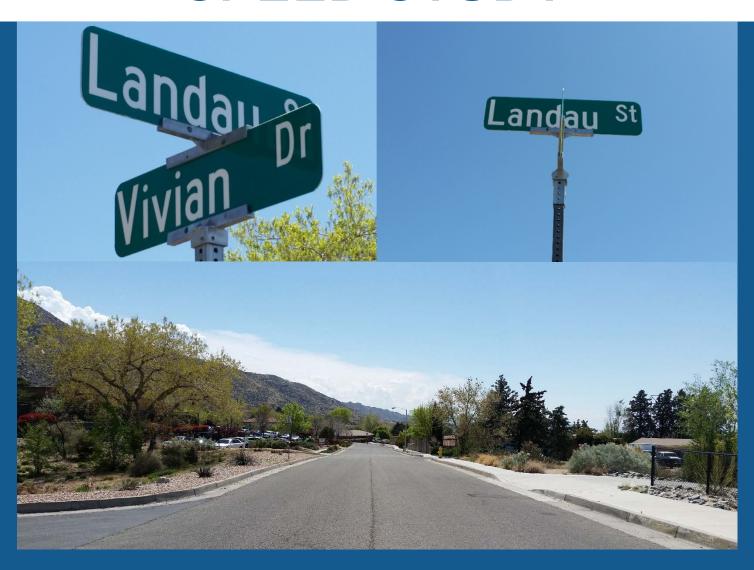
LANDAU STREET SPEED STUDY







Landau Street Speed Study Final Report

Albuquerque, New Mexico



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City of Albuquerque

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INTRODUCTION

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

1.A. PROJECT PURPOSE

A speed study on Landau Street from Magnolia Drive to Montgomery Boulevard was conducted to determine the following:

- Evaluate the 85th percentile speed along Landau Street at two (2) locations;
- Calculate average and daily peak hour traffic volumes along Landau 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 0.19 mile (1003.2 LF) section of Landau Street from Magnolia Drive to Montgomery Boulevard. Figure 1.B.1. on page 2 displays the project limits.

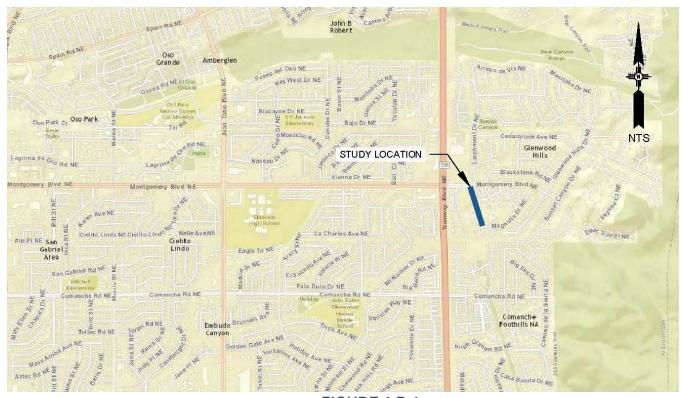


FIGURE 1.B.1
STUDY LOCATION





FIGURE 1.B.2. PROJECT 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 85th percentile speed is determined by the following formula:

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:

- Landau Street between Vivian Drive and Montgomery Boulevard;
- Landau Street between Magnolia Drive and Vivian Drive.

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 Landau Street. Within the study limits, there are 2 intersections and approximately 8 driveways that provide access to homes and a sports and wellness center.



FIGURE 2.1. COUNT LOCATIONS

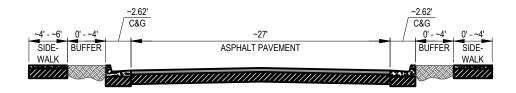




FIGURE 2.2. EXISTING TYPICAL SECTION

Engineering ◆ Environmental ◆ Surveying

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. | | |
|---------------------|---------|-------|--------|
| Landau Str | eet ADT | | |
| Count Location | NB | SB | ADT |
| Landau Street North | 840 | 849 | 1689 |
| Landau Street South | 708 | 708 | 1416 |
| Average | 774.0 | 778.5 | 1552.5 |

The Landau Street study area ADT ranges from 708 to 849 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. | |
|----------------------|--------------|--------------------------------|-------------------------|
| | Landau Stree | et Peak Hour Traffic Volumes (| vph) |
| Count Location | Peak Hour | Northbound (Peak Hour) | Southbound (Peak Hour) |
| Landau Street North | AM Peak | 99 (10:30 AM - 11:30 AM) | 107 (8:30 AM - 9:30 AM) |
| Lanuau Street North | PM Peak | 91 (5:15 PM - 6:15 PM) | 103 (5:00 PM - 6:00 PM) |
| Landau Street South | AM Peak | 80 (10:30 AM - 11:30 AM) | 88 (8:30 AM - 9:30 AM) |
| Lanuau Sireet Suutii | PM Peak | 77 (5:15 PM - 6:15 PM) | 89 (5:00 PM - 6:00 PM) |

The Landau Street study area peak hour traffic volumes range from 77 to 107 vehicles per hour.

3.C. SPEED STUDY RESULTS

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

| | Tab | le 3.C.1. | |
|-----------------|---------------------|---------------------|---------------------|
| | Landau Street | North Speed Study | |
| Speed | NB | SB | Total |
| Average | 24.9 | 25.2 | 25.0 |
| 10 mph Pace | 20.1 - 30.0 (69.3%) | 20.1 - 30.0 (70.2%) | 20.1 - 30.0 (69.7%) |
| 50th Percentile | 26.2 | 26.3 | 26.3 |
| 67th Percentile | 28.2 | 28.3 | 28.3 |
| 85th Percentile | 31.3 | 31.3 | 31.2 |

| | Tab | le 3.C.2. | |
|-----------------|---------------------|---------------------|---------------------|
| | Landau Street | South Speed Study | |
| Speed | NB | SB | Total |
| Average | 17.7 | 19.9 | 18.8 |
| 10 mph Pace | 19.9 - 29.8 (42.2%) | 20.1 - 30.0 (53.5%) | 20.1 - 30.0 (47.8%) |
| 50th Percentile | 19.4 | 22.2 | 21.2 |
| 67th Percentile | 23.4 | 25.0 | 24.2 |
| 85th Percentile | 27.7 | 28.6 | 28.3 |

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 Landau Street, roadway conditions are consistent; controlled access, satisfactory pavement conditions, two travel lanes, and on-street parking. Table 3.C.3 displays that 46 percent of the total ADT of the three count locations recorded speeds greater.

| | | Ta | able 3.B.4 | ļ | | | |
|---------------------|--------|-----------|------------|----------|--------|-------|----------|
| | | Landau St | reet ADT | > 25 mph | | | |
| Speed (mph) | 0 - 19 | .9 MPH | 20 - 24 | 4.9 MPH | ≥ 25 | MPH . | Avg. ADT |
| Landau Street North | 199.5 | 12% | 476 | 28% | 1013.5 | 60% | 1689 |
| Landau Street South | 629.5 | 44% | 374 | 26% | 412.5 | 29% | 1416 |
| Total | 829 | 27% | 850 | 27% | 1426 | 46% | 3105 |

3.D. CRASH DATA

Crash data was requested from the Mid-Region Council of Governments. The crash data requested showed there was 6 recorded crashes within the study area from 2012 to 2014.

| | | Tai | ble 3.D.1. | | |
|------|----------------------------------|----------------------------|--------------------------|-------------------------------|-------------------------------------|
| | | Landau Stre | et Crash Summary | | |
| Year | Location | Cause of Crash | Crash Analysis | Crash Severity | Crash Correct with Traffic Calming? |
| 2012 | Montgomery Blvd. / Landau St. | Improper Driving | - | Injury Crash | No |
| 2012 | Landau St. / Montgomery Blvd. | Avoid Other Vehicle | Proper Park | Property Damage Only Crash | No |
| 2012 | 4300 Landau St. | Failure to Yield | Angle - Both Straight | Property Damage Only Crash | No |
| 2012 | 4300 Landau St. | Driver Inattention | Proper Park | Property Damage Only Crash | No |
| 2012 | Landau St. / Vivian St. | Too Fast for Conditions | Parked Vehicle | Property Damage Only Crash | Yes |
| 2013 | Landau St. / Magnolia Dr. | Defective Tires | Proper Park | Injury 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 Landau 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.

