

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

A study of vehicle traffic was conducted with HI-STAR unit number 7536. The study was done in the BACK LOT COMB'D lane at JALC BACK LOT 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 11851 vehicles passed through the location with a peak volume of 217 on Apr/20/2009 at [07:30-08:00] and a minimum volume of 0 on Apr/15/2009 at [22:00-22:30]. The AADT count for this study was 1,693.

SPEED

AVERAGE DAILY TRAFFIC

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 30 MPH with 46.68% vehicles exceeding the posted speed of 25 MPH. The HI-STAR found 0.33 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 34.55 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	79	230	1260	4369	3880	982	193	56	32	19	5	3	10	19					

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 10891 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 246 which represents 0 percent of the total classified vehicles.

< to 22	23 to 39	40 to 99	100 to >																
10891	199	47	0																

CHART 2

HEADWAY

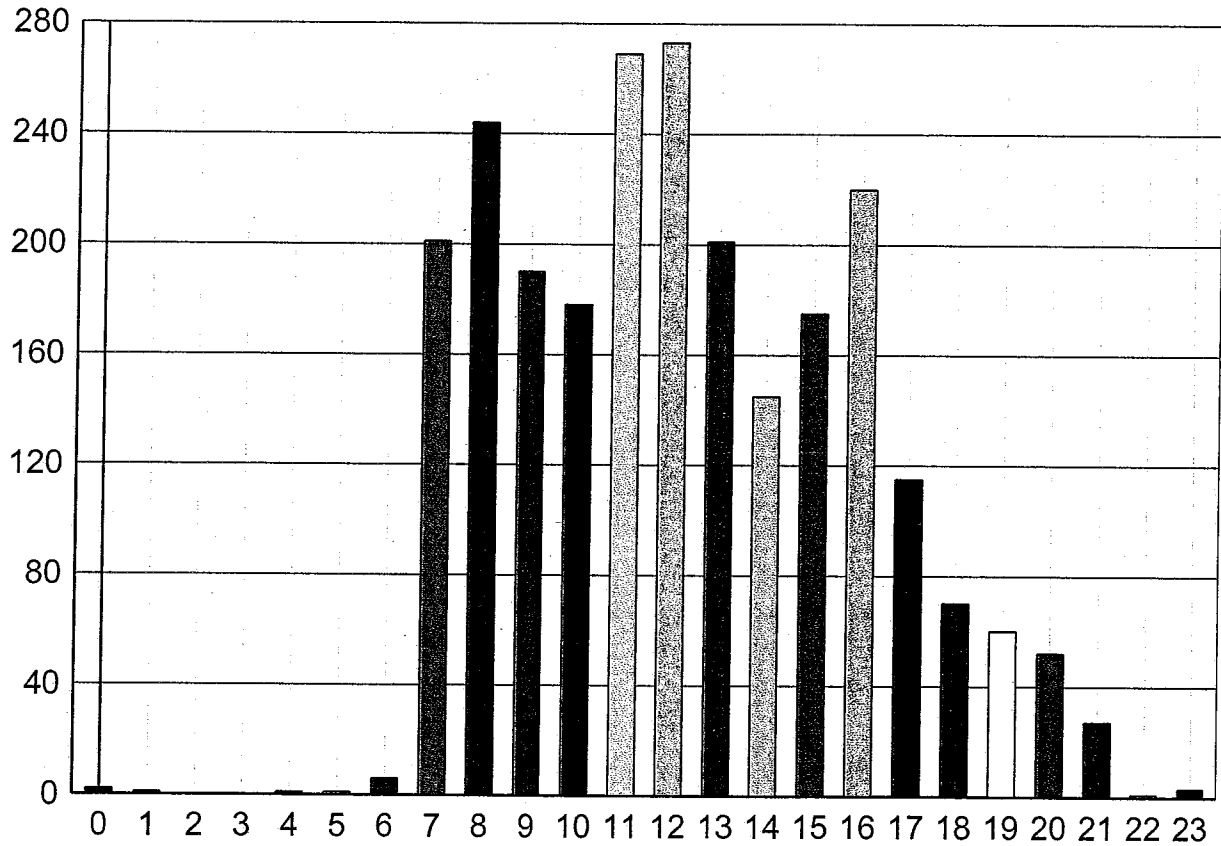
During the peak traffic period, on Apr/20/2009 at [07:30-08:00] the average headway between vehicles was 8.257 seconds. During the slowest traffic period, on Apr/15/2009 at [22:00-22:30] the average headway between vehicles was 1800 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 44.00 and 117.00 degrees F. The HI-STAR determined that the roadway surface was Dry 100.00% of the time.

