

970215

To: Stan Rickard, Public Works Director
From: John Johnson, Technical Services Supervisor *JJ*
Date: November 13, 1997
Subject: Request for stop signs at Edgewood and Berkshire

Ms. Lenore Gutierrez, 515 N. Edgewood, requested stop signs at the intersection of Edgewood and Berkshire. The intersection is currently controlled by yield signs. Attached for your review are the accident reports, traffic analyzer reports and a diagram of the intersection.

Accident reports were run from January 1993 through December 1995. Additional accident reports were hand pulled from the Police Department files from January 1996 through July 1997. There were 5 reported accidents during this period. All the accidents were angle type accidents.

The traffic analyzers showed traffic patterns change at different times of the year. This due to the close proximity of Schafer School. Berkshire is one-way eastbound during the school year. Westbound traffic volumes dropped to 127 vehicles on Berkshire during this time compared to 258 vehicles during the summer. During the school year traffic volumes increase slightly on southbound Edgewood and eastbound Berkshire. This can be directly connected to Schafer School's traffic pattern.

The intersection diagram shows no contributing sight restriction to the right angle collisions that have occurred at this intersection. This is a case where you have an intersection with no obstructions, controlled by yield signs, and accidents still happen. This could be contributed to the changing traffic patterns during the year. In cases were a sign does not perform adequately, a more positive restriction must be used.

On the basis of the above information, I would recommend converting the yield signs to stop signs at Edgewood and Berkshire.

JJ

cc: John Jaugilas, Trustee - District 4
Paul Kufirin, Trustee - District 6
Ms. Lenore Gutierrez, 515 N. Edgewood
Transportation and Safety Committee

LARS-CD

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

970813

COLLISION DIAGRAM INFORMATION

>>>> BERK/EDGE

<<<<

1994 JAN-DEC

60600 EDG AT 80500 BRK

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	
1/01/94	11	CLEAR	DRY	02	00	ANGLE	60600 EDG	80500 BR	004	LC	W	01	STATE RES	5
										LC	S	01	0011904 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
				ADT	1		1			2			1

LARS-CD

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

970813

COLLISION DIAGRAM SUMMARY

>>>> BERK/EDGE

<<<<

1994 JAN-DEC

60600 EDG AT 80500 BRK

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	0	.00	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	1	50.00	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	50.00	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	0	.00
HEAD ON	0	.00	0	.00	0	.00				10	0	.00

SIDESWIPE SAME DIR	0	.00	0	.00	0	.00	11	1	100.00
SIDESWIPE OPP DIR	0	.00	0	.00	0	.00	NOON	0	.00
ANGLE	1	100.00	0	.00	1	100.00	13	0	.00
TURNING	0	.00	0	.00	0	.00	14	0	.00
OTHER	0	.00	0	.00	0	.00	15	0	.00
TOTAL	1	100.00	0	.00	1	100.00	16	0	.00
TOTAL	2	100.00					17	0	.00

WEATHER	TOTAL	%	ROAD SURFACE	TOTAL	%	DR. RES	TOTAL	%	
NOT STATED	0	.00	NOT STATED	0	.00	NOT STATED	0	.00	21
CLEAR	1	100.00	DRY	1	100.00	CITY	1	50.00	22
RAIN	0	.00	WET	0	.00	COUNTY	0	.00	23
SNOW	0	.00	ICE/SNOW	0	.00	STATE	1	50.00	NOT-ST
OTHER	0	.00	OTHER	0	.00	OUT ST	0	.00	
TOTAL	1	100.00	TOTAL	1	100.00	TOTAL	2	100.00	TOTAL
									1

ENFORCEMENT	TOTAL	%	VEHICLE TYPE	TOTAL	%	LIGHT COND	TOTAL	%	DAY	TOTAL	%
NONE	0	.00	NOT STATED	0	.00	NOT STATED	0	.00	MON	0	.00
CITY POLICE	1	100.00	PASS CAR/LARGE	2	100.00	DAYLIGHT	1	100.00	TUE	0	.00
COUNTY POLICE	0	.00	PASS CAR/SMALL	0	.00	DAWN	0	.00	WED	0	.00
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	0	.00
CITY DESK	0	.00	VAN	0	.00	DARK-RD LITD	0	.00	SAT	1	100.00
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	1	100.00	TOTAL	2	100.00	TOTAL	1	100.00	TOTAL	1	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
				ADT	1		1			2			1

LARS-CD ILL. DEPT. OF TRANSPORTATION --- DIV OF TRAFFIC SAFETY 970813
 COLLISION DIAGRAM INFORMATION >>>> ADAM/LIBE <<<<
 1994 JAN-DEC
 90740 ADA AT 61100 LBV
 CITY COUNTY 022 TWP.

