

990588

To:

Stan Rickard, Public Works Director

From:

John Johnson, Technical Services Supervisor

Date:

October 14, 1999

Subject:

Request for Traffic Control at Craig and LeMoyne

Attached for your review is a drawing of the intersection, traffic counts and an aerial photograph of Craig and LeMoyne. The traffic volumes are low and the average speed for all approaches is 26 mph. There is a large grouping of dense pine trees on the southeast corner within 7 feet of the house. This has created poor sight distance for drivers traveling westbound and northbound. The drawing shows the sight distance available for the driver to react. The northbound driver has 41 feet of clear sight distance before impact and westbound has 60 feet clear sight distance before impact. Normally 130 feet of clear sight distance is required for drivers to either stop, go or slow down to avoid an accident.

I had the opportunity to talk to two residents on the corners of Craig and LeMoyne. Both residents have lived there for at least 30 years. They could recall only a few accidents occurring at this location in those past decades. The residents both felt some drivers were traveling a little fast for this area.

On the basis of the attached data, I would recommend installing yield signs north and southbound on Craig at LeMoyne.

cc:

Richard Tross, Trustee - District 2 Steven Sebby, Trustee - District 4 Mr. Edward J. Lee, 717 N. Craig Transportation and Safety Committee

### NU-METRICS Traffic Analyzer Study Computer Generated Summary Report Route: S.B. Craig & LeMoyne Location: S.B. Craig & LeMoyne

A study of vehicle traffic was conducted with HI-STAR unit number 2262. The study was done in the lane on S.B. Craig & LeMoyne in Lombard, IL in DuPage county. The study began on 09/21/1999 at 12:00 PM and concluded on 09/23/1999 at 12:00 PM, lasting a total of 48 hours. Data was recorded in 60 minute time periods. The total recorded volume of traffic showed 127 vehicles passed through the location with a peak volume of 13 on 09/22/1999 at 04:00 PM and a minimum volume of 0 on 09/21/1999 at 11:00 PM.

#### SPEED

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

							Ch	art 1						
< 23	23	25	28	30	33	35	38	40	43	45	48	50	53	> 53
24	23	28	14	16	7	4	1	2	1	1		Ò	0	6

Half of the vehicles were traveling at 25 Mph or a lower speed. The average speed for all classified vehicles was 28 Mph with 17.3 percent exceeding the posted speed of 30 Mph. The HI-STAR found 0.0 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 33.

## **CLASSIFICATION**

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

		•		Chart 2	the same of	• 1		
< 20	20	30	40	50	14.5	6Q	70	> 70
					, ,		4	
113	10	2	2	0		q	0	O

Most of the vehicles were Passenger Cars with a total count of 123. This represents 96.9 percent of the classified vehicles. The number of trucks in the study was 0 which represents 0.0 percent of the total classifed vehicles.

#### **HEADWAY**

During the peak time period, on 09/22/1999 at 04:00 PM the average headway between the vehicles was 257.14 seconds. The slowest traffic period was on 09/21/1999 at 11:00 PM. During this slowest period, the average headway was 3600.0 seconds.

#### WEATHER

The roadway surface temperature over the period of the study varied between 46 and 109 degrees Fahrenheit. The HI-STAR determined that the roadway surface was Dry 100.0 percent of the time.

## NU-METRICS Traffic Analyzer Study Computer Generated Summary Report Route: N.B. Craig & LeMoyne Location: N.B. Craig & LeMoyne

A study of vehicle traffic was conducted with HI-STAR unit number 426. The study was done in the lane on N.B. Craig & LeMoyne in Lombard, IL in DuPage county. The study began on 09/21/1999 at 12:00 PM and concluded on 09/23/1999 at 12:00 PM, lasting a total of 48 hours. Data was recorded in 60 minute time periods. The total recorded volume of traffic showed 150 vehicles passed through the location with a peak volume of 11 on 09/21/1999 at 06:00 PM and a minimum volume of 0 on 09/21/1999 at 01:00 PM.

