

**MH Corbin Traffic Analyzer Study  
Computer Generated Summary Report  
City: Colorado Springs  
Street: Vincent N of Shrider**

A study of vehicle traffic was conducted with the device having serial number 402803. The study was done in the NB lane at Vincent N of Shrider 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 218 vehicles passed through the location with a peak volume of 13 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 218.

**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 34 MPH with 33.33% vehicles exceeding the posted speed of 30.0 MPH. 1.93 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 39.02 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	0	2	11	39	86	46	13	2	4	0	1	1	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 112 which represents 54 percent of the total classified vehicles. The number of Vans & Pickups in the study was 84 which represents 41 percent of the total classified vehicles. The number of Busses & Trucks in the study was 4 which represents 2 percent of the total classified vehicles. The number of Tractor Trailers in the study was 7 which represents 3 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 >												
112	84	1	3	5	2	0	0												

CHART 2

**HEADWAY**

During the peak traffic period, on Oct/02/2018 at [17:00-17:15] the average headway between vehicles was 64.286 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: 402803 Street: Vincent N of Shrider State: CO City: Colorado Springs County: El Paso	Begin: Oct/02/2018 12:00:00 AM Lane: NB Operator: EP Speed Limit: 30.0 AADT Factor: 1	End: Oct/03/2018 12:00:00 AM Hours: 24.00 Period: 15 Raw Count: 218 AADT Count: 218		
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	22 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	28 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]	0	0 MPH	32 F	---
[06:00-06:15]	1	42 MPH	32 F	---
[06:15-06:30]	0	0 MPH	32 F	---
[06:30-06:45]	0	0 MPH	32 F	---
[06:45-07:00]	2	28 MPH	32 F	---
[07:00-07:15]	3	26 MPH	32 F	---
[07:15-07:30]	3	34 MPH	32 F	---
[07:30-07:45]	0	0 MPH	32 F	---
[07:45-08:00]	3	36 MPH	32 F	---
[08:00-08:15]	2	28 MPH	32 F	---
[08:15-08:30]	1	32 MPH	32 F	---
[08:30-08:45]	2	30 MPH	32 F	---
[08:45-09:00]	4	45 MPH	32 F	---

## Date/Time/Volume/Average Speed/Temperature Report

Device ID: 402803 Street: Vincent N of Shrider State: CO City: Colorado Springs County: El Paso	Begin: Oct/02/2018 12:00:00 AM Lane: NB Operator: EP Speed Limit: 30.0 AADT Factor: 1	End: Oct/03/2018 12:00:00 AM Hours: 24.00 Period: 15 Raw Count: 218 AADT Count: 218		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue, Oct/02/2018

[09:00-09:15]	1	38 MPH	32 F	---
[09:15-09:30]	1	32 MPH	32 F	---
[09:30-09:45]	4	32 MPH	32 F	---
[09:45-10:00]	2	42 MPH	32 F	---
[10:00-10:15]	2	33 MPH	32 F	---
[10:15-10:30]	0	0 MPH	32 F	---
[10:30-10:45]	2	32 MPH	32 F	---
[10:45-11:00]	0	0 MPH	32 F	---
[11:00-11:15]	8	31 MPH	32 F	---
[11:15-11:30]	3	36 MPH	32 F	---
[11:30-11:45]	5	30 MPH	32 F	---
[11:45-12:00]	10	35 MPH	32 F	---
[12:00-12:15]	8	31 MPH	32 F	---
[12:15-12:30]	6	41 MPH	32 F	---
[12:30-12:45]	8	34 MPH	32 F	---
[12:45-13:00]	1	28 MPH	32 F	---
[13:00-13:15]	4	34 MPH	32 F	---
[13:15-13:30]	7	32 MPH	32 F	---
[13:30-13:45]	3	31 MPH	32 F	---
[13:45-14:00]	6	42 MPH	32 F	---
[14:00-14:15]	2	37 MPH	32 F	---
[14:15-14:30]	6	36 MPH	32 F	---
[14:30-14:45]	2	35 MPH	32 F	---
[14:45-15:00]	2	38 MPH	32 F	---
[15:00-15:15]	5	36 MPH	32 F	---
[15:15-15:30]	3	27 MPH	32 F	---
[15:30-15:45]	3	34 MPH	32 F	---
[15:45-16:00]	4	43 MPH	32 F	---
[16:00-16:15]	3	47 MPH	32 F	---
[16:15-16:30]	8	33 MPH	32 F	---
[16:30-16:45]	3	37 MPH	32 F	---
[16:45-17:00]	7	32 MPH	32 F	---
[17:00-17:15]	13	33 MPH	32 F	---
[17:15-17:30]	6	30 MPH	32 F	---
[17:30-17:45]	10	30 MPH	32 F	---
[17:45-18:00]	5	36 MPH	32 F	---

