

**Nu-Metrics Traffic Analyzer Study
Computer Generated Summary Report
City: CARTERVILLE
Street: JALC RD**

A study of vehicle traffic was conducted with HI-STAR unit number 9333. The study was done in the JALC RD COMB'D lane at JALC RD 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 19690 vehicles passed through the location with a peak volume of 332 on Apr/20/2009 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 2,813.

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 28 MPH with 24.13% vehicles exceeding the posted speed of 25 MPH. The HI-STAR found 0.28 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 32.43 MPH.

<	10	15	20	25	30	35	40	45	50	55	60	65	70	75					
to	to	to	to	to	to	to	to	to	to	to	to	to	to	to					
9	14	19	24	29	34	39	44	49	54	59	64	69	74	>					
0	136	677	4338	8799	3452	594	173	89	48	29	8	15	10	18					

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 17851 which represents 97 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 535 which represents 0 percent of the total classified vehicles.

<	23	40	100																
to	to	to	to																
22	39	99	>																
17851	391	143	1																

CHART 2

HEADWAY

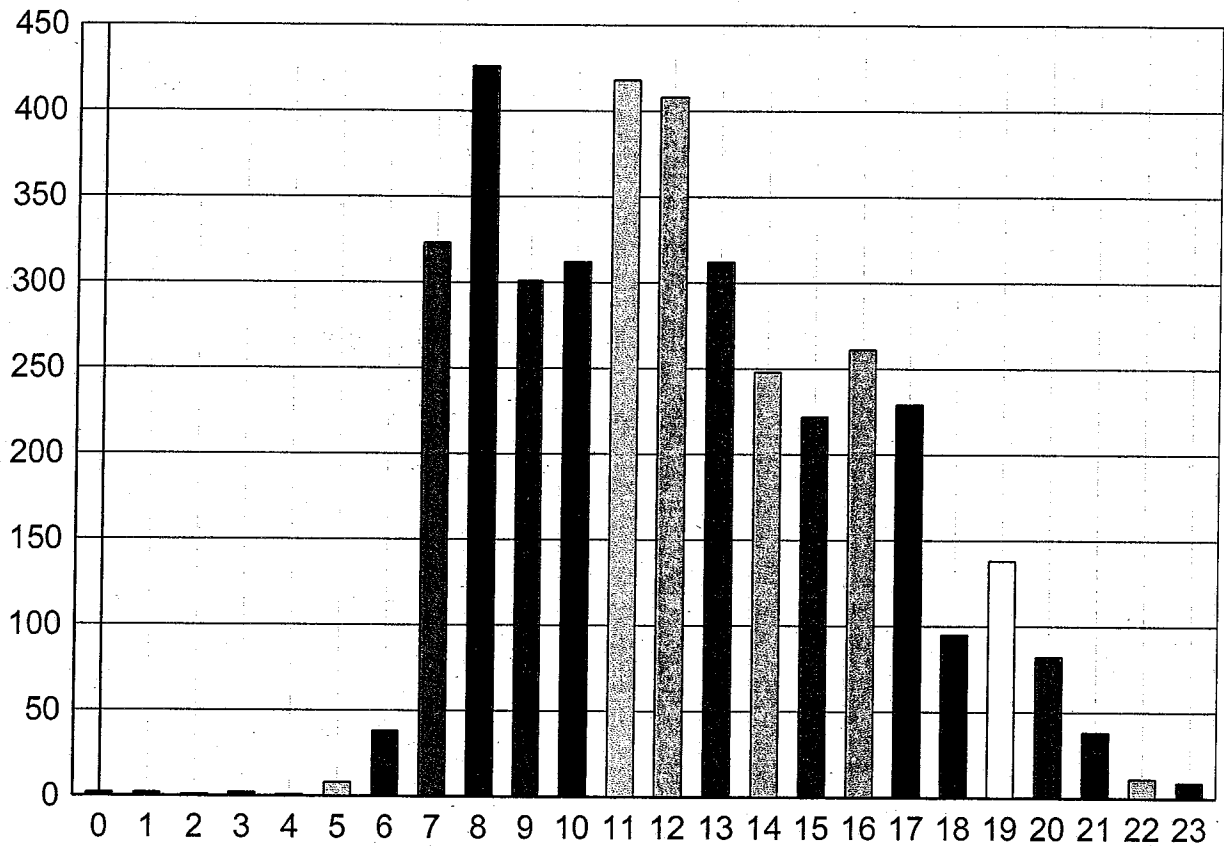
During the peak traffic period, on Apr/20/2009 at [11:30-12:00] the average headway between vehicles was 5.405 seconds. During the slowest traffic period, on Apr/15/2009 at [22:30-23:00] the average headway between vehicles was 1800 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 44.00 and 109.00 degrees F. The HI-STAR determined that the roadway surface was Dry 100.00% of the time.

