January 2019

CITY OF ALBUQUERQUE

DOVER STREET- McMAHON BOULEVARD TO BRANIFF AVENUE

SPEED STUDY

NTMP P803000

TASK 11.5

WILSON & COMPANY
ENGINEERS & ARCHITECTS

City of Albuquerque

DOVER STREET -
McMAHON BOULEVARD TO BRANIFF AVENUE

SPEED STUDY

NTMP P803000

NTP #11 - Task 11.5

WCI 1810002211

January 2019

January 29, 2019

WILSON & COMPANY

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Appendix A – Traffic Data

Introduction

This report documents the speed study analysis on Dover Street from McMahon Boulevard to Braniff Avenue in Albuquerque, New Mexico. The purpose of this project is to collect and analyze the traffic volumes, speed, and safety of Dover Street, a two-way street, from McMahon Boulevard to Braniff Avenue 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 Dover Street project is located in Albuquerque, New Mexico and is approximately 0.32 miles (1,669 feet) in length. Dover Street is a two-lane, undivided local street that runs north-south, from McMahon Boulevard to Braniff Avenue. McMahon Boulevard a four-lane, divided principal arterial that runs east-west and intersects the south end of Dover Street at a T-intersection. Braniff Avenue is a two-lane, undivided local street that runs east-west and intersects the north end of Dover Street at a T-intersection. See **Figure 1** for a map of the project area.

Figure 1: Project Area and Existing Traffic Volumes

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 Dover Street from McMahon Boulevard to Braniff Avenue warrants traffic calming measures.

Existing Conditions

Traffic Conditions

Dover Street is an urban local road with an Average Daily Traffic (ADT) of 252 vehicles, which includes less than 1% heavy vehicles (buses and trucks), and an existing speed limit of 25 mph. See **Appendix A** for further information.

Traffic Volumes

Existing tube count data (volume, speed, and class) was collected for 48-hours on Wednesday, November 7, 2018 and Thursday, November 8, 2018. See **Figure 1** for the peak hour volumes. The full traffic count data can be found in **Appendix A**.

Safety

Crash Data

There was no historical crashes that occurred between 2015 and 2017 on Dover Street from McMahon Boulevard to Braniff Avenue.

Speed

Speed data was collected on Dover Street for a 48-hour period. See **Table 1** for the 85th-Percentile speeds for Dover Street.

Table 1: 85th-Percentile Speed

Location	85th-Percentile Speed
Northbound	32 mph
Southbound	32 mph

See **Table 2** for the 10 mph pace speeds for Dover Street.

Table 2: 10 mph Pace Speed

Location	10 mph Pace Speed
Northbound	21 - 30 mph
Southbound	21 – 30 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 (25 mph) for both northbound and southbound Dover Street.

Figure 2: Dover Street Speed Limit

Typical Sections

Dover Street is a 28-ft wide roadway with 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 Dover Street typical section.

Figure 3: Dover Street looking north

Figure 4: Dover Street looking south

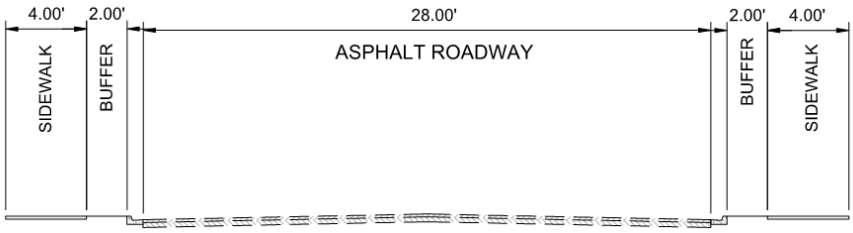

Figure 5: Dover Street Existing Typical Section

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

There were no reported crashes in the past 3 years. The peak-hour traffic volumes for Dover Street were less than 400 vehicles for both northbound and southbound directions. The 85th-percentile speed does exceed the posted speed limit by 5mph. See **Table 3** for the summary of results for Dover Street from McMahon Boulevard to Braniff Avenue.

