2013 CITY-WIDE SPEED ZONE SURVEYS ENGINEERING AND TRAFFIC SURVEYS

For

CITY OF PALM SPRINGS

October 8, 2013



Civil Number: 22338

Approved by:
David Barakian
City Engineer

Date: 10-8-2013

Signature: Bel Elevel

Date: 10/9/13

Signature: Bal___

Submitted By:

Submitted To:

Darnell & Associates, Inc. 2870 Fourth Avenue, Suite A San Diego, CA 92103 City of Palm Springs 3200 E. Tahquitz Canyon Way Palm Springs, CA 92262

Darnell & ASSOCIATES, INC.

TRANSPORTATION PLANNING & TRAFFIC ENGINEERING

October 8, 2013

David Barakian
City Engineer
City of Palm Springs
3200 E. Tahquitz Canyon Way,
Palm Springs, CA 92262

D&A No. 130103

Subject

2013 Citywide Speed Surveys

Dear Mr. Barakian,

Darnell & Associates, Inc. (D&A) has completed its Engineering and Traffic Survey of roadways within the City of Palm Springs. The surveys include collection of speeds on roadways, accident, characteristics of roadways, identification of conditions not apparent to motorists and identification of Residence and Business Districts Prima Facia 25 MPH speed limits

This report constitutes an Engineering and Traffic Study of speed limits within the City of Palm Springs. The existing speed limits were reviewed for adequacy in terms of adjacent land use, functional classification, traffic demands, speed surveys along individual roadways and speed limit continuity with neighboring jurisdictions. Traffic and roadside conditions not readily apparent to motorists were also considered. The following reference materials were also used in preparation of the Engineering and Traffic Study:

- California Vehicle Code California Department of Motor Vehicles, Sacramento;
- California Manual on Uniform Traffic Control Devices (CAMUTCD) Dated January 13, 2012;
- Traffic Manual State of California, Department of Transportation, Sacramento, California, Chapter 8, Section 803.1 through 803.4; as noted and referred to by the CAMUTCD.
- California Traffic Operations Policy Directive and Procedure for Setting Speed Limits in California issued June 29, 2009.

Darnell & Associates, Inc. was retained by the City of Palm Springs to prepare this report. I Bill E. Darnell do hereby certify that I am a Registered Civil Engineer and Traffic Engineer in the State of California. Darnell & Associates, Inc. has concluded this study for the City of Palm Springs, and this study was prepared under my direction. The contents of this Engineering and Traffic Study are true and accurate to the best of my knowledge.

If you have any questions, please feel free to contact this office.

Sincerely,

Darnell & Associates, Inc.

Date Signed:

10/8/2013

Bill E Darnell, P.E.

Firm Principal RCE 22338

BED/iam

130103 -City of Palm Springs - Citywide Speed Survey-10-2013.doc

I, David Barakian, do hereby certify that I am the City Engineer for the City of Palm Springs; and that this report has been prepared under my supervision and its contents are true and accurate to the best of my knowledge.

David Barakian, P.E.

City Engineer

Date



2013 CITY-WIDE SPEED SURVEYS ENGINEERING AND TRAFFIC STUDY

For

CITY OF PALM SPRINGS

Submitted To:

City of Palm Springs 3200 E. Tahquitz Canyon Way, Palm Springs, CA 92262

Prepared by:

Darnell & Associates, Inc. 2870 Fourth Avenue, Suite A San Diego, California 92103 619-233-9373

October 8, 2013

TABLE OF CONTENTS

| 1 |
|----|
| 8 |
| 19 |
| 15 |
| |
| 3 |
| 9 |
| 11 |
| |

APPENDICES

APPENDIX A

CAMUTCD Criteria

APPENDIX B

> California Vehicle Code Regulations

APPENDIX C

> Spot Speed Surveys by Location

SECTION I - INTRODUCTION

The City of Palm Springs, in conformance with the California Vehicle Code, has requested the following speed survey for selected roadways within the City. Section 40802 of the California Vehicle Code requires that an Engineering and Traffic Survey be conducted every five (5) years unless extended to seven years or ten years (with no significant changes certified). These sections of the California Vehicle Code are included in the attachments. An Engineering and Traffic Survey is needed on all streets where the enforcement of speed limits involves the use of radar or other electronic devices that measure the speed of moving vehicles.

An Engineering and Traffic Survey is defined in Section 627 of the Vehicle Code as a survey which shall include consideration of the following traffic engineering measurements:

- 1. Actual prevailing speeds as determined by traffic engineering measurements;
- 2. Accident records; and
- 3. Highway, traffic and roadside conditions not readily apparent to the driver.

The purpose of this report is to document the results of an engineering and traffic survey conducted to update the speed limits on a portion of the City of Palm Springs arterial and collector street network. The overall study was conducted to comply with existing State regulations concerning the increasing or decreasing of speed limits within City boundaries.

It is a common belief that posting of speed limit traffic signs will influence drivers to drive at that speed. However, the facts indicate otherwise. Driver behavioral research conducted in many parts of this country over a span of several decades' shows that the average driver is influenced by the appearance of the highway itself and the prevailing traffic conditions in choosing the speed at which he or she drives. Recognizing this, the California Vehicle Code (CVC) requires that speed limits be established in accordance with appropriate engineering practice and methods.

This report contains sufficient information to document that the conditions of the latest edition of the California Vehicle Code Section 627 have been satisfied and that other conditions not readily apparent to a motorist are properly identified. To legally use radar for speed enforcement, Section 40802(b) of the CVC requires that limits be established per Sections 627 and 22358.5 of the CVC, the limits must be justified by an engineering and traffic survey conducted within seven(7) or ten (10) years as defined by CVC prior to the date of the alleged violation. The latest edition of the CVC has highlighted bicycle and pedestrian safety as part of the traffic and engineering survey, and this aspect was considered.

The speed limits to be established must satisfy the California Manual of Traffic Control Devices (MUTCD) 2012 Edition dated January 13, 2012. The MUTCD has established the standards for establishing speed limits that will be enforced by the use of RADAR. The standards are as follows:

- It shall be established at the nearest 5 mile per hour (mph) increment of the 85th percentile of free-flowing traffic except as follows:
 - 1. The posted speed may be reduced by 5 mph from the nearest increment of the 85th percentile speed when the Engineering and Traffic Survey (E&TS) documents conditions and justification for the lower speed limit.

2. For cases in which the nearest 85th percentile speed would require a rounding up (ie 33 mph goes to 35 mph), the speed limit may be rounded down (ie 33 mph goes to 30 mph) then if no further reduction is used.

The CAMUTCD 2012 criteria have been used in formulation of the recommended speeds.

According to the City records, the last speed zone surveys were conducted in 2007. The current study will verify, increase or decrease existing speed limits within the City of Palm Springs based on the data and the results of this survey. Table 1 presents the Speed Survey Locations.

At 136 locations on the City's arterial and collector street network, spot speed surveys were taken in conformance with the State law for conducting engineering and traffic surveys for the purpose of establishing prima facie speed limits. The data was collected per the California Manual of Uniform Traffic Control Devices (MUTCD) 2012 Edition. Sections of the MUTCD detailing regulations for conducting the required "Engineering and Traffic Survey" are presented in Appendix A. Also in Appendix A are definitions of terms used in speed zone surveys. Excerpts from the CVC regarding regulations governing speed limits are presented in Appendix B. The actual speed zone surveys were conducted by Pacific Technical Data, Darnell & Associates, Inc. and were supervised and reviewed by Mr. Bill E. Darnell a California registered Traffic Engineer from Darnell & Associates, Inc. who also surveyed and drove the streets.

| | Table | 1 – Speed Survey Locations |
|------------------|-------|---------------------------------------|
| | 1 | West End to Via Miraleste |
| Alete Deed | 2 | Via Miraleste to Avenida Caballeros |
| Alejo Road | 3 | Avenida Caballeros to Sunrise Way |
| | 4 | Sunrise Way to Farrell Drive |
| | 5 | Indian Canyon to Avenida Caballeros |
| Amado Road | 6 | Avenida Caballeros to Sunrise Way |
| | 7 | Sunrise Way to Farrell Drive |
| Arenas Road | 8 | Indian Canyon Drive to Calle Encilia |
| | 9 | Calle Encilia to Calle El Segundo |
| | 10 | San Rafael Drive to Vista Chino |
| | 11 | Vista Chino to Tachevah Drive |
| Avenida | 12 | Tachevah Drive to Tamarisk |
| Caballeros | 13 | Tamarisk to Alejo Road |
| | 14 | Alejo Road to Tahquitz Canyon Way |
| | 15 | Tahquitz Canyon Way to Ramon Road |
| | 16 | Avenida Caballeros to Sunrise Way |
| Baristo Road | 17 | Sunrise Way to Farrell Drive |
| | 18 | Farrell Drive to El Cielo Road |
| Barona Road | 19 | East Palm Canyon to South End |
| Belardo Road | 20 | Ramon Road to Sunny Dunes Road |
| Delai do Road | 21 | Sunny Dunes Road to S. Belardo Road |
| Pagant Tunit | 22 | South Palm Canyon to Palm Canyon Wash |
| Bogert Trail | 23 | Palm Canyon Wash to South End |
| | 24 | Alejo Road to Amado Road |
| Calle El Segundo | 25 | Amado Road to Tahquitz Canyon Way |
| - | 26 | Tahquitz Canyon Way to Ramon Road |

| | Table 1 - | - Speed Survey Locations (cont.) |
|---------------------------|-----------|---|
| | 27 | Alejo Road to Amado Road |
| | 28 | Amado Road to Tahquitz Canyon Way |
| Calle Encilia | 29 | Tahquitz Canyon Way to Arenas Road |
| | 30 | Arenas Road to Ramon Road |
| | 31 | East Palm Canyon to La Verne Way |
| Camino Real | 32 | La Verne Way to Avenida Granada |
| | 33 | Avenida Granada to Murray Canyon |
| | 34 | Aviation Way to Tahquitz Canyon Drive |
| Civic Drive | 35 | Tahquitz Canyon Way to Baristo Road |
| Crossley Road | 36 | Ramon Road to 34th |
| Dillon Road | 37 | Diablo to Melissa |
| | 38 | S Palm Canyon Drive to Sunrise Way |
| | 39 | Sunrise Way to Farrell Drive |
| East Palm Canyon Drive | 40 | Farrell Drive to Rim Road |
| | 41 | Rim Road to Cherokee Way |
| | 42 | Cherokee Way to Gene Autry Trail |
| | 43 | Tahquitz Canyon Way to Ramon Road |
| El Cielo Road | 44 | Ramon Road to Mesquite Avenue |
| | 45 | Mesquite Avenue to Escoba Drive |
| Escoba Drive | 46 | El Ciclo Road to East Palm Canyon Drive |
| | 47 | Racquet Club Drive to Vista Chino |
| | 48 | Vista Chino to Tamarisk |
| Farrell Drive | 49 | Tamarisk to Alejo Road |
| | 50 | Alejo Road to Tahquitz Canyon Way |
| | 51 | Tahquitz Canyon Way to Ramon Road |
| | 52 | Ramon Road to Mesquite Avenue |

| | Table 1 - | - Speed Survey Locations (cont.) | | | | | | |
|---------------------------|-----------|--|--|--|--|--|--|--|
| Garnet Road | 53 | Mesquite Avenue to East Palm Canyon Drive | | | | | | |
| Garnet Road | 54 | Indian Canyon to West City Limits | | | | | | |
| Gene Autry Trail | 55 | 1-10 to Vista Chino | | | | | | |
| Golf Club Drive | 56 | Avenue 34 to Palm Canyon Wash | | | | | | |
| | 57 | Palm Canyon Wash to E. Palm Canyon Drive | | | | | | |
| | 58 | 18th to I-10 | | | | | | |
| | 59 | 1-10 to Tramview Road | | | | | | |
| | 60 | Tramview Road to San Rafael Drive | | | | | | |
| | 61 | San Rafael Drive to Racquet Club | | | | | | |
| | 62 | Racquet Club Drive to Vista Chino | | | | | | |
| N. Indian Canyon Drive | 63 | Vista Chino to Tachevah Drive | | | | | | |
| | 64 | Tachevah Drive to Alejo Road | | | | | | |
| | 65 | Alejo Road to Amado Road | | | | | | |
| | 66 | Amado Road to Andreas Road | | | | | | |
| | 67 | Andreas Road to Tahquitz Canyon Way | | | | | | |
| S. Indian Canyon | 68 | Tahquitz Canyon Way to Arenas Road | | | | | | |
| Drive | 69 | Arenas Road to Ramon Road | | | | | | |
| | 70 | East Palm Canyon Drive to Camino Real | | | | | | |
| La Verne Way | 71 | Camino Real to Calle Palo Fierro | | | | | | |
| | 72 | Calle Palo Fierro to South Palm Canyon Drive | | | | | | |
| | 73 | West End to South Palm Canyon Drive | | | | | | |
| | 74 | South Palm Canyon Drive to Camino Real | | | | | | |
| | 75 | Camino Real to Sunrise Way | | | | | | |
| Mesquite Avenue | 76 | Sunrise Way to Farrell Drive | | | | | | |
| | 77 | El Cielo Road to Vella Road | | | | | | |
| | 78 | Vella Road to Gene Autry Trail | | | | | | |
| <u></u> | 79 | Crossley Road to East City Limits | | | | | | |
| Dinah Shore Drive | 80 | Gene Autry Trail to Crossley Road | | | | | | |