Time/Volume Graph

HI-Star ID: 9333 Street: JALC RD State: IL City: CARTERVILLE County: 100-WILLIAMSON	Begin: Apr/15/2009 12:00:00 AM Lane: JALC RD COMB'D Oper: JBH Posted: 25 AADT Factor: 1	End: Apr/22/2009 12:00:00 AM Hours: 168.00 Period: 30 Raw Count: 19690 AADT Count: 2,813
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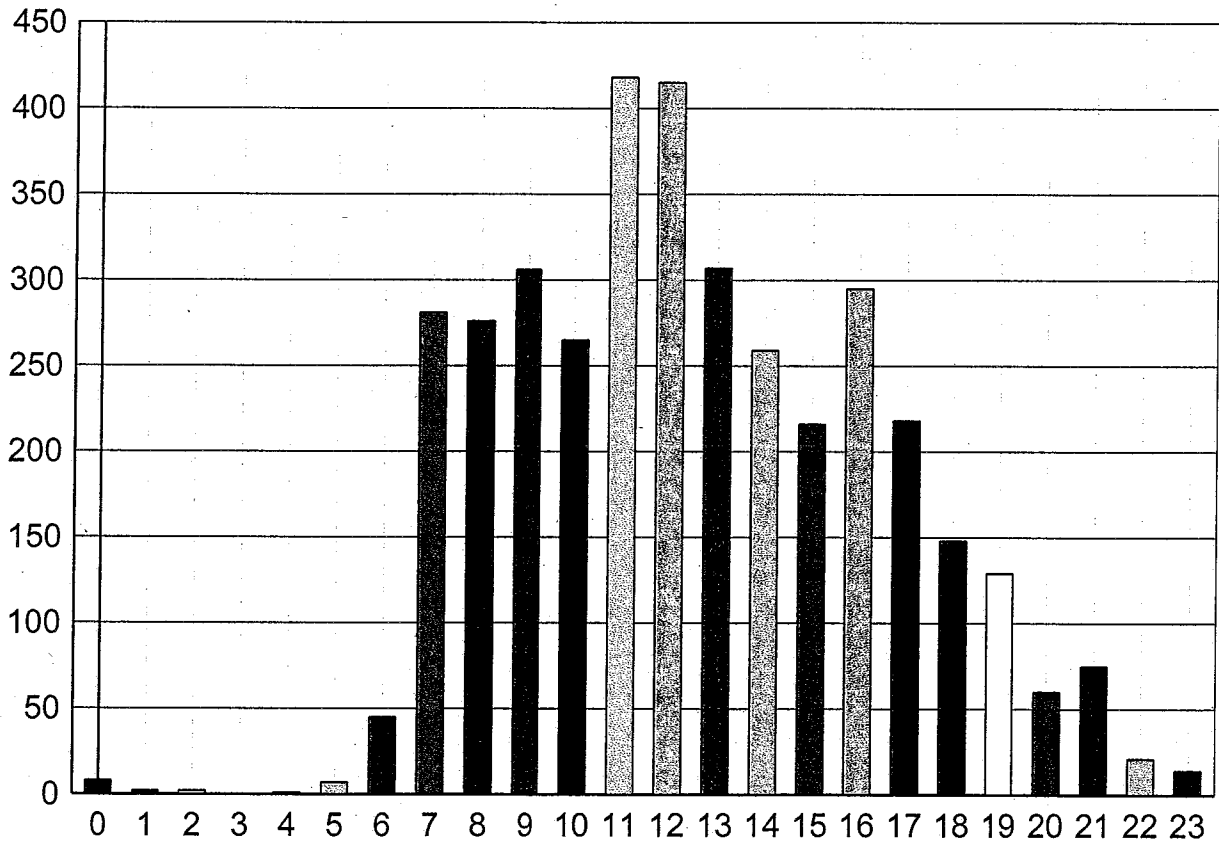


