ESPANOLA STREET SPEED STUDY







Espanola Street Speed Study Final Report

Albuquerque, New Mexico





City of Albuquerque

June 2017

Table of Contents

| INTRODUCTION | |
|-------------------------------------|----|
| 1.A. PROJECT PURPOSE | 1 |
| 1.B. PROJECT DESCRIPTION | 1 |
| 1.C. BACKGROUND OF SPEED LIMITS | 3 |
| 1.D. SETTING SPEED LIMITS | 3 |
| 2. EXISTING CONDITIONS | 5 |
| 2.A. COUNT LOCATIONS | 5 |
| 2.B. EXISTING CONDITIONS | 5 |
| 3. DATA | 7 |
| 3.A. ADT | |
| 3.B. PEAK HOUR TRAFFIC VOLUMES | 7 |
| 3.C. SPEED STUDY RESULTS | 8 |
| 3.D. CRASH DATA | |
| 4. U.S. LIMITS SPEED LIMITS PROGRAM | 10 |
| 5. CONCLUSION | |
| Appendices | 12 |

List of Tables

| Table 3.A.1. | Espanola Street ADT | 7 |
|--------------|---|-----|
| Table 3.B.1. | Espanola Street Peak Hour Traffic Volumes (vph) | 7 |
| Table 3.C.1. | Espanola Street North Speed Study | 8 |
| Table 3.C.2. | Espanola Street South Speed Study | 8 |
| Table 3.C.3. | Espanola Street ADT ≥ 25 mph | 8 |
| | Espanola Street Crash Summary | |
| Table 5.1. | COA NMTP Traffic Calming Measures | .11 |

List of Figures

| FIGURE 1.B.1. | STUDY LOCATION | . 1 |
|---------------|--|-----|
| FIGURE 1.B.2. | STUDY LIMITS | . 2 |
| FIGURE 2.1. | COUNT LOCATIONS | . 6 |
| FIGURF 2.2. | EXISTING ESPANOLA STREET TYPICAL SECTION | . 6 |



INTRODUCTION

The City of Albuquerque – Department of Municipal Development (Traffic Engineering Design Division) has requested that Souder, Miller & Associates conduct at speed study along Espanola Street in northeast Albuquerque.

1.A. PROJECT PURPOSE

A speed study on Espanola Street from Los Arboles Avenue to Phoenix Avenue was conducted to determine the following:

- Evaluate the 85th percentile speed along Espanola Street at two (2) locations;
- Calculate average and daily peak hour traffic volumes along Espanola Street.

As part of this study, an evaluation and cataloging of existing roadway conditions, collection of historical ADT, and crash data will be completed.

1.B. PROJECT DESCRIPTION

The study area will be a 0.24 (1267.20 LF) mile section of Espanola Street from Los Arboles Avenue to Phoenix Avenue . Figure 1.B.1. below displays the study location and Figure 1.B.2. on page 2 displays the project limits.

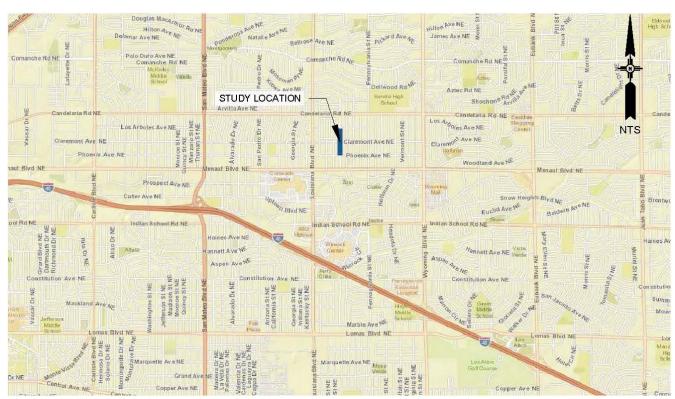


FIGURE 1.B.1. STUDY LOCATION

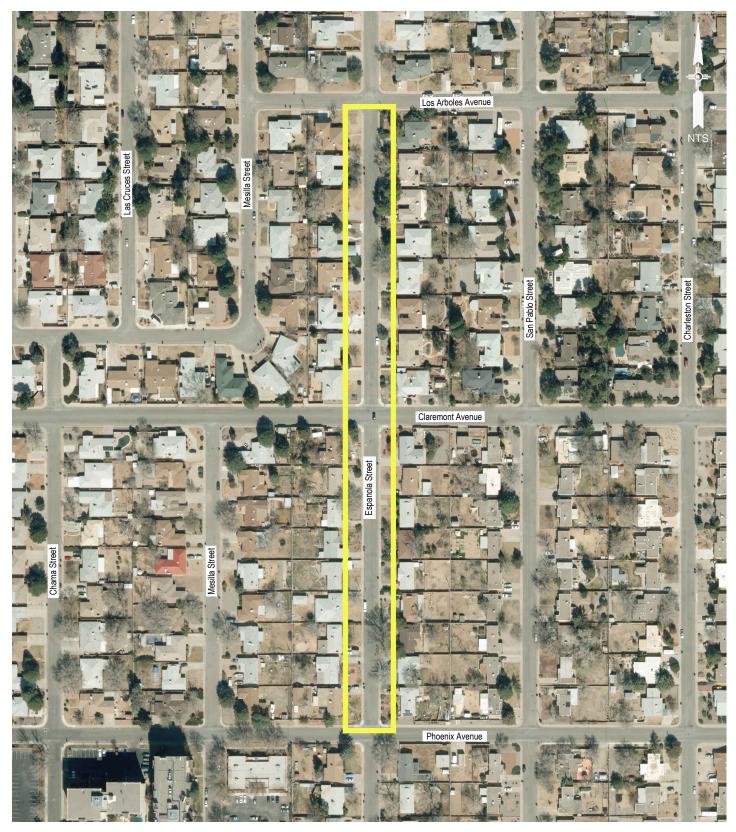




FIGURE 1.B.2. STUDY LIMITS

Engineering ◆ Environmental ◆ Surveying

1.C. BACKGROUND OF SPEED LIMITS

Speed limits are established on roadways of virtually all classifications, from interstate freeways to low volume local streets. The primary purpose of speed limits is to give motorists clear instruction as to what is a reasonable speed for them to drive at while traveling on a given roadway.

Among regulatory signage, speed limit signs arguably contain the most critical information that motorists need to be informed of while driving (next to stop signs, which are considered the highest impact regulatory sign). Drivers unfamiliar with a roadway often do not realize what characteristics the roadway has, and properly established speed limit signs give them the information they need to drive the roadway safely.

The NMDOT has guidelines for analyzing and establishing posted speed limits; the following text is based on one such example:

Realistic posted speed limits are of public importance for many reasons:

- They invite public compliance by conforming to the behavior or the driving majority
- They give clear reminders of safe and reasonable speeds to non-conforming violators
- They offer the most effective tool for law enforcement of safe driving
- They will minimize public antagonism toward law enforcement that results from unreasonable regulations

Improperly, or artificially low, posted speed limits can cause problems for state and local agencies for several reasons:

- They do not encourage voluntary compliance, since they do not reflect the behavior of the majority
- They make the behavior of the majority unlawful
- The maximize public antagonism toward law enforcement, since the perception is that the police are enforcing a "speed trap"
- The create a bad image for a community in the eyes of tourists / visitors

1.D. SETTING SPEED LIMITS

In accordance with Section 66-7-303 of the New Mexico Criminal and Traffic Law Manual, the speed limit on state highways shall be set by the Cabinet Secretary of the Department of Transportation, based on an engineering survey and traffic investigation that includes the following parameters.

- Spot speed studies (typically consisting of 100 vehicles)
- Roadway geometry/number of lanes
- Roadside environment and characteristics
- Building setbacks (if within a commercial business district)
- Driveway and intersection spacing/density
- Historical crash data for the roadway study area

Many speed limits are established using the theory of 85th percentile. Out of the (typically) 100 vehicles surveyed, beginning with the fasted vehicle speed recorded the 15th vehicle from that speed is determined to show where the 85th percentile speed is. This is assuming that most drivers (85%) drive within reasonable limits. The posted speed limit can be established and is usually the 5 – mph increment just below the 85th percentile speed. For example, if the 85th percentile speed



has been determined by an engineering survey to be 57 mph, the posted speed would be 55 mph. This method of posting speed limits allows for a reasonable posted speed limit that can be enforced by local agencies, without creating a speed trap.

For surveys with a different amount than 100 vehicles, the 85^{th} percentile speed is determined by the following formula: 100/15 = # of vehicles surveyed/X (where x = the vehicle at the 85^{th} percentile). For example, a 50 vehicle survey would result in:

$$\frac{100}{15} = \frac{50}{x}$$
Where $x = 7.5$, or the 8th vehicle in the survey

Other methods are frequently used to further analyze the posting of speed limits – these are the mode, median, and geometric mean:

- Mode is the most frequently clocked vehicle speed in a given survey. For example, in a 100 vehicle survey
 where 12 vehicles were clocked traveling 55 mph and no other speed was observed as frequently, the
 mode is 55 mph.
- Median is the numerical midpoint of a given survey. For example, in a survey of 100 vehicles, the speeds of the 50th and 51st vehicles are added and divided by 2 to obtain the median speed. If the 50th vehicle of such a survey was traveling at 56 mph and the 51st vehicle was also traveling at 56 mph, the resulting median would be (56 + 56)÷2 = 112÷2 = 56 mph
- Geometric mean is described as follows: "an average of a set of numbers that is calculated by multiplying all the numbers ("n"), and taking the nth root of the total."

