

MH Corbin Traffic Analyzer Study
Computer Generated Summary Report
City: Kirkwood
Street: EB Longview
Location: East of Claybrook Lane

A study of vehicle traffic was conducted with the device having serial number 403950. The study was done in the E/B lane at EB Longview in Kirkwood, MO in St Louis county. The study began on 09/13/2021 at 04:00 PM and concluded on 09/20/2021 at 04:00 PM, lasting a total of 168.00 hours. Traffic statistics were recorded in 15 minute time periods. The total recorded volume showed 2,175 vehicles passed through the location with a peak volume of 73 on 09/20/2021 at [02:30 PM-02:45 PM] and a minimum volume of 0 on 09/13/2021 at [09:00 PM-09:15 PM]. The AADT count for this study was 311.

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 25 - 30 MPH range or lower. The average speed for all classified vehicles was 26 MPH with 56.41% vehicles exceeding the posted speed of 25 MPH. 1.11% percent of the total vehicles were traveling in excess of 55 MPH. The mode speed for this traffic study was 25MPH and the 85th percentile was 30.50 MPH.

< 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 to >
5	38	166	652	796	211	48	17	15	5	3	5	2	5	7

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 Vans & Pickups. The number of Passenger Vehicles in the study was 858 which represents 43 percent of the total classified vehicles. The number of Vans & Pickups in the study was 975 which represents 49 percent of the total classified vehicles. The number of Busses & Trucks in the study was 67 which represents 3 percent of the total classified vehicles. The number of Tractor Trailers in the study was 74 which represents 4 percent of the total classified vehicles.

< to 17	18 to 20	21 to 23	24 to 27	28 to 31	32 to 37	38 to 43	44 to >							
858	843	132	17	37	20	26	42							

CHART 2

HEADWAY

During the peak traffic period, on 09/20/2021 at [02:30 PM-02:45 PM] the average headway between vehicles was 12.162 seconds. During the slowest traffic period, on 09/13/2021 at [09:00 PM-09:15 PM] the average headway between vehicles was 900 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 64.00 and 133.00 degrees F.