



NTMP

January 2019

CITY OF ALBUQUERQUE
**MORRIS STREET - PROSPECT AVENUE/
NORMAN AVENUE TO INDIAN SCHOOL ROAD
SPEED STUDY**

NTMP P803000
TASK 11.9

WILSON
& COMPANY
ENGINEERS & ARCHITECTS

City of Albuquerque

MORRIS STREET -

**PROSPECT AVENUE/NORMAN AVENUE TO
INDIAN SCHOOL ROAD**

SPEED STUDY

NTMP P803000

NTP #11 - Task 11.9

WCI 1810002211

January 2019



January 29, 2019



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Appendix A – Traffic Data

Introduction

This report documents the speed study analysis on Morris Street from Prospect Avenue/Norman Avenue to Indian School Road in Albuquerque, New Mexico. The purpose of this project is to collect and analyze the traffic volumes, speed, and safety of Morris Street, a two-way street, from Prospect Avenue/Norman Avenue to Indian School Road to determine if it meets the traffic calming criterion described in the *City of Albuquerque (COA) Neighborhood Traffic Management Program (NTMP)*, February 2015, and the *Institute of Transportation Engineers (ITE) Traffic Engineering Handbook*, 6th Edition.

Project Area and Background

The Morris Street project is located in Albuquerque, New Mexico and is approximately 0.38 miles (2,009 feet) in length. Morris Street is a two-lane, undivided collector street that runs north-south, from Prospect Avenue/Norman Avenue to Indian School Road. Prospect Avenue/Norman Avenue is a two-lane, undivided local street that runs east-west and intersects the north end of Morris Street. Indian School Road is a three-lane, undivided minor arterial that runs east-west and intersects Morris Street at a signalized intersection. See [Figure 1](#) for a map of the project area.



Figure 1: Project Area and Existing Traffic Volumes

Task 11.9: Morris Street from Prospect Avenue/Norman Avenue to Indian School Road

A request has been made to the City of Albuquerque to determine if traffic calming is appropriate for this location. Wilson & Company was tasked by the City of Albuquerque to determine if Morris Street from Prospect Avenue/Norman Avenue to Indian School Road warrants traffic calming measures.

Existing Conditions

Traffic Conditions

Morris Street is an urban local road with an Average Daily Traffic (ADT) of 5,600 vehicles (Counter 1) and 4,974 vehicles (Counter 2), which includes less than 1% heavy vehicles (buses and trucks), and an existing speed limit of 30 mph. See [Appendix A](#) for further information.

Traffic Volumes

Existing tube count data (volume, speed, and class) was collected for 48-hours at the Counter 1 location on Wednesday, October 31, 2018 and Thursday, November 1, 2018, and for 48-hours at the Counter 2 location on Wednesday, October 31, 2018 and November 1, 2018, 2018. See [Figure 1](#) for the peak hour volumes. The full traffic count data can be found in [Appendix A](#).

Safety

Crash Data

Historical crash data was provided by the City of Albuquerque. Three years of crash data (2015, 2016, and 2017) were obtained to evaluate the existing safety condition of Morris Street from Prospect Avenue/Norman Avenue to Indian School Road. See [Table 1](#) for crash summary.

Table 1: Crash Summary

Crash Date	Crash Intersecting Street	Crash Primary Street	Crash Analysis	Severity	Contributing Factors	Crash Correct with Traffic Calming
1/30/2015	Snow Heights Boulevard NE	Morris Street NE	Both going straight/Entering at angle	Injury	Driver inattention	No
4/29/2015	Snow Heights Boulevard NE	Morris Street NE	Both going straight/From same direction	Damage 500 or more	Driver inattention	No
5/15/2015	Snow Heights Boulevard NE	Morris Street NE	Sideswipe collision/Same direction	Damage 500 or more	Driver inattention	No
5/19/2015	Prospect Avenue NE	Morris Street NE	Both going straight/From same direction	Damage 500 or more	Driver inattention, Following too closely	No
2/10/2016	Snow Heights Boulevard NE	Morris Street NE	Both going straight/Entering at angle	Damage 500 or more	Driver inattention	No
3/16/2016	Indian School Road NE	Morris Street NE	Both going straight/Entering at angle	Damage 500 or more	Disregarded traffic signal, Driver inattention	No

Task 11.9: Morris Street from Prospect Avenue/Norman Avenue to Indian School Road

Crash Date	Crash Intersecting Street	Crash Primary Street	Crash Analysis	Severity	Contributing Factors	Crash Correct with Traffic Calming
6/10/2016	Baldwin Avenue NE	Morris Street NE	Both going straight/Entering at angle	Injury	Failed to yield right of way	No
7/16/2016	Indian School Road NE	Morris Street NE	Both going straight/Entering at angle	Injury	None	No
8/7/2016	Snow Heights Boulevard NE	Morris Street NE	Both going straight/Entering at angle	Damage 500 or more	Driver inattention, Failed to yield right of way, Made improper turn	No
9/19/2016	Indian School Road NE	Morris Street NE	Both going straight/From opposite direction	Injury	Disregarded traffic signal, Driver inattention, Failed to yield right of way	No
5/21/2017	Indian School Road NE	Morris Street NE	Both going straight/Entering at angle	Damage under 500	None	No
12/11/2017	Snow Heights Boulevard NE	Morris Street NE	One right turn/Entering at angle	Damage 500 or more	Driver inattention, Failed to yield right of way	No

Crash Analysis

The following observations were concluded from the review of the three years (2015, 2016, and 2017) of crash data (12 total crash):

- 11 of the 12 crashes occurred in clear conditions; One occurred in raining conditions.
- Nine of the crashes resulted in property damage and four resulted in non-fatal injury; and
- 11 of the 12 crashes occurred during the daylight.

Speed

Speed data was collected on Morris Street for a 48-hour period. See [Table 2](#) for the 85th-Percentile speeds for Morris Street.

Table 2: 85th-Percentile Speed

Location	85 th -Percentile Speed	
	Counter 1	Counter 2
Northbound	36 mph	38 mph
Southbound	33 mph	38 mph

See [Table 3](#) for the 10 mph pace speeds for Morris Street.

Table 3: 10 mph Pace Speed

Location	10 mph Pace Speed	
	Counter 1	Counter 2
Northbound	26 - 35 mph	31 - 40 mph
Southbound	26 - 35 mph	31 - 40 mph

Speed data can be found in the traffic counts located in [Appendix A](#). The 85th-percentile speed does exceed the posted speed limit by 5 mph or more (30 mph) for northbound Morris Street at the Counter 1 location and both northbound and southbound Morris Street at the Counter 2 location.

Typical Sections

Morris Street is a 40-ft wide roadway with bicycle lanes in each direction, curb and gutter and 4-ft wide sidewalks. See [Figure 3](#) and [Figure 4](#) for photos of the existing roadway, and [Figure 5](#) for the existing Morris Street typical section.



