

**MH Corbin Traffic Analyzer Study
Computer Generated Summary Report**

City:
Street: Fairway Drive
Location:

A study of vehicle traffic was conducted with the device having serial number 303232. The study was done in the Eastbound lane at Fairway Drive in , VA in Fairfax county. The study began on 03/11/2020 at 12:00 AM and concluded on 03/12/2020 at 12:00 AM, lasting a total of 24.00 hours. Traffic statistics were recorded in 60 minute time periods. The total recorded volume showed 611 vehicles passed through the location with a peak volume of 69 on 03/11/2020 at [07:00 AM-08:00 AM] and a minimum volume of 0 on 03/11/2020 at [02:00 AM-03:00 AM]. The AADT count for this study was 611.

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 30 - 35 MPH range or lower. The average speed for all classified vehicles was 33 MPH with 90.61% vehicles exceeding the posted speed of 25 MPH. 0.00% percent of the total vehicles were traveling in excess of 55 MPH. The mode speed for this traffic study was 30MPH and the 85th percentile was 39.55 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 >			
0	3	8	41	144	182	101	41	23	11	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 331 which represents 60 percent of the total classified vehicles. The number of Vans & Pickups in the study was 196 which represents 35 percent of the total classified vehicles. The number of Busses & Trucks in the study was 13 which represents 2 percent of the total classified vehicles. The number of Tractor Trailers in the study was 14 which represents 3 percent of the total classified vehicles.

< to 17	18 to >													
331	223													

CHART 2

HEADWAY

During the peak traffic period, on 03/11/2020 at [07:00 AM-08:00 AM] the average headway between vehicles was 51.429 seconds. During the slowest traffic period, on 03/11/2020 at [02:00 AM-03:00 AM] the average headway between vehicles was 3600 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 45.00 and 64.00 degrees F.