Formula for Geometric Mean:

Geometric Mean =
$$((X_1)(X_2) \dots (X_n))^{1/N}$$

 $X = \text{Individual score (speed)}$
 $N = \text{Sample size (number of scores)}$

Geometric Mean Example: Sample speeds = 51, 52, 55, 58, and 60 mph

Step 1:

N = 5, the total number of values, $\frac{1}{N} = 0.2$

Step 2:

Determine geometric mean using the formula.

Geometric Mean =
$$((51)(52)(55)(58)(60))^{0.2} = 55.09 mph$$

In most cases, the geometric mean of a speed study will be of similar value of the median, often within 1 to 2 mph of either side of the median. In the above example, the median speed would be the third vehicle surveyed (55 mph), and the geometric mean is 55.09 mph.

2. EXISTING CONDITIONS

2.A. COUNT LOCATIONS

The study area included two (2) volume and speed count locations which were at the following locations:

- Espanola Street between Phoenix Avenue and Claremont Avenue;
- Espanola Street between Claremont Avenue and Los Arboles Avenue.

Figure 2.1. on page 6 displays the approximate traffic count locations.

2.B. EXISTING CONDITIONS

Figure 2.2. on page 6 displays the existing typical section of Espanola Street. Within the study limits, there is one intersection and approximately 32 driveways that provide access to residential homes. Also to be noted, the speed limit within the study limits is 25 mph.



FIGURE 2.1. COUNT LOCATIONS

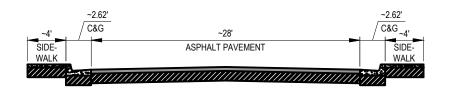


FIGURE 2.2. EXISTING ESPANOLA STREET TYPICAL SECTION



3. DATA

3.A. ADT

The ADT for the two (2) count locations are listed below in Table 3.A.1.

| Table 3.A.1. | | | | | |
|-----------------------------------|-------|-------|-------|--|--|
| Espanola Street ADT | | | | | |
| Count Location NB SB ADT | | | | | |
| Espanola Street North 171 143 314 | | | | | |
| Espanola Street South 157 158 315 | | | | | |
| Average | 164.0 | 150.5 | 314.5 | | |

The Espanola Street study area ADT ranges from 314 to 315 vehicles per day.

3.B. PEAK HOUR TRAFFIC VOLUMES

The peak hour traffic volumes for the two (2) count locations are shown below in Table 3.B.1.

| Table 3.B.1. | | | | | | | |
|--|---------|-------------------------|--------------------------|--|--|--|--|
| Espanola Street Peak Hour Traffic Volumes (vph) | | | | | | | |
| Count Location Peak Hour Northbound (Peak Hour) Southbound (Peak Hour) | | | | | | | |
| Espanola Street North | AM Peak | 15 (9:15 AM - 10:15 AM) | 18 (7:00 AM - 8:00 AM) | | | | |
| Espanoia Sireet North | PM Peak | 27 (3:45 PM - 4:45 PM) | 14 (4:30 PM - 5:30 PM) | | | | |
| Espanola Street South | AM Peak | 20 (6:45 AM - 7:45 AM) | 13 (10:30 AM - 11:30 AM) | | | | |
| Espanoia Street South | PM Peak | 18 (3:00 PM - 4:00 PM) | 22 (2:00 PM - 3:00 PM) | | | | |

The Espanola Street study area peak hour traffic volumes range from 13 to 27 vehicles per hour.

3.C. SPEED STUDY RESULTS

The results of the speed study are displayed below in Table 3.C.1. and 3.C.2.

| Table 3.C.1. | | | | | | |
|-----------------|---------------------|---------------------|---------------------|--|--|--|
| | Espanola Stree | t North Speed Study | | | | |
| Speed | NB | SB | Total | | | |
| Average | 20.4 | 20.4 | 20.4 | | | |
| 10 mph Pace | 20.1 - 30.0 (59.5%) | 20.1 - 30.0 (60.5%) | 20.1 - 30.0 (60.0%) | | | |
| 50th Percentile | 22.6 | 22.6 | 22.6 | | | |
| 67th Percentile | 25.4 | 24.8 | 25.2 | | | |
| 85th Percentile | 28.2 | 28.3 | 28.4 | | | |

| Table 3.C.2. | | | | | | |
|-------------------|---------------------|---------------------|---------------------|--|--|--|
| | Espanola Stree | t South Speed Study | | | | |
| Speed NB SB Total | | | | | | |
| Average | 22.1 | 20.9 | 21.5 | | | |
| 10 mph Pace | 20.1 - 30.0 (57.0%) | 20.1 - 30.0 (60.2%) | 20.1 - 30.0 (58.6%) | | | |
| 50th Percentile | 23.6 | 22.9 | 23.2 | | | |
| 67th Percentile | 26.9 | 26.1 | 26.5 | | | |
| 85th Percentile | 31.3 | 28.5 | 29.3 | | | |

When considering whether to establish a new posted speed limit or not, surveying the existing traffic speeds is crucial to determining a reasonable posted speed limit.

Before a posted speed limit can be adjusted, an analysis must be conducted to ascertain whether or not the speed limit can be adjusted without resulting in further increases of motorists' travel speeds. Motorists usually drive at speeds which they perceive as safe, based on the observable roadway conditions. A flat and straight roadway may result in a different travel speed than the posted speed limit due to the driver's observation of the roadway condition.

In relation to Espanola Street, the posted speed limit is 25 mph, roadway conditions are consistent; controlled access, satisfactory pavement conditions, two travel lanes, and on-street parking. Table 3.C.3. displays that 37 percent of the total ADT of the two count locations recorded speeds greater than the posted speed limit of 25 mph.

| Table 3.C.3. | | | | | | | |
|------------------------------|------------|-----|-------------|-----|----------|-----|----------|
| Espanola Street ADT ≥ 25 mph | | | | | | | |
| Speed (mph) | 0 - 19.9 N | 1PH | 20 - 24.9 N | ЛРН | ≥ 25 MPI | 1 | Avg. ADT |
| Espanola Street North | 103.5 | 33% | 104.5 | 33% | 105.5 | 34% | 313.5 |
| Espanola Street South | 92 | 30% | 91.5 | 30% | 126 | 41% | 309.5 |
| Total | 195.5 | 31% | 196 | 31% | 231.5 | 37% | 623 |

3.D. CRASH DATA

Crash data was requested from the Mid-Region Council of Governments. The crash data requested showed there was 2 recorded crashes within the study area from 2012 to 2014.

| Table 3.D.1. | | | | | | | |
|--------------|---------------------------------------|--------------------|--|-------------------------------|--|--|--|
| | | Espanola S | Street Crash Summa | ry | | | |
| | | | | | Crash Correct with Traffic Calming? | | |
| 2012 | 2707 Espanola Street | Impaired Driving | Parked Vehicle | Property Damage Only Crash | No | | |
| 2014 | Claremont Avenue / Espanola Street | Driver Inattention | Intersection - Both Going Straight / Entering at Angle | Property Damage Only Crash | No | | |

4. U.S. LIMITS SPEED LIMITS PROGRAM

U.S. Limits is an FHWA sponsored program used to analyze speed limits. This program calculates a recommended speed limit based on the criteria given, which is listed on the website as follows:

- Density of surrounding development (e.g. high density, low density, or rural);
- Frequency of roadside access (e.g. number of residential driveways, commercial, industrial, shopping, and special activity properties, and the number and type of intersection roads);
- Road function (e.g. traffic movement vs. access to abutting properties);
- Road characteristics (e.g. paved width, divided or undivided, lane width, number and lanes, and sight restrictions);
- Road conditions and important high speed road characteristics (e.g. interchange spacing, AADT, and shoulders);
- Existing vehicle operating speeds;
- Adjoining speed limits and;
- Any special conditions that may exist on the road section (e.g. adverse alignment, pedestrian and roadside activities, high crash rates, etc.).

This analysis was used for Espanola Street and based on the data entered into http://www.uslimits.com for the above-listed categories. The output sheet is shown in Appendix A – U.S. Limits Output. The U.S. Limits Output recommended a speed limit of 25 mph which is the existing study speed limit.