5. CONCLUSION

After evaluating the volume and speed data within the project area, it is concluded that 46% of traffic is exceeding 25 mph and the 85th percentile for both the northbound and southbound at the north count location exceeds the speed limit by 5 mph or more. 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 | Yes |
| 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 | Yes |

Based on the data collected, Landau Street DOES meet two of the four warrants outlined for traffic calming criteria.

6. TRAFFIC CALMING RECOMMENDATIONS

Due to Landau Street meeting the minimum COA NMTP traffic calming measures threshold, below is a list of traffic calming recommendations. Before any traffic calming measures be implemented, a detailed traffic calming study is recommended in order to evaluate the recommendations listed below and any other traffic calming considerations for safety, level of effectiveness, maintenance, and cost measures.

- 1. New or increased speed limit signage
- 2. Centerline / edge line / lane line striping
- 3. Speed hump or speed table

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: Landau Street Speed Study

Analyst: Thaddeus Yazzie

Basic Project Information

Project Number: 6254.12 Route Name: Landau Street From: Montgomery Boulevard

To: Magnolia Drive State: New Mexico

County: Bernalillo County City: Albuquerque city

Route Type: Road Section in Developed Area

Route Status: Existing

Roadway Information

Section Length: .19 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-Collector

Number of Driveways: 8 Number of Signals: 0 Date: 04-11-2017

Crash Data Information

Crash Data Years: 3.33 Crash AADT: 1553 veh/day Total Number of Crashes: 6

Total Number of Injury Crashes: 2 Section Crash Rate: 1671 per 100 MVM Section Injury Crash Rate: 557 per 100 MVM Crash Rate Average for Similar Roads: 263 Injury Rate Average for Similar Roads: 67

Traffic Information

85th Percentile Speed: 30 mph 50th Percentile Speed: 24 mph

AADT: 1553 veh/day

On Street Parking and Usage: High Pedestrian / Bicyclist Activity: High

Project Description: Landau Street from Montgomery Blvd. to Magnolia Dr.

Recommended Speed Limit:



Note: The section crash rate of 1671 per 100 MVM is above the critical rate (1100). The injury crash rate for the section of 557 per 100 MVM is more than 30 percent above the average for similar roads (67) but below the critical rate (559). 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: Landau Street North

Station ID: Landau Street North

Info Line 1: Between vivian and Montgomery

Info Line 2 : Albuquerque

GPS Lat/Lon:

DB File: NO VIV 1NB.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 | Northbound | Ax-Ax | 4 0 ft | 6.0 ft | |

| | Lane #1 Special Speed Study Data From: 00:00 - 04/04/2017 | | | | | | | 2017 | To: 23:59 - 04/05/2017 | | | | | | | | | |
|----------|---|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------------|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------|-------|
| 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 |
| 04/04/17 | 00:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 04.3 | 03.3 | 0 | 0 |
| 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 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 05:00 | 3 | 2 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| | 06:00 | 3 | 7 | 16 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 |
| | 07:00 | 8 | 16 | 15 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43 |
| | 08:00 | 5 | 15 | 12 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 |
| | 09:00 | 8 | 11 | 19 | 9 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 48 |
| | 10:00 | 6 | 16 | 15 | 7 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 |
| | 11:00 | 4 | 18 | 21 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 49 |
| | 12:00 | 6 | 14 | 8 | 6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 |
| | 13:00 | 13 | 10 | 15 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43 |
| | 14:00 | 6 | 12 | 15 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39 |
| | 15:00 | 8 | 16 | 19 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 47 |
| | 16:00 | 9 | 13 | 12 | 16 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 51 |
| | 17:00 | 5 | 17 | 39 | 15 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 81 |
| | 18:00 | 5 | 19 | 39 | 10 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 75 |
| | 19:00 | 5 | 13 | 23 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 51 |
| | 20:00 | 3 | 19 | 28 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 56 |
| | 21:00 | 1 | 5 | 13 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| | 22:00 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| | 23:00 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| - | Total : | 99 | 226 | 322 | 118 | 14 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 782 |
| | ercent : ercent : | 13% 13% | 29% 42% | 41% 83% | 15% 98% | 2% 100% | 0% 100% | 0% 100% | 0% 100% | 0% 100% | 0% 100% | 0% 100% | 0% 100% | 0% 100% | 0% 100% | 0% 100% | 0% 100% | |
| Ouiii. F | CIOCIII. | 13/0 | 42 /0 | 00/0 | 90 /0 | 100 /0 | 100 /0 | 100 /0 | 100 /0 | 100 /0 | 100 % | 100 /0 | 100 /0 | 100 /0 | 100 /0 | 100 /0 | 10070 | |

Average Speed 24.8 mph

50% Speed: 26.1 mph

67% Speed: 28.0 mph

85% Speed: 31.0 mph

10mph Pace: 20.1 - 30.0 (70.3%)

Average:

| | | #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 | |
|-----------|-------|------------------|--------------|-------------|------------|------------|-------------------|-------------------|--------------|-------------------|-------------|-------------|-------------|--------------------|-------------|--------------------|-------|------------------|
| | _ | 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 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 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 |
| | 4:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5:00 | 1 | 4 | 6 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| | 6:00 | 2 | 5 | 22 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36 |
| | 7:00 | 9 | 13 | 18 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 47 |
| | 8:00 | 6 | 11 | 12 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39 |
| | 9:00 | 8 | 13 | 22 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 51 |
| | 0:00 | 6 | 24 | 35 | 12 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 79 |
| | 1:00 | 11 | 18 | 45 | 18 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 94 |
| | 2:00 | 9 | 19 | 20 | 10 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 |
| | 3:00 | 12 | 14 | 13 | 13 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 53 |
| | 4:00 | 4 | 23 | 17 | 6 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 53 |
| | 5:00 | 4 | 13 | 13 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39 |
| | 6:00 | 12 | 10 | 18 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 52 |
| | 7:00 | 3 | 11 | 29 | 17 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 61 |
| | 8:00 | 4 | 31 | 12 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 57 |
| | 9:00 | 11 | 11 | 24 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 53 |
| | 0:00 | 6 | 22 | 37 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 73 |
| | 1:00 | 1 | 8 | 11 | 5 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 |
| | 2:00 | 1 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 23 | 3:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Daily Tot | | 110 | 252 | 357 | 154 | 22 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 897 |
| Perc | | 12% | 28% | 40% | 17% | 2% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| Cum. Pero | | 12% | 40% | 80% | 97% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 20 |
| Avera | iye . | 5 A\ | 11 /erage | 15 Speed | 25.0 | mph | 5 | 0 0% Spe | 0 eed : 2 | 6.3 mp | 0 h | | Speed | | | | | 38 ed: 31.4 m |

10mph Pace: 20.1 - 30.0 (68.1%)

