

**Nu-Metrics Traffic Analyzer Study
Computer Generated Summary Report
City: Lisle
Street: Abbeywood Drive - 50' E Longview**

A study of vehicle traffic was conducted with HI-STAR unit number 137034. The study was done in the WB lane at Abbeywood Drive - 50' E Longview in Lisle, IL in DuPage county. The study began on Nov/09/17 at 12:00 and concluded on Nov/12/17 at 03:00, lasting a total of 63.00 hours. Traffic statistics were recorded in 15 minute time periods. The total recorded volume showed 3405 vehicles passed through the location with a peak volume of 42 on Nov/09/17 at [18:00-18:15] and a minimum volume of 0 on Nov/09/17 at [23:00-23:15]. The AADT count for this study was 1,297.

SPEED

Chart 1 lists the values of the speed bins and the total traffic volume for each bin. At least half the vehicles were traveling in the 36 - > MPH range or lower. The average speed for all classified vehicles was 30 MPH with 81.19% vehicles exceeding the posted speed of 25 MPH. The HI-STAR found 0.00 percent of the total vehicles were traveling in excess of 55 MPH. The mode speed for this traffic study was 36MPH and the 85th percentile was 34.64 MPH.

< to 13	14 to 18	19 to 23	24 to 25	26 to 26	27 to 27	28 to 28	29 to 29	30 to 30	31 to 31	32 to 32	33 to 33	34 to 34	35 to 35	36 to >					
15	82	264	278	217	238	305	291	319	302	232	234	173	111	337					

CHART 1

CLASSIFICATION

Chart 2 lists the values of the classification bins and the total traffic volume accumulated for each bin. Most of the vehicles classified during the study were Passenger Vehicles. The number of Passenger Vehicles in the study was 2725 which represents 80 percent of the total classified vehicles. The number of Vans & Pickups in the study was 609 which represents 18 percent of the total classified vehicles. The number of Busses & Trucks in the study was 34 which represents 1 percent of the total classified vehicles. The number of Tractor Trailers in the study was 12 which represents 0.4 percent of the total classified vehicles.

< to 17	18 to 23	24 to 27	28 to 31	32 to 37	38 to 43	44 to 61	62 to >												
2725	609	34	12	12	3	3	0												

CHART 2

HEADWAY

During the peak traffic period, on Nov/09/17 at [18:00-18:15] the average headway between vehicles was 20.93 seconds. During the slowest traffic period, on Nov/09/17 at [23:00-23:15] the average headway between vehicles was 900 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 32.00 and 223.00 degrees F.

Date/Time/Volume/Average Speed/Temperature Report

HI-Star ID: 137034 Street: Abbeywood Drive - 50' E Longvie State: IL City: Lisle County: DuPage	Begin: Nov/09/17 12:00 Lane: WB Oper: ek Posted: 25 AADT Factor: 1	End: Nov/12/17 03:00 Hours: 63.00 Period: 15 Raw Count: 3405 AADT Count: 1,297		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Thu, Nov/09/17

[12:00-12:15]	13	32 MPH	54 F	---
[12:15-12:30]	21	30 MPH	52 F	---
[12:30-12:45]	13	30 MPH	56 F	---
[12:45-13:00]	16	27 MPH	58 F	---
[13:00-13:15]	14	32 MPH	58 F	---
[13:15-13:30]	14	29 MPH	61 F	---
[13:30-13:45]	13	29 MPH	61 F	---
[13:45-14:00]	15	29 MPH	61 F	---
[14:00-14:15]	14	31 MPH	54 F	---
[14:15-14:30]	23	31 MPH	54 F	---
[14:30-14:45]	24	29 MPH	56 F	---
[14:45-15:00]	23	27 MPH	54 F	---
[15:00-15:15]	17	30 MPH	52 F	---
[15:15-15:30]	20	28 MPH	49 F	---
[15:30-15:45]	29	29 MPH	49 F	---
[15:45-16:00]	22	30 MPH	47 F	---
[16:00-16:15]	18	26 MPH	45 F	---
[16:15-16:30]	22	28 MPH	43 F	---
[16:30-16:45]	33	29 MPH	43 F	---
[16:45-17:00]	23	32 MPH	43 F	---
[17:00-17:15]	29	28 MPH	43 F	---
[17:15-17:30]	27	28 MPH	40 F	---
[17:30-17:45]	40	29 MPH	40 F	---
[17:45-18:00]	31	29 MPH	40 F	---
[18:00-18:15]	42	29 MPH	38 F	---
[18:15-18:30]	33	28 MPH	38 F	---
[18:30-18:45]	24	28 MPH	38 F	---
[18:45-19:00]	21	29 MPH	36 F	---
[19:00-19:15]	19	30 MPH	36 F	---
[19:15-19:30]	16	28 MPH	36 F	---
[19:30-19:45]	17	30 MPH	34 F	---
[19:45-20:00]	16	29 MPH	34 F	---
[20:00-20:15]	14	28 MPH	34 F	---
[20:15-20:30]	17	28 MPH	34 F	---
[20:30-20:45]	8	29 MPH	32 F	---
[20:45-21:00]	7	30 MPH	32 F	---

