



970076

To: Stan Rickard, Public Works Director

From: John Johnson, Technical Services Supervisor *JJ*

Date: October 22, 1997

Subject: Request for Speed Reduction on East Hickory

Mr. Ed Cummings, 401 S. Craig Pl., requested the speed limit be reduced to 25 mph on Hickory between Main St. and Grace St. Attached for your review are the traffic analyzer reports, accident data and a diagram of the study area.

According to the "Policy on Establishing and Posting Speed Limits", the basic investigation to lower or raise the speed limit requires 2 sets of data, eighty-fifth of percentile speed and upper limit pace (mode). The calculated prevailing speed for Hickory is 30.26 mph. This speed represents the free-flowing speed of the vehicles using Hickory.

The policy outlines an optional supplementary investigation which may be used in whole or in part. The optional investigations include:

- Accident Rate
- Access Control
- Pedestrian Activity
- Parking

Accident Rate:

Accident data was collected from January 1994 through August 1997. A total of 14 accidents occurred on Hickory between Main and Grace, an average of 3.5 accidents per year. This falls below the state wide average for this classification of road. A 5% speed reduction can not be applied to the prevailing speed.

Access Control:

Access conflicts are driveways and intersections, minor and major. Hickory has 75 conflicts between Main and Grace. Access conflicts equates to 150 conflicts per mile. With a conflict rate of 61 or more, a 10% speed reduction can be applied to the prevailing speed.

Pedestrian Activity:

Pedestrian activity reductions are applied to roadways without sidewalks. Hickory has sidewalks on both sides of the street between Main and Grace. A 5% speed reduction can not be applied to the prevailing speed.

Parking:

Parking is permitted on both sides of Hickory, adjacent to the traffic lanes. A 5% speed reduction can be applied to the prevailing speed.

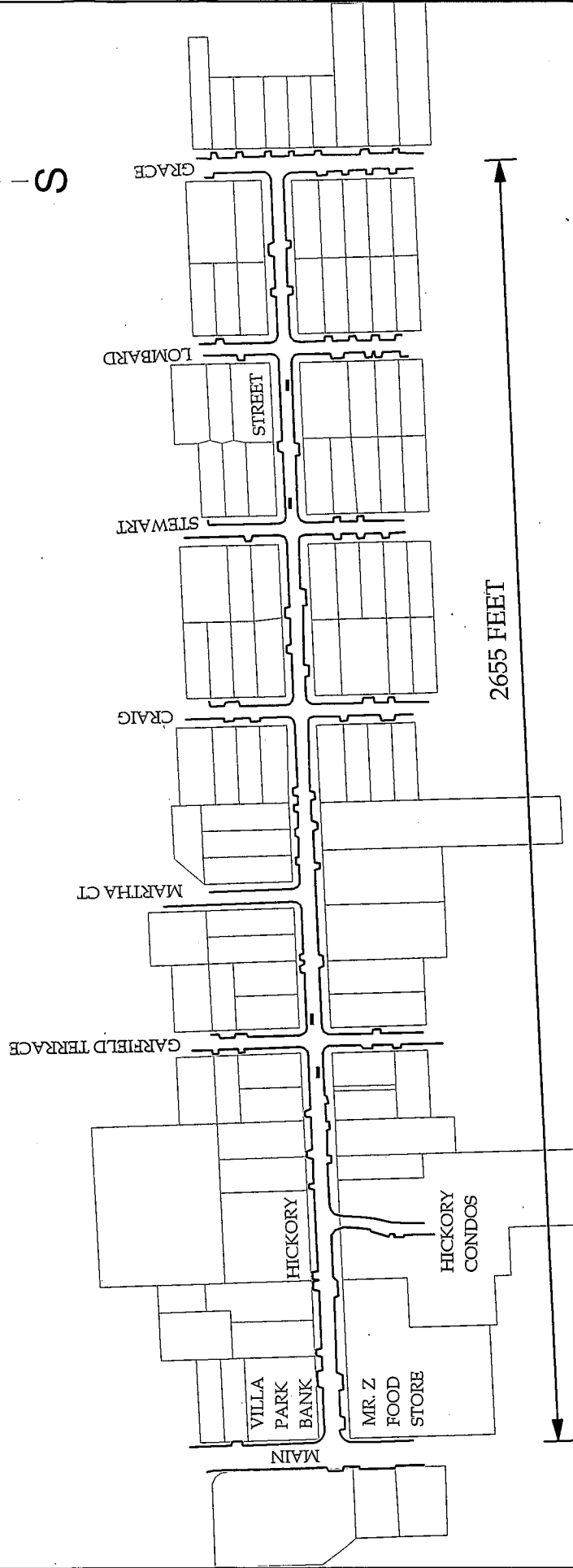
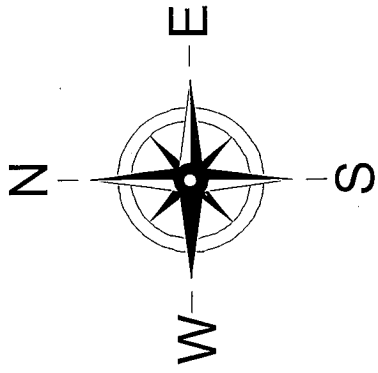
Applying the 15% percent speed reduction to the prevailing speed, a revised speed of 25.73 is achieved. The expected violation rate will increase to approximately 70%, from an average violation rate of 27%.

The accidents that have occurred on Hickory have no correlation to speed vs. accidents. The conflict number of 75 does not appear to be creating a problem for drivers or residents entering and leaving their driveway.

On the basis of the above data, I would not recommend lowering the speed limit on Hickory between Main and Grace.

JJ

cc: John Jaugilas, Trustee - District 4
Paul Kufrin, Trustee - District 6
Frank Gatz - District 5
Ralph Borgatell - District 1
Mr. Ed Cummings, 401 S. Craig Pl.,
Transportation and Safety Committee



■ = Location of Traffic Analyzers

NU-METRICS Traffic Analyzer Study
 Computer Generated Summary Report
 Route: EB HICKORY
 Location: LOMBARD

A survey of vehicle traffic was conducted with HISTAR unit number 3796. The survey was done in the 0 lane on EB HICKORY in LOMBARD, IL, in DUPAGE county. The survey lasted for 48.0 hours and began on Tuesday, October 14, 1997 at 1:00pm and ended on Thursday, October 16, 1997 at 1:00pm. Data were recorded in 60 minute time periods. The total recorded volume of traffic showed 1415 vehicles passed through the location with a peak volume of 113 on Wednesday, October 15, 1997 at 5:00pm and a minimum volume of 0 on Wednesday, October 15, 1997 at 1:00am.

SPEED

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

=====Chart 1=====

Speed Bins														
<20	23	25	28	30	33	35	38	40	43	45	48	50	53	55>
93		155		254		66		13		4		2		2
137		392		213		55		13		2		1		

Half of the vehicles were traveling at 28 Mph or lower speed. The average speed for all classified vehicles was 28.9 Mph with 26.5 percent exceeding the posted speed of 30 Mph. The HI-STAR found 0.0 percent of the vehicles were traveling in excess of 55 Mph. The mode speed for this traffic study was 27.9 Mph and the 85th percentile was 32.8 Mph.

CLASS

Chart 2 lists the values of the 8 class bins and the total volume for each bin.

=====Chart 2=====

Class Bins (ft)							
<19	30	40	50	60	70	0	0>
1157	188	44	12	1	0	0	0

Most of the vehicles were passenger cars with a total count of 1157. This represents 82.52 percent of the classified vehicles. The truck percentage is 17.48 percent of the classified vehicles.

HEADWAY

During the peak time period, on Wednesday, October 15, 1997 at 5:00pm the average headway between the vehicles was 31.86 seconds. The slow period occurred on Wednesday, October 15, 1997 at 1:00am and the headway between the vehicles averaged 0.00 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 41 degrees Fahrenheit and 61 degrees Fahrenheit. The HI-STAR analyzer determined that the roadway surface was DRY 100 percent of the time.

