

**MH Corbin Traffic Analyzer Study
 Computer Generated Summary Report
 City: City of Thorold
 Street: 61 Bridge St W - EB
 Location: 2**

A study of vehicle traffic was conducted with the device having serial number 403588. The study was done in the EB lane at 61 Bridge St W - EB in City of Thorold, ON in btwn Orchard St & Hill St county. The study began on 2021-06-15 at 12:00 AM and concluded on 2021-06-16 at 12:00 AM, lasting a total of 24.00 hours. Traffic statistics were recorded in 15 minute time periods. The total recorded volume showed 138 vehicles passed through the location with a peak volume of 8 on 2021-06-15 at [06:00 PM-06:15 PM] and a minimum volume of 0 on 2021-06-15 at [12:15 PM-12:30 PM]. The AADT count for this study was 138.

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 - 60 KM/H range or lower. The average speed for all classified vehicles was 51 KM/H with 18.25% vehicles exceeding the posted speed of 60 KM/H. 0.00% 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 61.82 KM/H.

< to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 89	90 to 99	100 to 109	110 to 119	120 to 129	130 to 139	140 to >
0	2	4	17	35	54	22	3	0	0	0	0	0	0	0

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 Passenger Vehicles. The number of Passenger Vehicles in the study was 128 which represents 93 percent of the total classified vehicles. The number of Small Trucks in the study was 3 which represents 2 percent of the total classified vehicles. The number of Trucks/Buses in the study was 3 which represents 2 percent of the total classified vehicles. The number of Tractor Trailers in the study was 3 which represents 2 percent of the total classified vehicles.

< to 4.9	5.0 to 7.9	8.0 to 9.9	10.0 to 12.9	13.0 to 15.9	16.0 to 18.9	19.0 to 21.9	22.0 to >							
35	93	3	3	2	0	0	1							

CHART 2

HEADWAY

During the peak traffic period, on 2021-06-15 at [06:00 PM-06:15 PM] the average headway between vehicles was 100 seconds. During the slowest traffic period, on 2021-06-15 at [12:15 PM-12:30 PM] the average headway between vehicles was 900 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 21.00 and 52.00 degrees C.