

**Nu-Metrics Traffic Analyzer Study  
 Computer Generated Summary Report  
 City: Hancock Co  
 Street: SR2-2580 N of CR208**

A study of vehicle traffic was conducted with HI-STAR unit number 1243. The study was done in the SBLL lane on SR2-2580 N 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 1,057 vehicles passed through the location with a peak volume of 26 on 07/29/2009 at 02:45 PM and a minimum volume of 0 on 07/29/2009 at 03:30 AM. The AADT Count for this study was 1,057.

**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	0	1	3	13	36	106	265	327	198	81	17	4	3

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 84.6 percent exceeding the posted speed of 45 mph. The HI-STAR found 28.6 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 58.65 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	
970	49	11	12	10	5	0	0

Most of the vehicles classified during the study were Passenger Cars. The number of Passenger Cars in the study was 1,019 which represents 96.40 percent of the total classified vehicles. The number of Small Trucks in the study was 11 which represents 1.00 percent of the total classified vehicles. The number of Trucks/Buses in the study was 12 which represents 1.10 percent of the total classified vehicles. The number of Tractor Trailers in the study was 15 which represents 1.40 percent of the total classified vehicles.

**HEADWAY**

During the peak time period, on 07/29/2009 at 02:45 PM the average headway between the vehicles was 33.33 seconds. The slowest traffic period was on 07/29/2009 at 03:30 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 72 and 83 degrees Fahrenheit. The HI-STAR determined that the roadway surface was Dry 100.00 percent of the time.