13:37

HDM FRAME STUDY --- HDM Version 6.02

10/16/97

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=====
HISTAR ID: 3796          Begin: 10/14/97 13:00      End: 10/16/97 13:00
Route: EB HICKORY       Lane: 0                Hours: 48.0
Loc/Sta: LOMBARD        Oper: EP              Period: 60 min
City: LOMBARD           Posted: 30 MPH        Raw Count: 1415
County: DUPAGE          AADT Factor: 1.00    AADT Count: 707
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-- DATE/TIME/VOLUME/AVG SPEED/TEMP Report --

DATE	TIME	VOLUME	AVG SPEED	TEMP	Wx
10/14/97	13:00	42	30	51 F	Dry
10/14/97	14:00	52	29	53 F	Dry
10/14/97	15:00	55	28	53 F	Dry
10/14/97	16:00	72	29	53 F	Dry
10/14/97	17:00	86	31	53 F	Dry
10/14/97	18:00	60	28	51 F	Dry
10/14/97	19:00	29	29	51 F	Dry
10/14/97	20:00	32	28	49 F	Dry
10/14/97	21:00	14	32	47 F	Dry
10/14/97	22:00	8	31	45 F	Dry
10/14/97	23:00	2	30	45 F	Dry
10/15/97	0:00	3	28	43 F	Dry
10/15/97	1:00	0	0	43 F	Dry
10/15/97	2:00	1	28	43 F	Dry
10/15/97	3:00	1	30	43 F	Dry
10/15/97	4:00	3	25	43 F	Dry
10/15/97	5:00	5	28	41 F	Dry
10/15/97	6:00	12	32	41 F	Dry
10/15/97	7:00	29	30	43 F	Dry
10/15/97	8:00	47	30	43 F	Dry
10/15/97	9:00	35	28	45 F	Dry
10/15/97	10:00	32	30	47 F	Dry
10/15/97	11:00	19	27	49 F	Dry
10/15/97	12:00	39	30	53 F	Dry
10/15/97	13:00	26	27	53 F	Dry
10/15/97	14:00	35	28	55 F	Dry
10/15/97	15:00	58	27	55 F	Dry
10/15/97	16:00	78	28	55 F	Dry
10/15/97	17:00	113	29	53 F	Dry
10/15/97	18:00	88	29	53 F	Dry
10/15/97	19:00	30	29	51 F	Dry
10/15/97	20:00	28	28	51 F	Dry
10/15/97	21:00	21	27	51 F	Dry
10/15/97	22:00	7	24	49 F	Dry
10/15/97	23:00	3	22	47 F	Dry
10/16/97	0:00	2	27	47 F	Dry
10/16/97	1:00	1	25	47 F	Dry
10/16/97	2:00	3	29	45 F	Dry
10/16/97	3:00	0	0	45 F	Dry

13:37

HDM FRAME STUDY --- HDM Version 6.02

10/16/97

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=====
HISTAR ID: 3796      Begin: 10/14/97 13:00   End: 10/16/97 13:00
Route: EB HICKORY   Lane: 0                 Hours: 48.0
Loc/Sta: LOMBARD    Oper: EP                Period: 60 min
City: LOMBARD       Posted: 30 MPH          Raw Count: 1415
County: DUPAGE      AADT Factor: 1.00      AADT Count: 707
=====
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--- DATE/TIME/VOLUME/AVG SPEED/TEMP Report ---

```
=====
DATE          TIME          VOLUME    AVG SPEED    TEMP      Wx
=====
10/16/97     4:00           1          28           45 F     Dry
10/16/97     5:00           6          25           45 F     Dry
10/16/97     6:00          23          27           45 F     Dry
10/16/97     7:00          35          30           45 F     Dry
10/16/97     8:00          34          30           49 F     Dry
10/16/97     9:00          30          30           53 F     Dry
10/16/97    10:00          34          29           57 F     Dry
10/16/97    11:00          41          29           59 F     Dry
10/16/97    12:00          40          32           61 F     Dry
=====
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13:37

HDM FRAME STUDY --- HDM Version 6.02

10/16/97

```

=====
HISTAR ID: 3796          Begin: 10/14/97 13:00      End: 10/16/97 13:00
Route: EB HICKORY       Lane: 0          Hours: 48.0
Loc/Sta: LOMBARD        Oper: EP         Period: 60 min
City: LOMBARD           Posted: 30 MPH   Raw Count: 1415
County: DUPAGE          AADT Factor: 1.00 AADT Count: 707
=====

```

---- TIME/SPEED Report ----

Time	20	23	25	28	30	33	35	38	40	43	45	48	50	53	55	Total
13:00	4	4	2	9	10	6	3	2	0	1	0	1	0	0	0	42
14:00	2	7	6	14	10	8	3	2	0	0	0	0	0	0	0	52
15:00	1	7	8	23	6	6	0	3	0	1	0	0	0	0	0	55
16:00	8	2	10	16	12	11	6	5	1	1	0	0	0	0	0	72
17:00	4	4	4	21	17	18	8	6	2	1	0	0	0	0	0	85
18:00	1	12	8	16	12	6	4	0	0	1	0	0	0	0	0	60
19:00	1	4	0	8	9	6	0	0	0	0	0	0	0	0	0	28
20:00	4	4	6	7	6	2	0	2	0	0	1	0	0	0	0	32
21:00	0	0	0	6	2	3	0	3	0	0	0	0	0	0	0	14
22:00	0	0	1	2	2	2	0	1	0	0	0	0	0	0	0	8
23:00	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2

----- MIDNIGHT TOTALS -----

25	44	45	122	88	68	24	24	3	5	1	0	0	0	0	450
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0:00	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	3
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
3:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
4:00	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	3
5:00	1	0	1	1	1	0	1	0	0	0	0	0	0	0	0	5
6:00	0	0	1	4	0	1	1	2	0	1	0	0	0	0	0	10
7:00	1	1	4	3	6	9	0	2	1	0	0	0	0	0	0	27
8:00	1	4	7	10	6	13	3	2	0	0	1	0	0	0	0	47
9:00	5	4	3	5	8	5	3	1	1	0	0	0	0	0	0	35
10:00	2	4	4	9	2	5	1	3	0	0	1	0	0	0	1	32
11:00	1	5	2	8	1	1	1	0	0	0	0	0	0	0	0	19
12:00	3	1	6	14	3	7	1	1	0	2	0	0	0	1	0	39
13:00	1	5	6	5	5	2	1	1	0	0	0	0	0	0	0	26
14:00	1	4	8	11	5	2	1	2	0	0	0	0	0	0	0	34
15:00	6	7	9	12	15	5	2	1	0	0	0	0	0	0	0	57
16:00	3	8	11	34	5	11	2	0	2	0	0	1	0	0	0	77
17:00	14	12	4	32	23	16	3	5	2	0	1	0	1	0	0	113
18:00	3	9	12	22	17	19	4	1	1	0	0	0	0	0	0	88
19:00	0	5	2	8	7	3	2	2	1	0	0	0	0	0	0	30
20:00	1	4	4	7	6	5	0	0	0	0	0	0	0	0	0	27
21:00	3	2	4	7	3	2	0	0	0	0	0	0	0	0	0	21
22:00	3	0	2	2	0	0	0	0	0	0	0	0	0	0	0	7
23:00	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3

----- MIDNIGHT TOTALS -----

51	77	92	197	114	107	26	23	8	3	3	1	1	1	1	705
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13:38

HDM FRAME STUDY --- HDM Version 6.02

10/16/97

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=====
HISTAR ID: 3796          Begin: 10/14/97 13:00    End: 10/16/97 13:00
Route: EB HICKORY       Lane: 0              Hours: 48.0
Loc/Sta: LOMBARD       Oper: EP             Period: 60 min
City: LOMBARD          Posted: 30 MPH      Raw Count: 1415
County: DUPAGE         AADT Factor: 1.00   AADT Count: 707
=====

```

---- TIME/SPEED Report ----

Time	20	23	25	28	30	33	35	38	40	43	45	48	50	53	55	Total
0:00	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
1:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
2:00	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	3
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
5:00	2	1	0	1	2	0	0	0	0	0	0	0	0	0	0	6
6:00	2	3	2	8	6	2	0	0	0	0	0	0	0	0	0	23
7:00	2	3	0	9	11	5	4	1	0	0	0	0	0	0	0	35
8:00	2	3	2	6	7	7	3	2	1	1	0	0	0	0	0	34
9:00	1	2	2	9	5	7	3	0	0	1	0	0	0	0	0	30
10:00	3	0	3	12	9	4	1	1	1	0	0	0	0	0	0	34
11:00	2	3	4	15	5	5	3	2	0	0	0	0	0	0	0	39
12:00	2	1	4	11	5	7	2	2	0	3	0	0	1	0	1	39

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----- GRAND TOTALS -----
93      137      155      254      213      66      55      13      13      4      2      2      1      2      1402

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NU-METRICS Traffic Analyzer Study
 Computer Generated Summary Report
 Route: WB HICKORY
 Location: STEWART

A survey of vehicle traffic was conducted with HISTAR unit number 423. The survey was done in the 0 lane on WB HICKORY in LOMBARD, IL, in DUPAGE county. The survey lasted for 48.0 hours and began on Tuesday, October 14, 1997 at 1:00pm and ended on Thursday, October 16, 1997 at 1:00pm. Data were recorded in 60 minute time periods. The total recorded volume of traffic showed 3565 vehicles passed through the location with a peak volume of 155 on Wednesday, October 15, 1997 at 3:00pm and a minimum volume of 0 on Wednesday, October 15, 1997 at 1:00am.