Time/Volume Graph

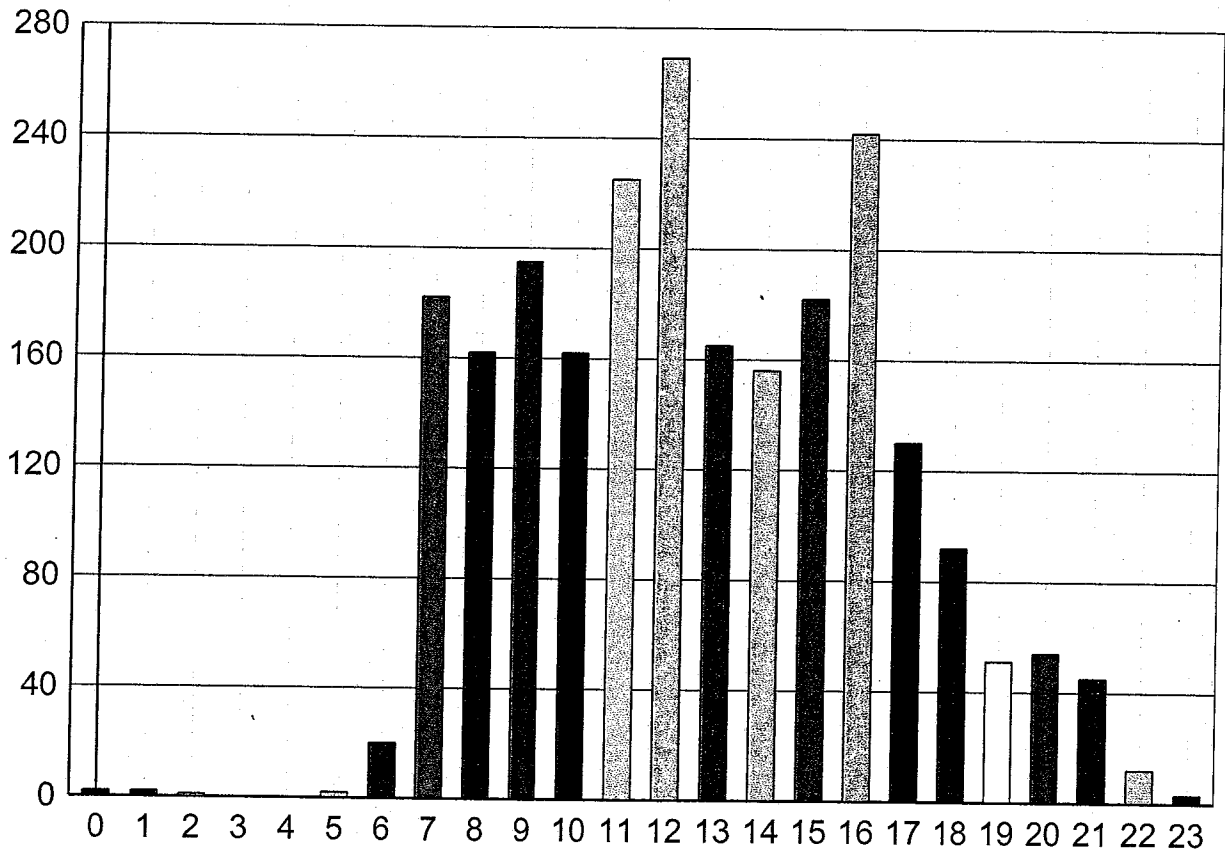
HI-Star ID: 7536 Street: JALC BACK LOT State: IL City: CARTERVILLE County: 100-WILLIAMSON	Begin: Apr/15/2009 12:00:00 AM Lane: BACK LOT COMB'D Oper: JBH Posted: 25 AADT Factor: 1	End: Apr/22/2009 12:00:00 AM Hours: 168.00 Period: 30 Raw Count: 11851 AADT Count: 1,693
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Wed, Apr/15/2009							
(0) 12:00 - 12:59	2	(6) 06:00 - 06:59	6	(12) 12:00 - 12:59	273	(18) 18:00 - 18:59	70
(1) 01:00 - 01:59	1	(7) 07:00 - 07:59	201	(13) 13:00 - 13:59	201	(19) 19:00 - 19:59	60
(2) 02:00 - 02:59	0	(8) 08:00 - 08:59	244	(14) 14:00 - 14:59	145	(20) 20:00 - 20:59	52
(3) 03:00 - 03:59	0	(9) 09:00 - 09:59	190	(15) 15:00 - 15:59	175	(21) 21:00 - 21:59	27
(4) 04:00 - 04:49	1	(10) 10:00 - 10:59	178	(16) 16:00 - 16:59	220	(22) 22:00 - 22:59	1
(5) 05:00 - 05:59	1	(11) 11:00 - 11:59	269	(17) 17:00 - 17:59	115	(23) 23:00 - 23:59	3