Table 3: 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.	85th-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 Dover Street from McMahon Boulevard to Braniff Avenue meets one (1) 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

Wilson & Company
4401 Masthead St. NE
Albuquerque, NM 87109

Site Code: DOVER
Station ID:

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

Start	05-Nov-18		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
Time	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	*	*	*	*	0	1	3	2	2	5	*	*	*	*	2	3
01:00	*	*	*	*	0	4	0	0	0	0	*	*	*	*	0	1
02:00	*	*	*	*	1	0	0	0	1	0	*	*	*	*	1	0
03:00	*	*	*	*	1	1	1	0	2	0	*	*	*	*	1	0
04:00	*	*	*	*	0	0	1	0	0	0	*	*	*	*	0	0
05:00	*	*	*	*	1	0	1	1	2	0	*	*	*	*	1	0
06:00	*	*	*	*	3	0	3	2	1	2	*	*	*	*	2	1
07:00	*	*	*	*	**13**	1	**13**	3	9	3	*	*	*	*	**12**	2
08:00	*	*	*	*	12	3	12	5	11	2	*	*	*	*	12	3
09:00	*	*	*	*	9	6	6	5	8	4	*	*	*	*	8	5
10:00	*	*	*	*	11	**7**	10	4	3	**8**	*	*	*	*	8	**6**
11:00	*	*	*	*	5	1	7	**7**	**12**	6	*	*	*	*	8	5
12:00 PM	*	*	*	*	7	6	6	7	*	*	*	*	*	*	6	6
01:00	*	*	*	*	4	8	4	**15**	*	*	*	*	*	*	4	12
02:00	*	*	*	*	5	10	3	5	*	*	*	*	*	*	4	8
03:00	*	*	*	*	4	6	4	10	*	*	*	*	*	*	4	8
04:00	*	*	*	*	7	9	7	12	*	*	*	*	*	*	7	10
05:00	*	*	**16**	**16**	**9**	**18**	8	13	*	*	*	*	*	*	**11**	**16**
06:00	*	*	5	15	6	7	**13**	12	*	*	*	*	*	*	8	11
07:00	*	*	5	9	5	15	6	9	*	*	*	*	*	*	5	11
08:00	*	*	10	9	6	12	4	8	*	*	*	*	*	*	7	10
09:00	*	*	4	7	5	6	3	6	*	*	*	*	*	*	4	6
10:00	*	*	1	7	2	6	3	9	*	*	*	*	*	*	2	7
11:00	*	*	1	0	0	1	1	2	*	*	*	*	*	*	1	1
Lane	0	0	42	63	116	128	119	137	51	30	0	0	0	0	118	132
Day	0		105		244		256		81		0		0		250	
AM Peak	-	-	-	-	07:00	10:00	07:00	11:00	11:00	10:00	-	-	-	-	07:00	10:00
Vol.	-	-	-	-	13	7	13	7	12	8	-	-	-	-	12	6
PM Peak	-	-	17:00	17:00	17:00	17:00	18:00	13:00	-	-	-	-	-	-	17:00	17:00
Vol.	-	-	16	16	9	18	13	15	-	-	-	-	-	-	11	16

Comb. Total	0	105	244	256	81	0	0	250

ADT ADT 252 AADT 252

Wilson & Company
4401 Masthead St. NE
Albuquerque, NM 87109

Site Code: DOVER
Station ID:

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

South Bound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
11/06/18	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	**6**	0	**2**	**7**	0	**1**	0	0	0	0	0	0	0	0	**16**	21-30	9
18:00	1	0	1	2	1	0	0	0	0	0	0	0	0	0	5	26-35	3
19:00	1	**1**	0	1	**2**	0	0	0	0	0	0	0	0	0	5	25-34	3
20:00	0	1	1	5	2	1	0	0	0	0	0	0	0	0	10	26-35	7
21:00	0	0	2	2	0	0	0	0	0	0	0	0	0	0	4	20-29	4
22:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	19-28	1
23:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	24-33	1
Total	8	2	6	18	6	2	0	0	0	0	0	0	0	0	42		
Percent	19.0%	4.8%	14.3%	42.9%	14.3%	4.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.																	
PM Peak Vol.	17:00 6	19:00 1	17:00 2	17:00 7	19:00 2	17:00 1									17:00 16		

