

**Nu-Metrics Traffic Analyzer Study
 Computer Generated Summary Report
 City: CARTERVILLE
 Street: JALC W/ENT @ GRNBRIAR**

A study of vehicle traffic was conducted with HI-STAR unit number 9886. The study was done in the WB COMB'D lane at JALC W/ENT @ GRNBRIAR in CARTERVILLE, IL in 100-WILLIAMSON county. The study began on Apr/15/2009 at 12:00:00 AM and concluded on Apr/22/2009 at 12:00:00 AM, lasting a total of 168.00 hours. Traffic statistics were recorded in 30 minute time periods. The total recorded volume showed 14324 vehicles passed through the location with a peak volume of 248 on Apr/15/2009 at [11:30-12:00] and a minimum volume of 0 on Apr/15/2009 at [22:30-23:00]. The AADT count for this study was 2,046.

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 25 - 30 MPH range or lower. The average speed for all classified vehicles was 26 MPH with 15.37% vehicles exceeding the posted speed of 25 MPH. The HI-STAR found 0.31 percent of the total vehicles were traveling in excess of 55 MPH. The mode speed for this traffic study was 25MPH and the 85th percentile was 30.16 MPH.

< to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to >					
0	296	960	4196	5636	1540	280	76	37	20	20	12	9	7	13					

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 Vans & Pickups. The number of Passenger Vehicles in the study was 0 which represents 0 percent of the total classified vehicles. The number of Vans & Pickups in the study was 12787 which represents 98 percent of the total classified vehicles. The number of Busses & Trucks in the study was 0 which represents 0 percent of the total classified vehicles. The number of Tractor Trailers in the study was 315 which represents 0 percent of the total classified vehicles.

< to 22	23 to 39	40 to 99	100 to >																
12787	253	62	0																

CHART 2

HEADWAY

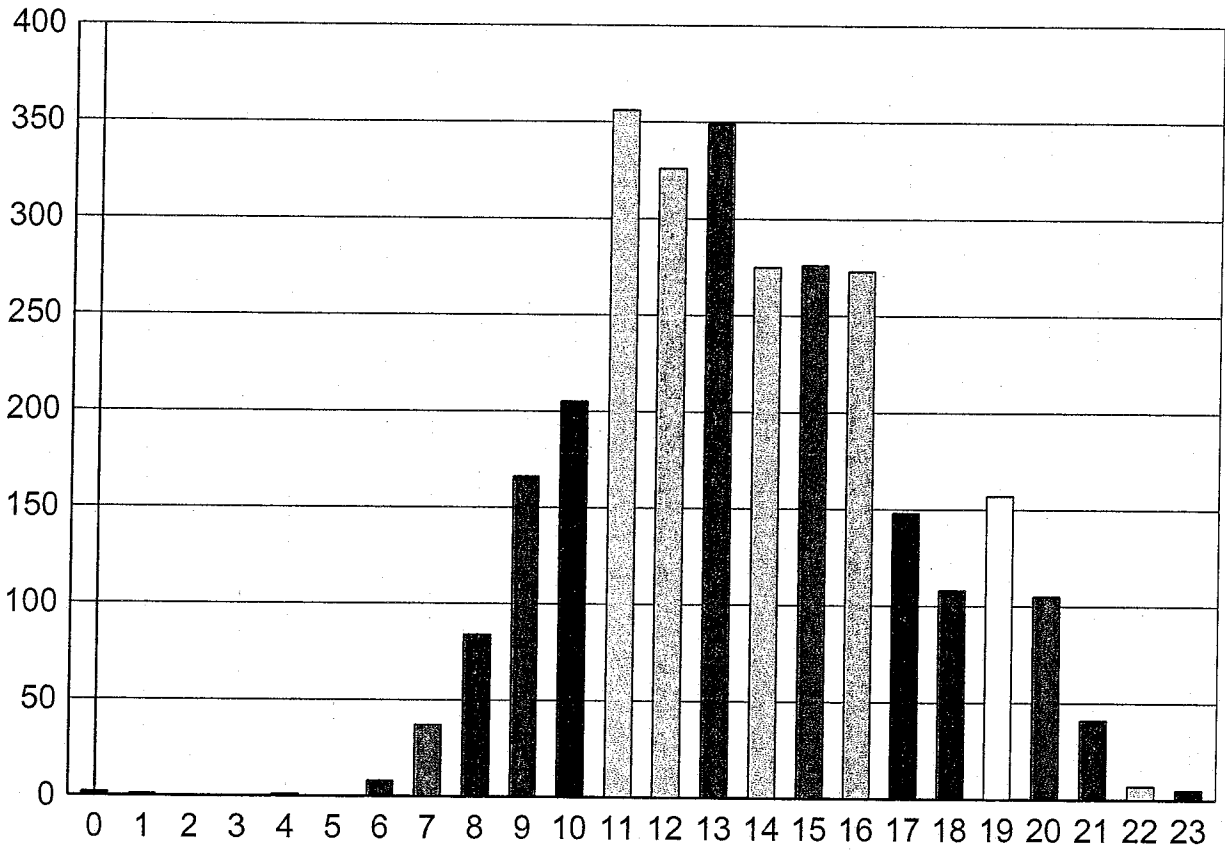
During the peak traffic period, on Apr/15/2009 at [11:30-12:00] the average headway between vehicles was 7.229 seconds. During the slowest traffic period, on Apr/15/2009 at [22:30-23:00] the average headway between vehicles was 1800 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 44.00 and 113.00 degrees F. The HI-STAR determined that the roadway surface was Dry 100.00% of the time.