Time/Volume Graph

HI-Star ID: 7536 Street: JALC BACK LOT State: IL City: CARTERVILLE County: 100-WILLIAMSON	Begin: Apr/15/2009 12:00:00 AM Lane: BACK LOT COMB'D Oper: JBH Posted: 25 AADT Factor: 1	End: Apr/22/2009 12:00:00 AM Hours: 168.00 Period: 30 Raw Count: 11851 AADT Count: 1,693
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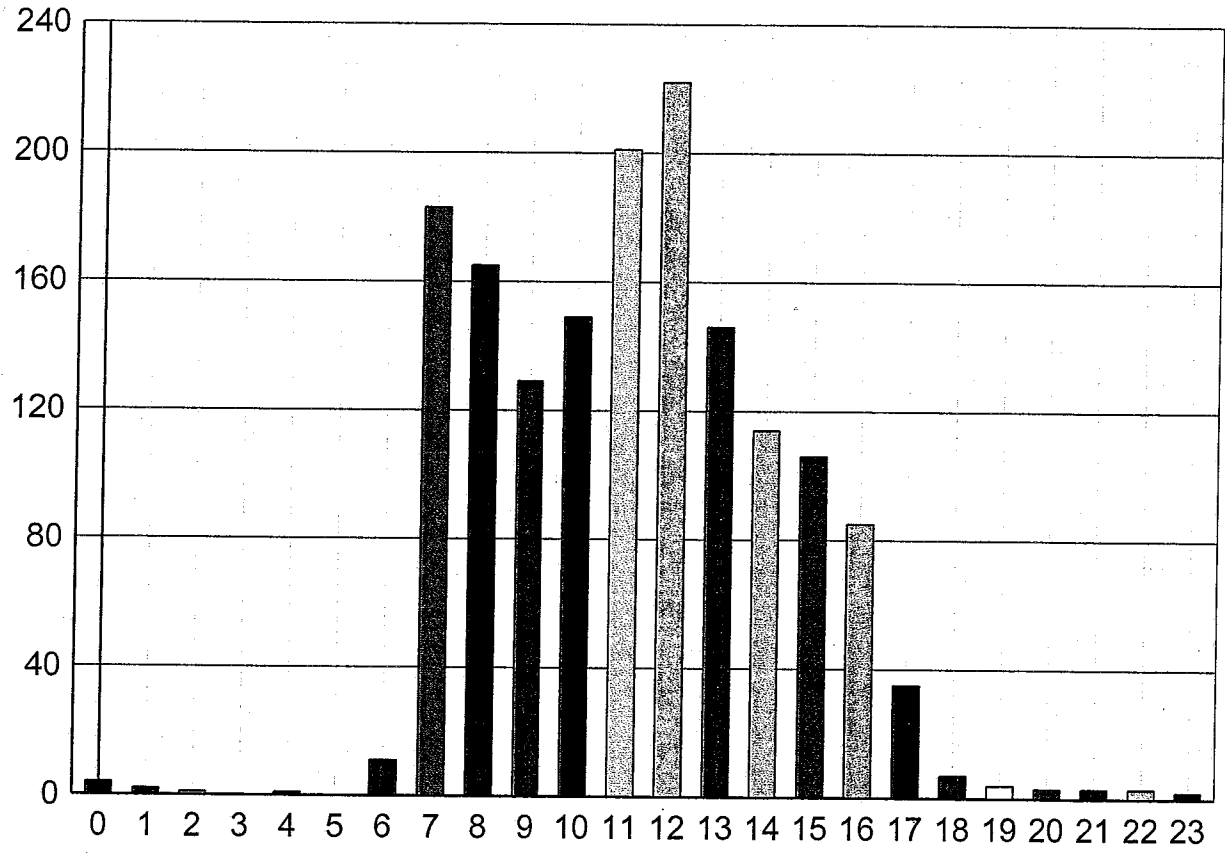