Wed, Apr/15/2009

(0) 12:00 - 12:59	2	(6) 06:00 - 06:59	38	(12) 12:00 - 12:59	408	(18) 18:00 - 18:59	95
(1) 01:00 - 01:59	2	(7) 07:00 - 07:59	323	(13) 13:00 - 13:59	312	(19) 19:00 - 19:59	138
(2) 02:00 - 02:59	1	(8) 08:00 - 08:59	426	(14) 14:00 - 14:59	248	(20) 20:00 - 20:59	82
(3) 03:00 - 03:59	2	(9) 09:00 - 09:59	301	(15) 15:00 - 15:59	222	(21) 21:00 - 21:59	38
(4) 04:00 - 04:49	1	(10) 10:00 - 10:59	312	(16) 16:00 - 16:59	261	(22) 22:00 - 22:59	11
(5) 05:00 - 05:59	8	(11) 11:00 - 11:59	418	(17) 17:00 - 17:59	229	(23) 23:00 - 23:59	9

Time/Volume Graph

HI-Star ID: 9333 Street: JALC RD State: IL City: CARTERVILLE County: 100-WILLIAMSON	Begin: Apr/15/2009 12:00:00 AM Lane: JALC RD COMB'D Oper: JBH Posted: 25 AADT Factor: 1	End: Apr/22/2009 12:00:00 AM Hours: 168.00 Period: 30 Raw Count: 19690 AADT Count: 2,813
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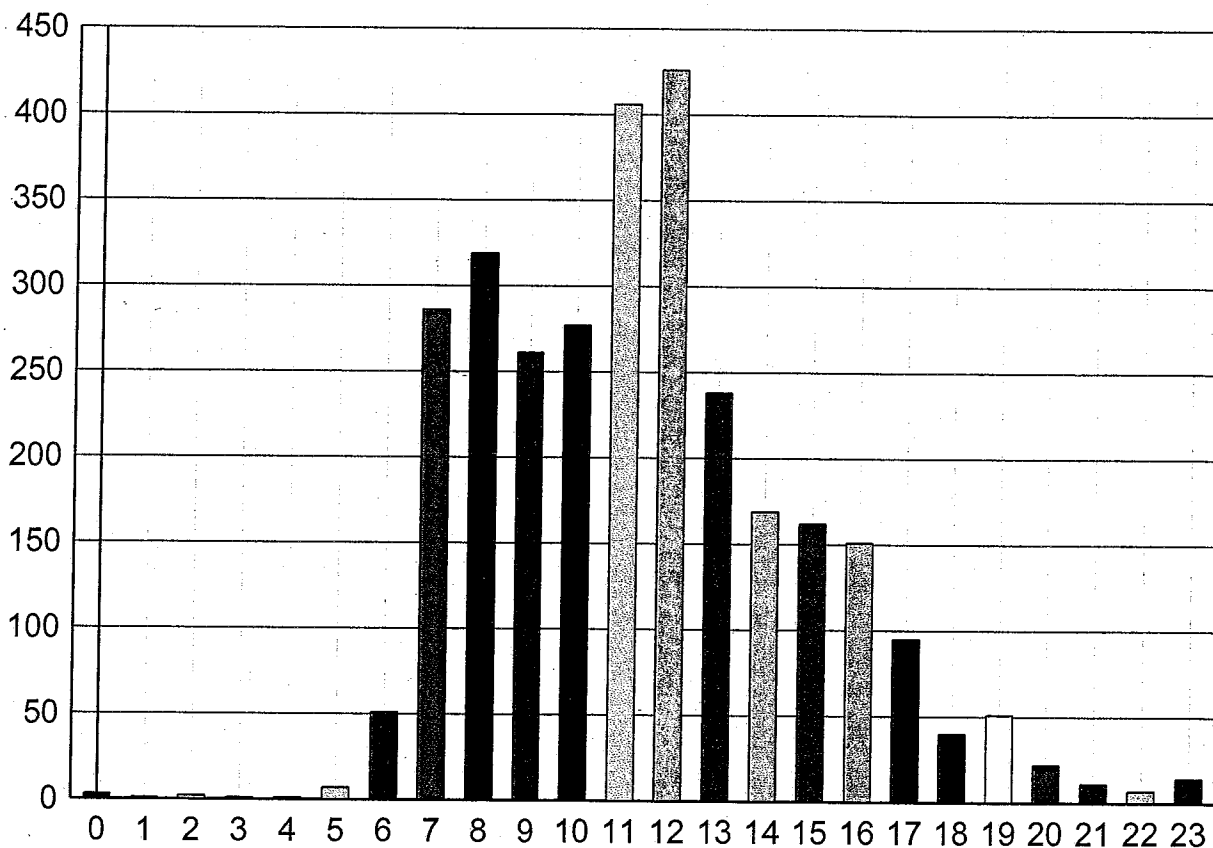