Lane #3 Configuration

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

| | | Lan | e #3 | Speci | al Sp | eed S | Study | 4/04/ | 2017 | To: | 23:59 | - 04/ | 05/20 ⁻ | 17 | | | | |
|----------|------------|------------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------|-------|
| D-1- | 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-1-1 |
| 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 |
| 04/04/17 | 00:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tue | 01:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 02:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 04:00 | 0 | 2 | 4 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| | 05:00 | 1 | 6 | 23 | 14 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 |
| | 06:00 | 1 | 7 | 12 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 |
| | 07:00 | 3 | 13 | 18 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43 |
| | 08:00 | 5 | 23 | 15 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 48 |
| | 09:00 | 9 | 15 | 31 | 8 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 65 |
| | 10:00 | 2 | 13 | 20 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 41 |
| | 11:00 | 9 | 17 | 16 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43 |
| | 12:00 | 6 | 17 | 8 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34 |
| | 13:00 | 8 | 17 | 10 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38 |
| | 14:00 | 8 | 21 | 19 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 55 |
| | 15:00 | 11 | 16 | 23 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 57 |
| | 16:00 | 6 | 24 | 38 | 11 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 84 |
| | 17:00 | 4 | 23 | 46 | 25 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 103 |
| | 18:00 | 7 | 18 | 28 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 61 |
| | 19:00 | 1 | 11 | 13 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| | 20:00 | 0 | 1 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| | 21:00 | 1 | 6 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| | 22:00 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| | 23:00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| - | Total: | 83 | 253 | 333 | 111 | 18 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 802 |
| | ercent: | 10% | 32% | 42% | 14% | 2% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| | ercent : | 10% | 42% | 83% | 97% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 24 |
| AV | erage : | | | | | | | | | | | | | | | | | |

Centurion Special Speed Study Report

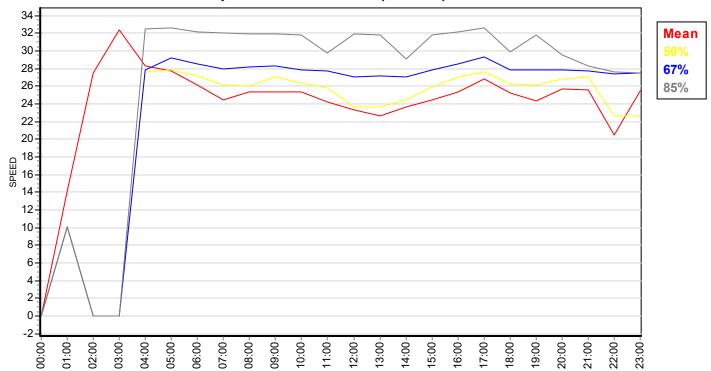
| Date | Time | #1 0 - 19.9 | #2 20 - 24.9 | #3 25 - 29.9 | #4 30 - 34.9 | #5 35 - 39.9 | #6 40 - 44.9 | #7 45 - 49.9 | #8 50 - 54.9 | #9 55 - 59.9 | #10 60 - 64.9 | #11 65 - 69.9 | #12 70 - 74.9 | #13 75 - 79.9 | #14 80 - 84.9 | #15 85 - 89.9 | #16 Other | Total |
|----------|-----------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------|----------|
| 04/05/17 | 00:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 04.3 | 03.3 | 0 | 0 | 04.3 | 00.0 | 0 | 0 |
| Wed | 01:00 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 1100 | 02:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 03:00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 04:00 | 0 | 1 | 10 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| | 05:00 | 0 | 9 | 22 | 15 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 48 |
| | 06:00 | 4 | 3 | 22 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 |
| | 07:00 | 7 | 6 | 13 | 11 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38 |
| | 08:00 | 2 | 25 | 39 | 19 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 86 |
| | 09:00 | 4 | 18 | 40 | 21 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 85 |
| | 10:00 | 5 | 16 | 23 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 55 |
| | 11:00 | 10 | 15 | 13 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 44 |
| | 12:00 | 10 | 16 | 7 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38 |
| | 13:00 | 11 | 16 | 16 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 51 |
| | 14:00 | 10 | 18 | 11 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 41 |
| | 15:00 | 7 | 13 | 27 | 12 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 61 |
| | 16:00 | 6 | 20 | 41 | 20 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 89 |
| | 17:00 | 12 | 14 | 41 | 22 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91 |
| | 18:00 | 4 | 14 | 27 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 51 |
| | 19:00 | 8 | 12 | 7 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 |
| | 20:00 | 1 | 2 | 20 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 |
| | 21:00 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| | 22:00 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| - | Total: | 107 | 221 | 379 | 172 | 13 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 896 |
| | ercent : Percent : | 12% | 25% | 42% | 19% 98% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| | erage : | 12% 4 | 37% 9 | 79% 16 | 98% 7 | 100% 1 | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% 0 | 37 |
| | - - | | | Speed | | | | | | 6.7 mp | | 67% | Speed oh Pace | : 28.5 | mph | 8 | 5% Spe | ed: 31.6 |

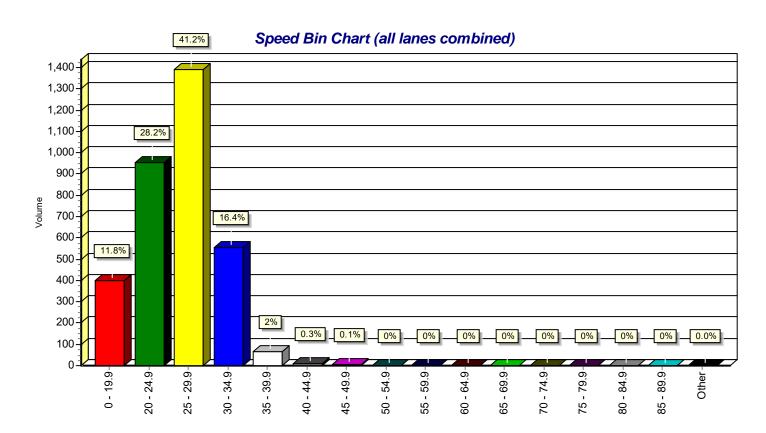
Centurion Special Speed Study Report

Special Speed Study Summary: Landau Street 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 | <i>54.9</i> | 59.9 | 64.9 | 69.9 | 74.9 | 79.9 | 84.9 | 89.9 | Other | Total |
| Grand Total #1: | 209 | 478 | 679 | 272 | 36 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1679 |
| Percent : | 12% | 28% | 40% | 16% | 2% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| Cum. Percent : | 12% | 41% | 81% | 98% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | |
| Average : | 4 | 10 | 14 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 |
| ADT = 839 | A | verage | Speed | 24.9 | mph | 5 | 0% Sp | eed: 2 | .6.2 mp | h | | Speed | | | | | ed: 31.3 mph |
| | | | | | | | | | | | TUMP | h Pace | 20.1 | - 30.0 | (09.3% |) | |
| Grand Total #3: | 190 | 474 | 712 | 283 | 31 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1698 |
| Percent : | 11% | 28% | 42% | 17% | 2% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| Cum. Percent : | 11% | 39% | 81% | 98% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | |
| Average : | 4 | 10 | 15 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36 |
| ADT = 849 | A | verage | Speed | 25.2 | mph | 5 | 0% Sp | eed: 2 | .6.3 mp | h | 67% | Speed | : 28.3 | mph | 8 | 5% Spe | ed: 31.3 mph |
| | | | | | | | | | | | 10mp | h Pace | e: 20.1 | - 30.0 | (70.2% |) | |
| Comb. Total : | 399 | 952 | 1391 | 555 | 67 | 9 | 3 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | | 3377 |
| Percent : | 12% | 28% | 41% | 16% | 2% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| Cum. Percent : | 12% | 40% | 81% | 98% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | |
| Average : | 8 | 20 | 29 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 |
| Average: 8 20 29 12 1 0 0 0 0 0 0 0 0 0 | | | | | | | | | F0/ C== | ed: 31.2 mph | | | | | | | |







Centurion Special Speed Study Report Printed: 04/06/17 Page 7

Special Speed Study Report: Landau Street South

Station ID: Landau Street South

Info Line 1: Between Magnolia and Vivian

Info Line 2 : Albuquerque

GPS Lat/Lon:

DB File: SO VIV 1NB.DB

Last Connected Device Type : Apollo Version Number : 1.62

Serial Number :