Thu, Apr/16/2009

(0) 12:00 - 12:59	2	(6) 06:00 - 06:59	20	(12) 12:00 - 12:59	269	(18) 18:00 - 18:59	92
(1) 01:00 - 01:59	2	(7) 07:00 - 07:59	182	(13) 13:00 - 13:59	165	(19) 19:00 - 19:59	51
(2) 02:00 - 02:59	1	(8) 08:00 - 08:59	162	(14) 14:00 - 14:59	156	(20) 20:00 - 20:59	54
(3) 03:00 - 03:59	0	(9) 09:00 - 09:59	195	(15) 15:00 - 15:59	182	(21) 21:00 - 21:59	45
(4) 04:00 - 04:49	0	(10) 10:00 - 10:59	162	(16) 16:00 - 16:59	242	(22) 22:00 - 22:59	12
(5) 05:00 - 05:59	2	(11) 11:00 - 11:59	225	(17) 17:00 - 17:59	130	(23) 23:00 - 23:59	3

Time/Volume Graph

HI-Star ID: 7536 Street: JALC BACK LOT State: IL City: CARTERVILLE County: 100-WILLIAMSON	Begin: Apr/15/2009 12:00:00 AM Lane: BACK LOT COMB'D Oper: JBH Posted: 25 AADT Factor: 1	End: Apr/22/2009 12:00:00 AM Hours: 168.00 Period: 30 Raw Count: 11851 AADT Count: 1,693
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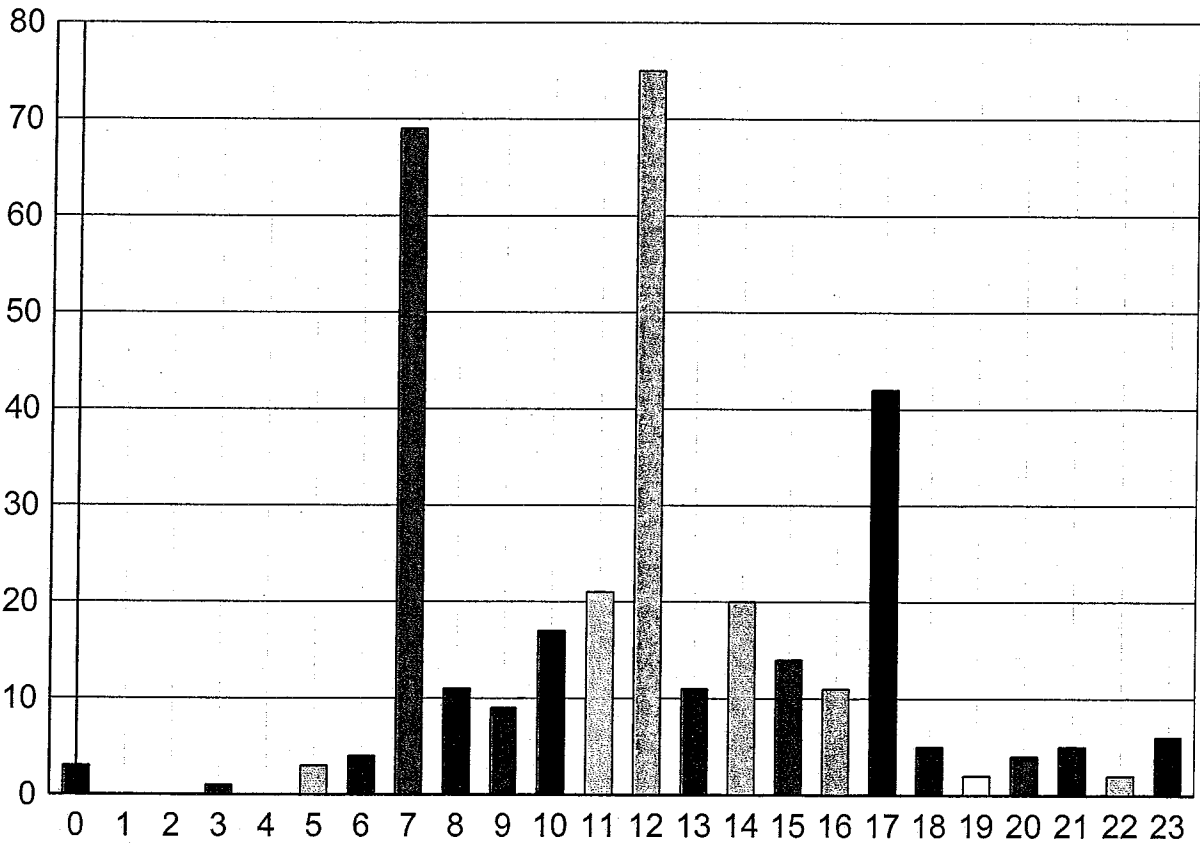


