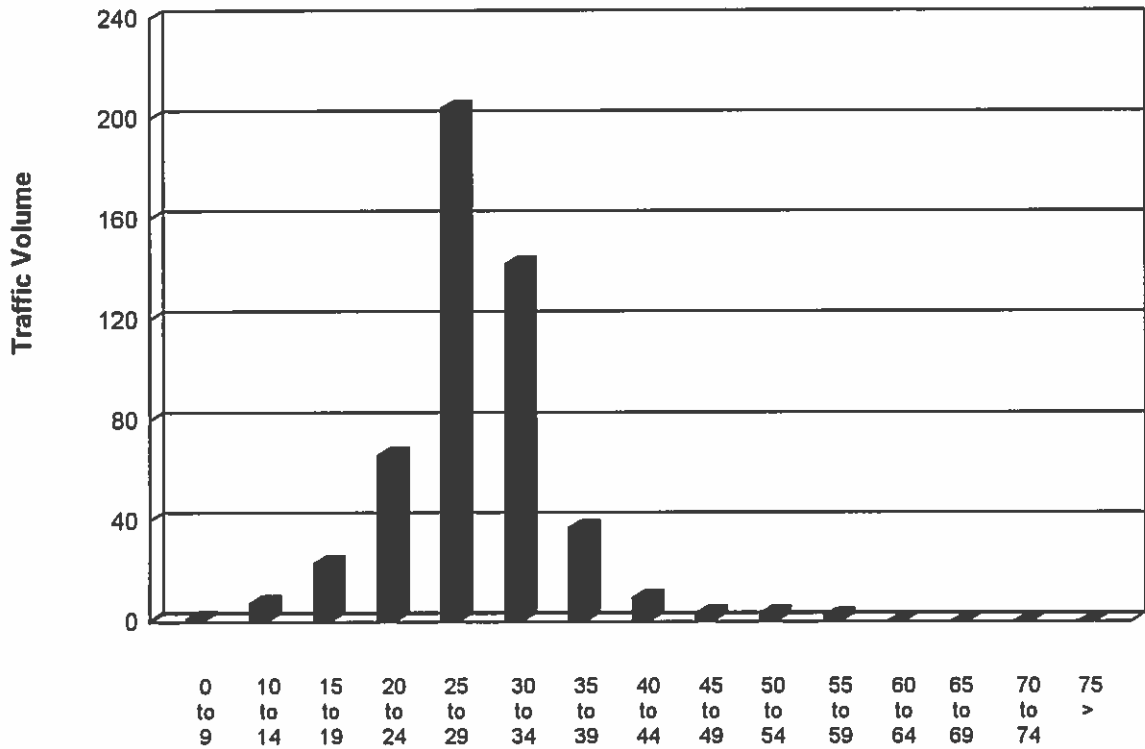
	0 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 >	Total
NC200 - mph																

Report Percentages:   0.20%   4.63%   41.05%   7.44%   0.60%   0.40%   0.00%   0.00%  
                                   1.41%   13.28%   28.57%   1.81%   0.60%   0.00%   0.00%

### Speed/Volume Graph

HI-Star ID: 7B1741	Begin: 09/22/2009 09:00 AM	End: 09/24/2009 09:00 AM
Street: S.B.Valley Mid Block	Lane:	Hours: 48:00
State: IL	Oper: EP	Period: 60
City: Lombard	Posted: 30	Raw Count: 507
County: DuPage	AADT Factor: 1	AADT Count: 254

### Speed/Volume Graph



Report Totals:

1	7	23	66	204	142	37	9	3	3	2	0	0	0	0
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Execution Time:  
9/28/2009 1:28:59 PM

