

**MH Corbin Traffic Analyzer Study
Computer Generated Summary Report
City: Colorado Springs
Street: Collins W of Murdoch**

A study of vehicle traffic was conducted with the device having serial number 402811. The study was done in the EB lane at Collins W of Murdoch in Colorado Springs, CO in El Paso county. The study began on Oct/02/2018 at 12:00:00 AM and concluded on Oct/03/2018 at 12:00:00 AM, lasting a total of 24.00 hours. Traffic statistics were recorded in 15 minute time periods. The total recorded volume showed 174 vehicles passed through the location with a peak volume of 12 on Oct/02/2018 at [17:00-17:15] and a minimum volume of 0 on Oct/02/2018 at [18:00-18:15]. The AADT count for this study was 174.

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 51.83% vehicles exceeding the posted speed of 25 MPH. 1.22 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 35.28 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 >					
0	1	3	23	52	59	18	2	2	2	0	0	0	1	1					

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 87 which represents 53 percent of the total classified vehicles. The number of Vans & Pickups in the study was 65 which represents 40 percent of the total classified vehicles. The number of Busses & Trucks in the study was 9 which represents 5 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 17	18 to 23	24 to 27	28 to 31	32 to 37	38 to 43	44 to 61	62 to >												
87	65	1	8	2	0	1	0												

CHART 2

HEADWAY

During the peak traffic period, on Oct/02/2018 at [17:00-17:15] the average headway between vehicles was 69.231 seconds. During the slowest traffic period, on Oct/02/2018 at [18:00-18:15] the average headway between vehicles was 900 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 32.00 and 32.00 degrees F.

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 402811 Street: Collins W of Murdoch State: CO City: Colorado Springs County: El Paso	Begin: Oct/02/2018 12:00:00 AM Lane: EB Operator: EP Speed Limit: 25 AADT Factor: 1	End: Oct/03/2018 12:00:00 AM Hours: 24.00 Period: 15 Raw Count: 174 AADT Count: 174		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue, Oct/02/2018

[00:00-00:15]	0	0 MPH	32 F	---
[00:15-00:30]	1	28 MPH	32 F	---
[00:30-00:45]	0	0 MPH	32 F	---
[00:45-01:00]	0	0 MPH	32 F	---
[01:00-01:15]	0	0 MPH	32 F	---
[01:15-01:30]	0	0 MPH	32 F	---
[01:30-01:45]	0	0 MPH	32 F	---
[01:45-02:00]	0	0 MPH	32 F	---
[02:00-02:15]	0	0 MPH	32 F	---
[02:15-02:30]	0	0 MPH	32 F	---
[02:30-02:45]	0	0 MPH	32 F	---
[02:45-03:00]	0	0 MPH	32 F	---
[03:00-03:15]	0	0 MPH	32 F	---
[03:15-03:30]	0	0 MPH	32 F	---
[03:30-03:45]	0	0 MPH	32 F	---
[03:45-04:00]	0	0 MPH	32 F	---
[04:00-04:15]	0	0 MPH	32 F	---
[04:15-04:30]	0	0 MPH	32 F	---
[04:30-04:45]	0	0 MPH	32 F	---
[04:45-05:00]	1	38 MPH	32 F	---
[05:00-05:15]	1	28 MPH	32 F	---
[05:15-05:30]	0	0 MPH	32 F	---
[05:30-05:45]	0	0 MPH	32 F	---
[05:45-06:00]	1	72 MPH	32 F	---
[06:00-06:15]	1	22 MPH	32 F	---
[06:15-06:30]	0	0 MPH	32 F	---
[06:30-06:45]	2	33 MPH	32 F	---
[06:45-07:00]	1	32 MPH	32 F	---
[07:00-07:15]	4	28 MPH	32 F	---
[07:15-07:30]	2	32 MPH	32 F	---
[07:30-07:45]	2	33 MPH	32 F	---
[07:45-08:00]	3	26 MPH	32 F	---
[08:00-08:15]	2	28 MPH	32 F	---
[08:15-08:30]	0	0 MPH	32 F	---
[08:30-08:45]	3	27 MPH	32 F	---
[08:45-09:00]	5	38 MPH	32 F	---

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 402811 Street: Collins W of Murdoch State: CO City: Colorado Springs County: El Paso	Begin: Oct/02/2018 12:00:00 AM Lane: EB Operator: EP Speed Limit: 25 AADT Factor: 1	End: Oct/03/2018 12:00:00 AM Hours: 24.00 Period: 15 Raw Count: 174 AADT Count: 174		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue, Oct/02/2018