#### SPEED

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

	*							Ch	art 1		4"	. *			
[	< 23	23	25	28	30	33	35	38	40	43	45	48	50	53	> 53
	99	14	11	12	2	6	1	0	2	0	(		) . (	) (	0

Half of the vehicles were traveling at 22 Mph or a lower speed. The average speed for all classified vehicles was 24 Mph with 6.12 percent exceeding the posted speed of 30 Mph. The HI-STAR found 0.0 percent of the total vehicles were traveling in excess of 55 Mph. The mode speed for this traffic study was 22 Mph and the 85th percentile was 28.

## **CLASSIFICATION**

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

	•				Chart 2			
ı	< 20	20	30	40	50	- 60	70	> 70
1	140	1	3		1	1	. 0	1

Most of the vehicles were Passenger Cars with a total count of 141. This represents 95.9 percent of the classified vehicles. The number of trucks in the study was 0 which represents 0.0 percent of the total classified vehicles.

## **HEADWAY**

During the peak time period, on 09/21/1999 at 06:00 PM the average headway between the vehicles was 300.0 seconds. The slowest traffic period was on 09/21/1999 at 01:00 PM. During this slowest period, the average headway was 3600.0 seconds.

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#### WEATHER

The roadway surface temperature over the period of the study varied between 48 and 74 degrees Fahrenheit. The HI-STAR determined that the roadway surface was Dry 100.0 percent of the time.

## NU-METRICS Traffic Analyzer Study Computer Generated Summary Report Route: E.B. Craig & LeMoyne Location: E.B. Craig & LeMoyne

A study of vehicle traffic was conducted with HI-STAR unit number 427. The study was done in the lane on E.B. Craig & LeMoyne in Lombard, IL in DuPage county. The study began on 09/21/1999 at 12:00 PM and concluded on 09/23/1999 at 12:00 PM, lasting a total of 48 hours. Data was recorded in 60 minute time periods. The total recorded volume of traffic showed 224 vehicles passed through the location with a peak volume of 16 on 09/22/1999 at 06:00 PM and a minimum volume of 0 on 09/21/1999 at 10:00 PM.

#### SPEED

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

								Cha	art 1						
	< 23	23	25	28	30	33	35	38	40	43	45	48	50	53	> 53
L	. ]												1	1	1
	62	11	34	35	44	18	5	4		1	0		) (	)	0

Half of the vehicles were traveling at 28 Mph or a lower speed. The average speed for all classified vehicles was 27 Mph with 15.8 percent exceeding the posted speed of 30 Mph. The HI-STAR found 0.0 percent of the total vehicles were traveling in excess of 55 Mph. The mode speed for this traffic study was 22 Mph and the 85th percentile was 33.

#### CLASSIFICATION

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

				•	Chart 2	46.15.		
	< 20	20	30	40	50	60	70	> 70
L								
	210	2	9	0	0		Ō	0

Most of the vehicles were Passenger Cars with a total count of 212. This represents 95.9 percent of the classified vehicles. The number of trucks in the study was 0 which represents 0.0 percent of the total classified vehicles.

## **HEADWAY**

During the peak time period, on 09/22/1999 at 06:00 PM the average headway between the vehicles was 211.76 seconds. The slowest traffic period was on 09/21/1999 at 10:00 PM. During this slowest period, the average headway was 3600.0 seconds.

#### WEATHER

The roadway surface temperature over the period of the study varied between 48 and 83 degrees Fahrenheit. The HI-STAR determined that the roadway surface was Dry 100.0 percent of the time.

## NU-METRICS Traffic Analyzer Study Computer Generated Summary Report Route: W.B. Craig & LeMoyne Location: W.B. Craig & LeMoyne

A study of vehicle traffic was conducted with HI-STAR unit number 9246. The study was done in the lane on W.B. Craig & LeMoyne in Lombard, IL in DuPage county. The study began on 09/21/1999 at 12:00 PM and concluded on 09/23/1999 at 12:00 PM, lasting a total of 48 hours. Data was recorded in 60 minute time periods. The total recorded volume of traffic showed 303 vehicles passed through the location with a peak volume of 19 on 09/22/1999 at 06:00 PM and a minimum volume of 0 on 09/22/1999 at 02:00 AM.