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Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
11/07/18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	14-23	1
03:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	14-23	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	14-23	1
06:00	0	0	1	1	1	0	0	0	0	0	0	0	0	0	3	19-28	2
07:00	0	**1**	**3**	**5**	2	1	**1**	0	0	0	0	0	0	0	**13**	21-30	8
08:00	1	0	3	2	**4**	**2**	0	0	0	0	0	0	0	0	12	31-40	6
09:00	0	1	2	3	2	1	0	0	0	0	0	0	0	0	9	26-35	5
10:00	**2**	0	2	3	3	0	0	0	**1**	0	0	0	0	0	11	24-33	6
11:00	1	0	0	2	2	0	0	0	0	0	0	0	0	0	5	25-34	4
12 PM	**2**	**2**	0	**3**	0	0	0	0	0	0	0	0	0	0	7	11-20	3
13:00	1	0	1	1	0	1	0	0	0	0	0	0	0	0	4	19-28	2
14:00	0	0	0	3	0	1	**1**	0	0	0	0	0	0	0	5	26-35	3
15:00	0	0	0	3	**1**	0	0	0	0	0	0	0	0	0	4	24-33	4
16:00	0	0	0	3	1	**3**	0	0	0	0	0	0	0	0	7	31-40	4
17:00	0	0	**5**	3	1	0	0	0	0	0	0	0	0	0	**9**	21-30	8
18:00	0	0	3	3	0	0	0	0	0	0	0	0	0	0	6	21-30	6
19:00	0	0	2	2	1	0	0	0	0	0	0	0	0	0	5	21-30	4
20:00	0	1	2	2	1	0	0	0	0	0	0	0	0	0	6	21-30	4
21:00	0	1	2	2	0	0	0	0	0	0	0	0	0	0	5	19-28	4
22:00	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	19-28	2
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	7	6	30	42	19	9	2	0	1	0	0	0	0	0	116		
Percent	6.0%	5.2%	25.9%	36.2%	16.4%	7.8%	1.7%	0.0%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	10:00	07:00	07:00	07:00	08:00	08:00	07:00		10:00						07:00		
Vol.	2	1	3	5	4	2	1		1						13		
PM Peak	12:00	12:00	17:00	12:00	15:00	16:00	14:00								17:00		
Vol.	2	2	5	3	1	3	1								9		

Wilson & Company
4401 Masthead St. NE
Albuquerque, NM 87109

Site Code: DOVER
Station ID:

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

South Bound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
11/08/18	0	0	2	0	0	1	0	0	0	0	0	0	0	0	3	15-24	2
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	14-23	1
04:00	0	**1**	0	0	0	0	0	0	0	0	0	0	0	0	1	9-18	1
05:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	9-18	1
06:00	0	0	1	2	0	0	0	0	0	0	0	0	0	0	3	20-29	3
07:00	0	0	2	**5**	**4**	**2**	0	0	0	0	0	0	0	0	**13**	26-35	9
08:00	0	0	**3**	5	4	0	0	0	0	0	0	0	0	0	12	24-33	9
09:00	0	0	1	3	2	0	0	0	0	0	0	0	0	0	6	24-33	5
10:00	0	1	2	4	3	0	0	0	0	0	0	0	0	0	10	24-33	7
11:00	0	0	2	2	2	0	**1**	0	0	0	0	0	0	0	7	26-35	4
12 PM	1	0	0	3	**1**	**1**	0	0	0	0	0	0	0	0	6	26-35	4
13:00	0	1	0	2	1	0	0	0	0	0	0	0	0	0	4	24-33	3
14:00	**2**	0	1	0	0	0	0	0	0	0	0	0	0	0	3	8-17	1
15:00	0	0	2	2	0	0	0	0	0	0	0	0	0	0	4	20-29	4
16:00	0	1	3	2	0	1	0	0	0	0	0	0	0	0	7	21-30	5
17:00	1	0	**7**	0	0	0	0	0	0	0	0	0	0	0	8	16-25	7
18:00	1	1	5	**5**	1	0	0	0	0	0	0	0	0	0	**13**	21-30	10
19:00	0	**2**	2	1	1	0	0	0	0	0	0	0	0	0	6	16-25	4
20:00	0	1	2	1	0	0	0	0	0	0	0	0	0	0	4	15-24	3
21:00	0	0	1	1	1	0	0	0	0	0	0	0	0	0	3	19-28	2
22:00	1	0	1	1	0	0	0	0	0	0	0	0	0	0	3	19-28	2
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	9-18	1
Total	6	10	38	39	20	5	1	0	0	0	0	0	0	0	119		
Percent	5.0%	8.4%	31.9%	32.8%	16.8%	4.2%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak		04:00	08:00	07:00	07:00	07:00	11:00								07:00		
Vol.		1	3	5	4	2	1								13		
PM Peak	14:00	19:00	17:00	18:00	12:00	12:00									18:00		
Vol.	2	2	7	5	1	1									13		