5. CONCLUSION

After evaluating the volume and speed data within the project area, it is concluded that 37% of the traffic is exceeding 25 mph and the 85th percentile speed of traffic is not exceeding the posted speed limit by 5 mph or more at the count locations. In order to meet criteria for traffic calming measures as outlined in the City of Albuquerque's Neighborhood Traffic Management Program, at least two (2) of the following threshold criteria must be met:

| Figure 5.1. | |
|---|-------------|
| COA NMTP Traffic Calming Measures | |
| Description | Warranted? |
| Reported crashes in the past 3 years that could be corrected with traffic calming | No |
| Peak-hour traffic volume greater than 400 vehicles in one direction | No |
| 25% of peak-hour traffic is non-local cut-through traffic | Not Studied |
| 85th percentile speeds exceeds the posted speed limit by 5 mph or more | No |

Based on the data collected, Espanola Street DOES NOT meet the minimum COA NTMP traffic calming measures threshold.

Appendices

- Appendix A USLIMITS2 Speed Zoning Report
- Appendix B Volume and Speed Data
- Appendix C Crash Data



Appendix A



USLIMITS2 Speed Zoning Report

Project Name: Espanola Street Speed Study

Analyst: Thaddeus Yazzie

Basic Project Information

Project Number: 6254.11 Route Name: Espanola Street

From: Phoenix Avenue
To: Los Arboles Avenue
State: New Mexico

County: Bernalillo County City: Albuquerque city

Route Type: Road Section in Developed Area

Route Status: Existing

Roadway Information

Section Length: .24 mile(s) Statutory Speed Limit: 25 mph

Adverse Alignment: No One-Way Street: No

Divided/Undivided: Undivided Number of Through Lanes: 2 Area Type: Residential-Subdivision

Number of Driveways: 34 Number of Signals: 0 Date: 06-07-2017

Crash Data Information

Crash Data Years: 3.00 Crash AADT: 315 veh/day Total Number of Crashes: 2

Total Number of Injury Crashes: 0 Section Crash Rate: 2416 per 100 MVM Section Injury Crash Rate: 0 per 100 MVM Crash Rate Average for Similar Roads: 263 Injury Rate Average for Similar Roads: 67

Traffic Information

85th Percentile Speed: 29 mph 50th Percentile Speed: 23 mph

AADT: 315 veh/day

On Street Parking and Usage: Not High Pedestrian / Bicyclist Activity: Not High

Project Description: Espanola Street Speed Study from Phoenix Avenue to Los Arboles Avenue.

Recommended Speed Limit:



Note: The section crash rate of 2416 per 100 MVM is above the critical rate (2320). A comprehensive crash study should be undertaken to identify engineering and traffic control deficiencies and appropriate corrective actions. The speed limit should only be reduced as a last measure after all other treatments have either been tried or ruled out.

Appendix B



Special Speed Study Report: Espanola North

Station ID: Espanola North

Info Line 1: Between Los Arboles & Claremon

Info Line 2 : Albuquerque

GPS Lat/Lon:

DB File: ESP NO CLMNT.DB

Last Connected Device Type : Apollo

Version Number: 1.62 Serial Number: 21494

Number of Lanes: 1

Posted Speed Limit: 0.0 mph

Lane #1 Configuration

| # Dir. | Information | Vehicle Sensors | Sensor Spacing | Loop Length | Comment |
|--------|-------------|-----------------|----------------|-------------|---------|
| 1. | Southbound | Ax-Ax | 4.0 ft | 6.0 ft | |

| | | #1 <i>O</i> - | #2 20 - | #3 25 - | #4 30 - | #5 35 - | #6 40 - | #7 45 - | #8 50 - | #9 55 - | #10 60 - | #11 65 - | #12 70 - | #13 75 - | #14 80 - | #15 85 - | #16 | |
|----------|---------|------------------|------------|------------|------------|------------|------------|------------|------------|-------------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------|-------|
| Date | Time | 19.9 | 24.9 | 29.9 | 34.9 | 39.9 | 44.9 | 49.9 | 54.9 | 59.9 | 64.9 | 69.9 | 74.9 | 79.9 | 84.9 | 89.9 | Other | Total |
| 04/11/17 | 00:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Tue | 01:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 02:00 | 0 | 0 | 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 | 0 | 0 |
| | 04:00 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | 05:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 06:00 | 4 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| | 07:00 | 1 | 5 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| | 08:00 | 3 | 9 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| | 09:00 | 3 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| | 10:00 | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| | 11:00 | 2 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| | 12:00 | 1 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| | 13:00 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| | 14:00 | 4 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| | 15:00 | 5 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| | 16:00 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| | 17:00 | 6 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| | 18:00 | 4 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| | 19:00 | 6 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| | 20:00 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| | 21:00 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| | 22:00 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| | 23:00 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Daily 1 | Total: | 55 | 49 | 32 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| | ercent: | 38% | 34% | 22% | 6% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| Cum. P | | 38% | 72% | 94% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | _ |
| Ave | erage : | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |

Average Speed 19.4 mph

50% Speed: 22.1 mph

67% Speed: 23.5 mph

85% Speed: 27.7 mph

10mph Pace: 21.0 - 30.9 (56.3%)

| | | #1 <i>0</i> - | #2 20 - | #3 25 - | #4 30 - | #5 35 - | #6 40 - | #7 45 - | #8 50 - | #9 55 - | #10 60 - | #11 65 - | #12 70 - | #13 75 - | #14 80 - | #15 85 - | #16 | |
|--------------------|---------|------------------|-------------|------------|------------|------------|------------|-------------------|--------------|------------|-------------|-------------|------------------|--------------------|-------------|--------------------|-------|---------------|
| Date | Time | 19.9 | 24.9 | 29.9 | 34.9 | 39.9 | 44.9 | 49.9 | 54.9 | 59.9 | 64.9 | 69.9 | 74.9 | 79.9 | 84.9 | 89.9 | Other | Total |
| 04/12/17 | 00:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Wed | 01:00 | 0 | 0 | 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 | 0 | 0 |
| | 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 04:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 05:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 06:00 | 1 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| | 07:00 | 5 | 9 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| | 08:00 | 1 | 3 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| | 09:00 | 5 | 4 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| | 10:00 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| | 11:00 | 4 | 3 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| | 12:00 | 2 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| | 13:00 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| | 14:00 | 2 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| | 15:00 | 1 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| | 16:00 | 2 | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| | 17:00 | 7 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| | 18:00 | 3 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| | 19:00 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | 20:00 | 1 | 0 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| | 21:00 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | 22:00 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | 23:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Daily ⁻ | Total: | 38 | 52 | 40 | 10 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| | ercent: | 27% | 37% | 28% | 7% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| | ercent: | 27% | 63% | 92% | 99% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | _ |
| AV | erage : | 2 A | 2 verage | Speed | 21.4 | mph | 5 | 0 0% Sp | 0 eed : 2 | 3.0 mp | 0 oh | | Speed oh Pace | | | | • | 6 eed: 28. |

Lane #3 Configuration

| # Dii | r. Information | Vehicle Sensors | Sensor Spacing | Loop Length | Comment |
|-------|----------------|-----------------|----------------|-------------|---------|
| 3. | Northbound | Ax-Ax | 4.0 ft | 6.0 ft | |

| | | Lan | e #3 | Speci | al Sp | eed S | Study | Data | Fron | n: 00 : | 00 - 0 | 4/11/ | 2017 | To: | 23:59 | - 04/ | 12/20 ⁻ | 17 |
|--------------------|------------|------------------|------------|------------|------------|------------|------------|------------|------------|----------------|-------------|-------------|------------------|-------------|-------------|-------------|--------------------|-----------|
| | T ' | #1 <i>0</i> - | #2 20 - | #3 25 - | #4 30 - | #5 35 - | #6 40 - | #7 45 - | #8 50 - | #9 55 - | #10 60 - | #11 65 - | #12 70 - | #13 75 - | #14 80 - | #15 85 - | #16 | T. |
| Date | Time | 19.9 | 24.9 | 29.9 | 34.9 | 39.9 | 44.9 | 49.9 | 54.9 | 59.9 | 64.9 | 69.9 | 74.9 | 79.9 | 84.9 | 89.9 | Other | Total |
| 04/11/17 | 00:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Tue | 01:00 | 0 | 0 | 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 | 0 | 0 |
| | 03:00 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 04:00 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| | 05:00 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 06:00 | 1 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| | 07:00 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| | 08:00 | 0 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| | 09:00 | 3 | 4 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| | 10:00 | 2 | 4 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| | 11:00 | 2 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| | 12:00 | 2 | 2 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| | 13:00 | 9 | 7 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 |
| | 14:00 | 4 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| | 15:00 | 7 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| | 16:00 | 11 | 7 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 |
| | 17:00 | 4 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| | 18:00 | 2 | 4 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| | 19:00 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| | 20:00 | 2 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| | 21:00 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| | 22:00 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| | 23:00 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Daily [*] | Total: | 67 | 54 | 42 | 12 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 177 |
| | ercent: | 38% | 31% | 24% | 7% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| | ercent : | 38% | 68% | 92% | 99% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | _ |
| Ave | erage : | 3 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| | | Α | verage | Speed | 19.8 | mph | 5 | 0% Sp | eed: 2 | 2.2 mp | h | | Speed oh Pace | | | | | ed: 28.0 |