Date/Time/Volume/Average Speed/Temperature Report

HI-Star ID: 137034 Street: Abbeywood Drive - 50' E Longvic State: IL City: Lisle County: DuPage	Begin: Nov/09/17 12:00 Lane: WB Oper: ek Posted: 25 AADT Factor: 1	End: Nov/12/17 03:00 Hours: 63.00 Period: 15 Raw Count: 3405 AADT Count: 1,297		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Thu, Nov/09/17				
[21:00-21:15]	14	29 MPH	32 F	---
[21:15-21:30]	4	33 MPH	32 F	---
[21:30-21:45]	2	32 MPH	34 F	---
[21:45-22:00]	8	29 MPH	34 F	---
[22:00-22:15]	4	27 MPH	34 F	---
[22:15-22:30]	2	28 MPH	34 F	---
[22:30-22:45]	5	29 MPH	36 F	---
[22:45-23:00]	2	32 MPH	36 F	---
[23:00-23:15]	0	0 MPH	36 F	---
[23:15-23:30]	3	31 MPH	36 F	---
[23:30-23:45]	1	36 MPH	36 F	---
[23:45-00:00]	0	0 MPH	36 F	---
Thu, Nov/09/17	793	29 MPH	43 F	
Fri, Nov/10/17				
[00:00-00:15]	5	28 MPH	38 F	---
[00:15-00:30]	1	25 MPH	38 F	---
[00:30-00:45]	1	0 MPH	38 F	---
[00:45-01:00]	1	28 MPH	38 F	---
[01:00-01:15]	1	26 MPH	38 F	---
[01:15-01:30]	0	0 MPH	38 F	---
[01:30-01:45]	2	24 MPH	38 F	---
[01:45-02:00]	0	0 MPH	40 F	---
[02:00-02:15]	0	0 MPH	40 F	---
[02:15-02:30]	1	25 MPH	40 F	---
[02:30-02:45]	0	0 MPH	40 F	---
[02:45-03:00]	0	0 MPH	40 F	---
[03:00-03:15]	0	0 MPH	40 F	---
[03:15-03:30]	0	0 MPH	40 F	---
[03:30-03:45]	1	26 MPH	40 F	---
[03:45-04:00]	0	0 MPH	40 F	---
[04:00-04:15]	0	0 MPH	40 F	---
[04:15-04:30]	2	31 MPH	43 F	---
[04:30-04:45]	1	32 MPH	43 F	---
[04:45-05:00]	3	27 MPH	43 F	---
[05:00-05:15]	3	25 MPH	43 F	---
[05:15-05:30]	4	32 MPH	43 F	---