Figure 2: Morris Street Speed Limit



Figure 3: Morris Street looking north



Figure 4: Morris Street looking south

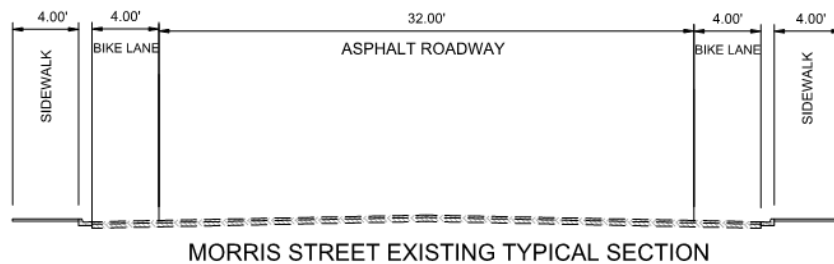


Figure 5: Morris Street Existing Typical Section

NTMP Traffic Calming Criteria

In order to meet the traffic calming criterion described in the *COA NTMP*, two or more of the following threshold criteria must be met:

1. Reported crashes in the past 3 years that could be corrected with traffic calming
2. Peak-hour traffic volume greater than 400 vehicles in one direction
3. 25 percent of peak-hour traffic is non-local cut-through traffic
4. 85th-percentile speed exceeds the posted speed limit by 5 mph or more

Summary of Results

The six crashes that were reported in the past 3 years, could not have been corrected with traffic calming. The peak-hour traffic volumes for Morris Street were less than 400 vehicles for both northbound and southbound directions. The 85th-percentile speed does exceed the posted speed limit by 5 mph. See [Table 4](#) for the summary of results for Morris Street from Prospect Avenue/Norman Avenue to Indian School Road.

Table 4: Summary of Results

COA NMTP Threshold Criteria	Warranted?
1. Reported crashes in the past 3 years that could be corrected with traffic calming	No
2. Peak-hour traffic volume greater than 400 vehicles in one direction	No
3. 25 percent of peak-hour traffic is non-local cut-through traffic	Not studied
4. 85 th -percentile speed exceeds the posted speed limit by 5 mph or more	Yes

Recommendations

After analyzing the crash, volume, and speed data, it was determined that Morris Street from Prospect Avenue/Norman Avenue to Indian School Road meets one of the four (4) criteria and, therefore, **does not** meet the minimum traffic calming criterion as described in the *COA NTMP* at this time.

Appendix A – Traffic Data

Site Code: MORRIS NORTH
 Station ID:

Latitude: 0' 0.0000 South
 Latitude: 0' 0.0000 South

Start Time	29-Oct-18		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	South Bou	North Bo	South Bo	North Bo	South Bo	North Bo	South Bo	North Bo	South Bo	North Bo	South Bo	North Bo	South Bo	North Bo	South Bo	North Bo
12:00 AM	*	*	*	*	14	9	12	13	16	13	*	*	*	*	14	12
01:00	*	*	*	*	8	5	10	12	12	12	*	*	*	*	10	10
02:00	*	*	*	*	9	6	10	10	13	4	*	*	*	*	11	7
03:00	*	*	*	*	4	7	6	7	4	2	*	*	*	*	5	5
04:00	*	*	*	*	2	8	10	9	4	8	*	*	*	*	5	8
05:00	*	*	*	*	15	11	11	9	14	16	*	*	*	*	13	12
06:00	*	*	*	*	39	50	47	49	35	56	*	*	*	*	40	52
07:00	*	*	*	*	180	173	187	184	177	140	*	*	*	*	181	166
08:00	*	*	*	*	171	138	184	159	167	174	*	*	*	*	174	157
09:00	*	*	*	*	133	111	128	130	130	115	*	*	*	*	130	119
10:00	*	*	*	*	175	192	162	148	*	*	*	*	*	*	168	170
11:00	*	*	*	*	146	144	137	164	*	*	*	*	*	*	142	154
12:00 PM	*	*	*	*	215	189	195	147	*	*	*	*	*	*	205	168
01:00	*	*	179	184	233	184	190	172	*	*	*	*	*	*	201	180
02:00	*	*	214	159	206	201	193	182	*	*	*	*	*	*	204	181
03:00	*	*	252	246	225	230	249	239	*	*	*	*	*	*	242	238
04:00	*	*	253	245	254	256	246	272	*	*	*	*	*	*	251	258
05:00	*	*	269	251	259	267	259	255	*	*	*	*	*	*	262	258
06:00	*	*	196	175	177	180	205	184	*	*	*	*	*	*	193	180
07:00	*	*	168	145	147	100	159	142	*	*	*	*	*	*	158	129
08:00	*	*	118	96	152	105	134	101	*	*	*	*	*	*	135	101
09:00	*	*	63	60	111	98	74	40	*	*	*	*	*	*	83	66
10:00	*	*	53	43	53	45	52	40	*	*	*	*	*	*	53	43
11:00	*	*	25	21	25	26	22	27	*	*	*	*	*	*	24	25
Lane Day	0	0	1790	1625	2953	2735	2882	2695	572	540	0	0	0	0	2904	2699
AM Peak Vol.	-	-	-	-	07:00	10:00	07:00	07:00	07:00	08:00	-	-	-	-	07:00	10:00
PM Peak Vol.	-	-	17:00	17:00	17:00	17:00	17:00	16:00	-	-	-	-	-	-	17:00	16:00
Comb. Total	0		3415		5688		5577		1112		0		0		5603	
ADT	ADT 5,600		AADT 5,600													

Comb. Total: 0, 3415, 5688, 5577, 1112, 0, 0, 5603
 ADT: ADT 5,600, AADT 5,600

Site Code: MORRIS NORTH
 Station ID:

Latitude: 0' 0.0000 South
 Latitude: 0' 0.0000 South

South Bound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
10/31/18	0	2	2	4	4	2	0	0	0	0	0	0	0	0	14	26-35	8
01:00	0	0	0	6	2	0	0	0	0	0	0	0	0	0	8	25-34	8
02:00	0	1	2	6	0	0	0	0	0	0	0	0	0	0	9	21-30	8
03:00	0	0	0	2	2	0	0	0	0	0	0	0	0	0	4	25-34	4
04:00	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2	29-38	2
05:00	0	0	1	5	6	1	2	0	0	0	0	0	0	0	15	26-35	11
06:00	2	0	4	10	22	1	0	0	0	0	0	0	0	0	39	26-35	32
07:00	122	20	10	16	9	3	0	0	0	0	0	0	0	0	180	6-15	81
08:00	11	3	27	69	53	7	1	0	0	0	0	0	0	0	171	26-35	122
09:00	9	3	16	51	44	7	3	0	0	0	0	0	0	0	133	26-35	95
10:00	21	5	21	81	37	9	1	0	0	0	0	0	0	0	175	26-35	118
11:00	13	5	13	58	42	12	2	0	1	0	0	0	0	0	146	26-35	100
12 PM	22	6	33	76	59	19	0	0	0	0	0	0	0	0	215	26-35	135
13:00	42	25	59	78	27	2	0	0	0	0	0	0	0	0	233	21-30	137
14:00	117	12	11	34	23	8	0	0	0	0	0	0	0	1	206	1-10	78
15:00	3	1	14	96	95	14	1	1	0	0	0	0	0	0	225	26-35	191
16:00	5	4	23	106	90	23	2	1	0	0	0	0	0	0	254	26-35	196
17:00	4	1	23	78	123	27	3	0	0	0	0	0	0	0	259	26-35	201
18:00	2	2	21	79	58	13	1	1	0	0	0	0	0	0	177	26-35	137
19:00	3	8	28	62	37	6	1	1	0	0	0	0	1	0	147	26-35	99
20:00	2	5	26	78	34	6	1	0	0	0	0	0	0	0	152	26-35	112
21:00	2	3	14	53	33	5	1	0	0	0	0	0	0	0	111	26-35	86
22:00	1	1	7	27	14	3	0	0	0	0	0	0	0	0	53	26-35	41
23:00	0	2	6	8	6	2	1	0	0	0	0	0	0	0	25	21-30	14
Total	381	109	361	1083	821	171	20	4	1	0	0	0	1	1	2953		
Percent	12.9%	3.7%	12.2%	36.7%	27.8%	5.8%	0.7%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	07:00	08:00	10:00	08:00	11:00	09:00		11:00							07:00	
Vol.	122	20	27	81	53	12	3		1							180	
PM Peak	14:00	13:00	13:00	16:00	17:00	17:00	17:00	15:00				19:00	14:00	17:00			
Vol.	117	25	59	106	123	27	3	1				1	1	259			