| Data T | | #1 <i>0</i> - | #2 20 - | #3 25 - | #4 30 - | #5 35 - | #6 40 - | #7 45 - | #8 50 - | #9 55 - | #10 60 - | #11 65 - | #12 70 - | #13 75 - | #14 80 - | #15 85 - | #16 | Takak |
|-------------------|------|------------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|
| | | 19.9 | 24.9 | 29.9 | 34.9 | 39.9 | 44.9 | 49.9 | 54.9 | 59.9 | 64.9 | 69.9 | 74.9 | 79.9 | 84.9 | 89.9 | Other | Total |
| | 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 3:00 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | 4:00 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | 5:00 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 6:00 | 4 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| | 7:00 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| | 8:00 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| | 9:00 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| | 0:00 | 5 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| | 1:00 | 6 | 1 | 6 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| | 2:00 | 3 | 2 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| | 3:00 | 5 | 3 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| | 4:00 | 6 | 10 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 |
| | 5:00 | 1 | 3 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| | 6:00 | 0 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| | 7:00 | 5 | 7 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| | 8:00 | 1 | 2 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| | 9:00 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| | 0:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1:00 | 0 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| | 2:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Daily Tot | | 47 | 54 | 53 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 164 |
| Perc Cum. Perc | | 29% 29% | 33% 62% | 32% 94% | 5% 99% | 1% 100% | 0% 100% | 0% 100% | 0% 100% | 0% 100% | 0% 100% | 0% 100% | 0% 100% | 0% 100% | 0% 100% | 0% 100% | 0% 100% | |
| Avera | | 29% | 62% | 94% | 99% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 6 |
| | Č | | | Speed | | | | | | 3.1 mp | | 67% | Speed | : 26.3 | mph | 8 | 5% Spee | ed: 28.2 mp |

10mph Pace: 20.9 - 30.8 (65.2%)

#3 #5 #7 #9 #10 #11 #12 #13 #14 #15 #2 #4 #6 #8 #16 0 - 20 - 25 - 30 - 35 - 40 - 45 - 50 - 55 - 60 - 65 -70 -75 - 80 - 85 -19.9 24.9 29.9 34.9 39.9 44.9 49.9 54.9 59.9 64.9 69.9 74.9 79.9 84.9 89.9 Other Date Time Total

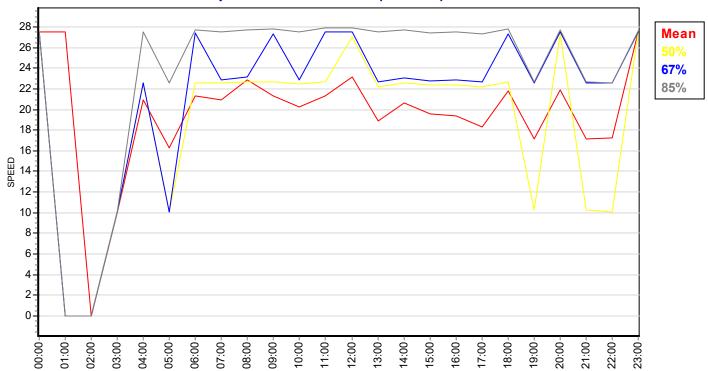
Centurion Special Speed Study Report Printed: 04/13/17 Page 5

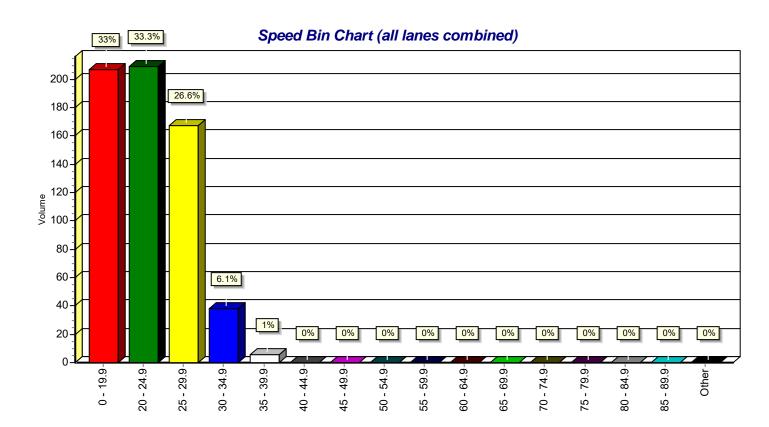
Special Speed Study Summary: Espanola North

| | #1 <i>O</i> - | #2 20 - | #3 25 - | #4 30 - | #5 35 - | #6 40 - | #7 45 - | #8 50 - | #9 55 - | #10 60 - | #11 65 - | #12 70 - | #13 75 - | #14 80 - | #15 85 - | #16 | |
|-----------------|------------------|------------|------------|------------|------------|------------|------------|------------|-------------------|-------------|-------------|------------------|-------------|-------------|-------------|-------|--------------|
| Description | 19.9 | 24.9 | 29.9 | 34.9 | 39.9 | 44.9 | 49.9 | 54.9 | 59.9 | 64.9 | 69.9 | 74.9 | 79.9 | 84.9 | 89.9 | Other | Total |
| Grand Total #1: | 93 | 101 | 72 | 18 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 286 |
| Percent : | 33% | 35% | 25% | 6% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| Cum. Percent : | 33% | 68% | 93% | 99% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | |
| Average : | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| ADT = 143 | A | verage | Speed | 20.4 | mph | 5 | 0% Sp | eed: 2 | 2.6 mp | h | | Speed oh Pace | | | | | ed: 28.3 mph |
| Grand Total #3: | 114 | 108 | 95 | 20 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 341 |
| Percent : | 33% | 32% | 28% | 6% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | • |
| Cum. Percent : | 33% | 65% | 93% | 99% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | |
| Average : | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| ADT = 170 | A | verage | Speed | 20.4 | mph | 5 | 0% Sp | eed: 2 | 2.6 mp | h | | Speed oh Pace | | | | • | ed: 28.2 mph |
| Comb. Total : | 207 | 209 | 167 | 38 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 627 |
| Percent : | 33% | 33% | 27% | 6% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| Cum. Percent : | 33% | 66% | 93% | 99% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | |
| Average : | 4 | 4 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| ADT = 313 | A | verage | Speed | 20.4 | mph | 5 | 0% Sp | eed: 2 | 2.6 mp | h | | Speed oh Pace | | • | | • | ed: 28.4 mph |

Espanola North Charts For Data From: 00:00 - 04/11/2017 To: 23:59 - 04/12/2017







Centurion Special Speed Study Report Printed: 04/13/17 Page 7

Special Speed Study Report: Espanola South

Station ID: Espanola South

Info Line 1: Between Claremont & Phoenix

Info Line 2: Albuquerque

GPS Lat/Lon:

DB File: ESP NO PHX.DB

Last Connected Device Type: Apollo

Version Number: 1.66 Serial Number:

Number of Lanes: 1

Posted Speed Limit: 0.0 mph

Lane #1 Configuration

| # Dir. | Information | Vehicle Sensors | Sensor Spacing | Loop Length | Comment |
|--------|-------------|-----------------|----------------|-------------|---------|
| 1. | Southbound | Ax-Ax | 4.0 ft | 6.0 ft | |

| Lane #1 Special Speed Study | Data From: 00:00 - 04/11/2017 | ' To: 23:59 - 04/12/2017 |
|-----------------------------|-------------------------------|--------------------------|
|-----------------------------|-------------------------------|--------------------------|

| | | #1 <i>0</i> - | #2 20 - | #3 25 - | #4 30 - | #5 35 - | #6 40 - | #7 45 - | #8 50 - | #9 55 - | #10 <i>60</i> - | #11 65 - | #12 70 - | #13 75 - | #14 80 - | #15 85 - | #16 | |
|--------------------|---------------------|------------------|------------|------------|------------|-------------------|------------|------------|-------------------|-------------------|--------------------|-------------|-------------|--------------------|-------------|-------------|-----------|-------|
| Date | Time | 19.9 | 24.9 | 29.9 | 34.9 | 39.9 | 44.9 | 49.9 | 54.9 | 59.9 | 64.9 | 69.9 | 74.9 | 79.9 | 84.9 | 89.9 | Other | Total |
| 04/11/17 | 00:00 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Tue | 01:00 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 02:00 | 0 | 0 | 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 | 0 | 0 |
| | 04:00 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | 05:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 06:00 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| | 07:00 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| | 08:00 | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| | 09:00 | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| | 10:00 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| | 11:00 | 4 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| | 12:00 | 0 | 5 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| | 13:00 | 3 | 4 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| | 14:00 | 5 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| | 15:00 | 8 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| | 16:00 | 7 | 7 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 |
| | 17:00 | 5 | 6 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| | 18:00 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| | 19:00 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| | 20:00 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| | 21:00 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| | 22:00 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| | 23:00 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Daily ⁻ | Total: | 56 | 52 | 42 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 158 |
| | ercent: | 35% | 33% | 27% | 4% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| | ercent : erage : | 35% 2 | 68% 2 | 95% 2 | 99% 0 | 100% | 100% | 100% | 100% | 100% | 100% | 100% 0 | 100% | 100% | 100% | 100% | 100% 0 | 6 |
| Ave | erage . | 2 | 2 | 2 | U | U | U | U | U | U | U | U | U | U | U | U | U | О |