Number of Lanes: 1

Posted Speed Limit: 0.0 mph

| Lane #1 | Config | uration |
|---------|--------|---------|
| | 3 | |

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

| Lane #1 Special Speed Stud | y Data From: 00:00 - 04/04/2017 | To: 23:59 - 04/05/2017 |
|----------------------------|---------------------------------|------------------------|
|----------------------------|---------------------------------|------------------------|

| | | #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 |
| 04/04/17 | 00:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | 05:00 | 10 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| | 06:00 | 20 | 5 | 5 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 |
| | 07:00 | 17 | 11 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 33 |
| | 08:00 | 13 | 11 | 9 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37 |
| | 09:00 | 15 | 9 | 11 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37 |
| | 10:00 | 22 | 9 | 11 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 44 |
| | 11:00 | 27 | 15 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 47 |
| | 12:00 | 20 | 6 | 3 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | 13:00 | 21 | 4 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34 |
| | 14:00 | 16 | 5 | 6 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | 15:00 | 22 | 9 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39 |
| | 16:00 | 17 | 10 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37 |
| | 17:00 | 35 | 18 | 12 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 |
| | 18:00 | 25 | 20 | 12 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 |
| | 19:00 | 26 | 8 | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 46 |
| | 20:00 | 27 | 13 | 9 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 52 |
| | 21:00 | 12 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| | 22:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 23:00 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| - | Total : | 347 | 163 | 126 | 31 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 673 |
| | ercent: | 52% | 24% | 19% | 5% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| Cum. P | ercent : | 52% 14 | 76% 7 | 95% 5 | 99% 1 | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% 0 | 27 |
| Ave | ciaye . | 14 | / | 5 | 1 | U | U | U | U | U | U | U | U | U | U | U | U | 21 |

Average Speed 17.5 mph

50% Speed: 19.3 mph

67% Speed: 23.1 mph

85% Speed: 27.5 mph

10mph Pace: 19.9 - 29.8 (43.1%)

Centurion Special Speed Study Report

| | | #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 |
| 04/05/17 | 00:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wed | 01:00 | 0 | 1 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 05:00 | 9 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| | 06:00 | 17 | 7 | 5 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34 |
| | 07:00 | 11 | 11 | 7 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36 |
| | 08:00 | 14 | 12 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| | 09:00 | 23 | 8 | 6 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 |
| | 10:00 | 38 | 13 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 62 |
| | 11:00 | 33 | 19 | 16 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 73 |
| | 12:00 | 25 | 6 | 12 | 3 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 |
| | 13:00 | 16 | 6 | 9 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 |
| | 14:00 | 24 | 7 | 8 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43 |
| | 15:00 | 15 | 11 | 5 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 |
| | 16:00 | 19 | 8 | 8 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39 |
| | 17:00 | 34 | 6 | 13 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 56 |
| | 18:00 | 32 | 12 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 52 |
| | 19:00 | 22 | 15 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 46 |
| | 20:00 | 31 | 13 | 15 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 62 |
| | 21:00 | 15 | 4 | 8 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 |
| | 22:00 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Daily . | Total : | 380 | 165 | 142 | 47 | 7 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 743 |
| Р | ercent : | 51% | 22% | 19% | 6% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| | ercent: | 51% | 73% | 92% | 99% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | |
| Ave | erage : | 16 | 7 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | | Α | verage | Speed | 17.8 | mph | 5 | 0% Sp | eed: 1 | 9.4 mp | h | 67% | Speed | : 23.5 | mph | 8 | 5% Spe | ed: 28.0 |

10mph Pace: 19.9 - 29.8 (41.5%)

Lane #3 Configuration

| # Dii | r. Information | Vehicle Sensors | Sensor Spacing | Loop Length | Comment |
|-------|----------------|-----------------|----------------|-------------|---------|
| 3 | Southbound | Ax-Ax | 4 0 ft | 6.0 ft | |

| | | Lan | e #3 | Speci | al Sp | eed S | Study | 4/04/ | 2017 | To: | 23:59 | - 04 | 05/201 | 17 | | | | |
|----------|-----------|------------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|--------------------|---------------|-------------|-------------|-------------|-------|-------|
| _ | | #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 |
| 04/04/17 | 00:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tue | 01:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 02:00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 03:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 04:00 | 4 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| | 05:00 | 16 | 13 | 13 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 46 |
| | 06:00 | 5 | 8 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 |
| | 07:00 | 12 | 11 | 10 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37 |
| | 08:00 | 18 | 11 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39 |
| | 09:00 | 22 | 18 | 11 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 56 |
| | 10:00 | 17 | 7 | 7 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39 |
| | 11:00 | 17 | 10 | 10 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38 |
| | 12:00 | 10 | 8 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 |
| | 13:00 | 10 | 12 | 6 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 |
| | 14:00 | 16 | 13 | 11 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 |
| | 15:00 | 12 | 14 | 16 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 |
| | 16:00 | 18 | 16 | 21 | 11 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 68 |
| | 17:00 | 29 | 26 | 24 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 89 |
| | 18:00 | 22 | 14 | 8 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 47 |
| | 19:00 | 8 | 10 | 7 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 |
| | 20:00 | 1 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| | 21:00 | 0 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| | 22:00 | 0 | 1 | 1 | 0 | 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: | 237 | 200 | 169 | 58 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 676 |
| | ercent : | 35% | 30% | 25% | 9% | 2% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| | Percent : | 35% | 65% | 90% | 98% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | |
| Av | erage : | 10 | 8 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 |
| | | Α | verage | Speed | 20.4 | mph | 5 | 0% Sp | eed: 2 | | | l: 25.5 e: 20.1 | mph - 30.0 | | | ed: 29.0 mp | | |

Centurion Special Speed Study Report

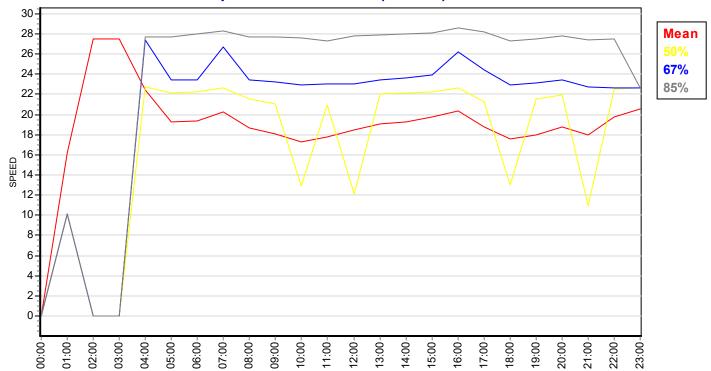
| | | #1 <i>O</i> - | #2 20 - | #3 25 - | #4 30 - | #5 35 - | #6 40 - | #7 45 - | #8 50 - | #9 55 - | #10 60 - | #11 65 - | #12 70 - | #13 75 - | #14 80 - | #15 85 - | #16 | |
|----------|----------|------------------|-------------|------------|------------|------------|------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|----------------|
| 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 |
| 04/05/17 | 00:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 04:00 | 1 | 5 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| | 05:00 | 13 | 17 | 13 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 46 |
| | 06:00 | 8 | 7 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 |
| | 07:00 | 9 | 7 | 10 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 |
| | 08:00 | 32 | 19 | 10 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 69 |
| | 09:00 | 40 | 19 | 10 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 74 |
| | 10:00 | 28 | 13 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 51 |
| | 11:00 | 15 | 9 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | 12:00 | 11 | 7 | 6 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 |
| | 13:00 | 14 | 14 | 9 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39 |
| | 14:00 | 7 | 12 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| | 15:00 | 18 | 13 | 13 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 51 |
| | 16:00 | 24 | 26 | 16 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 73 |
| | 17:00 | 33 | 26 | 16 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 81 |
| | 18:00 | 20 | 8 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38 |
| | 19:00 | 15 | 7 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 |
| | 20:00 | 4 | 9 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 |
| | 21:00 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| | 22:00 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | 23:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Daily T | otal : | 295 | 220 | 166 | 53 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 740 |
| | ercent : | 40% | 30% | 22% | 7% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| Cum. Pe | | 40% | 70% | 92% | 99% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 00 |
| Ave | rage : | 12 A | 9 verage | 7 Speed | 19.4 | mph | 50 | 0 0% Spe | 0 eed : 2 | 0 1.8 mp | 0 h | | Speed | | | | | 30 ed: 28.3 |