Time/Volume Graph

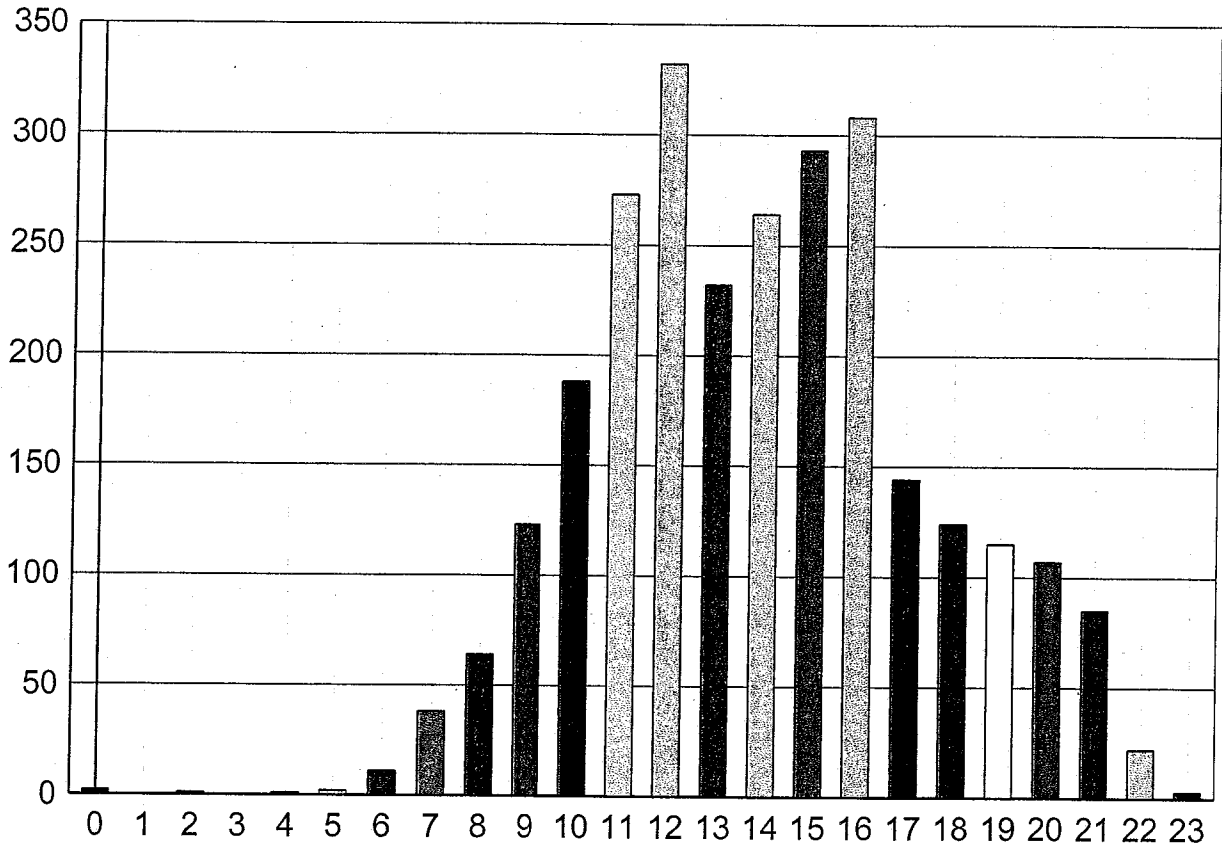
HI-Star ID: 9886 Street: JALC W/ENT @ GRNBRIAR State: IL City: CARTERVILLE County: 100-WILLIAMSON	Begin: Apr/15/2009 12:00:00 AM Lane: WB COMB'D Open: JBH Posted: 25 AADT Factor: 1	End: Apr/22/2009 12:00:00 AM Hours: 168.00 Period: 30 Raw Count: 14324 AADT Count: 2,046
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Wed, Apr/15/2009							
(0) 12:00 - 12:59	2	(6) 06:00 - 06:59	8	(12) 12:00 - 12:59	326	(18) 18:00 - 18:59	108
(1) 01:00 - 01:59	1	(7) 07:00 - 07:59	37	(13) 13:00 - 13:59	349	(19) 19:00 - 19:59	157
(2) 02:00 - 02:59	0	(8) 08:00 - 08:59	84	(14) 14:00 - 14:59	275	(20) 20:00 - 20:59	105
(3) 03:00 - 03:59	0	(9) 09:00 - 09:59	166	(15) 15:00 - 15:59	276	(21) 21:00 - 21:59	41
(4) 04:00 - 04:49	1	(10) 10:00 - 10:59	205	(16) 16:00 - 16:59	273	(22) 22:00 - 22:59	7
(5) 05:00 - 05:59	0	(11) 11:00 - 11:59	356	(17) 17:00 - 17:59	148	(23) 23:00 - 23:59	5