**Mobile Capture & Reporting System  
Crash Reports - Advanced Select  
Control Report**

<b>Date Range:</b> 9/30/2006	<b>To</b> 9/28/2009	<b>TRFD Description:</b> All TRFD Codes
<b>Agency:</b> LOMBARD PD		<b>TRFC Description:</b> All TRFC Codes
<b>District:</b> N/A		<b>WEAT Description:</b> All WEAT Codes
<b>Officer:</b> All Officers		<b>LGHT Description:</b> All LGHT Codes
<b>County:</b> DUPAGE		<b>COLL Description:</b> All COLL Codes
<b>City:</b> LOMBARD		<b>TRFW Description:</b> All TRFW Codes
<b>Township:</b>		<b>LANE:</b> All LANE Codes
<b>Street Name 1:</b> valley		<b>ALGN Description:</b> All ALGN Codes
<b>Street Name 2:</b>		<b>RSUR Description:</b> All RSUR Codes
<b>INJR Code:</b> All INJR Codes		<b>RDEF Description:</b> All RDEF Codes
<b>SAFT Code:</b> All SAFT Codes		<b>Commercial VEHC Ind:</b> No
<b>AIRB Code:</b> All AIRB Codes		<b>HAZMAT Spill Ind:</b> No
<b>From Age:</b>	<b>To Age</b>	<b>Agency Approval Ind:</b> No
<b>Contrib Cause:</b> All CNCS Codes		<b>Intersection Related:</b> No

**Mobile Capture & Reporting System  
Crash Reports - Advanced Select**

MCR ID	Agency Report Number	Crash Date / Time	County / City or Township	Ac
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Page: 1 Of 1

**Nu-Metrics Traffic Analyzer Study  
Computer Generated Summary Report  
City: Lombard  
Street: E.B.Foxworth bet Hunter & Hunter**

A study of vehicle traffic was conducted with HI-STAR unit number 7B1745. The study was done in the lane on E.B.Foxworth bet Hunter & Hunter in Lombard, Il in DuPage county. The study began on 09/22/2009 at 09:00 AM and concluded on 09/24/2009 at 09:00 AM, lasting a total of 48 hours. Data was recorded in 60 minute time periods. The total recorded volume of traffic showed 666 vehicles passed through the location with a peak volume of 42 on 09/22/2009 at 04:00 PM and a minimum volume of 0 on 09/23/2009 at 02:00 AM. The AADT Count for this study was 333.

**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 to >
4	11	32	68	181	204	84	30	13	9	8	1	2	0	0

At least half of the vehicles were traveling in the 30 - 34 mph range or a lower speed. The average speed for all classified vehicles was 31 mph with 54.2 percent exceeding the posted speed of 30 mph. The HI-STAR found 1.70 percent of the total vehicles were traveling in excess of 55 mph. The mode speed for this traffic study was 30 mph and the 85th percentile was 37.97 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 21	22 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 139	140 to >
580	42	15	8	1	1	0	0

Most of the vehicles classified during the study were Passenger Cars. The number of Passenger Cars in the study was 580 which represents 89.60 percent of the total classified vehicles. The number of Small Trucks in the study was 42 which represents 6.50 percent of the total classified vehicles. The number of Trucks/Buses in the study was 15 which represents 2.30 percent of the total classified vehicles. The number of Tractor Trailers in the study was 10 which represents 1.50 percent of the total classified vehicles.

**HEADWAY**

During the peak time period, on 09/22/2009 at 04:00 PM the average headway between the vehicles was 83.72 seconds. The slowest traffic period was on 09/23/2009 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 64 and 82 degrees Fahrenheit. The HI-STAR determined that the roadway surface was Dry 0.00 percent of the time.

## Time/Speed Report

	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
--	--------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	---------	-------

**09/23/2009**

[12:00 AM-01:00 AM]	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
[01:00 AM-02:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[02:00 AM-03:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[03:00 AM-04:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[04:00 AM-05:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[05:00 AM-06:00 AM]	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
[06:00 AM-07:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[07:00 AM-08:00 AM]	0	2	0	1	0	0	0	0	0	1	0	0	0	0	0	4
[08:00 AM-09:00 AM]	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	3
[09:00 AM-10:00 AM]	0	1	1	3	2	3	1	0	0	0	0	0	0	0	0	11
[10:00 AM-11:00 AM]	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	3
[11:00 AM-12:00 PM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[12:00 PM-01:00 PM]	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
[01:00 PM-02:00 PM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[02:00 PM-03:00 PM]	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
[03:00 PM-04:00 PM]	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	3
[04:00 PM-05:00 PM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[05:00 PM-06:00 PM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[06:00 PM-07:00 PM]	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
[07:00 PM-08:00 PM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[08:00 PM-09:00 PM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[09:00 PM-10:00 PM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[10:00 PM-11:00 PM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[11:00 PM-12:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	<u>1</u>	<u>5</u>	<u>4</u>	<u>4</u>	<u>7</u>	<u>5</u>	<u>2</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>30</u>

Daily Totals:      1      5      4      4      7      5      2      1      0      0      1      0      0      0      0      30