Date/Time/Volume/Average Speed/Temperature Report

HI-Star ID: 137034 Street: Abbeywood Drive - 50' E Longvie State: IL City: Lisle County: DuPage	Begin: Nov/09/17 12:00 Lane: WB Oper: ek Posted: 25 AADT Factor: 1	End: Nov/12/17 03:00 Hours: 63.00 Period: 15 Raw Count: 3405 AADT Count: 1,297		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Fri, Nov/10/17				
[05:30-05:45]	3	29 MPH	43 F	---
[05:45-06:00]	7	29 MPH	43 F	---
[06:00-06:15]	10	30 MPH	43 F	---
[06:15-06:30]	10	30 MPH	43 F	---
[06:30-06:45]	12	29 MPH	43 F	---
[06:45-07:00]	17	32 MPH	43 F	---
[07:00-07:15]	23	34 MPH	40 F	---
[07:15-07:30]	32	30 MPH	40 F	---
[07:30-07:45]	20	29 MPH	38 F	---
[07:45-08:00]	18	31 MPH	38 F	---
[08:00-08:15]	25	30 MPH	36 F	---
[08:15-08:30]	15	30 MPH	36 F	---
[08:30-08:45]	23	31 MPH	34 F	---
[08:45-09:00]	17	31 MPH	34 F	---
[09:00-09:15]	19	30 MPH	32 F	---
[09:15-09:30]	18	30 MPH	34 F	---
[09:30-09:45]	9	32 MPH	34 F	---
[09:45-10:00]	18	30 MPH	34 F	---
[10:00-10:15]	11	30 MPH	34 F	---
[10:15-10:30]	11	29 MPH	34 F	---
[10:30-10:45]	18	30 MPH	36 F	---
[10:45-11:00]	19	29 MPH	36 F	---
[11:00-11:15]	16	31 MPH	38 F	---
[11:15-11:30]	13	31 MPH	40 F	---
[11:30-11:45]	21	30 MPH	40 F	---
[11:45-12:00]	18	30 MPH	40 F	---
[12:00-12:15]	19	28 MPH	43 F	---
[12:15-12:30]	15	30 MPH	43 F	---
[12:30-12:45]	10	30 MPH	43 F	---
[12:45-13:00]	14	31 MPH	43 F	---
[13:00-13:15]	25	30 MPH	43 F	---
[13:15-13:30]	13	29 MPH	43 F	---
[13:30-13:45]	22	29 MPH	43 F	---
[13:45-14:00]	16	29 MPH	43 F	---
[14:00-14:15]	20	30 MPH	43 F	---
[14:15-14:30]	17	29 MPH	45 F	---

Date/Time/Volume/Average Speed/Temperature Report

HI-Star ID: 137034 Street: Abbeywood Drive - 50' E Longvie State: IL City: Lisle County: DuPage	Begin: Nov/09/17 12:00 Lane: WB Oper: ek Posted: 25 AADT Factor: 1	End: Nov/12/17 03:00 Hours: 63.00 Period: 15 Raw Count: 3405 AADT Count: 1,297		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Fri, Nov/10/17				
[14:30-14:45]	24	30 MPH	43 F	---
[14:45-15:00]	28	28 MPH	40 F	---
[15:00-15:15]	25	27 MPH	40 F	---
[15:15-15:30]	18	30 MPH	40 F	---
[15:30-15:45]	24	29 MPH	40 F	---
[15:45-16:00]	26	28 MPH	40 F	---
[16:00-16:15]	28	27 MPH	38 F	---
[16:15-16:30]	24	31 MPH	36 F	---
[16:30-16:45]	33	30 MPH	36 F	---
[16:45-17:00]	30	28 MPH	36 F	---
[17:00-17:15]	19	29 MPH	34 F	---
[17:15-17:30]	20	29 MPH	34 F	---
[17:30-17:45]	36	29 MPH	34 F	---
[17:45-18:00]	30	27 MPH	32 F	---
[18:00-18:15]	27	27 MPH	32 F	---
[18:15-18:30]	29	30 MPH	32 F	---
[18:30-18:45]	27	28 MPH	32 F	---
[18:45-19:00]	39	27 MPH	32 F	---
[19:00-19:15]	23	29 MPH	34 F	---
[19:15-19:30]	20	28 MPH	34 F	---
[19:30-19:45]	19	29 MPH	34 F	---
[19:45-20:00]	12	30 MPH	34 F	---
[20:00-20:15]	18	28 MPH	34 F	---
[20:15-20:30]	10	27 MPH	34 F	---
[20:30-20:45]	11	29 MPH	34 F	---
[20:45-21:00]	12	31 MPH	34 F	---
[21:00-21:15]	5	32 MPH	36 F	---
[21:15-21:30]	8	27 MPH	36 F	---
[21:30-21:45]	11	29 MPH	36 F	---
[21:45-22:00]	7	29 MPH	36 F	---
[22:00-22:15]	13	29 MPH	36 F	---
[22:15-22:30]	12	29 MPH	36 F	---
[22:30-22:45]	6	28 MPH	36 F	---
[22:45-23:00]	3	31 MPH	36 F	---
[23:00-23:15]	8	27 MPH	36 F	---
[23:15-23:30]	2	27 MPH	36 F	---

