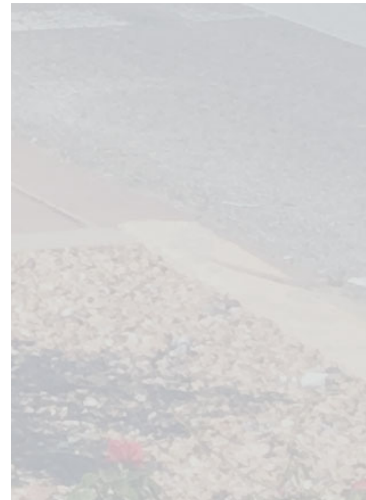




December 2018

CITY OF ALBUQUERQUE  
VENTANA WEST AND PASEO DEL NORTE  
**MULTI-WAY STOP  
AND SPEED STUDY**

NTMP P803000  
TASK 7



**WILSON**  
& COMPANY  
ENGINEERS & ARCHITECTS

City of Albuquerque

Ventana West Parkway & Paseo Del Norte Boulevard

# MULTI-WAY STOP & SPEED STUDY

NTMP P803000

NTP #07

WCI 1810002207

December 2018



December 27, 2018



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Appendix A – Traffic Count Data



## Introduction

This report documents the multi-way stop warrant analysis for the intersection of Ventana West Parkway and Paseo Del Norte Boulevard in Albuquerque, New Mexico and the speed study analysis of Ventana West Parkway north of Paseo Del Norte Boulevard. The purpose of this study is to collect and analyze the traffic volumes, speed, and safety of the stop controlled intersection of Ventana West Parkway and Paseo Del Norte Boulevard to determine if it meets the multi-way stop criteria described in the *Manual on Uniform Traffic Control Devices for Streets and Highways (MUTCD)*, 2009 Edition. The purpose is also to determine if Ventana West Parkway north of Paseo Del Norte Boulevard meets the traffic calming criteria described in the *City of Albuquerque (COA) Neighborhood Traffic Management Program (NTMP)*, February 2015, and the *Institute of Transportation Engineers (ITE) Traffic Engineering Handbook*, 6<sup>th</sup> Edition.

## Project Area and Background

The Ventana West Parkway and Paseo Del Norte Boulevard project is located in Albuquerque, New Mexico. Ventana West Parkway is a four-lane, divided major collector that runs north-south, from Ventana Ridge Road to Paseo Del Norte Boulevard. Paseo Del Norte Boulevard is a two-lane, undivided principal arterial in the project location and it runs east-west, from Atrisco Vista Boulevard to Tramway Boulevard. Ventana West Parkway intersects Paseo Del Norte Boulevard at a T-intersection from the north, where it is stop controlled on Ventana West Parkway. Wilson & Company was tasked by the City of Albuquerque to determine if the intersection of Ventana West Parkway and Paseo Del Norte Boulevard warrants a multi-way stop and to analyze the speed of vehicles in this area.

## Existing Conditions

### Traffic Conditions

Ventana West Parkway is a four lane divided major collector with an Average Daily Traffic (ADT) of 6,147 vehicles during the school year, with less than 1% of heavy vehicles (buses and trucks). The speed limit of Ventana West Parkway in this area is 40 mph. Paseo Del Norte Boulevard is a two lane undivided principal arterial with an ADT of 8,422 vehicles during the school year, with 1.1% of heavy vehicles (buses and trucks). The speed limit of Paseo Del Norte Boulevard is 45 mph for the eastbound approach and 35 mph for the westbound approach. See [Appendix A](#) for further information.

### Traffic Volumes

Existing turning movement data was collected on Wednesday, September 26, 2018 for a nine-hour period (6:00 AM to 9:00 AM, 10:30 AM to 1:30 PM, and 3:00 PM to 6:00 PM) at the intersection of Ventana West Parkway and Paseo Del Norte Boulevard. Peak hours at the intersection are 6:45 AM to 7:45 AM, 12:00 PM to 1:00 PM, and 4:45 PM to 5:45 PM. Tube count data (volume, speed and class) was collected for a 48-hours on Tuesday, September 25, 2018 and Wednesday, September 26, 2018. See [Figure 1](#) for a map of the project area and the associated peak hour volumes. The full traffic count data can be found in [Appendix A](#).



Figure 1: Existing AM (PM) Peak Hour Traffic Volumes

## Safety

### Crash Data

Historical crash data was provided by the City of Albuquerque Traffic Engineering Division. The most recent three years (2015 to 2017) of crash data was obtained to evaluate the existing safety condition at the Ventana West Parkway and Paseo Del Norte Boulevard intersection. 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 Multi-Way Stop
8/2/2015		Paseo del Norte	One Left Turn/Enter at Angle	Damage 500 or more	Failed to yield right of way	Yes
10/31/2015		Paseo del Norte	One Left Turn/Enter at Angle	Damage 500 or more	Driver inattention, Failed to yield right of way	Yes
5/1/2016		Paseo del Norte	One Left Turn/Enter at Angle	Damage 500 or more	Failed to yield right of way	Yes
5/27/2016		Paseo del Norte	Both Going Straight/From Same Direction	Damage 500 or more	Following too closely	No
9/30/2016		Paseo del Norte	One Left Turn/Enter at Angle	Damage 500 or more	Failed to yield right of way	Yes
12/7/2016		Paseo del Norte	One Left Turn/Enter at Angle	Injury	Driver inattention, Failed to yield right of way	Yes
11/15/2017		Paseo del Norte	One Left Turn/Enter at Angle	Damage 500 or more	Failed to yield right of way	Yes

### Crash Analysis

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

- Out of the total crashes, four occurred during daylight conditions.
- Six of the seven crashes occurred during clear weather conditions.
- One crash resulted in an injury and the other six resulted in property damage only.

### Speed

Speed data was collected on Ventana West Parkway and in two locations on Paseo Del Norte Boulevard for a 48-hour period during the school year. The two locations along Paseo Del Norte Boulevard consisted of locations west and east of the intersection with Ventana West Parkway. See [Table 2](#) for the 85<sup>th</sup>-Percentile speeds and the 10 mph pace speeds for the three locations.

Table 2: Speed Data

Direction	85 <sup>th</sup> -Percentile Speed	10 mph Pace Speed
	<b>Paseo Del Norte Boulevard West Leg</b>	
Eastbound	60 mph	51-60 mph
Westbound	64 mph	51-60 mph
<b>Paseo Del Norte Boulevard East Leg</b>		
Eastbound	55 mph	46-55 mph
Westbound	48 mph	41-50 mph
<b>Ventana West Parkway</b>		
Northbound	38 mph	31-40 mph
Southbound	36 mph	26-35 mph

### Typical Sections

Ventana West Parkway is 75 feet wide at the intersection of Paseo Del Norte Boulevard and has curb and gutter, a raised landscaped median, and asphalt trails on either side that range from 8 feet to 10 feet wide. Ventana West Parkway utilizes a crosswalk with a pedestrian refuge island at the T-intersection. See [Figure 2](#) below.



Figure 2: Ventana West Parkway at Intersection Facing North

The eastern leg of Paseo Del Norte Boulevard is 36 feet wide at the intersection including a right turn bay for the westbound direction. Further east beyond the turn bay, the roadway section is 24 feet wide. There is no shoulder on the westbound lane, but a 12-15 foot wide shoulder exists on the eastbound lane. Paseo Del Norte Boulevard does not have curb and gutter or sidewalk in this area. See [Figure 4](#) and [Figure 5](#).





*Figure 3: Paseo Del Norte Boulevard Facing East*



*Figure 4: Paseo Del Norte Boulevard Facing West*



## Multi-Way Stop Warrant

The MUTCD states the following four criteria that should be considered when analyzing the need for a multi-way stop as:

- A. *Where traffic control signals are justified, the multi-way stop is an interim measure that can be installed quickly to control traffic while arrangements are being made for the installation of the traffic control signal.*
- B. *Five or more reported crashes in a 12-month period that are susceptible to correction by a multi-way stop installation. Such crashes include right-turn and left-turn collisions as well as right-angle collisions.*
- C. *Minimum volumes:*
  1. *The vehicular volume entering the intersection from the major street approaches (total of both approaches) averages at least 300 vehicles per hour for any 8 hours of an average day; and*
  2. *The combined vehicular, pedestrian, and bicycle volume entering the intersection from the minor street approaches (total of both approaches) averages at least 200 units per hour for the same 8 hours, with an average delay to minor-street vehicular traffic of at least 30 seconds per vehicle during the highest hour; but*
  3. *If the 85th-percentile approach speed of the major-street traffic exceeds 40 mph, the minimum vehicular volume warrants are 70 percent of the values provided in Items 1 and 2.*
- D. *Where no single criterion is satisfied, but where Criteria B, C.1, and C.2 are all satisfied to 80 percent of the minimum values. Criterion C.3 is excluded from this condition.*

Other criteria that may be considered in an engineering study include:

- A. The need to control left-turn conflicts;
- B. The need to control vehicle/pedestrian conflicts near locations that generate high pedestrian volumes;
- C. Locations where a road user, after stopping, cannot see conflicting traffic and is not able to negotiate the intersection unless conflicting cross traffic is also required to stop; and
- D. An intersection of two residential neighborhood collector (through) streets of similar design and operating characteristics where multi-way stop control would improve traffic operational characteristics of the intersection.

### Multi Stop Analysis

These criteria were used to analyze the need for a multi-way stop at the Ventana West Parkway and Paseo Del Norte Boulevard intersection. The following is a summary of the results:

- A. Intersection does meet Warrant 2 of the Signal Warrant criteria (MUTCD Section 4C.01 Studies and Factors for Justifying Traffic Control Signals). See [Table 3](#) and [Table 4](#) for the Warrants 1 and 2 evaluation.
- B. There are not a minimum of five reported crashes within a 12 month period that could be corrected by a multi-way stop.
- C. Minimum volumes:
  - 1. Vehicular volumes meet the criteria for 7 hours.
  - 2. Vehicular volumes meet the criteria for 3 hours.
  - 3. 85<sup>th</sup>-percentile approach speed of major-street exceeds 40 mph.
    - i. 85<sup>th</sup>-percentile approach speed of the west leg of Paseo Del Norte Boulevard is 60 mph.
    - ii. 85<sup>th</sup> percentile approach speed of the east leg of Paseo Del Norte Boulevard is 48 mph.
    - iii. Using 70% of values for 1 and 2, each meets criteria for 8 hours (same hours of the day). See [Table 5](#) and [Table 6](#) for 70% Value evaluation.
- D. n/a

Other criteria:

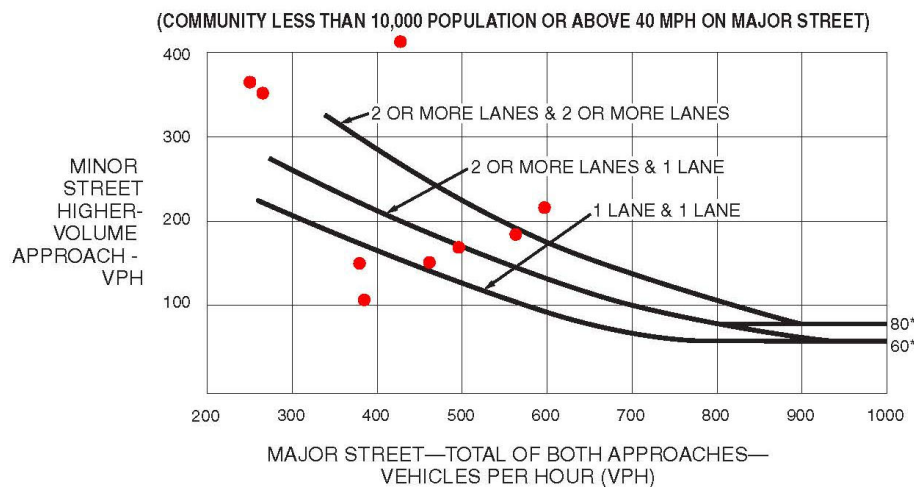
- A. Out of the seven total crashes within a three-year period, six of the crashes involved a vehicle turning left.
- B. Not applicable.
- C. Sight distance is adequate.
- D. Not applicable.