ACCIDT	WEATHER	RD-SURFACE	NO.	NO.	COLLISION	FIELD	FIELD	BADGE	VEH	MANV	VIOLATION	DRIVER	
DATE	HR	COND	INJ	KILL	TYPE	REF # 1	REF # 2	NO.	TYPE	DIR		RES.	COND

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

970813

COLLISION DIAGRAM INFORMATION

>>>> BERK/EDGE

<<<<

1993 JAN-DEC

60600 EDG AT 80500 BRK

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	
6/08/93	19	RAIN	WET	00	00	ANGLE	60600 EDG	80500 BR	002	LC	S	01	NOT STATED	8
										LC	E	01	NOT STATED	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
				ADT	1				1				

LARS-CD

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

970813

COLLISION DIAGRAM SUMMARY

>>>> BERK/EDGE

<<<<

1993 JAN-DEC

60600 EDG AT 80500 BRK

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	1	50.00	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	1	50.00	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	0	.00	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	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	0	.00
ANGLE	1	100.00	0	.00	1	100.00	13	0	.00
TURNING	0	.00	0	.00	0	.00	14	0	.00
OTHER	0	.00	0	.00	0	.00	15	0	.00
TOTAL	1	100.00	0	.00	1	100.00	16	0	.00
TOTAL	1	100.00	0	.00	1	100.00	17	0	.00
TOTAL	1	100.00	0	.00	1	100.00	18	0	.00

WEATHER	TOTAL	%	ROAD SURFACE	TOTAL	%	DR. RES	TOTAL	%	19	1	100.00
NOT STATED	0	.00	NOT STATED	0	.00	NOT STATED	2	100.00	20	0	.00
CLEAR	0	.00	DRY	0	.00	CITY	0	.00	21	0	.00
RAIN	1	100.00	WET	1	100.00	COUNTY	0	.00	22	0	.00
SNOW	0	.00	ICE/SNOW	0	.00	STATE	0	.00	23	0	.00
OTHER	0	.00	OTHER	0	.00	OUT ST	0	.00	NOT-ST	0	.00
TOTAL	1	100.00	TOTAL	1	100.00	TOTAL	2	100.00	TOTAL	1	100.00

ENFORCEMENT	TOTAL	%	VEHICLE TYPE	TOTAL	%	LIGHT COND	TOTAL	%	DAY	TOTAL	%
NONE	0	.00	NOT STATED	0	.00	NOT STATED	0	.00	MON	0	.00
CITY POLICE	1	100.00	PASS CAR/LARGE	2	100.00	DAYLIGHT	1	100.00	TUE	1	100.00
COUNTY POLICE	0	.00	PASS CAR/SMALL	0	.00	DAWN	0	.00	WED	0	.00
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	0	.00
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	1	100.00	TOTAL	2	100.00	TOTAL	1	100.00	TOTAL	1	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
				ADT	1			1					

LARS-CD ILL. DEPT. OF TRANSPORTATION --- DIV OF TRAFFIC SAFETY 970813
COLLISION DIAGRAM INFORMATION >>>> ADAM/LIBE <<<<
1993 JAN-DEC
90740 ADA AT 61100 LBY
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