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South Bound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
11/09/18	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	14-23	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	14-23	1
03:00	1	**1**	0	0	0	0	0	0	0	0	0	0	0	0	2	15-24	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	**2**	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8-17	1
06:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	14-23	1
07:00	1	1	2	3	**2**	0	0	0	0	0	0	0	0	0	9	26-35	5
08:00	1	0	**5**	1	2	0	**1**	**1**	0	0	0	0	0	0	11	21-30	6
09:00	0	0	4	2	2	0	0	0	0	0	0	0	0	0	8	20-29	6
10:00	0	0	0	2	1	0	0	0	0	0	0	0	0	0	3	24-33	3
11:00	2	1	1	**7**	1	0	0	0	0	0	0	0	0	0	**12**	22-31	8
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	7	3	15	15	9	0	1	1	0	0	0	0	0	0	51		
Percent	13.7%	5.9%	29.4%	29.4%	17.6%	0.0%	2.0%	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	05:00	03:00	08:00	11:00	07:00		08:00	08:00							11:00		
Vol.	2	1	5	7	2		1	1							12		
PM Peak																	
Vol.																	
Total	28	21	89	114	54	16	4	1	1	0	0	0	0	0	328		
Percent	8.5%	6.4%	27.1%	34.8%	16.5%	4.9%	1.2%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile :	20 MPH
50th Percentile :	26 MPH
85th Percentile :	32 MPH
95th Percentile :	36 MPH

Stats		
	10 MPH Pace Speed :	21-30 MPH
	Number in Pace :	203
	Percent in Pace :	61.9%
	Number of Vehicles > 25 MPH :	190
	Percent of Vehicles > 25 MPH :	57.9%
	Mean Speed(Average) :	26 MPH

Wilson & Company
4401 Masthead St. NE
Albuquerque, NM 87109

Site Code: DOVER
Station ID:

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

North Bound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
11/06/18	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	**4**	**2**	**4**	3	2	1	0	0	0	0	0	0	0	0	**16**	19-28	7
18:00	1	0	1	**9**	**3**	1	0	0	0	0	0	0	0	0	15	25-34	12
19:00	1	0	2	3	2	1	0	0	0	0	0	0	0	0	9	26-35	5
20:00	0	0	3	5	0	1	0	0	0	0	0	0	0	0	9	21-30	8
21:00	1	0	3	1	0	**2**	0	0	0	0	0	0	0	0	7	21-30	4
22:00	0	0	3	3	0	1	0	0	0	0	0	0	0	0	7	21-30	6
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
Total	7	2	16	24	7	7	0	0	0	0	0	0	0	0	63		
Percent	11.1%	3.2%	25.4%	38.1%	11.1%	11.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.																	
PM Peak	17:00	17:00	17:00	18:00	18:00	21:00									17:00		
Vol.	4	2	4	9	3	2									16		