[09:00-09:15]	1	22 MPH	32 F	---
[09:15-09:30]	2	30 MPH	32 F	---
[09:30-09:45]	3	31 MPH	32 F	---
[09:45-10:00]	2	30 MPH	32 F	---
[10:00-10:15]	1	22 MPH	32 F	---
[10:15-10:30]	2	18 MPH	32 F	---
[10:30-10:45]	3	27 MPH	32 F	---
[10:45-11:00]	1	32 MPH	32 F	---
[11:00-11:15]	2	28 MPH	32 F	---
[11:15-11:30]	5	29 MPH	32 F	---
[11:30-11:45]	7	31 MPH	32 F	---
[11:45-12:00]	6	32 MPH	32 F	---
[12:00-12:15]	2	35 MPH	32 F	---
[12:15-12:30]	5	30 MPH	32 F	---
[12:30-12:45]	8	34 MPH	32 F	---
[12:45-13:00]	3	29 MPH	32 F	---
[13:00-13:15]	4	33 MPH	32 F	---
[13:15-13:30]	6	32 MPH	32 F	---
[13:30-13:45]	5	27 MPH	32 F	---
[13:45-14:00]	5	30 MPH	32 F	---
[14:00-14:15]	3	19 MPH	32 F	---
[14:15-14:30]	4	35 MPH	32 F	---
[14:30-14:45]	2	35 MPH	32 F	---
[14:45-15:00]	3	34 MPH	32 F	---
[15:00-15:15]	3	29 MPH	32 F	---
[15:15-15:30]	3	26 MPH	32 F	---
[15:30-15:45]	2	23 MPH	32 F	---
[15:45-16:00]	2	0 MPH	32 F	---
[16:00-16:15]	1	32 MPH	32 F	---
[16:15-16:30]	3	33 MPH	32 F	---
[16:30-16:45]	6	32 MPH	32 F	---
[16:45-17:00]	4	33 MPH	32 F	---
[17:00-17:15]	12	33 MPH	32 F	---
[17:15-17:30]	2	27 MPH	32 F	---
[17:30-17:45]	4	26 MPH	32 F	---
[17:45-18:00]	3	26 MPH	32 F	---

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 402811 Street: Collins W of Murdoch State: CO City: Colorado Springs County: El Paso	Begin: Oct/02/2018 12:00:00 AM Lane: EB Operator: EP Speed Limit: 25 AADT Factor: 1	End: Oct/03/2018 12:00:00 AM Hours: 24.00 Period: 15 Raw Count: 174 AADT Count: 174		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue, Oct/02/2018

[18:00-18:15]	0	0 MPH	32 F	---
[18:15-18:30]	2	28 MPH	32 F	---
[18:30-18:45]	0	0 MPH	32 F	---
[18:45-19:00]	0	0 MPH	32 F	---
[19:00-19:15]	2	30 MPH	32 F	---
[19:15-19:30]	2	25 MPH	32 F	---
[19:30-19:45]	1	32 MPH	32 F	---
[19:45-20:00]	0	0 MPH	32 F	---
[20:00-20:15]	1	28 MPH	32 F	---
[20:15-20:30]	1	0 MPH	32 F	---
[20:30-20:45]	2	52 MPH	32 F	---
[20:45-21:00]	1	28 MPH	32 F	---
[21:00-21:15]	1	38 MPH	32 F	---
[21:15-21:30]	0	0 MPH	32 F	---
[21:30-21:45]	0	0 MPH	32 F	---
[21:45-22:00]	0	0 MPH	32 F	---
[22:00-22:15]	1	22 MPH	32 F	---
[22:15-22:30]	0	0 MPH	32 F	---
[22:30-22:45]	0	0 MPH	32 F	---
[22:45-23:00]	0	0 MPH	32 F	---
[23:00-23:15]	1	28 MPH	32 F	---
[23:15-23:30]	0	0 MPH	32 F	---
[23:30-23:45]	0	0 MPH	32 F	---
[23:45-00:00]	0	0 MPH	32 F	---

Oct/02/2018 12:00:00 AM		
Oct/03/2018 12:00:00 AM	174	31 MPH 32 F

**MH Corbin Traffic Analyzer Study
Computer Generated Summary Report
City: Colorado Springs
Street: Collins W of Murdoch**

A study of vehicle traffic was conducted with the device having serial number 401569. The study was done in the WB lane at Collins W of Murdoch in Colorado Springs, CO in El Paso county. The study began on Oct/02/2018 at 12:00:00 AM and concluded on Oct/03/2018 at 12:00:00 AM, lasting a total of 24.00 hours. Traffic statistics were recorded in 15 minute time periods. The total recorded volume showed 172 vehicles passed through the location with a peak volume of 9 on Oct/02/2018 at [12:30-12:45] and a minimum volume of 0 on Oct/02/2018 at [19:00-19:15]. The AADT count for this study was 172.