| | Table 1 - | - Speed Survey Locations (cont.) |
|-----------------------|-----------|---|
| Миггау Сапуон | 81 | South Palm Canyon Drive to Camino Real |
| moral canyon | 82 | Camino Real to Toledo Avenue |
| North Palm | 83 | Vista Chino to Tachevah Drive |
| Canyon Drive | 84 | Tachevah Drive to Alejo Road |
| Paseo Dorotea | 85 | Ramon Road to Mesquite Avenue |
| | 86 | North Palm Canyon Drive to Indian Canyon |
| Racquet Club | 87 | Indian Canyon to Avenida Caballeros |
| • | 88 | Avenida Caballeros to Sunrise Way |
| *** | 89 | Sunrise Way to Farrell Drive |
| | 90 | West End to South Palm Canyon Drive |
| | 91 | South Palm Canyon Drive to Avenida Caballeros |
| | 92 | Avenida Caballeros to Sunrise Way |
| | 93 | Sunrise Way to Farrell Drive |
| Ramon Road | 94 | Farrell Drive to El Cielo Road |
| | 95 | El Cielo Road to Gene Autry Trail |
| | 96 | Gene Autry Trail to San Luis Rey Drive |
| | 97 | San Luis Rey Drive to East City Limit |
| San Luis Rey Drive | 98 | Ramon Road to Mesquite Avenue |
| | 99 | North Palm Canyon Drive to Virginia Road |
| San Rafael Drive | 100 | Virginia Road to Indian Canyon Drive |
| oan Raider Dive | 101 | Indian Canyon Drive to Avenida Caballeros |
| | 102 | Avenida Caballeros to Sunrise Way |
| | 103 | Ramon Road to Mesquite Avenue |
| Ĺ | 104 | Mesquite Avenue to East Palm Canyon Drive |
| South Palm | 105 | East Palm Canyon Drive to La Verne Way |
| Canyon Drive | 106 | La Verne Way to Avenida Granada |
| | 107 | Avenida Granada to Bogert Trail |

| | Table 1 - | - Speed Survey Locations (cont.) |
|------------------------|-----------|--|
| | 108 | Belardo Road to South Palm Canyon Drive |
| | 109 | South Palm Canyon Drive to Calle Palo Fierro |
| | 110 | Calle Palo Fierro to Sunrise Way |
| Sunny Dunes Road | 111 | Compadre Way to El Cielo Road |
| | 112 | El Cielo Road to Paseo Dorotea |
| | 113 | Paseo Dorotea to Gene Autry Trail |
| | 114 | Gene Autry Trail to Crossley Road |
| | 115 | North End to Racquet Club Drive |
| | 116 | Racquet Club Drive to Vista Chino |
| , , | 117 | Vista Chino to Tachevah Drive |
| Sunrise Way | 118 | Tachevah Drive to Alejo Road |
| Sunrisc way | 119 | Alejo Road to Tahquitz Canyon Way |
| : | 120 | Tahquitz Canyon Way to Ramon Road |
| | 121 | Ramon Road to Mesquite Avenue |
| | 122 | Mesquite Avenue to East Palm Canyon Drive |
| | 123 | Indian Canyon Drive to Via Miraleste |
| Tachevah Drive | 124 | Via Miraleste to Avenida Caballeros |
| | 125 | Avenida Caballeros to Sunrise Way |
| | 126 | Sunrise Way to Farrell Drive |
| [| 127 | Indian Canyon Drive to Calle El Segundo |
| m.r. 4. 6 | 128 | Calle El Segundo to Avenida Caballeros |
| Tahquitz Canyon Way | 129 | Avenida Caballeros to Sunrise Way |
| [| 130 | Sunrise Way to Farrell Drive |
| · | 131 | Farrell Drive to El Cielo Road |
| Tipton Road | 132 | Hwy 111 to Wendy Road |
| • . | 133 | Wendy Road to 1-10 |
| Toledo Avenue | 134 | La Verne Way to Mesquite Avenue |
| Veila Road | 135 | Ramon Road to Mesquite Avenue |
| Vista Chino | 136 | Gene Autry Trail to East City Limits |

SECTION II - STUDY METHODOLOGY

The procedures used for an Engineering and Traffic Survey is based on the provisions of Section 627 of the California Vehicle Code and the California MUTCD, January 2012 Edition. These documents represent a substantial change from the previous survey conducted in 2007, although the basic survey still includes the following:

- Measurement of Actual Prevailing Speeds;
- · Accident Records; and
- Traffic and Roadside Conditions.

The following Sections of this report will address Survey Analysis, Recommendations and the Certification Sheets for each roadway.

To determine the recommended speed limits to be posted this Engineering and Traffic Survey (E&TS) Darnell and Associates, Inc. has also collected 24 hour machine counts, analyzed accident history for 2010 and 2012 and conducted speed surveys on each of the roadway segments. Spot Speed Surveys utilizing a calibrated radar gun, were collected at 136 street segments. A minimum of 100 observations in each direction during non-peak times (where possible) were recorded on all the arterial and secondary arterial streets. The survey data was used to calculate statistical information such as the 85th percentile speed, 10 mile per hour pace speed, median speed and other pertinent data for the analysis.

Accident data was tabulated from the City's Accident Records (Crossroads) for the period from January 1, 2011 thru December 31, 2012 (2 year) for each roadway segment. The accident rate was calculated and considered in recommending the speed limit. The City's crossroads accident program was utilized to calculate the accident rate.

The accident data was analyzed and the accident rate was calculated for each roadway segment. The accident analysis included the identification of speed related accidents. Table 2 presents the Speed Zone and Accident Survey Analysis. Also presented on Table 3 are the recommended speeds for each segment. The table included the recommended comments for the justification of the recommended speeds. The results of the speed survey, accident analysis was then prepared for each of the 136 segment surveys. The results are summarized on Table 3 on summarizing the characteristics for each roadway segment, including speed surveys 85th percentile speeds, 10 mile per hour pace and the existing posted speed.

| | | Table 2 - 2013 Speed Zor | ne Survey - | Accident Su | rvev Analysis | | | |
|-----------------------------|---|---|----------------|--------------|------------------|------------------|--|--------------|
| Street | No. | • | Distance | Distance | ADT | Accidents | Accident | Expected |
| Street | | Location | (feet) | (mi) | 2013 | 4 yrs Total | Rate | Acc. Rate |
| | 3 | West End to Indian Canyon Drive | 1,584 | 0.30 | 3,980 | 0 | 0,00 | 3.55 |
| Alejo Road | 2 | Indian Canyon Drive to Avenida Caballeros | 3,010 | 0.57 | 5,439 | 0 | 0.00 | 2.3 |
| | 3 | Avenida Caballeros to Sunrise Way Sunrise Way to Farrell Drive | 2,640 3,010 | 0.50 0.57 | 5,009 3,965 | 0 | 0.00 | 2.3 2.3 |
| | 5 | Indian Canyon to Avenida Caballeros | 2,640 | 0.50 | 3,396 | 1 | 0.81 | 3,55 |
| Amado Road | 6 | Avenida Caballeros to Sunrise Way | 2,640 | 0.50 | 3,319 | 0 | 0.00 | 3.55 |
| | 7 | Sunrise Way to Farrell Drive | 3,062 | 0,58 | 1,741 | 0 | 0.00 | 3,55 |
| Arenas Road | 8 | Indian Canyon Drive to Calle Encilla Calle Encilla to Calle El Segundo | 580 586 | 0.11 0.11 | 2,241 1,469 | 0 | 0.00 8.47 | 2.3 2.3 |
| | 10 | San Rafael Drive to Vista Chino | 5,333 | 1,01 | 3,408 | 1 | 0.40 | 3.55 |
| | 11 | Vista Chino to Tachevah Drive | 2,640 | 0.50 | 4,281 | 1. | 0.64 | 3.55 |
| Avenida Caballeros | 12 | Tachevah Driveto Tamarisk | 1,320 | 0.25 | 4,122 | 1 | 1,33 | 3.55 |
| | 13 - 14 | Tamarisk to Alejo Road Alejo Road to Tahquitz Canyon Way | 1,373 2,587 | 0.26 0.49 | 4,178 4,331 | 1 1 | 1.26 0.65 | 3.55 3.55 |
| | 15 | Tahquitz Canyon Way to Ramon Road | 2,587 | 0.49 | 4,202 | o | 0,00 | 3.55 |
| Baristo Road | 16 | Avenida Caballeros to Sunrise Way | 2,640 | 0.50 | 2,450 | 0 | 0.00 | 3,55 |
| | 17 | Sunnise Way to Farrell Drive | 3,062 | 0.58 | 5,103 | 0 | 0.00 | 3.55 |
| Danie Band | 18 | Farrell Drive to El Cielo Road | 2,270 | 0.43 | 4,777 748 | 0 | 0.00 | 3.55 1.98 |
| Barona Road Belardo Road | 19 20 | East Palm Canyon to South End Ramon Road to Sunny Dunes Road | 2,693 1,328 | 0.51 0.25 | 748 2,593 | 1 | 2,10 | 1,98 |
| | 21 | Sunny Dunes Road to S. Belardo Road | 2,357 | 0.45 | 1,839 | 0 | 0,00 | 1.98 |
| Bogert Trail | 22 | South Palm Canyon to Palm Canyon Wash | 4,963 | 0.94 | 2,682 | 1 | 0,54 | 3.55 |
| | 23 | Palm Canyon Wash to South End | 4,910 | 0.93 | 1,701 | 1 | 0.87 | 3.55 |
| | 24 | Alejo Road to Amado Road | 1,320 | 0.25 | 2,324 | 1 | 2.36 | 3.55 |
| Calle El Segundo | 25 | Amado Road to Tahquitz Canyon Way | 1,320 | 0.25 | 3,919 | ı | | 3.55 |
| | 26 27 | Tahquitz Canyon Way to Ramon Road Alejo Road to Amado Raod | 2,587 1,320 | 0.49 0.25 | 2,843 . 3,571 | 0 | | 3.55 |
| | 28 | Amado Road to Tahquitz Canyon Way | 1,373 | 0.26 | 5,830 | o | 0.00 | 3,55 |
| Calle Encilia | 29 | Tahquitz Canyon Way to Arenas Road | 634 | 0.12 | 3,203 | 0 | 0.00 | 3.55 |
| | 30 | Arenas Road to Ramon Road | l,954 | 0,37 | 2,842 | 0 | 0.00 | 3.55 |
| G | 31 | East Palm Canyon to La Verne Way | 2,798 | 0.53 | 1,893 | 0 | 0.00 | 3,55 |
| Camino Real | 32 33 | La Verne Way to Avenida Granada Avenida Granada to Murray Canyon | 2,957 2,165 | 0.56 0.41 | 639 376 | 0 | 1 | 3.55 3.55 |
| | 34 | Avation Way to Tahquitz Canyon Drive | 1,485 | 0.41 | 1,232 | 0 | | 3.55 |
| Civic Drive | 35 | Tahquitz Canyon Way to Baristo Road | 1,328 | 0.25 | 966 | ů | 0.00 | 3,55 |
| Crossley Road | 36 | Ramon Road to 34th | 5,333 | 1,01 | 8,355 | 2 | 0.32 | 3.55 |
| Dillon Road | 37 | Diablo to Melissa | 3,168 | 0.60 | 9,085 | 0 | 0.00 | 1.98 |
| | 38 | S Palm Canyon Drive to Sunrise Way | 5,491 | 1.04 | 19,836 | 0 | | 2.3 |
| East Palm Canyon | 39 40 | Sunrise Way to Farrell Drive Farrell Drive to Rim Road | 2,696 3,383 | 0,51 0.64 | 30,033 15,854 | 0 | 0.87 2.36 1.40 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | 2.3 2.3 |
| | 41 | Rim Road to Cherokee Way | 2,714 | 0.51 | 24,682 | 0 | | 2,3 |
| | 42 | Cherokee Way to Gene Autry Trail | 2,018 | 0,38 | 29,242 | 0 | 0.00 | 2.3 |
| Trail 6 | 43 | Tahquitz Canyon Way to Ramon Road | 2,640 | 0,50 | 11,743 | 0 | | 2.3 |
| El Cielo Road | 44 45 | Ramon Road to Mesquite Avenue | 1,795 | 0.34 | 7,873 4,931 | 0 | | 2.3 2.3 |
| Escoba Drive | | Mesquite Aveue to Escoba Drive El Cielo Road to East Palm Canyon Drive | 3,485 | | | 0 | | 3.55 |
| Escoba Drive | 46 | | 1,267 | 0.24 | 4,848 | | | |
| | 47 48 | Racquet Club Drive to Vista Chino Vista Chino to Tamarisk | 2,534 4,118 | 0.48 0.78 | 9,173 10,318 | I 1 | | 3.55 3.55 |
| | 49 | Tamarisk to Alejo Road | 1,320 | 0.25 | 12,676 | 1 | | 3,55 |
| Farrell Drive | 50 | Alejo Road to Tahquitz Canyon Way | 2,640 | 0.50 | 13,337 | 3 | 0.62 | 3,55 |
| | 51 | Tahquitz Canyon Way to Ramon Road | 2,640 | 0.50 | 10,030 | 2 | Į. | 3.55 |
| | 52 | Ramon Road to Mesquite Avenue | 2,640 | 0,50 | 7,533 | 2 | | 3.55 |
| Gamet Road | 53 54 | Mesquite Ave to East Palm Canyon Drive | 2,798 4,435 | 0.53 | 6,331 | 0 | 0.41 | 3,55 1.98 |
| Gene Autry Trail | 55 | Indian Canyon to West City Limits I-10 to Vista Chino | 12,725 | 0.84 2.41 | 5,416 29,983 | 2 | 0.04 | 2.3 |
| | 56 | Avenue 34 to Palm Canyon Wash | 792 | 0,15 | 5,232 | 2 | 3.49 | 2.3 |
| Golf Club Drive | 57 | Palm Cyn Wash to E. Palm Canyon Dr. | 3,749 | 0.71 | 6,206 | 0 | 0.00 | 2.3 |
| Indian Avenue | 58 | 18th to I-10 | 4,963 | 0.94 | 15,472 | I | 0.09 | 1,98 |
| | 59 | 1-10 to Tramview Road | 12,514 | 2,37 | 11,517 | 0 | 0.00 | 1.98 |
| | 60 | Tramview Road to San Rafael Drive | 2,640 | 0,50 | 12,746 | 0 | 1 | 2.3 2.3 |
| | I | · - | | | | 0 0.00 0 0.00 | 2.3 | |
| | 63 | Vista Chino to Tachevah Drive | 2,640 | 0.50 | 18,683 | 5. | 0.73 | 2.3 |
| Indian Canyon | 64 | Tachevah Drive to Alejo Road | 2,640 | 0.50 | 16,887 | 0 | 0.04 3.49 0.00 0.09 0.00 0.00 0.00 0.00 0.73 0.00 1.66 | 2.3 |
| | 57 Palm Cyn Wash to E. Palm Canyon Dr. 3,749 0.71 6,206 0 | 1 | 2.3 | | | | | |
| | ŀ | | | | | | 0.87 | 2.3 |
| | 67 68 | Andreas Road to Tahquitz Canyon Way Tahquitz Canyon Way to Arenas Road | 634 634 | 0.12 0.12 | 11,690 11,120 | 1 | 0.98 1.03 | 2.3 2.3 |
| | 69 | Arenas Road to Ramon Road | 1,954 | 0.12 | 13,667 | 0 | 0.60 | 2.3 |
| La Verne Way | 70 | East Palm Canyon Drive to Camino Real | 3,485 | 0,66 | 5,015 | 1 | 0,41 | 3.55 |
| | | | | 1 | | | | 1 |
| | 71 | Camino Real to Calle Palo Fierro | 1,214 | 0,23 | 4,569 | 0 | 0.00 | 3.55 |
| | 72 | Calle Palo Fierro to South Palm Canyon | 1,320 | 0.25 | 3,500 | 0 | 0,00 | 3.55 |