Site Code: MORRIS NORTH
 Station ID:

Latitude: 0' 0.0000 South
 Latitude: 0' 0.0000 South

South Bound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
11/01/18	0	1	1	4	4	2	0	0	0	0	0	0	0	0	12	26-35	8
01:00	0	0	1	4	2	3	0	0	0	0	0	0	0	0	10	24-33	6
02:00	1	0	1	4	3	1	0	0	0	0	0	0	0	0	10	25-34	7
03:00	0	0	1	2	1	1	0	1	0	0	0	0	0	0	6	26-35	3
04:00	0	0	0	3	6	0	1	0	0	0	0	0	0	0	10	26-35	9
05:00	0	0	0	5	6	0	0	0	0	0	0	0	0	0	11	26-35	11
06:00	0	2	2	20	17	6	0	0	0	0	0	0	0	0	47	26-35	37
07:00	128	25	9	18	4	3	0	0	0	0	0	0	0	0	187	6-15	85
08:00	16	6	17	62	72	8	3	0	0	0	0	0	0	0	184	26-35	134
09:00	2	2	19	36	56	11	2	0	0	0	0	0	0	0	128	26-35	92
10:00	4	1	7	66	67	17	0	0	0	0	0	0	0	0	162	26-35	133
11:00	8	3	10	51	52	13	0	0	0	0	0	0	0	0	137	26-35	103
12 PM	6	7	22	72	74	13	1	0	0	0	0	0	0	0	195	26-35	146
13:00	24	7	29	57	52	14	7	0	0	0	0	0	0	0	190	26-35	109
14:00	64	15	18	45	41	8	2	0	0	0	0	0	0	0	193	26-35	86
15:00	15	3	14	101	94	18	3	0	0	0	0	0	0	1	249	26-35	195
16:00	9	4	31	92	93	14	3	0	0	0	0	0	0	0	246	26-35	185
17:00	8	8	32	86	105	20	0	0	0	0	0	0	0	0	259	26-35	191
18:00	3	3	29	90	68	9	1	0	2	0	0	0	0	0	205	26-35	158
19:00	1	6	16	60	65	9	2	0	0	0	0	0	0	0	159	26-35	125
20:00	1	2	13	52	53	11	2	0	0	0	0	0	0	0	134	26-35	105
21:00	0	2	12	30	26	3	0	1	0	0	0	0	0	0	74	26-35	56
22:00	0	1	7	18	20	4	2	0	0	0	0	0	0	0	52	26-35	38
23:00	0	1	1	12	6	2	0	0	0	0	0	0	0	0	22	26-35	18
Total	290	99	292	990	987	190	29	2	2	0	0	0	0	1	2882		
Percent	10.1%	3.4%	10.1%	34.4%	34.2%	6.6%	1.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	07:00	09:00	10:00	08:00	10:00	08:00	03:00							07:00		
Vol.	128	25	19	66	72	17	3	1							187		
PM Peak	14:00	14:00	17:00	15:00	17:00	17:00	13:00	21:00	18:00				15:00	17:00			
Vol.	64	15	32	101	105	20	7	1	2				1	259			

Stats	10 MPH Pace Speed :	26-35 MPH
	Number in Pace :	5389
	Percent in Pace :	65.7%
	Number of Vehicles > 30 MPH :	3087
	Percent of Vehicles > 30 MPH :	37.7%
	Mean Speed(Average) :	27 MPH

Site Code: MORRIS NORTH
 Station ID:

Latitude: 0' 0.0000 South
 Latitude: 0' 0.0000 South

North Bound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
10/30/18	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	23	19	29	48	49	11	5	0	0	0	0	0	0	0	184	26-35	97
14:00	32	37	12	24	31	18	4	1	0	0	0	0	0	0	159	26-35	55
15:00	11	3	22	82	89	32	5	2	0	0	0	0	0	0	246	26-35	171
16:00	5	2	20	58	103	36	17	3	0	1	0	0	0	0	245	26-35	161
17:00	8	2	21	67	113	34	6	0	0	0	0	0	0	0	251	26-35	180
18:00	3	1	8	44	79	32	8	0	0	0	0	0	0	0	175	26-35	123
19:00	5	1	13	31	64	24	7	0	0	0	0	0	0	0	145	26-35	95
20:00	1	0	7	38	38	11	0	1	0	0	0	0	0	0	96	26-35	76
21:00	0	0	10	19	21	9	1	0	0	0	0	0	0	0	60	26-35	40
22:00	2	0	5	12	17	6	1	0	0	0	0	0	0	0	43	26-35	29
23:00	0	0	2	6	9	1	2	0	1	0	0	0	0	0	21	26-35	15
Total	90	65	149	429	613	214	56	7	1	1	0	0	0	0	1625		
Percent	5.5%	4.0%	9.2%	26.4%	37.7%	13.2%	3.4%	0.4%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.																	
PM Peak Vol.	14:00	14:00	13:00	15:00	17:00	16:00	16:00	16:00	23:00	16:00					17:00		
	32	37	29	82	113	36	17	3	1	1					251		

Site Code: MORRIS NORTH
 Station ID:

Latitude: 0' 0.0000 South
 Latitude: 0' 0.0000 South

North Bound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
10/31/18	0	0	1	3	4	1	0	0	0	0	0	0	0	0	9	26-35	7
01:00	1	0	1	1	0	2	0	0	0	0	0	0	0	0	5	19-28	2
02:00	0	1	1	3	0	1	0	0	0	0	0	0	0	0	6	21-30	4
03:00	0	0	1	0	1	5	0	0	0	0	0	0	0	0	7	31-40	6
04:00	0	0	2	0	1	2	1	1	0	1	0	0	0	0	8	36-45	3
05:00	0	0	0	0	8	1	1	1	0	0	0	0	0	0	11	31-40	9
06:00	2	0	6	14	16	9	2	1	0	0	0	0	0	0	50	26-35	30
07:00	42	58	21	19	18	14	1	0	0	0	0	0	0	0	173	16-25	79
08:00	4	1	13	35	53	25	6	1	0	0	0	0	0	0	138	26-35	88
09:00	3	4	7	30	44	21	2	0	0	0	0	0	0	0	111	26-35	74
10:00	11	5	18	54	66	34	3	1	0	0	0	0	0	0	192	26-35	120
11:00	3	1	12	49	50	25	3	1	0	0	0	0	0	0	144	26-35	99
12 PM	12	5	33	52	58	24	4	1	0	0	0	0	0	0	189	26-35	110
13:00	24	23	50	56	26	5	0	0	0	0	0	0	0	0	184	21-30	106
14:00	53	45	16	24	39	13	10	1	0	0	0	0	0	0	201	11-20	63
15:00	2	2	14	60	87	62	2	1	0	0	0	0	0	0	230	31-40	149
16:00	9	3	21	43	109	57	12	2	0	0	0	0	0	0	256	31-40	166
17:00	8	3	16	52	124	56	8	0	0	0	0	0	0	0	267	31-40	180
18:00	4	3	12	55	73	26	5	2	0	0	0	0	0	0	180	26-35	128
19:00	3	2	15	29	33	16	1	1	0	0	0	0	0	0	100	26-35	62
20:00	0	5	13	36	38	12	0	1	0	0	0	0	0	0	105	26-35	74
21:00	1	2	9	14	53	13	4	2	0	0	0	0	0	0	98	26-35	67
22:00	1	0	6	8	11	10	9	0	0	0	0	0	0	0	45	30-39	21
23:00	0	0	3	7	9	4	2	1	0	0	0	0	0	0	26	26-35	16
Total	183	163	291	644	921	438	76	18	0	1	0	0	0	0	2735		
Percent	6.7%	6.0%	10.6%	23.5%	33.7%	16.0%	2.8%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	07:00	07:00	10:00	10:00	10:00	08:00	04:00		04:00					10:00		
Vol.	42	58	21	54	66	34	6	1		1					192		
PM Peak	14:00	14:00	13:00	15:00	17:00	15:00	16:00	16:00							17:00		
Vol.	53	45	50	60	124	62	12	2							267		