Thu, Apr/16/2009

(0) 12:00 - 12:59	8	(6) 06:00 - 06:59	45	(12) 12:00 - 12:59	415	(18) 18:00 - 18:59	148
(1) 01:00 - 01:59	2	(7) 07:00 - 07:59	281	(13) 13:00 - 13:59	307	(19) 19:00 - 19:59	129
(2) 02:00 - 02:59	2	(8) 08:00 - 08:59	276	(14) 14:00 - 14:59	259	(20) 20:00 - 20:59	60
(3) 03:00 - 03:59	0	(9) 09:00 - 09:59	306	(15) 15:00 - 15:59	216	(21) 21:00 - 21:59	75
(4) 04:00 - 04:49	1	(10) 10:00 - 10:59	265	(16) 16:00 - 16:59	295	(22) 22:00 - 22:59	21
(5) 05:00 - 05:59	7	(11) 11:00 - 11:59	418	(17) 17:00 - 17:59	218	(23) 23:00 - 23:59	14

Time/Volume Graph

HI-Star ID: 9333 Street: JALC RD State: IL City: CARTERVILLE County: 100-WILLIAMSON	Begin: Apr/15/2009 12:00:00 AM Lane: JALC RD COMB'D Oper: JBH Posted: 25 AADT Factor: 1	End: Apr/22/2009 12:00:00 AM Hours: 168.00 Period: 30 Raw Count: 19690 AADT Count: 2,813
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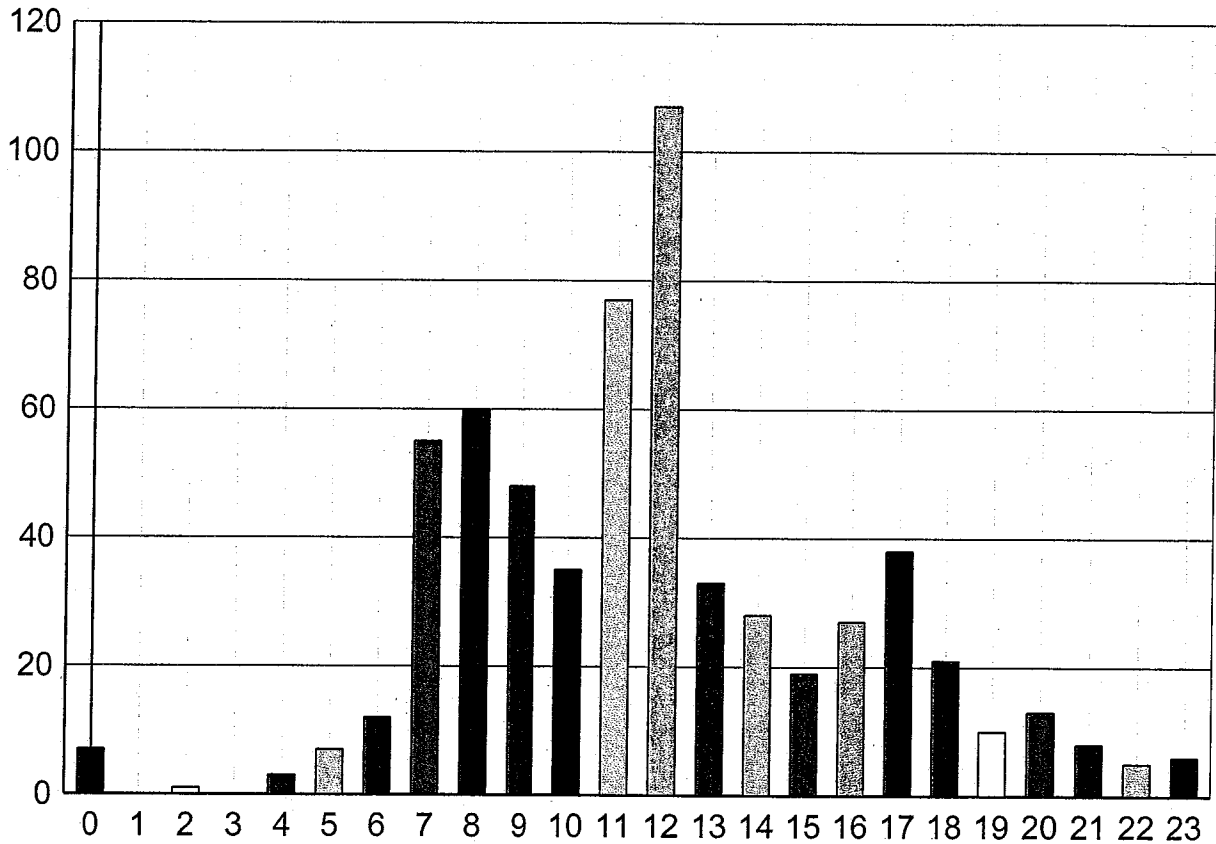