| Servet No. Lecarion (6649 661) 2013 4 yyss Total Rate 1,214 0.37 1,394 0 0.00 | | 1 | Table 2 - 2013 Speed Zone S | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 1 | | | 4 17 |
|--|----------------------------|--|---|--|--------------|--------|-----------|---------|
| 77 West End to South Palm Caryon Drive 1,214 0,23 1,394 0 0,00 | Street | No. | Location | Distance | Distance | ADT | Accidents | Acciden |
| Managuite Avenue | | | W. T. L. G. I. D. L. D. | | | | | •••• |
| American American | | 1 | · · | 1 | | | 1 | |
| Mesquise Avenue | | 1 | i · | 1 | | | | |
| 77 El-Ciclo Raest to Vella Road 4,277 0,81 8,416 1 0,00 | Mesquite Avenue | 1 | • | 1 | | | | |
| 78 | - | • | - | 1 | | | | |
| Poster P | | 1 | ł . | 1 | | | 1 1 | ŧ |
| Morray Canyon | | 79 | , · | 1 | | | 0 | 0.00 |
| Seminor Real to Tologio Avenue 3,379 0,64 2,260 1 0,66 | Dinah Shore Drive | 80 | Gene Autry Trail to Crossley Road | 2,605 | 0,49 | 21,188 | 8 | 1,06 |
| North Pratin Caspon St | Murray Canyon | 18 | South Palm Canyon Drive to Camino Real | 2,323 | 0.44 | 3,503 | 0 | 0.00 |
| Note Printer Carsyon 38 Vista Chime to Tachevesh Drive 2,640 0.30 15,524 0 0.00 0.00 | | 82 | l . | 3,379 | 0.64 | 3,260 | 1 | 0.66 |
| Paseo Derotes | North Palm Canyon Drive | 83 | | 1 | | | 0 | 0.00 |
| Respect Club | | 84 | Tachevah Drive to Alejo Road | 2,640 | 0.50 | 15,734 | 0 | 0.00 |
| Racquet Club | Paseo Dorotea | 85 | Ramon Road to Mesquite Avenue | 2,640 | 0,50 | 593 | 0 | 0,00 |
| Same | | 86 | N. Palm Canyon Dr. to Indian Canyon | 1,795 | 0.34 | 4,609 | 0 | 0,00 |
| 88 Avenida Caballeros on Samiries Way 2,693 0.51 6,595 1 0.38 | Racmet Club | 87 | Indian Canyon to Avenida Caballeros | 2,640 | 0.50 | 7,046 | 1 | 0,39 |
| Next End of South Palm Caryon Drive 3,115 0.59 8,209 0 0.00 | raioques estab | 88 | Avenida Caballeros to Sunrise Way | 2,693 | 0.51 | 6,996 | 1 | 0.38 |
| South Palm Caryon Drive to Avenida 2,644 0.50 13,039 1 0.21 Caballeros 22 Avenida Caballeros to Sunrise Way 2,648 0.50 13,174 1 0.14 39 Sunrise Way to Farrell Drive 3,115 0.59 22,898 2 0.20 39 Farrell Drive to ET Cole Racot 2,218 0.42 3,758 3 0.31 30 ET Caballeros of Gene Autry Trail 5,280 1.00 39,169 0 0.00 30 Gene Autry Trail 5 30 20 1.22 5 35,273 0 0.00 30 San Luis Rey Drive 0 Est Cole Racot 1,120 0.25 35,273 0 0.00 31 Et Cole Racot 0 Company 1,120 0.25 35,273 0 0.00 32 Avenida Caballeros of Sunrise Way 1,120 0.25 35,273 0 0.00 33 Luis Rey Drive 0 Est City Limit 1,200 0.25 35,273 0 0.00 34 Drive 1 10 Virginia Road to Indian Caryon Drive 1,653 0.31 3,677 0 0.00 35 Raffael Drive 1 10 Virginia Road to Indian Caryon Drive 1,653 0.31 3,677 0 0.00 35 Raffael Drive 1 10 Ridin Cryn Dr. to Avenida Caballeros 2,469 0.50 6,363 0 0.00 36 Avenida Caballeros to Sunrise Way 2,468 0.50 6,577 0 0.00 37 Avenida Caballeros to Sunrise Way 1,234 1,37 4,934 1 0.20 38 Luis Rey Drive 0 Est Caballeros 1 10 Ridin Caryon Drive 1,653 0.31 1,3627 0 0.00 38 Luis Palm Caryon Drive 1 La Verne Way 1,234 1,37 4,934 1 0.20 39 Arenida Ganada to Bogert Trail 3,960 0.75 3,870 0 0.00 30 Est Palm Caryon Drive 1 La Verne Way 1,234 1,37 4,934 1 0.20 30 Belardo Road to South Palm Cryn Drive 739 0.14 1,794 0 0.00 30 Belardo Road to South Palm Cryn Drive 1,200 0.75 3,870 0 0.00 30 Belardo Road to South Palm Cryn Drive 1,200 0.75 3,870 0 0.00 31 Palm Caryon Drive to Calle Palo Fiero 10 1,00 0.75 1,00 0.00 31 Palm Caryon Drive 1 Calle Palo Fiero 1,00 0.75 1,00 0.00 31 Palm Caryon Drive 1 Calle Palo Fiero 1,00 0.75 1,00 0.00 31 Palm Caryon Drive 1 Calle Palo Fiero 1,00 0.75 1,00 0.00 31 Palm Caryon Drive 1 Calle Palo Fiero 1,00 0.00 0.75 1,00 0.00 31 Palm Caryon Drive 1 Calle Palo Fiero 1,00 0.00 0.75 1,00 0.00 31 Palm Caryon Drive 1 Calle Palo Fiero 1,00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 | | 89 | Sunrise Way to Farrell Drive | 2,482 | 0.47 | 8,976 | 0 | 0.00 |
| Caballaros Cab | | 90 | | 3,115 | 0.59 | 8,209 | 0 | 0.00 |
| Sear Raffeel Drive Sam | | 91 | | 2,640 | 0.50 | 13,039 | ı | 0,21 |
| Farrell Drive to El Cielo Raod 2,218 | | 92 | | 2,640 | 0.50 | 19,174 | 1 | 0.14 |
| Second Palm Canyon Palm Canyon Drive to La Verne Way 1,230 0,50 | Ramon Road | 93 | Sunrise Way to Farrell Drive | 3,115 | 0.59 | 22,898 | 2 | 0.20 |
| 96 Gene Autry Trail to San Luis Rey Drive 97 San Luis Rey Drive to East City Limit 97 San Luis Rey Drive to East City Limit 98 Ramon Road to Mesquite Avenue 2,693 0,51 3,5273 0,000 0,00 0,00 San Rafael Drive 98 Ramon Road to Mesquite Avenue 2,693 0,51 3,627 0,000 0,00 San Rafael Drive 100 101 101 101 102 103 103 104 105 105 107 107 108 108 109 109 109 109 109 109 100 100 100 100 | | | | | 1 | | 1 | I |
| 97 San Luis Rey Drive to East City Limit 1,320 0.25 35,273 0 0.00 | | | · · | | 1 | | Ł . | ı |
| San Luis Rey Drive | | | | 1 | 1 | : | | ı |
| San Raffael Drive 100 Virginia Road to Indium Canyon Drive to Virginia Rd. 2,122 0.40 3,670 0 0.00 101 Indium Cyn Dr. to Avenida Caballeros 2,649 0.50 6,363 0 0.00 102 Avenida Caballeros to Sunrise Way 2,636 0.50 6,577 0 0.00 103 Ramon Road to Mesquite Avenue 2,904 0.55 10,969 0 0.00 104 Mesquite Avenue to E. Palm Canyon Dr. 2,904 0.55 21,039 0 0.00 105 East Palm Canyon Drive to La Verne Way 7,234 1.37 4,914 1 0.20 106 La Verne Way to Avenida Granada 2,640 0.50 4,927 0 0.00 107 Avenida Granada to Bogert Trail 3,960 0.75 3,870 0 0.00 108 Belardo Road to South Palm Cyn Drive 739 0.14 1,794 0 0.00 109 S. Palm Canyon Drive to Calle Palo Fierro 950 0.18 2,570 0 0.00 109 S. Palm Canyon Drive to Calle Palo Fierro 950 0.18 2,570 0 0.00 110 Calle Palo Fierro to Sunrise Way 3,854 0.73 2,468 0 0.00 111 Compadre Way to El Clelo Road 1,320 0.25 421 0 0.00 112 El Cielo Road to Pasco Drortea 2,693 0.51 1,848 0 0.00 113 Pasco Dorotea to Gene Autry Trail 2,693 0.51 1,848 0 0.00 114 Gene Autry Trail to Crossley Road 2,640 0.50 1,312 0 0.00 115 North End to Racquer Club Drive to 1,800 0.34 9,676 0 0.00 117 Vista Chino to Tachevab Drive 2,746 0.52 9,992 0 0.00 118 Tachevab Drive to Alige Road 2,660 0.51 2,179 0 0.00 119 Alejo Road to Talquitz Canyon Drive 2,640 0.50 15,718 0 0.00 120 Tachevab Drive to Calle El Segundo 2,640 0.50 15,718 0 0.00 121 Rachevab Drive to Calle El Segundo 2,640 0.50 15,718 0 0.00 122 Tachevab Drive to Calle El Segundo 2,640 0.50 15,718 0 0.00 123 Tachevab Drive to Calle El Segundo 2,640 0.50 15,718 0 0.00 124 Vanificates to Avenida Caballeros 1,320 0.25 4,604 0 0.00 125 Avenida Caballeros to Sunrise Way 1 | San I uic Reu Driva | - | | | | | | |
| San Rafael Drive | Ball Bull Rey Bilve | | | | | | | |
| 101 Indian Cyn Dr. to Avenida Caballeros 2,649 0.50 6,363 0 0.00 102 Avenida Caballeros to Sunrise Way 2,636 0.50 6,577 0 0.00 103 Ramon Road to Mesquite Avenue 2,904 0.55 10,969 0 0.00 104 Mesquite Avenue to E. Palm Canyon Dr. 2,904 0.55 21,039 0 0.00 105 East Palm Canyon Drive to La Verne Way 7,234 1.37 4,914 1 0.20 106 La Verne Way to Avenida Granada 2,640 0.50 4,927 0 0.00 107 Avenida Granada to Bogent Trail 3,960 0.75 3,870 0 0.00 108 Belardo Road to South Palm Cyn Drive 739 0.14 1,794 0 0.00 109 S. Palm Canyon Drive to Calle Palo Fierro 950 0.18 2,570 0 0.00 110 Calle Palo Fierro to Sunrise Way 3,854 0.73 2,468 0 0.00 111 Compadre Way to El Cielo Road 1,320 0.25 421 0 0.00 112 El Giol Road to Paseo Dorotea 2,693 0.51 1,093 0 0.00 113 Paseo Dorotea to Gene Autry Trail 2,693 0.51 1,486 0 0.00 114 Gene Autry Trail to Crossley Road 2,640 0.50 1,112 0 0.00 115 Racquet Club Drive to Vista Chino 2,746 0.52 9,992 0 0.00 117 Vista Chino to Tachevab Drive 2,587 0.49 12,141 0 0.00 118 Tachevah Drive to Alejo Road 2,690 0.51 20,179 0 0.00 120 Tahquitz Canyon Way to Ramon Road 2,640 0.50 15,260 0 0.00 121 Ramon Road to Mesquite Avenue 2,640 0.50 15,260 0 0.00 122 Mesquite Avenue to Palm Canyon Dr. 2,640 0.50 15,718 0 0.00 123 Indian Canyon Drive to Vie Miraleste 2,640 0.50 15,718 0 0.00 124 Via Miraleste to Avenida Caballeros 1,320 0.25 6,501 0 0.00 125 Avenida Caballeros to Sunrise Way 1,478 0.28 10,577 1 0.46 126 Sunrise Way to Farrell Drive 2,693 0.51 2,093 0 0.00 127 Indian Canyon Drive to Vie Miraleste 2,640 0.50 15,751 0 0.00 128 Indian Canyon Drive to Calle El Segundo 2,640 0.50 10,551 1 0.59 129 Av | | ı | l | | j | · | | l |
| 102 Avenida Caballeros to Sunrise Way 2,636 0,50 6,577 0 0,00 | San Rafael Drive | 100 | Virginia Road to Indian Canyon Drive | 1,653 | 0.31 | 3,627 | 0 | 0.00 |
| South Palm Carryon 103 Rarnon Road to Mesquite Avenue 2,904 0.55 10,969 0 0.00 | | ı | Indian Cyn Dr. to Avenida Caballeros | 2,649 | 0.50 | 6,363 | 0 | ı |
| Nesquite Avenue to E. Palm Canyon Dr. 2,904 0.55 21,039 0 0.00 | | † | | 2,636 | 0.50 | 6,577 | | |
| South Palm Canyon 105 East Palm Canyon Drive to La Verne Way 7,234 1.37 4.914 1 0.20 | | 103 | Ramon Road to Mesquite Avenue | 2,904 | 0.55 | 10,969 | 0 | 0.00 |
| Drive 105 East Palm Canyon Drive to La Verne Way 7,234 1.37 4,914 1 0.20 106 La Verne Way to Avenida Granada 2,640 0.50 4,927 0 0.00 107 Avenida Granada to Bogort Trail 3,960 0.75 3,870 0 0.00 108 Belardo Road to South Palm Cyn Drive 739 0.14 1,794 0 0.00 109 S. Palm Canyon Drive to Calle Palo Fierro 950 0.18 2,570 0 0.00 100 Compadre Way to El Cielo Road 1,320 0.25 421 0 0.00 111 Compadre Way to El Cielo Road 1,320 0.25 421 0 0.00 112 El Cielo Road to Paseo Dorotea 2,693 0.51 1,093 0 0.00 113 Paseo Dorotea to Gene Autry Trail 2,693 0.51 1,846 0 0.00 114 Gene Autry Trail to Crossley Road 2,640 0.50 1,112 0 0.00 115 North End to Racquet Club Drive 1,800 0.34 9,676 0 0.00 116 Racquet Club Drive to Vista Chino 2,746 0.52 9,992 0 0.00 117 Vista Chino to Tachevah Drive 2,587 0.49 12,141 0 0.00 118 Tachevah Drive to Alejo Road 2,690 0.51 20,179 0 0.00 120 Tahquitz Canyon Way to Ramon Road 2,640 0.50 18,143 1 0.15 121 Amono Road to Mesquite Avenue 2,640 0.50 18,143 1 0.15 122 Mesquite Avenue to E. Palm Canyon Dr. 2,640 0.50 15,718 0 0.00 123 Indian Canyon Drive to Visa Miraleste 2,640 0.50 15,718 0 0.00 124 Avenue to E. Palm Canyon Dr. 2,640 0.50 10,003 0 0.00 125 Avenida Caballeros to Sunrise Way 1,320 0.25 4,604 0 0.00 126 Avenida Caballeros to Sunrise Way 1,478 0.28 10,577 1 0.46 130 Sunrise Way to Farrell Drive 2,640 0.50 10,554 1 0.59 17bton Road 133 Wendy Road 1.540 0.60 0.760 0.760 131 Farrell Drive Del Cielo Road 3,062 0.58 10,642 1 0.26 131 Farrell Drive Del Cielo Road 6,547 1.24 3,434 0 0.00 1016do Avenue 134 La Verne Way to Mesquite Avenue 2,640 0.50 1,477 0 0.00 1016do Avenue 134 La V | Caush Balus Causes | 104 | Mesquite Avenue to E. Palm Canyon Dr. | 2,904 | 0.55 | 21,039 | 0 | 0.00 |