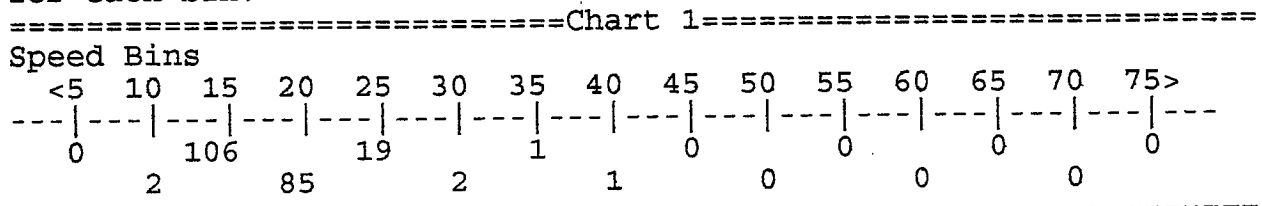
NUM	LENGTH	A.D.T.	ACC-RATE	COLOR	TOTAL	F.A.	P.I.	P.D.	TOT-KILLED	TOT-INJ	ACC-A	ACC-B	ACC-C
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NU-METRICS Traffic Analyzer Study
 Computer Generated Summary Report
 Route: NB EDGEWOOD
 Location: BERKSHIRE

A survey of vehicle traffic was conducted with HISTAR unit number 429. The survey was done in the 0 lane on NB EDGEWOOD in LOMBARD, IL, in DUPAGE county. The survey lasted for 24.0 hours and began on Tuesday, August 19, 1997 at 9:00am and ended on Wednesday, August 20, 1997 at 9:00am. Data were recorded in 60 minute time periods. The total recorded volume of traffic showed 237 vehicles passed through the location with a peak volume of 20 on Wednesday, August 20, 1997 at 7:00am and a minimum volume of 1 on Wednesday, August 20, 1997 at 1:00am.

SPEED

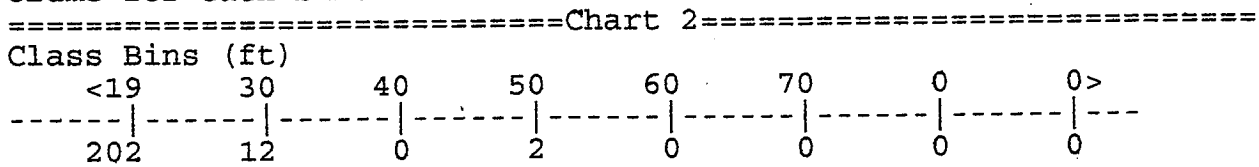
Chart 1 lists the values of the speed bins and the total volume for each bin.



Half of the vehicles were traveling at 15 Mph or lower speed. The average speed for all classified vehicles was 18.1 Mph with 0.9 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 15.5 Mph and the 85th percentile was 19.9 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 202. This represents 93.52 percent of the classified vehicles. The truck percentage is 6.48 percent of the classified vehicles.

HEADWAY

During the peak time period, on Wednesday, August 20, 1997 at 7:00am the average headway between the vehicles was 180.00 seconds. The slow period occurred on Wednesday, August 20, 1997 at 1:00am and the headway between the vehicles averaged 3600.00 seconds.

WEATHER

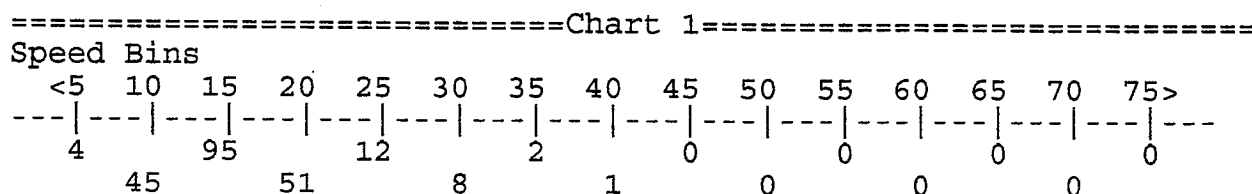
The roadway surface temperature over the period of the study varied between 64 degrees Fahrenheit and 82 degrees Fahrenheit. The HI-STAR analyzer determined that the roadway surface was DRY 100 percent of the time.

NU-METRICS Traffic Analyzer Study
 Computer Generated Summary Report
 Route: SB EDGEWOOD
 Location: BERKSHIRE

A survey of vehicle traffic was conducted with HISTAR unit number 432. The survey was done in the 0 lane on SB EDGEWOOD in LOMBARD, IL, in DUPAGE county. The survey lasted for 24.0 hours and began on Tuesday, August 19, 1997 at 9:00am and ended on Wednesday, August 20, 1997 at 9:00am. Data were recorded in 60 minute time periods. The total recorded volume of traffic showed 264 vehicles passed through the location with a peak volume of 27 on Tuesday, August 19, 1997 at 5:00pm and a minimum volume of 0 on Wednesday, August 20, 1997 at 2:00am.

