

**Nu-Metrics Traffic Analyzer Study
Computer Generated Summary Report
City: Hancock Co
Street: SR2-725 S of CR208**

A study of vehicle traffic was conducted with HI-STAR unit number 4363. The study was done in the NBLL lane on SR2-725 S of CR208 in Hancock Co, WV in Hancock county. The study began on 07/29/2009 at 12:00 AM and concluded on 07/30/2009 at 12:00 AM, lasting a total of 24 hours. Data was recorded in 15 minute time periods. The total recorded volume of traffic showed 1,394 vehicles passed through the location with a peak volume of 46 on 07/29/2009 at 06:30 AM and a minimum volume of 0 on 07/29/2009 at 01:30 AM. The AADT Count for this study was 1,394.

SPEED

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

Chart 1

0	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	>
9	14	19	24	29	34	39	44	49	54	59	64	69	74	
0	3	3	2	1	11	31	135	411	473	207	88	24	3	2

At least half of the vehicles were traveling in the 50 - 54 mph range or a lower speed. The average speed for all classified vehicles was 51 mph with 86.6 percent exceeding the posted speed of 45 mph. The HI-STAR found 23.2 percent of the total vehicles were traveling in excess of 55 mph. The mode speed for this traffic study was 50 mph and the 85th percentile was 57.78 mph.

CLASSIFICATION

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

Chart 2

0	21	28	40	50	60	70	80
to	to	to	to	to	to	to	>
20	27	39	49	59	69	79	
1341	20	7	11	10	5	0	0

Most of the vehicles classified during the study were Passenger Cars. The number of Passenger Cars in the study was 1,361 which represents 97.60 percent of the total classified vehicles. The number of Small Trucks in the study was 7 which represents 0.50 percent of the total classified vehicles. The number of Trucks/Buses in the study was 11 which represents 0.80 percent of the total classified vehicles. The number of Tractor Trailers in the study was 15 which represents 1.10 percent of the total classified vehicles.

HEADWAY

During the peak time period, on 07/29/2009 at 06:30 AM the average headway between the vehicles was 19.15 seconds. The slowest traffic period was on 07/29/2009 at 01:30 AM. During this slowest period, the average headway was 900.0 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 74 and 85 degrees Fahrenheit. The HI-STAR determined that the roadway surface was Dry 100.00 percent of the time.