| 106 La Verne Way to Avenida Granada 2,640 0.50 4,927 0 0.00 | South Palm Canyon Drive | 105 | East Palm Canyon Drive to La Verne Way | 7.234 | 1.37 | 4,914 | 1 | 0.20 |
| 107 Avenida Granada to Bogert Trail 3,960 0.75 3,870 0 0.00 | | ı | · · | 1 | | | 1 | ı |
| 108 Belardo Road to South Palm Cyn Drive 739 0.14 1,794 0 0.00 | | ı | | | i . | | | 0.00 |
| 109 S. Palm Canyon Drive to Calle Palo Fierro 950 0.18 2,570 0 0.00 | | 108 | | | 0.14 | 1 794 | _ | 0.00 |
| Sunny Dunes Road | | 1 | • | | l . | | | 1 |
| 111 Compadre Way to El Cielo Road | | 1 | | ł | | | | 1 |
| 112 El Cielo Road to Paseo Dorotea 2,693 0.51 1,093 0 0.00 113 Paseo Dorotea to Gene Autry Trail 2,693 0.51 1,848 0 0.00 114 Gene Autry Trail to Crossley Road 2,640 0.50 1,112 0 0.00 Sunrise Way 115 North End to Racquet Club Drive 1,800 0.34 9,676 0 0.00 116 Racquet Club Drive to Vista Chino 2,746 0.52 9,992 0 0.00 117 Vista Chino to Tachevah Drive 2,587 0.49 12,141 0 0.00 118 Tachevah Drive to Alejo Road 2,690 0.51 20,179 0 0.00 119 Alejo Road to Tahquitz Canyon Way 2,587 0.49 21,030 0 0.00 120 Tahquitz Canyon Way to Ramon Road 2,640 0.50 20,910 0 0.00 121 Ramon Road to Mesquite Avenue 2,640 0.50 18,143 1 0.15 122 Mesquite Avenue to E. Palm Canyon Dr. 2,640 0.50 15,718 0 0.00 123 Indian Canyon Drive to Via Miraleste 2,640 0.50 5,260 0 0.00 124 Via Miraleste to Avenida Caballeros 1,320 0.25 6,501 0 0.00 125 Avenida Caballeros to Sunrise Way 1,320 0.25 4,604 0 0.00 126 Sunrise Way to Farrell Drive 2,693 0.51 2,093 0 0.00 127 Indian Canyon Drive to Calle El Segundo 2,640 0.50 10,551 1 0.59 128 Calle El Segundo to Avenida Caballeros 1,162 0.22 10,551 1 0.59 129 Avenida Caballeros to Sunrise Way 1,478 0.28 10,577 1 0.46 131 Farrell Drive to El Cielo Road 3,062 0.58 10,642 1 0.26 131 Farrell Drive to El Cielo Road 3,062 0.58 10,642 1 0.26 132 Hwy 111 to Wendy Road 6,547 1.24 3,434 0 0.00 101edo Avenue 134 La Verne Way to Mesquite Avenue 4,752 0.90 2,982 0 0.00 101edo Avenue 135 Ramon Road to Mesquite Avenue 2,640 0.50 1,477 0 0.00 101edo Avenue 135 Ramon Road to Mesquite Avenue 2,640 0.50 1,477 0 0.00 101edo Avenue 135 Ramon Road to Mesquite Avenue 2,640 0.50 1,477 0 0.00 101edo Avenue 135 Ramon Road to Mesq | Sunny Dunes Road | | * | 1 | | | | 1 |
| 113 | | | | | | | | |
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| 116 Racquet Club Drive to Vista Chino 2,746 0.52 9,992 0 0.00 117 Vista Chino to Tachevah Drive 2,587 0.49 12,141 0 0.00 118 Tachevah Drive to Alejo Road 2,690 0.51 20,179 0 0.00 119 Alejo Road to Tahquitz Canyon Way 2,587 0.49 21,030 0 0.00 120 Tahquitz Canyon Way to Ramon Road 2,640 0.50 20,910 0 0.00 121 Ramon Road to Mesquite Avenue 2,640 0.50 18,143 1 0.15 122 Mesquite Avenue to E. Palm Canyon Dr. 2,640 0.50 15,718 0 0.00 123 Indian Canyon Drive to Via Miraleste 2,640 0.50 5,260 0 0.00 124 Via Miraleste to Avenida Caballeros 1,320 0.25 6,501 0 0.00 125 Avenida Caballeros to Sunrise Way 1,320 0.25 4,604 0 0.00 126 Sunrise Way to Farrell Drive 2,693 0.51 2,093 0 0.00 127 Indian Canyon Drive to Calle El Segundo 2,640 0.50 10,503 0 0.00 128 Calle El Segundo to Avenida Caballeros 1,162 0.22 10,551 1 0.59 129 Avenida Caballeros to Sunrise Way 1,478 0.28 10,577 1 0.46 130 Sunrise Way to Farrell Drive 2,640 0.50 10,554 1 0.26 131 Farrell Drive to El Cielo Road 3,062 0.58 10,642 1 0.22 131 Farrell Drive to El Cielo Road 3,062 0.58 10,642 1 0.22 131 Farrell Drive to El Cielo Road 3,062 0.58 10,642 1 0.22 131 Farrell Drive to El Cielo Road 3,062 0.58 10,642 1 0.26 132 Hwy 111 to Wendy Road 6,547 1.24 3,434 0 0.00 133 Wendy Road to I-10 6,178 1.17 3,446 0 0.00 1016do Avenue 134 La Verne Way to Mesquite Avenue 4,752 0.90 2,982 0 0.00 Vella Road 135 Ramon Road to Mesquite Avenue 2,640 0.50 1,477 0 0.00 120 130 | | | | | 0.50 | 1,112 | 0 | 0,00 |
| 117 Vista Chino to Tachevah Drive 2,587 0.49 12,141 0 0.00 118 Tachevah Drive to Alejo Road 2,690 0.51 20,179 0 0.00 119 Alejo Road to Tahquitz Canyon Way 2,587 0.49 21,030 0 0.00 120 Tahquitz Canyon Way to Ramon Road 2,640 0.50 20,910 0 0.00 121 Ramon Road to Mesquite Avenue 2,640 0.50 18,143 1 0.15 122 Mesquite Avenue to E. Palm Canyon Dr. 2,640 0.50 15,718 0 0.00 123 Indian Canyon Drive to Via Miraleste 2,640 0.50 5,260 0 0.00 124 Via Miraleste to Avenida Caballeros 1,320 0.25 6,501 0 0.00 125 Avenida Caballeros to Sunrise Way 1,320 0.25 4,604 0 0.00 126 Sunrise Way to Farrell Drive 2,693 0.51 2,093 0 0.00 127 Indian Canyon Drive to Calle El Segundo 2,640 0.50 10,503 0 0.00 128 Calle El Segundo to Avenida Caballeros 1,162 0.22 10,551 1 0.59 129 Avenida Caballeros to Sunrise Way 1,478 0.28 10,577 1 0.46 130 Sunrise Way to Farrell Drive 2,640 0.50 10,554 1 0.26 131 Farrell Drive to El Cielo Road 3,062 0.58 10,642 1 0.22 132 Hwy 111 to Wendy Road 6,547 1.24 3,434 0 0.00 133 Wendy Road to I-10 6,178 1.17 3,446 0 0.00 134 Caller | Sunrise Way | | | | | | 1 | ı |
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| 119 | | | | | | | | |
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| 122 Mesquite Avenue to E. Palm Canyon Dr. 2,640 0.50 15,718 0 0.00 | | | | 2,640 | | | | ł |
| 123 | | | · · | | 1 | | | 0.00 |
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| 125 | Tachevah Drive | | | | | | | |
| 127 Indian Canyon Drive to Calle El Segundo 2,640 0.50 10,503 0 0.00 128 Calle El Segundo to Avenida Caballeros 1,162 0.22 10,551 1 0.59 129 Avenida Caballeros to Sunrise Way 1,478 0.28 10,577 1 0.46 130 Sunrise Way to Farrell Drive 2,640 0.50 10,554 1 0.26 131 Farrell Drive to El Cielo Road 3,062 0.58 10,642 1 0.22 132 Hwy 111 to Wendy Road 6,547 1.24 3,434 0 0.00 133 Wendy Road to I-10 6,178 1.17 3,446 0 0.00 101edo Avenue 134 La Verne Way to Mesquite Avenue 4,752 0.90 2,982 0 0.00 Vella Road 135 Ramon Road to Mesquite Avenue 2,640 0.50 1,477 0 0.00 10.00 1.00 1.477 1.00 0.00 10.00 1.00 1.477 1.00 0.00 10.00 1.00 1.477 1.00 0.00 10.00 1.00 1.477 1.00 0.00 10.00 1.00 1.477 1.00 0.00 10.00 1.00 1.477 1.00 0.00 10.00 1.00 1.477 1.00 0.00 10.00 1.00 1.477 1.00 0.00 10.00 1.00 1.00 1.00 10.00 1.00 1.00 1.00 10.00 1.00 1.00 1.00 10.00 1.00 1.00 1.00 10.00 1.00 1.00 10.00 1.00 1.00 10.00 1.00 1.00 10.00 1.00 1.00 10.00 1.00 1.00 10.00 1.00 1.00 10.00 1. | | | | | • | | | |
| 128 Calle El Segundo to Avenida Caballeros 1,162 0.22 10,551 1 0.59 129 | | 126 | Sunrise Way to Farrell Drive | 2,693 | 0,51 | 2,093 | 0 | 0,00 |
| Tahquitz Canyon Way 129 Avenida Caballeros to Sunrise Way 1,478 0.28 10,577 1 0.46 130 Sunrise Way to Farrell Drive 2,640 0.50 10,554 1 0.26 131 Farrell Drive to El Cielo Road 3,062 0.58 10,642 1 0.22 132 Hwy 111 to Wendy Road 6,547 1.24 3,434 0 0.00 133 Wendy Road to 1-10 6,178 1.17 3,446 0 0.00 10ledo Avenue 134 La Verne Way to Mesquite Avenue 4,752 0.90 2,982 0 0.00 Vella Road 135 Ramon Road to Mesquite Avenue 2,640 0.50 1,477 0 0.00 10ledo Avenue 134 Ramon Road to Mesquite Avenue 2,640 0.50 1,477 0 0.00 110ledo Avenue 134 Ramon Road to Mesquite Avenue 2,640 0.50 1,477 0 0.00 1111 11 | | 127 | Indian Canyon Drive to Calle El Segundo | 2,640 | 0.50 | 10,503 | 0 | 0.00 |
| Tahquitz Canyon Way 129 Avenida Caballeros to Sunrise Way 1,478 0.28 10,577 1 0.46 130 Sunrise Way to Farrell Drive 2,640 0.50 10,554 1 0.26 131 Farrell Drive to El Cielo Road 3,062 0.58 10,642 1 0.22 132 Hwy 111 to Wendy Road 6,547 1.24 3,434 0 0.00 133 Wendy Road to 1-10 6,178 1.17 3,446 0 0.00 10ledo Avenue 134 La Verne Way to Mesquite Avenue 4,752 0.90 2,982 0 0.00 Vella Road 135 Ramon Road to Mesquite Avenue 2,640 0.50 1,477 0 0.00 10ledo Avenue 134 Ramon Road to Mesquite Avenue 2,640 0.50 1,477 0 0.00 110ledo Avenue 134 Ramon Road to Mesquite Avenue 2,640 0.50 1,477 0 0.00 1111 11 | | 128 | Calle El Segundo to Avenida Caballeros | 1,162 | 0.22 | 10,551 | 1 | 0.59 |
| 130 Sunrise Way to Farrell Drive 2,640 0.50 10,554 1 0.26 131 Farrell Drive to El Cielo Road 3,062 0.58 10,642 1 0.22 132 Hwy 111 to Wendy Road 6,547 1.24 3,434 0 0.00 133 Wendy Road to 1-10 6,178 1.17 3,446 0 0.00 10ledo Avenue 134 La Verne Way to Mesquite Avenue 4,752 0.90 2,982 0 0.00 Vella Road 135 Ramon Road to Mesquite Avenue 2,640 0.50 1,477 0 0.00 10ledo Avenue 134 Ramon Road to Mesquite Avenue 2,640 0.50 1,477 0 0.00 10ledo Avenue 135 Ramon Road to Mesquite Avenue 2,640 0.50 1,477 0 0.00 10ledo Avenue 136 Ramon Road to Mesquite Avenue 2,640 0.50 1,477 0 0.00 10ledo Avenue 136 Ramon Road to Mesquite Avenue 2,640 0.50 1,477 0 0.00 10ledo Avenue 136 Ramon Road to Mesquite Avenue 2,640 0.50 1,477 0 0.00 10ledo Avenue 137 Ramon Road to Mesquite Avenue 2,640 0.50 1,477 0 0.00 10ledo Avenue 137 Ramon Road to Mesquite Avenue 2,640 0.50 1,477 0 0.00 10ledo Avenue 137 Ramon Road to Mesquite Avenue 2,640 0.50 1,477 0 0.00 10ledo Avenue 138 Ramon Road to Mesquite Avenue 2,640 0.50 1,477 0 0.00 10ledo Avenue 138 Ramon Road to Mesquite Avenue 2,640 0.50 1,477 0 0.00 10ledo Avenue 138 Ramon Road to Mesquite Avenue 2,640 0.50 1,477 0 0.00 10ledo Avenue 138 Ramon Road to Mesquite Avenue 2,640 0.50 1,477 0 0.00 10ledo Avenue 138 Ramon Road to Mesquite Avenue 2,640 0.50 1,477 0 0.00 10ledo Avenue 138 Ramon Road to Mesquite Avenue 2,640 0.50 1,477 0 0.00 10ledo Avenue 138 Ramon Road to Mesquite Avenue 2,640 0.50 1,477 0 0.00 10ledo Avenue 138 Ramon Road to Mesquite Avenue 2,640 0.50 1,477 0 0.00 10ledo Avenue 138 Ramon Road to Mesquite Avenue 2,640 0.50 1,477 0 0.00 10ledo Avenue 138 Ramon Road to Mesquite Avenue 2, | Tahquitz Canyon Way | 1 | · · | | | | | 0.46 |
| 131 Farrell Drive to El Cielo Road 3,062 0.58 10,642 1 0.22 | | | · · | | | | | I |
| 133 Wendy Road to I-10 6,178 1.17 3,446 0 0.00 | | 131 | Farrell Drive to El Cielo Road | | 0,58 | 10,642 | | 0.22 |
| 133 Wendy Road to 1-10 6,178 1.17 3,446 0 0.00 Toledo Avenue 134 La Verne Way to Mesquite Avenue 4,752 0.90 2,982 0 0.00 Vella Road 135 Ramon Road to Mesquite Avenue 2,640 0.50 1,477 0 0.00 | Tipton Road | | | | | | | |
| Vella Road 135 Ramon Road to Mesquite Avenue 2,640 0.50 1,477 0 0.00 | **** | | | _ | | | | |
| | | | *************************************** | | | | | _ |
| Vista Chino 136 Gene Autry Trail to East City Limits 1,478 0.28 21,450 2 0.46 | | | | | | | 1 | |
| | Victo China | 136 | Gene Autry Trail to East City Limits | 1.478 | 0.28 | 21,450 | 1 2 | 0.46 |