## Date/Time/Volume/Average Speed/Temperature Report

Device ID: 402803 Street: Vincent N of Shrider State: CO City: Colorado Springs County: El Paso	Begin: Oct/02/2018 12:00:00 AM Lane: NB Operator: EP Speed Limit: 30.0 AADT Factor: 1	End: Oct/03/2018 12:00:00 AM Hours: 24.00 Period: 15 Raw Count: 218 AADT Count: 218		
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]	6	35 MPH	32 F	---
[18:30-18:45]	0	0 MPH	32 F	---
[18:45-19:00]	2	30 MPH	32 F	---
[19:00-19:15]	3	36 MPH	32 F	---
[19:15-19:30]	1	28 MPH	32 F	---
[19:30-19:45]	1	38 MPH	32 F	---
[19:45-20:00]	1	38 MPH	32 F	---
[20:00-20:15]	2	30 MPH	32 F	---
[20:15-20:30]	2	33 MPH	32 F	---
[20:30-20:45]	3	33 MPH	32 F	---
[20:45-21:00]	1	42 MPH	32 F	---
[21:00-21:15]	2	45 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]	2	33 MPH	32 F	---
[22:00-22:15]	1	28 MPH	32 F	---
[22:15-22:30]	1	28 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]	2	30 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]	1	28 MPH	32 F	---

Oct/02/2018 12:00:00 AM		
Oct/03/2018 12:00:00 AM	218	34 MPH 32 F

**MH Corbin Traffic Analyzer Study  
Computer Generated Summary Report  
City: Colorado Springs  
Street: Vincent N of Shrider**

A study of vehicle traffic was conducted with the device having serial number 401567. The study was done in the SB lane at Vincent N of Shrider 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 209 vehicles passed through the location with a peak volume of 9 on Oct/02/2018 at [07:00-07:15] and a minimum volume of 0 on Oct/02/2018 at [19:00-19:15]. The AADT count for this study was 209.

**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 30.77% vehicles exceeding the posted speed of 30.0 MPH. 4.33 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 39.85 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 >					
11	1	0	13	58	61	33	11	8	0	3	1	1	1	6					

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 110 which represents 53 percent of the total classified vehicles. The number of Vans & Pickups in the study was 65 which represents 31 percent of the total classified vehicles. The number of Busses & Trucks in the study was 17 which represents 8 percent of the total classified vehicles. The number of Tractor Trailers in the study was 16 which represents 8 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 >												
110	65	14	3	4	5	4	3												

CHART 2

**HEADWAY**

During the peak traffic period, on Oct/02/2018 at [07:00-07:15] 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: 401567 Street: Vincent N of Shrider State: CO City: Colorado Springs County: El Paso	Begin: Oct/02/2018 12:00:00 AM Lane: SB Operator: EP Speed Limit: 30.0 AADT Factor: 1	End: Oct/03/2018 12:00:00 AM Hours: 24.00 Period: 15 Raw Count: 209 AADT Count: 209		
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	48 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]	1	75 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	22 MPH	32 F	---
[06:00-06:15]	0	0 MPH	32 F	---
[06:15-06:30]	1	72 MPH	32 F	---
[06:30-06:45]	5	28 MPH	32 F	---
[06:45-07:00]	5	33 MPH	32 F	---
[07:00-07:15]	9	30 MPH	32 F	---
[07:15-07:30]	5	35 MPH	32 F	---
[07:30-07:45]	6	32 MPH	32 F	---
[07:45-08:00]	6	39 MPH	32 F	---
[08:00-08:15]	4	43 MPH	32 F	---
[08:15-08:30]	2	18 MPH	32 F	---
[08:30-08:45]	4	30 MPH	32 F	---
[08:45-09:00]	3	20 MPH	32 F	---