#### SPEED

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

								Cha	art 1						
< 23		3	25	28	30	33	35	38	40	43	45	48	50	53	> 53
136	24	4	45	51	12	18	10	2	3	0	0		) 0	) 0	1

Half of the vehicles were traveling at 23 Mph or a lower speed. The average speed for all classified vehicles was 25 Mph with 11.2 percent exceeding the posted speed of 30 Mph. The HI-STAR found 0.0 percent of the total vehicles were traveling in excess of 55 Mph. The mode speed for this traffic study was 22 Mph and the 85th percentile was 30.

## **CLASSIFICATION**

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

				•	Chart 2	4 E 1		
[	< 20	20	30	40	50	60	70	> 70
[	255	5	28	11	3		0 0	0

Most of the vehicles were Passenger Cars with a total count of 260. This represents 86.1 percent of the classified vehicles. The number of trucks in the study was 0 which represents 0.0 percent of the total classified vehicles.

A Water

#### HEADWAY

During the peak time period, on 09/22/1999 at 06:00 PM the average headway between the vehicles was 180.0 seconds. The slowest traffic period was on 09/22/1999 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 52 and 101 degrees Fahrenheit. The HI-STAR determined that the roadway surface was Dry 100.0 percent of the time.

# Time/Speed Report

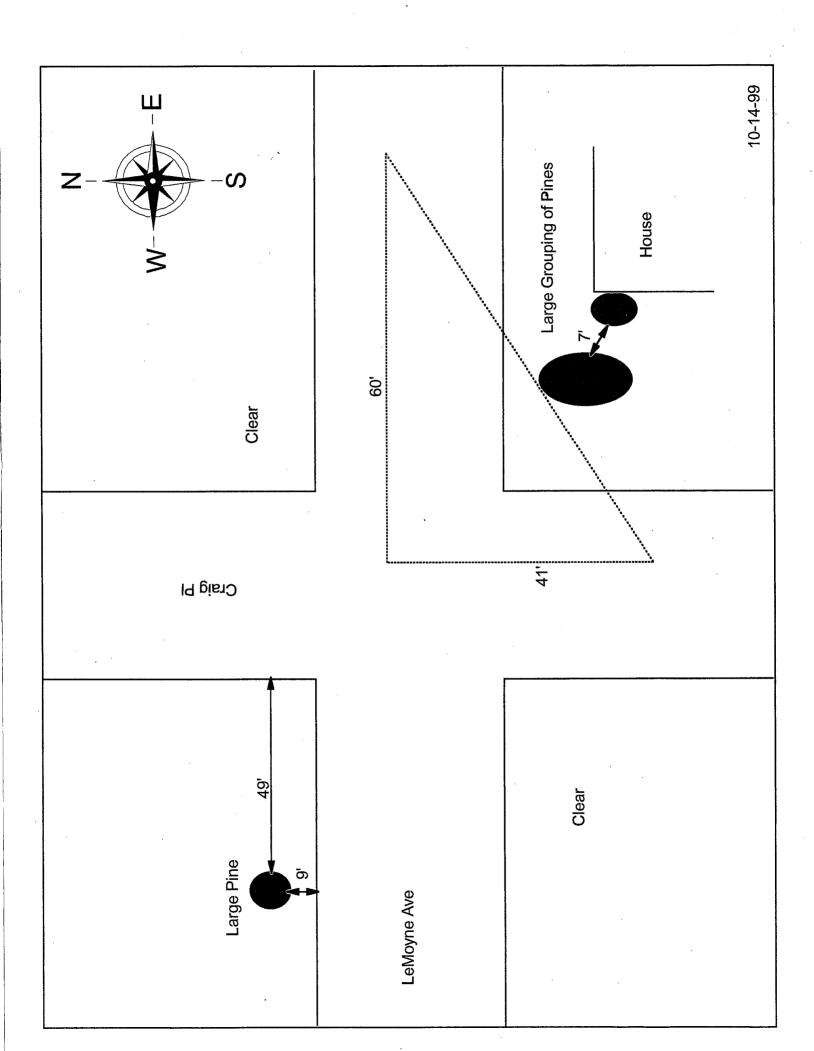
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# Time/Speed Report

## Time/Speed Report

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## September 8, 1999

**Lombard Police Department** 

ATTN: CHIEF LEON KUTZKE

235 E. Wilson

Lombard, IL. 60148

Dear Chief Kutzke,

I hate to be the one to say I told you so....but, I DID tell you so.