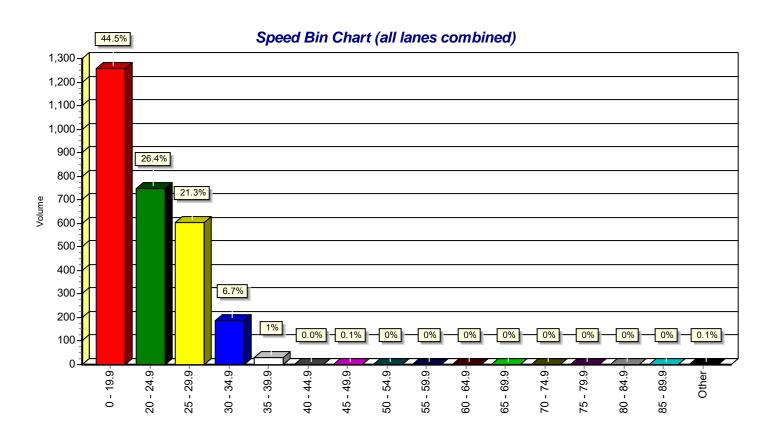
Centurion Special Speed Study Report

Special Speed Study Summary: Landau Street South

| | #1 <i>O</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 | |
|-----------------|------------------|------------|-------------------|------------|-------------------|------------|------------|------------|------------|--------------------|-------------|------------------|--------------------|-------------|--------------------|-------|--------------|
| 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: | 727 | 328 | 268 | 78 | 11 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1416 |
| Percent : | 51% | 23% | 19% | 6% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| Cum. Percent : | 51% | 75% | 93% | 99% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | |
| Average : | 15 | 7 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| ADT = 708 | A | verage | Speed | 17.7 | mph | 5 | 0% Sp | eed: 1 | 9.4 mp | h | | Speed oh Pace | | | | | ed: 27.7 mph |
| Grand Total #3: | 532 | 420 | 335 | 111 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1416 |
| Percent : | 38% | 30% | 24% | 8% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| Cum. Percent : | 38% | 67% | 91% | 99% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | |
| Average : | 11 | 9 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| ADT = 708 | A | verage | Speed | 19.9 | mph | 5 | 0% Sp | eed: 2 | 2.2 mp | h | | Speed oh Pace | | • | | | ed: 28.6 mph |
| Comb. Total : | 1259 | 748 | 603 | 189 | 28 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2832 |
| Percent : | 44% | 26% | 21% | 7% | 1% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | |
| Cum. Percent : | 44% | 71% | 92% | 99% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | |
| Average : | 26 | 16 | 13 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 |
| ADT = 1416 | A | verage | Speed | 18.8 | mph | 5 | 0% Sp | eed: 2 | .1.2 mp | h | | Speed oh Pace | | • | | | ed: 28.3 mph |







Centurion Special Speed Study Report Printed: 04/06/17 Page 7

Basic Volume Report: Landau Street North

Station ID: Landau Street North

Info Line 1: Between vivian and Montgomery

Info Line 2: Albuquerque

GPS Lat/Lon:

DB File: NO VIV 1NB.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 | Volume Mode | Volume Sensors | Divide By 2 | Comment | |
|--------|-------------|-------------|----------------|-------------|---------|--|
| 1. | Northbound | Normal | Veh. | No | | |

Lane #1 Basic Volume Data From: 00:00 - 04/04/2017 To: 23:59 - 04/05/2017

| Date | Time | :00 | :15 | :30 | :45 | Total |
|-----------|-------|-----|-----|-----|-----|-------|
| 04/04/17 | 00:00 | 0 | 0 | 0 | 0 | 0 |
| 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 | 1 | 1 |
| | 05:00 | 1 | 1 | 7 | 6 | 15 |
| | 06:00 | 8 | 8 | 12 | 7 | 35 |
| | 07:00 | 15 | 12 | 10 | 6 | 43 |
| | 08:00 | 8 | 8 | 10 | 14 | 40 |
| | 09:00 | 8 | 19 | 7 | 14 | 48 |
| | 10:00 | 9 | 13 | 17 | 6 | 45 |
| | 11:00 | 14 | 7 | 20 | 8 | 49 |
| | 12:00 | 11 | 8 | 11 | 5 | 35 |
| | 13:00 | 14 | 5 | 17 | 7 | 43 |
| | 14:00 | 10 | 10 | 10 | 9 | 39 |
| | 15:00 | 16 | 7 | 11 | 13 | 47 |
| | 16:00 | 10 | 11 | 14 | 16 | 51 |
| | 17:00 | 7 | 15 | 35 | 24 | 81 |
| | 18:00 | 17 | 14 | 20 | 24 | 75 |
| | 19:00 | 18 | 14 | 11 | 8 | 51 |
| | 20:00 | 16 | 20 | 17 | 3 | 56 |
| | 21:00 | 5 | 8 | 6 | 1 | 20 |
| | 22:00 | 3 | 0 | 0 | 1 | 4 |
| | 23:00 | 3 | 0 | 0 | 1 | 4 |
| Dav Total | : | | | | _ | 782 |

276 (35.3%)

506 (64.7%)

Day Total:

AM Total:

PM Total:

Peak AM Hour : 09:45 = 53 (6.8%)

Peak PM Hour : 17:15 =

91 (11.6%)

Peak AM Factor: 0.662 Peak PM Factor: 0.650 Average Period :
Average Hour :

8.1 32.6

Centurion Basic Volume Report Printed: 04/06/17 Page 1

Average Period :

9.3

AM Total:

363 (40.5%)

| Date | Time | :00 | :15 | :30 | :45 | Total |
|-----------|-------|-----|-----|-----|-----|-------|
| 04/05/17 | 00:00 | 0 | 0 | 0 | 0 | 0 |
| Wed | 01:00 | 1 | 0 | 0 | 0 | 1 |
| | 02:00 | 0 | 0 | 0 | 0 | 0 |
| | 03:00 | 0 | 0 | 0 | 0 | 0 |
| | 04:00 | 0 | 0 | 0 | 0 | 0 |
| | 05:00 | 0 | 1 | 6 | 9 | 16 |
| | 06:00 | 5 | 10 | 12 | 9 | 36 |
| | 07:00 | 19 | 12 | 11 | 5 | 47 |
| | 08:00 | 12 | 8 | 13 | 6 | 39 |
| | 09:00 | 12 | 12 | 13 | 14 | 51 |
| | 10:00 | 15 | 14 | 18 | 32 | 79 |
| | 11:00 | 25 | 24 | 17 | 28 | 94 |
| | 12:00 | 18 | 12 | 14 | 16 | 60 |
| | 13:00 | 9 | 15 | 17 | 12 | 53 |
| | 14:00 | 17 | 17 | 15 | 4 | 53 |
| | 15:00 | 8 | 9 | 11 | 11 | 39 |
| | 16:00 | 10 | 13 | 16 | 13 | 52 |
| | 17:00 | 11 | 14 | 19 | 17 | 61 |
| | 18:00 | 9 | 17 | 16 | 15 | 57 |
| | 19:00 | 13 | 9 | 16 | 15 | 53 |
| | 20:00 | 25 | 24 | 13 | 11 | 73 |
| | 21:00 | 7 | 10 | 3 | 7 | 27 |
| | 22:00 | 2 | 1 | 3 | 0 | 6 |
| | 23:00 | 0 | 0 | 0 | 0 | 0 |
| Day Total | | | | | _ | 897 |
| | | | | | | |

PM Total : 534 (59.5%) Peak PM Hour : 19:30 = 80 (8.9%) Peak PM Factor : 0.800 Average Hour : 37.4

99 (11.0%)