Fri, Apr/17/2009

(0) 12:00 - 12:59	3	(6) 06:00 - 06:59	51	(12) 12:00 - 12:59	426	(18) 18:00 - 18:59	40
(1) 01:00 - 01:59	1	(7) 07:00 - 07:59	286	(13) 13:00 - 13:59	238	(19) 19:00 - 19:59	51
(2) 02:00 - 02:59	2	(8) 08:00 - 08:59	319	(14) 14:00 - 14:59	169	(20) 20:00 - 20:59	22
(3) 03:00 - 03:59	1	(9) 09:00 - 09:59	261	(15) 15:00 - 15:59	162	(21) 21:00 - 21:59	11
(4) 04:00 - 04:49	1	(10) 10:00 - 10:59	277	(16) 16:00 - 16:59	151	(22) 22:00 - 22:59	7
(5) 05:00 - 05:59	7	(11) 11:00 - 11:59	406	(17) 17:00 - 17:59	95	(23) 23:00 - 23:59	14

Time/Volume Graph

HI-Star ID: 9333 Street: JALC RD State: IL City: CARTERVILLE County: 100-WILLIAMSON	Begin: Apr/15/2009 12:00:00 AM Lane: JALC RD COMB'D Oper: JBH Posted: 25 AADT Factor: 1	End: Apr/22/2009 12:00:00 AM Hours: 168.00 Period: 30 Raw Count: 19690 AADT Count: 2,813
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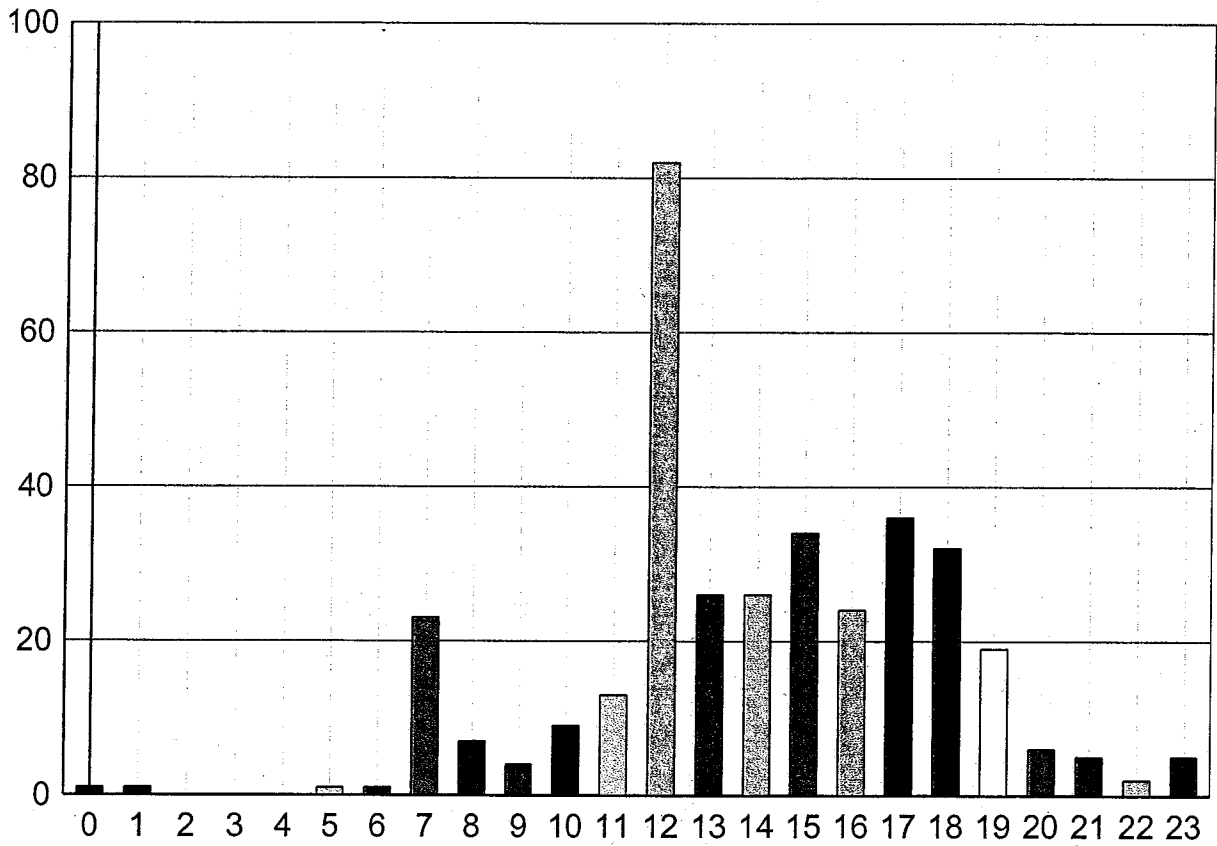