Time/Volume Graph

HI-Star ID: 9886 Street: JALC W/ENT @ GRNBRIAR State: IL City: CARTERVILLE County: 100-WILLIAMSON	Begin: Apr/15/2009 12:00:00 AM Lane: WB COMB'D Oper: JBH Posted: 25 AADT Factor: 1	End: Apr/22/2009 12:00:00 AM Hours: 168.00 Period: 30 Raw Count: 14324 AADT Count: 2,046
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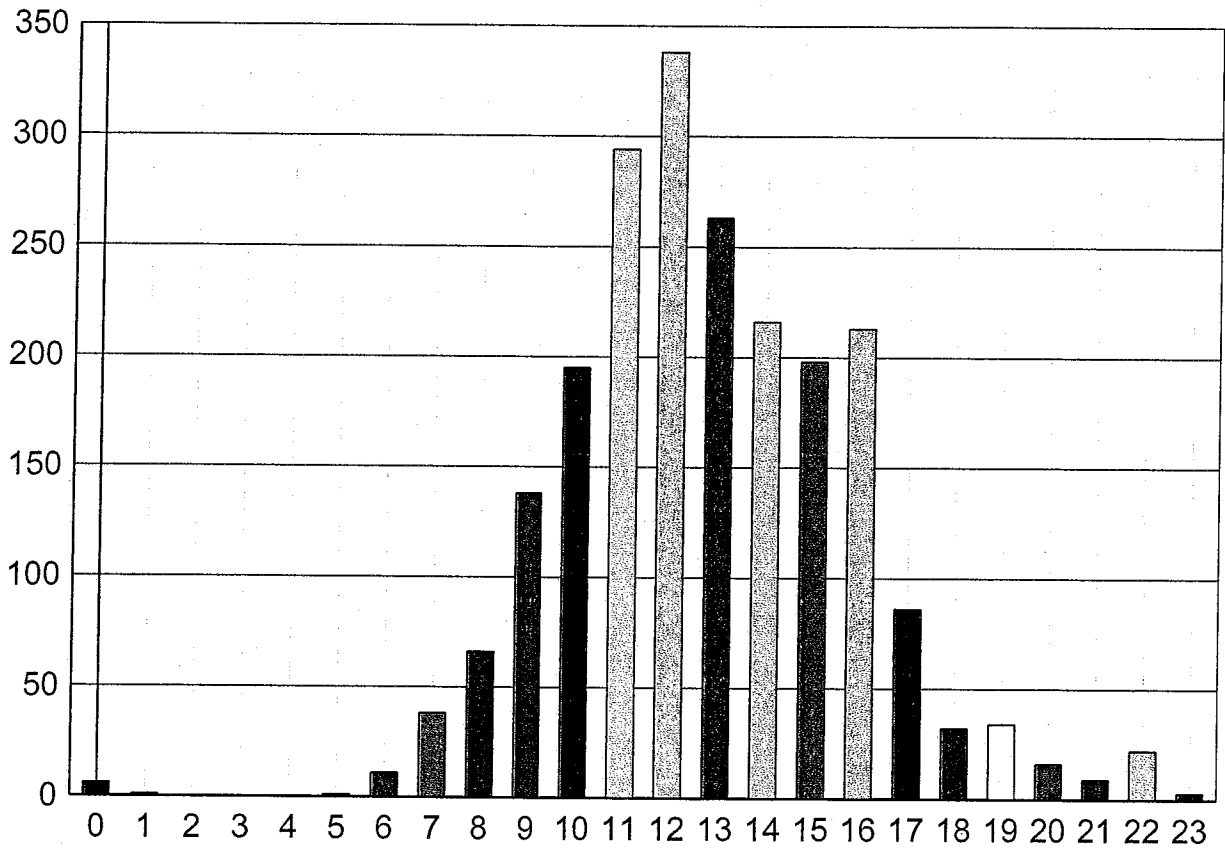


