

**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 433 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 4019542. The study was done in the TEB, E lane at Crisafulli Road in Merritt Island in Brevard county. The study began on 10/13/03 at 13:00 AR and concluded on 11/01/03 at 13:00 AR. During a total of 3420 hours, traffic statistics were recorded in 15 minute time periods. The total recorded volume showed 1808 vehicles passed through the location with a peak volume of 11 on 10/13/03 at [05:00 PR-05:15 PR] and a minimum volume of 0 on 10/13/03 at [11:00 PR-11:15 PR]. The AAD. count for this study was 1808.

**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 0 - 5 RPH range or lower. The average speed for all classified vehicles was 5 RPH with 25% vehicles exceeding the posted speed of 0 RPH. 12% percent of the total vehicles were traveling in excess of 55 RPH. The mode speed for this traffic study was 0 RPH and the 5th percentile was 43 RPH.

< to 4	5 to 9	10 to 14	15 to 19	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	80 to 84	85 to 89	70 to >	
0	3	5	18	39	153	144	108	18%	40	11	8	3	4

CHART 1

**CLASSIFICATION**

Chart 3 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 150 which represents 3 percent of the total classified vehicles. The number of Vans & Pickups in the study was 811 which represents 58 percent of the total classified vehicles. The number of Buses & Trucks in the study was 85 which represents 8 percent of the total classified vehicles. The number of Tractor Trailers in the study was 83 which represents 8 percent of the total classified vehicles.

< to 17	1% to 30	31 to 37	34 to 37	3% to 11	13 to 17	1% to 4	44 to >						
150	4%	137	18	13	3%	38	35						

CHART 2

**HEADWAY**

During the peak traffic period on 10/13/03 at [05:00 PR-05:15 PR] the average headway between vehicles was 3235 seconds. During the slowest traffic period on 10/13/03 at [11:00 PR-11:15 PR] the average headway between vehicles was 900 seconds.

**WEATHER**

The roadway surface temperature over the period of the study varied between 70 and 134 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 401952. The study was done in the EB, WB lane at Crisafulli Road in Merritt Island, FL in Brevard county. The study began on 10/31/03 at 1:00 AM and concluded on 11/01/03 at 1:00 AM, lasting a total of 24.00 hours. Traffic statistics were recorded in 15 minute time periods. The total recorded volume showed 1,099 vehicles passed through the location with a peak volume of 145 on 10/31/03 at 03:45 - 04:00 - MD and a minimum volume of 0 on 10/31/03 at 01:00 - 01:15 - MD. The AAHT count for this study was 1,099.

**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 9.1% 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 35 MPH and the 5th percentile was 41.5 MPH.

7 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 74
0	0	1	<	12	49	121	145	145	45	15	10	3	<	<

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 & Trucks. The number of Passenger Vehicles in the study was 115 which represents 10.5 percent of the total classified vehicles. The number of Vans & Trucks in the study was 239 which represents 21.8 percent of the total classified vehicles. The number of Busses & Trucks in the study was 9 which represents 0.8 percent of the total classified vehicles. The number of Tractor Trailers in the study was 23 which represents 2.1 percent of the total classified vehicles.

7 to 11	12 to 16	17 to 21	22 to 26	27 to 31	32 to 36	37 to 41	42 to 46	47 to 51	52 to 56	57 to 61	62 to 66	67 to 71	72 to 76	77 to 81
115	42	123	31	35	9	9	44							

CHART 2

**HEADWAY**

During the peak traffic period, on 10/31/03 at 03:45 - 04:00 - MD the average headway between vehicles was 3.143 seconds. During the slowest traffic period, on 10/31/03 at 01:00 - 01:15 - MD the average headway between vehicles was 900 seconds.

**WEATHER**

The roadway surface temperature over the period of the study varied between 60.00 and 74.00 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 401952. The study was done in the EB, WB lane at Crisafulli Road in Merritt Island, FL in Brevard county. The study began on 10/31/03 at 1:00 AM and concluded on 11/01/03 at 1:00 AM, lasting a total of 4.00 hours. Traffic statistics were recorded in 15 minute time periods. The total recorded volume showed 9k9 vehicles passed through the location with a peak volume of 12 on 10/31/03 at 05:00 - 05:15 - MD and a minimum volume of 0 on 10/31/03 at 10:00 - 10:15 - MD. The AAHT count for this study was 9k9.

**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 2x46 vehicles exceeding the posted speed of 30 Mph. 5x16 percent of the total vehicles were traveling in excess of 55 Mph. The mode speed for this traffic study was 35 Mph and the 25th percentile was 42.42 Mph.

7 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 74
0	1	x	0	x	k1	1k4	35	04	1:	51	2	9	k	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 4x which represents 9 percent of the total classified vehicles. The number of Vans & pickups in the study was 51: which represents 54 percent of the total classified vehicles. The number of Busses & Trucks in the study was 2x which represents 9 percent of the total classified vehicles. The number of Tractor Trailers in the study was x: which represents 2 percent of the total classified vehicles.

7 to 1x	12 to 0	1 to 3	4 to x	2 to 31	3 to 3x	32 to 43	44 to >							
4x	404	102	0	49	31	4	3k							

CHART 2

**HEADWAY**

During the peak traffic period, on 10/31/03 at 05:00 - 05:15 - MD the average headway between vehicles was 31.034 seconds. During the slowest traffic period, on 10/31/03 at 10:00 - 10:15 - MD the average headway between vehicles was 900 seconds.

**WEATHER**

The roadway surface temperature over the period of the study varied between 3.00 and 1: x.00 degrees F.