Site Code: MORRIS NORTH
 Station ID:

Latitude: 0' 0.0000 South
 Latitude: 0' 0.0000 South

North Bound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
11/01/18	0	0	0	3	5	4	1	0	0	0	0	0	0	0	13	31-40	9
01:00	0	0	0	3	3	3	3	0	0	0	0	0	0	0	12	26-35	6
02:00	1	0	0	1	3	2	3	0	0	0	0	0	0	0	10	29-38	5
03:00	0	1	1	2	2	0	1	0	0	0	0	0	0	0	7	26-35	4
04:00	0	1	0	2	3	2	1	0	0	0	0	0	0	0	9	31-40	5
05:00	0	0	3	1	1	2	2	0	0	0	0	0	0	0	9	36-45	4
06:00	0	0	7	12	12	10	5	2	0	1	0	0	0	0	49	26-35	24
07:00	52	61	21	15	17	16	2	0	0	0	0	0	0	0	184	16-25	82
08:00	3	2	16	36	51	36	14	1	0	0	0	0	0	0	159	26-35	87
09:00	2	2	10	32	43	30	8	1	1	0	1	0	0	0	130	26-35	75
10:00	1	1	9	37	64	27	5	3	1	0	0	0	0	0	148	26-35	101
11:00	5	2	16	32	54	48	4	3	0	0	0	0	0	0	164	31-40	102
12 PM	7	1	12	21	65	34	7	0	0	0	0	0	0	0	147	31-40	99
13:00	13	10	7	50	67	20	5	0	0	0	0	0	0	0	172	26-35	117
14:00	25	39	18	20	50	27	3	0	0	0	0	0	0	0	182	31-40	77
15:00	16	2	19	48	95	43	14	2	0	0	0	0	0	0	239	26-35	143
16:00	14	3	12	72	118	42	7	4	0	0	0	0	0	0	272	26-35	190
17:00	10	3	14	64	108	50	5	0	1	0	0	0	0	0	255	26-35	172
18:00	3	3	22	48	69	27	10	0	1	0	1	0	0	0	184	26-35	117
19:00	2	0	18	41	55	18	7	0	1	0	0	0	0	0	142	26-35	96
20:00	1	0	15	25	31	25	3	1	0	0	0	0	0	0	101	31-40	56
21:00	0	0	3	8	17	9	3	0	0	0	0	0	0	0	40	31-40	26
22:00	0	0	6	8	13	9	2	2	0	0	0	0	0	0	40	29-38	22
23:00	0	0	3	6	9	5	3	1	0	0	0	0	0	0	27	26-35	15
Total	155	131	232	587	955	489	118	20	5	1	2	0	0	0	2695		
Percent	5.8%	4.9%	8.6%	21.8%	35.4%	18.1%	4.4%	0.7%	0.2%	0.0%	0.1%	0.0%	0.0%	0.0%			
AM Peak	07:00	07:00	07:00	10:00	10:00	11:00	08:00	10:00	09:00	06:00	09:00				07:00		
Vol.	52	61	21	37	64	48	14	3	1	1	1				184		
PM Peak	14:00	14:00	18:00	16:00	16:00	17:00	15:00	16:00	17:00		18:00				16:00		
Vol.	25	39	22	72	118	50	14	4	1		1				272		

Stats	10 MPH Pace Speed :	26-35 MPH
	Number in Pace :	4397
	Percent in Pace :	57.9%
	Number of Vehicles > 30 MPH :	4221
	Percent of Vehicles > 30 MPH :	55.6%
	Mean Speed(Average) :	30 MPH

Site Code: MORRIS NORTH
 Station ID:

Latitude: 0' 0.0000 South
 Latitude: 0' 0.0000 South

South Bound, North Bound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
10/30/18	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	15	262	53	1	5	1	1	1	0	0	0	0	0	24	363
14:00	10	265	59	0	9	2	0	1	0	0	0	0	0	27	373
15:00	4	383	72	0	12	1	0	0	0	0	0	0	0	26	498
16:00	2	390	87	0	10	0	0	0	0	0	0	0	0	9	498
17:00	7	412	80	0	8	1	0	0	0	0	0	0	0	12	520
18:00	1	313	42	0	6	0	0	0	0	0	0	0	0	9	371
19:00	0	256	43	0	8	0	0	0	0	0	0	0	0	6	313
20:00	0	190	20	0	3	0	0	0	0	0	0	0	0	1	214
21:00	0	110	12	0	1	0	0	0	0	0	0	0	0	0	123
22:00	2	85	4	0	0	0	0	1	0	0	0	0	0	4	96
23:00	0	40	6	0	0	0	0	0	0	0	0	0	0	0	46
Total	41	2706	478	1	62	5	1	3	0	0	0	0	0	118	3415
Percent	1.2%	79.2%	14.0%	0.0%	1.8%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	3.5%	
AM Peak Vol.															
PM Peak Vol.	13:00	17:00	16:00	13:00	15:00	14:00	13:00	13:00						14:00	17:00
	15	412	87	1	12	2	1	1						27	520

Site Code: MORRIS NORTH
 Station ID:

Latitude: 0' 0.0000 South
 Latitude: 0' 0.0000 South

South Bound, North Bound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
10/31/18	0	21	2	0	0	0	0	0	0	0	0	0	0	0	23
01:00	0	10	2	0	0	0	0	0	0	0	0	0	0	1	13
02:00	0	13	2	0	0	0	0	0	0	0	0	0	0	0	15
03:00	0	11	0	0	0	0	0	0	0	0	0	0	0	0	11
04:00	0	8	2	0	0	0	0	0	0	0	0	0	0	0	10
05:00	0	19	7	0	0	0	0	0	0	0	0	0	0	0	26
06:00	0	64	19	1	0	1	0	0	0	0	0	0	0	4	89
07:00	13	251	42	2	5	4	0	0	0	0	0	0	0	36	353
08:00	4	242	38	2	12	0	0	2	0	0	0	0	0	9	309
09:00	2	185	36	0	13	0	0	1	0	0	0	0	0	7	244
10:00	5	261	64	0	16	0	0	1	0	0	0	0	0	20	367
11:00	2	220	46	0	10	0	0	1	0	0	0	0	0	11	290
12 PM	6	302	54	0	12	2	0	2	1	1	0	0	0	24	404
13:00	7	316	65	1	12	0	0	0	0	0	0	0	0	16	417
14:00	4	291	57	2	17	0	0	1	0	0	0	0	0	35	407
15:00	2	367	69	0	15	0	0	0	0	0	0	0	0	2	455
16:00	2	400	79	0	14	2	0	0	0	0	0	0	0	13	510
17:00	0	440	58	0	15	0	0	1	0	0	0	0	0	12	526
18:00	1	281	60	0	8	0	0	1	0	0	0	0	0	6	357
19:00	1	203	33	0	5	0	0	0	0	0	0	0	0	5	247
20:00	0	212	43	0	2	0	0	0	0	0	0	0	0	0	257
21:00	0	180	24	0	2	0	0	0	0	0	0	0	0	3	209
22:00	2	78	16	0	1	0	0	0	0	0	0	0	0	1	98
23:00	1	44	5	0	1	0	0	0	0	0	0	0	0	0	51
Total	52	4419	823	8	160	9	0	10	1	1	0	0	0	205	5688
Percent	0.9%	77.7%	14.5%	0.1%	2.8%	0.2%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	3.6%	
AM Peak	07:00	10:00	10:00	07:00	10:00	07:00		08:00						07:00	10:00
Vol.	13	261	64	2	16	4		2						36	367
PM Peak	13:00	17:00	16:00	14:00	14:00	12:00		12:00	12:00	12:00				14:00	17:00
Vol.	7	440	79	2	17	2		2	1	1				35	526