SPEED

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

=====Chart 1=====

Speed Bins														
<20	23	25	28	30	33	35	38	40	43	45	48	50	53	55>
541		454		335		111		23		3		2		0
453	1054	508	48	5	2	0								

Half of the vehicles were traveling at 28 Mph or lower speed. The average speed for all classified vehicles was 27.2 Mph with 19.8 percent exceeding the posted speed of 30 Mph. The HI-STAR found 0.0 percent of the vehicles were traveling in excess of 55 Mph. The mode speed for this traffic study was 26.4 Mph and the 85th percentile was 31.5 Mph.

CLASS

Chart 2 lists the values of the 8 class bins and the total volume for each bin.

=====Chart 2=====

Class Bins (ft)							
<19	30	40	50	60	70	0	0>
3451	61	12	7	3	5	0	0

Most of the vehicles were passenger cars with a total count of 3451. This represents 97.51 percent of the classified vehicles. The truck percentage is 2.49 percent of the classified vehicles.

HEADWAY

During the peak time period, on Wednesday, October 15, 1997 at 3:00pm the average headway between the vehicles was 23.23 seconds. The slow period occurred on Wednesday, October 15, 1997 at 1:00am and the headway between the vehicles averaged 0.00 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 41 degrees Fahrenheit and 78 degrees Fahrenheit. The HI-STAR analyzer determined that the roadway surface was DRY 100 percent of the time.

14:07

HDM FRAME STUDY --- HDM Version 6.02

10/16/97

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=====
HISTAR ID: 423          Begin: 10/14/97 13:00      End: 10/16/97 13:00
Route: WB HICKORY      Lane: 0                Hours: 48.0
Loc/Sta: STEWART      Oper: EP              Period: 60 min
City: LOMBARD         Posted: 30 MPH        Raw Count: 3565
County: DUPAGE        AADT Factor: 1.00    AADT Count: 1782
=====

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-- DATE/TIME/VOLUME/AVG SPEED/TEMP Report --

DATE	TIME	VOLUME	AVG SPEED	TEMP	Wx
10/14/97	13:00	28	30	68 F	Dry
10/14/97	14:00	65	28	70 F	Dry
10/14/97	15:00	140	24	72 F	Dry
10/14/97	16:00	151	26	64 F	Dry
10/14/97	17:00	130	31	59 F	Dry
10/14/97	18:00	93	27	55 F	Dry
10/14/97	19:00	83	31	53 F	Dry
10/14/97	20:00	74	28	51 F	Dry
10/14/97	21:00	74	28	49 F	Dry
10/14/97	22:00	65	25	47 F	Dry
10/14/97	23:00	59	27	45 F	Dry
10/15/97	0:00	33	26	47 F	Dry
10/15/97	1:00	0	0	47 F	Dry
10/15/97	2:00	1	20	45 F	Dry
10/15/97	3:00	1	33	45 F	Dry
10/15/97	4:00	1	25	45 F	Dry
10/15/97	5:00	3	25	43 F	Dry
10/15/97	6:00	11	31	43 F	Dry
10/15/97	7:00	37	31	41 F	Dry
10/15/97	8:00	56	28	45 F	Dry
10/15/97	9:00	83	23	57 F	Dry
10/15/97	10:00	88	26	68 F	Dry
10/15/97	11:00	101	22	76 F	Dry
10/15/97	12:00	127	22	78 F	Dry
10/15/97	13:00	112	23	72 F	Dry
10/15/97	14:00	132	24	72 F	Dry
10/15/97	15:00	155	24	68 F	Dry
10/15/97	16:00	124	28	64 F	Dry
10/15/97	17:00	121	28	59 F	Dry
10/15/97	18:00	115	29	57 F	Dry
10/15/97	19:00	84	31	55 F	Dry
10/15/97	20:00	87	25	53 F	Dry
10/15/97	21:00	75	29	53 F	Dry
10/15/97	22:00	62	33	51 F	Dry
10/15/97	23:00	63	31	49 F	Dry
10/16/97	0:00	59	28	49 F	Dry
10/16/97	1:00	60	27	49 F	Dry
10/16/97	2:00	61	31	47 F	Dry
10/16/97	3:00	60	33	47 F	Dry

14:08

HDM FRAME STUDY --- HDM Version 6.02

10/16/97

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=====
HISTAR ID: 423          Begin: 10/14/97 13:00    End: 10/16/97 13:00
Route: WB HICKORY      Lane: 0              Hours: 48.0
Loc/Sta: STEWART      Oper: EP            Period: 60 min
City: LOMBARD         Posted: 30 MPH      Raw Count: 3565
County: DUPAGE        AADT Factor: 1.00  AADT Count: 1782
=====
```

--- DATE/TIME/VOLUME/AVG SPEED/TEMP Report ---

```
=====
DATE          TIME          VOLUME    AVG SPEED    TEMP        Wx
=====
10/16/97     4:00          60         28           47 F       Dry
10/16/97     5:00          61         21           47 F       Dry
10/16/97     6:00          77         30           45 F       Dry
10/16/97     7:00          76         30           47 F       Dry
10/16/97     8:00          91         28           51 F       Dry
10/16/97     9:00          77         26           55 F       Dry
10/16/97    10:00          76         30           61 F       Dry
10/16/97    11:00          89         28           63 F       Dry
10/16/97    12:00          84         28           63 F       Dry
=====
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14:08

HDM FRAME STUDY --- HDM Version 6.02

10/16/97

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=====
HISTAR ID: 423          Begin: 10/14/97 13:00   End: 10/16/97 13:00
Route: WB HICKORY      Lane: 0             Hours: 48.0
Loc/Sta: STEWART      Oper: EP           Period: 60 min
City: LOMBARD         Posted: 30 MPH     Raw Count: 3565
County: DUPAGE        AADT Factor: 1.00 AADT Count: 1782
=====

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---- TIME/SPEED Report ----

Time	20	23	25	28	30	33	35	38	40	43	45	48	50	53	55	Total
13:00	3	0	1	8	4	8	4	0	0	0	0	0	0	0	0	28
14:00	6	5	12	22	9	9	0	0	1	0	1	0	0	0	0	65
15:00	42	31	24	25	7	6	2	0	0	1	0	0	0	0	0	138
16:00	14	29	30	56	10	8	3	1	0	0	0	0	0	0	0	151
17:00	4	8	7	22	29	38	8	3	7	2	1	0	1	0	0	130
18:00	7	16	5	46	7	10	0	2	0	0	0	0	0	0	0	93
19:00	1	0	5	22	15	16	20	2	1	0	1	0	0	0	0	83
20:00	1	14	19	11	15	13	0	1	0	0	0	0	0	0	0	74
21:00	4	2	14	32	17	4	0	1	0	0	0	0	0	0	0	74
22:00	17	16	0	31	1	0	0	0	0	0	0	0	0	0	0	65
23:00	0	7	0	51	0	1	0	0	0	0	0	0	0	0	0	59