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 30 MPH with 37.34% vehicles exceeding the posted speed of 25 MPH. 1.90 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 35.00 MPH.

<	10	15	20	25	30	35	40	45	50	55	60	65	70	75					
to	to	to	to	to	to	to	to	to	to	to	to	to	to	to					
9	14	19	24	29	34	39	44	49	54	59	64	69	74	>					
0	1	5	31	62	35	13	2	3	2	1	1	1	0	1					

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 75 which represents 47 percent of the total classified vehicles. The number of Vans & Pickups in the study was 61 which represents 39 percent of the total classified vehicles. The number of Busses & Trucks in the study was 10 which represents 6 percent of the total classified vehicles. The number of Tractor Trailers in the study was 12 which represents 8 percent of the total classified vehicles.

<	18	24	28	32	38	44	62												
to	to	to	to	to	to	to	to												
17	23	27	31	37	43	61	>												
75	61	5	5	5	2	2	3												

CHART 2

HEADWAY

During the peak traffic period, on Oct/02/2018 at [12:30-12:45] the average headway between vehicles was 90 seconds. During the slowest traffic period, on Oct/02/2018 at [19:00-19:15] the average headway between vehicles was 900 seconds.

WEATHER

The roadway surface temperature over the period of the study varied between 32.00 and 32.00 degrees F.

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 401569 Street: Collins W of Murdoch State: CO City: Colorado Springs County: El Paso	Begin: Oct/02/2018 12:00:00 AM Lane: WB Operator: EP Speed Limit: 25 AADT Factor: 1	End: Oct/03/2018 12:00:00 AM Hours: 24.00 Period: 15 Raw Count: 172 AADT Count: 172		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue, Oct/02/2018

[00:00-00:15]	0	0 MPH	32 F	---
[00:15-00:30]	1	62 MPH	32 F	---
[00:30-00:45]	0	0 MPH	32 F	---
[00:45-01:00]	0	0 MPH	32 F	---
[01:00-01:15]	0	0 MPH	32 F	---
[01:15-01:30]	0	0 MPH	32 F	---
[01:30-01:45]	0	0 MPH	32 F	---
[01:45-02:00]	0	0 MPH	32 F	---
[02:00-02:15]	0	0 MPH	32 F	---
[02:15-02:30]	0	0 MPH	32 F	---
[02:30-02:45]	0	0 MPH	32 F	---
[02:45-03:00]	0	0 MPH	32 F	---
[03:00-03:15]	0	0 MPH	32 F	---
[03:15-03:30]	0	0 MPH	32 F	---
[03:30-03:45]	0	0 MPH	32 F	---
[03:45-04:00]	0	0 MPH	32 F	---
[04:00-04:15]	0	0 MPH	32 F	---
[04:15-04:30]	0	0 MPH	32 F	---
[04:30-04:45]	0	0 MPH	32 F	---
[04:45-05:00]	0	0 MPH	32 F	---
[05:00-05:15]	0	0 MPH	32 F	---
[05:15-05:30]	0	0 MPH	32 F	---
[05:30-05:45]	0	0 MPH	32 F	---
[05:45-06:00]	0	0 MPH	32 F	---
[06:00-06:15]	0	0 MPH	32 F	---
[06:15-06:30]	0	0 MPH	32 F	---
[06:30-06:45]	1	0 MPH	32 F	---
[06:45-07:00]	3	27 MPH	32 F	---
[07:00-07:15]	3	24 MPH	32 F	---
[07:15-07:30]	2	25 MPH	32 F	---
[07:30-07:45]	3	34 MPH	32 F	---
[07:45-08:00]	1	32 MPH	32 F	---
[08:00-08:15]	0	0 MPH	32 F	---
[08:15-08:30]	0	0 MPH	32 F	---
[08:30-08:45]	4	27 MPH	32 F	---
[08:45-09:00]	3	27 MPH	32 F	---