Site Code: MORRIS NORTH
 Station ID:

Latitude: 0' 0.0000 South
 Latitude: 0' 0.0000 South

South Bound, North Bound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
11/01/18	0	20	4	0	1	0	0	0	0	0	0	0	0	0	25
01:00	0	18	3	0	1	0	0	0	0	0	0	0	0	0	22
02:00	0	17	1	0	0	0	0	0	0	0	0	0	0	2	20
03:00	0	13	0	0	0	0	0	0	0	0	0	0	0	0	13
04:00	0	18	1	0	0	0	0	0	0	0	0	0	0	0	19
05:00	0	16	3	0	1	0	0	0	0	0	0	0	0	0	20
06:00	0	67	24	1	3	1	0	0	0	0	0	0	0	0	96
07:00	7	276	47	0	11	1	0	0	0	0	0	0	0	29	371
08:00	5	264	51	1	11	0	0	0	0	0	0	0	0	11	343
09:00	1	197	48	1	6	1	0	0	0	0	0	0	0	4	258
10:00	1	246	52	0	6	1	0	0	0	0	0	0	0	4	310
11:00	5	232	44	0	8	2	0	0	0	0	0	0	0	10	301
12 PM	2	249	66	0	12	2	0	0	1	0	0	0	0	10	342
13:00	5	274	56	0	7	1	0	1	0	0	0	0	0	18	362
14:00	4	274	60	2	10	1	0	2	0	1	0	0	0	21	375
15:00	6	366	73	0	14	1	0	2	0	0	0	0	0	26	488
16:00	5	392	90	0	8	0	0	0	0	0	0	0	0	23	518
17:00	6	403	81	0	9	0	0	0	0	0	0	0	0	15	514
18:00	1	328	49	0	6	0	0	1	0	0	0	0	0	4	389
19:00	1	246	46	0	5	0	0	0	0	0	0	0	0	3	301
20:00	0	199	32	0	2	0	0	0	0	0	0	0	0	2	235
21:00	1	94	18	0	1	0	0	0	0	0	0	0	0	0	114
22:00	0	78	12	0	2	0	0	0	0	0	0	0	0	0	92
23:00	0	45	4	0	0	0	0	0	0	0	0	0	0	0	49
Total	50	4332	865	5	124	11	0	6	1	1	0	0	0	182	5577
Percent	0.9%	77.7%	15.5%	0.1%	2.2%	0.2%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	3.3%	
AM Peak	07:00	07:00	10:00	06:00	07:00	11:00								07:00	07:00
Vol.	7	276	52	1	11	2								29	371
PM Peak	15:00	17:00	16:00	14:00	15:00	12:00		14:00	12:00	14:00				15:00	16:00
Vol.	6	403	90	2	14	2		2	1	1				26	518

Site Code: MORRIS SOUTH
 Station ID:

Latitude: 0' 0.0000 South
 Latitude: 0' 0.0000 South

Start Time	29-Oct-18		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	South Bo	North Bo	South Bo	North Bo	South Bo	North Bo	South Bo	North Bo	South Bo	North Bo	South Bo	North Bo	South Bo	North Bo	South Bo	North Bo
12:00 AM	*	*	*	*	11	6	9	17	14	12	*	*	*	*	11	12
01:00	*	*	*	*	11	3	11	12	11	13	*	*	*	*	11	9
02:00	*	*	*	*	10	5	9	9	13	2	*	*	*	*	11	5
03:00	*	*	*	*	2	7	8	5	4	4	*	*	*	*	5	5
04:00	*	*	*	*	4	8	10	10	8	9	*	*	*	*	7	9
05:00	*	*	*	*	19	10	14	10	16	11	*	*	*	*	16	10
06:00	*	*	*	*	46	38	58	37	39	37	*	*	*	*	48	37
07:00	*	*	*	*	157	163	172	184	184	161	*	*	*	*	171	169
08:00	*	*	*	*	160	127	170	132	157	131	*	*	*	*	162	130
09:00	*	*	*	*	129	100	118	102	121	95	*	*	*	*	123	99
10:00	*	*	*	*	168	165	151	111	154	100	*	*	*	*	158	125
11:00	*	*	*	*	126	121	131	125	*	*	*	*	*	*	128	123
12:00 PM	*	*	*	*	141	131	160	128	*	*	*	*	*	*	150	130
01:00	*	*	*	*	189	165	171	175	*	*	*	*	*	*	180	170
02:00	*	*	212	148	190	180	221	182	*	*	*	*	*	*	208	170
03:00	*	*	224	218	202	199	244	194	*	*	*	*	*	*	223	204
04:00	*	*	220	219	211	234	225	239	*	*	*	*	*	*	219	231
05:00	*	*	223	237	218	224	227	236	*	*	*	*	*	*	223	232
06:00	*	*	187	159	158	158	174	169	*	*	*	*	*	*	173	162
07:00	*	*	144	132	125	105	143	101	*	*	*	*	*	*	137	113
08:00	*	*	90	91	130	99	112	83	*	*	*	*	*	*	111	91
09:00	*	*	53	61	92	81	57	46	*	*	*	*	*	*	67	63
10:00	*	*	43	41	45	47	45	34	*	*	*	*	*	*	44	41
11:00	*	*	18	19	26	27	21	29	*	*	*	*	*	*	22	25
Lane	0	0	1414	1325	2570	2403	2661	2370	721	575	0	0	0	0	2608	2365
Day	0		2739		4973		5031		1296		0		0		4973	
AM Peak Vol.	-	-	-	-	10:00	10:00	07:00	07:00	07:00	07:00	-	-	-	-	07:00	07:00
PM Peak Vol.	-	-	15:00	17:00	17:00	16:00	15:00	16:00	-	-	-	-	-	-	15:00	17:00
Vol.	-	-	224	237	218	234	244	239	-	-	-	-	-	-	223	232

Comb. Total	0	2739	4973	5031	1296	0	0	4973
ADT	ADT 4,974	AADT 4,974						

Site Code: MORRIS SOUTH
 Station ID:

Latitude: 0' 0.0000 South
 Latitude: 0' 0.0000 South

South Bound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
10/30/18	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	4	2	18	50	84	44	7	2	0	1	0	0	0	0	212	26-35	134
15:00	5	0	5	51	98	52	10	3	0	0	0	0	0	0	224	29-38	150
16:00	5	3	2	45	103	50	12	0	0	0	0	0	0	0	220	31-40	153
17:00	4	0	4	36	119	53	6	1	0	0	0	0	0	0	223	31-40	172
18:00	2	0	5	39	91	40	9	1	0	0	0	0	0	0	187	31-40	131
19:00	2	2	3	17	78	38	3	1	0	0	0	0	0	0	144	31-40	116
20:00	2	0	2	14	39	26	5	1	1	0	0	0	0	0	90	31-40	65
21:00	1	0	2	9	24	14	2	1	0	0	0	0	0	0	53	31-40	38
22:00	0	0	0	7	20	15	1	0	0	0	0	0	0	0	43	31-40	35
23:00	0	0	1	3	7	3	4	0	0	0	0	0	0	0	18	31-40	10
Total	25	7	42	271	663	335	59	10	1	1	0	0	0	0	1414		
Percent	1.8%	0.5%	3.0%	19.2%	46.9%	23.7%	4.2%	0.7%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.																	
PM Peak Vol.	15:00	16:00	14:00	15:00	17:00	17:00	16:00	15:00	20:00	14:00					15:00		
	5	3	18	51	119	53	12	3	1	1					224		

