

MH Corbin Traffic Analyzer Study
Computer Generated Summary Report
City: Merritt Island
Street: Crisafulli Road
Location: 11, 12

A study of vehicle traffic was conducted with the device having serial number 401952. The study was done in the EB, WB lane at Crisafulli Road in Merritt Island, FL in Brevard county. The study began on 10/31/2023 at 12:00 AM and concluded on 11/01/2023 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 1,189 vehicles passed through the location with a peak volume of 30 on 10/31/2023 at [05:00 PM-05:15 PM] and a minimum volume of 0 on 10/31/2023 at [11:00 PM-11:15 PM]. The AADT count for this study was 1,189.

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 31 MPH with 55.02% vehicles exceeding the posted speed of 30 MPH. 0.43% 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 36.93 MPH.

< to 4	5 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 >
0	2	20	19	117	371	397	189	40	13	3	2	0	1	2

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 593 which represents 50 percent of the total classified vehicles. The number of Vans & Pickups in the study was 493 which represents 42 percent of the total classified vehicles. The number of Busses & Trucks in the study was 43 which represents 4 percent of the total classified vehicles. The number of Tractor Trailers in the study was 47 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 >							
593	433	60	6	22	26	17	19							

CHART 2

HEADWAY

During the peak traffic period, on 10/31/2023 at [05:00 PM-05:15 PM] the average headway between vehicles was 29.032 seconds. During the slowest traffic period, on 10/31/2023 at [11:00 PM-11:15 PM] the average headway between vehicles was 900 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 73.00 and 126.00 degrees F.

MH Corbin Traffic Analyzer Study
Computer Generated Summary Report
City: Merritt Island
Street: Crisafulli Road
Location: 13, 14

A study of vehicle traffic was conducted with the device having serial number 401954. The study was done in the EB, WB lane at Crisafulli Road in Merritt Island, FL in Brevard county. The study began on 10/31/2023 at 12:00 AM and concluded on 11/01/2023 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 1,106 vehicles passed through the location with a peak volume of 31 on 10/31/2023 at [05:00 PM-05:15 PM] and a minimum volume of 0 on 10/31/2023 at [11:00 PM-11:15 PM]. The AADT count for this study was 1,106.

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 35 MPH with 81.25% vehicles exceeding the posted speed of 30 MPH. 1.38% 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 42.08 MPH.

< to 4	5 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 >
0	2	5	16	29	152	344	306	168	40	11	6	3	2	4

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 350 which represents 32 percent of the total classified vehicles. The number of Vans & Pickups in the study was 611 which represents 56 percent of the total classified vehicles. The number of Busses & Trucks in the study was 65 which represents 6 percent of the total classified vehicles. The number of Tractor Trailers in the study was 62 which represents 6 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 >							
350	484	127	16	32	28	26	25							

CHART 2

HEADWAY

During the peak traffic period, on 10/31/2023 at [05:00 PM-05:15 PM] the average headway between vehicles was 28.125 seconds. During the slowest traffic period, on 10/31/2023 at [11:00 PM-11:15 PM] the average headway between vehicles was 900 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 73.00 and 124.00 degrees F.

MH Corbin Traffic Analyzer Study
Computer Generated Summary Report
City: Merritt Island
Street: Crisafulli Road
Location: 15, 16

A study of vehicle traffic was conducted with the device having serial number 401956. The study was done in the EB, WB lane at Crisafulli Road in Merritt Island, FL in Brevard county. The study began on 10/31/2023 at 12:00 AM and concluded on 11/01/2023 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 1,029 vehicles passed through the location with a peak volume of 27 on 10/31/2023 at [03:45 PM-04:00 PM] and a minimum volume of 0 on 10/31/2023 at [11:00 PM-11:15 PM]. The AADT count for this study was 1,029.

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 35 - 40 MPH range or lower. The average speed for all classified vehicles was 40 MPH with 92.72% vehicles exceeding the posted speed of 30 MPH. 3.54% percent of the total vehicles were traveling in excess of 55 MPH. The mode speed for this traffic study was 35MPH and the 85th percentile was 47.52 MPH.

< to 4	5 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 >
0	0	1	8	16	49	167	279	270	145	45	15	10	3	8

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 225 which represents 22 percent of the total classified vehicles. The number of Vans & Pickups in the study was 639 which represents 63 percent of the total classified vehicles. The number of Busses & Trucks in the study was 89 which represents 9 percent of the total classified vehicles. The number of Tractor Trailers in the study was 63 which represents 6 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 >							
225	476	163	32	35	28	29	28							

CHART 2

HEADWAY

During the peak traffic period, on 10/31/2023 at [03:45 PM-04:00 PM] the average headway between vehicles was 32.143 seconds. During the slowest traffic period, on 10/31/2023 at [11:00 PM-11:15 PM] the average headway between vehicles was 900 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 72.00 and 124.00 degrees F.

MH Corbin Traffic Analyzer Study
Computer Generated Summary Report
City: Merritt Island
Street: Crisafulli Road
Location: 17, 18

A study of vehicle traffic was conducted with the device having serial number 401958. The study was done in the EB, WB lane at Crisafulli Road in Merritt Island, FL in Brevard county. The study began on 10/31/2023 at 12:00 AM and concluded on 11/01/2023 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 969 vehicles passed through the location with a peak volume of 28 on 10/31/2023 at [05:00 PM-05:15 PM] and a minimum volume of 0 on 10/31/2023 at [10:00 PM-10:15 PM]. The AADT count for this study was 969.

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 35 - 40 MPH range or lower. The average speed for all classified vehicles was 39 MPH with 87.74% vehicles exceeding the posted speed of 30 MPH. 5.71% percent of the total vehicles were traveling in excess of 55 MPH. The mode speed for this traffic study was 35MPH and the 85th percentile was 48.48 MPH.

< to 4	5 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 >
0	1	7	20	27	61	164	235	204	122	51	28	9	6	11

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 274 which represents 29 percent of the total classified vehicles. The number of Vans & Pickups in the study was 512 which represents 54 percent of the total classified vehicles. The number of Busses & Trucks in the study was 87 which represents 9 percent of the total classified vehicles. The number of Tractor Trailers in the study was 72 which represents 8 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 >							
274	404	108	20	49	31	24	36							

CHART 2

HEADWAY

During the peak traffic period, on 10/31/2023 at [05:00 PM-05:15 PM] the average headway between vehicles was 31.034 seconds. During the slowest traffic period, on 10/31/2023 at [10:00 PM-10:15 PM] the average headway between vehicles was 900 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 73.00 and 127.00 degrees F.