Table 3: Warrant 1

WARRANT 1 8 Hour Vol.	MAJOR STREET	MAJOR STREET	TOTAL MAJ. ST.	Maj. St. Req'd. Vol.	Maj. St. Req'd. Vol.	Maj. St. Cond. Met	MINOR STREET	MINOR STREET	Minor St. Appr. Met	Minor St. Appr. Met	Condition A	Condition B
	APP. 1	APP. 3	1+3	Cond. A	Cond. B	A/B	APP. 2	APP. 4	Cond. A	Cond. B	Met	Met
0:00 - 1:00	15	6	21	350	525		3					
1:00 - 2:00	10	8	18	350	525		4					
2:00 - 3:00	11	6	17	350	525		6					
3:00 - 4:00	10	4	14	350	525		12					
4:00 - 5:00	16	10	26	350	525		44					
5:00 - 6:00	62	7	69	350	525		110			2		
6:00 - 7:00	201	49	250	350	525		386		2	2		
7:00 - 8:00	323	82	405	350	525	A	453		2	2	A	
8:00 - 9:00	212	58	270	350	525		346		2	2		
9:00 - 10:00	131	40	171	350	525		144		2	2		
10:00 - 11:00	134	59	193	350	525		118			2		
11:00 - 12:00	138	55	193	350	525		112			2		
12:00 - 13:00	205	66	271	350	525		126			2		
13:00 - 14:00	180	101	281	350	525		118			2		
14:00 - 15:00	261	112	373	350	525	A	142		2	2	A	
15:00 - 16:00	340	159	499	350	525	A	167		2	2	A	
16:00 - 17:00	374	184	558	350	525	A & B	174		2	2	A	B
17:00 - 18:00	392	207	599	350	525	A & B	214		2	2	A	B
18:00 - 19:00	330	130	460	350	525	A	148		2	2	A	
19:00 - 20:00	316	68	384	350	525	A	101			2		
20:00 - 21:00	236	41	277	350	525		77			2		
21:00 - 22:00	139	30	169	350	525		50					
22:00 - 23:00	74	28	102	350	525		30					
23:00 - 24:00	42	22	64	350	525		16					
<b>Total Volume</b>	<b>4152</b>	<b>1532</b>		Met (Hr)	Required (Hr)		<b>3101</b>	<b>0</b>				
	Warrant 1A			6	8		Not satisfied					
	Warrant 1B			2	8		Not satisfied					Page 1 of 4

Table 4: Warrant 2

Figure 4C-2. Warrant 2, Four-Hour Vehicular Volume (70% Factor)



\*Note: 80 vph applies as the lower threshold volume for a minor-street approach with two or more lanes and 60 vph applies as the lower threshold volume for a minor-street approach with one lane.



Table 5: Multi-way Stop Analysis C.1. & C.2.

	Counter 1	Counter 2				Counter 3				
	Paseo del Norte EB	Paseo del Norte WB				Ventana West SB				
<b>2B.07</b>	MAJOR	MAJOR	TOTAL	Major	Major Street	MINOR	MINOR	TOTAL	Minor	Major Street
<b>C.1. &amp; C.2.</b>	STREET	STREET	MAJ. ST.	Street	Condition	STREET	STREET	MAJ. ST.	Street	Condition
HOUR	APP. 1	APP. 3	1+3	Approach	Met?	APP. 2	APP. 4	2+4	Approach	Met?
0:00 - 1:00	15	6	21	300		3		3	200	
1:00 - 2:00	10	8	18	300		4		4	200	
2:00 - 3:00	11	6	17	300		6		6	200	
3:00 - 4:00	10	4	14	300		12		12	200	
4:00 - 5:00	16	10	26	300		44		44	200	
5:00 - 6:00	62	7	69	300		110		110	200	
6:00 - 7:00	201	49	250	300		386		386	200	YES
7:00 - 8:00	323	82	405	300	YES	453		453	200	YES
8:00 - 9:00	212	58	270	300		346		346	200	YES
9:00 - 10:00	131	40	171	300		144		144	200	
10:00 - 11:00	134	59	193	300		118		118	200	
11:00 - 12:00	138	55	193	300		112		112	200	
12:00 - 13:00	205	66	271	300		126		126	200	
13:00 - 14:00	180	101	281	300		118		118	200	
14:00 - 15:00	261	112	373	300	YES	142		142	200	
15:00 - 16:00	340	159	499	300	YES	167		167	200	
16:00 - 17:00	374	184	558	300	YES	174		174	200	
17:00 - 18:00	392	207	599	300	YES	214		214	200	YES
18:00 - 19:00	330	130	460	300	YES	148		148	200	
19:00 - 20:00	316	68	384	300	YES	101		101	200	
20:00 - 21:00	236	41	277	300		77		77	200	
21:00 - 22:00	139	30	169	300		50		50	200	
22:00 - 23:00	74	28	102	300		30		30	200	
23:00 - 24:00	42	22	64	300		16		16	200	
<b>Total Volume</b>	<b>4152</b>	<b>1532</b>		Met (Hr)		<b>3101</b>	<b>0</b>		Met (Hr)	
				7					4	



1. Does not meet: none of the crashes could be corrected with traffic calming measures
2. Does meet: 453 vehicles southbound direction AM peak-hour > 400 vehicles
3. Does not apply, therefore does not meet
4. Does not meet:
  - a. Posted speed limit: 40 mph
    - i. Northbound 85<sup>th</sup>-Percentile Speed: 38 mph
    - ii. Southbound 85<sup>th</sup>-Percentile Speed: 36 mph

## Recommendations

Upon review of criteria A through D, a multi-way stop is warranted at the intersection of Ventana West Parkway and Paseo Del Norte Boulevard. In particular, criterion C.3 was satisfied due to the approach speeds on Paseo del Norte Boulevard exceeding 40 mph. In addition to implementing a multi-way stop at this intersection, it is recommended to consider advanced warning signs to indicate the multi-way stop due to these speeds along Paseo del Norte Boulevard.

Based on reviewing the NTMP traffic calming criteria, no traffic calming techniques are recommended for Ventana West Parkway. In order for traffic calming to warrant, this area would need to experience more crashes that could have been corrected by traffic calming techniques, and/or the 85<sup>th</sup>-Percentile speed along Ventana West Parkway would need to increase to exceed the posted speed limit by 5 mph.



## Appendix A – Traffic Count Data

# Wilson & Company

4401 Masthead Street, Suite 150  
Albuquerque, NM 87109

Default Comments File Name : Ventana Ranch and Paseo del Norte\_revised  
 Change These in The Preferences Window Site Code : 00000000  
 Select File/Preference in the Main Scree Start Date : 9/26/2018  
 Then Click the Comments Tab Page No : 1

Groups Printed- Cars - Buses - Trucks

Start Time	VENTANA RANCH From North					PASEO DEL NORTE From East					VENTANA RANCH From South					PASEO DEL NORTE From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
06:00 AM	5	0	48	0	53	8	13	0	0	21	0	0	0	0	0	0	4	0	0	4	78
06:15 AM	2	0	83	0	85	14	24	0	0	38	0	0	0	0	0	0	7	0	0	7	130
06:30 AM	5	0	91	0	96	12	46	1	1	60	0	0	0	0	0	0	14	4	0	18	174
06:45 AM	8	0	118	0	126	19	45	0	0	64	0	0	0	0	0	0	18	1	0	19	209
Total	20	0	340	0	360	53	128	1	1	183	0	0	0	0	0	0	43	5	0	48	591
07:00 AM	12	0	135	0	147	19	53	0	0	72	0	0	0	0	0	0	13	2	0	15	234
07:15 AM	16	0	95	1	112	27	62	0	0	89	0	0	0	0	0	0	18	1	0	19	220
07:30 AM	9	0	95	1	105	20	59	0	0	79	0	0	0	0	0	0	16	0	0	16	200
07:45 AM	6	0	97	0	103	17	60	0	1	78	0	0	0	0	0	0	25	1	0	26	207
Total	43	0	422	2	467	83	234	0	1	318	0	0	0	0	0	0	72	4	0	76	861
08:00 AM	6	0	108	0	114	41	36	0	0	77	0	0	0	0	0	0	27	2	0	29	220
08:15 AM	2	0	79	0	81	36	31	0	0	67	0	0	0	0	0	0	11	4	0	15	163
08:30 AM	3	0	86	0	89	24	22	0	0	46	0	0	0	0	0	0	11	1	0	12	147
08:45 AM	6	0	61	0	67	29	26	1	0	56	0	0	0	0	0	0	13	1	0	14	137
Total	17	0	334	0	351	130	115	1	0	246	0	0	0	0	0	0	62	8	0	70	667
*** BREAK ***																					
10:30 AM	2	0	31	0	33	20	18	0	0	38	0	0	0	0	0	0	14	0	0	14	85
10:45 AM	1	0	22	0	23	20	15	0	1	36	0	0	0	0	0	0	20	0	0	20	79
Total	3	0	53	0	56	40	33	0	1	74	0	0	0	0	0	0	34	0	0	34	164
11:00 AM	0	0	29	0	29	25	15	0	0	40	0	0	0	0	0	0	18	1	0	19	88
11:15 AM	2	0	38	1	41	23	17	0	0	40	0	0	0	0	0	0	8	0	0	8	89
11:30 AM	0	0	32	0	32	21	18	0	0	39	0	0	0	0	0	0	13	3	0	16	87
11:45 AM	2	0	35	1	38	19	18	0	0	37	0	0	0	0	0	0	18	0	0	18	93
Total	4	0	134	2	140	88	68	0	0	156	0	0	0	0	0	0	57	4	0	61	357
12:00 PM	2	0	32	0	34	30	22	0	2	54	0	0	0	0	0	0	19	2	0	21	109
12:15 PM	2	0	39	0	41	38	19	0	0	57	0	0	0	0	0	0	18	2	1	21	119
12:30 PM	1	0	38	0	39	63	14	0	1	78	0	0	0	0	0	0	25	1	0	26	143
12:45 PM	0	0	42	0	42	44	17	0	0	61	0	0	0	0	0	0	15	0	1	16	119
Total	5	0	151	0	156	175	72	0	3	250	0	0	0	0	0	0	77	5	2	84	490
01:00 PM	2	0	33	0	35	29	13	0	0	42	0	0	0	0	0	0	13	3	0	16	93
01:15 PM	1	0	31	0	32	35	13	0	0	48	0	0	0	0	0	0	17	1	1	19	99
*** BREAK ***																					
Total	3	0	64	0	67	64	26	0	0	90	0	0	0	0	0	0	30	4	1	35	192
*** BREAK ***																					
03:00 PM	0	0	41	0	41	56	15	0	1	72	0	0	0	0	0	0	30	3	0	33	146
03:15 PM	2	0	46	0	48	78	21	0	0	99	0	0	0	0	0	1	32	4	0	37	184
03:30 PM	1	1	43	0	45	72	16	0	0	88	0	0	0	0	0	0	42	4	0	46	179
03:45 PM	0	0	31	0	31	60	17	0	1	78	0	0	0	0	0	0	55	4	0	59	168
Total	3	1	161	0	165	266	69	0	2	337	0	0	0	0	0	1	159	15	0	175	677
04:00 PM	1	0	46	0	47	62	25	0	1	88	0	0	0	0	0	0	39	2	0	41	176
04:15 PM	0	0	53	0	53	67	16	0	0	83	0	0	0	0	0	0	45	5	0	50	186

# Wilson & Company

4401 Masthead Street, Suite 150  
Albuquerque, NM 87109

File Name : Ventana Ranch and Paseo del Norte\_revised

Site Code : 00000000

Start Date : 9/26/2018

Page No : 2

Groups Printed- Cars - Buses - Trucks

Start Time	VENTANA RANCH From North					PASEO DEL NORTE From East					VENTANA RANCH From South					PASEO DEL NORTE From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
04:30 PM	2	0	34	0	36	84	16	0	0	100	0	0	0	0	0	0	47	5	0	52	188
04:45 PM	2	0	54	0	56	70	20	0	1	91	0	0	0	0	0	0	27	10	0	37	184
Total	5	0	187	0	192	283	77	0	2	362	0	0	0	0	0	0	158	22	0	180	734
05:00 PM	2	0	60	0	62	81	20	0	1	102	0	0	0	0	0	0	51	9	0	60	224
05:15 PM	1	0	50	0	51	77	19	0	1	97	0	0	0	0	0	0	65	5	0	70	218
05:30 PM	1	0	60	1	62	72	20	0	0	92	0	0	0	0	0	0	42	12	0	54	208
05:45 PM	5	0	47	0	52	69	15	0	1	85	0	0	0	1	1	0	35	8	0	43	181
Total	9	0	217	1	227	299	74	0	3	376	0	0	0	1	1	0	193	34	0	227	831
Grand Total	112	1	2063	5	2181	1481	896	2	13	2392	0	0	0	1	1	1	885	101	3	990	5564
Apprch %	5.1	0	94.6	0.2		61.9	37.5	0.1	0.5		0	0	0	100		0.1	89.4	10.2	0.3		
Total %	2	0	37.1	0.1	39.2	26.6	16.1	0	0.2	43	0	0	0	0	0	0	15.9	1.8	0.1	17.8	
Cars	111	1	2041			1459															
% Cars	99.1	100	98.9	100	98.9	98.5	98.9	100	100	98.7	0	0	0	100	100	100	98.4	98	100	98.4	98.7
Buses	1	0	22	0	23	22	4	0	0	26	0	0	0	0	0	0	6	2	0	8	57
% Buses	0.9	0	1.1	0	1.1	1.5	0.4	0	0	1.1	0	0	0	0	0	0	0.7	2	0	0.8	1
Trucks	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	8	0	0	8	14
% Trucks	0	0	0	0	0	0	0.7	0	0	0.3	0	0	0	0	0	0	0.9	0	0	0.8	0.3

