

**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 8610. The study was done in the SBRL 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 1,305 vehicles passed through the location with a peak volume of 61 on 07/29/2009 at 03:30 PM and a minimum volume of 1 on 07/29/2009 at 02:45 AM. The AADT Count for this study was 1,305.

SPEED

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

Chart 1

0 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 >
0	79	201	645	55	0	114	0	209	0	0	0	1	0	0

At least half of the vehicles were traveling in the 20 - 24 mph range or a lower speed. The average speed for all classified vehicles was 27 mph with 16.1 percent exceeding the posted speed of 45 mph. The HI-STAR found 0.08 percent of the total vehicles were traveling in excess of 55 mph. The mode speed for this traffic study was 20 mph and the 85th percentile was 45.34 mph.

CLASSIFICATION

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

Chart 2

0 to 20	21 to 27	28 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 >
1257	26	9	7	3	1	1	0

Most of the vehicles classified during the study were Passenger Cars. The number of Passenger Cars in the study was 1,283 which represents 98.40 percent of the total classified vehicles. The number of Small Trucks in the study was 9 which represents 0.70 percent of the total classified vehicles. The number of Trucks/Buses in the study was 7 which represents 0.50 percent of the total classified vehicles. The number of Tractor Trailers in the study was 5 which represents 0.40 percent of the total classified vehicles.

HEADWAY

During the peak time period, on 07/29/2009 at 03:30 PM the average headway between the vehicles was 14.52 seconds. The slowest traffic period was on 07/29/2009 at 02:45 AM. During this slowest period, the average headway was 450.0 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 72 and 85 degrees Fahrenheit. The HI-STAR determined that the roadway surface was Dry 100.00 percent of the time.