Peak AM Factor: 0.773

Peak AM Hour : 10:30 =

Centurion Basic Volume Report Printed: 04/06/17 Page 2

Lane #3 Configuration

| # Di | r. Information | Volume Mode | Volume Sensors | Divide By 2 | Comment |
|------|----------------|-------------|----------------|-------------|---------|
| 3. | Southbound | Normal | Veh. | No | |

Lane #3 Basic Volume Data From: 00:00 - 04/04/2017 To: 23:59 - 04/05/2017

| Date | Time | :00 | :15 | :30 | :45 | Total | |
|-----------|-------|-----|-----|-----|-----|-------|--|
| 04/04/17 | 00:00 | 0 | 0 | 0 | 0 | 0 | |
| Tue | 01:00 | 0 | 0 | 0 | 0 | 0 | |
| | 02:00 | 0 | 0 | 0 | 1 | 1 | |
| | 03:00 | 0 | 0 | 0 | 0 | 0 | |
| | 04:00 | 0 | 1 | 2 | 7 | 10 | |
| | 05:00 | 14 | 13 | 6 | 12 | 45 | |
| | 06:00 | 6 | 1 | 3 | 12 | 22 | |
| | 07:00 | 13 | 9 | 5 | 16 | 43 | |
| | 08:00 | 22 | 11 | 6 | 9 | 48 | |
| | 09:00 | 25 | 12 | 9 | 19 | 65 | |
| | 10:00 | 10 | 16 | 9 | 6 | 41 | |
| | 11:00 | 18 | 9 | 9 | 7 | 43 | |
| | 12:00 | 8 | 8 | 7 | 11 | 34 | |
| | 13:00 | 9 | 11 | 10 | 8 | 38 | |
| | 14:00 | 12 | 14 | 15 | 14 | 55 | |
| | 15:00 | 13 | 15 | 11 | 18 | 57 | |
| | 16:00 | 23 | 28 | 17 | 16 | 84 | |
| | 17:00 | 22 | 28 | 27 | 26 | 103 | |
| | 18:00 | 17 | 12 | 15 | 17 | 61 | |
| | 19:00 | 10 | 8 | 6 | 6 | 30 | |
| | 20:00 | 2 | 3 | 1 | 1 | 7 | |
| | 21:00 | 7 | 2 | 0 | 1 | 10 | |
| | 22:00 | 1 | 2 | 1 | 0 | 4 | |
| | 23:00 | 0 | 0 | 1 | 0 | 1 | |
| Day Total | : | | | | | 802 | |

AM Total: 318 (39.7%) Peak AM Hour : 09:00 = 65 (8.1%) Peak AM Factor: 0.650 Average Period : 8.4 484 (60.3%) PM Total: Peak PM Hour : 17:00 = 103 (12.8%) Peak PM Factor: 0.920 Average Hour: 33.4

Printed: 04/06/17 Page 3 Centurion Basic Volume Report

Average Period :

9.3

AM Total:

406 (45.3%)

| Date | Time | :00 | :15 | :30 | :45 | Total |
|-----------|-------|-----|-----|-----|-----|-------|
| 04/05/17 | 00:00 | 0 | 0 | 0 | 0 | 0 |
| Wed | 01:00 | 1 | 1 | 0 | 0 | 2 |
| | 02:00 | 0 | 0 | 0 | 0 | 0 |
| | 03:00 | 0 | 1 | 0 | 0 | 1 |
| | 04:00 | 0 | 1 | 3 | 10 | 14 |
| | 05:00 | 12 | 17 | 8 | 11 | 48 |
| | 06:00 | 11 | 6 | 3 | 13 | 33 |
| | 07:00 | 13 | 6 | 7 | 12 | 38 |
| | 08:00 | 17 | 17 | 19 | 33 | 86 |
| | 09:00 | 26 | 29 | 12 | 18 | 85 |
| | 10:00 | 12 | 13 | 16 | 14 | 55 |
| | 11:00 | 5 | 13 | 13 | 13 | 44 |
| | 12:00 | 6 | 15 | 10 | 7 | 38 |
| | 13:00 | 15 | 15 | 9 | 12 | 51 |
| | 14:00 | 8 | 8 | 9 | 16 | 41 |
| | 15:00 | 11 | 16 | 18 | 16 | 61 |
| | 16:00 | 23 | 26 | 19 | 21 | 89 |
| | 17:00 | 16 | 28 | 23 | 24 | 91 |
| | 18:00 | 18 | 11 | 9 | 13 | 51 |
| | 19:00 | 8 | 8 | 9 | 8 | 33 |
| | 20:00 | 11 | 9 | 4 | 4 | 28 |
| | 21:00 | 1 | 1 | 1 | 0 | 3 |
| | 22:00 | 1 | 1 | 1 | 1 | 4 |
| | 23:00 | 0 | 0 | 0 | 0 | 0 |
| Day Total | | | | | _ | 896 |
| | - | | | | | |

PM Total: 490 (54.7%) Peak PM Hour: 17:15 = 93 (10.4%) Peak PM Factor: 0.830 Average Hour: 37.3

107 (11.9%)

Peak AM Factor: 0.811

Peak AM Hour : 08:30 =

Centurion Basic Volume Report Printed: 04/06/17 Page 4

Basic Volume Summary: Landau Street North

| Grand Total For Data From: 00:00 - 04/04/2017 To: 23:59 - 04/05/2017 | | | | | | | | | | |
|--|------------------|---------------|-----------|----------|-----------|------------|-----------------|--------------------|--|--|
| Lane | Total Count | # Of Days A | DT Avg. F | Period / | Avg. Hour | AM 7 | Total & Percent | PM Total & Percent | | |
| #1. | 1679 (49.7%) | 2.00 | 340 | 8.7 | 35.0 | | 639 (38.1%) | 1040 (61.9%) | | |
| #3. | 1698 (50.3%) | 2.00 | 349 | 8.8 | 35.4 | | 724 (42.6%) | 974 (57.4%) | | |
| ALL | 3377 | 2.00 | 689 | 17.5 | 70.4 | | 1363 (40.4%) | 2014 (59.6%) | | |
| Lane | Peak AM Hour Da | te Peak AM F | actor | Peak P | PM Hour | Date | Peak PM Factor | | | |
| #1. | 10:30 = 99 04/0 | 05/2017 0.773 | | 17:15 = | = 91 | 04/04/2017 | 0.650 | | | |
| #3. | 08:30 = 107 04/0 | 05/2017 0.811 | | 17:00 = | = 103 | 04/04/2017 | 0.920 | | | |

Basic Volume Report: Landau Street South

Station ID: Landau Street South

Info Line 1: Between Magnolia and Vivian

Info Line 2: Albuquerque

GPS Lat/Lon:

DB File: SO VIV 1NB.DB

Last Connected Device Type: Apollo Version Number: 1.62

Serial Number:

Number of Lanes: 1

Posted Speed Limit: 0.0 mph

| Lane #1 | Configu | ıration |
|---------|---------|---------|
| | | |

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

Lane #1 Basic Volume Data From: 00:00 - 04/04/2017 To: 23:59 - 04/05/2017

| Date | Time | :00 | :15 | :30 | :45 | Total |
|-----------|-------|-----|-----|-----|-----|-------|
| 04/04/17 | 00:00 | 0 | 0 | 0 | 0 | 0 |
| 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 | 1 | 1 | 6 | 6 | 14 |
| | 06:00 | 7 | 8 | 12 | 8 | 35 |
| | 07:00 | 11 | 11 | 5 | 6 | 33 |
| | 08:00 | 8 | 7 | 10 | 12 | 37 |
| | 09:00 | 6 | 13 | 6 | 12 | 37 |
| | 10:00 | 8 | 13 | 16 | 7 | 44 |
| | 11:00 | 15 | 5 | 18 | 9 | 47 |
| | 12:00 | 7 | 8 | 12 | 4 | 31 |
| | 13:00 | 10 | 5 | 12 | 7 | 34 |
| | 14:00 | 6 | 7 | 10 | 8 | 31 |
| | 15:00 | 12 | 8 | 9 | 10 | 39 |
| | 16:00 | 6 | 10 | 8 | 13 | 37 |
| | 17:00 | 7 | 15 | 24 | 24 | 70 |
| | 18:00 | 14 | 10 | 18 | 18 | 60 |
| | 19:00 | 14 | 14 | 10 | 8 | 46 |
| | 20:00 | 14 | 20 | 16 | 2 | 52 |
| | 21:00 | 5 | 6 | 7 | 2 | 20 |
| | 22:00 | 0 | 0 | 0 | 1 | 1 |
| | 23:00 | 3 | 0 | 0 | 0 | 3 |
| Day Total | : | | | | - | 673 |