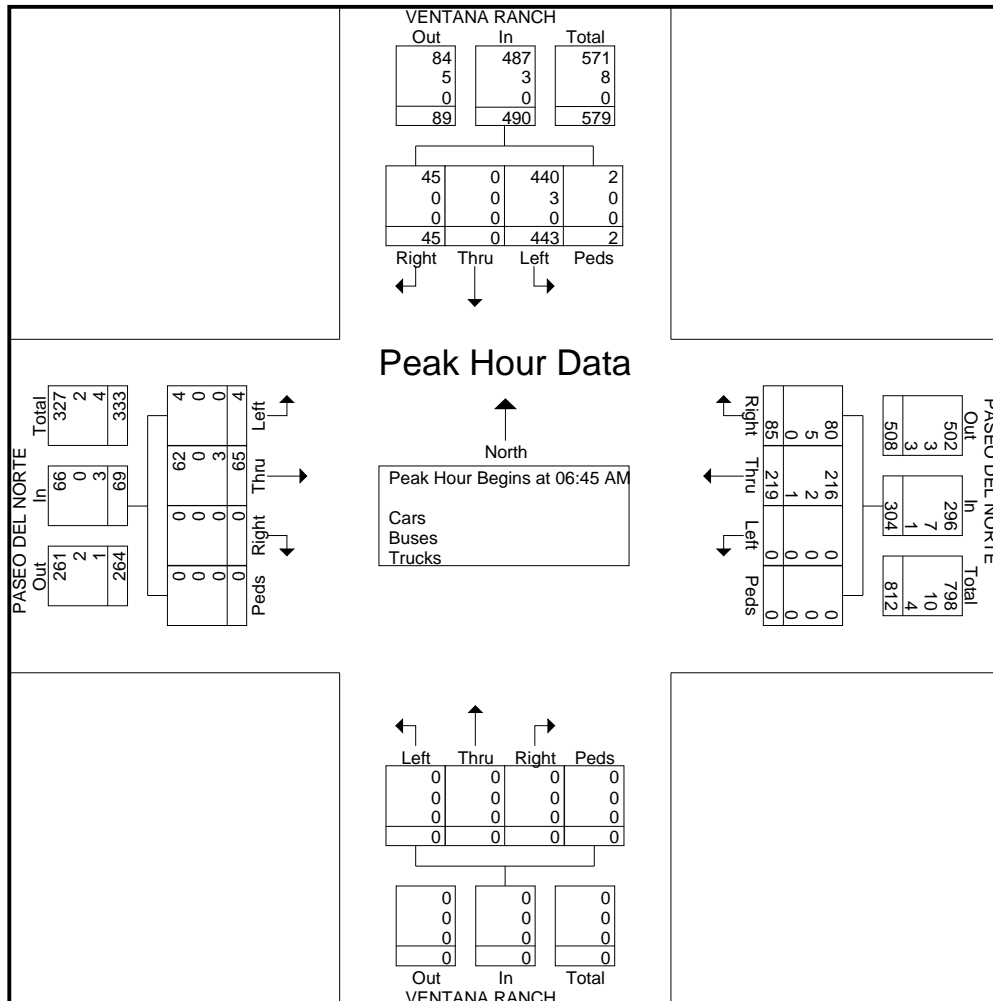


# Wilson & Company

4401 Masthead Street, Suite 150  
Albuquerque, NM 87109

File Name : Ventana Ranch and Paseo del Norte\_revised  
Site Code : 00000000  
Start Date : 9/26/2018  
Page No : 3

Start Time	VENTANA RANCH From North					PASEO DEL NORTE From East					VENTANA RANCH From South					PASEO DEL NORTE From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 09:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 06:45 AM																					
06:45 AM	8	0	118	0	126	19	45	0	0	64	0	0	0	0	0	0	18	1	0	19	209
07:00 AM	12	0	135	0	147	19	53	0	0	72	0	0	0	0	0	0	13	2	0	15	234
07:15 AM	16	0	95	1	112	27	62	0	0	89	0	0	0	0	0	0	18	1	0	19	220
07:30 AM	9	0	95	1	105	20	59	0	0	79	0	0	0	0	0	0	16	0	0	16	200
Total Volume	45	0	443	2	490	85	219	0	0	304	0	0	0	0	0	0	65	4	0	69	863
% App. Total	9.2	0	90.4	0.4		28	72	0	0		0	0	0	0	0	0	94.2	5.8	0		
PHF	.703	.000	.820	.500	.833	.787	.883	.000	.000	.854	.000	.000	.000	.000	.000	.000	.903	.500	.000	.908	.922
Cars	45	0	440	2	487	80	216	0	0	296	0	0	0	0	0	0	62	4	0	66	849
% Cars	100	0	99.3	100	99.4	94.1	98.6	0	0	97.4	0	0	0	0	0	0	95.4	100	0	95.7	98.4
Buses	0	0	3	0	3	5	2	0	0	7	0	0	0	0	0	0	0	0	0	0	10
% Buses	0	0	0.7	0	0.6	5.9	0.9	0	0	2.3	0	0	0	0	0	0	0	0	0	0	1.2
Trucks	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3	0	0	3	4
% Trucks	0	0	0	0	0	0	0.5	0	0	0.3	0	0	0	0	0	0	4.6	0	0	4.3	0.5



# Wilson & Company

4401 Masthead Street, Suite 150  
Albuquerque, NM 87109

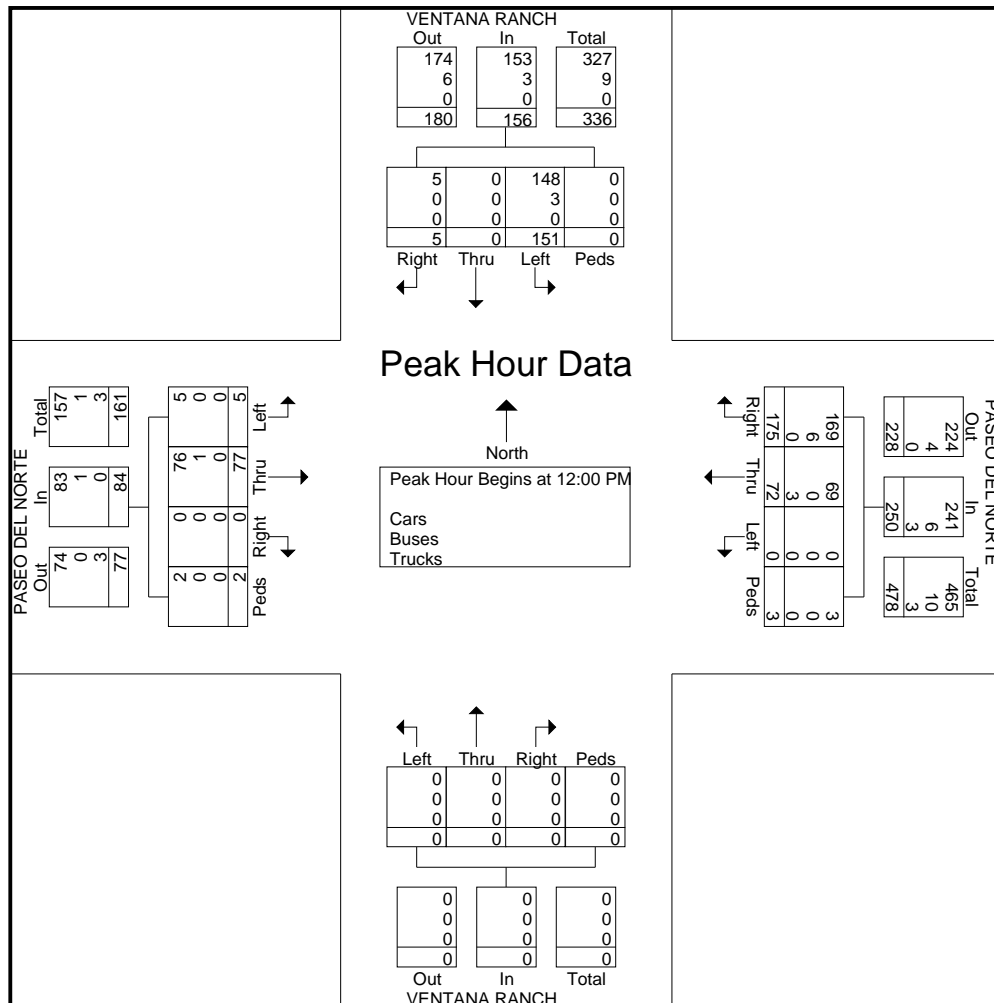
File Name : Ventana Ranch and Paseo del Norte\_revised

Site Code : 00000000

Start Date : 9/26/2018

Page No : 4

Start Time	VENTANA RANCH From North					PASEO DEL NORTE From East					VENTANA RANCH From South					PASEO DEL NORTE From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 10:00 AM to 01:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 12:00 PM																					
12:00 PM	2	0	32	0	34	30	22	0	2	54	0	0	0	0	0	0	19	2	0	21	109
12:15 PM	2	0	39	0	41	38	19	0	0	57	0	0	0	0	0	0	18	2	1	21	119
12:30 PM	1	0	38	0	39	63	14	0	1	78	0	0	0	0	0	0	25	1	0	26	143
12:45 PM	0	0	42	0	42	44	17	0	0	61	0	0	0	0	0	0	15	0	1	16	119
Total Volume	5	0	151	0	156	175	72	0	3	250	0	0	0	0	0	0	77	5	2	84	490
% App. Total	3.2	0	96.8	0		70	28.8	0	1.2		0	0	0	0		0	91.7	6	2.4		
PHF	.625	.000	.899	.000	.929	.694	.818	.000	.375	.801	.000	.000	.000	.000	.000	.000	.770	.625	.500	.808	.857
Cars	5	0	148	0	153	169	69	0	3	241	0	0	0	0	0	0	76	5	2	83	477
% Cars	100	0	98.0	0	98.1	96.6	95.8	0	100	96.4	0	0	0	0	0	0	98.7	100	100	98.8	97.3
Buses	0	0	3	0	3	6	0	0	0	6	0	0	0	0	0	0	1	0	0	1	10
% Buses	0	0	2.0	0	1.9	3.4	0	0	0	2.4	0	0	0	0	0	0	1.3	0	0	1.2	2.0
Trucks	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	3
% Trucks	0	0	0	0	0	0	4.2	0	0	1.2	0	0	0	0	0	0	0	0	0	0	0.6