SPEED

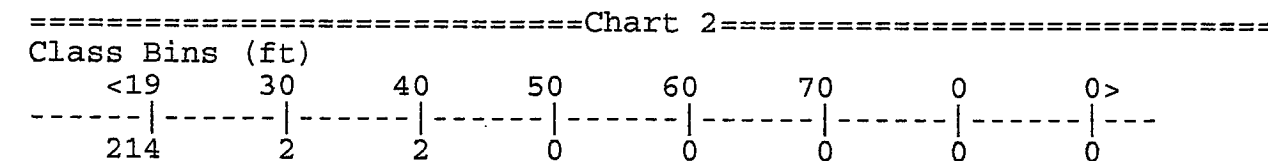
Chart 1 lists the values of the speed bins and the total volume for each bin.



Half of the vehicles were traveling at 15 Mph or lower speed. The average speed for all classified vehicles was 16.4 Mph with 1.4 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 13.7 Mph and the 85th percentile was 19.5 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 214. This represents 98.17 percent of the classified vehicles. The truck percentage is 1.83 percent of the classified vehicles.

HEADWAY

During the peak time period, on Tuesday, August 19, 1997 at 5:00pm the average headway between the vehicles was 133.33 seconds. The slow period occurred on Wednesday, August 20, 1997 at 2:00am and the headway between the vehicles averaged 0.00 seconds.

WEATHER

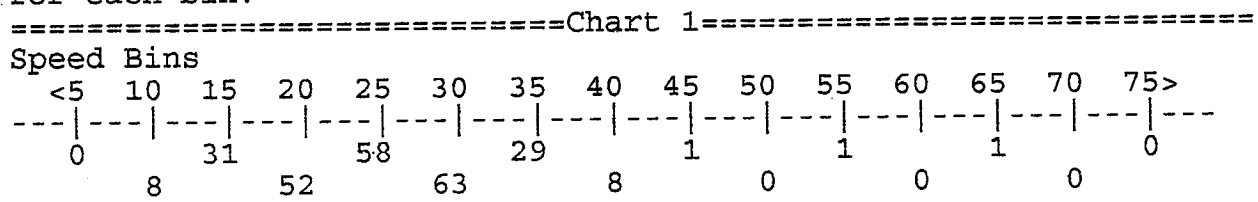
The roadway surface temperature over the period of the study varied between 64 degrees Fahrenheit and 80 degrees Fahrenheit. The HI-STAR analyzer determined that the roadway surface was DRY 100 percent of the time.

NU-METRICS Traffic Analyzer Study
 Computer Generated Summary Report
 Route: EB BERKSHIRE
 Location: EDGEWOOD

A survey of vehicle traffic was conducted with HISTAR unit number 427. The survey was done in the 0 lane on EB BERKSHIRE in LOMBARD, IL, in DUPAGE county. The survey lasted for 24.0 hours and began on Tuesday, August 19, 1997 at 9:00am and ended on Wednesday, August 20, 1997 at 9:00am. Data were recorded in 60 minute time periods. The total recorded volume of traffic showed 256 vehicles passed through the location with a peak volume of 29 on Tuesday, August 19, 1997 at 2:00pm and a minimum volume of 0 on Wednesday, August 20, 1997 at 2:00am.

SPEED

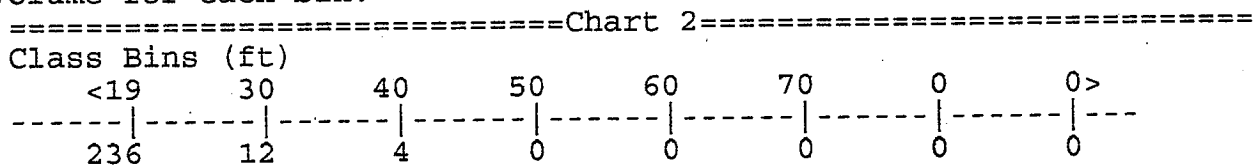
Chart 1 lists the values of the speed bins and the total volume for each bin.