Fri, Apr/17/2009

(0) 12:00 - 12:59	4	(6) 06:00 - 06:59	11	(12) 12:00 - 12:59	222	(18) 18:00 - 18:59	7
(1) 01:00 - 01:59	2	(7) 07:00 - 07:59	183	(13) 13:00 - 13:59	146	(19) 19:00 - 19:59	4
(2) 02:00 - 02:59	1	(8) 08:00 - 08:59	165	(14) 14:00 - 14:59	114	(20) 20:00 - 20:59	3
(3) 03:00 - 03:59	0	(9) 09:00 - 09:59	129	(15) 15:00 - 15:59	106	(21) 21:00 - 21:59	3
(4) 04:00 - 04:49	1	(10) 10:00 - 10:59	149	(16) 16:00 - 16:59	85	(22) 22:00 - 22:59	3
(5) 05:00 - 05:59	0	(11) 11:00 - 11:59	201	(17) 17:00 - 17:59	35	(23) 23:00 - 23:59	2

Time/Volume Graph

HI-Star ID: 7536 Street: JALC BACK LOT State: IL City: CARTERVILLE County: 100-WILLIAMSON	Begin: Apr/15/2009 12:00:00 AM Lane: BACK LOT COMB'D Oper: JBH Posted: 25 AADT Factor: 1	End: Apr/22/2009 12:00:00 AM Hours: 168.00 Period: 30 Raw Count: 11851 AADT Count: 1,693
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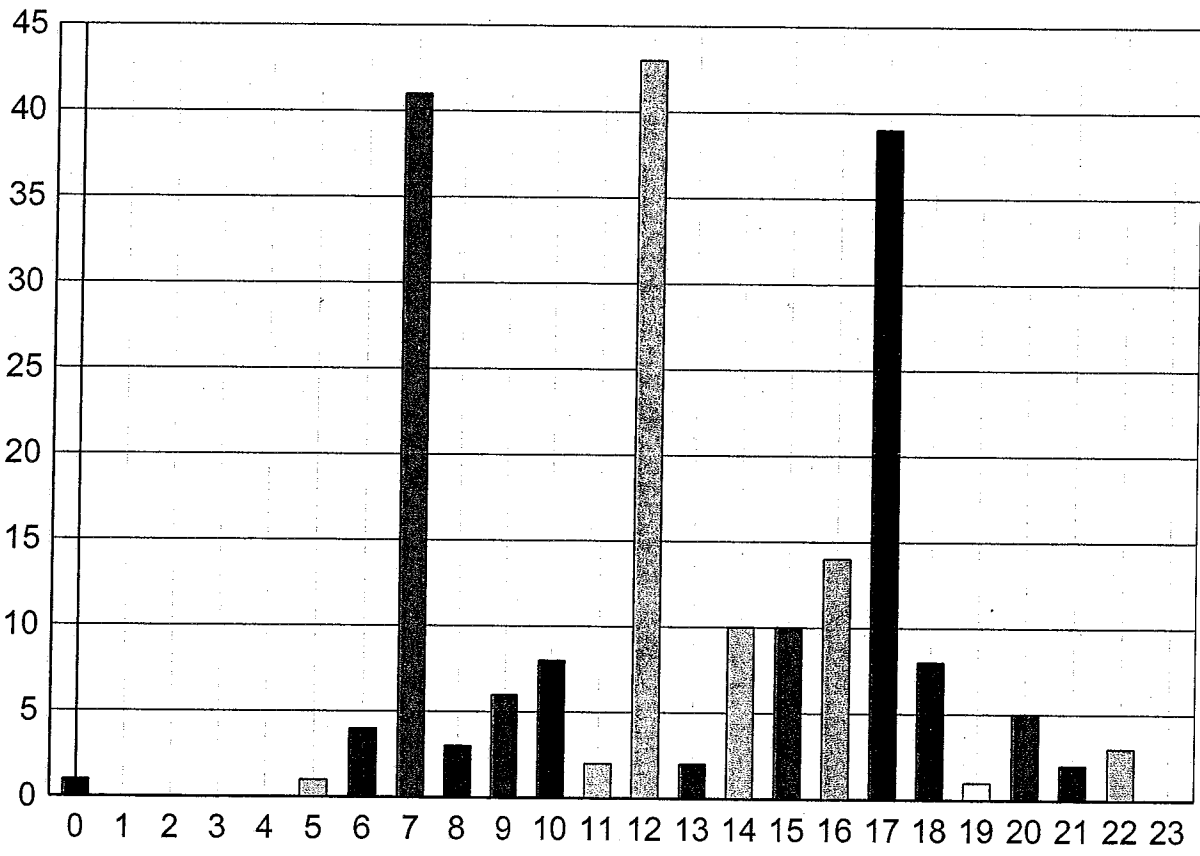