Date/Time/Volume/Average Speed/Temperature Report

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Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Fri, Nov/10/17				
[23:30-23:45]	5	28 MPH	36 F	---
[23:45-00:00]	1	34 MPH	36 F	---
Fri, Nov/10/17				
	1313	29 MPH	38 F	
Sat, Nov/11/17				
[00:00-00:15]	3	28 MPH	36 F	---
[00:15-00:30]	2	31 MPH	36 F	---
[00:30-00:45]	0	0 MPH	36 F	---
[00:45-01:00]	3	24 MPH	36 F	---
[01:00-01:15]	1	32 MPH	36 F	---
[01:15-01:30]	1	30 MPH	36 F	---
[01:30-01:45]	1	25 MPH	36 F	---
[01:45-02:00]	0	0 MPH	36 F	---
[02:00-02:15]	0	0 MPH	36 F	---
[02:15-02:30]	2	32 MPH	34 F	---
[02:30-02:45]	2	31 MPH	34 F	---
[02:45-03:00]	0	0 MPH	34 F	---
[03:00-03:15]	1	28 MPH	34 F	---
[03:15-03:30]	0	0 MPH	34 F	---
[03:30-03:45]	0	0 MPH	34 F	---
[03:45-04:00]	1	28 MPH	34 F	---
[04:00-04:15]	0	0 MPH	36 F	---
[04:15-04:30]	2	22 MPH	36 F	---
[04:30-04:45]	0	0 MPH	36 F	---
[04:45-05:00]	1	34 MPH	36 F	---
[05:00-05:15]	2	31 MPH	36 F	---
[05:15-05:30]	3	25 MPH	34 F	---
[05:30-05:45]	2	27 MPH	34 F	---
[05:45-06:00]	8	30 MPH	34 F	---
[06:00-06:15]	4	29 MPH	34 F	---
[06:15-06:30]	4	28 MPH	34 F	---
[06:30-06:45]	5	30 MPH	34 F	---
[06:45-07:00]	6	32 MPH	34 F	---
[07:00-07:15]	6	31 MPH	32 F	---
[07:15-07:30]	6	32 MPH	32 F	---
[07:30-07:45]	16	31 MPH	32 F	---
[07:45-08:00]	14	32 MPH	32 F	---

Date/Time/Volume/Average Speed/Temperature Report

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Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
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Sat, Nov/11/17

[08:00-08:15]	13	32 MPH	32 F	---
[08:15-08:30]	20	32 MPH	32 F	---
[08:30-08:45]	21	31 MPH	34 F	---
[08:45-09:00]	21	30 MPH	34 F	---
[09:00-09:15]	15	31 MPH	34 F	---
[09:15-09:30]	26	31 MPH	34 F	---
[09:30-09:45]	21	30 MPH	36 F	---
[09:45-10:00]	29	31 MPH	36 F	---
[10:00-10:15]	18	30 MPH	36 F	---
[10:15-10:30]	20	28 MPH	38 F	---
[10:30-10:45]	28	32 MPH	38 F	---
[10:45-11:00]	17	30 MPH	40 F	---
[11:00-11:15]	26	32 MPH	40 F	---
[11:15-11:30]	29	29 MPH	43 F	---
[11:30-11:45]	32	30 MPH	43 F	---
[11:45-12:00]	25	31 MPH	43 F	---
[12:00-12:15]	30	31 MPH	43 F	---
[12:15-12:30]	27	31 MPH	43 F	---
[12:30-12:45]	19	31 MPH	40 F	---
[12:45-13:00]	18	29 MPH	40 F	---
[13:00-13:15]	18	31 MPH	43 F	---
[13:15-13:30]	21	30 MPH	43 F	---
[13:30-13:45]	23	31 MPH	43 F	---
[13:45-14:00]	21	30 MPH	43 F	---
[14:00-14:15]	28	29 MPH	43 F	---
[14:15-14:30]	25	31 MPH	43 F	---
[14:30-14:45]	26	29 MPH	43 F	---
[14:45-15:00]	23	30 MPH	43 F	---
[15:00-15:15]	16	31 MPH	43 F	---
[15:15-15:30]	30	31 MPH	43 F	---
[15:30-15:45]	22	30 MPH	43 F	---
[15:45-16:00]	22	31 MPH	40 F	---
[16:00-16:15]	25	30 MPH	40 F	---
[16:15-16:30]	20	31 MPH	40 F	---
[16:30-16:45]	26	31 MPH	40 F	---
[16:45-17:00]	25	29 MPH	40 F	---