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 401569 Street: Collins W of Murdoch State: CO City: Colorado Springs County: El Paso	Begin: Oct/02/2018 12:00:00 AM Lane: WB Operator: EP Speed Limit: 25 AADT Factor: 1	End: Oct/03/2018 12:00:00 AM Hours: 24.00 Period: 15 Raw Count: 172 AADT Count: 172		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Tue, Oct/02/2018				
[09:00-09:15]	2	37 MPH	32 F	---
[09:15-09:30]	0	0 MPH	32 F	---
[09:30-09:45]	2	30 MPH	32 F	---
[09:45-10:00]	1	28 MPH	32 F	---
[10:00-10:15]	4	29 MPH	32 F	---
[10:15-10:30]	4	30 MPH	32 F	---
[10:30-10:45]	2	25 MPH	32 F	---
[10:45-11:00]	1	0 MPH	32 F	---
[11:00-11:15]	1	28 MPH	32 F	---
[11:15-11:30]	2	33 MPH	32 F	---
[11:30-11:45]	1	22 MPH	32 F	---
[11:45-12:00]	1	28 MPH	32 F	---
[12:00-12:15]	2	38 MPH	32 F	---
[12:15-12:30]	3	35 MPH	32 F	---
[12:30-12:45]	9	34 MPH	32 F	---
[12:45-13:00]	8	30 MPH	32 F	---
[13:00-13:15]	5	28 MPH	32 F	---
[13:15-13:30]	9	27 MPH	32 F	---
[13:30-13:45]	7	31 MPH	32 F	---
[13:45-14:00]	8	28 MPH	32 F	---
[14:00-14:15]	5	27 MPH	32 F	---
[14:15-14:30]	4	29 MPH	32 F	---
[14:30-14:45]	1	32 MPH	32 F	---
[14:45-15:00]	2	22 MPH	32 F	---
[15:00-15:15]	4	29 MPH	32 F	---
[15:15-15:30]	9	24 MPH	32 F	---
[15:30-15:45]	2	25 MPH	32 F	---
[15:45-16:00]	4	32 MPH	32 F	---
[16:00-16:15]	2	27 MPH	32 F	---
[16:15-16:30]	1	38 MPH	32 F	---
[16:30-16:45]	2	28 MPH	32 F	---
[16:45-17:00]	3	27 MPH	32 F	---
[17:00-17:15]	6	43 MPH	32 F	---
[17:15-17:30]	3	29 MPH	32 F	---
[17:30-17:45]	6	32 MPH	32 F	---
[17:45-18:00]	3	26 MPH	32 F	---

Date/Time/Volume/Average Speed/Temperature Report

Device ID: 401569 Street: Collins W of Murdoch State: CO City: Colorado Springs County: El Paso	Begin: Oct/02/2018 12:00:00 AM Lane: WB Operator: EP Speed Limit: 25 AADT Factor: 1	End: Oct/03/2018 12:00:00 AM Hours: 24.00 Period: 15 Raw Count: 172 AADT Count: 172		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue, Oct/02/2018

[18:00-18:15]	5	29 MPH	32 F	---
[18:15-18:30]	1	28 MPH	32 F	---
[18:30-18:45]	1	32 MPH	32 F	---
[18:45-19:00]	1	0 MPH	32 F	---
[19:00-19:15]	0	0 MPH	32 F	---
[19:15-19:30]	1	52 MPH	32 F	---
[19:30-19:45]	3	29 MPH	32 F	---
[19:45-20:00]	1	28 MPH	32 F	---
[20:00-20:15]	1	32 MPH	32 F	---
[20:15-20:30]	2	32 MPH	32 F	---
[20:30-20:45]	2	28 MPH	32 F	---
[20:45-21:00]	0	0 MPH	32 F	---
[21:00-21:15]	0	0 MPH	32 F	---
[21:15-21:30]	1	28 MPH	32 F	---
[21:30-21:45]	1	38 MPH	32 F	---
[21:45-22:00]	0	0 MPH	32 F	---
[22:00-22:15]	0	0 MPH	32 F	---
[22:15-22:30]	1	28 MPH	32 F	---
[22:30-22:45]	1	32 MPH	32 F	---
[22:45-23:00]	0	0 MPH	32 F	---
[23:00-23:15]	0	0 MPH	32 F	---
[23:15-23:30]	0	0 MPH	32 F	---
[23:30-23:45]	0	0 MPH	32 F	---
[23:45-00:00]	0	0 MPH	32 F	---

Oct/02/2018 12:00:00 AM		
Oct/03/2018 12:00:00 AM	172	30 MPH 32 F