Sat, Apr/18/2009

(0) 12:00 - 12:59	3	(6) 06:00 - 06:59	4	(12) 12:00 - 12:59	75	(18) 18:00 - 18:59	5
(1) 01:00 - 01:59	0	(7) 07:00 - 07:59	69	(13) 13:00 - 13:59	11	(19) 19:00 - 19:59	2
(2) 02:00 - 02:59	0	(8) 08:00 - 08:59	11	(14) 14:00 - 14:59	20	(20) 20:00 - 20:59	4
(3) 03:00 - 03:59	1	(9) 09:00 - 09:59	9	(15) 15:00 - 15:59	14	(21) 21:00 - 21:59	5
(4) 04:00 - 04:49	0	(10) 10:00 - 10:59	17	(16) 16:00 - 16:59	11	(22) 22:00 - 22:59	2
(5) 05:00 - 05:59	3	(11) 11:00 - 11:59	21	(17) 17:00 - 17:59	42	(23) 23:00 - 23:59	6

Time/Volume Graph

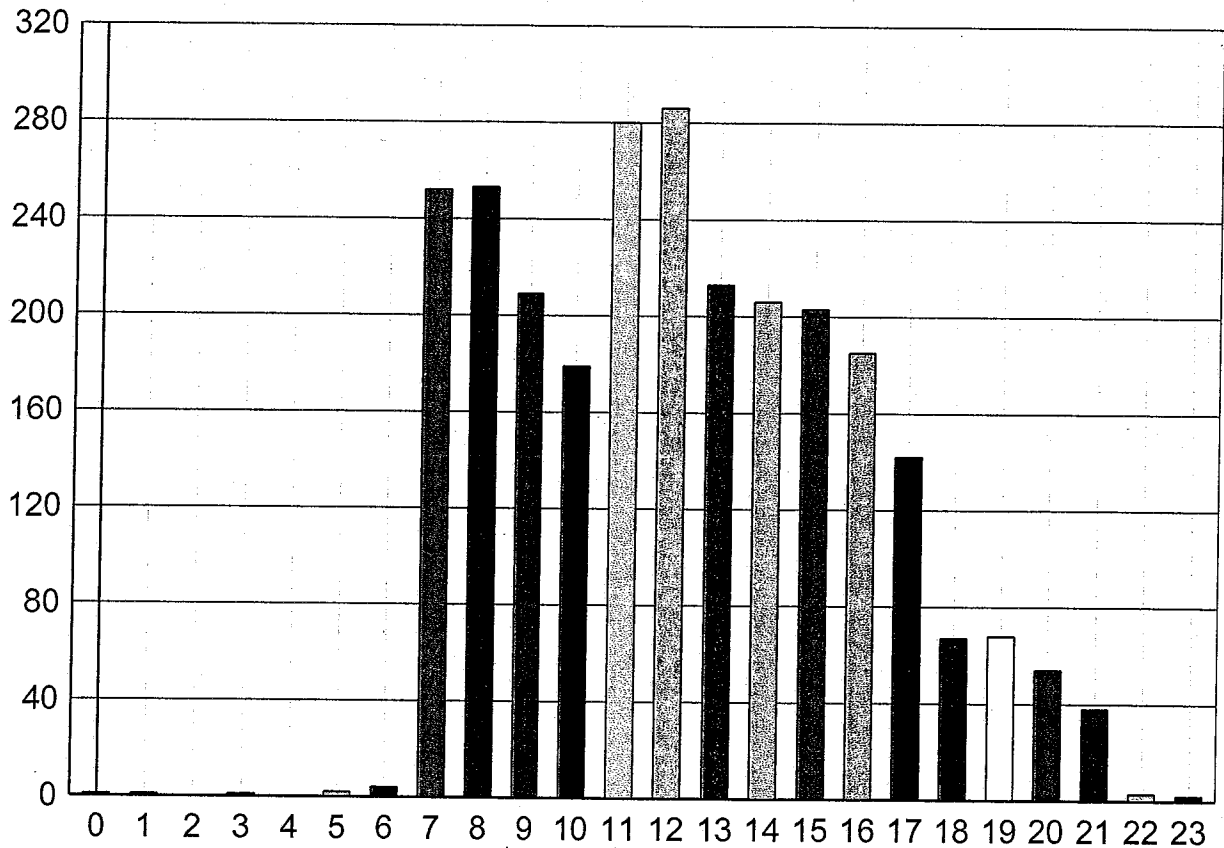
HI-Star ID: 7536 Street: JALC BACK LOT State: IL City: CARTERVILLE County: 100-WILLIAMSON	Begin: Apr/15/2009 12:00:00 AM Lane: BACK LOT COMB'D Oper: JBH Posted: 25 AADT Factor: 1	End: Apr/22/2009 12:00:00 AM Hours: 168.00 Period: 30 Raw Count: 11851 AADT Count: 1,693
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Sun, Apr/19/2009							
(0) 12:00 - 12:59	1	(6) 06:00 - 06:59	4	(12) 12:00 - 12:59	43	(18) 18:00 - 18:59	8
(1) 01:00 - 01:59	0	(7) 07:00 - 07:59	41	(13) 13:00 - 13:59	2	(19) 19:00 - 19:59	1
(2) 02:00 - 02:59	0	(8) 08:00 - 08:59	3	(14) 14:00 - 14:59	10	(20) 20:00 - 20:59	5
(3) 03:00 - 03:59	0	(9) 09:00 - 09:59	6	(15) 15:00 - 15:59	10	(21) 21:00 - 21:59	2
(4) 04:00 - 04:49	0	(10) 10:00 - 10:59	8	(16) 16:00 - 16:59	14	(22) 22:00 - 22:59	3
(5) 05:00 - 05:59	1	(11) 11:00 - 11:59	2	(17) 17:00 - 17:59	39	(23) 23:00 - 23:59	0