Half of the vehicles were traveling at 25 Mph or lower speed. The average speed for all classified vehicles was 25.5 Mph with 15.9 percent exceeding the posted speed of 30 Mph. The HI-STAR found 0.4 percent of the vehicles were traveling in excess of 55 Mph. The mode speed for this traffic study was 23.5 Mph and the 85th percentile was 30.9 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 236. 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, August 19, 1997 at 2:00pm the average headway between the vehicles was 124.14 seconds. The slow period occurred on Wednesday, August 20, 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 64 degrees Fahrenheit and 86 degrees Fahrenheit. The HI-STAR analyzer determined that the roadway surface was DRY 100 percent of the time.

NU-METRICS Traffic Analyzer Study
 Computer Generated Summary Report
 Route: WB BERKSHIRE
 Location: EDGEWOOD

A survey of vehicle traffic was conducted with HISTAR unit number 426. The survey was done in the 0 lane on WB BERKSHIRE in LOMBARD, IL, in DUPAGE county. The survey lasted for 24.0 hours and began on Tuesday, August 19, 1997 at 9:00am and ended on Wednesday, August 20, 1997 at 9:00am. Data were recorded in 60 minute time periods. The total recorded volume of traffic showed 258 vehicles passed through the location with a peak volume of 34 on Tuesday, August 19, 1997 at 4:00pm and a minimum volume of 0 on Wednesday, August 20, 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														
<5	10	15	20	25	30	35	40	45	50	55	60	65	70	75>
1		32		47		23		1		1		0		0
	5		41		87		6		2		0		0	

=====

Half of the vehicles were traveling at 25 Mph or lower speed. The average speed for all classified vehicles was 26.0 Mph with 13.4 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 25.2 Mph and the 85th percentile was 30.3 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>
234		5		6		1	
						0	
						0	
						0	
						0	
						0	

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Most of the vehicles were passenger cars with a total count of 234. This represents 95.12 percent of the classified vehicles. The truck percentage is 4.88 percent of the classified vehicles.

HEADWAY

During the peak time period, on Tuesday, August 19, 1997 at 4:00pm the average headway between the vehicles was 105.88 seconds. The slow period occurred on Wednesday, August 20, 1997 at 2:00am and the headway between the vehicles averaged 0.00 seconds.

WEATHER

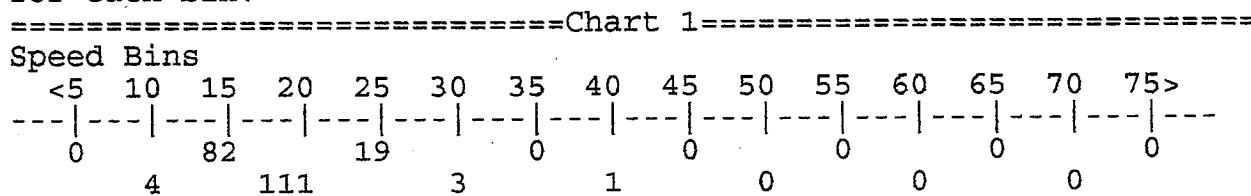
The roadway surface temperature over the period of the study varied between 66 degrees Fahrenheit and 86 degrees Fahrenheit. The HI-STAR analyzer determined that the roadway surface was DRY 100 percent of the time.

NU-METRICS Traffic Analyzer Study
 Computer Generated Summary Report
 Route: N/B EDGEWOOD
 Location: BERKSHIRE

A survey of vehicle traffic was conducted with HISTAR unit number 421. The survey was done in the 0 lane on N/B EDGEWOOD in LOMBARD, IL, in DUPAGE county. The survey lasted for 24.0 hours and began on Tuesday, September 30, 1997 at 8:30am and ended on Wednesday, October 1, 1997 at 8:30am. Data were recorded in 60 minute time periods. The total recorded volume of traffic showed 237 vehicles passed through the location with a peak volume of 27 on Wednesday, October 1, 1997 at 7:30am and a minimum volume of 0 on Tuesday, September 30, 1997 at 11:30pm.