Sat, Apr/18/2009

(0) 12:00 - 12:59	7	(6) 06:00 - 06:59	12	(12) 12:00 - 12:59	107	(18) 18:00 - 18:59	21
(1) 01:00 - 01:59	0	(7) 07:00 - 07:59	55	(13) 13:00 - 13:59	33	(19) 19:00 - 19:59	10
(2) 02:00 - 02:59	1	(8) 08:00 - 08:59	60	(14) 14:00 - 14:59	28	(20) 20:00 - 20:59	13
(3) 03:00 - 03:59	0	(9) 09:00 - 09:59	48	(15) 15:00 - 15:59	19	(21) 21:00 - 21:59	8
(4) 04:00 - 04:49	3	(10) 10:00 - 10:59	35	(16) 16:00 - 16:59	27	(22) 22:00 - 22:59	5
(5) 05:00 - 05:59	7	(11) 11:00 - 11:59	77	(17) 17:00 - 17:59	38	(23) 23:00 - 23:59	6

Time/Volume Graph

HI-Star ID: 9333 Street: JALC RD State: IL City: CARTERVILLE County: 100-WILLIAMSON	Begin: Apr/15/2009 12:00:00 AM Lane: JALC RD COMB'D Oper: JBH Posted: 25 AADT Factor: 1	End: Apr/22/2009 12:00:00 AM Hours: 168.00 Period: 30 Raw Count: 19690 AADT Count: 2,813
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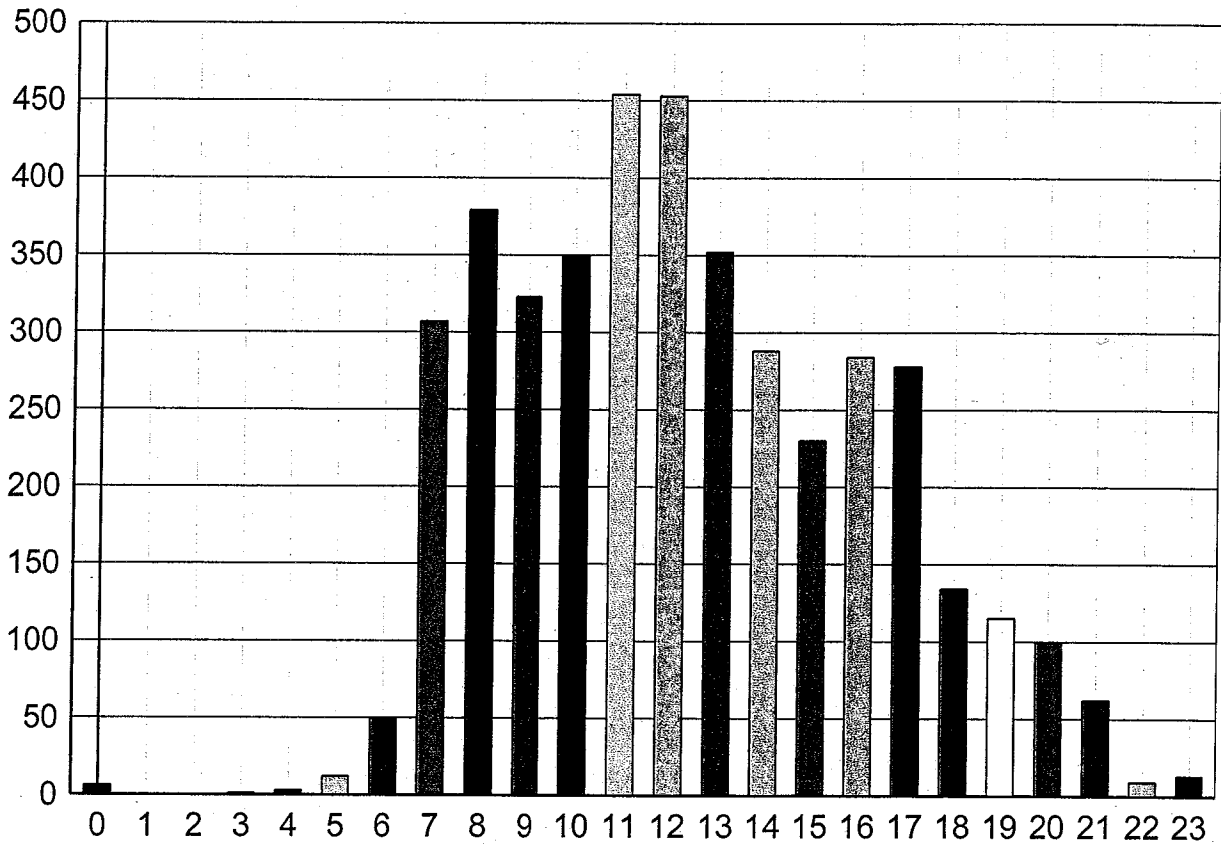