Day Total :

249 (37.0%) 51 (7.6%) AM Total: Peak AM Hour : 10:15 = Peak AM Factor: 0.708 Average Period: 7.0 424 (63.0%) PM Total: Peak PM Hour : 17:15 = 77 (11.4%) Peak PM Factor: 0.802 Average Hour: 28.0

Page 1 Printed: 04/06/17 Centurion Basic Volume Report

7.7

31.0

Average Period :

Average Hour :

AM Total:

PM Total:

291 (39.2%)

452 (60.8%)

Peak AM Hour : 10:30 =

Peak PM Hour : 19:45 =

| Date | Time | :00 | :15 | :30 | :45 | Total |
|-----------|-------|-----|-----|-----|-----|-------|
| 04/05/17 | 00:00 | 0 | 0 | 0 | 0 | 0 |
| Wed | 01:00 | 1 | 0 | 0 | 0 | 1 |
| | 02:00 | 0 | 0 | 0 | 0 | 0 |
| | 03:00 | 0 | 0 | 0 | 0 | 0 |
| | 04:00 | 0 | 0 | 0 | 0 | 0 |
| | 05:00 | 0 | 0 | 6 | 9 | 15 |
| | 06:00 | 5 | 8 | 12 | 9 | 34 |
| | 07:00 | 15 | 9 | 9 | 3 | 36 |
| | 08:00 | 10 | 7 | 9 | 4 | 30 |
| | 09:00 | 11 | 10 | 11 | 8 | 40 |
| | 10:00 | 11 | 12 | 14 | 25 | 62 |
| | 11:00 | 20 | 21 | 11 | 21 | 73 |
| | 12:00 | 15 | 10 | 12 | 13 | 50 |
| | 13:00 | 8 | 11 | 9 | 7 | 35 |
| | 14:00 | 14 | 14 | 12 | 3 | 43 |
| | 15:00 | 5 | 10 | 11 | 9 | 35 |
| | 16:00 | 9 | 7 | 13 | 10 | 39 |
| | 17:00 | 10 | 12 | 17 | 17 | 56 |
| | 18:00 | 8 | 16 | 16 | 12 | 52 |
| | 19:00 | 12 | 8 | 12 | 14 | 46 |
| | 20:00 | 21 | 17 | 13 | 11 | 62 |
| | 21:00 | 7 | 11 | 3 | 7 | 28 |
| | 22:00 | 2 | 1 | 3 | 0 | 6 |
| | 23:00 | 0 | 0 | 0 | 0 | 0 |
| Day Total | | | | | _ | 743 |

80 (10.8%)

65 (8.7%)

Peak AM Factor: 0.800

Peak PM Factor: 0.774

Lane #3 Configuration

| # Di | r. Information | Volume Mode | Volume Sensors | Divide By 2 | Comment |
|------|----------------|-------------|----------------|-------------|---------|
| 3. | Southbound | Normal | Veh. | No | |

Lane #3 Basic Volume Data From: 00:00 - 04/04/2017 To: 23:59 - 04/05/2017

| Date | Time | :00 | :15 | :30 | :45 | Total |
|-----------|-------|-----|-----|-----|-----|-------|
| 04/04/17 | 00:00 | 0 | 0 | 0 | 0 | 0 |
| Tue | 01:00 | 0 | 0 | 0 | 0 | 0 |
| | 02:00 | 0 | 0 | 0 | 1 | 1 |
| | 03:00 | 0 | 0 | 0 | 0 | 0 |
| | 04:00 | 0 | 1 | 2 | 6 | 9 |
| | 05:00 | 15 | 13 | 7 | 11 | 46 |
| | 06:00 | 6 | 1 | 3 | 9 | 19 |
| | 07:00 | 9 | 8 | 5 | 15 | 37 |
| | 08:00 | 18 | 10 | 3 | 8 | 39 |
| | 09:00 | 20 | 9 | 10 | 17 | 56 |
| | 10:00 | 9 | 15 | 8 | 7 | 39 |
| | 11:00 | 18 | 7 | 7 | 6 | 38 |
| | 12:00 | 6 | 7 | 5 | 6 | 24 |
| | 13:00 | 7 | 9 | 9 | 7 | 32 |
| | 14:00 | 10 | 12 | 13 | 10 | 45 |
| | 15:00 | 14 | 9 | 6 | 16 | 45 |
| | 16:00 | 18 | 23 | 14 | 13 | 68 |
| | 17:00 | 20 | 18 | 28 | 23 | 89 |
| | 18:00 | 10 | 11 | 12 | 14 | 47 |
| | 19:00 | 8 | 7 | 7 | 6 | 28 |
| | 20:00 | 1 | 4 | 1 | 1 | 7 |
| | 21:00 | 4 | 0 | 0 | 0 | 4 |
| | 22:00 | 1 | 0 | 1 | 0 | 2 |
| | 23:00 | 0 | 0 | 1 | 0 | 1 |
| Day Total | : | | | | | 676 |

AM Total: 284 (42.0%) Peak AM Hour : 09:00 = 56 (8.3%) Peak AM Factor: 0.700 Average Period : 7.0 PM Total: 392 (58.0%) Peak PM Hour : 17:00 = 89 (13.2%) Peak PM Factor: 0.795 Average Hour: 28.2

Printed: 04/06/17 Page 3 Centurion Basic Volume Report

| Date | Time | :00 | :15 | :30 | :45 | Total |
|-----------|-------|-----|-----|-----|-----|-------|
| 04/05/17 | 00:00 | 0 | 0 | 0 | 0 | 0 |
| Wed | 01:00 | 1 | 0 | 0 | 0 | 1 |
| | 02:00 | 0 | 0 | 0 | 0 | 0 |
| | 03:00 | 0 | 1 | 0 | 0 | 1 |
| | 04:00 | 0 | 1 | 3 | 10 | 14 |
| | 05:00 | 11 | 16 | 9 | 10 | 46 |
| | 06:00 | 10 | 6 | 2 | 10 | 28 |
| | 07:00 | 8 | 6 | 6 | 12 | 32 |
| | 08:00 | 13 | 14 | 15 | 27 | 69 |
| | 09:00 | 20 | 26 | 11 | 17 | 74 |
| | 10:00 | 10 | 12 | 17 | 12 | 51 |
| | 11:00 | 0 | 9 | 11 | 11 | 31 |
| | 12:00 | 5 | 10 | 5 | 6 | 26 |
| | 13:00 | 12 | 10 | 8 | 9 | 39 |
| | 14:00 | 4 | 8 | 7 | 10 | 29 |
| | 15:00 | 8 | 17 | 16 | 10 | 51 |
| | 16:00 | 17 | 21 | 18 | 17 | 73 |
| | 17:00 | 13 | 25 | 21 | 22 | 81 |
| | 18:00 | 13 | 7 | 8 | 10 | 38 |
| | 19:00 | 5 | 5 | 9 | 9 | 28 |
| | 20:00 | 9 | 8 | 3 | 3 | 23 |
| | 21:00 | 1 | 2 | 0 | 0 | 3 |
| | 22:00 | 1 | 1 | 0 | 0 | 2 |
| | 23:00 | 0 | 0 | 0 | 0 | 0 |
| Day Total | | | | | _ | 740 |