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Site Code: DOVER
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North Bound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
11/07/18	**1**	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	1
01:00	0	0	1	2	**1**	0	0	0	0	0	0	0	0	0	4	20-29	3
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	19-28	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
07:00	0	0	0	0	0	**1**	0	0	0	0	0	0	0	0	1	29-38	1
08:00	0	0	1	1	1	0	0	0	0	0	0	0	0	0	3	19-28	2
09:00	0	**1**	2	2	1	0	0	0	0	0	0	0	0	0	6	21-30	4
10:00	1	0	**3**	**3**	0	0	0	0	0	0	0	0	0	0	**7**	21-30	6
11:00	0	0	0	0	0	0	**1**	0	0	0	0	0	0	0	1	34-43	1
12 PM	1	0	0	3	2	0	0	0	0	0	0	0	0	0	6	25-34	5
13:00	1	0	0	**5**	2	0	0	0	0	0	0	0	0	0	8	26-35	7
14:00	0	0	2	5	1	**2**	0	0	0	0	0	0	0	0	10	21-30	7
15:00	1	0	2	0	3	0	0	0	0	0	0	0	0	0	6	24-33	3
16:00	0	1	3	2	2	1	0	0	0	0	0	0	0	0	9	21-30	5
17:00	0	1	**7**	4	**5**	1	0	0	0	0	0	0	0	0	**18**	21-30	11
18:00	0	1	0	4	1	1	0	0	0	0	0	0	0	0	7	24-33	5
19:00	**2**	1	3	5	2	1	**1**	0	0	0	0	0	0	0	15	21-30	8
20:00	1	1	4	4	2	0	0	0	0	0	0	0	0	0	12	21-30	8
21:00	0	**2**	1	3	0	0	0	0	0	0	0	0	0	0	6	19-28	4
22:00	0	0	4	2	0	0	0	0	0	0	0	0	0	0	6	20-29	6
23:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	14-23	1
Total	8	8	34	46	23	7	2	0	0	0	0	0	0	0	128		
Percent	6.3%	6.3%	26.6%	35.9%	18.0%	5.5%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	00:00	09:00	10:00	10:00	01:00	07:00	11:00								10:00		
Vol.	1	1	3	3	1	1	1								7		
PM Peak	19:00	21:00	17:00	13:00	17:00	14:00	19:00								17:00		
Vol.	2	2	7	5	5	2	1								18		

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Site Code: DOVER
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North Bound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
11/08/18	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	24-33	2
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	14-23	1
06:00	1	0	0	0	0	**1**	0	0	0	0	0	0	0	0	2	*	1
07:00	0	0	2	0	0	1	0	0	0	0	0	0	0	0	3	15-24	2
08:00	**2**	0	1	1	0	1	0	0	0	0	0	0	0	0	5	21-30	2
09:00	0	0	1	**3**	1	0	0	0	0	0	0	0	0	0	5	26-35	4
10:00	0	**1**	0	1	**2**	0	0	0	0	0	0	0	0	0	4	25-34	3
11:00	0	1	**3**	1	2	0	0	0	0	0	0	0	0	0	**7**	21-30	4
12 PM	1	0	2	3	1	0	0	0	0	0	0	0	0	0	7	21-30	5
13:00	**2**	0	2	**8**	1	**2**	0	0	0	0	0	0	0	0	**15**	21-30	10
14:00	1	0	1	2	1	0	0	0	0	0	0	0	0	0	5	26-35	3
15:00	1	0	4	2	**3**	0	0	0	0	0	0	0	0	0	10	20-29	6
16:00	2	1	3	3	2	0	**1**	0	0	0	0	0	0	0	12	21-30	6
17:00	1	**3**	**5**	2	2	0	0	0	0	0	0	0	0	0	13	16-25	8
18:00	0	2	3	5	2	0	0	0	0	0	0	0	0	0	12	21-30	8
19:00	0	3	3	2	0	1	0	0	0	0	0	0	0	0	9	16-25	6
20:00	0	1	4	2	0	0	1	0	0	0	0	0	0	0	8	21-30	6
21:00	0	0	3	2	1	0	0	0	0	0	0	0	0	0	6	21-30	5
22:00	1	2	2	4	0	0	0	0	0	0	0	0	0	0	9	20-29	6
23:00	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	20-29	2
Total	12	14	40	44	19	6	2	0	0	0	0	0	0	0	137		
Percent	8.8%	10.2%	29.2%	32.1%	13.9%	4.4%	1.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	10:00	11:00	09:00	10:00	06:00									11:00		
Vol.	2	1	3	3	2	1									7		
PM Peak	13:00	17:00	17:00	13:00	15:00	13:00	16:00								13:00		
Vol.	2	3	5	8	3	2	1								15		