Thu, Apr/16/2009

(0) 12:00 - 12:59	2	(6) 06:00 - 06:59	11	(12) 12:00 - 12:59	332	(18) 18:00 - 18:59	124
(1) 01:00 - 01:59	0	(7) 07:00 - 07:59	38	(13) 13:00 - 13:59	232	(19) 19:00 - 19:59	115
(2) 02:00 - 02:59	1	(8) 08:00 - 08:59	64	(14) 14:00 - 14:59	264	(20) 20:00 - 20:59	107
(3) 03:00 - 03:59	0	(9) 09:00 - 09:59	123	(15) 15:00 - 15:59	293	(21) 21:00 - 21:59	85
(4) 04:00 - 04:49	1	(10) 10:00 - 10:59	188	(16) 16:00 - 16:59	308	(22) 22:00 - 22:59	22
(5) 05:00 - 05:59	2	(11) 11:00 - 11:59	273	(17) 17:00 - 17:59	144	(23) 23:00 - 23:59	3

Time/Volume Graph

HI-Star ID: 9886 Street: JALC W/ENT @ GRNBRIAR State: IL City: CARTERVILLE County: 100-WILLIAMSON	Begin: Apr/15/2009 12:00:00 AM Lane: WB COMB'D Oper: JBH Posted: 25 AADT Factor: 1	End: Apr/22/2009 12:00:00 AM Hours: 168.00 Period: 30 Raw Count: 14324 AADT Count: 2,046
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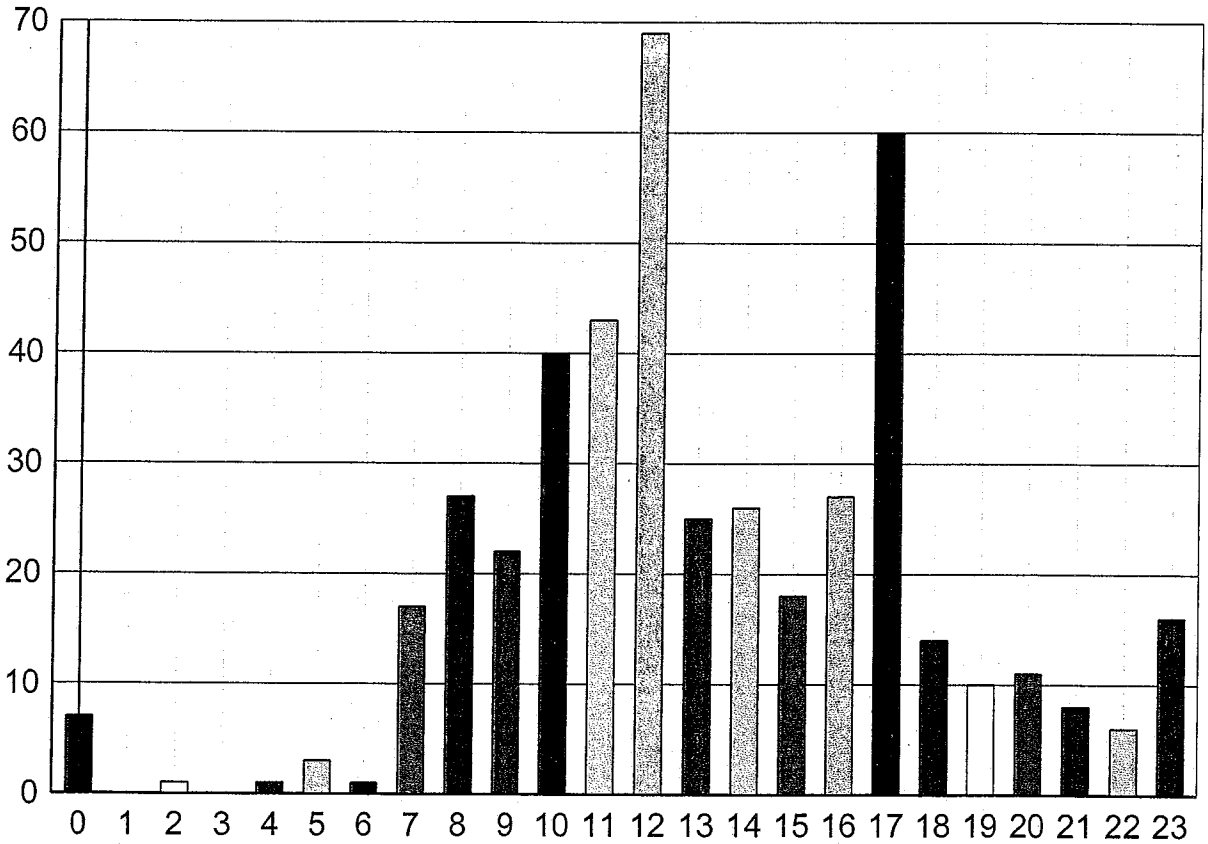