# Wilson & Company

4401 Masthead Street, Suite 150  
Albuquerque, NM 87109

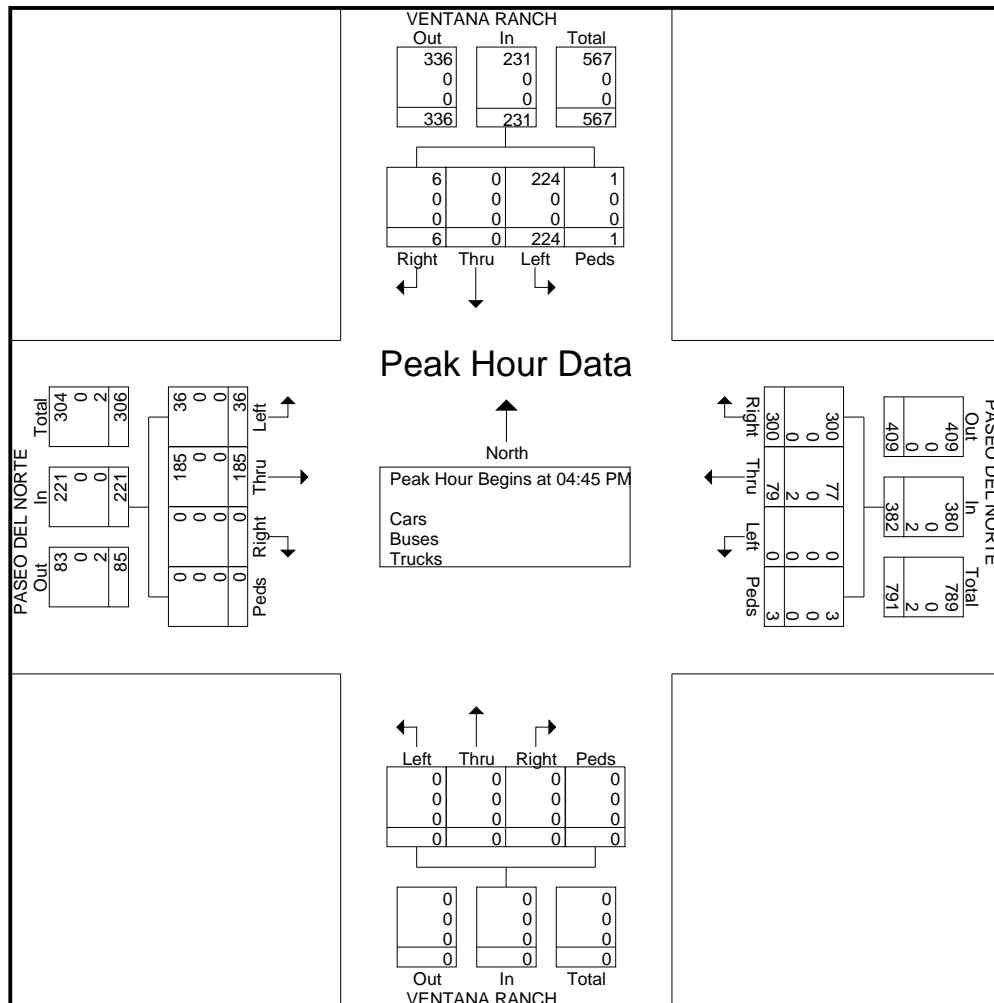
File Name : Ventana Ranch and Paseo del Norte\_revised

Site Code : 00000000

Start Date : 9/26/2018

Page No : 5

Start Time	VENTANA RANCH From North					PASEO DEL NORTE From East					VENTANA RANCH From South					PASEO DEL NORTE From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 02:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:45 PM																					
04:45 PM	2	0	54	0	56	70	20	0	1	91	0	0	0	0	0	0	27	10	0	37	184
05:00 PM	2	0	60	0	62	81	20	0	1	102	0	0	0	0	0	0	51	9	0	60	224
05:15 PM	1	0	50	0	51	77	19	0	1	97	0	0	0	0	0	0	65	5	0	70	218
05:30 PM	1	0	60	1	62	72	20	0	0	92	0	0	0	0	0	0	42	12	0	54	208
Total Volume	6	0	224	1	231	300	79	0	3	382	0	0	0	0	0	0	185	36	0	221	834
% App. Total	2.6	0	97	0.4		78.5	20.7	0	0.8		0	0	0	0		0	83.7	16.3	0		
PHF	.750	.000	.933	.250	.931	.926	.988	.000	.750	.936	.000	.000	.000	.000	.000	.000	.712	.750	.000	.789	.931
Cars	6	0	224	1	231	300	77	0	3	380	0	0	0	0	0	0	185	36	0	221	832
% Cars	100	0	100	100	100	100	97.5	0	100	99.5	0	0	0	0	0	0	100	100	0	100	99.8
Buses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Buses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trucks	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	2
% Trucks	0	0	0	0	0	0	2.5	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0.2





Site Code: VENTANA  
 Station ID:

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

Start Time	24-Sep-18		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	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	South Bo
12:00 AM	*	*	27	6	11	4	0	0	*	*	*	*	*	*	13	3
01:00	*	*	7	3	9	5	*	*	*	*	*	*	*	*	8	4
02:00	*	*	9	5	7	6	*	*	*	*	*	*	*	*	8	6
03:00	*	*	5	14	8	11	*	*	*	*	*	*	*	*	6	12
04:00	*	*	3	44	7	43	*	*	*	*	*	*	*	*	5	44
05:00	*	*	13	105	13	116	*	*	*	*	*	*	*	*	13	110
06:00	*	*	60	399	62	372	*	*	*	*	*	*	*	*	61	386
07:00	*	*	104	437	95	469	*	*	*	*	*	*	*	*	100	453
08:00	*	*	121	365	134	326	*	*	*	*	*	*	*	*	128	346
09:00	*	*	68	132	67	156	*	*	*	*	*	*	*	*	68	144
10:00	*	*	75	117	87	120	*	*	*	*	*	*	*	*	81	118
11:00	*	*	83	94	94	129	*	*	*	*	*	*	*	*	88	112
12:00 PM	*	*	111	92	179	159	*	*	*	*	*	*	*	*	145	126
01:00	*	*	113	109	138	128	*	*	*	*	*	*	*	*	126	118
02:00	*	*	209	131	196	153	*	*	*	*	*	*	*	*	202	142
03:00	*	*	274	178	283	156	*	*	*	*	*	*	*	*	278	167
04:00	*	*	342	172	313	176	*	*	*	*	*	*	*	*	328	174
05:00	*	*	369	202	336	225	*	*	*	*	*	*	*	*	352	214
06:00	*	*	338	150	296	145	*	*	*	*	*	*	*	*	317	148
07:00	*	*	280	100	302	102	*	*	*	*	*	*	*	*	291	101
08:00	*	*	183	74	233	80	*	*	*	*	*	*	*	*	208	77
09:00	*	*	110	46	140	53	*	*	*	*	*	*	*	*	125	50
10:00	*	*	56	22	71	37	*	*	*	*	*	*	*	*	64	30
11:00	*	*	27	14	43	17	*	*	*	*	*	*	*	*	35	16
Lane Day	0	0	2987	3011	3124	3188	0	0	0	0	0	0	0	0	3050	3101
AM Peak	-	-	08:00	07:00	08:00	07:00	-	-	-	-	-	-	-	-	08:00	07:00
Vol.	-	-	121	437	134	469	-	-	-	-	-	-	-	-	128	453
PM Peak	-	-	17:00	17:00	17:00	17:00	-	-	-	-	-	-	-	-	17:00	17:00
Vol.	-	-	369	202	336	225	-	-	-	-	-	-	-	-	352	214

Comb. Total	0	5998	6312	0	0	0	0	6151
ADT	ADT 6,147	AADT 6,147						

Site Code: VENTANA  
 Station ID:

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

North Bound, South 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
09/25/18	0	29	4	0	0	0	0	0	0	0	0	0	0	0	33
01:00	0	9	1	0	0	0	0	0	0	0	0	0	0	0	10
02:00	1	10	3	0	0	0	0	0	0	0	0	0	0	0	14
03:00	0	18	1	0	0	0	0	0	0	0	0	0	0	0	19
04:00	0	35	12	0	0	0	0	0	0	0	0	0	0	0	47
05:00	1	93	23	0	1	0	0	0	0	0	0	0	0	0	118
06:00	6	381	58	5	6	0	0	0	0	0	0	0	0	3	459
07:00	3	455	71	2	4	0	0	1	0	0	0	0	0	5	541
08:00	1	408	57	12	4	0	0	1	0	0	0	0	0	3	486
09:00	0	165	31	0	4	0	0	0	0	0	0	0	0	0	200
10:00	1	159	28	1	3	0	0	0	0	0	0	0	0	0	192
11:00	1	136	30	3	6	0	0	0	0	0	0	0	0	1	177
12 PM	0	169	30	0	4	0	0	0	0	0	0	0	0	0	203
13:00	3	194	23	0	0	0	0	0	0	0	0	0	0	2	222
14:00	2	290	38	4	5	0	0	0	0	0	0	0	0	1	340
15:00	2	374	56	6	8	1	0	2	0	0	0	1	0	2	452
16:00	8	412	74	9	9	1	0	0	0	0	0	0	0	1	514
17:00	3	471	81	0	14	0	0	2	0	0	0	0	0	0	571
18:00	0	403	81	0	4	0	0	0	0	0	0	0	0	0	488
19:00	2	316	53	0	7	0	0	0	0	0	0	0	0	2	380
20:00	1	219	32	0	3	0	0	0	0	0	0	0	0	2	257
21:00	0	137	18	0	1	0	0	0	0	0	0	0	0	0	156
22:00	0	67	8	0	3	0	0	0	0	0	0	0	0	0	78
23:00	0	36	4	0	1	0	0	0	0	0	0	0	0	0	41
Total	35	4986	817	42	87	2	0	6	0	0	0	1	0	22	5998
Percent	0.6%	83.1%	13.6%	0.7%	1.5%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	
AM Peak	06:00	07:00	07:00	08:00	06:00			07:00						07:00	07:00
Vol.	6	455	71	12	6			1						5	541
PM Peak	16:00	17:00	17:00	16:00	17:00	15:00		15:00				15:00		13:00	17:00
Vol.	8	471	81	9	14	1		2				1		2	571



Site Code: VENTANA  
 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
09/25/18	0	0	1	9	4	10	2	0	0	1	0	0	0	0	27	29-38	14
01:00	0	0	0	1	2	1	3	0	0	0	0	0	0	0	7	34-43	4
02:00	0	0	1	1	3	3	0	0	1	0	0	0	0	0	9	31-40	6
03:00	0	0	0	3	1	1	0	0	0	0	0	0	0	0	5	26-35	4
04:00	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3	26-35	3
05:00	0	0	0	2	7	4	0	0	0	0	0	0	0	0	13	30-39	11
06:00	1	0	1	7	23	21	6	1	0	0	0	0	0	0	60	31-40	44
07:00	0	1	1	15	49	33	4	1	0	0	0	0	0	0	104	31-40	82
08:00	2	0	1	22	61	33	2	0	0	0	0	0	0	0	121	31-40	94
09:00	1	0	1	7	28	29	2	0	0	0	0	0	0	0	68	31-40	57
10:00	0	0	2	8	35	25	5	0	0	0	0	0	0	0	75	31-40	60
11:00	0	1	1	12	32	32	4	1	0	0	0	0	0	0	83	31-40	64
12 PM	0	0	1	15	50	40	4	1	0	0	0	0	0	0	111	31-40	90
13:00	3	0	0	7	52	47	4	0	0	0	0	0	0	0	113	31-40	99
14:00	1	1	1	16	88	76	13	10	2	1	0	0	0	0	209	31-40	164
15:00	3	0	4	37	145	77	8	0	0	0	0	0	0	0	274	31-40	222
16:00	1	0	4	26	185	107	16	2	1	0	0	0	0	0	342	31-40	292
17:00	0	0	0	22	182	140	23	2	0	0	0	0	0	0	369	31-40	322
18:00	0	0	1	31	155	132	15	2	2	0	0	0	0	0	338	31-40	287
19:00	2	1	4	32	135	95	9	2	0	0	0	0	0	0	280	31-40	230
20:00	1	0	1	22	85	67	5	2	0	0	0	0	0	0	183	31-40	152
21:00	0	0	1	10	52	44	1	2	0	0	0	0	0	0	110	31-40	96
22:00	0	0	3	8	26	17	2	0	0	0	0	0	0	0	56	31-40	43
23:00	0	0	0	7	15	3	1	0	1	0	0	0	0	0	27	26-35	22
<b>Total</b>	15	4	29	320	1418	1037	129	26	7	2	0	0	0	0	2987		
Percent	0.5%	0.1%	1.0%	10.7%	47.5%	34.7%	4.3%	0.9%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	07:00	10:00	08:00	08:00	07:00	06:00	06:00	02:00	00:00					08:00		
Vol.	2	1	2	22	61	33	6	1	1	1					121		
PM Peak	13:00	14:00	15:00	15:00	16:00	17:00	17:00	14:00	14:00	14:00					17:00		
Vol.	3	1	4	37	185	140	23	10	2	1					369		