| New York September Septe | Alejo Road Amado Road Arenas Road | 2 3 4 5 6 7 8 9 | West End to Via Miraleste Via Miraleste to Avenida Caballeros Avenida Caballeros to Sunrise Way Sunrise Way to Farrell Drive Indian Canyon to Avenida Caballeros Avenida Caballeros to Sunrise Way Sunrise Way to Farrell Drive Indian Canyon Drive to Calle Encila | E/W E/W E/W E/W E/W E/W E/W | 4/17/2013 4/17/2013 4/17/2013 4/17/2013 4/17/2013 4/17/2013 | Pace (mph) 24-33 30-39 38-47 40-49 | Tile (mph) 30 35 | Tile (mph) 36 | Speed Limit (mph) 35 | Recommended Speeds 35 | Comme No Char |
|--|-------------------------------------|--------------------------------------|---|-----------------------------|--|------------------------------------|--|---------------------|----------------------------|-----------------------------|--------------------------------------|
| 2 No Meriante no Aveneda Cabulations | Amado Road Arenas Road Avenida | 2 3 4 5 6 7 8 9 | Via Miraleste to Avenida Caballeros Avenida Caballeros to Sunrise Way Sunrise Way to Farrell Drive Indian Canyon to Avenida Caballeros Avenida Caballeros to Sunrise Way Sunrise Way to Farrell Drive Indian Canyon Drive to Calle Encila | E/W E/W E/W E/W E/W | 4/17/2013 4/17/2013 4/17/2013 4/17/2013 4/17/2013 | 30-39 38-47 40-49 | 35 | | | | No Char |
| Avoid 3 | Amado Road Arenas Road Avenida | 3 4 5 6 7 8 9 | Avenida Caballeros to Sunrise Way Sunrise Way to Farrell Drive Indian Canyon to Avenida Caballeros Avenida Caballeros to Sunrise Way Sunrise Way to Farrell Drive Indian Canyon Drive to Calle Encila | ε/w ε/w ε/w ε/w | 4/17/2013 4/17/2013 4/17/2013 4/17/2013 | 38-47 40-49 | | 39 | 35 | | |
| 2 | Amado Road Arenas Road Avenida | 4 5 6 7 8 9 | Sunrise Way to Farrell Drive Indian Canyon to Avenida Cabalteros Avenida Cabalteros to Sunrise Way Sunrise Way to Farrell Drive Indian Canyon Drive to Calle Encila | ε/w ε/w ε/w | 4/17/2013 4/17/2013 4/17/2013 | 40-49 | 42 | | | 35 | No Chan |
| Social Company Social Calculations U.W. 4/17/2013 31-42 37 40 55 40 No. Calculations Social Calculations Soc | Arenas Road Avenida | 5 6 7 8 9 | Indian Canyon to Avenida Cabalteros Avenida Cabalteros to Sunrise Way Sunrise Way to Farrell Drive Indian Canyon Drive to Calle Encila | E/W E/W | 4/17/2013 4/17/2013 | | | 47 | 40 | 40 | Continuity of Spe accident |
| Section Sect | Arenas Road Avenida | 6 7 8 9 | Avenida Caballeros to Sunrise Way Sunrise Way to Farrell Drive Indian Canyon Drive to Calle Encila | E/W | 4/17/2013 | 33-42 | 44 | 48 | 45 | 45 | No Char |
| 1 | Arenas Road Avenida | 7 8 9 | Sunrise Way to Farrell Drive Indian Canyon Drive to Calle Encila | E/W | | | 37 | 40 | 35 | 40 | accident |
| Record R | Avenida | 8 9 10 | Indian Canyon Drive to Calle Encila | - | 4/17/2013 | 37-46 | 41 | 45 | 40 | 40 | of Spe |
| Account March 2 9 Califo Biolister Cellet Ell Segundo | Avenida | 9 | | E/W | | 36-45 | 40 | 44 | 40 | 40 | No Char |
| 10 San Sarfael Drive to Visia Chimo | | 10 | Calle Encila to Calle El Segundo | | 4/30/2013 | 20-29 | 25 | 28 | 25 | 25 | No Char |
| 1 | | | | E/W | 4/30/2013 | 19-28 | 24 | 27 . | 25 | 25 | No Cha |
| Avenida Chebelitroe 12 Tarchivols Driveto Tomaricis 13 Tamenicis Adejo Road 14 Alajo Road to Talquitz Canyon Way 15 Talquitz Canyon Way o Ramon Road 16 Avenida Chebelitroe to Surrice Way 17 Sancies Way to Tamenic Road 18 Famell Drive to El Cick Road 19 Sancies Way to Tamenic Road 10 Avenida Chebelitroe to Surrice Way 19 Way 10 Avenida Chebelitroe to Surrice Way 10 Avenida Chebelitroe to Surrice Way 10 Avenida Chebelitroe to Surrice Way 11 Sancies Way to Tamenic Drive 12 Sancies Way to Tamenic Drive 13 Famell Drive to El Cick Road 19 Sancies Way to Tamenic Drive 19 Sancies Way to Tamenic Drive 10 Sancies Way 10 Sancies Way 10 Sancies Way 10 Sancies Way 11 Sancies Way 12 Sancies Way 12 Sancies Way 13 Sancies Way 14 Sancies Way 15 Sancies Way 16 Sancies Way 17 Sancies Way 18 Sancies Way 18 Sancies Way 19 Sancies Way 10 | | 11 | San Rafael Drive to Vista Chino | N/S | 4/18/2013 | 34-43 | 9 | 43 | 40 | . 40 | No Char |
| Cabaling 1 Tamarisk to Alajo Road | | | Vista Chino to Tachevah Drive | N/S | 4/18/2013 | 33-42 | 37 | 43 | 40 | 40 | No Char |
| 13 Tamesite No. Arigo Road No. Arigo 2003 30-39 34 38 35 35 No. Cd | | 12 | Tachevah Driveto Tamarisk | N/S | 4/18/2013 | 30-39 | 36 | 39 | 35 | 35 | No Cha |
| 15 Talquitz Cargon Way to Ramon Road | | | | + | | | | | | | No Char |
| Barriston Read 16 Avenida Caballeros to Sourise Way E/N 4/50/2013 34-48 39 43 40 40 No. Cl | | | | + | | | ! | | | | No Char |
| Service Name 17 Suntice Way to Farrell Drive F/W 4/36/2013 36-45 40 43 40 40 40 No. CI | | | | | | 1 | ! | - | | | No Char |
| Barona Road 19 | Baristo Road | | | | | | 1 | | | | No Cha |
| Balancal 9 Best Palm Canyon to South End N/S 4/15/2013 24-33 29 33 25 80 | | 18 | Farrell Drive to El Cielo Road | E/W | 4/30/2013 | 33-42 | 38 | 44 | 40 | 40 | No Cha |
| Baltario 20 Scientin Road to Statinty Dunes Road N/S 4/16/2013 31-40 36 40 35 40 16 40 40 16 40 40 16 40 40 16 40 40 16 40 40 16 40 40 16 40 40 16 40 40 40 40 40 40 40 4 | Barona Road | 19 | East Palm Canyon to South End | N/S | 4/25/2013 | - 24-33 | 29 | 33 | 25 | 30 | Increase 85th % acciden |
| 21 Summy Dumes Road to S. Belardo Road N/S 4/16/2013 33-42 38 42 35 40 | | 20 | Ramon Road to Sunny Dunes Road | N/S | 4/16/2013 | 31-40 | 36 | 40 | 35 | 40 | Increase 85th % acciden |
| Bogert Trial 22 South Palm Caryon to Palm Caryon Wash E/W 4/17/2013 31-40 35 39 30 30 Numbrous acid macade N/S 4/17/2013 32-41 38 41 35 35 No C | Road | 21 | Sunny Dunes Road to S. Belardo Road | N/S | 4/16/2013 | 33-42 | 38 | 42 | 35 | 40 | Increase 85th % acciden |
| Calle El 24 Alejo Road to Amado Road N/S 8/21/2013 30-39 35 39 35 35 No C Rogando 26 Tahquitz Canyon Way to Ramon Road N/S 8/22/2013 30-39 35 39 35 35 No C Rogando 26 Tahquitz Canyon Way to Ramon Road N/S 8/22/2013 30-39 35 39 35 35 No C Rogando 27 Alejo Road to Tahquitz Canyon Way to Ramon Road N/S 8/22/2013 26-35 31 37 35 35 No C Rogando 28 Amado Road to Tahquitz Canyon Way to N/S 5/2/2013 25-34 29 32 30 30 No C Rogando 29 Tahquitz Canyon Way to Arenas Road N/S 5/2/2013 22-31 27 33 30 30 No C Rogando 30 Arenas Road to Ramon Road N/S 5/2/2013 22-31 27 33 30 30 No C Rogando 30 Arenas Road to Ramon Road N/S 5/2/2013 31-40 36 40 35 35 No C Rogando 31 East Palm Canyon to La Verne Way N/S 4/17/2013 32-41 37 40 35 35 Rogando Rogando 31 Rogando 32 La Verne Way to Avenida Granada N/S 4/17/2013 28-37 32 36 30 35 Rogando | Bogert Trail | 22 | South Palm Canyon to Palm Canyon Wash | E/W | 4/17/2013 | 31-40 | 35 | 39 | 30 | 30 | No Chi Numerous drive accident |
| Calle Encila Segundo 25 Amado Road to Tahquitz Canyon Way N/S 5/2/2013 29/38 34 37 35 35 No C Tahquitz Canyon Way to Ramon Road N/S 8/22/2013 30-39 35 39 35 35 No C Tahquitz Canyon Way to Ramon Road N/S 8/22/2013 26-35 31 37 35 35 No C Tahquitz Canyon Way to Ramon Road N/S 5/2/2013 25-34 29 32 30 30 No C Tahquitz Canyon Way to Arenas Road N/S 5/2/2013 25-34 29 32 30 30 No C Tahquitz Canyon Way to Arenas Road N/S 5/2/2013 22-31 27 33 30 30 No C Tahquitz Canyon Way to Arenas Road N/S 5/2/2013 31-40 36 40 35 35 No C Tahquitz Canyon to La Verne Way N/S 5/2/2013 31-40 36 40 35 35 No C Tahquitz Canyon to La Verne Way N/S 5/2/2013 31-40 36 40 35 35 No C Tontino Real Tahquitz Canyon to La Verne Way N/S 4/17/2013 32-41 37 40 35 35 No C Tontino Real Tahquitz Canyon to La Verne Way N/S 4/17/2013 28-37 32 36 30 35 Increase 85th accides Tahquitz Canyon Trive Tahquitz Canyon Drive N/S 4/30/2013 22-31 26 30 25 30 Increase 85th accides Tahquitz Canyon Way to Baristo Road N/S 4/30/2013 22-31 26 30 25 30 Increase 85th accides Tahquitz Canyon Way to Baristo Road N/S 4/30/2013 22-31 26 30 25 30 Increase 85th accides Tahquitz Canyon Way to Baristo Road N/S 4/30/2013 22-31 26 30 25 30 Increase 85th accides Tahquitz Canyon Drive to Sunrise Way Tahquitz Canyon Drive to Rim Road Tahquitz Canyon Way to Ramon Road N/S 4/25/2013 41-50 45 49 45 45 No C Tontinuty of Tahquitz Canyon Drive to Rim Road N/S 8/21/2013 41-50 45 49 45 45 No C Tontinuty of Tahquitz Canyon Way to Ramon Road N/S 8/21/2013 41-50 44 49 45 45 No C Tontinuty of Tahquitz Canyon Way to Ramon Road N/S 8/21/2013 41-50 44 49 45 45 No C Tontinuty of Tahquitz Canyon Way to Ramon Road N/S 8/21/2013 41-50 44 49 45 45 No C Tontinuty of Tahquitz Canyon Way to Ramon Road N/S 8/21/2013 41-50 44 49 45 45 No C Tontinuty of Tahquitz Canyon Way to Ramon Road N/S 8/21/2013 41-50 44 49 45 45 No C Tontinuty o | | 23 | Palm Canyon Wash to South End | N/S | 4/17/2013 | 32-41 | 38 | 41 | 35 | 35 | No Ch |
| Segundo 25 Amado Road to Tahquitz Canyon Way N/S S/Z/2013 29/38 34 37 35 35 No C | 0 11 71 | 24 | Alejo Road to Amado Road | N/S | 8/21/2013 | 30-39 | 35 | 39 | 35 | 35 | No Ch |
| Calle Encilia 27 Alejo Road to Arnado Raod N/S 5/2/2013 26-35 31 37 35 35 No Cl 28 Amado Road to Tahquitz Canyon Way N/S 5/2/2013 25-34 29 32 30 30 No Cl 29 Tahquitz Canyon Way to Arenas Road N/S 5/2/2013 22-31 27 33 30 30 No Cl 30 Arenas Road to Ramon Road N/S 5/2/2013 31-40 36 40 35 35 No Cl No Cl No Cl No Cl 13 East Palm Canyon to La Verne Way N/S 4/17/2013 32-41 37 40 35 35 Continuity of Tahquitz Canyon N/S 4/17/2013 32-41 37 40 35 35 Continuity of Tahquitz Canyon N/S 4/17/2013 28-37 32 36 30 35 Increase 85th accider 13 Avenida Granada to Mutray Canyon N/S 4/17/2013 27-36 32 36 30 35 Increase 85th accider N/S 4/17/2013 27-36 32 36 30 35 Increase 85th accider N/S 4/17/2013 22-31 26 30 25 30 Increase 85th accider 13 Avation Way to Tahquitz Canyon Drive N/S 4/30/2013 22-31 26 30 25 30 Increase 85th accider Civic Drive 35 Tahquitz Canyon Way to Baristo Road N/S 5/1/2013 41-50 45 49 45 45 No Cl Bast Palm Canyon Dillon Road 37 Diablo to Melissa E/N 8/21/2013 41-50 45 49 45 45 No Cl East Palm Canyon Drive 40 Farrell Drive to Rim Road E/N 8/22/2013 39-48 44 49 45 45 No Cl 41 Rim Road to Cherokee Way E/N 8/22/2013 44-53 49 53 50 50 No Cl 42 Cherokee Way to Gene Autry Trail E/N 8/22/2013 44-54 50 54 50 50 No Cl 43 Tahquitz Canyon Way to Ramon Road N/S 4/12/2013 41-50 44 49 45 45 No Cl 44 Cherokee Way to Gene Autry Trail E/N 8/22/2013 44-54 50 54 50 50 No Cl 42 Cherokee Way to Gene Autry Trail E/N 8/22/2013 41-50 44 49 45 45 No Cl 43 Tahquitz Canyon Way to Ramon Road N/S 4/12/2013 41-50 44 49 45 45 No Cl 44 Cherokee Way to Gene Autry Trail E/N 8/22/2013 41-50 44 49 45 45 No Cl 45 Tahquitz Canyon Way to Ramon Road N/S 4/12/2013 41-50 44 49 45 45 No Cl 46 Cherokee Way to Gene Autry Trail E/N 8/22/2013 41-50 44 49 45 45 No Cl 47 Cherokee Way to Gene Autry Trail E/N 8/22/2013 41-50 44 49 45 45 No Cl 48 Tahquitz Canyon Way to Ramon Road N/S 4/12/2013 41-50 44 49 45 45 No Cl 49 Tahquitz Canyon Way to Ramon Road N/S 4/12/2013 41-50 44 49 45 45 No Cl 40 Cherokee Way t | | | Amado Road to Tahquitz Canyon Way | N/5 | 5/2/2013 | 29/38 | 34 | 37 | 35 | 35 | No Ch |
| Calle Encilia 28 Amado Road to Tabquitz Carryon Way N/S 5/2/2013 25-34 29 32 30 30 No CI 29 Tabquitz Carryon Way to Arenas Road N/S 5/2/2013 32-31 27 33 30 30 No CI 30 Arenas Road to Ramon Road N/S 5/2/2013 31-40 36 40 35 35 No C Carnino Real 31 East Palm Canyon to La Verne Way N/S 4/17/2013 32-41 37 40 35 35 Continuity of S accider Carnino Real 32 La Verne Way to Avenida Granada N/S 4/17/2013 28-37 32 36 30 35 Increase 85th accider Civic Drive 34 Avation Way to Tahquitz Canyon Drive N/S 4/30/2013 22-31 26 30 25 30 Increase 85th accider Civic Drive 35 Tahquitz Canyon Way to Baristo Road N/S 4/30/2013 22-31 26 30 25 30 Increase 85th accider <td></td> <td></td> <td></td> <td>†</td> <td></td> <td>30-39</td> <td>35</td> <td>39</td> <td></td> <td></td> <td>No Ch</td> | | | | † | | 30-39 | 35 | 39 | | | No Ch |
| Camino Real 29 Tahquitz Canyon Way to Arenas Road N/S S/2/2013 22-31 27 33 30 30 No CI | | 27 | Alejo Road to Amado Raod | N/5 | 5/2/2013 | 26-35 | 31 | 37 | 35 | 35 | No Cha |
| 30 Arenas Road to Ramon Road N/S 5/2/2013 31-40 36 40 35 35 No Continuity of Saccided A Pamer Road to Ramon Road N/S 4/17/2013 32-41 37 40 35 35 Continuity of Saccided N/S 4/17/2013 32-41 37 40 35 35 Continuity of Saccided N/S 4/17/2013 32-41 37 40 35 35 Continuity of Saccided N/S 4/17/2013 32-37 32 36 30 35 Increase 85th accided N/S 4/17/2013 27-36 32 36 30 35 Increase 85th accided N/S 4/30/2013 22-31 26 30 25 30 Increase 85th accided N/S 4/30/2013 22-31 26 30 25 30 Increase 85th accided N/S 4/30/2013 22-31 26 30 25 30 Increase 85th accided N/S 4/30/2013 22-31 26 30 25 30 Increase 85th accided N/S 4/30/2013 22-31 26 30 25 30 Increase 85th accided N/S 4/30/2013 22-31 26 30 25 30 Increase 85th accided N/S 4/30/2013 22-31 26 30 25 30 Increase 85th accided N/S 4/30/2013 22-31 26 30 25 30 Increase 85th accided N/S 4/30/2013 22-31 26 30 25 30 Increase 85th accided N/S 4/30/2013 41-50 45 49 45 45 No CI N/S N/ | Calle Encilia | 28 | Amado Road to Tahquitz Canyon Way | N/S | 5/2/2013 | 25-34 | 29 | 32 | 30 | 30 | No Cha |
| 31 East Palm Canyon to La Verne Way N/S 4/17/2013 32-41 37 40 35 35 Continuity of Cardinal | ļ | | Tahquitz Canyon Way to Arenas Road | N/S | 5/2/2013 | 22-31 | 27 | 33 | 30 | 30 | No Cha |
| Carnino Real 22 | | 30 | Arenas Road to Ramon Road | N/S | 5/2/2013 | 31-40 | 36 | 40 | 35 | 35 | No Ch |
| 32 La Verne Way to Avenida Granada | | 31 | East Palm Canyon to La Verne Way | N/S | 4/17/2013 | 32-41 | 37 | 40 | 35 | 35 | Continuity of Sp acciden |
| 33 Avenda Granada to Mutray Canyon N/S 4/17/2013 27-36 32 36 30 35 accidet | Camino Real | 32 | La Verne Way to Avenida Granada | N/S | 4/17/2013 | 28-37 | 32 | 36 | . 30 | 35 | Increase 85th % accident |
| Civic Drive 34 Avatron Way to Fanquitz Canyon Drive N/S 4/30/2013 22-31 26 30 25 30 Increase 85th accides Crossley Road 36 Ramon Road to 34th N/S 5/1/2013 41-50 45 49 45 45 No Cl Dillon Road 37 Diablo to Melissa E/W 8/21/2013 41-50 46 50 55 50 Decrease 85th accide Canyon Drive to Sunrise Way E/W 8/21/2013 41-50 46 50 55 50 Decrease 85th accide Canyon Drive Drive E/W 8/22/2013 41-50 46 50 55 50 Decrease 85th accide Canyon Drive to Sunrise Way E/W 8/22/2013 41-50 45 49 45 45 No Cl Canyon Drive Tarrell Drive E/W 8/22/2013 39-48 44 49 45 45 No Cl Canyon Drive Tarrell Drive Drive E/W 8/22/2013 44-53 49 53 50 50 No Cl Canyon Drive Tarrell Drive Tarrell Drive E/W 8/22/2013 45-54 50 53 50 50 No Cl Canyon Drive Tarrell Drive Tarr | | 33 | Avenida Granada to Murray Canyon | N/S | 4/17/2013 | 27-36 | 32 | 36 | 30 | 35 | Increase 85th % accident |
| 35 Tahquitz Canyon Way to Baristo Road N/S 4/30/2013 22-31 26 30 25 30 Increase 85th accider Road 36 Ramon Road to 34th N/S 5/1/2013 41-50 45 49 45 45 No Cl | Civic Drive | 34 | Avation Way to Tahquitz Canyon Drive | N/S | 4/30/2013 | 22-31 | 26 | 30 | 25 | 30 | Increase 85th % accident |
| Road 36 Ramon Road to 34th N/S S/1/2013 41-50 45 49 45 45 No Cl | OTTIO DILVO | 35 | Tahquitz Canyon Way to Baristo Road | N/S | 4/30/2013 | 22-31 | 26 | 30 | 25 | 30 | Increase 85th % accident |
| 38 S Palm Canyon Drive to Sunrise Way E/W 8/21/2013 41-50 46 50 55 50 accide | | 36 | Ramon Road to 34th | N/S | 5/1/2013 | 41-50 | 45 | 49 | 45 | 45 | No Cha |
| 39 Sunrise Way to Farrell Drive | Dillon Road | 37 | Diablo to Melissa | E/W | 8/21/2013 | 41-50 | 46 | 50 | 55 | 50 | Decrease 85th 9 acciden |
| East Palm Canyon Drive 40 Farrell Drive to Rim Road E/W 8/22/2013 44-53 49 53 50 50 No Cl 41 Rim Road to Cherokee Way E/W 8/22/2013 45-54 50 53 50 50 No Cl 42 Cherokee Way to Gene Autry Trail E/W 4/25/2013 45-54 50 54 50 50 No Cl 43 Tahquitz Canyon Way to Ramon Road N/S 4/25/2013 41-50 44 49 45 45 No Cl El Cielo 44 Teams Road Market Autron Road N/S 4/25/2013 20-40 45 45 No Cl | | 38 | S Palm Canyon Drive to Sunrise Way | E/W | 8/21/2013 | 41-50 | 45 | 49 | 45 | 45 | No Cha |
| Canyon Drive 40 Farrell Drive to Rim Road E/W 8/22/2013 44-53 49 53 50 50 No Cl 41 Rim Road to Cherokee Way E/W 8/22/2013 45-54 50 53 50 50 No Cl 42 Cherokee Way to Gene Autry Trail E/W 4/25/2013 45-54 50 54 50 50 No Cl 43 Tahquitz Canyon Way to Ramon Road N/S 4/25/2013 41-50 44 49 45 45 No Cl El Cielo 44 Remark Roads Market Autron Road N/S 4/25/2013 20-40 45 45 No Cl | | 39 | Sunrise Way to Farrell Drive | E/W | 8/22/2013 | 39-48 | 44 | 49 | 45 | 45 | No Cha |
| 41 Rim Road to Cherokee Way E/W 8/2Z/2013 45-54 50 53 50 50 No Cl 42 Cherokee Way to Gene Autry Trail E/W 4/25/2013 45-54 50 54 50 50 No Cl 43 Tahquitz Canyon Way to Ramon Road N/S 4/25/2013 41-50 44 49 45 45 No Cl El Cielo 44 Tenna Road to Monita August | Canyon | 40 | Farrell Drive to Rim Road | E/W | 8/22/2013 | 44-53 | 49 | 53 | 50 | 50 | No Cha |
| 43 Tahquitz Canyon Way to Ramon Road N/S 4/25/2013 41-50 44 49 45 45 No C | Drive | 41 | Rim Road to Cherokee Way | E/W | 8/22/2013 | 45-54 | 50 | 53 | 50 | 50 | No Cha |
| El Cielo (A. Roma Real la Manufa Arama N. 1/5 1/25/2022 20.40 42 47 45 No. | | 42 | Cherokee Way to Gene Autry Trail | E/W | 4/25/2013 | 45-54 | 50 | 54 | 50 | 50 | No Cha |
| | | 43 | Tahquitz Canyon Way to Ramon Road | N/S | 4/25/2013 | 41-50 | 44 | 49 | 45 | 45 | No Cha |
| | El Cielo Road | 44 | Ramon Road to Mesquite Avenue | N/S | 4/25/2013 | 39-48 | 43 | 47 | 45 | - 45 | No Cha |