Time/Volume Graph

HI-Star ID: 7536 Street: JALC BACK LOT State: IL City: CARTERVILLE County: 100-WILLIAMSON	Begin: Apr/15/2009 12:00:00 AM Lane: BACK LOT COMB'D Oper: JBH Posted: 25 AADT Factor: 1	End: Apr/22/2009 12:00:00 AM Hours: 168.00 Period: 30 Raw Count: 11851 AADT Count: 1,693
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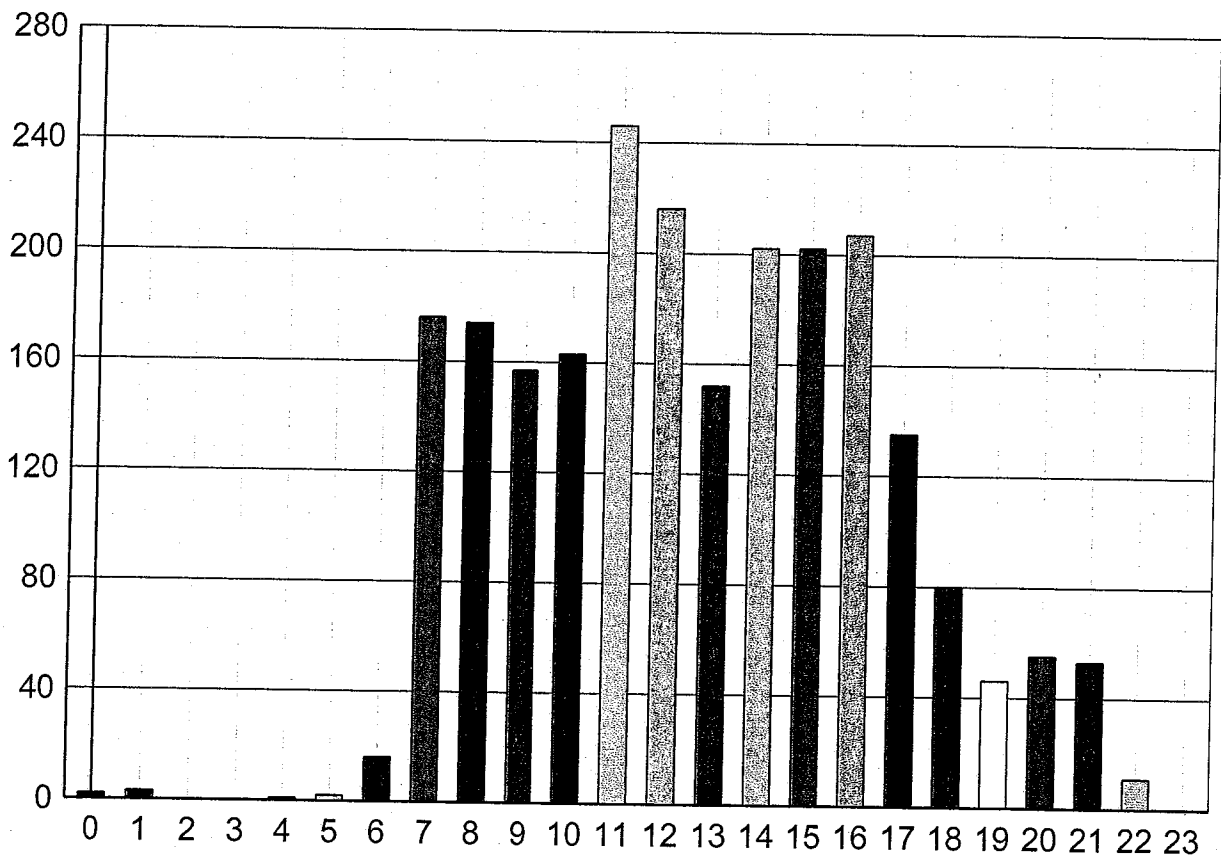


Mon, Apr/20/2009

(0) 12:00 - 12:59	1	(6) 06:00 - 06:59	4	(12) 12:00 - 12:59	286	(18) 18:00 - 18:59	67
(1) 01:00 - 01:59	1	(7) 07:00 - 07:59	252	(13) 13:00 - 13:59	213	(19) 19:00 - 19:59	68
(2) 02:00 - 02:59	0	(8) 08:00 - 08:59	253	(14) 14:00 - 14:59	206	(20) 20:00 - 20:59	54
(3) 03:00 - 03:59	1	(9) 09:00 - 09:59	209	(15) 15:00 - 15:59	203	(21) 21:00 - 21:59	38
(4) 04:00 - 04:49	0	(10) 10:00 - 10:59	179	(16) 16:00 - 16:59	185	(22) 22:00 - 22:59	3
(5) 05:00 - 05:59	2	(11) 11:00 - 11:59	280	(17) 17:00 - 17:59	142	(23) 23:00 - 23:59	2