Average Speed 19.9 mph

50% Speed: 22.4 mph

67% Speed: 24.0 mph 85% Speed: 27.8 mph

10mph Pace: 20.9 - 30.8 (59.5%)

| | | #1 <i>O</i> - | #2 20 - | #3 25 - | #4 30 - | #5 35 - | #6 4 0 - | #7 45 - | #8 50 - | #9 55 - | #10 60 - | #11 65 - | #12 70 - | #13 <i>75</i> - | #14 80 - | #15 85 - | #16 | |
|----------|---------------------|------------------|------------|------------|------------|------------|--------------------|------------|------------|------------|-------------|-------------|------------------|--------------------|-------------|-------------|-----------|------------|
| Date | Time | 19.9 | 24.9 | 29.9 | 34.9 | 39.9 | 44.9 | 49.9 | 54.9 | 59.9 | 64.9 | 69.9 | 74.9 | 79.9 | 84.9 | 89.9 | Other | Total |
| 04/12/17 | 00:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wed | 01:00 | 0 | 0 | 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 | 0 | 0 |
| | 03:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 04:00 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 05:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 06:00 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| | 07:00 | 5 | 0 | 1 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| | 08:00 | 6 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| | 09:00 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| | 10:00 | 4 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| | 11:00 | 2 | 2 | 4 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| | 12:00 | 0 | 6 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| | 13:00 | 5 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| | 14:00 | 3 | 9 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 |
| | 15:00 | 4 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| | 16:00 | 2 | 3 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| | 17:00 | 5 | 3 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| | 18:00 | 3 | 2 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| | 19:00 | 0 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| | 20:00 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| | 21:00 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| | 22:00 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Daily 1 | Γotal : | 44 | 41 | 54 | 15 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 156 |
| | ercent : | 28% | 26% | 35% | 10% | 1% | 0% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| Cum. P | ercent : erage : | 28% 2 | 54% 2 | 89% 2 | 99% 1 | 99% 0 | 99% 0 | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% 0 | 7 |
| AVE | Jaye . | | | Speed | | | | | eed : 2 | | | 67% | Speed oh Pace | : 27.0 | mph | 8 | 5% Spee | ed: 28.8 r |

Lane #3 Configuration

| # Dir. | Information | Vehicle Sensors | Sensor Spacing | Loop Length | Comment |
|--------|-------------|-----------------|----------------|-------------|---------|
| 3. | Northbound | Ax-Ax | 4.0 ft | 6.0 ft | |

| Date | Time | #1 0 - 19.9 | #2 20 - 24.9 | #3 25 - 29.9 | #4 30 - 34.9 | #5 35 - 39.9 | #6 40 - 44.9 | #7 45 - 49.9 | #8 50 - 54.9 | #9 55 - 59.9 | #10 60 - 64.9 | #11 65 - 69.9 | #12 70 - 74.9 | #13 75 - 79.9 | #14 80 - 84.9 | #15 85 - 89.9 | #16 Other | Total |
|---------|---------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-----------|-------|
| 4/11/17 | 00:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Tue | 01:00 | 0 | 0 | 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 | 0 | 0 |
| | 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 04:00 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | 05:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 06:00 | 1 | 0 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| | 07:00 | 5 | 3 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| | 08:00 | 2 | 4 | 5 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| | 09:00 | 0 | 4 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| | 10:00 | 2 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| | 11:00 | 1 | 3 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| | 12:00 | 1 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| | 13:00 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| | 14:00 | 3 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| | 15:00 | 6 | 4 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| | 16:00 | 6 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| | 17:00 | 4 | 1 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| | 18:00 | 4 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| | 19:00 | 3 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| | 20:00 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| | 21:00 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| | 22:00 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| | 23:00 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Daily | Total: | 47 | 54 | 39 | 14 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157 |
| | ercent: | 30% | 34% | 25% | 9% | 2% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| | ercent: | 30% | 64% | 89% | 98% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | |

| Date | Time | #1 0 - 19.9 | #2 20 - 24.9 | #3 25 - 29.9 | #4 30 - 34.9 | #5 35 - 39.9 | #6 40 - 44.9 | #7 45 - 49.9 | #8 50 - 54.9 | #9 55 - 59.9 | #10 60 - 64.9 | #11 65 - 69.9 | #12 70 - 74.9 | #13 75 - 79.9 | #14 80 - 84.9 | #15 85 - 89.9 | #16 Other | Total |
|----------|--------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------|----------|
| 04/12/17 | 00:00 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Wed | 01:00 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 02:00 | 0 | 0 | 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 | 0 | 0 |
| | 04:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 05:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 06:00 | 0 | 3 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| | 07:00 | 9 | 2 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| | 08:00 | 0 | 2 | 5 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| | 09:00 | 1 | 2 | 7 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| | 10:00 | 0 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| | 11:00 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| | 12:00 | 4 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| | 13:00 | 3 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| | 14:00 | 4 | 2 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| | 15:00 | 4 | 1 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| | 16:00 | 3 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| | 17:00 | 4 | 3 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| | 18:00 | 3 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| | 19:00 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| | 20:00 | 0 | 2 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| | 21:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 22:00 23:00 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 1 |
| | | | 0 | | | | | | | | | 0 | | 0 | | | | |
| - | Total: Percent: | 37 25% | 36 24% | 45 30% | 25 17% | 5 3% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 0 0% | 148 |
| Cum. P | | 25% 25% | 49% | 80% | 97% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | |
| | erage : | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| | | Α | verage | Speed | 23.1 | mph | 5 | 0% Sp | eed: 2 | 6.2 mp | h | | Speed oh Pace | | | | | ed: 32.1 |

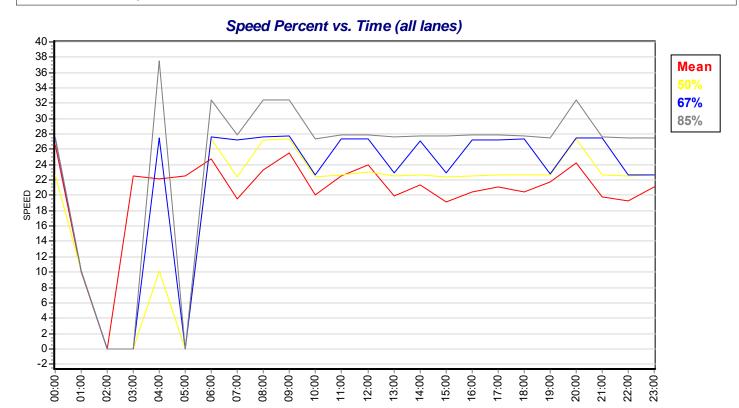
#3 #5 #7 #9 #10 #11 #12 #13 #14 #15 #2 #4 #6 #8 #16 0 - 20 - 25 - 30 - 35 - 40 - 45 - 50 - 55 - 60 - 65 -70 -75 - 80 - 85 -19.9 24.9 29.9 34.9 39.9 44.9 49.9 54.9 59.9 64.9 69.9 74.9 79.9 84.9 89.9 Other Date Time Total

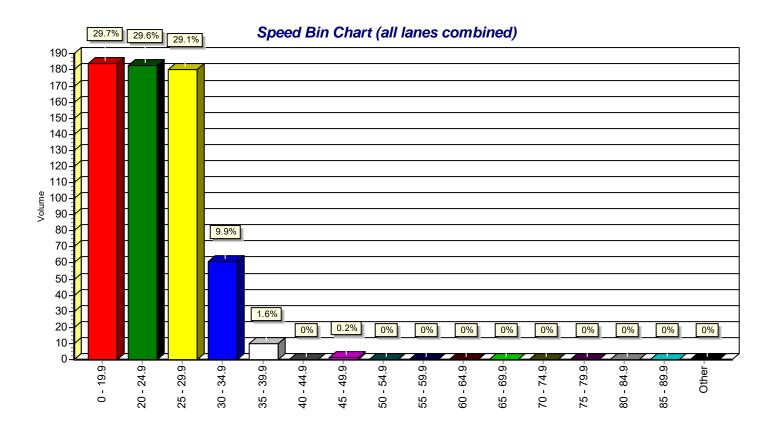
Centurion Special Speed Study Report Printed: 04/13/17 Page 5

