

Nu-Metrics Traffic Analyzer Study
Computer Generated Summary Report
City: Rheine
Street: Rheiner Straße Nr 99

A study of vehicle traffic was conducted with HI-STAR unit number 1556. The study was done in the Richtung Rheine lane at Rheiner Straße Nr 99 in Rheine, PA in Germany county. The study began on Feb.25.15 at 10:00 and concluded on Mrz.04.15 at 10:00, lasting a total of 168,00 hours. Traffic statistics were recorded in 60 minute time periods. The total recorded volume showed 23220 vehicles passed through the location with a peak volume of 337 on Mrz.02.15 at [07:00-08:00] and a minimum volume of 0 on Mrz.03.15 at [01:00-02:00]. The AADT count for this study was 3.317.

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 50 - 70 KM/H range or lower. The average speed for all classified vehicles was 55 KM/H with 4,38% vehicles exceeding the posted speed of 50 KM/H. The HI-STAR found 0,31 percent of the total vehicles were traveling in excess of 89 KM/H. The mode speed for this traffic study was 50KM/H and the 85th percentile was 66,82 KM/H. *!! zu schnell*

< bis 29	30 bis 49	50 bis 69	70 bis 89	90 bis >															
69	6592	15472	943	71															

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 PKW. The number of PKW in the study was 18505 which represents 80 percent of the total classified vehicles. The number of Transporter in the study was 4024 which represents 17 percent of the total classified vehicles. The number of LKW in the study was 0 which represents 0 percent of the total classified vehicles. The number of LZ in the study was 618 which represents 3 percent of the total classified vehicles.

Belastung:

< bis 5,4	5,5 bis 8,7	8,8 bis 13,0	13,1 bis 18,2	18,3 bis >						<i>Mi</i> 25.2 14h	<i>Do</i> 26.2	<i>Fr</i> 27.2	<i>Sa</i> 28.2	<i>So</i> 1.3.	<i>Mo</i> 2.3.	<i>Di</i> 3.3.	<i>Mi</i> 4.3 14h		
18505	4024	368	195	55						2407	3446	3.640	3.090	2.759	3.535	3.396	969		

CHART 2

Ø 3.500 Kfz/24h (Mo - Fr.)

HEADWAY

During the peak traffic period, on Mrz.02.15 at [07:00-08:00] the average headway between vehicles was 10,651 seconds. During the slowest traffic period, on Mrz.03.15 at [01:00-02:00] the average headway between vehicles was 3600 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between -1,17 and 12,72 degrees C.

*Ergebnis: Belastung K66, Rheiner Str.
 ~ 7.000 Kfz/24 Std.
 5% LKW-Anteil*