Site Code: VENTANA  
 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	
09/26/18	0	0	0	2	6	2	0	1	0	0	0	0	0	0	11	31-40	8	
01:00	0	0	0	4	3	1	1	0	0	0	0	0	0	0	9	26-35	7	
02:00	0	0	0	2	4	0	1	0	0	0	0	0	0	0	7	26-35	6	
03:00	0	0	0	2	3	2	0	1	0	0	0	0	0	0	8	31-40	5	
04:00	0	0	2	0	3	2	0	0	0	0	0	0	0	0	7	31-40	5	
05:00	0	0	0	6	2	4	1	0	0	0	0	0	0	0	13	25-34	8	
06:00	0	0	2	13	26	17	3	1	0	0	0	0	0	0	62	31-40	43	
07:00	0	0	1	16	48	24	4	2	0	0	0	0	0	0	95	31-40	72	
08:00	0	0	2	17	67	39	7	2	0	0	0	0	0	0	134	31-40	106	
09:00	1	0	1	10	26	28	1	0	0	0	0	0	0	0	67	31-40	54	
10:00	0	0	2	7	45	26	6	0	1	0	0	0	0	0	87	31-40	71	
11:00	1	0	0	13	48	29	2	1	0	0	0	0	0	0	94	31-40	77	
12 PM	0	0	2	26	83	58	9	0	0	1	0	0	0	0	179	31-40	141	
13:00	0	0	1	18	60	46	10	3	0	0	0	0	0	0	138	31-40	106	
14:00	2	0	1	18	89	70	11	4	1	0	0	0	0	0	196	31-40	159	
15:00	1	0	2	24	142	101	12	0	1	0	0	0	0	0	283	31-40	243	
16:00	0	0	3	19	116	150	18	6	1	0	0	0	0	0	313	31-40	266	
17:00	2	0	0	15	111	169	30	8	1	0	0	0	0	0	336	31-40	280	
18:00	4	0	5	19	147	103	14	3	1	0	0	0	0	0	296	31-40	250	
19:00	0	0	1	27	148	107	14	2	3	0	0	0	0	0	302	31-40	255	
20:00	0	0	1	26	123	69	8	3	1	0	2	0	0	0	233	31-40	192	
21:00	1	1	1	16	69	44	6	1	1	0	0	0	0	0	140	31-40	113	
22:00	0	0	1	12	33	22	3	0	0	0	0	0	0	0	71	31-40	55	
23:00	0	0	0	2	21	16	3	1	0	0	0	0	0	0	43	31-40	37	
<b>Total</b>	12	1	28	314	1423	1129	164	39	11	1	2	0	0	0	3124			
Percent	0.4%	0.0%	0.9%	10.1%	45.6%	36.1%	5.2%	1.2%	0.4%	0.0%	0.1%	0.0%	0.0%	0.0%				
AM Peak	09:00		04:00	08:00	08:00	08:00	08:00	07:00	10:00							08:00		
Vol.	1		2	17	67	39	7	2	1							134		
PM Peak	18:00	21:00	18:00	19:00	19:00	17:00	17:00	17:00	19:00	12:00	20:00					17:00		
Vol.	4	1	5	27	148	169	30	8	3	1	2					336		
Total	27	5	57	634	2841	2166	293	65	18	3	2	0	0	0	6111			
Percent	0.4%	0.1%	0.9%	10.4%	46.5%	35.4%	4.8%	1.1%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%				

15th Percentile : 30 MPH  
 50th Percentile : 34 MPH  
 85th Percentile : 38 MPH  
 95th Percentile : 41 MPH

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Stats	10 MPH Pace Speed :	31-40 MPH
	Number in Pace :	5007
	Percent in Pace :	81.9%
	Number of Vehicles > 40 MPH :	381
	Percent of Vehicles > 40 MPH :	6.2%
	Mean Speed(Average) :	35 MPH



Site Code: VENTANA  
 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
09/26/18	0	0	0	1	2	1	0	0	0	0	0	0	0	0	4	25-34	3
01:00	0	0	0	1	2	2	0	0	0	0	0	0	0	0	5	29-38	4
02:00	0	0	1	0	4	1	0	0	0	0	0	0	0	0	6	29-38	5
03:00	0	0	1	0	8	1	1	0	0	0	0	0	0	0	11	29-38	9
04:00	0	0	1	11	20	7	4	0	0	0	0	0	0	0	43	26-35	31
05:00	0	0	3	21	59	30	3	0	0	0	0	0	0	0	116	31-40	89
06:00	0	0	6	107	202	52	5	0	0	0	0	0	0	0	372	26-35	309
07:00	<b>6</b>	<b>11</b>	<b>25</b>	<b>145</b>	<b>214</b>	<b>64</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>469</b>	26-35	359
08:00	3	7	9	78	157	66	5	1	0	0	0	0	0	0	326	26-35	235
09:00	2	0	3	17	80	50	4	0	0	0	0	0	0	0	156	31-40	130
10:00	0	0	1	24	56	34	4	1	0	0	0	0	0	0	120	31-40	90
11:00	0	0	0	21	70	34	3	1	0	0	0	0	0	0	129	31-40	104
12 PM	0	0	0	35	76	43	5	0	0	0	0	0	0	0	159	31-40	119
13:00	1	0	2	32	65	27	1	0	0	0	0	0	0	0	128	26-35	97
14:00	0	0	3	38	69	36	6	1	0	0	0	0	0	0	153	26-35	107
15:00	1	0	5	37	78	30	5	0	0	0	0	0	0	0	156	26-35	115
16:00	0	0	7	30	101	35	3	0	0	0	0	0	0	0	176	31-40	136
17:00	0	0	0	36	129	56	4	0	0	0	0	0	0	0	225	31-40	185
18:00	1	0	1	27	82	30	4	0	0	0	0	0	0	0	145	31-40	112
19:00	0	0	4	27	47	22	1	1	0	0	0	0	0	0	102	26-35	74
20:00	0	1	1	23	41	13	1	0	0	0	0	0	0	0	80	26-35	64
21:00	0	0	1	17	27	8	0	0	0	0	0	0	0	0	53	26-35	44
22:00	0	1	1	11	16	7	1	0	0	0	0	0	0	0	37	26-35	27
23:00	0	0	1	6	6	4	0	0	0	0	0	0	0	0	17	26-35	12
<b>Total</b>	<b>14</b>	<b>20</b>	<b>76</b>	<b>745</b>	<b>1611</b>	<b>653</b>	<b>64</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3188</b>		
Percent	0.4%	0.6%	2.4%	23.4%	50.5%	20.5%	2.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	07:00	07:00	07:00	07:00	08:00	06:00	08:00							07:00		
Vol.	6	11	25	145	214	66	5	1							469		
PM Peak	13:00	20:00	16:00	14:00	17:00	17:00	14:00	14:00							17:00		
Vol.	1	1	7	38	129	56	6	1							225		
<b>Total</b>	<b>36</b>	<b>32</b>	<b>183</b>	<b>1450</b>	<b>3103</b>	<b>1255</b>	<b>130</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6199</b>		
Percent	0.6%	0.5%	3.0%	23.4%	50.1%	20.2%	2.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 27 MPH  
 50th Percentile : 32 MPH  
 85th Percentile : 36 MPH  
 95th Percentile : 39 MPH

Stats	10 MPH Pace Speed :	26-35 MPH
	Number in Pace :	4553
	Percent in Pace :	73.4%
	Number of Vehicles > 40 MPH :	140
	Percent of Vehicles > 40 MPH :	2.3%
	Mean Speed(Average) :	33 MPH



Site Code: E PASEO  
 Station ID:

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

Start Time	24-Sep-18		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	East Boun	West Bo	East Bou	West Bo	East Bou	West Bo	East Bou	West Bo	East Bou	West Bo	East Bou	West Bo	East Bou	West Bo	East Bou	West Bo
12:00 AM	*	*	16	29	10	16	0	0	*	*	*	*	*	*	9	15
01:00	*	*	6	9	13	11	*	*	*	*	*	*	*	*	10	10
02:00	*	*	6	11	16	11	*	*	*	*	*	*	*	*	11	11
03:00	*	*	17	8	14	12	*	*	*	*	*	*	*	*	16	10
04:00	*	*	55	10	46	22	*	*	*	*	*	*	*	*	50	16
05:00	*	*	112	65	113	60	*	*	*	*	*	*	*	*	112	62
06:00	*	*	422	208	397	194	*	*	*	*	*	*	*	*	410	201
07:00	*	*	<b>468</b>	<b>324</b>	<b>493</b>	<b>322</b>	*	*	*	*	*	*	*	*	<b>480</b>	<b>323</b>
08:00	*	*	386	192	373	232	*	*	*	*	*	*	*	*	380	212
09:00	*	*	168	130	178	132	*	*	*	*	*	*	*	*	173	131
10:00	*	*	159	115	180	154	*	*	*	*	*	*	*	*	170	134
11:00	*	*	137	118	177	158	*	*	*	*	*	*	*	*	157	138
12:00 PM	*	*	139	165	225	245	*	*	*	*	*	*	*	*	182	205
01:00	*	*	193	174	227	187	*	*	*	*	*	*	*	*	210	180
02:00	*	*	215	263	253	259	*	*	*	*	*	*	*	*	234	261
03:00	*	*	297	345	306	334	*	*	*	*	*	*	*	*	302	340
04:00	*	*	334	399	325	348	*	*	*	*	*	*	*	*	330	374
05:00	*	*	<b>353</b>	<b>411</b>	<b>391</b>	<b>373</b>	*	*	*	*	*	*	*	*	<b>372</b>	<b>392</b>
06:00	*	*	250	341	249	318	*	*	*	*	*	*	*	*	250	330
07:00	*	*	154	299	153	332	*	*	*	*	*	*	*	*	154	316
08:00	*	*	110	207	114	264	*	*	*	*	*	*	*	*	112	236
09:00	*	*	68	112	71	166	*	*	*	*	*	*	*	*	70	139
10:00	*	*	40	69	58	79	*	*	*	*	*	*	*	*	49	74
11:00	*	*	32	37	33	46	*	*	*	*	*	*	*	*	32	42
Lane Day	0	0	4137	4041	4415	4275	0	0	0	0	0	0	0	0	4275	4152
AM Peak Vol.	-	-	468	324	493	322	-	-	-	-	-	-	-	-	480	323
PM Peak Vol.	-	-	353	411	391	373	-	-	-	-	-	-	-	-	372	392

Comb. Total	0	8178	8690	0	0	0	0	8427
ADT	ADT 8,422	AADT 8,422						

Site Code: E PASEO  
 Station ID:

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

East Bound, West 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
09/25/18	0	32	9	0	4	0	0	0	0	0	0	0	0	0	45
01:00	0	10	4	0	1	0	0	0	0	0	0	0	0	0	15
02:00	1	10	4	0	2	0	0	0	0	0	0	0	0	0	17
03:00	1	10	13	0	1	0	0	0	0	0	0	0	0	0	25
04:00	1	22	29	0	12	0	0	0	0	0	0	0	0	1	65
05:00	3	84	60	0	26	1	0	2	0	0	0	0	0	1	177
06:00	9	334	198	6	63	1	0	2	0	0	0	0	0	17	630
07:00	8	430	248	6	70	1	0	4	0	0	0	0	0	25	792
08:00	4	275	197	15	61	3	0	3	1	0	0	0	0	19	578
09:00	3	140	106	0	42	0	0	2	0	1	0	0	0	4	298
10:00	4	143	88	2	31	1	0	1	0	0	0	0	0	4	274
11:00	4	123	88	4	29	2	0	1	0	0	0	0	0	4	255
12 PM	7	176	83	4	29	2	0	1	0	0	0	0	0	2	304
13:00	4	198	123	2	31	2	0	3	0	1	0	0	0	3	367
14:00	5	284	137	4	38	2	0	2	0	0	0	0	0	6	478
15:00	3	372	187	9	46	1	0	8	1	0	0	0	0	15	642
16:00	12	437	182	9	64	1	0	2	0	0	0	0	0	26	733
17:00	3	446	227	0	70	0	0	2	0	0	0	0	0	16	764
18:00	3	373	138	0	51	2	0	3	1	1	0	0	0	19	591
19:00	7	299	121	0	17	0	0	2	1	0	0	0	0	6	453
20:00	0	208	87	0	18	0	0	0	2	0	0	0	0	2	317
21:00	0	126	45	0	8	0	0	1	0	0	0	0	0	0	180
22:00	1	76	27	0	5	0	0	0	0	0	0	0	0	0	109
23:00	0	42	19	1	6	0	0	1	0	0	0	0	0	0	69
Total	83	4650	2420	62	725	19	0	40	6	3	0	0	0	170	8178
Percent	1.0%	56.9%	29.6%	0.8%	8.9%	0.2%	0.0%	0.5%	0.1%	0.0%	0.0%	0.0%	0.0%	2.1%	
AM Peak	06:00	07:00	07:00	08:00	07:00	08:00		07:00	08:00	09:00				07:00	07:00
Vol.	9	430	248	15	70	3		4	1	1				25	792
PM Peak	16:00	17:00	17:00	15:00	17:00	12:00		15:00	20:00	13:00				16:00	17:00
Vol.	12	446	227	9	70	2		8	2	1				26	764