 AM Total :
 347 (46.9%)
 Peak AM Hour : 08:30 =
 88 (11.9%)
 Peak AM Factor : 0.815
 Average Period :
 7.7

 PM Total :
 393 (53.1%)
 Peak PM Hour : 17:00 =
 81 (10.9%)
 Peak PM Factor : 0.810
 Average Hour :
 30.8

Basic Volume Summary: Landau Street South

| Lane | Total Count | # Of Days | ADT | Avg. Period | Avg. Hour | AM Total & Percent | PM Total & Percent |
|------|--------------|-----------|-----|-------------|-----------|--------------------|--------------------|
| #1. | 1416 (50.0%) | 2.00 | 708 | 7.4 | 29.5 | 540 (38.1%) | 876 (61.9%) |

Grand Total For Data From: 00:00 - 04/04/2017 To: 23:59 - 04/05/2017

| #1. | 1410 (50.0%) | 2.00 | 700 | 7.4 | 29.5 | 540 (56.1%) | 070 (01.9%) |
|-----|--------------|------|------|------|------|--------------|--------------|
| #3. | 1416 (50.0%) | 2.00 | 708 | 7.4 | 29.5 | 631 (44.6%) | 785 (55.4%) |
| ALL | 2832 | 2.00 | 1416 | 14.8 | 59.0 | 1171 (41.3%) | 1661 (58.7%) |

| Lane | Peak AM H | our | Date | Peak AM Factor | Peak PM H | our | Date | Peak PM Factor | |
|------|-----------|-----|------------|----------------|-----------|-----|------------|----------------|--|
| #1. | 10:30 = | 80 | 04/05/2017 | 0.800 | 17:15 = | 77 | 04/04/2017 | 0.802 | |
| #3. | 08:30 = | 88 | 04/05/2017 | 0.815 | 17:00 = | 89 | 04/04/2017 | 0.795 | |

Appendix C



| ODJECTIO | DomontiDCt | Data | Crack Data | Voor |
|----------|--------------------|------------|------------|--------------------|
| OBJECTID | ReportIDSt | Date | CrashDate | Year |
| 300157 | 12.710114061 | 10/11/2012 | 20121011 | 2012 |
| 300158 | 12.23310221 | 7/14/2012 | 20120714 | 2012 |
| 300169 | 12.710114221 | 6/27/2012 | 20120627 | 2012 |
| 300170 | 12.23310125 | 7/17/2012 | 20120717 | 2012 |
| 300171 | 12.23312066 | 7/14/2012 | 20120714 | 2012 |
| 344787 | 14.710207508 | 8/7/2014 | 20140807 | 2014 |
| OBJECTID | Day | Month | Time24 | Hour24 |
| 300157 | 5 | 10 | 940 | 9 |
| 300158 | 7 | 7 | 1100 | 11 |
| 300169 | 4 | 6 | 1802 | 18 |
| 300170 | 3 | 7 | 900 | 9 |
| 300171 | 7 | 7 | 1120 | 11 |
| 344787 | 5 | 8 | 1615 | 16 |
| OBJECTID | Agency | County | City | AStreet |
| 300157 | 3 | 1 | 7825 | MONTGOMERY BLVD NE |
| 300158 | 45 | 1 | 7825 | LANDAU ST NE |
| 300169 | 3 | 1 | 7825 | 4300 LANDAU ST NE |
| 300170 | 45 | 1 | 7825 | 4300 LANDAU ST NE |
| 300171 | 45 | 1 | 7825 | LANDAU ST NE |
| 344787 | 3 | 1 | 7825 | LANDAU ST NE |
| OBJECTID | BStreet | Landmark | Route | MilePost |
| 300157 | LANDAU ST NE | | | 0 |
| 300158 | MONTGOMERY BLVD NE | | | 0 |
| 300169 | LANDAU ST NE | | | 0 |
| 300170 | LANDAU ST NE | | | 0 |
| 300171 | VIVIAN DR NE | | | 0 |
| 344787 | MAGNOLIA DR NE | | | 0 |
| OBJECTID | NumVeh | NumPersons | NumKilled | NumClassA |
| 300157 | 1 | 1 | 0 | 1 |
| 300158 | 2 | 2 | 0 | 0 |
| 300169 | 2 | 4 | 0 | 0 |
| 300103 | 2 | 2 | 0 | 0 |
| 300170 | 2 | 2 | 0 | 0 |
| 344787 | 2 | 2 | 0 | 0 |
| 3.1707 | - | - | U | • |

| OBJECTID | NumClassB | NumClassC | NumInjured | NumUnhurt |
|----------|----------------------|----------------|--------------------------|-------------------------|
| 300157 | 0 | 0 | 1 | 0 |
| 300158 | 0 | 0 | 0 | 2 |
| 300169 | 0 | 0 | 0 | 4 |
| 300170 | 0 | 0 | 0 | 2 |
| 300171 | 0 | 0 | 0 | 2 |
| 344787 | 0 | 2 | 2 | 0 |
| 311707 | Ü | _ | - | · · |
| OBJECTID | Severity | Class | Analysis | TOPCACC |
| 300157 | Injury Crash | Other Object | | Improper Driving |
| | Property Damage Only | | | |
| 300158 | Crash | Parked Vehicle | Proper Park | Avoid Other Vehicle |
| | Property Damage Only | | · | |
| 300169 | Crash | Other Vehicle | Angle-Both Right | Failure to Yield |
| | Property Damage Only | | 0 | |
| 300170 | Crash | Parked Vehicle | Proper Park | Driver Inattention |
| | Property Damage Only | | • | |
| 300171 | Crash | Parked Vehicle | Parked Veh-Unk | Too Fast for Conditions |
| | | | Vehicle Parked in Proper | |
| 344787 | Injury Crash | Parked Vehicle | Location | Defective Tires |
| | , a y - c. ac | | 2000.0 | 20.000.10 100 |
| OBJECTID | Weather | Lighting | ALCInv | DRUGInv |
| 300157 | 1 | 6 | T | T |
| 300158 | 1 | 1 | T | T |
| 300169 | 1 | 1 | T | Т |
| 300170 | 1 | 1 | T | Т |
| 300171 | 1 | 1 | Т | Т |
| 344787 | 1 | 1 | F | F |
| | | | | |
| OBJECTID | PEDInv | MCInv | PECInv | TrkInv |
| 300157 | F | F | F | F |
| 300158 | F | F | F | F |
| 300169 | F | F | F | F |
| 300170 | F | F | F | F |
| 300171 | F | F | F | F |
| 344787 | F | F | F | F |
| | | | | |
| OBJECTID | HZInv | HitRun | SHTDProp | System |
| 300157 | F | F | 0 | 2 |
| 300158 | F | F | 0 | 2 |
| 300169 | F | F | 0 | 2 |
| 300170 | F | Т | 0 | 2 |
| 300171 | F | F | 0 | 2 |
| 344787 | F | F | 0 | 2 |
| | | - | - | - |

| OBJECTID | MaxDam | RoadRel | Character | Grade |
|----------|----------|---------|------------|-----------|
| 300157 | 0 | T | F | 9 |
| 300158 | 0 | T | F | 8 |
| 300169 | 0 | T | F | 8 |
| 300170 | 0 | T | Т | 7 |
| 300171 | 0 | T | F | 8 |
| 344787 | 1 | Т | F | 8 |
| | | | | |
| OBJECTID | NonLocal | Measure | MeasureUni | Direction |
| 300157 | 0 | | | Е |
| 300158 | 0 | | | S |
| 300169 | 0 | | | |
| 300170 | 0 | | | |
| 300171 | 0 | | | |
| 344787 | 2 | | 99 | |
| | | | | |
| OBJECTID | TranDist | | | |
| 300157 | 3 | | | |
| 300158 | 3 | | | |
| 300169 | 3 | | | |
| 300170 | 3 | | | |
| 300171 | 3 | | | |
| 344787 | 3 | | | |