----- MIDNIGHT TOTALS -----

99	117	114	37	9	3	1	0	
128	326	113	10	3	0	0	0	960

0:00	0	0	18	15	0	0	0	0	0	0	0	0	0	0	0	33
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
3:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
4:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
5:00	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	3
6:00	0	0	0	3	4	3	1	0	0	0	0	0	0	0	0	11
7:00	1	2	7	8	1	7	6	0	4	1	0	0	0	0	0	37
8:00	3	4	4	30	9	4	1	1	0	0	0	0	0	0	0	56
9:00	31	31	9	9	0	1	0	1	0	0	0	0	0	0	0	82
10:00	16	9	13	42	4	3	0	1	0	0	0	0	0	0	0	88
11:00	58	28	10	2	1	0	0	0	0	0	0	0	0	0	0	99
12:00	59	40	7	17	1	0	0	0	0	0	0	0	0	0	0	124
13:00	53	19	29	5	1	2	0	0	0	0	0	0	0	0	0	109
14:00	50	29	13	11	13	3	8	0	0	0	0	1	0	0	0	128
15:00	39	56	22	27	4	2	0	0	0	0	0	0	0	0	0	150
16:00	8	19	17	35	19	20	2	3	0	0	0	0	0	0	0	123
17:00	8	2	17	46	27	15	3	2	0	0	0	0	0	0	0	120
18:00	6	8	15	39	15	21	6	1	3	0	0	0	0	0	0	114
19:00	0	0	4	28	14	31	3	2	2	0	0	0	0	0	0	84
20:00	19	15	31	13	1	6	1	0	1	0	0	0	0	0	0	87
21:00	7	5	10	26	8	1	2	15	0	0	0	0	1	0	0	75
22:00	0	0	0	0	0	61	1	0	0	0	0	0	0	0	0	62
23:00	0	0	0	16	12	35	0	0	0	0	0	0	0	0	0	63

----- MIDNIGHT TOTALS -----

360	228	135	34	10	0	1	0	
267	372	216	26	1	1	1	0	1651

14:08

HDM FRAME STUDY --- HDM Version 6.02

10/16/97

```

=====
HISTAR ID: 423          Begin: 10/14/97 13:00    End: 10/16/97 13:00
Route: WB HICKORY      Lane: 0          Hours: 48.0
Loc/Sta: STEWART      Oper: EP        Period: 60 min
City: LOMBARD         Posted: 30 MPH  Raw Count: 3565
County: DUPAGE        AADT Factor: 1.00  AADT Count: 1782
=====

```

---- TIME/SPEED Report ----

Time	20	23	25	28	30	33	35	38	40	43	45	48	50	53	55	Total
0:00	0	0	0	59	0	0	0	0	0	0	0	0	0	0	0	59
1:00	0	1	24	35	0	0	0	0	0	0	0	0	0	0	0	60
2:00	0	0	7	9	0	44	0	0	1	0	0	0	0	0	0	61
3:00	1	0	0	3	0	56	0	0	0	0	0	0	0	0	0	60
4:00	2	0	0	58	0	0	0	0	0	0	0	0	0	0	0	60
5:00	52	0	8	0	1	0	0	0	0	0	0	0	0	0	0	61
6:00	0	0	16	26	7	16	10	2	0	0	0	0	0	0	0	77
7:00	1	4	4	28	16	19	3	1	0	0	0	0	0	0	0	76
8:00	4	3	18	34	15	9	4	3	0	0	0	0	0	0	0	90
9:00	15	12	6	19	15	8	0	0	1	0	0	0	0	0	0	76
10:00	3	7	11	17	7	14	13	2	0	1	0	1	0	0	0	76
11:00	1	16	3	40	17	8	0	2	1	0	0	0	0	0	0	88
12:00	3	15	12	28	8	5	10	2	1	0	0	0	0	0	0	84

----- GRAND TOTALS -----

```

541          454          335          111          23          3          2          0
  453        1054          508          48          5          3          2          0          3539

```

NU-METRICS Traffic Analyzer Study
 Computer Generated Summary Report
 Route: EB HICKORY
 Location: GARFIELD TERR.

A survey of vehicle traffic was conducted with HISTAR unit number 7523. The survey was done in the 0 lane on EB HICKORY in LOMBARD, IL, in DUPAGE county. The survey lasted for 48.0 hours and began on Tuesday, October 14, 1997 at 1:00pm and ended on Thursday, October 16, 1997 at 1:00pm. Data were recorded in 60 minute time periods. The total recorded volume of traffic showed 2040 vehicles passed through the location with a peak volume of 142 on Wednesday, October 15, 1997 at 5:00pm and a minimum volume of 0 on Wednesday, October 15, 1997 at 2:00am.

SPEED

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

=====Chart 1=====

Speed Bins														
<20	23	25	28	30	33	35	38	40	43	45	48	50	53	55>
235		217		325		117		21		6		2		4
	201		430		343		105		25		2		2	

Half of the vehicles were traveling at 28 Mph or lower speed. The average speed for all classified vehicles was 28.8 Mph with 30.8 percent exceeding the posted speed of 30 Mph. The HI-STAR found 0.0 percent of the vehicles were traveling in excess of 55 Mph. The mode speed for this traffic study was 28.0 Mph and the 85th percentile was 33.3 Mph.

CLASS

Chart 2 lists the values of the 8 class bins and the total volume for each bin.

=====Chart 2=====

Class Bins (ft)							
<19	30	40	50	60	70	0	0>
1864	150	18	3	0	0	0	0

Most of the vehicles were passenger cars with a total count of 1864. This represents 91.60 percent of the classified vehicles. The truck percentage is 8.40 percent of the classified vehicles.

HEADWAY

During the peak time period, on Wednesday, October 15, 1997 at 5:00pm the average headway between the vehicles was 25.35 seconds. The slow period occurred on Wednesday, October 15, 1997 at 2:00am and the headway between the vehicles averaged 0.00 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 43 degrees Fahrenheit and 74 degrees Fahrenheit. The HI-STAR analyzer determined that the roadway surface was DRY 100 percent of the time.

13:27

HDM FRAME STUDY --- HDM Version 6.02

10/16/97

```

=====
HISTAR ID: 7523          Begin: 10/14/97 13:00      End: 10/16/97 13:00
Route: EB HICKORY        Lane: 0          Hours: 48.0
Loc/Sta: GARFIELD TERR. Oper: EP          Period: 60 min
City: LOMBARD           Posted: 30 MPH   Raw Count: 2040
County: DUPAGE          AADT Factor: 1.00 AADT Count: 1020
=====

```

-- DATE/TIME/VOLUME/AVG SPEED/TEMP Report --

DATE	TIME	VOLUME	AVG SPEED	TEMP	Wx
10/14/97	13:00	59	29	70 F	Dry
10/14/97	14:00	69	28	72 F	Dry
10/14/97	15:00	81	29	70 F	Dry
10/14/97	16:00	109	30	63 F	Dry
10/14/97	17:00	127	30	59 F	Dry
10/14/97	18:00	104	29	57 F	Dry
10/14/97	19:00	60	28	55 F	Dry
10/14/97	20:00	55	27	53 F	Dry
10/14/97	21:00	26	29	51 F	Dry
10/14/97	22:00	15	29	49 F	Dry
10/14/97	23:00	4	31	49 F	Dry
10/15/97	0:00	4	29	47 F	Dry
10/15/97	1:00	2	27	47 F	Dry
10/15/97	2:00	0	0	45 F	Dry
10/15/97	3:00	2	25	45 F	Dry
10/15/97	4:00	1	23	45 F	Dry
10/15/97	5:00	5	24	43 F	Dry
10/15/97	6:00	18	26	43 F	Dry
10/15/97	7:00	40	29	43 F	Dry
10/15/97	8:00	58	28	47 F	Dry
10/15/97	9:00	32	27	59 F	Dry
10/15/97	10:00	39	28	70 F	Dry
10/15/97	11:00	47	28	74 F	Dry
10/15/97	12:00	57	30	68 F	Dry
10/15/97	13:00	51	28	74 F	Dry
10/15/97	14:00	63	27	72 F	Dry
10/15/97	15:00	84	28	70 F	Dry
10/15/97	16:00	102	30	64 F	Dry
10/15/97	17:00	142	31	61 F	Dry
10/15/97	18:00	117	30	59 F	Dry
10/15/97	19:00	54	28	57 F	Dry
10/15/97	20:00	46	27	55 F	Dry
10/15/97	21:00	42	28	55 F	Dry
10/15/97	22:00	10	31	53 F	Dry
10/15/97	23:00	7	25	53 F	Dry
10/16/97	0:00	1	30	53 F	Dry
10/16/97	1:00	1	20	51 F	Dry
10/16/97	2:00	2	24	51 F	Dry
10/16/97	3:00	1	20	51 F	Dry