Fri, Apr/17/2009

(0) 12:00 - 12:59	6	(6) 06:00 - 06:59	11	(12) 12:00 - 12:59	338	(18) 18:00 - 18:59	32
(1) 01:00 - 01:59	1	(7) 07:00 - 07:59	38	(13) 13:00 - 13:59	263	(19) 19:00 - 19:59	34
(2) 02:00 - 02:59	0	(8) 08:00 - 08:59	66	(14) 14:00 - 14:59	216	(20) 20:00 - 20:59	16
(3) 03:00 - 03:59	0	(9) 09:00 - 09:59	138	(15) 15:00 - 15:59	198	(21) 21:00 - 21:59	9
(4) 04:00 - 04:49	0	(10) 10:00 - 10:59	195	(16) 16:00 - 16:59	213	(22) 22:00 - 22:59	22
(5) 05:00 - 05:59	1	(11) 11:00 - 11:59	294	(17) 17:00 - 17:59	86	(23) 23:00 - 23:59	3

Time/Volume Graph

HI-Star ID: 9886 Street: JALC W/ENT @ GRNBRIAR State: IL City: CARTERVILLE County: 100-WILLIAMSON	Begin: Apr/15/2009 12:00:00 AM Lane: WB COMB'D Oper: JBH Posted: 25 AADT Factor: 1	End: Apr/22/2009 12:00:00 AM Hours: 168.00 Period: 30 Raw Count: 14324 AADT Count: 2,046
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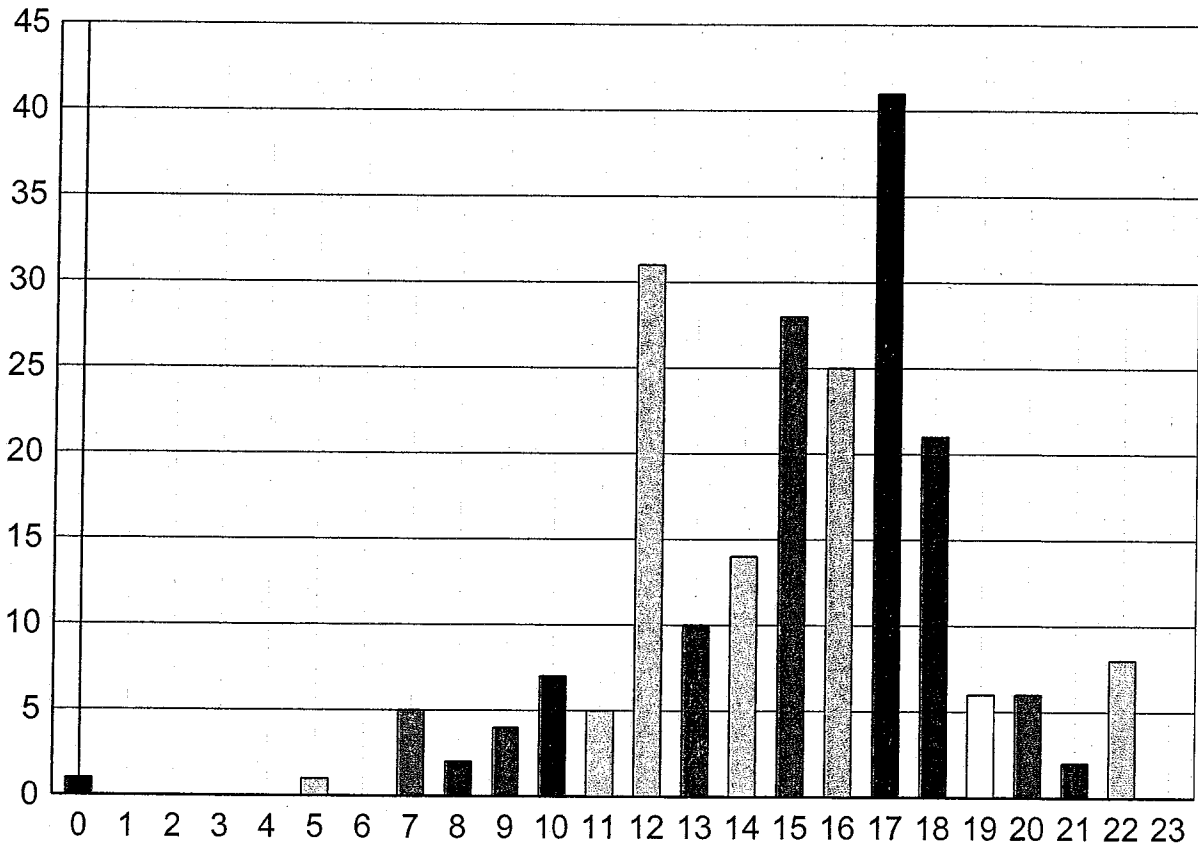