| | | Table 3 - Su | mmar | y of 2013 | Segmer | nt Spot | Speed | Survey | | |
|----------------------|----------|--|------------|------------------------|--------------------------|-------------------------|-------------------------|--------------------------------|-------------------------------|--|
| Street | | No. and Location | Dir. | Date | 10-Mile Pace (mph) | 50th % Tile (mph) | 85th % Tile (mph) | Posted Speed Limit (mph) | 2013 Recommended Speeds | Comments |
| Escoba Drive | 46 | El Cielo Road to East Palm Canyon Drive | E/W | 4/25/2013 | 39-48 | 45 | 48 | 45 | 45 | No Change |
| | 47 | Racquet Club Drive to Vista Chino | N/S | 4/11/2013 | 38-47 | 43 | 47 | 45 | 45 | No Change |
| | 48 | Vista Chino to Tamarísk | N/S | 8/22/2013 | 41-50 | 45 | 49 | 45 | 45 | No Change * |
| | 49 | Tamarisk to Alejo Road | N/S | 4/11/2013 | 39-48 | 43 | 49 | 45 | 45 | No Change * |
| Farrell Drive | 50 | Alejo Road to Tahquitz Canyon Way | N/S | 4/11/2013 | 38-47 | 43 | 48 | 45 | 45 | No Change * |
| | 51 | Tahquitz Canyon Way to Ramon Road | N/S | 4/11/2013 | 42-51 | 45 | 49 | 45 | 45 | No Change * |
| | 52 | Ramon Road to Mesquite Avenue | N/S | 4/11/2013 | 43-52 | 47 | 51 | 45 | 45 | No Change * |
| | 53 | Mesquite Avenue to East Palm Canyon Drive | N/S | 4/21/2013 | 40-49 | 44 | 49 | 45 | 45 | No Change * |
| Garnet | - | | | | | | - | | | Increase 85th %tile and low |
| Avenue | 54 | Indian Canyon to West City Limits | ε/W | 4/23/2013 | 23-33 | 27 | 31 | 25 | 30 | accident rate. |
| Gene Autry Trail | 55 - | I-10 to Vista Chino | N/S | 4/24/2013 | 53-62 | 57 | 64 | 55 | 55 | No Change (Narrow painted median, uncontrolfed opposing traffic) |
| Golf Club | 56 | Avenue 34 to Palm Canyon Wash | N/S | 4/24/2013 | 23-33 | 36 | 39 | 35 | 35 | No Change |
| Drive | 57 | Palm Canyon Wash to E. Palm Canyon Drive | N/S | 4/24/2013 | 34-43 | 38 | 43 | 35 | 35 | No Change Continuity of Speeds |
| | 58 59 | 18th to I-10 1-10 to Tramview Road | N/5 N/S | 4/24/2013 8/21/2013 | 49-58 51-60 | 53 56 | 59 59 | 55 5S | 55 55 | No Change * No Change * |
| | 60 | Tramview Road to San Rafael Drive | N/S | 4/9/2013 | 42-51 | 46 | 51 | 45 | 50 | Increase 85th %tile and low accident rate. |
| | 61 | San Rafael Drive to Racquet Club | N/S | 4/9/2013 | 42-51 | 47 | 51 | 45 | 50 | Increase 85th %tile and low accident rate. |
| | 62 | Racquet Club Drive to Vista Chino | N/S | 4/9/2013 | 43-52 | 47 | 52 | 45 | 45 | No Change Continuity |
| | | - | | | | <u> </u> | | | | of Speeds. Increase 85th %tile and low |
| N. Indian Canyon | 63 | Vista Chino to Tachevah Drive | N/S | 4/9/2013 | 38-47 | 42 | 47 | 40 | 45 | accident rate. |
| Drive | 64 | Tachevah Drive to Alejo Road | N/S | 4/9/2013 | 35-44 | 40 | 45 | 40 | 40 | No Change Decrease 85th %tile Speed Approaching Central Business District |
| | 65 | Alejo Road to Amado Road | N/S | 4/9/2013 | 29-38 | 33 | 39 | 30 | 30 | No Change Central Business District |
| | 66 | Amado Road to Andreas Road | N/S | 4/9/2013 | 27-36 | 32 | 37 | 30 | 30 | No Change Central Business District |
| | 67 | Andreas Road to Tahquitz Canyon Way | N/5 | 8/22/2013 | 30-39 | 35 | 39 | 30 | 30 | No Change Central Business District |
| S. Indian | 68 | Tahquitz Canyon Way to Arenas Road | N/S | 4/9/2013 | 28-37 | 33 | 38 | 30 | 30 | No Change Central Business District |
| Canyon Drive | 69 | Arenas Road to Ramon Road | E/W | 4/9/2013 | 30-39 | 34 | 39 | 30 | 30 | No Change Contral Business District |
| | 70 | East Palm Canyon Drive to Camino Real | E/W | 8/21/2013 | 35-44 | 40 | 44 | 40 | 40 | No Change * |
| La Verne Way | 71 | Camino Real to Calle Palo Fierro | ε/W | 4/17/2013 | 34-43 | 39 | 43 | 40 | 40 | No Change * |
| 11 ay | 72 | Calle Palo Fierro to South Palm Canyon Dr. | E/W | 4/17/2013 | 35-44 | 40 | 44 | 40 | 40 | No Change * |
| | 73 | West End to South Palm Canyon Drive | E/W | 8/21/2013 | 25-34 | 29 | 33 | 30 | 30 | No Change * No Change * |
| | 74 75 | South Palm Canyon Drive to Camino Real Camino Real to Sunrise Way | E/W E/W | 8/22/2013 8/22/2013 | 27-36 32-41 | 3034 36 | 35 39 | 35 35 | 30 35 | No Change * |
| Mesquite | 76 | Sunrise Way to Farrell Drive | E/W | 8/21/2013 | 36-45 | 40 | 44 | 40 | 40 | No Change * |
| Avenue | 77 | El Cielo Road to Vella Road | E/W | 5/2/2013 | 31-40 | 35 | 38 | 35 | 35 | No Change |
| | 78 | Vella Road to Gene Autry Trail | E/W | 5/2/2013 | 33-42 | 39 | 43 | 35 | 40 | Increase 85th %tile and low |
| | 79 | Crossley Road to East City Limits | N/S | 8/22/2013 | 46-55 | 50 | 54 | 50 | 50 | accident rate. No Change |
| Dinah Shore Drive | 80 | Gene Autry Trail to Crossley Road | E/W | 5/1/2013 | 40-49 | 44 | 48 | 45 | 45 | No Change * |
| Murray | 81 | South Palm Canyon Drive to Camino Real | E/W | 4/24/2013 | 40-49 | 45 | 48 | 50 | 50 | No Change |
| Canyon | 82 | Camino Real to Toledo Avenue | E/W | 4/24/2013 | 42-51 | 46 | 50 | 50 | 50 | No Change No Change |
| North Palm Canyon | 83 | Vista Chino to Tachevah Drive | N/S | , 4/16/2013 | 38-47 | 43 | 48 | 40 | 40 | Gradual Down Zoning from SR-111 to Match zones entering City and low accident rate. |
| Drive | 84 | Tachevah Drive to Alejo Road | N/S | 4/16/2013 | 33-42 | 37 | 42 | 35 | 35 | No Change Approaching Central Business District and low accident rate. |
| Paseo Dorotea | 85 | Ramon Road to Mesquite Avenue | N/S | 5/1/2013 | 26-35 | 31 | 34 | 25 | 30 | Increase 85th %tile and low accident rate. * |
| | 86 | North Palm Canyon Drive to Indian Canyon | E/W | 4/9/2013 | 40-49 | 43 | 48 | 45 | 45 | No Change * |
| Racquet Club | 87 88 | Indian Canyon to Avenida Caballeros Avenida Caballeros to Sunrise Way | E/W E/W | 4/9/2013 4/9/2013 | 40-49 40-49 | 44 45 | 48 50 | 45 45 | 45 45 | No Change * No Change Continuity |
| Cius | 89 | Avenida Caballeros to Sunrise Way Sunrise Way to Farrell Drive | E/W | 5/1/2013 | 40-49 | 45 | 49 | 45 | 45 | of Speeds No Change * |
| | 90 | West End to South Palm Canyon Drive | E/W | 4/11/2013 | 25-34 | 29 | 32 | 30 | 30 | No Change Increase 85th %tile and low |
| | 91 | South Palm Canyon Drive to Avenida Caballeros | E/W | 4/11/2013 | 39-48 | 43 | 48 | 40 | 45 | accident rate. |