Time/Volume Graph

HI-Star ID: 7536 Street: JALC BACK LOT State: IL City: CARTERVILLE County: 100-WILLIAMSON	Begin: Apr/15/2009 12:00:00 AM Lane: BACK LOT COMB'D Oper: JBH Posted: 25 AADT Factor: 1	End: Apr/22/2009 12:00:00 AM Hours: 168.00 Period: 30 Raw Count: 11851 AADT Count: 1,693
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Tue, Apr/21/2009

(0) 12:00 - 12:59	2	(6) 06:00 - 06:59	16	(12) 12:00 - 12:59	216	(18) 18:00 - 18:59	80
(1) 01:00 - 01:59	3	(7) 07:00 - 07:59	176	(13) 13:00 - 13:59	152	(19) 19:00 - 19:59	46
(2) 02:00 - 02:59	0	(8) 08:00 - 08:59	174	(14) 14:00 - 14:59	202	(20) 20:00 - 20:59	55
(3) 03:00 - 03:59	0	(9) 09:00 - 09:59	157	(15) 15:00 - 15:59	202	(21) 21:00 - 21:59	53
(4) 04:00 - 04:49	1	(10) 10:00 - 10:59	163	(16) 16:00 - 16:59	207	(22) 22:00 - 22:59	11
(5) 05:00 - 05:59	2	(11) 11:00 - 11:59	246	(17) 17:00 - 17:59	135	(23) 23:00 - 23:59	0