Special Speed Study Summary: Espanola South

| | #1 <i>O</i> - | #2 20 - | #3 25 - | #4 30 - | #5 35 - | #6 40 - | #7 45 - | #8 50 - | #9 55 - | #10 60 - | #11 65 - | #12 70 - | #13 75 - | #14 80 - | #15 85 - | #16 | |
|------------------|------------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|--------|--------------|
| Description | 19.9 | 24.9 | 29.9 | 34.9 | 39.9 | 44.9 | 49.9 | 54.9 | 59.9 | 64.9 | 69.9 | 74.9 | 79.9 | 84.9 | 89.9 | Other | Total |
| Grand Total #1: | 100 | 93 | 96 | 22 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 314 |
| Percent: | 32% | 30% | 31% | 7% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| Cum. Percent : | 32% | 61% | 92% | 99% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | |
| Average : | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| ADT = 157 | A | verage | Speed | 20.9 | mph | 5 | 0% Spe | eed: 2 | 2.9 mp | h | | Speed | | | | | ed: 28.5 mph |
| | | | | | | | | | | | 10mp | h Pace | 20.1 | - 30.0 | (60.2% | o) | |
| Grand Total #3: | 84 | 90 | 84 | 39 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 305 |
| Percent : | 28% | 30% | 28% | 13% | 3% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| Cum. Percent : | 28% | 57% | 85% | 97% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | |
| Average : | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| ADT = 152 | A | verage | Speed | 22.1 | mph | 5 | 0% Spe | ed: 2 | 3.6 mp | h | 67% | Speed | : 26.9 | mph | 8 | 5% Spe | ed: 31.3 mph |
| | | | | | | | | | | | 10mp | h Pace | e: 20.1 | - 30.0 | (57.0% | 5) | |
| Comb. Total : | 184 | 183 | 180 | 61 | 10 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 619 |
| Percent : | 30% | 30% | 29% | 10% | 2% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| Cum. Percent : | 30% | 59% | 88% | 98% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | |
| Average : | 4 | 4 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| ADT = 309 | A | verage | Speed | 21.5 | mph | 5 | 0% Spe | eed: 2 | 3.2 mp | h | | Speed | | • | | • | ed: 29.3 mph |
| | | | | | | | | | | | 10mp | h Pace | e: 20.1 | - 30.0 | (58.6% | b) | |

Espanola South Charts For Data From: 00:00 - 04/11/2017 To: 23:59 - 04/12/2017





Centurion Special Speed Study Report Printed: 04/13/17 Page 7

Basic Volume Report: Espanola North

Station ID: Espanola North

Info Line 1: Between Los Arboles & Claremon

Info Line 2 : Albuquerque

GPS Lat/Lon:

DB File: ESP NO CLMNT.DB

Last Connected Device Type: Apollo

Version Number: 1.62 Serial Number: 21494

Number of Lanes: 1

Posted Speed Limit: 0.0 mph

| # Dir. | Information | Volume Mode | Volume Sensors | Divide By 2 | Comment |
|--------|-------------|-------------|----------------|-------------|---------|
| 1. | Southbound | Normal | Veh. | No | |

Lane #1 Basic Volume Data From: 00:00 - 04/11/2017 To: 23:59 - 04/12/2017

| Date | Time | :00 | :15 | :30 | :45 | Total |
|-----------|-------|-----|-----|-----|-----|-------|
| 04/11/17 | 00:00 | 0 | 0 | 0 | 1 | 1 |
| Tue | 01:00 | 0 | 1 | 0 | 0 | 1 |
| | 02:00 | 0 | 0 | 0 | 0 | 0 |
| | 03:00 | 0 | 0 | 0 | 0 | 0 |
| | 04:00 | 0 | 0 | 0 | 2 | 2 |
| | 05:00 | 0 | 0 | 0 | 1 | 1 |
| | 06:00 | 1 | 3 | 1 | 3 | 8 |
| | 07:00 | 2 | 1 | 3 | 3 | 9 |
| | 08:00 | 3 | 5 | 4 | 4 | 16 |
| | 09:00 | 2 | 3 | 3 | 3 | 11 |
| | 10:00 | 2 | 1 | 2 | 2 | 7 |
| | 11:00 | 0 | 2 | 4 | 0 | 6 |
| | 12:00 | 1 | 0 | 1 | 4 | 6 |
| | 13:00 | 1 | 0 | 0 | 2 | 3 |
| | 14:00 | 6 | 0 | 1 | 2 | 9 |
| | 15:00 | 3 | 3 | 1 | 3 | 10 |
| | 16:00 | 2 | 1 | 3 | 2 | 8 |
| | 17:00 | 3 | 6 | 3 | 2 | 14 |
| | 18:00 | 1 | 1 | 2 | 4 | 8 |
| | 19:00 | 2 | 5 | 3 | 0 | 10 |
| | 20:00 | 0 | 2 | 1 | 3 | 6 |
| | 21:00 | 1 | 1 | 0 | 1 | 3 |
| | 22:00 | 2 | 0 | 1 | 0 | 3 |
| | 23:00 | 1 | 1 | 0 | 0 | 2 |
| Day Total | : | | | | _ | 144 |

Day Total :

| AM Total : | 62 (43.1%) | Peak AM Hour : 08:00 = | 16 (11.1%) | Peak AM Factor: 0.800 | Average Period : | 1.5 |
|------------|------------|------------------------|------------|-----------------------|------------------|-----|
| PM Total : | 82 (56.9%) | Peak PM Hour : 16:30 = | 14 (9.7%) | Peak PM Factor: 0.583 | Average Hour : | 6.0 |

Printed: 04/13/17 Centurion Basic Volume Report

Average Period :

Average Hour :

1.5

5.9

AM Total:

PM Total:

66 (46.5%)

76 (53.5%)

Peak AM Hour : 07:00 =

Peak PM Hour : 17:15 =

| Date | Time | :00 | :15 | :30 | : 4 5 | Total |
|-----------|-------|-----|-----|-----|--------------|-------|
| 04/12/17 | 00:00 | 0 | 0 | 1 | 0 | 1 |
| Wed | 01:00 | 0 | 0 | 0 | 0 | 0 |
| | 02:00 | 0 | 0 | 0 | 0 | 0 |
| | 03:00 | 0 | 0 | 0 | 0 | 0 |
| | 04:00 | 0 | 0 | 1 | 0 | 1 |
| | 05:00 | 0 | 0 | 0 | 1 | 1 |
| | 06:00 | 0 | 4 | 0 | 0 | 4 |
| | 07:00 | 5 | 4 | 6 | 3 | 18 |
| | 08:00 | 2 | 2 | 4 | 3 | 11 |
| | 09:00 | 5 | 4 | 4 | 3 | 16 |
| | 10:00 | 1 | 0 | 1 | 1 | 3 |
| | 11:00 | 3 | 2 | 4 | 2 | 11 |
| | 12:00 | 3 | 3 | 0 | 3 | 9 |
| | 13:00 | 2 | 2 | 0 | 2 | 6 |
| | 14:00 | 3 | 2 | 2 | 3 | 10 |
| | 15:00 | 3 | 3 | 2 | 1 | 9 |
| | 16:00 | 2 | 0 | 1 | 3 | 6 |
| | 17:00 | 1 | 6 | 2 | 3 | 12 |
| | 18:00 | 3 | 3 | 2 | 1 | 9 |
| | 19:00 | 0 | 0 | 2 | 0 | 2 |
| | 20:00 | 2 | 2 | 2 | 2 | 8 |
| | 21:00 | 0 | 2 | 0 | 0 | 2 |
| | 22:00 | 1 | 0 | 0 | 1 | 2 |
| | 23:00 | 1 | 0 | 0 | 0 | 1 |
| Day Total | | | | | _ | 142 |
| , | | | | | | |

18 (12.7%)

14 (9.9%)

Peak AM Factor: 0.750

Peak PM Factor: 0.583

Centurion Basic Volume Report Printed: 04/13/17 Page 2

Lane #3 Configuration

Dir. Information Volume Mode Volume Sensors Divide By 2 Comment Northbound Veh. Normal

Lane #3 Basic Volume Data From: 00:00 - 04/11/2017 To: 23:59 - 04/12/2017

| Date | Time | :00 | :15 | :30 | :45 | Total |
|-----------|-------|-----|-----|-----|-----|-------|
| 04/11/17 | 00:00 | 0 | 0 | 0 | 1 | 1 |
| Tue | 01:00 | 0 | 0 | 0 | 0 | 0 |
| | 02:00 | 0 | 0 | 0 | 0 | 0 |
| | 03:00 | 0 | 0 | 0 | 1 | 1 |
| | 04:00 | 1 | 0 | 0 | 2 | 3 |
| | 05:00 | 0 | 1 | 0 | 0 | 1 |
| | 06:00 | 1 | 0 | 1 | 5 | 7 |
| | 07:00 | 0 | 0 | 2 | 2 | 4 |
| | 08:00 | 1 | 1 | 3 | 1 | 6 |
| | 09:00 | 0 | 4 | 3 | 4 | 11 |
| | 10:00 | 4 | 3 | 2 | 2 | 11 |
| | 11:00 | 2 | 2 | 1 | 2 | 7 |
| | 12:00 | 5 | 1 | 2 | 4 | 12 |
| | 13:00 | 5 | 4 | 7 | 5 | 21 |
| | 14:00 | 3 | 2 | 2 | 1 | 8 |
| | 15:00 | 1 | 2 | 3 | 8 | 14 |
| | 16:00 | 5 | 6 | 8 | 5 | 24 |
| | 17:00 | 4 | 2 | 3 | 2 | 11 |
| | 18:00 | 6 | 2 | 0 | 3 | 11 |
| | 19:00 | 0 | 2 | 1 | 1 | 4 |
| | 20:00 | 3 | 2 | 1 | 0 | 6 |
| | 21:00 | 3 | 1 | 1 | 3 | 8 |
| | 22:00 | 1 | 1 | 2 | 0 | 4 |
| | 23:00 | 2 | 0 | 0 | 0 | 2 |
| Day Total | : | | | | | 177 |