SPEED

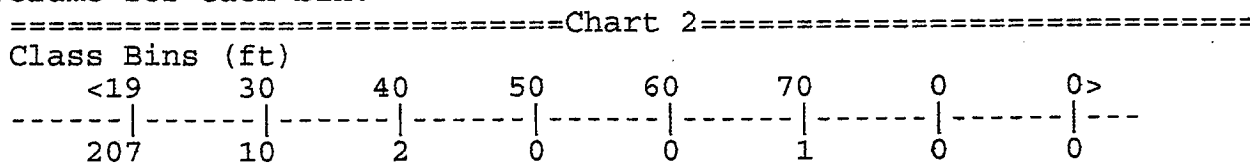
Chart 1 lists the values of the speed bins and the total volume for each bin.



Half of the vehicles were traveling at 20 Mph or lower speed. The average speed for all classified vehicles was 18.6 Mph with 1.8 percent exceeding the posted speed of 25 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 16.6 Mph and the 85th percentile was 20.0 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 207. This represents 94.09 percent of the classified vehicles. The truck percentage is 5.91 percent of the classified vehicles.

HEADWAY

During the peak time period, on Wednesday, October 1, 1997 at 7:30am the average headway between the vehicles was 133.33 seconds. The slow period occurred on Tuesday, September 30, 1997 at 11:30pm and the headway between the vehicles averaged 0.00 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 53 degrees Fahrenheit and 80 degrees Fahrenheit. The HI-STAR analyzer determined that the roadway surface was DRY 100 percent of the time.

NU-METRICS Traffic Analyzer Study
 Computer Generated Summary Report
 Route: S/B EDGEWOOD
 Location: BARKSHIRE

A survey of vehicle traffic was conducted with HISTAR unit number 3796. The survey was done in the 0 lane on S/B EDGEWOOD in LOMBARD, IL, in DUPAGE county. The survey lasted for 24.0 hours and began on Tuesday, September 30, 1997 at 8:30am and ended on Wednesday, October 1, 1997 at 8:30am. Data were recorded in 60 minute time periods. The total recorded volume of traffic showed 286 vehicles passed through the location with a peak volume of 33 on Wednesday, October 1, 1997 at 7:30am and a minimum volume of 0 on Wednesday, October 1, 1997 at 2:30am.

SPEED

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

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

Speed Bins														
<5	10	15	20	25	30	35	40	45	50	55	60	65	70	75>
2	124	15	1	0	0	0	0	0	0	0	0	0	0	0
36	43	4	1	0	0	0	0	0	0	0	0	0	0	0

=====

Half of the vehicles were traveling at 15 Mph or lower speed. The average speed for all classified vehicles was 16.2 Mph with 2.7 percent exceeding the posted speed of 25 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 13.5 Mph and the 85th percentile was 19.0 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>
197	23	5	1	0	0	0	0

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Most of the vehicles were passenger cars with a total count of 197. This represents 87.17 percent of the classified vehicles. The truck percentage is 12.83 percent of the classified vehicles.

HEADWAY

During the peak time period, on Wednesday, October 1, 1997 at 7:30am the average headway between the vehicles was 109.09 seconds. The slow period occurred on Wednesday, October 1, 1997 at 2:30am and the headway between the vehicles averaged 0.00 seconds.

WEATHER

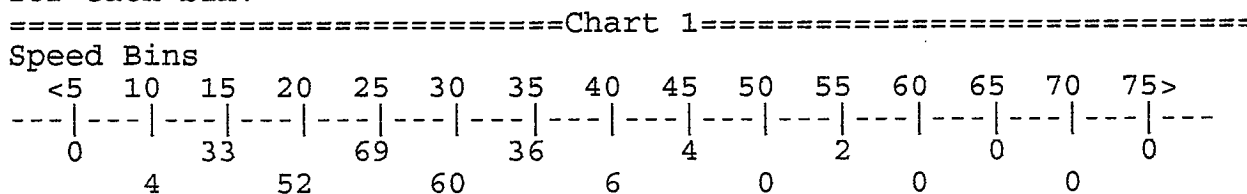
The roadway surface temperature over the period of the study varied between 59 degrees Fahrenheit and 82 degrees Fahrenheit. The HI-STAR analyzer determined that the roadway surface was DRY 100 percent of the time.