13:27

HDM FRAME STUDY --- HDM Version 6.02

10/16/97

```

=====
HISTAR ID: 7523      Begin: 10/14/97 13:00   End: 10/16/97 13:00
Route: EB HICKORY   Lane: 0                Hours: 48.0
Loc/Sta: GARFIELD TERR. Oper: EP          Period: 60 min
City: LOMBARD       Posted: 30 MPH         Raw Count: 2040
County: DUPAGE      AADT Factor: 1.00     AADT Count: 1020
=====

```

-- DATE/TIME/VOLUME/AVG SPEED/TEMP Report --

```

=====
DATE          TIME          VOLUME    AVG SPEED    TEMP        Wx
=====
10/16/97     4:00           1         20           51 F       Dry
10/16/97     5:00           4         25           51 F       Dry
10/16/97     6:00          15         29           49 F       Dry
10/16/97     7:00          42         30           49 F       Dry
10/16/97     8:00          51         28           53 F       Dry
10/16/97     9:00          37         29           57 F       Dry
10/16/97    10:00          51         30           63 F       Dry
10/16/97    11:00          49         27           64 F       Dry
10/16/97    12:00          53         30           66 F       Dry
=====

```

13:27

HDM FRAME STUDY --- HDM Version 6.02

10/16/97

=====

HISTAR ID: 7523	Begin: 10/14/97 13:00	End: 10/16/97 13:00
Route: EB HICKORY	Lane: 0	Hours: 48.0
Loc/Sta: GARFIELD TERR.	Oper: EP	Period: 60 min
City: LOMBARD	Posted: 30 MPH	Raw Count: 2040
County: DUPAGE	AADT Factor: 1.00	AADT Count: 1020

=====

---- TIME/SPEED Report ----

Time	20	23	25	28	30	33	35	38	40	43	45	48	50	53	55	Total
13:00	4	7	10	15	8	8	1	4	1	1	0	0	0	0	0	59
14:00	10	13	4	16	8	7	6	4	0	1	0	0	0	0	0	69
15:00	7	10	12	14	10	14	5	7	1	0	0	0	0	0	0	80
16:00	9	5	10	17	22	26	9	10	0	1	0	0	0	0	0	109
17:00	9	14	9	27	18	22	11	13	3	1	0	0	0	0	0	127
18:00	11	9	16	16	23	12	4	7	1	3	1	1	0	0	0	104
19:00	7	6	5	20	10	8	2	1	1	0	0	0	0	0	0	60
20:00	11	7	3	11	9	13	0	1	0	0	0	0	0	0	0	55
21:00	2	2	1	7	8	4	1	0	1	0	0	0	0	0	0	26
22:00	0	1	2	5	3	2	1	1	0	0	0	0	0	0	0	15
23:00	0	0	1	0	0	3	0	0	0	0	0	0	0	0	0	4

----- MIDNIGHT TOTALS -----

70		73		119		40		8		1		0		0		708
	74		148		119		48		7		1		0			

0:00	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	4
1:00	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
4:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5:00	2	0	2	1	0	0	0	0	0	0	0	0	0	0	0	5
6:00	8	1	1	4	1	2	0	0	0	1	0	0	0	0	0	18
7:00	4	4	4	9	4	7	1	7	0	0	0	0	0	0	0	40
8:00	11	7	8	4	10	10	5	2	0	1	0	0	0	0	0	58
9:00	8	1	4	7	3	5	1	0	1	0	0	0	0	0	0	30
10:00	8	2	4	10	9	2	1	2	0	0	0	0	0	0	1	39
11:00	3	10	4	12	4	8	2	4	0	0	0	0	0	0	0	47
12:00	2	5	7	11	11	16	3	1	0	1	0	0	0	0	0	57
13:00	8	4	9	12	5	6	2	2	1	1	0	0	0	0	0	50
14:00	9	8	8	20	4	10	1	2	0	1	0	0	0	0	0	63
15:00	16	10	6	22	9	11	3	5	1	0	0	0	1	0	0	84
16:00	9	10	10	17	19	21	6	5	1	2	1	0	1	0	0	102
17:00	7	11	7	26	33	29	13	9	1	4	0	0	0	0	2	142
18:00	10	6	15	22	22	19	12	5	2	2	1	1	0	0	0	117
19:00	6	5	12	16	4	5	3	1	1	0	1	0	0	0	0	54
20:00	6	6	7	8	10	6	2	1	0	0	0	0	0	0	0	46
21:00	4	5	6	6	9	8	3	1	0	0	0	0	0	0	0	42
22:00	2	0	0	2	2	2	0	0	1	1	0	0	0	0	0	10
23:00	3	1	0	1	1	0	1	0	0	0	0	0	0	0	0	7

----- MIDNIGHT TOTALS -----

127		115		162		59		9		3		2		3		1020
	97		214		167		47		14		1		0			

13:27

HDM FRAME STUDY --- HDM Version 6.02

10/16/97

```

=====
HISTAR ID: 7523          Begin: 10/14/97 13:00    End: 10/16/97 13:00
Route: EB HICKORY       Lane: 0          Hours: 48.0
Loc/Sta: GARFIELD TERR. Oper: EP         Period: 60 min
City: LOMBARD          Posted: 30 MPH   Raw Count: 2040
County: DUPAGE         AADT Factor: 1.00 AADT Count: 1020
=====

```

---- TIME/SPEED Report ----

Time	20	23	25	28	30	33	35	38	40	43	45	48	50	53	55	Total
0:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
1:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2:00	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2
3:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
4:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5:00	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	4
6:00	1	1	2	3	2	4	2	0	0	0	0	0	0	0	0	15
7:00	3	3	5	12	4	7	3	2	0	2	1	0	0	0	0	42
8:00	7	8	5	10	8	9	0	3	0	1	0	0	0	0	0	51
9:00	3	3	3	9	10	5	2	1	1	0	0	0	0	0	0	37
10:00	6	3	7	9	7	8	6	1	0	1	1	0	0	2	0	51
11:00	7	9	3	14	2	10	2	1	0	0	0	0	0	0	0	48
12:00	5	3	4	9	10	13	3	2	3	0	0	0	0	0	1	53

----- GRAND TOTALS -----

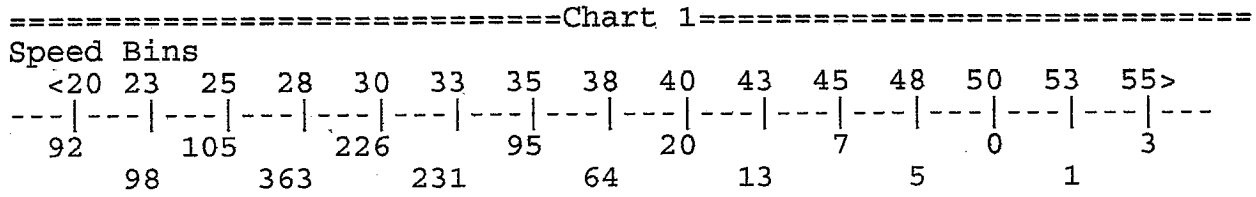
235		217		325		117		21		6		2		2		4		2035
	201		430		343		105		25		2		2		2			

NU-METRICS Traffic Analyzer Study
 Computer Generated Summary Report
 Route: WB HICKORY
 Location: GARFIELD TERR.

A survey of vehicle traffic was conducted with HISTAR unit number 432. The survey was done in the 0 lane on WB HICKORY in LOMBARD, IL, in DUPAGE county. The survey lasted for 48.0 hours and began on Tuesday, October 14, 1997 at 1:00pm and ended on Thursday, October 16, 1997 at 1:00pm. Data were recorded in 60 minute time periods. The total recorded volume of traffic showed 1335 vehicles passed through the location with a peak volume of 75 on Tuesday, October 14, 1997 at 5:00pm and a minimum volume of 0 on Wednesday, October 15, 1997 at 4:00am.

SPEED

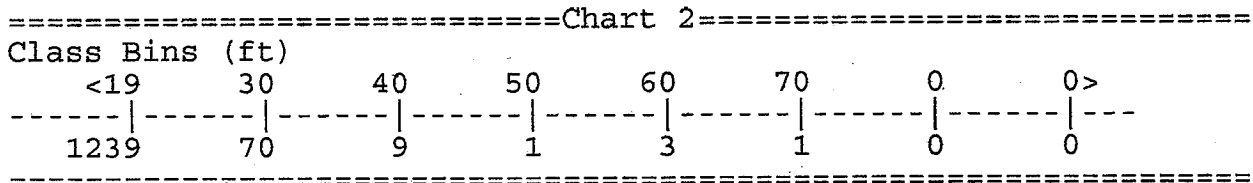
Chart 1 lists the values of the speed bins and the total volume for each bin.