Site Code: MORRIS SOUTH
 Station ID:

Latitude: 0' 0.0000 South
 Latitude: 0' 0.0000 South

South Bound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
10/31/18	0	0	0	1	5	4	1	0	0	0	0	0	0	0	11	31-40	9
01:00	0	0	1	4	3	3	0	0	0	0	0	0	0	0	11	25-34	7
02:00	0	1	2	4	1	1	1	0	0	0	0	0	0	0	10	21-30	6
03:00	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	25-34	2
04:00	0	0	0	2	0	0	1	1	0	0	0	0	0	0	4	20-29	2
05:00	0	0	1	4	5	7	1	1	0	0	0	0	0	0	19	31-40	12
06:00	1	1	1	5	16	13	9	0	0	0	0	0	0	0	46	31-40	29
07:00	4	1	11	27	60	47	6	1	0	0	0	0	0	0	157	31-40	107
08:00	4	1	1	24	82	37	11	0	0	0	0	0	0	0	160	31-40	119
09:00	5	1	4	11	55	40	12	1	0	0	0	0	0	0	129	31-40	95
10:00	2	0	4	39	74	39	8	1	1	0	0	0	0	0	168	26-35	113
11:00	3	0	0	10	48	46	16	2	1	0	0	0	0	0	126	31-40	94
12 PM	8	0	2	19	52	50	9	1	0	0	0	0	0	0	141	31-40	102
13:00	3	1	6	41	80	46	11	0	0	1	0	0	0	0	189	31-40	126
14:00	4	5	12	44	65	49	9	2	0	0	0	0	0	0	190	31-40	114
15:00	5	3	3	33	93	50	12	3	0	0	0	0	0	0	202	31-40	143
16:00	6	1	4	34	98	56	9	1	1	1	0	0	0	0	211	31-40	154
17:00	6	0	3	39	92	60	16	2	0	0	0	0	0	0	218	31-40	152
18:00	3	0	1	33	79	32	8	2	0	0	0	0	0	0	158	26-35	112
19:00	1	0	8	36	51	20	6	2	1	0	0	0	0	0	125	26-35	87
20:00	7	1	6	27	51	35	2	1	0	0	0	0	0	0	130	31-40	86
21:00	0	0	1	22	46	20	3	0	0	0	0	0	0	0	92	26-35	68
22:00	0	0	1	11	19	14	0	0	0	0	0	0	0	0	45	31-40	33
23:00	0	2	1	6	9	6	2	0	0	0	0	0	0	0	26	26-35	15
Total	62	18	73	476	1086	675	153	21	4	2	0	0	0	0	2570		
Percent	2.4%	0.7%	2.8%	18.5%	42.3%	26.3%	6.0%	0.8%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%			
AM Peak	09:00	02:00	07:00	10:00	08:00	07:00	11:00	11:00	10:00						10:00		
Vol.	5	1	11	39	82	47	16	2	1						168		
PM Peak	12:00	14:00	14:00	14:00	16:00	17:00	17:00	15:00	16:00	13:00					17:00		
Vol.	8	5	12	44	98	60	16	3	1	1					218		

Site Code: MORRIS SOUTH
 Station ID:

Latitude: 0' 0.0000 South
 Latitude: 0' 0.0000 South

South Bound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
11/01/18	0	0	1	0	3	4	1	0	0	0	0	0	0	0	9	31-40	7
01:00	0	0	0	3	5	3	0	0	0	0	0	0	0	0	11	26-35	8
02:00	0	0	0	2	5	1	1	0	0	0	0	0	0	0	9	26-35	7
03:00	0	0	0	3	1	1	3	0	0	0	0	0	0	0	8	36-45	4
04:00	0	0	1	2	3	2	2	0	0	0	0	0	0	0	10	31-40	5
05:00	0	1	0	1	3	7	2	0	0	0	0	0	0	0	14	31-40	10
06:00	0	1	1	4	30	17	4	1	0	0	0	0	0	0	58	31-40	47
07:00	4	5	4	41	72	37	7	1	0	0	0	0	0	1	172	26-35	113
08:00	4	0	3	22	77	49	11	3	0	1	0	0	0	0	170	31-40	126
09:00	2	0	3	8	40	48	16	0	1	0	0	0	0	0	118	31-40	88
10:00	1	2	2	21	54	51	18	1	1	0	0	0	0	0	151	31-40	105
11:00	10	0	1	8	45	51	13	3	0	0	0	0	0	0	131	31-40	96
12 PM	2	0	4	13	66	62	10	2	1	0	0	0	0	0	160	31-40	128
13:00	5	0	3	20	65	53	21	3	1	0	0	0	0	0	171	31-40	118
14:00	4	1	5	39	91	60	17	4	0	0	0	0	0	0	221	31-40	151
15:00	11	2	3	37	96	80	13	1	0	0	1	0	0	0	244	31-40	176
16:00	5	2	2	53	99	51	11	2	0	0	0	0	0	0	225	26-35	152
17:00	5	0	1	53	113	42	13	0	0	0	0	0	0	0	227	26-35	166
18:00	8	0	2	33	81	41	6	2	0	1	0	0	0	0	174	31-40	122
19:00	2	1	4	18	77	36	3	1	1	0	0	0	0	0	143	31-40	113
20:00	1	0	1	19	59	26	6	0	0	0	0	0	0	0	112	31-40	85
21:00	0	0	0	4	21	26	3	1	0	2	0	0	0	0	57	31-40	47
22:00	0	0	0	8	21	13	1	1	1	0	0	0	0	0	45	31-40	34
23:00	0	0	0	4	11	5	1	0	0	0	0	0	0	0	21	29-38	16
Total	64	15	41	416	1138	766	183	26	6	4	1	0	0	1	2661		
Percent	2.4%	0.6%	1.5%	15.6%	42.8%	28.8%	6.9%	1.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	07:00	07:00	07:00	08:00	10:00	10:00	08:00	09:00	08:00					07:00	07:00	
Vol.	10	5	4	41	77	51	18	3	1	1					1	172	
PM Peak	15:00	15:00	14:00	16:00	17:00	15:00	13:00	14:00	12:00	21:00	15:00				15:00		
Vol.	11	2	5	53	113	80	21	4	1	2	1				244		

Stats	10 MPH Pace Speed :	31-40 MPH
	Number in Pace :	5166
	Percent in Pace :	70.1%
	Number of Vehicles > 30 MPH :	5706
	Percent of Vehicles > 30 MPH :	77.5%
	Mean Speed(Average) :	33 MPH

Site Code: MORRIS SOUTH
 Station ID:

Latitude: 0' 0.0000 South
 Latitude: 0' 0.0000 South

North Bound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
10/30/18	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	5	2	8	27	56	38	12	0	0	0	0	0	0	0	148	31-40	94
15:00	17	1	3	34	98	55	7	1	1	0	0	1	0	0	218	31-40	153
16:00	8	0	4	36	89	57	18	5	2	0	0	0	0	0	219	31-40	146
17:00	3	0	2	42	95	81	12	2	0	0	0	0	0	0	237	31-40	176
18:00	5	1	1	15	77	48	11	1	0	0	0	0	0	0	159	31-40	125
19:00	2	1	2	16	58	42	9	2	0	0	0	0	0	0	132	31-40	100
20:00	2	0	1	23	45	13	5	1	1	0	0	0	0	0	91	26-35	68
21:00	0	0	0	6	32	19	4	0	0	0	0	0	0	0	61	31-40	51
22:00	0	1	0	6	14	16	4	0	0	0	0	0	0	0	41	31-40	30
23:00	0	0	0	3	6	7	2	1	0	0	0	0	0	0	19	31-40	13
Total	42	6	21	208	570	376	84	13	4	0	0	1	0	0	1325		
Percent	3.2%	0.5%	1.6%	15.7%	43.0%	28.4%	6.3%	1.0%	0.3%	0.0%	0.0%	0.1%	0.0%	0.0%			
AM Peak Vol.																	
PM Peak Vol.	15:00	14:00	14:00	17:00	15:00	17:00	16:00	16:00	16:00			15:00			17:00		
	17	2	8	42	98	81	18	5	2			1			237		

Site Code: MORRIS SOUTH
 Station ID:

Latitude: 0' 0.0000 South
 Latitude: 0' 0.0000 South

North Bound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
10/31/18	0	0	0	0	4	2	0	0	0	0	0	0	0	0	6	30-39	6
01:00	1	0	0	0	1	1	0	0	0	0	0	0	0	0	3	29-38	2
02:00	0	0	2	1	1	0	1	0	0	0	0	0	0	0	5	21-30	3
03:00	0	0	0	1	1	5	0	0	0	0	0	0	0	0	7	31-40	6
04:00	1	0	0	1	2	1	2	0	1	0	0	0	0	0	8	36-45	3
05:00	0	0	0	1	3	4	1	1	0	0	0	0	0	0	10	31-40	7
06:00	1	1	1	7	11	13	4	0	0	0	0	0	0	0	38	31-40	24
07:00	5	1	2	35	79	33	7	0	0	1	0	0	0	0	163	26-35	114
08:00	5	0	3	18	54	42	3	1	1	0	0	0	0	0	127	31-40	96
09:00	4	0	1	19	42	31	2	1	0	0	0	0	0	0	100	31-40	73
10:00	4	0	4	33	84	32	8	0	0	0	0	0	0	0	165	26-35	117
11:00	4	1	3	24	53	28	8	0	0	0	0	0	0	0	121	31-40	81
12 PM	7	2	7	24	56	28	6	1	0	0	0	0	0	0	131	31-40	84
13:00	1	0	5	35	85	31	8	0	0	0	0	0	0	0	165	26-35	120
14:00	7	2	9	31	71	48	10	2	0	0	0	0	0	0	180	31-40	119
15:00	8	0	0	24	95	63	8	1	0	0	0	0	0	0	199	31-40	158
16:00	6	1	2	22	117	70	16	0	0	0	0	0	0	0	234	31-40	187
17:00	8	0	4	24	112	67	8	1	0	0	0	0	0	0	224	31-40	179
18:00	1	0	0	42	68	36	10	1	0	0	0	0	0	0	158	26-35	110
19:00	1	0	8	17	50	24	5	0	0	0	0	0	0	0	105	31-40	74
20:00	5	1	3	19	46	21	2	0	2	0	0	0	0	0	99	31-40	67
21:00	1	1	1	8	40	25	4	1	0	0	0	0	0	0	81	31-40	65
22:00	0	1	1	8	19	13	4	1	0	0	0	0	0	0	47	31-40	32
23:00	0	0	0	2	16	5	2	1	0	1	0	0	0	0	27	31-40	21
Total	70	11	56	396	1110	623	119	12	4	2	0	0	0	0	2403		
Percent	2.9%	0.5%	2.3%	16.5%	46.2%	25.9%	5.0%	0.5%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	06:00	10:00	07:00	10:00	08:00	10:00	05:00	04:00	07:00					10:00		
Vol.	5	1	4	35	84	42	8	1	1	1					165		
PM Peak	15:00	12:00	14:00	18:00	16:00	16:00	16:00	14:00	20:00	23:00					16:00		
Vol.	8	2	9	42	117	70	16	2	2	1					234		

Site Code: MORRIS SOUTH
 Station ID:

Latitude: 0' 0.0000 South
 Latitude: 0' 0.0000 South

North Bound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
11/01/18	0	0	0	0	8	7	2	0	0	0	0	0	0	0	17	31-40	15
01:00	0	0	0	2	3	5	2	0	0	0	0	0	0	0	12	31-40	8
02:00	0	0	0	1	1	5	2	0	0	0	0	0	0	0	9	36-45	7
03:00	0	0	0	1	2	1	1	0	0	0	0	0	0	0	5	31-40	3
04:00	1	0	0	3	3	2	0	0	1	0	0	0	0	0	10	26-35	6
05:00	1	0	0	2	1	4	2	0	0	0	0	0	0	0	10	36-45	6
06:00	1	0	1	4	14	7	7	2	0	1	0	0	0	0	37	31-40	21
07:00	8	0	3	37	86	44	6	0	0	0	0	0	0	0	184	31-40	130
08:00	4	2	2	18	50	40	14	1	1	0	0	0	0	0	132	31-40	90
09:00	2	1	2	14	47	26	9	1	0	0	0	0	0	0	102	31-40	73
10:00	4	2	1	19	43	31	7	4	0	0	0	0	0	0	111	31-40	74
11:00	2	1	1	26	49	37	6	3	0	0	0	0	0	0	125	31-40	86
12 PM	6	0	0	15	59	38	8	2	0	0	0	0	0	0	128	31-40	97
13:00	10	1	0	24	85	47	6	2	0	0	0	0	0	0	175	31-40	132
14:00	5	4	7	25	86	39	15	0	0	1	0	0	0	0	182	31-40	125
15:00	7	1	4	24	80	63	14	1	0	0	0	0	0	0	194	31-40	143
16:00	8	1	1	35	124	60	8	2	0	0	0	0	0	0	239	31-40	184
17:00	12	0	0	34	112	65	11	0	2	0	0	0	0	0	236	31-40	177
18:00	13	0	4	29	79	29	10	4	1	0	0	0	0	0	169	31-40	108
19:00	4	0	1	10	55	23	6	1	1	0	0	0	0	0	101	31-40	78
20:00	1	0	3	10	38	19	12	0	0	0	0	0	0	0	83	31-40	57
21:00	2	0	2	6	16	19	1	0	0	0	0	0	0	0	46	31-40	35
22:00	0	0	0	2	15	10	7	0	0	0	0	0	0	0	34	31-40	25
23:00	1	0	1	4	10	8	5	0	0	0	0	0	0	0	29	31-40	18
Total	92	13	33	345	1066	629	161	23	6	2	0	0	0	0	2370		
Percent	3.9%	0.5%	1.4%	14.6%	45.0%	26.5%	6.8%	1.0%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	08:00	07:00	07:00	07:00	07:00	08:00	10:00	04:00	06:00					07:00		
Vol.	8	2	3	37	86	44	14	4	1	1					184		
PM Peak	18:00	14:00	14:00	16:00	16:00	17:00	14:00	18:00	17:00	14:00					16:00		
Vol.	13	4	7	35	124	65	15	4	2	1					239		

Stats	10 MPH Pace Speed :	31-40 MPH
	Number in Pace :	4755
	Percent in Pace :	71.3%
	Number of Vehicles > 30 MPH :	5240
	Percent of Vehicles > 30 MPH :	78.5%
	Mean Speed(Average) :	33 MPH