AM Total: 52 (29.4%) Peak AM Hour : 09:15 = 15 (8.5%) Peak AM Factor: 0.750 Average Period : 1.8 PM Total: 125 (70.6%) Peak PM Hour : 15:45 = 27 (15.3%) Peak PM Factor: 0.844 Average Hour: 7.4

Printed: 04/13/17 Page 3 Centurion Basic Volume Report

| Date | Time | :00 | :15 | :30 | :45 | Total |
|-----------|-------|-----|-----|-----|-----|-------|
| 04/12/17 | 00:00 | 0 | 0 | 0 | 0 | 0 |
| Wed | 01:00 | 0 | 0 | 0 | 0 | 0 |
| | 02:00 | 0 | 0 | 0 | 0 | 0 |
| | 03:00 | 0 | 1 | 0 | 1 | 2 |
| | 04:00 | 1 | 0 | 0 | 1 | 2 |
| | 05:00 | 0 | 0 | 0 | 1 | 1 |
| | 06:00 | 1 | 1 | 1 | 6 | 9 |
| | 07:00 | 1 | 1 | 1 | 2 | 5 |
| | 08:00 | 1 | 2 | 1 | 2 | 6 |
| | 09:00 | 1 | 2 | 0 | 2 | 5 |
| | 10:00 | 4 | 3 | 3 | 2 | 12 |
| | 11:00 | 4 | 5 | 1 | 5 | 15 |
| | 12:00 | 5 | 5 | 1 | 4 | 15 |
| | 13:00 | 4 | 3 | 0 | 6 | 13 |
| | 14:00 | 4 | 4 | 7 | 11 | 26 |
| | 15:00 | 0 | 3 | 2 | 3 | 8 |
| | 16:00 | 0 | 3 | 3 | 4 | 10 |
| | 17:00 | 6 | 4 | 2 | 3 | 15 |
| | 18:00 | 3 | 2 | 4 | 1 | 10 |
| | 19:00 | 1 | 0 | 3 | 1 | 5 |
| | 20:00 | 0 | 0 | 0 | 0 | 0 |
| | 21:00 | 1 | 1 | 1 | 2 | 5 |
| | 22:00 | 0 | 0 | 0 | 0 | 0 |
| | 23:00 | 0 | 0 | 0 | 0 | 0 |
| Day Total | | | | | _ | 164 |

AM Total : 57 (34.8%) Peak AM Hour : 11:00 = 15 (9.1%) Peak AM Factor : 0.625 Average Period : 1.7 PM Total : 107 (65.2%) Peak PM Hour : 14:00 = 26 (15.9%) Peak PM Factor : 0.591 Average Hour : 6.8

Basic Volume Summary: Espanola North

| Grand Total For Data From: 00:00 | - 04/11/2017 | To: 23:59 - 04/12/2017 |
|------------------------------------|-----------------|------------------------|
| Gianu iviai foi Dala Fivini. VV.VV | - 04/ /20 / | 10. 23.33 - 04/12/2017 |

| Lane | Total Count | # Of Days | ADT | Avg. Period | Avg. Hour | AM Total & Percent | PM Total & Percent |
|------|-------------|-----------|-----|-------------|-----------|--------------------|--------------------|
| #1. | 286 (45.6%) | 2.00 | 143 | 1.5 | 6.0 | 128 (44.8%) | 158 (55.2%) |
| #3. | 341 (54.4%) | 2.00 | 171 | 1.8 | 7.1 | 109 (32.0%) | 232 (68.0%) |
| ALL | 627 | 2.00 | 314 | 3.3 | 13.1 | 237 (37.8%) | 390 (62.2%) |

| Lane | Peak AM H | our | Date | Peak AM Factor | Peak PM H | lour | Date | Peak PM Factor | |
|------|-----------|-----|------------|----------------|-----------|------|------------|----------------|--|
| #1. | 07:00 = | 18 | 04/12/2017 | 0.750 | 16:30 = | 14 | 04/11/2017 | 0.583 | |
| #3. | 09:15 = | 15 | 04/11/2017 | 0.750 | 15:45 = | 27 | 04/11/2017 | 0.844 | |

Basic Volume Report: Espanola South

Station ID: Espanola South

Info Line 1: Between Claremont & Phoenix

Info Line 2: Albuquerque

GPS Lat/Lon:

DB File: ESP NO PHX.DB

Last Connected Device Type: Apollo

Version Number: 1.66

Serial Number :

Number of Lanes: 1

Posted Speed Limit: 0.0 mph

| # Dir. | Information | Volume Mode | Volume Sensors | Divide By 2 | Comment |
|--------|-------------|-------------|----------------|-------------|---------|
| 1. | Southbound | Normal | Veh. | No | |

Lane #1 Basic Volume Data From: 00:00 - 04/11/2017 To: 23:59 - 04/12/2017

| Date | Time | :00 | :15 | :30 | :45 | Total |
|-----------|-------|-----|-----|-----|-----|-------|
| 04/11/17 | 00:00 | 0 | 0 | 0 | 2 | 2 |
| Tue | 01:00 | 1 | 0 | 0 | 0 | 1 |
| | 02:00 | 0 | 0 | 0 | 0 | 0 |
| | 03:00 | 0 | 0 | 0 | 0 | 0 |
| | 04:00 | 1 | 0 | 0 | 1 | 2 |
| | 05:00 | 0 | 0 | 0 | 0 | 0 |
| | 06:00 | 0 | 0 | 0 | 3 | 3 |
| | 07:00 | 1 | 0 | 4 | 1 | 6 |
| | 08:00 | 0 | 2 | 4 | 2 | 8 |
| | 09:00 | 0 | 3 | 1 | 2 | 6 |
| | 10:00 | 4 | 2 | 1 | 1 | 8 |
| | 11:00 | 2 | 2 | 2 | 2 | 8 |
| | 12:00 | 3 | 3 | 2 | 3 | 11 |
| | 13:00 | 5 | 2 | 4 | 5 | 16 |
| | 14:00 | 2 | 3 | 3 | 1 | 9 |
| | 15:00 | 3 | 0 | 5 | 6 | 14 |
| | 16:00 | 3 | 5 | 6 | 5 | 19 |
| | 17:00 | 5 | 4 | 3 | 4 | 16 |
| | 18:00 | 3 | 3 | 1 | 3 | 10 |
| | 19:00 | 0 | 3 | 0 | 2 | 5 |
| | 20:00 | 2 | 2 | 0 | 0 | 4 |
| | 21:00 | 1 | 1 | 0 | 2 | 4 |
| | 22:00 | 2 | 0 | 2 | 0 | 4 |
| | 23:00 | 1 | 0 | 2 | 0 | 3 |
| Day Total | : | | | | _ | 159 |

AM Total: 44 (27.7%) Peak AM Hour: 09:15 = 10 (6.3%) Peak AM Factor: 0.625 Average Period: 1.7
PM Total: 115 (72.3%) Peak PM Hour: 16:15 = 21 (13.2%) Peak PM Factor: 0.875 Average Hour: 6.6

1.6

6.5

Average Period :

Average Hour :

AM Total:

PM Total:

51 (32.5%)

106 (67.5%)

Peak AM Hour : 10:30 =

Peak PM Hour : 14:00 =

| Date | Time | :00 | :15 | :30 | :45 | Total |
|-----------|-------|-----|-----|-----|-----|-------|
| 04/12/17 | 00:00 | 0 | 0 | 0 | 0 | 0 |
| Wed | 01:00 | 0 | 0 | 0 | 0 | 0 |
| | 02:00 | 0 | 0 | 0 | 0 | 0 |
| | 03:00 | 0 | 0 | 1 | 0 | 1 |
| | 04:00 | 1 | 0 | 0 | 0 | 1 |
| | 05:00 | 0 | 0 | 0 | 0 | 0 |
| | 06:00 | 1 | 0 | 0 | 2 | 3 |
| | 07:00 | 3 | 3 | 4 | 1 | 11 |
| | 08:00 | 1 | 3 | 2 | 2 | 8 |
| | 09:00 | 0 | 1 | 1 | 2 | 4 |
| | 10:00 | 2 | 4 | 3 | 3 | 12 |
| | 11:00 | 2 | 5 | 0 | 4 | 11 |
| | 12:00 | 5 | 4 | 1 | 4 | 14 |
| | 13:00 | 3 | 1 | 2 | 4 | 10 |
| | 14:00 | 2 | 4 | 5 | 11 | 22 |
| | 15:00 | 0 | 5 | 0 | 3 | 8 |
| | 16:00 | 1 | 4 | 3 | 4 | 12 |
| | 17:00 | 6 | 5 | 4 | 2 | 17 |
| | 18:00 | 2 | 4 | 2 | 2 | 10 |
| | 19:00 | 1 | 2 | 3 | 0 | 6 |
| | 20:00 | 1 | 1 | 1 | 0 | 3 |
| | 21:00 | 0 | 2 | 0 | 1 | 3 |
| | 22:00 | 1 | 0 | 0 | 0 | 1 |
| | 23:00 | 0 | 0 | 0 | 0 | 0 |
| Day Total | | | | | | 157 |