Half of the vehicles were traveling at 30 Mph or lower speed. The average speed for all classified vehicles was 29.6 Mph with 33.2 percent exceeding the posted speed of 30 Mph. The HI-STAR found 0.0 percent of the vehicles were traveling in excess of 55 Mph. The mode speed for this traffic study was 28.5 Mph and the 85th percentile was 33.7 Mph.

CLASS

Chart 2 lists the values of the 8 class bins and the total volume for each bin.



Most of the vehicles were passenger cars with a total count of 1239. This represents 93.65 percent of the classified vehicles. The truck percentage is 6.35 percent of the classified vehicles.

HEADWAY

During the peak time period, on Tuesday, October 14, 1997 at 5:00pm the average headway between the vehicles was 48.00 seconds. The slow period occurred on Wednesday, October 15, 1997 at 4:00am and the headway between the vehicles averaged 0.00 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 41 degrees Fahrenheit and 72 degrees Fahrenheit. The HI-STAR analyzer determined that the roadway surface was DRY 100 percent of the time.

13:50

HDM FRAME STUDY --- HDM Version 6.02

10/16/97

```

=====
HISTAR ID: 432          Begin: 10/14/97 13:00      End: 10/16/97 13:00
Route: WB HICKORY      Lane: 0          Hours: 48.0
Loc/Sta: GARFIELD TERR. Oper: EP          Period: 60 min
City: LOMBARD          Posted: 30 MPH   Raw Count: 1335
County: DUPAGE         AADT Factor: 1.00 AADT Count: 667
=====

```

```

=====
-- DATE/TIME/VOLUME/AVG SPEED/TEMP Report --
=====

```

DATE	TIME	VOLUME	AVG SPEED	TEMP	Wx
10/14/97	13:00	36	29	64 F	Dry
10/14/97	14:00	37	32	68 F	Dry
10/14/97	15:00	68	30	68 F	Dry
10/14/97	16:00	71	31	63 F	Dry
10/14/97	17:00	75	32	59 F	Dry
10/14/97	18:00	49	30	57 F	Dry
10/14/97	19:00	34	29	53 F	Dry
10/14/97	20:00	17	29	53 F	Dry
10/14/97	21:00	14	26	49 F	Dry
10/14/97	22:00	9	29	49 F	Dry
10/14/97	23:00	2	25	49 F	Dry
10/15/97	0:00	1	20	47 F	Dry
10/15/97	1:00	1	20	47 F	Dry
10/15/97	2:00	1	23	45 F	Dry
10/15/97	3:00	1	30	45 F	Dry
10/15/97	4:00	0	0	45 F	Dry
10/15/97	5:00	9	26	43 F	Dry
10/15/97	6:00	28	29	41 F	Dry
10/15/97	7:00	58	29	43 F	Dry
10/15/97	8:00	49	29	51 F	Dry
10/15/97	9:00	24	29	53 F	Dry
10/15/97	10:00	32	29	53 F	Dry
10/15/97	11:00	27	28	68 F	Dry
10/15/97	12:00	41	28	72 F	Dry
10/15/97	13:00	26	30	66 F	Dry
10/15/97	14:00	28	28	68 F	Dry
10/15/97	15:00	56	28	66 F	Dry
10/15/97	16:00	58	30	63 F	Dry
10/15/97	17:00	58	32	59 F	Dry
10/15/97	18:00	60	29	57 F	Dry
10/15/97	19:00	35	30	55 F	Dry
10/15/97	20:00	27	26	55 F	Dry
10/15/97	21:00	22	28	53 F	Dry
10/15/97	22:00	6	30	53 F	Dry
10/15/97	23:00	9	32	51 F	Dry
10/16/97	0:00	0	0	51 F	Dry
10/16/97	1:00	1	30	51 F	Dry
10/16/97	2:00	2	32	49 F	Dry
10/16/97	3:00	0	0	49 F	Dry

13:50

HDM FRAME STUDY --- HDM Version 6.02

10/16/97

```
=====
HISTAR ID: 432          Begin: 10/14/97 13:00      End: 10/16/97 13:00
Route: WB HICKORY      Lane: 0          Hours: 48.0
Loc/Sta: GARFIELD TERR. Oper: EP          Period: 60 min
City: LOMBARD          Posted: 30 MPH   Raw Count: 1335
County: DUPAGE         AADT Factor: 1.00 AADT Count: 667
=====
```

-- DATE/TIME/VOLUME/AVG SPEED/TEMP Report --

```
=====
DATE          TIME          VOLUME    AVG SPEED    TEMP        Wx
=====
10/16/97      4:00           1          23           49 F        Dry
10/16/97      5:00           9          28           49 F        Dry
10/16/97      6:00          27          32           49 F        Dry
10/16/97      7:00          56          30           47 F        Dry
10/16/97      8:00          56          29           51 F        Dry
10/16/97      9:00          28          30           55 F        Dry
10/16/97     10:00          33          28           59 F        Dry
10/16/97     11:00          30          29           61 F        Dry
10/16/97     12:00          23          30           63 F        Dry
=====
```

13:51

HDM FRAME STUDY --- HDM Version 6.02

10/16/97

```

=====
HISTAR ID: 432          Begin: 10/14/97 13:00      End: 10/16/97 13:00
Route: WB HICKORY      Lane: 0          Hours: 48.0
Loc/Sta: GARFIELD TERR. Oper: EP        Period: 60 min
City: LOMBARD         Posted: 30 MPH    Raw Count: 1335
County: DUPAGE        AADT Factor: 1.00 AADT Count: 667
=====

```

---- TIME/SPEED Report ----

Time	20	23	25	28	30	33	35	38	40	43	45	48	50	53	55	Total
13:00	4	3	1	6	9	6	5	2	0	0	0	0	0	0	0	36
14:00	1	2	0	9	4	8	6	3	1	1	0	1	0	0	0	36
15:00	6	5	5	14	12	9	10	3	2	1	0	0	0	0	0	67
16:00	3	1	3	14	16	21	2	7	2	1	1	0	0	0	0	71
17:00	1	3	3	10	14	21	10	9	2	1	1	0	0	0	0	75
18:00	2	3	3	15	12	9	1	1	1	0	1	0	0	0	0	48
19:00	3	7	2	6	6	5	1	1	1	0	2	0	0	0	0	34
20:00	1	0	2	8	2	2	1	1	0	0	0	0	0	0	0	17
21:00	3	2	5	1	1	1	1	0	0	0	0	0	0	0	0	14
22:00	1	1	0	2	2	2	0	1	0	0	0	0	0	0	0	9
23:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2

----- MIDNIGHT TOTALS -----

26	27	24	85	79	84	37	28	9	4	5	1	0	0	0	409
----	----	----	----	----	----	----	----	---	---	---	---	---	---	---	-----

0:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
1:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
3:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00	1	1	3	4	0	0	0	0	0	0	0	0	0	0	0	9
6:00	2	0	6	7	6	4	2	0	0	0	1	0	0	0	0	28
7:00	6	3	11	8	9	11	3	4	1	1	0	0	0	0	0	57
8:00	4	5	7	17	5	4	4	2	0	0	0	0	0	1	0	49
9:00	3	1	3	7	4	2	0	2	0	0	0	0	0	0	1	23
10:00	0	1	5	10	11	3	0	0	2	0	0	0	0	0	0	32
11:00	4	1	1	10	6	4	0	1	0	0	0	0	0	0	0	27
12:00	4	4	2	14	8	8	1	0	0	0	0	0	0	0	0	41
13:00	0	1	3	12	3	3	3	0	0	1	0	0	0	0	0	26
14:00	2	7	3	5	4	3	1	2	0	1	0	0	0	0	0	28
15:00	4	6	3	19	6	8	4	1	0	0	0	0	0	0	0	51
16:00	3	3	4	9	13	17	5	3	1	0	0	0	0	0	0	58
17:00	3	2	0	14	10	14	7	3	3	1	0	0	0	0	1	58
18:00	5	5	6	21	3	9	7	0	1	2	0	0	0	0	1	60
19:00	2	4	1	15	4	3	0	3	0	1	0	2	0	0	0	35
20:00	5	6	3	5	5	2	1	0	0	0	0	0	0	0	0	27
21:00	2	3	2	5	5	5	0	0	0	0	0	0	0	0	0	22
22:00	0	0	1	2	1	1	1	0	0	0	0	0	0	0	0	6
23:00	0	1	0	4	0	1	0	1	1	1	0	0	0	0	0	9