Sat, Apr/18/2009

(0) 12:00 - 12:59	7	(6) 06:00 - 06:59	1	(12) 12:00 - 12:59	69	(18) 18:00 - 18:59	14
(1) 01:00 - 01:59	0	(7) 07:00 - 07:59	17	(13) 13:00 - 13:59	25	(19) 19:00 - 19:59	10
(2) 02:00 - 02:59	1	(8) 08:00 - 08:59	27	(14) 14:00 - 14:59	26	(20) 20:00 - 20:59	11
(3) 03:00 - 03:59	0	(9) 09:00 - 09:59	22	(15) 15:00 - 15:59	18	(21) 21:00 - 21:59	8
(4) 04:00 - 04:49	1	(10) 10:00 - 10:59	40	(16) 16:00 - 16:59	27	(22) 22:00 - 22:59	6
(5) 05:00 - 05:59	3	(11) 11:00 - 11:59	43	(17) 17:00 - 17:59	60	(23) 23:00 - 23:59	16

Time/Volume Graph

HI-Star ID: 9886 Street: JALC W/ENT @ GRNBRIAR State: IL City: CARTERVILLE County: 100-WILLIAMSON	Begin: Apr/15/2009 12:00:00 AM Lane: WB COMB'D Oper: JBH Posted: 25 AADT Factor: 1	End: Apr/22/2009 12:00:00 AM Hours: 168.00 Period: 30 Raw Count: 14324 AADT Count: 2,046
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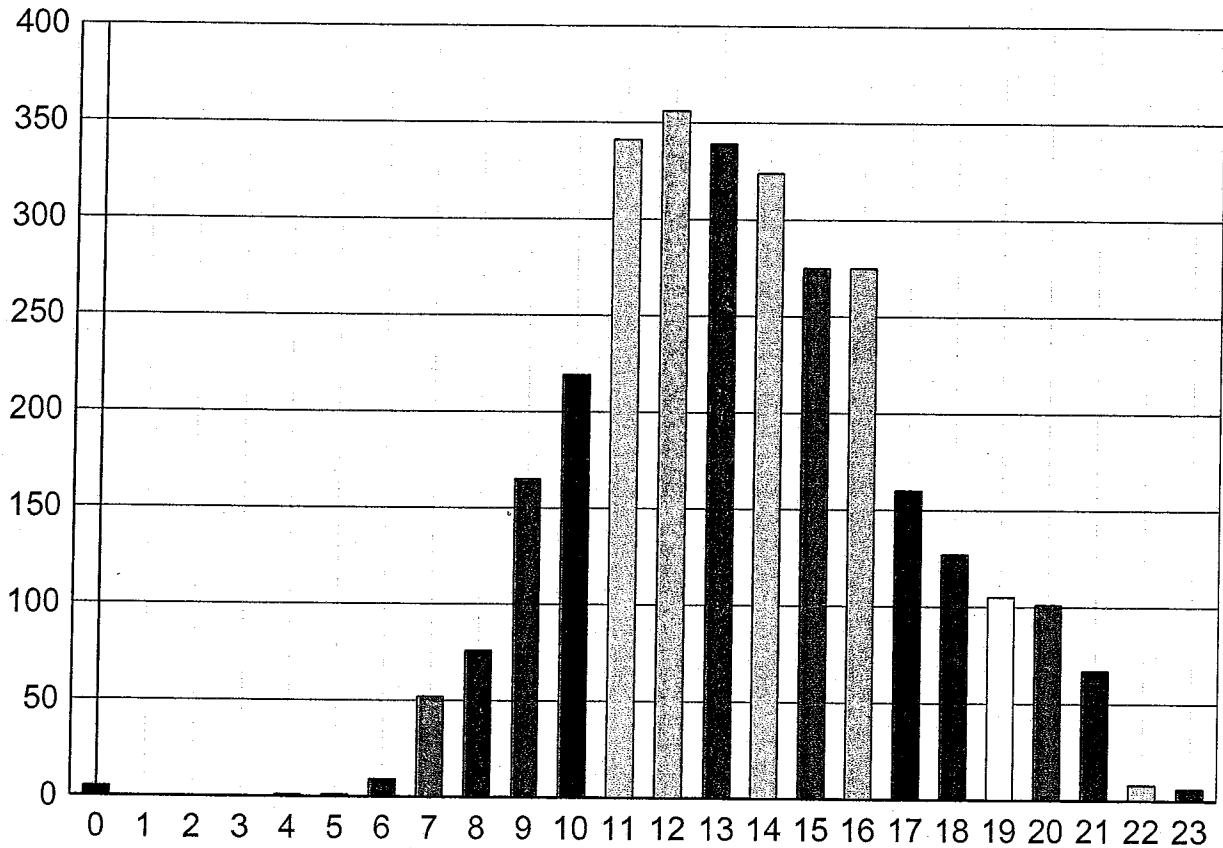