**09/24/2009**

[12:00 AM-01:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[01:00 AM-02:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[02:00 AM-03:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[03:00 AM-04:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[04:00 AM-05:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[05:00 AM-06:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[06:00 AM-07:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[07:00 AM-08:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[08:00 AM-09:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

Daily Totals:      0      0      0      0      0      0      0      0      0      0      0      0      0      0      0      0

Report Totals:      3      9      7      6      11      16      2      2      1      1      1      1      0      0      0      60



## Time/Speed Report

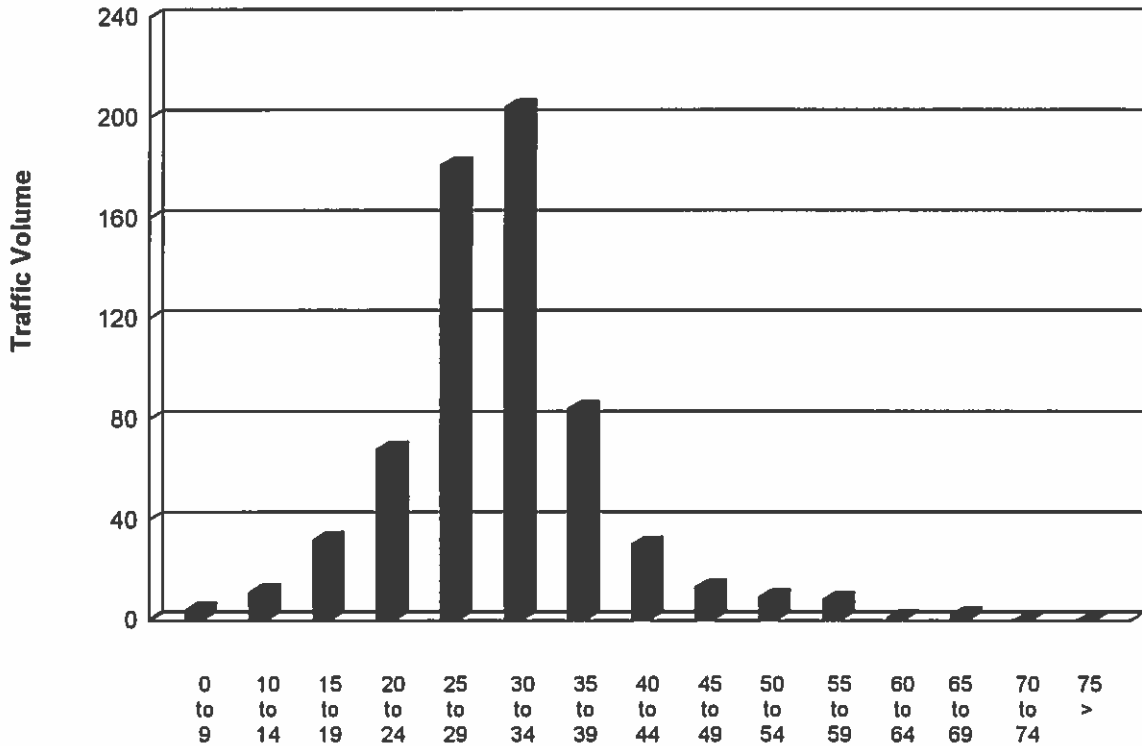
	0	10	15	20	25	30	35	40	45	50	55	60	65	70	75	
	to	to	to	to	to	to	to	to	to	to	to	to	to	to	>	
NC200 - mph	9	14	19	24	29	34	39	44	49	54	59	64	69	74		Total

Report Percentages: 5.00% 11.67% 18.33% 3.33% 1.67% 1.67% 0.00% 0.00%  
 15.00% 10.00% 26.67% 3.33% 1.67% 1.67% 0.00%

### Speed/Volume Graph

HI-Star ID: 7B1745	Begin: 09/22/2009 09:00 AM	End: 09/24/2009 09:00 AM
Street: E.B.Foxworth bet Hunter & Hunter II	Lane:	Hours: 48:00
City: Lombard	Oper: EP	Period: 60
County: DuPage	Posted: 30	Raw Count: 666
	AADT Factor: 1	AADT Count: 333

### Speed/Volume Graph



Report Totals:

4	11	32	68	181	204	84	30	13	9	8	1	2	0	0
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**Nu-Metrics Traffic Analyzer Study  
Computer Generated Summary Report  
City: Lombard  
Street: W.B.Foxworth bet Hunter & Hunter**

A study of vehicle traffic was conducted with HI-STAR unit number 7B1746. The study was done in the lane on W.B.Foxworth bet Hunter & Hunter in Lombard, Il in DuPage county. The study began on 09/22/2009 at 09:00 AM and concluded on 09/24/2009 at 09:00 AM, lasting a total of 48 hours. Data was recorded in 60 minute time periods. The total recorded volume of traffic showed 83 vehicles passed through the location with a peak volume of 11 on 09/23/2009 at 09:00 AM and a minimum volume of 0 on 09/22/2009 at 10:00 AM. The AADT Count for this study was 42.

**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 >
3	9	7	6	11	16	2	2	1	1	1	1	0	0	0

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 26 mph with 40.0 percent exceeding the posted speed of 30 mph. The HI-STAR found 3.33 percent of the total vehicles were traveling in excess of 55 mph. The mode speed for this traffic study was 30 mph and the 85th percentile was 34.69 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 21	22 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 139	140 >
42	9	2	4	2	0	1	0

Most of the vehicles classified during the study were Passenger Cars. The number of Passenger Cars in the study was 42 which represents 70.00 percent of the total classified vehicles. The number of Small Trucks in the study was 9 which represents 15.00 percent of the total classified vehicles. The number of Trucks/Buses in the study was 2 which represents 3.30 percent of the total classified vehicles. The number of Tractor Trailers in the study was 7 which represents 11.70 percent of the total classified vehicles.

**HEADWAY**

During the peak time period, on 09/23/2009 at 09:00 AM the average headway between the vehicles was 300.0 seconds. The slowest traffic period was on 09/22/2009 at 10:00 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 62 and 85 degrees Fahrenheit. The HI-STAR determined that the roadway surface was Dry 0.00 percent of the time.

## Time/Speed Report

HI-Star ID: 7B1746	Begin: 09/22/2009 09:00 AM	End: 09/24/2009 09:00 AM
Street: W.B.Foxworth bet Hunter & Lane:	Hours: 48:00	
State: IL	Oper: EP	Period: 60
City: Lombard	Posted: 30	Raw Count: 83
County: DuPage	AADT Factor: 1	AADT Count: 42

	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
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**09/22/2009**

[09:00 AM-10:00 AM]	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0	3
[10:00 AM-11:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[11:00 AM-12:00 PM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
[12:00 PM-01:00 PM]	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
[01:00 PM-02:00 PM]	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2
[02:00 PM-03:00 PM]	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
[03:00 PM-04:00 PM]	0	0	1	1	0	1	0	1	0	0	0	0	0	0	0	4
[04:00 PM-05:00 PM]	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
[05:00 PM-06:00 PM]	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	2
[06:00 PM-07:00 PM]	1	1	0	0	0	3	0	0	1	0	0	0	0	0	0	6
[07:00 PM-08:00 PM]	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
[08:00 PM-09:00 PM]	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0	3
[09:00 PM-10:00 PM]	0	1	0	0	2	0	0	0	0	1	0	0	0	0	0	4
[10:00 PM-11:00 PM]	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
[11:00 PM-12:00 AM]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	4	3	2	4	11	0	1	1	1	0	1	0	0	0	30