----- MIDNIGHT TOTALS -----

52	55	64	188	104	102	39	22	9	8	1	2	0	1	3	650
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13:51

HDM FRAME STUDY --- HDM Version 6.02

10/16/97

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HISTAR ID: 432          Begin: 10/14/97 13:00   End: 10/16/97 13:00
Route: WB HICKORY      Lane: 0           Hours: 48.0
Loc/Sta: GARFIELD TERR. Oper: EP        Period: 60 min
City: LOMBARD         Posted: 30 MPH    Raw Count: 1335
County: DUPAGE        AADT Factor: 1.00 AADT Count: 667
=====

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---- TIME/SPEED Report ----

Time	20	23	25	28	30	33	35	38	40	43	45	48	50	53	55	Total
0:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
2:00	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5:00	0	2	1	1	3	2	0	0	0	0	0	0	0	0	0	9
6:00	1	1	1	7	2	5	5	4	0	0	0	1	0	0	0	27
7:00	3	0	4	17	14	8	2	4	1	0	0	1	0	0	0	54
8:00	3	5	2	25	5	8	4	3	0	0	1	0	0	0	0	56
9:00	0	2	5	9	2	6	2	1	1	0	0	0	0	0	0	28
10:00	3	3	3	11	6	4	2	0	0	1	0	0	0	0	0	33
11:00	3	2	1	10	7	5	1	1	0	0	0	0	0	0	0	30
12:00	1	0	0	10	2	6	3	1	0	0	0	0	0	0	0	23

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----- GRAND TOTALS -----
92          105          226          95          20          7          0          3
98          363          231          64          13          5          1          1323

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LARS-CD

ILL. DEPT. OF TRANSPORTATION --- DIV OF TRAFFIC SAFETY

970127

COLLISION DIAGRAM INFORMATION

>>>> HICK/MA/GR

<<<<

1995 JAN-DEC

90050 HIK FROM 60000 TO 60400

CITY COUNTY 022 TWP.

ACCIDT	WEATHER	RD-SURFACE	NO.	NO.	COLLISION	FIELD	FIELD	BADGE	VEH	MANV	VIOLATION	DRIVER			
DATE	HOUR	COND	COND	INJ	KILL	TYPE	REF # 1	REF # 2	NO.	TYPE	DIR	RES.	COND		
8/16/95	09	CLEAR	DRY	00	00	ANGLE	60000 MAI	90050 HI	006	LC	S	01	STATE RES	8	
										LC	E	01	COUNTY RES	8	
2/24/95	12	CLEAR	DRY	00	00	ANGLE	60250 CRG	90050 HI	032	LC	S	01	CITY RES	5	
										LC	E	01	COUNTY RES	5	
7/17/95	19	CLEAR	DRY	02	00	HEAD ON	60350 LOM	90050 HI	016	LC	S	15	011601A	CITY RES	5
										LC	W	01	CITY RES	5	
										LC	S	02	011601A	CITY RES	5

NUM	LENGTH	A.D.T.	ACC-RATE	COLOR	TOTAL	F.A.	P.I.	P.D.	TOT-KILLED	TOT-INJ	ACC-A	ACC-B	ACC-C
				LEN	3		1	2		2		1	

LARS-CD

ILL. DEPT. OF TRANSPORTATION --- DIV OF TRAFFIC SAFETY

970127

COLLISION DIAGRAM SUMMARY

>>> HICK/MA/GR

<<<<

1995 JAN-DEC

90050 HIK FROM 60000 TO 60400

CITY COUNTY 022 TWP.

TYPE OF COLLISION	ON ROAD		OFF ROAD		ON/OFF ROAD		VEH DIR	TOTAL	%	HOUR	TOTAL	%
	TOTAL	%	TOTAL	%	TOTAL	%						
OVERTURNED	0	.00	0	.00	0	.00	NOT ST	0	.00	MID	0	.00
PEDESTRIAN	0	.00	0	.00	0	.00	NORTH	0	.00	01	0	.00
TRAIN	0	.00	0	.00	0	.00	NE	0	.00	02	0	.00
PEDALCYCLIST	0	.00	0	.00	0	.00	EAST	2	28.57	03	0	.00
ANIMAL	0	.00	0	.00	0	.00	SE	0	.00	04	0	.00
FIXED OBJECT	0	.00	0	.00	0	.00	SOUTH	4	57.14	05	0	.00
OTHER OBJECT	0	.00	0	.00	0	.00	SW	0	.00	06	0	.00
OTHER NON-COLLISION	0	.00	0	.00	0	.00	WEST	1	14.28	07	0	.00
PARKED VEHICLE	0	.00	0	.00	0	.00	NW	0	.00	08	0	.00
REAR END	0	.00	0	.00	0	.00			09	1	33.33	
HEAD ON	1	33.33	0	.00	1	33.33			10	0	.00	
SIDESWIPE SAME DIR	0	.00	0	.00	0	.00			11	0	.00	
SIDESWIPE OPP DIR	0	.00	0	.00	0	.00			NOON	1	33.33	
ANGLE	2	66.66	0	.00	2	66.66			13	0	.00	
TURNING	0	.00	0	.00	0	.00			14	0	.00	
OTHER	0	.00	0	.00	0	.00			15	0	.00	
									16	0	.00	
TOTAL	3	100.00	0	.00	3	100.00	TOTAL	7	100.00	17	0	.00
									18	0	.00	
WEATHER	TOTAL	%	ROAD SURFACE	TOTAL	%	DR. RES	TOTAL	%	19	1	33.33	
NOT STATED	0	.00	NOT STATED	0	.00	NOT STATED	0	.00	20	0	.00	
CLEAR	3	100.00	DRY	3	100.00	CITY	4	57.14	21	0	.00	
RAIN	0	.00	WET	0	.00	COUNTY	2	28.57	22	0	.00	
SNOW	0	.00	ICE/SNOW	0	.00	STATE	1	14.28	23	0	.00	
OTHER	0	.00	OTHER	0	.00	OUT ST	0	.00	NOT-ST	0	.00	
TOTAL	3	100.00	TOTAL	3	100.00	TOTAL	7	100.00	TOTAL	3	100.00	
ENFORCEMENT	TOTAL	%	VEHICLE TYPE	TOTAL	%	LIGHT COND	TOTAL	%	DAY	TOTAL	%	
NONE	0	.00	NOT STATED	0	.00	NOT STATED	0	.00	MON	1	33.33	
CITY POLICE	3	100.00	PASS CAR/LARGE	7	100.00	DAYLIGHT	3	100.00	TUE	0	.00	
COUNTY POLICE	0	.00	PASS CAR/SMALL	0	.00	DAWN	0	.00	WED	1	33.33	

STATE POLICE	0	.00	TRUCK/TRACTOR	0	.00	DUSK	0	.00	THU	0	.00
CITY POLICE OTHER	0	.00	SEMI TRUCK	0	.00	DARK	0	.00	FRI	1	33.33
CITY DESK	0	.00	VAN	0	.00	DARK-RD LITD	0	.00	SAT	0	.00
COUNTY DESK	0	.00	PICKUP	0	.00				SUN	0	.00
STATE DESK	0	.00	FARM EQUIPMENT	0	.00						
OTHER DESK	0	.00	BUS	0	.00						
			MOTORCYCLE	0	.00						
			OTHER	0	.00						
TOTAL	3	100.00	TOTAL	7	100.00	TOTAL	3	100.00	TOTAL	3	100.00

NUM	LENGTH	A.D.T.	ACC-RATE	COLOR	TOTAL	F.A.	P.I.	P.D.	TOT-KILLED	TOT-INJ	ACC-A	ACC-B	ACC-C
				LEN	3		1	2		2		1	

NUM	LENGTH	A.D.T.	ACC-RATE	COLOR	TOTAL	F.A.	P.I.	P.D.	TOT-KILLED	TOT-INJ	ACC-A	ACC-B	ACC-C
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LARS-CD ILL. DEPT. OF TRANSPORTATION --- DIV OF TRAFFIC SAFETY 970127
COLLISION DIAGRAM SUMMARY >>>> <<<<
1995 JAN-DEC
90050 HIK FROM 60000 TO 60400
CITY COUNTY 022 TWP.