Sun, Apr/19/2009							
(0) 12:00 - 12:59	1	(6) 06:00 - 06:59	0	(12) 12:00 - 12:59	31	(18) 18:00 - 18:59	21
(1) 01:00 - 01:59	0	(7) 07:00 - 07:59	5	(13) 13:00 - 13:59	10	(19) 19:00 - 19:59	6
(2) 02:00 - 02:59	0	(8) 08:00 - 08:59	2	(14) 14:00 - 14:59	14	(20) 20:00 - 20:59	6
(3) 03:00 - 03:59	0	(9) 09:00 - 09:59	4	(15) 15:00 - 15:59	28	(21) 21:00 - 21:59	2
(4) 04:00 - 04:49	0	(10) 10:00 - 10:59	7	(16) 16:00 - 16:59	25	(22) 22:00 - 22:59	8
(5) 05:00 - 05:59	1	(11) 11:00 - 11:59	5	(17) 17:00 - 17:59	41	(23) 23:00 - 23:59	0

Time/Volume Graph

HI-Star ID: 9886
 Street: JALC W/ENT @ GRNBRIAR
 State: IL
 City: CARTERVILLE
 County: 100-WILLIAMSON

Begin: Apr/15/2009 12:00:00 AM
 Lane: WB COMB'D
 Oper: JBH
 Posted: 25
 AADT Factor: 1

End: Apr/22/2009 12:00:00 AM
 Hours: 168.00
 Period: 30
 Raw Count: 14324
 AADT Count: 2,046