| | | | | 7 0. 2013 | Segmer | it Spot | JPCCU. | Juivey | | |
|-------------------------------|------------|--|--|------------------------|--------------------------|-------------------------|-------------------------|--------------------------------|-------------------------------|--|
| Street | | No. and Location | Dir. | Date | 10-Mile Pace (mph) | 50th % Tile (mph) | 85th % Tile (mph) | Posted Speed Limit (mph) | 2013 Recommended Speeds | Comments |
| | 92 | Avenida Caballeros to Sunrise Way | E/W | 4/11/2013 | 40-49 | 44 | 48 | 40 | 45 | Increase 85th %tile and low accident rate. |
| Ramon Road | 93 | Sunrise Way to Farrell Drive | E/W | 4/11/2013 | 39-48 | 44 | 49 | 40 | 45 | Increase 85th %tile and low accident rate. |
| Ramon Road | 94 | Farrell Drive to El Cielo Road | ε/w | 4/11/2013 | 37-46 | 42 | 47 | 40 | 45 | Increase 85th %tile and low accident rate. |
| : | 95 | El Cielo Road to Gene Autry Trail | E/W | 4/11/2013 | 42/51 | 45 | 48 | 45 | 45 | No Change Low accident rate. |
| | 96 | Gene Autry Trail to San Luis Rey Drive | E/W | 4/11/2013 | 38-47 | 42 | 47 | 40 | 45 | Increase 85th %tile and low accident rate. |
| | 97 | San Luis Rey Drive to East City Limit | EASTBOUND | 4/11/2013 | 39-48 | 42 | 48 | 40 | 45 | Increase 85th %tile and low accident rate. |
| San Luis Rey Drive | 98 | Ramon Road to Mesquite Avenue | N/S | 5/1/2013 | 30-39 | 34 | 37 | 30 | 35 | Increase 85th %tile and low accident rate. |
| | 99 | North Palm Canyon Drive to Virginia Road | E/W | 4/9/2013 | 42-21 | 47 | 51 | 50 | 50 | No Change * |
| San Rafael Drive | 100 | Virginia Road to Indian Canyon Drive | E/W | 4/9/2013 | 41-50 | 46 | 50 | 50 50 | 50 50 | No Change * No Change * |
| Dilve | 101 | Indian Canyon Drive to Avenida Caballeros Avenida Caballeros to Sunrise Way | E/W | 4/9/2013 4/9/2013 | 43-52 45-54 | 47 50 | 51 54 | 50 | 50 | No Change * |
| | 103 | Ramon Road to Mesquite Avenue | N/S | 4/16/2013 | 36-45 | 40 | 44 | 40 | 40 | No Change * |
| | 104 | Mesquite Avenue to East Palm Canyon Drive | N/S | 8/21/2013 | 36-45 | 40 | 44 | 40 | 40 | No Change * |
| a dent | 105 | East Palm Canyon Drive to La Verne Way | N/S | 4/16/2013 | 38-47 | 43 | 47 | 40 | 40 | No Change Continuity of Speeds and low accident |
| South Palm Canyon Drive | 106 | La Verne Way to Avenida Granada | N/S | 4/16/2013 | 37-46 | 41 | 45 | 40 | 40 | rates. No Change Continuity of Speeds Numerous Driveways |
| | 107 | Avenida Granada to Bogert Trail | N/S | 8/22/2013 | 39-48 | 43 | 47 | 40 | 40 | No Change Continuity of Speeds Numerous Driveways and low accident rates. |
| | 108 | Belardo Road to South Palm Canyon Drive | E/W | 4/16/2013 | 28-37 | 34 | 37 | 35 | 35 | No Change |
| | 109 | South Palm Canyon Drive to Calle Palo Fierro | E/W | 8/21/2013 | 31-40 | 35 | 39 | 35 | 35 | No Change |
| | 110 | Calle Palo Fierro to Sunrise Way | E/W | 4/16/2013 | 32-41 | 37 | 41 | 35 | 35 | No Change Continuity |
| Sunny Dunes | 111 | | F (14) | | 20.27 | | 36 | 35 | 35 | of Speeds No Change |
| Road | 111 112 | Compadre Way to El Cielo Road El Cielo Road to Paseo Dorotea | E/W E/W | 4/16/2013 4/16/2013 | 28-37 25-34 | 33 30 | 36 33 | 30 | 30 | No Change * |
| | | | | | | 1 | | | | Increase 85th %tile and low |
| | 113 | Paseo Dorotea to Gene Autry Trail | E/W | 4/16/2013 | 27-36 | 31 | 35 | 30 | 35 | accident rate. No Change |
| | 114 115 | Gene Autry Trail to Crossley Road North End to Racquet Club Drive | E/W N/S | 4/16/2013 4/18/2013 | 34-43 40-49 | 39 45 | 42 49 | 40 40 | 40 45 | Increase 85th %tile and low |
| | 116 | Racquet Club Drive to Vista Chino | N/S | 4/18/2013 | 38-48 | 43 | 49 | 45 | 45 | accident rate. No Change |
| | 117 | Vista Chino to Tachevah Drive | N/S | 4/18/2013 | 41-50 | 45 | 50 | 45 | 45 | No Change (Continuous Speed) |
| Sunrise Way | 118 | Tachevah Drive to Alejo Road | N/S | 4/18/2013 | 41-50 | 44 | 49 | 40 | 45 | Increase 85th %tile and low accident rate. |
| | 119 | Alejo Road to Tahquitz Canyon Way | N/S | 8/22/2013 | 3 6 -45 | 41 | 44 | 40 | 40 | No Change * |
| | 120 | Tahquitz Canyon Way to Ramon Road | N/5 | 8/21/2013 | 31-40 | 34 | 39 | 35 | 35 | No Change * |
| | 121 | Ramon Road to Mesquite Avenue | N/S | 4/18/2013 | 35-44 | 40 | 43 | 40 | 40 | No Change * |
| | 122 | Mesquite Avenue to East Palm Canyon Drive | N/S | 4/18/2013 | 38-47 | 44 | 47 | 45 | 45 | No Change |
| | 123 | Indian Canyon Drive to Via Miraleste | E/W | 4/23/2013 | 24-33 | 27 | 32 | 25 | 30 | Increase 85th %tile and low accident rate. |
| Tachevah | 124 | Via Miraleste to Avenida Caballeros | E/W | 4/23/2013 | 27-36 | 32 | 36 | 25 | 30 | Increase 85th %tile and low accident rate. |
| Drive | 125 | Avenida Caballeros to Sunrise Way | E/W | 4/30/2013 | 30-39 | 34 | 40 | 45 | 40 | Decrease 85th %tile and low accident rate. |
| | 126 | Sunrise Way to Farrell Drive | E/W | 4/23/2013 | 39-48 | 45 | 46 | 45 | 45 | No Change |
| | 127 | Indian Canyon Drive to Calle El Segundo | E/W | 8/21/2013 | 30-39 | 35 | 39 | 35 | 35 | No Change * |
| | 128 | Calle El Segundo to Avenida Caballeros | E/W | 8/22/2013 | 35-44 | 39 | 43 | 40 | 40 | No Change * |
| | 129 | Avenida Cabaîleros to Sunrise Way | E/W | 4/30/2013 | 38-47 | 43 | 47 | 40 | 40 | No Change Conintuity of Speeds and low accident rate, |
| Tahquitz Canyon Way | 130 | Sunrise Way to Farrell Drive | E/W | 4/30/2013 | 39-48 | 42 | 45 | 40 | 40 | No Change Continuity of Speeds and low accident rate. |
| | 131 | Farrell Drive to El Cíclo Road | E/W | 4/30/2013 | 37-46 | 41 | 45 | 40 | 40 | No Change Conintuity of Speeds and low accident rate. |
| Tipton Road | 132 | Hwy 111 to Wendy Road | E/W | 4/23/2013 | 40-49 | 46 | 49 | 50 | 50 | No Change |
| Toledo Avenu | 133 134 | Wendy Road to 1-10 La Verne Way to Murray Canyon Drive | N/S N/S | 4/23/2013 4/17/2013 | 42-51 38-47 | 46 42 | 49 46 | 50 50 | 50 45 | No Change Decrease 85th %tile and low |
| Vella Road | 135 | Ramon Road to Mesquite Avenue | N/S | 8/22/2013 | 31-40 | 35 | 39 | 30 | 35 | accident rate. Increase 85th %tile and low |
| . one road | | , | | · | | 54 | 58 | | | accident rate. No Change |
| Vista Chino | 136 | Gene Autry Trail to East City Limits | E/W | 8/21/2013 | 50-59 | | 30 | 50 | 50 | Vertical Curve and Sight |