13 (8.3%)

22 (14.0%)

Peak AM Factor: 0.650

Peak PM Factor: 0.500

Lane #3 Configuration

Dir. Information Volume Mode Volume Sensors Divide By 2 Comment Northbound Veh. Normal

Lane #3 Basic Volume Data From: 00:00 - 04/11/2017 To: 23:59 - 04/12/2017

| Date | Time | :00 | :15 | :30 | :45 | Total |
|-----------|-------|-----|-----|-----|-----|-------|
| 04/11/17 | 00:00 | 0 | 0 | 0 | 1 | 1 |
| Tue | 01:00 | 0 | 0 | 0 | 0 | 0 |
| | 02:00 | 0 | 0 | 0 | 0 | 0 |
| | 03:00 | 0 | 0 | 0 | 0 | 0 |
| | 04:00 | 0 | 0 | 0 | 2 | 2 |
| | 05:00 | 0 | 0 | 0 | 0 | 0 |
| | 06:00 | 1 | 1 | 0 | 4 | 6 |
| | 07:00 | 3 | 3 | 1 | 5 | 12 |
| | 08:00 | 4 | 3 | 3 | 4 | 14 |
| | 09:00 | 2 | 3 | 2 | 3 | 10 |
| | 10:00 | 1 | 1 | 1 | 4 | 7 |
| | 11:00 | 3 | 2 | 4 | 1 | 10 |
| | 12:00 | 1 | 1 | 3 | 3 | 8 |
| | 13:00 | 1 | 0 | 1 | 2 | 4 |
| | 14:00 | 6 | 3 | 1 | 3 | 13 |
| | 15:00 | 4 | 7 | 3 | 4 | 18 |
| | 16:00 | 3 | 1 | 3 | 3 | 10 |
| | 17:00 | 4 | 5 | 0 | 2 | 11 |
| | 18:00 | 3 | 3 | 3 | 0 | 9 |
| | 19:00 | 4 | 4 | 2 | 1 | 11 |
| | 20:00 | 1 | 1 | 0 | 1 | 3 |
| | 21:00 | 1 | 3 | 0 | 1 | 5 |
| | 22:00 | 2 | 0 | 2 | 0 | 4 |
| | 23:00 | 1 | 1 | 1 | 0 | 3 |
| Day Total | : | | | | _ | 161 |

Day Total :

AM Total : 62 (38.5%) Peak AM Hour : 07:45 = 15 (9.3%) Peak AM Factor: 0.750 Average Period : 1.7 PM Total: 99 (61.5%) Peak PM Hour : 15:00 = 18 (11.2%) Peak PM Factor: 0.643 Average Hour: 6.7

| Date | Time | :00 | :15 | :30 | :45 | Total |
|-----------|-------|-----|-----|-----|-----|-------|
| 04/12/17 | 00:00 | 0 | 1 | 1 | 0 | 2 |
| Wed | 01:00 | 0 | 0 | 0 | 1 | 1 |
| | 02:00 | 0 | 0 | 0 | 0 | 0 |
| | 03:00 | 0 | 0 | 0 | 0 | 0 |
| | 04:00 | 0 | 0 | 1 | 0 | 1 |
| | 05:00 | 0 | 0 | 0 | 1 | 1 |
| | 06:00 | 1 | 3 | 0 | 4 | 8 |
| | 07:00 | 5 | 6 | 5 | 3 | 19 |
| | 08:00 | 2 | 0 | 7 | 2 | 11 |
| | 09:00 | 5 | 5 | 3 | 3 | 16 |
| | 10:00 | 1 | 0 | 3 | 1 | 5 |
| | 11:00 | 1 | 2 | 1 | 1 | 5 |
| | 12:00 | 2 | 2 | 2 | 3 | 9 |
| | 13:00 | 3 | 2 | 0 | 2 | 7 |
| | 14:00 | 2 | 5 | 3 | 2 | 12 |
| | 15:00 | 3 | 2 | 4 | 2 | 11 |
| | 16:00 | 2 | 1 | 0 | 5 | 8 |
| | 17:00 | 0 | 9 | 2 | 1 | 12 |
| | 18:00 | 4 | 3 | 3 | 1 | 11 |
| | 19:00 | 1 | 1 | 1 | 0 | 3 |
| | 20:00 | 3 | 0 | 1 | 2 | 6 |
| | 21:00 | 0 | 0 | 0 | 0 | 0 |
| | 22:00 | 2 | 0 | 0 | 1 | 3 |
| | 23:00 | 1 | 0 | 0 | 0 | 1 |
| Day Total | | | | | _ | 152 |

AM Total : 69 (45.4%) Peak AM Hour : 06:45 = 20 (13.2%) Peak AM Factor : 0.714 Average Period : 1.6 PM Total : 83 (54.6%) Peak PM Hour : 16:45 = 16 (10.5%) Peak PM Factor : 0.444 Average Hour : 6.3

Basic Volume Summary: Espanola South

Grand Total For Data From: 00:00 - 04/11/2017 To: 23:59 - 04/12/2017

| Lane | Total Count | # Of Days | ADT | Avg. Period | Avg. Hour | AM Total & Percent | PM Total & Percent |
|------|-------------|-----------|-----|-------------|-----------|--------------------|--------------------|
| #1. | 316 (50.2%) | 2.00 | 158 | 1.6 | 6.6 | 95 (30.1%) | 221 (69.9%) |
| #3. | 313 (49.8%) | 2.00 | 157 | 1.6 | 6.5 | 131 (41.9%) | 182 (58.1%) |
| ALL | 629 | 2.00 | 315 | 3.2 | 13.1 | 226 (35.9%) | 403 (64.1%) |

| Lane | Peak AM H | our | Date | Peak AM Factor | Peak PM H | our | Date | Peak PM Factor | |
|------|-----------|-----|------------|----------------|-----------|-----|------------|----------------|--|
| #1. | 10:30 = | 13 | 04/12/2017 | 0.650 | 14:00 = | 22 | 04/12/2017 | 0.500 | |
| #3. | 06:45 = | 20 | 04/12/2017 | 0.714 | 15:00 = | 18 | 04/11/2017 | 0.643 | |

Appendix C



| OBJECTID | ReportIDSt | Date | CrashDate | Year |
|----------|-----------------------------|------------|----------------------|---------------------|
| 297098 | 12.23295462 | 6/7/2012 | 20120607 | 2012 |
| 341549 | 14.710185904 | 11/7/2014 | 20141107 | 2014 |
| OBJECTID | Day | Month | Time24 | Hour24 |
| 297098 | 5 | 6 | 300 | 3 |
| 341549 | 6 | 11 | 1511 | 15 |
| OBJECTID | Agency | County | City | AStreet |
| 297098 | 45 | 1 | 7825 | 2707 ESPANOLA ST NE |
| 341549 | 3 | 1 | 7825 | CLAREMONT AVE NE |
| OBJECTID | BStreet | Landmark | Route | MilePost |
| 297098 | ESPANOLA ST NE | | | 0 |
| 341549 | ESPANOLA ST NE | | | 0 |
| OBJECTID | NumVeh | NumPersons | NumKilled | NumClassA |
| 297098 | 2 | 2 | 0 | 0 |
| 341549 | 2 | 2 | 0 | 0 |
| OBJECTID | NumClassB | NumClassC | NumInjured | NumUnhurt |
| 297098 | 0 | 0 | 0 | 2 |
| 341549 | 0 | 0 | 0 | 2 |
| OBJECTID | Severity Property Damage | Class | Analysis | TOPCACC |
| 297098 | Only Crash | 6 | Parked Veh-Unk | Impaired Driving |
| 237030 | Offity Crash | Ü | Intersection - Both | impaired briving |
| | | | Going | |
| | Property Damage | | Straight/Entering At | |
| 341549 | Only Crash | 4 | Angle | Driver Inattention |
| OBJECTID | Weather | Lighting | ALCInv | DRUGInv |
| 297098 | 1 | 4 | Т | Т |
| 341549 | 1 | 1 | F | F |
| OBJECTID | PEDInv | MCInv | PECInv | Trklnv |
| 297098 | F | F | F | F |
| 341549 | F | F | F | F |
| OBJECTID | HZInv | HitRun | SHTDProp | System |
| 297098 | F | T | 0 | 2 |
| 341549 | F | F | 0 | 2 |

| OBJECTID | MaxDam | RoadRel | Character | Grade |
|----------|----------|---------|------------|-----------|
| 297098 | 0 | T | F | 8 |
| 341549 | 3 | Т | F | 9 |
| | | | | |
| OBJECTID | NonLocal | Measure | MeasureUni | Direction |
| 297098 | 0 | | | |
| 341549 | 2 | | 99 | |