NU-METRICS Traffic Analyzer Study
 Computer Generated Summary Report
 Route: E/B BERKSHIRE
 Location: EDGEWOOD

A survey of vehicle traffic was conducted with HISTAR unit number 432. The survey was done in the 0 lane on E/B BERKSHIRE in LOMBARD, IL, in DUPAGE county. The survey lasted for 24.0 hours and began on Tuesday, September 30, 1997 at 8:30am and ended on Wednesday, October 1, 1997 at 8:30am. Data were recorded in 60 minute time periods. The total recorded volume of traffic showed 272 vehicles passed through the location with a peak volume of 40 on Wednesday, October 1, 1997 at 7:30am and a minimum volume of 0 on Wednesday, October 1, 1997 at 1:30am.

SPEED

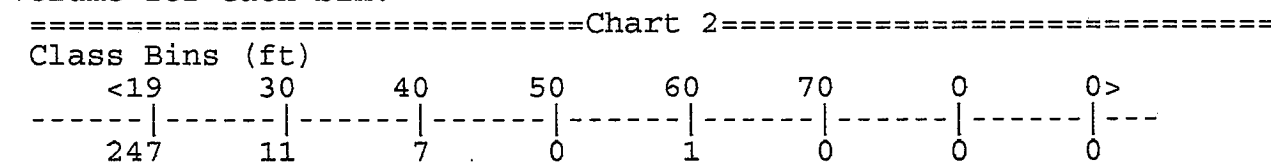
Chart 1 lists the values of the speed bins and the total volume for each bin.



Half of the vehicles were traveling at 25 Mph or lower speed. The average speed for all classified vehicles was 25.9 Mph with 40.6 percent exceeding the posted speed of 25 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 23.7 Mph and the 85th percentile was 31.6 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 247. This represents 92.86 percent of the classified vehicles. The truck percentage is 7.14 percent of the classified vehicles.

HEADWAY

During the peak time period, on Wednesday, October 1, 1997 at 7:30am the average headway between the vehicles was 90.00 seconds. The slow period occurred on Wednesday, October 1, 1997 at 1:30am and the headway between the vehicles averaged 0.00 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 53 degrees Fahrenheit and 82 degrees Fahrenheit. The HI-STAR analyzer determined that the roadway surface was DRY 100 percent of the time.

NU-METRICS Traffic Analyzer Study
 Computer Generated Summary Report
 Route: W/B BERKSHIRE
 Location: EDGEWOOD

A survey of vehicle traffic was conducted with HISTAR unit number 7523. The survey was done in the 0 lane on W/B BERKSHIRE in LOMBARD, IL, in DUPAGE county. The survey lasted for 24.0 hours and began on Tuesday, September 30, 1997 at 8:30am and ended on Wednesday, October 1, 1997 at 8:30am. Data were recorded in 60 minute time periods. The total recorded volume of traffic showed 127 vehicles passed through the location with a peak volume of 26 on Tuesday, September 30, 1997 at 4:30pm and a minimum volume of 0 on Tuesday, September 30, 1997 at 11:30pm.

SPEED

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

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

Speed Bins														
<5	10	15	20	25	30	35	40	45	50	55	60	65	70	75>
2	9	25	15	30	30	11	1	0	0	0	0	0	0	0

=====

Half of the vehicles were traveling at 25 Mph or lower speed. The average speed for all classified vehicles was 23.2 Mph with 34.1 percent exceeding the posted speed of 25 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 22.3 Mph and the 85th percentile was 29.4 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>
111	9	2	1	0	0	0	0