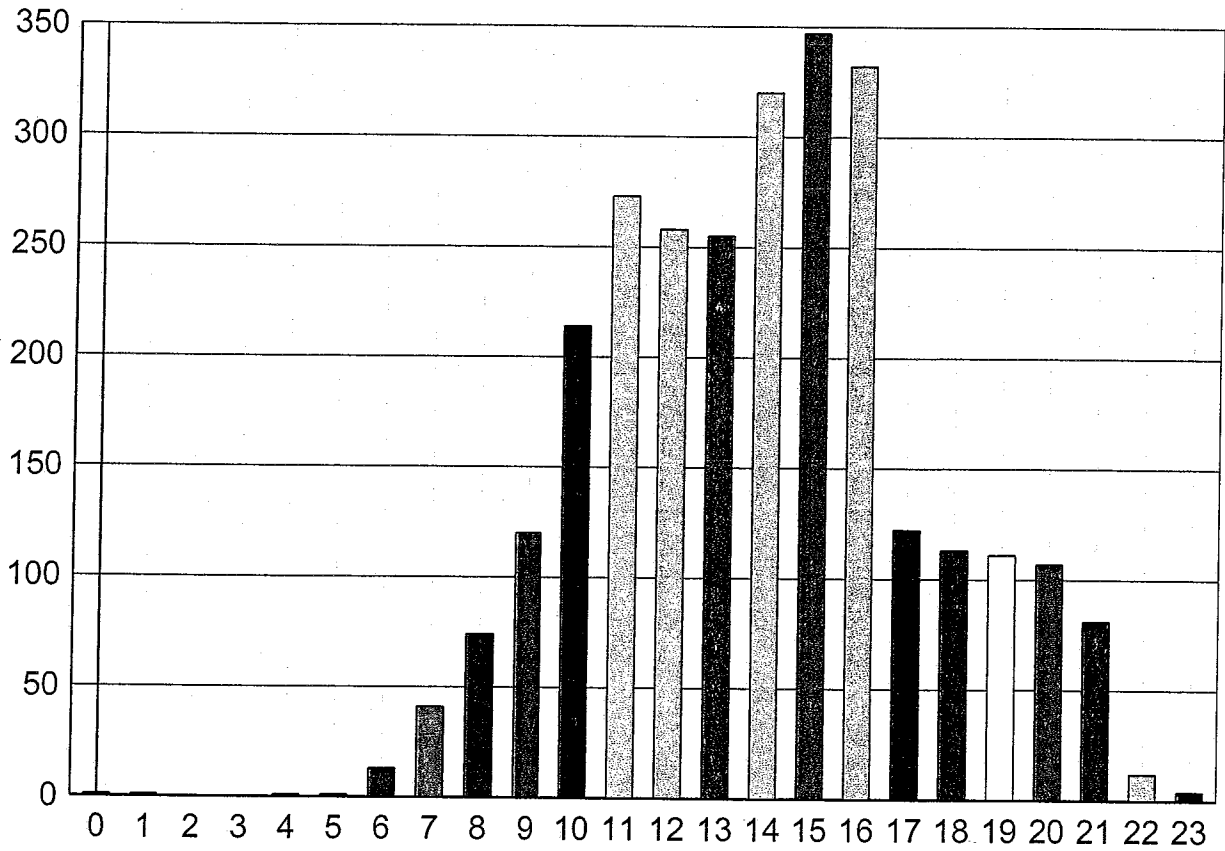


Mon, Apr/20/2009

(0) 12:00 - 12:59	5	(6) 06:00 - 06:59	9	(12) 12:00 - 12:59	356	(18) 18:00 - 18:59	127
(1) 01:00 - 01:59	0	(7) 07:00 - 07:59	52	(13) 13:00 - 13:59	339	(19) 19:00 - 19:59	105
(2) 02:00 - 02:59	0	(8) 08:00 - 08:59	76	(14) 14:00 - 14:59	324	(20) 20:00 - 20:59	101
(3) 03:00 - 03:59	0	(9) 09:00 - 09:59	165	(15) 15:00 - 15:59	275	(21) 21:00 - 21:59	67
(4) 04:00 - 04:49	1	(10) 10:00 - 10:59	219	(16) 16:00 - 16:59	275	(22) 22:00 - 22:59	8
(5) 05:00 - 05:59	1	(11) 11:00 - 11:59	341	(17) 17:00 - 17:59	160	(23) 23:00 - 23:59	6

Time/Volume Graph

HI-Star ID: 9886 Street: JALC W/ENT @ GRNBRIAR State: IL City: CARTERVILLE County: 100-WILLIAMSON	Begin: Apr/15/2009 12:00:00 AM Lane: WB COMB'D Oper: JBH Posted: 25 AADT Factor: 1	End: Apr/22/2009 12:00:00 AM Hours: 168.00 Period: 30 Raw Count: 14324 AADT Count: 2,046
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Tue, Apr/21/2009

(0) 12:00 - 12:59	1	(6) 06:00 - 06:59	13	(12) 12:00 - 12:59	258	(18) 18:00 - 18:59	113
(1) 01:00 - 01:59	1	(7) 07:00 - 07:59	41	(13) 13:00 - 13:59	255	(19) 19:00 - 19:59	111
(2) 02:00 - 02:59	0	(8) 08:00 - 08:59	74	(14) 14:00 - 14:59	320	(20) 20:00 - 20:59	107
(3) 03:00 - 03:59	0	(9) 09:00 - 09:59	120	(15) 15:00 - 15:59	347	(21) 21:00 - 21:59	81
(4) 04:00 - 04:49	1	(10) 10:00 - 10:59	214	(16) 16:00 - 16:59	332	(22) 22:00 - 22:59	12
(5) 05:00 - 05:59	1	(11) 11:00 - 11:59	273	(17) 17:00 - 17:59	122	(23) 23:00 - 23:59	4