Sun, Apr/19/2009

(0) 12:00 - 12:59	1	(6) 06:00 - 06:59	1	(12) 12:00 - 12:59	82	(18) 18:00 - 18:59	32
(1) 01:00 - 01:59	1	(7) 07:00 - 07:59	23	(13) 13:00 - 13:59	26	(19) 19:00 - 19:59	19
(2) 02:00 - 02:59	0	(8) 08:00 - 08:59	7	(14) 14:00 - 14:59	26	(20) 20:00 - 20:59	6
(3) 03:00 - 03:59	0	(9) 09:00 - 09:59	4	(15) 15:00 - 15:59	34	(21) 21:00 - 21:59	5
(4) 04:00 - 04:49	0	(10) 10:00 - 10:59	9	(16) 16:00 - 16:59	24	(22) 22:00 - 22:59	2
(5) 05:00 - 05:59	1	(11) 11:00 - 11:59	13	(17) 17:00 - 17:59	36	(23) 23:00 - 23:59	5

Time/Volume Graph

HI-Star ID: 9333 Street: JALC RD State: IL City: CARTERVILLE County: 100-WILLIAMSON	Begin: Apr/15/2009 12:00:00 AM Lane: JALC RD COMB'D Oper: JBH Posted: 25 AADT Factor: 1	End: Apr/22/2009 12:00:00 AM Hours: 168.00 Period: 30 Raw Count: 19690 AADT Count: 2,813
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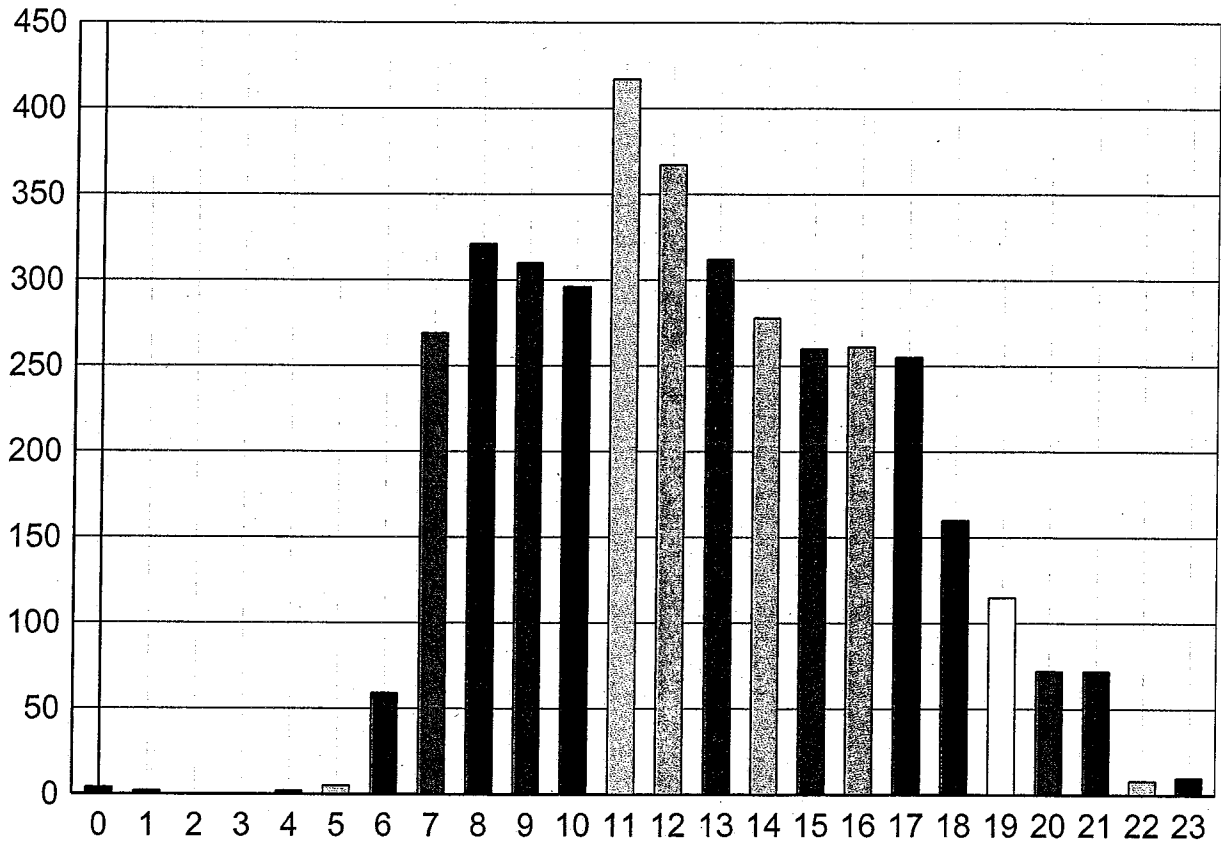


Mon, Apr/20/2009

(0) 12:00 - 12:59	6	(6) 06:00 - 06:59	50	(12) 12:00 - 12:59	453	(18) 18:00 - 18:59	134
(1) 01:00 - 01:59	0	(7) 07:00 - 07:59	307	(13) 13:00 - 13:59	352	(19) 19:00 - 19:59	115
(2) 02:00 - 02:59	0	(8) 08:00 - 08:59	379	(14) 14:00 - 14:59	288	(20) 20:00 - 20:59	99