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Site Code: DOVER
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North Bound

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	Pace Speed	Number in Pace
11/09/18	0	1	**4**	0	0	0	0	0	0	0	0	0	0	0	5	16-25	5
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	*	1
07:00	0	1	1	0	**1**	0	0	0	0	0	0	0	0	0	3	14-23	2
08:00	**2**	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8-17	1
09:00	0	**2**	0	1	1	0	0	0	0	0	0	0	0	0	4	10-19	2
10:00	0	1	1	**6**	0	0	0	0	0	0	0	0	0	0	**8**	21-30	7
11:00	1	0	4	1	0	0	0	0	0	0	0	0	0	0	6	19-28	5
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	4	5	11	8	2	0	0	0	0	0	0	0	0	0	30		
Percent	13.3%	16.7%	36.7%	26.7%	6.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	09:00	00:00	10:00	07:00										10:00		
Vol.	2	2	4	6	1										8		
PM Peak Vol.																	
Total	31	29	101	122	51	20	4	0	0	0	0	0	0	0	358		
Percent	8.7%	8.1%	28.2%	34.1%	14.2%	5.6%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile :	18 MPH
50th Percentile :	25 MPH
85th Percentile :	32 MPH
95th Percentile :	36 MPH

Stats		
	10 MPH Pace Speed :	21-30 MPH
	Number in Pace :	223
	Percent in Pace :	62.3%
	Number of Vehicles > 25 MPH :	197
	Percent of Vehicles > 25 MPH :	55.0%
	Mean Speed(Average) :	25 MPH

Wilson & Company
4401 Masthead St. NE
Albuquerque, NM 87109

Site Code: DOVER
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
11/06/18	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	0	6	14	0	2	0	0	0	0	0	0	0	0	10	32
18:00	0	6	9	0	3	0	0	0	0	0	0	0	0	2	20
19:00	0	0	12	0	1	0	0	0	0	0	0	0	0	1	14
20:00	0	6	9	0	4	0	0	0	0	0	0	0	0	0	19
21:00	0	2	6	0	2	0	0	0	0	0	0	0	0	1	11
22:00	0	1	5	0	2	0	0	0	0	0	0	0	0	0	8
23:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Total	0	21	55	0	15	0	0	0	0	0	0	0	0	14	105
Percent	0.0%	20.0%	52.4%	0.0%	14.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	13.3%	
AM Peak Vol.															
PM Peak Vol.		17:00 6	17:00 14		20:00 4									17:00 10	17:00 32

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Site Code: DOVER
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
11/07/18	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
01:00	0	2	2	0	0	0	0	0	0	0	0	0	0	0	4
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
06:00	0	0	2	0	1	0	0	0	0	0	0	0	0	0	3
07:00	0	3	9	0	2	0	0	0	0	0	0	0	0	0	14
08:00	0	2	10	0	2	0	0	0	0	0	0	0	0	1	15
09:00	0	8	5	0	2	0	0	0	0	0	0	0	0	0	15
10:00	0	3	6	0	5	1	0	0	0	0	0	0	0	3	18
11:00	0	4	1	0	1	0	0	0	0	0	0	0	0	0	6
12 PM	0	6	4	0	1	0	0	0	0	0	0	0	0	2	13
13:00	0	5	5	0	2	0	0	0	0	0	0	0	0	0	12
14:00	0	6	9	0	0	0	0	0	0	0	0	0	0	0	15
15:00	0	5	4	0	1	0	0	0	0	0	0	0	0	0	10
16:00	0	7	8	0	1	0	0	0	0	0	0	0	0	0	16
17:00	0	13	9	0	5	0	0	0	0	0	0	0	0	0	27
18:00	0	5	7	0	1	0	0	0	0	0	0	0	0	0	13
19:00	0	5	9	0	5	0	0	0	0	0	0	0	0	1	20
20:00	0	5	9	0	4	0	0	0	0	0	0	0	0	0	18
21:00	0	3	5	0	3	0	0	0	0	0	0	0	0	0	11
22:00	0	3	5	0	0	0	0	0	0	0	0	0	0	0	8
23:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	86	112	0	37	1	0	0	0	0	0	0	0	8	244
Percent	0.0%	35.2%	45.9%	0.0%	15.2%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.3%	
AM Peak		09:00	08:00		10:00	10:00								10:00	10:00
Vol.		8	10		5	1								3	18
PM Peak		17:00	14:00		17:00									12:00	17:00
Vol.		13	9		5									2	27