Just a little more than 2-months ago, on July 2, 1999, I addressed a letter to your attention regarding a hazardous intersection within the Village of Lombard. I referred specifically to the intersection of Lemoyne and Craig Place.

Your response to my letter was both immediate and appreciated. A further follow-up telephone call from a Lieutenant was also duly noted, and his delegation of the problem passed-on to a patrolman was somewhat questionable by myself as a retired police officer. However, times have changed since I retired and, Patrol Officers are probably being given more responsibilities than they were when we were both young rookies.

I referred to the problem as being a daily hazard, not a weekend situation, between the hours of 3PM and 6PM. The only manned (not decoy) patrol cars I saw at the intersection were there on a Saturday and Sunday?

As I anticipated, and related to you in that letter, at approximately 5PM this evening, a car and truck collided at that intersection. The car was a small Plymouth Sun Dance and the truck was a large panel type. The impact was so severe that it rolled the truck on it's side and up on the front lawn of the residence on the northwest corner of the intersection.....a home where the elderly female occupant is usually out working on her lawn at that time of the afternoon.

Again, this is not a situation where an accident might happen....this is a situation of "when" it will happen. Thank God the incident this evening involved two vehicles, and not a child on a bicycle or possibly an individual on a motorcycle....either of which would have been a certain fatality.

Once again, I am asking for your cooperation in eliminating this hazardous situation by requesting that the Village of Lombard install stop signs at the intersection as soon as possible.

In closing, let me repeat, I'm a retired police officer.....and, I'm on YOUR side. If you need any further information....want to use my driveway for observation....or whatever, feel free to call me at (630) 953-8480.

Respectfully,

Edward J. Lee, Detective Sergeant, Village of Rosemont (retired)

717 N. Craig Place

Lombard, IL. 60148

July 2, 1999

**Lombard Police Department** 

ATTN: CHIEF LEON KUTZKE

235 E. Wilson

Lombard, IL. 60148

Dear Chief Kutzke,

I would like to take this opportunity, as a retired police officer myself, to bring to your attention what I believe to be a hazardous traffic situation within the Village of Lombard.

I live at the corner of North Avenue and Craig Place, and between the hours of 3PM and 6PM, I witness countless vehicles traveling S/B on Craig Place traveling well in excess of the posted speed limits.

The obvious reason for these motorists behavior is an apparent attempt to avoid the traffic signals at the intersection of North Avenue and Grace Street. Drivers wishing to go S/B on Grace Street, are by-passing the traffic signal by traveling S/B on Craig Place, to the first stop sign on Craig Place at Goebel Street, turning east there and taking that to Grace Street. (similar to driving through a corner gas station to avoid a traffic signal)

What concerns me is the reckless abandon they have for the intersection of Lemoyne and Craig Place speeding through the intersection without any regard to the traffic traveling east or westbound on Lemoyne. By the time these violators are between Lemoyne and Goebel, they are speeding well in excess of 40-MPH. This is a daily routine for any driver familiar with this area.

I have witnessed numerous 'close-calls' at the intersection of Craig Place and Lemoyne involving not only motorists, but children on bicycles as well. The intersection is a hazard just waiting for a serious accident to occur.

As a former law enforcement officer myself, I would suggest one of the following remedies to resolve this situation:

- 1. Place a patrol unit at the intersection to enforce the speed limits daily between 3PM and 6PM. (not too practical unless you have a whole lot more manpower than we ever had on our department)
- 2. Request that the Village of Lombard adopt an ordinance to place a stop sign on S/B Craig Place at Lemoyne (and periodically enforce that stop sign)

In either event, my wife and I are planning on moving from the area to a larger home. However, I would be remise with my conscience if I did not bring this matter to your attention before leaving the area, or before an innocent motorist or child loses their life.

I am hoping that you will give this matter your immediate attention. If you require any additional information, please feel free to contact me at (630) 953-8480.

Respectfully.

Edward J. Lee, Detective Sergeant, Village of Rosemont (retired)

717 N. Craig Place

Lombard, IL. 60148