=====

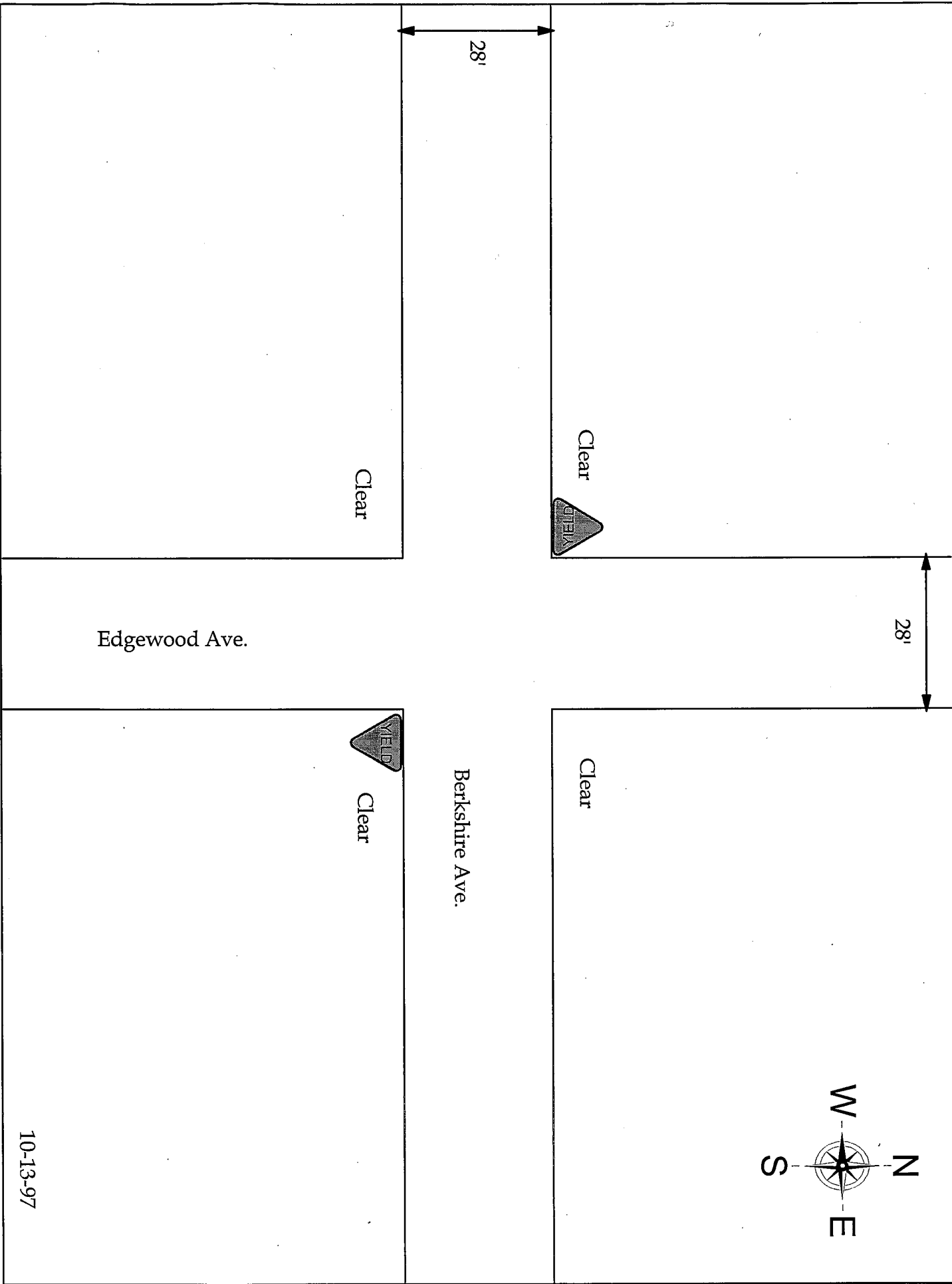
Most of the vehicles were passenger cars with a total count of 111. This represents 90.24 percent of the classified vehicles. The truck percentage is 9.76 percent of the classified vehicles.

HEADWAY

During the peak time period, on Tuesday, September 30, 1997 at 4:30pm the average headway between the vehicles was 138.46 seconds. The slow period occurred on Tuesday, September 30, 1997 at 11:30pm and the headway between the vehicles averaged 0.00 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 55 degrees Fahrenheit and 80 degrees Fahrenheit. The HI-STAR analyzer determined that the roadway surface was DRY 100 percent of the time.



28'

28'

Clear

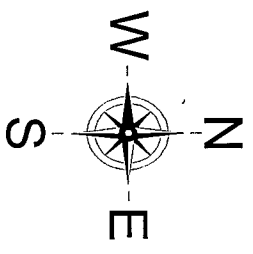
Clear

Edgewood Ave.

Berkshire Ave.

Clear

Clear



10-13-97