Wilson & Company
4401 Masthead St. NE
Albuquerque, NM 87109

Site Code: DOVER
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
11/08/18	0	0	4	0	1	0	0	0	0	0	0	0	0	0	5
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
04:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
05:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
06:00	0	2	3	0	0	0	0	0	0	0	0	0	0	0	5
07:00	0	1	10	0	5	0	0	0	0	0	0	0	0	0	16
08:00	0	6	7	0	2	0	0	0	0	0	0	0	0	2	17
09:00	0	6	4	0	1	0	0	0	0	0	0	0	0	0	11
10:00	0	8	4	0	2	0	0	0	0	0	0	0	0	0	14
11:00	0	6	7	0	1	0	0	0	0	0	0	0	0	0	14
12 PM	0	3	7	0	1	0	0	0	0	0	0	0	0	2	13
13:00	0	9	4	0	4	0	0	0	0	0	0	0	0	2	19
14:00	0	4	2	0	1	0	0	0	0	0	0	0	0	1	8
15:00	0	8	4	0	2	0	0	0	0	0	0	0	0	0	14
16:00	0	9	4	0	4	0	0	0	0	0	0	0	0	2	19
17:00	0	13	3	0	5	0	0	0	0	0	0	0	0	0	21
18:00	0	19	5	0	1	0	0	0	0	0	0	0	0	0	25
19:00	0	11	2	0	2	0	0	0	0	0	0	0	0	0	15
20:00	0	11	1	0	0	0	0	0	0	0	0	0	0	0	12
21:00	0	6	2	0	1	0	0	0	0	0	0	0	0	0	9
22:00	0	5	5	0	0	0	0	0	0	0	0	0	0	2	12
23:00	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
Total	0	131	80	0	34	0	0	0	0	0	0	0	0	11	256
Percent	0.0%	51.2%	31.3%	0.0%	13.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	4.3%	
AM Peak		10:00	07:00		07:00									08:00	08:00
Vol.		8	10		5									2	17
PM Peak		18:00	12:00		17:00									12:00	18:00
Vol.		19	7		5									2	25

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Site Code: DOVER
Station ID:

Latitude: 0' 0.0000 South
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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
11/09/18	0	5	0	0	2	0	0	0	0	0	0	0	0	0	7
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2
06:00	0	2	0	0	0	0	0	0	0	0	0	0	0	1	3
07:00	0	6	3	0	1	0	0	0	0	0	0	0	0	2	12
08:00	0	3	4	0	2	0	0	0	0	0	0	0	0	4	13
09:00	0	4	5	0	3	0	0	0	0	0	0	0	0	0	12
10:00	0	7	2	0	2	0	0	0	0	0	0	0	0	0	11
11:00	0	6	9	0	1	0	0	0	0	0	0	0	0	2	18
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	0	34	23	0	12	0	0	0	0	0	0	0	0	12	81
Percent	0.0%	42.0%	28.4%	0.0%	14.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	14.8%	
AM Peak		10:00	11:00		09:00									08:00	11:00
Vol.		7	9		3									4	18
PM Peak Vol.															
Grand Total	0	272	270	0	98	1	0	0	0	0	0	0	0	45	686
Percent	0.0%	39.7%	39.4%	0.0%	14.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	6.6%	

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& COMPANY
ENGINEERS & ARCHITECTS

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