NUM	LENGTH	A.D.T.	ACC-RATE	COLOR	TOTAL	F.A.	P.I.	P.D.	TOT-KILLED	TOT-INJ	ACC-A	ACC-B	ACC-C
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NUM	LENGTH	A.D.T.	ACC-RATE	COLOR	TOTAL	F.A.	P.I.	P.D.	TOT-KILLED	TOT-INJ	ACC-A	ACC-B	ACC-C
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LARS-CD

ILL. DEPT. OF TRANSPORTATION --- DIV OF TRAFFIC SAFETY

970127

COLLISION DIAGRAM INFORMATION

>>>> HICK/MA/GR <<<<

1994 JAN-DEC

90050 HIK FROM 60000 TO 60400

CITY COUNTY 022 TWP.

ACCDT	WEATHER	RD-SURFACE	NO.	NO.	COLLISION	FIELD	FIELD	BADGE	VEH	MANV	VIOLATION	DRIVER	
DATE	HOUR	COND	COND	INJ	KILL	TYPE	REF # 1	REF # 2	NO.	TYPE	DIR	RES.	COND
1/22/94	15	CLEAR	DRY	01	00	TURNING - <i>Right</i>	60000 MAI	90050 HI	009	LC	W	04	0111002 CITY RES 5
8/03/94	19	CLEAR	WET	01	00	TURNING <i>Right</i>	60000 MAI	90050 HI	033	LC	W	04	CITY RES 8
										LC	N	01	CITY RES 5
8/16/94	21	CLEAR	DRY	00	00	FIXED OBJECT	60000 MAI	90050 HI	061	ST	NW	99	STATE RES 5
9/18/94	12	CLEAR	DRY	01	00	PEDESTRIAN	60000 MAI	90050 HI	015	LC	NW	11	0111002 CITY RES 5
6/23/94	08	RAIN	WET	01	00	ANGLE	60250 CRG	90050 HI	032	LC	N	01	0011904 OUT STATE 5
										LC	W	01	0003707 CITY RES 5
6/24/94	24	CLEAR	DRY	02	00	ANGLE	60300 STE	90050 HI	005	VN	S	01	0011901 CITY RES 5
										PU	W	01	CITY RES 5
3/02/94	07	NOT STAT	NOT STAT	00	00	OTHER NON-COLL	90050 HIK	60051	010	NS	NOT ST	99	NOT STATED 0
										NS	NOT ST	99	CITY RES 0

NUM	LENGTH	A.D.T.	ACC-RATE	COLOR	TOTAL	F.A.	P.I.	P.D.	TOT-KILLED	TOT-INJ	ACC-A	ACC-B	ACC-C
				LEN	7		5	2		6		2	3

LARS-CD

ILL. DEPT. OF TRANSPORTATION --- DIV OF TRAFFIC SAFETY

970127

COLLISION DIAGRAM SUMMARY

>>>> HICK/MA/GR

<<<<

1994 JAN-DEC

90050 HIK FROM 60000 TO 60400

CITY COUNTY 022 TWP.

TYPE OF COLLISION	ON ROAD		OFF ROAD		ON/OFF ROAD		VEH DIR	TOTAL	%	HOUR	TOTAL	%
	TOTAL	%	TOTAL	%	TOTAL	%						
OVERTURNED	0	.00	0	.00	0	.00	NOT ST	2	18.18	MID	0	.00
PEDESTRIAN	1	14.28	0	.00	1	14.28	NORTH	2	18.18	01	0	.00
TRAIN	0	.00	0	.00	0	.00	NE	0	.00	02	0	.00
PEDALCYCLIST	0	.00	0	.00	0	.00	EAST	0	.00	03	0	.00
ANIMAL	0	.00	0	.00	0	.00	SE	0	.00	04	0	.00
FIXED OBJECT	1	14.28	0	.00	1	14.28	SOUTH	1	9.09	05	0	.00
OTHER OBJECT	0	.00	0	.00	0	.00	SW	0	.00	06	0	.00
OTHER NON-COLLISION	1	14.28	0	.00	1	14.28	WEST	4	36.36	07	1	14.28
PARKED VEHICLE	0	.00	0	.00	0	.00	NW	2	18.18	08	1	14.28
REAR END	0	.00	0	.00	0	.00				09	0	.00
HEAD ON	0	.00	0	.00	0	.00				10	0	.00
SIDESWIPE SAME DIR	0	.00	0	.00	0	.00				11	0	.00
SIDESWIPE OPP DIR	0	.00	0	.00	0	.00				NOON	1	14.28
ANGLE	2	28.57	0	.00	2	28.57				13	0	.00
TURNING	2	28.57	0	.00	2	28.57				14	0	.00
OTHER	0	.00	0	.00	0	.00				15	1	14.28
TOTAL	7	100.00	0	.00	7	100.00	TOTAL	11	100.00	16	0	.00
										17	0	.00
										18	0	.00
WEATHER	TOTAL	%	ROAD SURFACE	TOTAL	%	DR. RES	TOTAL	%		19	1	14.28
NOT STATED	1	14.28	NOT STATED	1	14.28	NOT STATED	1	9.09		20	0	.00
CLEAR	5	71.42	DRY	4	57.14	CITY	8	72.72		21	1	14.28
RAIN	1	14.28	WET	2	28.57	COUNTY	0	.00		22	0	.00
SNOW	0	.00	ICE/SNOW	0	.00	STATE	1	9.09		23	0	.00
OTHER	0	.00	OTHER	0	.00	OUT ST	1	9.09		NOT-ST	1	14.28
TOTAL	7	100.00	TOTAL	7	100.00	TOTAL	11	100.00		TOTAL	7	100.00
ENFORCEMENT	TOTAL	%	VEHICLE TYPE	TOTAL	%	LIGHT COND	TOTAL	%		DAY	TOTAL	%
NONE	0	.00	NOT STATED	2	18.18	NOT STATED	0	.00		MON	0	.00
CITY POLICE	7	100.00	PASS CAR/LARGE	6	54.54	DAYLIGHT	6	85.71		TUE	1	14.28
COUNTY POLICE	0	.00	PASS CAR/SMALL	0	.00	DAWN	0	.00		WED	2	28.57

STATE POLICE	0	.00	TRUCK/TRACTOR	0	.00	DUSK	0	.00	THU	1	14.28
CITY POLICE OTHER	0	.00	SEMI TRUCK	1	9.09	DARK	1	14.28	FRI	1	14.28
CITY DESK	0	.00	VAN	1	9.09	DARK-RD LITD	0	.00	SAT	1	14.28
COUNTY DESK	0	.00	PICKUP	1	9.09				SUN	1	14.28
STATE DESK	0	.00	FARM EQUIPMENT	0	.00						
OTHER DESK	0	.00	BUS	0	.00						
			MOTORCYCLE	0	.00						
			OTHER	0	.00						

TOTAL	7	100.00	TOTAL	11	100.00	TOTAL	7	100.00	TOTAL	7	100.00
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NUM	LENGTH	A.D.T.	ACC-RATE	COLOR	TOTAL	F.A.	P.I.	P.D.	TOT-KILLED	TOT-INJ	ACC-A	ACC-B	ACC-C
				LEN	7		5	2		6		2	3

NUM	LENGTH	A.D.T.	ACC-RATE	COLOR	TOTAL	F.A.	P.I.	P.D.	TOT-KILLED	TOT-INJ	ACC-A	ACC-B	ACC-C
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LARS-CD ILL. DEPT. OF TRANSPORTATION --- DIV OF TRAFFIC SAFETY 970127

COLLISION DIAGRAM SUMMARY >>>> <<<<

1994 JAN-DEC

90050 HIK FROM 60000 TO 60400

CITY COUNTY 022 TWP.

NUM	LENGTH	A.D.T.	ACC-RATE	COLOR	TOTAL	F.A.	P.I.	P.D.	TOT-KILLED	TOT-INJ	ACC-A	ACC-B	ACC-C
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NUM	LENGTH	A.D.T.	ACC-RATE	COLOR	TOTAL	F.A.	P.I.	P.D.	TOT-KILLED	TOT-INJ	ACC-A	ACC-B	ACC-C
-----	--------	--------	----------	-------	-------	------	------	------	------------	---------	-------	-------	-------