Date/Time/Volume/Average Speed/Temperature Report

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Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Sat, Nov/11/17

[17:00-17:15]	31	29 MPH	38 F	---
[17:15-17:30]	31	28 MPH	38 F	---
[17:30-17:45]	32	28 MPH	38 F	---
[17:45-18:00]	20	29 MPH	38 F	---
[18:00-18:15]	21	29 MPH	38 F	---
[18:15-18:30]	28	29 MPH	38 F	---
[18:30-18:45]	19	28 MPH	38 F	---
[18:45-19:00]	17	28 MPH	38 F	---
[19:00-19:15]	11	32 MPH	38 F	---
[19:15-19:30]	16	29 MPH	38 F	---
[19:30-19:45]	8	32 MPH	38 F	---
[19:45-20:00]	13	29 MPH	38 F	---
[20:00-20:15]	8	29 MPH	38 F	---
[20:15-20:30]	9	29 MPH	38 F	---
[20:30-20:45]	9	26 MPH	38 F	---
[20:45-21:00]	8	31 MPH	38 F	---
[21:00-21:15]	12	30 MPH	38 F	---
[21:15-21:30]	5	30 MPH	38 F	---
[21:30-21:45]	6	29 MPH	38 F	---
[21:45-22:00]	8	29 MPH	38 F	---
[22:00-22:15]	9	29 MPH	38 F	---
[22:15-22:30]	8	29 MPH	38 F	---
[22:30-22:45]	7	31 MPH	38 F	---
[22:45-23:00]	10	29 MPH	38 F	---
[23:00-23:15]	4	31 MPH	38 F	---
[23:15-23:30]	6	28 MPH	38 F	---
[23:30-23:45]	4	31 MPH	38 F	---
[23:45-00:00]	0	0 MPH	38 F	---

Sat, Nov/11/17

1282

30 MPH

38 F

Sun, Nov/12/17

[00:00-00:15]	8	34 MPH	38 F	---
[00:15-00:30]	1	30 MPH	38 F	---
[00:30-00:45]	1	22 MPH	38 F	---
[00:45-01:00]	0	0 MPH	38 F	---
[01:00-01:15]	1	30 MPH	38 F	---

Date/Time/Volume/Average Speed/Temperature Report

HI-Star ID: 137034 Street: Abbeywood Drive - 50' E Longvie State: IL City: Lisle County: DuPage		Begin: Nov/09/17 12:00 Lane: WB Oper: ek Posted: 25 AADT Factor: 1		End: Nov/12/17 03:00 Hours: 63.00 Period: 15 Raw Count: 3405 AADT Count: 1,297	
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry	
Sun, Nov/12/17					
[01:15-01:30]	0	0 MPH	38 F	---	
[01:30-01:45]	3	30 MPH	38 F	---	
[01:45-02:00]	3	31 MPH	38 F	---	
[02:00-02:15]	0	0 MPH	34 F	---	
[02:15-02:30]	0	0 MPH	223 F	---	
[02:30-02:45]	0	0 MPH	121 F	---	
[02:45-03:00]	0	0 MPH	81 F	---	
Sun, Nov/12/17		17	11 MPH	64 F	
Nov/09/17 12:00					
Nov/12/17 03:00		3405	29 MPH	40 F	