(3) 03:00 - 03:59	1	(9) 09:00 - 09:59	323	(15) 15:00 - 15:59	230	(21) 21:00 - 21:59	62
(4) 04:00 - 04:49	3	(10) 10:00 - 10:59	350	(16) 16:00 - 16:59	284	(22) 22:00 - 22:59	9
(5) 05:00 - 05:59	12	(11) 11:00 - 11:59	454	(17) 17:00 - 17:59	278	(23) 23:00 - 23:59	13

Time/Volume Graph

HI-Star ID: 9333 Street: JALC RD State: IL City: CARTERVILLE County: 100-WILLIAMSON	Begin: Apr/15/2009 12:00:00 AM Lane: JALC RD COMB'D Oper: JBH Posted: 25 AADT Factor: 1	End: Apr/22/2009 12:00:00 AM Hours: 168.00 Period: 30 Raw Count: 19690 AADT Count: 2,813
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Tue, Apr/21/2009

(0) 12:00 - 12:59	4	(6) 06:00 - 06:59	59	(12) 12:00 - 12:59	367	(18) 18:00 - 18:59	160
(1) 01:00 - 01:59	2	(7) 07:00 - 07:59	269	(13) 13:00 - 13:59	312	(19) 19:00 - 19:59	115
(2) 02:00 - 02:59	0	(8) 08:00 - 08:59	321	(14) 14:00 - 14:59	278	(20) 20:00 - 20:59	72
(3) 03:00 - 03:59	0	(9) 09:00 - 09:59	310	(15) 15:00 - 15:59	260	(21) 21:00 - 21:59	72
(4) 04:00 - 04:49	2	(10) 10:00 - 10:59	296	(16) 16:00 - 16:59	261	(22) 22:00 - 22:59	8
(5) 05:00 - 05:59	5	(11) 11:00 - 11:59	417	(17) 17:00 - 17:59	255	(23) 23:00 - 23:59	10