Site Code: MORRIS SOUTH
 Station ID:

Latitude: 0' 0.0000 South
 Latitude: 0' 0.0000 South

South Bound, North Bound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
10/30/18	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	3	229	93	1	24	0	0	2	0	0	0	0	0	8	360
15:00	4	298	87	0	34	0	0	0	0	0	0	0	0	19	442
16:00	1	292	96	1	35	0	0	1	0	0	0	0	0	13	439
17:00	4	324	90	0	35	1	0	1	0	0	0	0	0	5	460
18:00	2	244	73	0	21	0	0	0	0	0	0	0	0	6	346
19:00	0	180	72	0	20	0	0	0	0	0	0	0	0	4	276
20:00	0	138	34	0	6	0	0	0	0	0	0	0	0	3	181
21:00	0	88	20	0	6	0	0	0	0	0	0	0	0	0	114
22:00	0	68	14	0	2	0	0	0	0	0	0	0	0	0	84
23:00	0	29	7	0	1	0	0	0	0	0	0	0	0	0	37
Total	14	1890	586	2	184	1	0	4	0	0	0	0	0	58	2739
Percent	0.5%	69.0%	21.4%	0.1%	6.7%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	2.1%	

AM
Peak
Vol.

PM Peak Vol.	15:00	17:00	16:00	14:00	16:00	17:00		14:00						15:00	17:00
	4	324	96	1	35	1		2						19	460

Site Code: MORRIS SOUTH
 Station ID:

Latitude: 0' 0.0000 South
 Latitude: 0' 0.0000 South

South Bound, North Bound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
10/31/18	0	13	4	0	0	0	0	0	0	0	0	0	0	0	17
01:00	0	11	1	0	2	0	0	0	0	0	0	0	0	0	14
02:00	0	13	1	0	1	0	0	0	0	0	0	0	0	0	15
03:00	0	9	0	0	0	0	0	0	0	0	0	0	0	0	9
04:00	0	8	4	0	0	0	0	0	0	0	0	0	0	0	12
05:00	0	15	13	0	1	0	0	0	0	0	0	0	0	0	29
06:00	0	51	24	1	8	0	0	0	0	0	0	0	0	0	84
07:00	1	198	88	2	21	1	0	1	0	0	0	0	0	8	320
08:00	0	175	80	0	21	1	0	2	0	0	0	0	0	8	287
09:00	0	151	48	0	18	2	0	2	0	0	0	0	0	8	229
10:00	1	228	74	0	22	1	0	1	0	0	0	0	0	6	333
11:00	0	161	61	0	17	0	0	1	0	0	0	0	0	7	247
12 PM	5	192	50	0	9	1	0	2	1	0	0	0	0	12	272
13:00	0	237	85	1	26	1	0	0	0	0	0	0	0	4	354
14:00	0	237	92	1	29	0	0	1	0	0	0	0	0	10	370
15:00	1	276	73	0	38	0	0	0	0	0	0	0	0	13	401
16:00	1	285	110	0	34	1	0	1	0	0	0	0	0	13	445
17:00	0	314	86	0	24	3	0	1	0	0	0	0	0	14	442
18:00	0	206	87	1	18	0	0	1	0	0	0	0	0	3	316
19:00	1	174	40	0	15	0	0	0	0	0	0	0	0	0	230
20:00	0	147	59	0	11	0	0	0	0	0	0	0	0	12	229
21:00	0	125	37	0	11	0	0	0	0	0	0	0	0	0	173
22:00	0	61	23	0	8	0	0	0	0	0	0	0	0	0	92
23:00	1	39	8	0	5	0	0	0	0	0	0	0	0	0	53
Total	11	3326	1148	6	339	11	0	13	1	0	0	0	0	118	4973
Percent	0.2%	66.9%	23.1%	0.1%	6.8%	0.2%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	2.4%	
AM Peak	07:00	10:00	07:00	07:00	10:00	09:00		08:00						07:00	10:00
Vol.	1	228	88	2	22	2		2						8	333
PM Peak	12:00	17:00	16:00	13:00	15:00	17:00		12:00	12:00					17:00	16:00
Vol.	5	314	110	1	38	3		2	1					14	445

Site Code: MORRIS SOUTH
 Station ID:

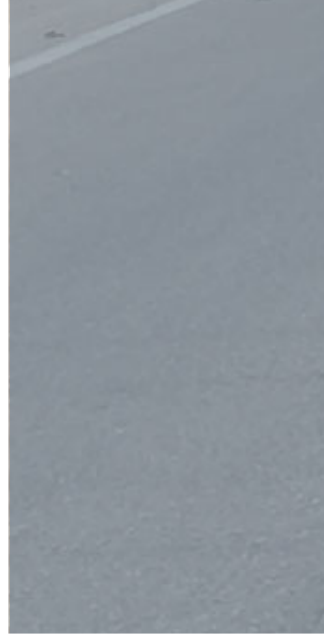
Latitude: 0' 0.0000 South
 Latitude: 0' 0.0000 South

South Bound, North Bound

Start Time	Bikes	Cars & Trailer	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Not Classe	Total
11/01/18	0	17	8	0	1	0	0	0	0	0	0	0	0	0	26
01:00	0	19	2	0	2	0	0	0	0	0	0	0	0	0	23
02:00	0	16	2	0	0	0	0	0	0	0	0	0	0	0	18
03:00	0	13	0	0	0	0	0	0	0	0	0	0	0	0	13
04:00	0	15	5	0	0	0	0	0	0	0	0	0	0	0	20
05:00	0	16	5	0	2	0	0	0	0	0	0	0	0	1	24
06:00	0	52	28	1	13	1	0	0	0	0	0	0	0	0	95
07:00	2	226	87	0	26	3	0	0	0	0	0	0	0	12	356
08:00	1	199	75	1	18	0	0	0	0	0	0	0	0	8	302
09:00	1	148	43	1	22	0	0	1	0	0	0	0	0	4	220
10:00	1	171	67	0	17	1	0	1	0	0	0	0	0	4	262
11:00	5	171	53	0	17	1	0	0	0	0	0	0	0	9	256
12 PM	0	200	55	0	21	2	0	1	1	0	0	0	0	8	288
13:00	2	241	62	0	24	1	0	1	0	0	0	0	0	15	346
14:00	3	264	87	3	36	1	0	2	0	0	0	0	0	7	403
15:00	3	284	99	0	33	2	0	1	0	0	0	0	0	16	438
16:00	0	321	105	0	25	0	0	1	0	0	0	0	0	12	464
17:00	2	306	105	0	30	2	0	1	0	0	0	0	0	17	463
18:00	3	232	67	0	18	1	0	2	0	0	0	0	0	20	343
19:00	0	171	54	0	12	1	0	0	0	0	0	0	0	6	244
20:00	0	148	35	0	10	0	0	0	0	0	0	0	0	2	195
21:00	1	68	22	0	10	0	0	0	0	0	0	0	0	2	103
22:00	0	54	21	0	4	0	0	0	0	0	0	0	0	0	79
23:00	0	42	6	0	1	0	0	0	0	0	0	0	0	1	50
Total	24	3394	1093	6	342	16	0	11	1	0	0	0	0	144	5031
Percent	0.5%	67.5%	21.7%	0.1%	6.8%	0.3%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	2.9%	
AM Peak	11:00	07:00	07:00	06:00	07:00	07:00		09:00						07:00	07:00
Vol.	5	226	87	1	26	3		1						12	356
PM Peak	14:00	16:00	16:00	14:00	14:00	12:00		14:00	12:00					18:00	16:00
Vol.	3	321	105	3	36	2		2	1					20	464



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