Site Code: E PASEO  
 Station ID:

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

East Bound, West 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
09/26/18	0	22	3	0	1	0	0	0	0	0	0	0	0	0	26
01:00	0	14	6	0	4	0	0	0	0	0	0	0	0	0	24
02:00	0	16	6	0	4	0	0	1	0	0	0	0	0	0	27
03:00	0	13	13	0	0	0	0	0	0	0	0	0	0	0	26
04:00	0	29	26	0	11	0	0	0	2	0	0	0	0	0	68
05:00	1	93	61	0	18	0	0	0	0	0	0	0	0	0	173
06:00	4	321	184	9	57	1	0	2	2	0	0	0	0	11	591
07:00	3	424	268	8	71	7	0	1	1	0	0	0	0	32	815
08:00	5	306	212	16	48	3	0	2	0	0	0	0	0	13	605
09:00	5	147	117	1	31	0	0	5	0	0	0	0	0	4	310
10:00	4	185	97	2	38	5	0	1	0	0	0	0	0	2	334
11:00	2	182	98	3	33	0	0	5	0	0	0	0	0	12	335
12 PM	14	272	116	11	37	5	0	1	3	0	0	0	0	11	470
13:00	5	203	137	0	47	3	0	3	3	0	0	0	0	13	414
14:00	6	269	162	6	49	0	0	3	2	0	0	0	0	15	512
15:00	10	368	165	7	67	1	0	3	0	0	0	0	0	19	640
16:00	5	366	205	0	68	0	0	4	0	0	0	0	0	25	673
17:00	11	406	238	0	76	2	0	2	2	0	0	0	0	27	764
18:00	3	344	163	1	39	0	0	2	0	0	0	0	0	15	567
19:00	6	341	101	0	25	1	0	2	0	0	0	0	0	9	485
20:00	3	255	88	0	21	1	0	1	0	0	0	0	0	9	378
21:00	2	165	50	0	17	0	0	0	1	0	0	0	0	2	237
22:00	1	88	34	0	12	0	0	1	0	0	0	0	0	1	137
23:00	1	51	17	0	9	1	0	0	0	0	0	0	0	0	79
Total	91	4880	2567	64	783	30	0	39	16	0	0	0	0	220	8690
Percent	1.0%	56.2%	29.5%	0.7%	9.0%	0.3%	0.0%	0.4%	0.2%	0.0%	0.0%	0.0%	0.0%	2.5%	
AM Peak	08:00	07:00	07:00	08:00	07:00	07:00		09:00	04:00					07:00	07:00
Vol.	5	424	268	16	71	7		5	2					32	815
PM Peak	12:00	17:00	17:00	12:00	17:00	12:00		16:00	12:00					17:00	17:00
Vol.	14	406	238	11	76	5		4	3					27	764
Grand Total	174	9530	4987	126	1508	49	0	79	22	3	0	0	0	390	16868
Percent	1.0%	56.5%	29.6%	0.7%	8.9%	0.3%	0.0%	0.5%	0.1%	0.0%	0.0%	0.0%	0.0%	2.3%	

Site Code: E PASEO  
 Station ID:

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

East Bound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
09/25/18	0	0	0	0	0	1	2	5	3	1	0	4	0	0	16	44-53	8
01:00	0	0	0	0	0	0	1	1	2	0	1	1	0	0	6	46-55	3
02:00	0	0	0	0	0	0	0	3	2	1	0	0	0	0	6	46-55	5
03:00	0	0	0	0	0	0	0	4	8	3	1	1	0	0	17	46-55	12
04:00	0	0	0	0	1	0	9	12	20	7	5	0	1	0	55	46-55	32
05:00	1	0	0	0	1	1	13	36	41	12	4	2	1	0	112	46-55	77
06:00	11	0	0	0	2	15	84	165	97	39	7	2	0	0	422	46-55	262
07:00	13	0	0	0	6	21	90	172	114	39	10	2	1	0	468	46-55	286
08:00	10	0	0	0	0	5	68	132	119	40	11	0	0	1	386	46-55	251
09:00	2	0	0	0	0	7	18	53	53	23	9	2	0	1	168	46-55	106
10:00	2	0	0	0	2	6	24	45	43	20	10	4	2	1	159	46-55	88
11:00	4	0	0	0	0	5	23	33	40	19	11	2	0	0	137	46-55	73
12 PM	1	0	0	0	1	5	18	42	31	25	12	3	1	0	139	46-55	73
13:00	1	0	0	0	1	7	35	49	47	30	15	7	1	0	193	46-55	96
14:00	6	0	0	0	0	9	31	62	67	32	7	1	0	0	215	46-55	129
15:00	7	1	0	0	3	16	42	114	71	28	9	3	3	0	297	46-55	185
16:00	18	0	0	0	3	9	60	104	83	43	11	3	0	0	334	46-55	187
17:00	10	0	0	0	0	7	54	125	108	31	13	5	0	0	353	46-55	233
18:00	16	0	0	0	0	18	41	88	55	21	8	3	0	0	250	46-55	143
19:00	4	0	0	0	1	11	50	40	32	8	5	3	0	0	154	41-50	90
20:00	1	0	0	0	1	5	24	34	34	7	4	0	0	0	110	46-55	68
21:00	0	0	0	0	0	8	16	15	16	6	4	1	1	1	68	46-55	31
22:00	0	0	0	0	0	1	7	14	8	5	3	0	1	1	40	46-55	22
23:00	0	0	0	0	0	1	8	8	6	3	3	3	0	0	32	41-50	16
<b>Total</b>	107	1	0	0	22	158	718	1356	1100	443	163	52	12	5	4137		
<b>Percent</b>	2.6%	0.0%	0.0%	0.0%	0.5%	3.8%	17.4%	32.8%	26.6%	10.7%	3.9%	1.3%	0.3%	0.1%			
<b>AM Peak</b>	07:00				07:00	07:00	07:00	07:00	08:00	08:00	08:00	00:00	10:00	08:00	07:00		
<b>Vol.</b>	13				6	21	90	172	119	40	11	4	2	1	468		
<b>PM Peak</b>	16:00	15:00			15:00	18:00	16:00	17:00	17:00	16:00	13:00	13:00	15:00	21:00	17:00		
<b>Vol.</b>	18	1			3	18	60	125	108	43	15	7	3	1	353		

Site Code: E PASEO  
 Station ID:

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

East Bound

Start Time	1	16	21	26	31	36	41	46	51	56	61	66	71	76	Total	Pace Speed	Number in Pace
	15	20	25	30	35	40	45	50	55	60	65	70	75	999			
09/26/18	0	0	0	0	2	0	4	1	1	1	1	0	0	0	10	39-48	5
01:00	0	0	0	0	0	0	2	3	3	1	4	0	0	0	13	46-55	6
02:00	0	0	0	0	0	1	1	2	5	5	2	0	0	0	16	51-60	10
03:00	0	0	0	0	0	1	2	2	4	4	0	1	0	0	14	50-59	8
04:00	0	0	0	0	1	4	3	9	15	10	2	2	0	0	46	49-58	25
05:00	0	0	0	0	0	3	16	41	32	14	7	0	0	0	113	46-55	73
06:00	3	0	0	0	2	21	74	146	105	39	6	0	0	1	397	46-55	251
07:00	17	1	0	0	2	22	79	177	135	48	11	1	0	0	493	46-55	312
08:00	7	0	0	0	0	9	59	124	116	46	4	8	0	0	373	46-55	240
09:00	2	0	0	0	1	4	24	46	53	32	14	1	1	0	178	46-55	99
10:00	1	0	0	0	1	5	17	60	59	23	10	2	1	1	180	46-55	119
11:00	6	0	0	0	0	5	33	63	49	16	2	3	0	0	177	46-55	112
12 PM	8	0	0	0	1	20	43	62	60	24	5	2	0	0	225	46-55	122
13:00	7	0	0	0	0	16	28	76	78	18	4	0	0	0	227	46-55	154
14:00	7	0	0	0	2	9	38	83	68	33	12	0	1	0	253	46-55	151
15:00	9	0	0	0	3	11	47	95	96	40	4	1	0	0	306	46-55	191
16:00	17	0	0	0	3	11	27	100	97	58	11	1	0	0	325	46-55	197
17:00	17	0	0	0	0	7	42	110	125	69	15	5	0	1	391	46-55	235
18:00	8	0	0	0	0	2	30	72	77	44	12	1	2	1	249	46-55	149
19:00	4	0	0	1	2	7	40	38	35	16	9	1	0	0	153	41-50	78
20:00	5	0	0	0	1	10	24	36	21	15	1	1	0	0	114	41-50	60
21:00	1	0	0	0	0	5	12	24	15	8	4	1	1	0	71	46-55	39
22:00	0	0	0	0	0	3	14	16	12	9	3	1	0	0	58	41-50	30
23:00	0	0	0	0	1	0	3	6	5	5	6	5	1	1	33	45-54	11
<b>Total</b>	119	1	0	1	22	176	662	1392	1266	578	149	37	7	5	4415		
Percent	2.7%	0.0%	0.0%	0.0%	0.5%	4.0%	15.0%	31.5%	28.7%	13.1%	3.4%	0.8%	0.2%	0.1%			
AM Peak	07:00	07:00			00:00	07:00	07:00	07:00	07:00	07:00	09:00	08:00	09:00	06:00	07:00		
Vol.	17	1			2	22	79	177	135	48	14	8	1	1	493		
PM Peak	16:00			19:00	15:00	12:00	15:00	17:00	17:00	17:00	17:00	17:00	18:00	17:00	17:00		
Vol.	17			1	3	20	47	110	125	69	15	5	2	1	391		
Total	226	2	0	1	44	334	1380	2748	2366	1021	312	89	19	10	8552		
Percent	2.6%	0.0%	0.0%	0.0%	0.5%	3.9%	16.1%	32.1%	27.7%	11.9%	3.6%	1.0%	0.2%	0.1%			

15th Percentile : 42 MPH  
 50th Percentile : 49 MPH  
 85th Percentile : 55 MPH  
 95th Percentile : 59 MPH



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Stats	10 MPH Pace Speed :	46-55 MPH
	Number in Pace :	5114
	Percent in Pace :	59.8%
	Number of Vehicles > 35 MPH :	8279
	Percent of Vehicles > 35 MPH :	96.8%
	Mean Speed(Average) :	49 MPH



Site Code: E PASEO  
 Station ID:

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

West Bound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
09/26/18	0	0	0	0	1	6	5	2	0	1	0	1	0	0	16	36-45	11
01:00	0	0	0	1	0	4	2	3	1	0	0	0	0	0	11	35-44	6
02:00	0	0	0	0	0	2	2	2	4	1	0	0	0	0	11	45-54	6
03:00	0	0	0	0	1	2	4	3	1	1	0	0	0	0	12	39-48	7
04:00	0	0	0	2	2	1	3	7	3	3	1	0	0	0	22	41-50	10
05:00	0	0	0	0	3	9	10	20	13	4	1	0	0	0	60	46-55	33
06:00	8	0	0	4	12	30	72	53	13	2	0	0	0	0	194	41-50	125
07:00	15	0	0	0	8	58	129	76	31	5	0	0	0	0	322	41-50	205
08:00	6	0	0	0	7	45	111	54	8	1	0	0	0	0	232	41-50	165
09:00	2	1	0	0	4	27	46	40	11	1	0	0	0	0	132	41-50	86
10:00	1	0	0	0	5	29	64	48	6	1	0	0	0	0	154	41-50	112
11:00	6	0	0	0	1	28	67	47	8	0	1	0	0	0	158	41-50	114
12 PM	3	0	0	0	4	57	114	54	12	1	0	0	0	0	245	36-45	171
13:00	5	0	0	1	3	32	92	42	11	1	0	0	0	0	187	41-50	134
14:00	7	0	0	1	15	53	100	66	14	3	0	0	0	0	259	41-50	166
15:00	9	0	0	0	6	66	145	91	15	2	0	0	0	0	334	41-50	236
16:00	10	0	0	0	11	48	134	114	27	3	1	0	0	0	348	41-50	248
17:00	11	0	0	0	3	49	147	130	28	2	3	0	0	0	373	41-50	277
18:00	6	0	0	2	16	54	140	83	15	2	0	0	0	0	318	41-50	223
19:00	4	0	0	0	7	110	131	68	11	1	0	0	0	0	332	36-45	241
20:00	4	0	0	1	11	68	113	57	9	0	0	0	0	1	264	36-45	181
21:00	1	0	0	0	2	30	83	32	11	6	1	0	0	0	166	41-50	115
22:00	1	0	0	0	5	15	33	17	4	3	1	0	0	0	79	41-50	50
23:00	0	0	0	0	2	4	21	15	3	1	0	0	0	0	46	41-50	36
<b>Total</b>	<b>99</b>	<b>1</b>	<b>0</b>	<b>12</b>	<b>129</b>	<b>827</b>	<b>1768</b>	<b>1124</b>	<b>259</b>	<b>45</b>	<b>9</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>4275</b>		
Percent	2.3%	0.0%	0.0%	0.3%	3.0%	19.3%	41.4%	26.3%	6.1%	1.1%	0.2%	0.0%	0.0%	0.0%			
AM Peak	07:00	09:00		06:00	06:00	07:00	07:00	07:00	07:00	07:00	04:00	00:00			07:00		
Vol.	15	1		4	12	58	129	76	31	5	1	1			322		
PM Peak	17:00			18:00	18:00	19:00	17:00	17:00	17:00	21:00	17:00			20:00	17:00		
Vol.	11			2	16	110	147	130	28	6	3			1	373		
<b>Total</b>	<b>163</b>	<b>2</b>	<b>1</b>	<b>24</b>	<b>255</b>	<b>1649</b>	<b>3510</b>	<b>2136</b>	<b>474</b>	<b>81</b>	<b>17</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>8316</b>		
Percent	2.0%	0.0%	0.0%	0.3%	3.1%	19.8%	42.2%	25.7%	5.7%	1.0%	0.2%	0.0%	0.0%	0.0%			

15th Percentile : 37 MPH  
 50th Percentile : 42 MPH  
 85th Percentile : 48 MPH  
 95th Percentile : 51 MPH

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Stats	10 MPH Pace Speed :	41-50 MPH
	Number in Pace :	5646
	Percent in Pace :	67.9%
	Number of Vehicles > 35 MPH :	7871
	Percent of Vehicles > 35 MPH :	94.6%
	Mean Speed(Average) :	43 MPH

Site Code: W PASEO  
 Station ID:

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

Start Time	24-Sep-18		Tue		Wed		Thu		Fri		Sat		Sun		Week Average	
	West Bou	East Bou	West Bo	East Bou	West Bo	East Bou	West Bo	East Bou	West Bo	East Bou	West Bo	East Bou	West Bo	East Bou	West Bo	East Bou
12:00 AM	*	*	6	13	8	6	0	0	*	*	*	*	*	*	5	6
01:00	*	*	4	5	4	10	*	*	*	*	*	*	*	*	4	8
02:00	*	*	3	2	4	11	*	*	*	*	*	*	*	*	4	6
03:00	*	*	3	4	5	3	*	*	*	*	*	*	*	*	4	4
04:00	*	*	8	11	21	9	*	*	*	*	*	*	*	*	14	10
05:00	*	*	62	11	51	3	*	*	*	*	*	*	*	*	56	7
06:00	*	*	168	47	156	51	*	*	*	*	*	*	*	*	162	49
07:00	*	*	<b>264</b>	<b>80</b>	<b>279</b>	<b>84</b>	*	*	*	*	*	*	*	*	<b>272</b>	<b>82</b>
08:00	*	*	109	54	124	63	*	*	*	*	*	*	*	*	116	58
09:00	*	*	70	47	73	32	*	*	*	*	*	*	*	*	72	40
10:00	*	*	45	50	73	68	*	*	*	*	*	*	*	*	59	59
11:00	*	*	48	52	74	58	*	*	*	*	*	*	*	*	61	55
12:00 PM	*	*	64	54	76	79	*	*	*	*	*	*	*	*	70	66
01:00	*	*	63	95	62	107	*	*	*	*	*	*	*	*	62	101
02:00	*	*	77	105	77	120	*	*	*	*	*	*	*	*	77	112
03:00	*	*	83	138	70	180	*	*	*	*	*	*	*	*	76	159
04:00	*	*	<b>95</b>	<b>191</b>	<b>80</b>	<b>178</b>	*	*	*	*	*	*	*	*	<b>88</b>	<b>184</b>
05:00	*	*	78	<b>192</b>	80	<b>222</b>	*	*	*	*	*	*	*	*	79	<b>207</b>
06:00	*	*	49	133	53	128	*	*	*	*	*	*	*	*	51	130
07:00	*	*	35	68	44	67	*	*	*	*	*	*	*	*	40	68
08:00	*	*	21	38	42	44	*	*	*	*	*	*	*	*	32	41
09:00	*	*	19	34	34	27	*	*	*	*	*	*	*	*	26	30
10:00	*	*	22	26	19	29	*	*	*	*	*	*	*	*	20	28
11:00	*	*	11	22	9	23	*	*	*	*	*	*	*	*	10	22
Lane Day	0	0	1407	1472	1518	1602	0	0	0	0	0	0	0	0	1460	1532
AM Peak	-	-	07:00	07:00	07:00	07:00	-	-	-	-	-	-	-	-	07:00	07:00
Vol.	-	-	264	80	279	84	-	-	-	-	-	-	-	-	272	82
PM Peak	-	-	16:00	17:00	16:00	17:00	-	-	-	-	-	-	-	-	16:00	17:00
Vol.	-	-	95	192	80	222	-	-	-	-	-	-	-	-	88	207

Comb. Total	0	2879	3120	0	0	0	0	2992
ADT	ADT 2,995	AADT 2,995						

Site Code: W PASEO  
 Station ID:

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

West Bound, East 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
09/25/18	0	12	5	0	2	0	0	0	0	0	0	0	0	0	19
01:00	0	5	3	0	1	0	0	0	0	0	0	0	0	0	9
02:00	0	1	2	0	2	0	0	0	0	0	0	0	0	0	5
03:00	1	2	1	0	3	0	0	0	0	0	0	0	0	0	7
04:00	0	10	8	0	1	0	0	0	0	0	0	0	0	0	19
05:00	1	38	21	0	11	0	0	2	0	0	0	0	0	0	73
06:00	3	101	64	2	43	0	0	2	0	0	0	0	0	0	215
07:00	4	167	107	2	55	1	0	4	0	0	0	0	0	4	344
08:00	2	70	44	4	36	1	0	3	1	0	0	0	0	2	163
09:00	2	49	30	2	28	0	0	2	0	1	0	0	0	3	117
10:00	3	35	29	1	20	2	0	3	0	0	0	0	0	2	95
11:00	3	57	19	2	16	2	0	0	0	0	0	0	0	1	100
12 PM	7	60	23	3	23	0	0	2	0	0	0	0	0	0	118
13:00	2	76	41	1	31	1	0	3	1	0	0	0	0	2	158
14:00	6	94	49	1	29	0	0	3	0	0	0	0	0	0	182
15:00	3	115	58	3	34	2	0	3	1	0	0	0	0	2	221
16:00	5	157	72	2	43	1	0	0	1	0	0	0	0	5	286
17:00	1	152	72	0	40	1	0	2	0	0	0	0	0	2	270
18:00	1	111	36	0	28	0	0	2	1	1	0	0	0	2	182
19:00	5	61	21	0	11	0	0	1	0	0	0	0	0	4	103
20:00	0	32	21	1	4	0	0	0	1	0	0	0	0	0	59
21:00	0	35	12	0	6	0	0	0	0	0	0	0	0	0	53
22:00	1	25	15	0	7	0	0	0	0	0	0	0	0	0	48
23:00	0	20	7	1	4	0	0	1	0	0	0	0	0	0	33
Total	50	1485	760	25	478	11	0	33	6	2	0	0	0	29	2879
Percent	1.7%	51.6%	26.4%	0.9%	16.6%	0.4%	0.0%	1.1%	0.2%	0.1%	0.0%	0.0%	0.0%	1.0%	
AM Peak	07:00	07:00	07:00	08:00	07:00	10:00		07:00	08:00	09:00				07:00	07:00
Vol.	4	167	107	4	55	2		4	1	1				4	344
PM Peak	12:00	16:00	16:00	12:00	16:00	15:00		13:00	13:00	18:00				16:00	16:00
Vol.	7	157	72	3	43	2		3	1	1				5	286



Site Code: W PASEO  
 Station ID:

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

West Bound, East 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
09/26/18	0	11	1	0	2	0	0	0	0	0	0	0	0	0	14
01:00	0	7	6	0	1	0	0	0	0	0	0	0	0	0	14
02:00	0	9	1	0	4	0	0	1	0	0	0	0	0	0	15
03:00	0	3	2	0	3	0	0	0	0	0	0	0	0	0	8
04:00	1	6	10	1	10	1	0	0	0	0	0	0	0	1	30
05:00	0	29	14	0	10	0	0	1	0	0	0	0	0	0	54
06:00	1	99	60	4	37	0	0	3	2	0	0	0	0	1	207
07:00	0	185	113	4	48	3	0	3	1	0	0	0	0	6	363
08:00	3	94	44	3	38	1	0	3	0	0	0	0	0	1	187
09:00	2	34	35	0	21	1	0	6	0	0	0	0	0	6	105
10:00	3	68	43	4	16	2	0	2	1	0	0	0	0	2	141
11:00	3	63	41	3	20	0	0	2	0	0	0	0	0	0	132
12 PM	10	80	34	2	22	2	0	1	2	0	0	0	0	2	155
13:00	3	80	55	0	20	3	0	3	3	0	0	0	0	2	169
14:00	3	104	57	1	27	0	0	2	1	0	0	0	0	2	197
15:00	8	137	63	3	33	0	0	4	0	0	0	0	0	2	250
16:00	2	135	80	0	39	0	0	2	0	0	0	0	0	0	258
17:00	4	176	75	0	42	0	0	3	0	0	0	0	0	2	302
18:00	1	107	39	1	28	0	0	3	0	0	0	0	0	2	181
19:00	1	68	19	0	19	0	0	2	0	0	0	0	0	2	111
20:00	1	39	29	0	16	0	0	1	0	0	0	0	0	0	86
21:00	1	30	20	0	9	0	0	0	1	0	0	0	0	0	61
22:00	1	23	14	1	7	0	0	1	0	0	0	0	0	1	48
23:00	0	18	7	1	5	0	0	0	0	0	0	0	0	1	32
Total	48	1605	862	28	477	13	0	43	11	0	0	0	0	33	3120
Percent	1.5%	51.4%	27.6%	0.9%	15.3%	0.4%	0.0%	1.4%	0.4%	0.0%	0.0%	0.0%	0.0%	1.1%	
AM Peak Vol.	08:00	07:00	07:00	06:00	07:00	07:00		09:00	06:00					07:00	07:00
PM Peak Vol.	12:00	17:00	16:00	15:00	17:00	13:00		15:00	13:00					12:00	17:00
Grand Total	98	3090	1622	53	955	24	0	76	17	2	0	0	0	62	5999
Percent	1.6%	51.5%	27.0%	0.9%	15.9%	0.4%	0.0%	1.3%	0.3%	0.0%	0.0%	0.0%	0.0%	1.0%	



Site Code: W PASEO  
 Station ID:

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

West Bound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace	
09/26/18	0	0	0	0	0	0	1	2	1	3	0	0	0	1	8	49-58	4	
01:00	0	0	0	0	0	0	0	0	1	1	2	0	0	0	4	54-63	3	
02:00	0	0	0	0	0	0	0	0	0	1	2	0	1	0	4	55-64	3	
03:00	0	0	0	0	0	0	0	0	1	1	2	0	1	0	5	56-65	3	
04:00	1	0	0	0	0	0	0	1	1	4	5	3	5	1	21	56-65	9	
05:00	0	0	0	0	0	0	0	2	2	16	12	10	6	3	51	56-65	28	
06:00	0	0	0	0	0	0	0	11	52	58	23	8	3	1	156	51-60	110	
07:00	<b>6</b>	0	0	0	0	0	<b>8</b>	<b>41</b>	<b>74</b>	<b>67</b>	<b>48</b>	<b>20</b>	<b>11</b>	<b>4</b>	<b>279</b>	51-60	141	
08:00	1	0	0	0	2	0	2	10	35	44	19	8	1	2	124	51-60	79	
09:00	5	0	0	0	0	0	1	11	13	17	10	11	4	1	73	51-60	30	
10:00	0	0	0	0	0	0	3	7	13	32	11	7	0	0	73	51-60	45	
11:00	0	0	0	0	0	0	1	8	21	21	19	2	2	0	74	51-60	42	
12 PM	2	0	0	0	0	0	1	9	36	13	10	3	2	0	76	51-60	49	
13:00	2	0	0	0	0	0	2	6	19	17	11	3	2	0	62	51-60	36	
14:00	1	0	0	0	1	0	2	8	19	21	13	5	4	3	77	51-60	40	
15:00	0	0	0	0	0	0	1	4	20	17	20	7	1	0	70	56-65	37	
16:00	0	0	0	0	0	1	3	3	16	30	17	7	2	1	80	54-63	47	
17:00	2	0	0	0	0	0	2	4	13	22	20	13	3	1	80	56-65	42	
18:00	1	0	0	0	0	0	3	7	11	13	12	1	2	3	53	54-63	25	
19:00	1	0	1	0	0	0	0	8	11	10	8	2	3	0	44	51-60	21	
20:00	0	0	0	0	0	0	0	6	7	17	3	3	4	2	42	51-60	24	
21:00	0	0	0	0	0	0	1	3	5	11	9	0	2	3	34	56-65	20	
22:00	0	0	0	0	0	1	0	0	4	4	1	3	3	3	19	51-60	8	
23:00	1	0	0	1	0	0	1	0	0	2	3	1	0	0	9	56-65	5	
<b>Total</b>	<b>23</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>32</b>	<b>151</b>	<b>375</b>	<b>442</b>	<b>280</b>	<b>117</b>	<b>62</b>	<b>29</b>	<b>1518</b>			
Percent	1.5%	0.0%	0.1%	0.1%	0.2%	0.1%	2.1%	9.9%	24.7%	29.1%	18.4%	7.7%	4.1%	1.9%				
AM Peak	07:00		08:00			07:00		07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00			
Vol.	6		2			8		41	74	67	48	20	11	4	279			
PM Peak	12:00		19:00		23:00	14:00		16:00	16:00	12:00	12:00	16:00	15:00	17:00	14:00	14:00	16:00	
Vol.	2		1		1	1		3	9	36	30	20	13	4	3	80		
Total	40	0	1	4	4	5	59	270	711	839	593	234	107	58	2925			
Percent	1.4%	0.0%	0.0%	0.1%	0.1%	0.2%	2.0%	9.2%	24.3%	28.7%	20.3%	8.0%	3.7%	2.0%				

15th Percentile : 50 MPH  
 50th Percentile : 57 MPH  
 85th Percentile : 64 MPH  
 95th Percentile : 69 MPH

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Stats	10 MPH Pace Speed :	51-60 MPH
	Number in Pace :	1550
	Percent in Pace :	53.0%
	Number of Vehicles > 45 MPH :	2812
	Percent of Vehicles > 45 MPH :	96.1%
	Mean Speed(Average) :	57 MPH

Site Code: W PASEO  
 Station ID:

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

East Bound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
09/25/18	0	0	0	0	1	0	4	1	1	3	1	1	0	1	13	39-48	5
01:00	0	0	0	0	0	0	0	0	2	1	2	0	0	0	5	49-58	3
02:00	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2	39-48	1
03:00	0	0	0	0	0	0	0	0	1	1	1	1	0	0	4	49-58	2
04:00	0	0	0	0	0	0	0	2	4	2	3	0	0	0	11	46-55	6
05:00	0	0	0	0	0	0	0	2	5	2	1	1	0	0	11	51-60	7
06:00	0	0	0	0	0	0	1	5	16	9	14	1	1	0	47	51-60	25
07:00	1	0	0	0	0	1	5	8	22	24	16	2	1	0	80	51-60	46
08:00	1	0	0	0	0	0	1	11	23	15	3	0	0	0	54	51-60	38
09:00	2	0	1	0	0	0	3	7	17	10	5	1	0	1	47	51-60	27
10:00	0	0	0	0	0	0	1	8	17	7	14	2	1	0	50	46-55	25
11:00	0	0	0	0	0	0	1	7	17	14	5	3	3	2	52	51-60	31
12 PM	0	0	0	0	0	0	4	8	19	6	10	4	3	0	54	46-55	27
13:00	1	0	0	0	0	0	4	17	31	18	16	5	1	2	95	51-60	49
14:00	0	0	0	0	0	0	2	24	25	32	18	3	1	0	105	51-60	57
15:00	0	0	0	0	0	5	11	27	43	32	12	6	2	0	138	51-60	75
16:00	2	0	0	0	0	0	8	53	71	39	14	3	1	0	191	46-55	124
17:00	1	0	0	0	0	1	25	39	58	39	25	3	1	0	192	51-60	97
18:00	1	0	0	0	0	2	5	28	45	41	6	3	2	0	133	51-60	86
19:00	3	0	0	0	0	1	6	11	20	20	4	2	1	0	68	51-60	40
20:00	0	0	0	0	0	1	3	9	11	11	2	1	0	0	38	50-59	22
21:00	0	0	0	0	0	1	5	7	4	11	5	0	0	1	34	54-63	16
22:00	0	0	0	0	0	1	1	4	9	4	4	2	1	0	26	51-60	13
23:00	0	0	0	0	0	0	1	7	7	2	0	3	1	1	22	46-55	14
<b>Total</b>	<b>12</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>13</b>	<b>91</b>	<b>286</b>	<b>468</b>	<b>344</b>	<b>181</b>	<b>47</b>	<b>20</b>	<b>8</b>	<b>1472</b>		
Percent	0.8%	0.0%	0.1%	0.0%	0.1%	0.9%	6.2%	19.4%	31.8%	23.4%	12.3%	3.2%	1.4%	0.5%			
AM Peak	09:00		09:00		00:00	07:00	07:00	08:00	08:00	07:00	07:00	11:00	11:00	11:00	07:00		
Vol.	2		1		1	1	5	11	23	24	16	3	3	2	80		
PM Peak	19:00				15:00	17:00	16:00	16:00	18:00	17:00	15:00	12:00	13:00	17:00			
Vol.	3				5	25	53	71	41	25	6	3	2	192			

Site Code: W PASEO  
 Station ID:

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

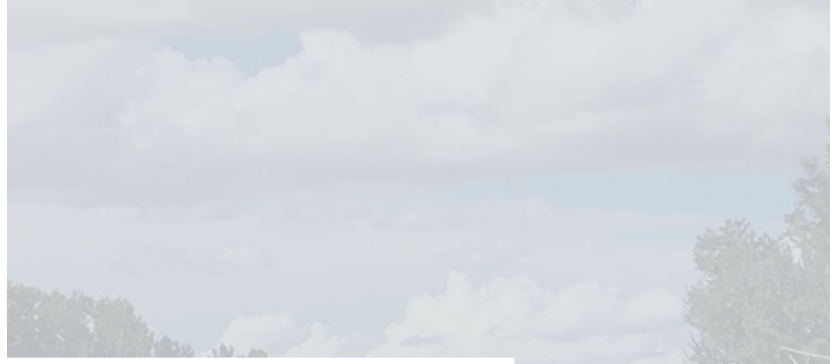
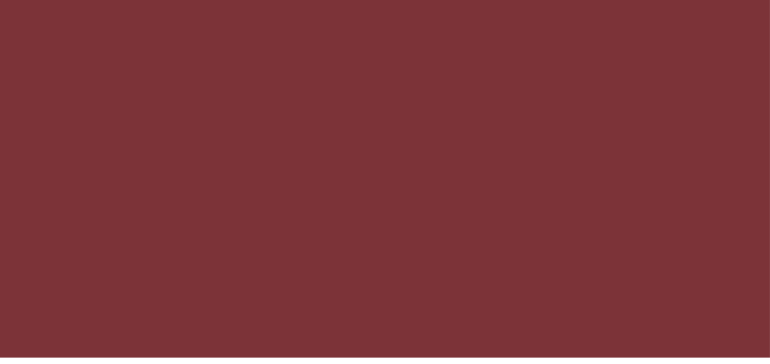
East Bound

Start Time	15	20	25	30	35	40	45	50	55	60	65	70	75	999	Total	Pace Speed	Number in Pace
09/26/18	0	0	0	0	0	0	2	2	1	1	0	0	0	0	6	41-50	4
01:00	0	0	0	0	0	0	0	1	1	5	1	2	0	0	10	54-63	6
02:00	0	0	0	0	0	0	0	4	2	3	2	0	0	0	11	46-55	6
03:00	0	0	0	0	0	0	0	1	0	1	1	0	0	0	3	54-63	2
04:00	0	0	0	0	0	0	1	2	1	2	3	0	0	0	9	55-64	5
05:00	0	0	0	0	0	0	0	0	1	1	0	1	0	0	3	49-58	2
06:00	1	0	0	0	0	0	4	10	11	17	6	1	0	1	51	51-60	28
07:00	0	0	0	0	0	3	14	14	18	19	13	2	1	0	84	51-60	37
08:00	0	0	0	0	0	1	7	6	17	16	10	6	0	0	63	51-60	33
09:00	2	0	0	0	0	0	2	10	4	10	2	0	2	0	32	51-60	14
10:00	2	0	0	0	0	0	1	13	24	11	11	4	2	0	68	46-55	37
11:00	0	0	0	0	0	0	3	16	22	14	1	1	1	0	58	46-55	38
12 PM	0	0	0	0	0	0	7	24	20	19	6	0	3	0	79	46-55	44
13:00	0	0	0	0	0	0	5	37	37	18	7	2	1	0	107	46-55	74
14:00	1	0	0	0	1	7	9	22	32	33	13	2	0	0	120	51-60	65
15:00	2	0	0	0	0	3	5	54	80	28	5	2	1	0	180	46-55	134
16:00	0	0	0	0	0	1	9	31	64	50	17	5	1	0	178	51-60	114
17:00	0	0	0	0	0	0	11	59	84	41	21	5	1	0	222	46-55	143
18:00	2	0	0	0	2	0	0	17	42	38	17	6	2	2	128	51-60	80
19:00	1	0	0	0	0	3	9	17	18	13	3	2	1	0	67	46-55	35
20:00	0	0	0	0	0	0	4	6	16	13	0	5	0	0	44	51-60	29
21:00	0	0	0	0	0	1	5	6	9	2	2	2	0	0	27	46-55	15
22:00	1	0	0	0	1	0	2	4	7	5	5	3	1	0	29	49-58	12
23:00	0	0	0	0	0	0	3	2	2	4	6	6	0	0	23	60-69	12
<b>Total</b>	12	0	0	0	4	19	103	358	513	364	152	57	17	3	1602		
Percent	0.7%	0.0%	0.0%	0.0%	0.2%	1.2%	6.4%	22.3%	32.0%	22.7%	9.5%	3.6%	1.1%	0.2%			
AM Peak	09:00			07:00			07:00	11:00	10:00	07:00	07:00	08:00	09:00	06:00	07:00		
Vol.	2			3			14	16	24	19	13	6	2	1	84		
PM Peak	15:00			18:00			14:00	17:00	17:00	17:00	16:00	17:00	18:00	12:00	18:00	17:00	
Vol.	2			2			7	11	59	84	50	21	6	3	2	222	
Total	24	0	1	0	5	32	194	644	981	708	333	104	37	11	3074		
Percent	0.8%	0.0%	0.0%	0.0%	0.2%	1.0%	6.3%	20.9%	31.9%	23.0%	10.8%	3.4%	1.2%	0.4%			
	15th Percentile :				46 MPH												
	50th Percentile :				53 MPH												
	85th Percentile :				60 MPH												
	95th Percentile :				64 MPH												

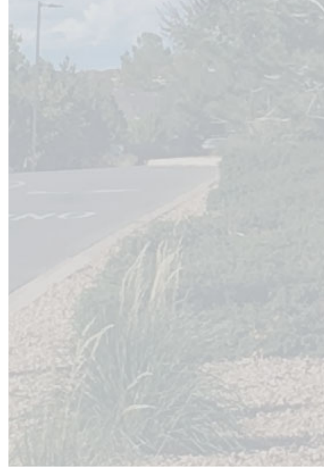


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Stats	10 MPH Pace Speed :	51-60 MPH
	Number in Pace :	1689
	Percent in Pace :	54.9%
	Number of Vehicles > 45 MPH :	2818
	Percent of Vehicles > 45 MPH :	91.7%
	Mean Speed(Average) :	54 MPH



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