## Date/Time/Volume/Average Speed/Temperature Report

Device ID: 401567 Street: Vincent N of Shrider State: CO City: Colorado Springs County: El Paso	Begin: Oct/02/2018 12:00:00 AM Lane: SB Operator: EP Speed Limit: 30.0 AADT Factor: 1	End: Oct/03/2018 12:00:00 AM Hours: 24.00 Period: 15 Raw Count: 209 AADT Count: 209		
Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry

Tue, Oct/02/2018

[09:00-09:15]	3	31 MPH	32 F	---
[09:15-09:30]	0	0 MPH	32 F	---
[09:30-09:45]	6	40 MPH	32 F	---
[09:45-10:00]	2	23 MPH	32 F	---
[10:00-10:15]	4	33 MPH	32 F	---
[10:15-10:30]	6	41 MPH	32 F	---
[10:30-10:45]	2	25 MPH	32 F	---
[10:45-11:00]	2	30 MPH	32 F	---
[11:00-11:15]	2	30 MPH	32 F	---
[11:15-11:30]	2	25 MPH	32 F	---
[11:30-11:45]	2	35 MPH	32 F	---
[11:45-12:00]	0	0 MPH	32 F	---
[12:00-12:15]	2	54 MPH	32 F	---
[12:15-12:30]	3	49 MPH	32 F	---
[12:30-12:45]	7	32 MPH	32 F	---
[12:45-13:00]	4	35 MPH	32 F	---
[13:00-13:15]	4	33 MPH	32 F	---
[13:15-13:30]	7	30 MPH	32 F	---
[13:30-13:45]	7	30 MPH	32 F	---
[13:45-14:00]	4	36 MPH	32 F	---
[14:00-14:15]	8	31 MPH	32 F	---
[14:15-14:30]	7	26 MPH	32 F	---
[14:30-14:45]	1	42 MPH	32 F	---
[14:45-15:00]	6	31 MPH	32 F	---
[15:00-15:15]	4	30 MPH	32 F	---
[15:15-15:30]	6	30 MPH	32 F	---
[15:30-15:45]	2	25 MPH	32 F	---
[15:45-16:00]	5	32 MPH	32 F	---
[16:00-16:15]	4	29 MPH	32 F	---
[16:15-16:30]	1	38 MPH	32 F	---
[16:30-16:45]	4	33 MPH	32 F	---
[16:45-17:00]	7	27 MPH	32 F	---
[17:00-17:15]	3	39 MPH	32 F	---
[17:15-17:30]	5	28 MPH	32 F	---
[17:30-17:45]	5	41 MPH	32 F	---
[17:45-18:00]	2	33 MPH	32 F	---

## Date/Time/Volume/Average Speed/Temperature Report

Device ID: 401567 Street: Vincent N of Shrider State: CO City: Colorado Springs County: El Paso	Begin: Oct/02/2018 12:00:00 AM Lane: SB Operator: EP Speed Limit: 30.0 AADT Factor: 1	End: Oct/03/2018 12:00:00 AM Hours: 24.00 Period: 15 Raw Count: 209 AADT Count: 209
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Date And Time Range	Period Volume	Average Speed	Roadway Temperature	Roadway Surface Wet/Dry
Tue, Oct/02/2018				
[18:00-18:15]	4	37 MPH	32 F	---
[18:15-18:30]	1	28 MPH	32 F	---
[18:30-18:45]	2	45 MPH	32 F	---
[18:45-19:00]	1	32 MPH	32 F	---
[19:00-19:15]	0	0 MPH	32 F	---
[19:15-19:30]	1	22 MPH	32 F	---
[19:30-19:45]	2	33 MPH	32 F	---
[19:45-20:00]	1	32 MPH	32 F	---
[20:00-20:15]	2	35 MPH	32 F	---
[20:15-20:30]	2	33 MPH	32 F	---
[20:30-20:45]	1	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]	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]	0	0 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]	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	209	33 MPH	32 F
Oct/03/2018 12:00:00 AM			