**Daily Totals:**

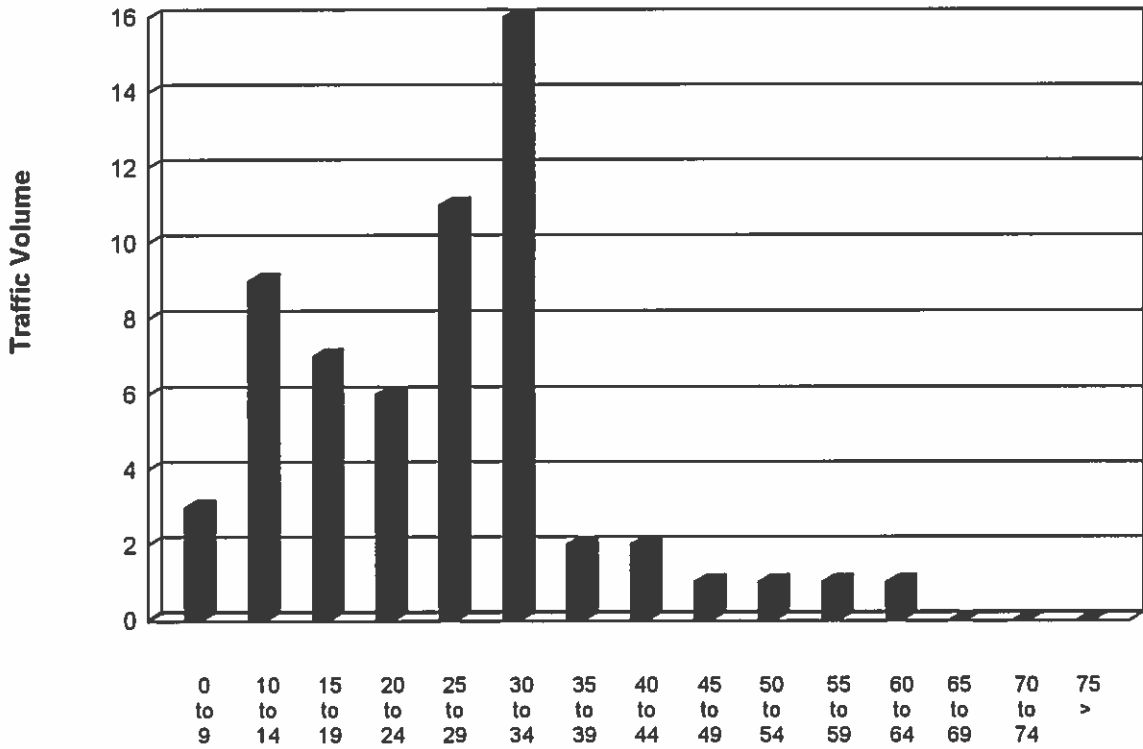
	2	4	3	2	4	11	0	1	1	1	0	1	0	0	0	30
--	---	---	---	---	---	----	---	---	---	---	---	---	---	---	---	----

**09/23/2009**

### Speed/Volume Graph

HI-Star ID: 7B1746	Begin: 09/22/2009 09:00 AM	End: 09/24/2009 09:00 AM
Street: W.B.Foxworth bet Hunter & Hunter II	Lane:	Hours: 48:00
City: Lombard	Oper: EP	Period: 60
County: DuPage	Posted: 30	Raw Count: 83
	AADT Factor: 1	AADT Count: 42

### Speed/Volume Graph



Report Totals:

3	9	7	6	11	16	2	2	1	1	1	0	0	0
---	---	---	---	----	----	---	---	---	---	---	---	---	---

Execution Time:  
9/28/2009 1:30:10 PM

**Mobile Capture & Reporting System  
Crash Reports - Advanced Select  
Control Report**

<b>Date Range:</b> 9/30/2006	<b>To</b> 9/28/2009	<b>TRFD Description:</b> All TRFD Codes
<b>Agency:</b> LOMBARD PD		<b>TRFC Description:</b> All TRFC Codes
<b>District:</b> N/A		<b>WEAT Description:</b> All WEAT Codes
<b>Officer:</b> All Officers		<b>LGHT Description:</b> All LGHT Codes
<b>County:</b> DUPAGE		<b>COLL Description:</b> All COLL Codes
<b>City:</b> LOMBARD		<b>TRFW Description:</b> All TRFW Codes
<b>Township:</b>		<b>LANE:</b> All LANE Codes
<b>Street Name 1:</b> Foxworth		<b>ALGN Description:</b> All ALGN Codes
<b>Street Name 2:</b>		<b>RSUR Description:</b> All RSUR Codes
<b>INJR Code:</b> All INJR Codes		<b>RDEF Description:</b> All RDEF Codes
<b>SAFT Code:</b> All SAFT Codes		<b>Commercial VEHC Ind:</b> No
<b>AIRB Code:</b> All AIRB Codes		<b>HAZMAT Spill Ind:</b> No
<b>From Age:</b>	<b>To Age</b>	<b>Agency Approval Ind:</b> No
<b>Contrib Cause:</b> All CNCS Codes		<b>Intersection Related:</b> No

**Mobile Capture & Reporting System  
Crash Reports - Advanced Select**

<b>MCR ID</b>	<b>Agency Report Number</b>	<b>Crash Date / Time</b>	<b>County / City or Township</b>	<b>Ac</b>
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Page: 1 Of 1