SECTION III – SEGMENTS SPEED SURVEY ANALYSIS

3.1 Street Surveillance

Section 2B.13 of the California MUTCD states that the speed limit should be established at or near the 85th percentile speed recorded during the spot speed survey. However, in matching existing conditions with the traffic safety needs of the community, engineering judgment may indicate the need for a further reduction in speed. Whenever such factors are considered to establish the speed limit, they should be documented on the speed survey or in the accompanying engineering report (Appendix A).

The survey streets were driven by Mr. Bill E. Darnell, P.E, Principal-in-Charge, who is a registered Civil and Traffic Engineer in the State of California. The roadway characteristics, location of speed limit signs, conditions not readily apparent to the drivers, type of area adjoining the street (commercial, residential, school zone, parks, etc.) and type of roadway (divided, undivided, number of lanes, etc.) were recorded as part of the study. The roadway characteristics recorded were used to determine if any physical conditions warranted consideration of an *additional* five mile per hour reduction of the recommended speed in accordance with CVC Section 627.

The speed survey segment roadway characteristics for each segment are indicated on the speed zone spot survey data forms in Appendix C.

3.2 Accident Rate Analysis

The accident rate for each speed survey segment was determined by using the most recent accident records as required by CVC Section 627. Based on a review of the City's Accident Record System (Crossroads) reports from January 1, 2010 thru December 31, 2012, mid-block accident rates were calculated for each street surveved.

The results of the accident rate calculations, including the expected accident rates for each type of roadway facility are given in Table 2 and the Engineering and Traffic Survey Summary (Appendix B). The expected accident rates are based on the latest City of Palm Springs compiled data and are as follows:

- Arterial Streets (4-6/Divided) 2.30
- Collector Streets (4/Undivided) 3.55
- Local Streets (2/Undivided) 1.98

The mid-block accident rate in terms of "accidents per 1,000,000 vehicle miles of travel" for each street surveyed was calculated and is shown on Table 2 and on the Engineering and Traffic Survey summary sheets. The following shows a sample calculation.

Accident Rate Calculation:

The rate was calculated using the following equation:

Accident Rate = Number of Midblock accidents per year x 10⁶

24-hour volume x 365 x segment length

Where: Number of mid-block accidents per year based on two

years (January 1, 2010 thru December 31, 2012), 24-hour volume (both directions) in the survey segment and segment length in miles.

Example:

Accident rate on Dinah Shore Drive between Gene Autry Trail and Crossley Road.

Accident Rate = 1×10^6 (8)

21,189 x 0.49x 365 x 2

= 1.06 accidents per million vehicle miles (A/MVM)

The expected accident rate for the segment is 3.55. The calculated accident rate of 1.06 is below the expected rate for this segment.

An evaluation of the 38 roadway location presented on Table 2, were conducted and it is recommended that the existing speed limits be maintained with the exception of the following segments.

3.3 Spot Speed Survey

Spot speed surveys were conducted at each street segment to establish a reasonable and effective speed limit based on the premise that the speed limit thus established conforms to the actual behavior of the majority of motorists. The speed limit should be established at or near the 85th percentile speed recorded for the surveyed segment. However, engineering judgment and other factors such as street surveillance (Section 3.1) and accident rates discussed in Section 3.2 (Section 3.2) may indicate the need to further reduction in establishing reasonable and effective speed limits.

The criteria used in conducting the radar survey are listed in Appendix A.

Appendix C contains the spot speed survey data sheets for each of the 130 sections surveyed. The information collected and data calculated for the radar speed survey are as follows:

- ♦ Posted speed limit
- ♦ Direction of survey
- ◆ Date and time of speed survey
- ♦ 50th Percentile speed
- ♦ 85th Percentile speed
- ♦ 10 mph pace speed
- ♦ Percent over pace speed
- ♦ Range of speeds
- ♦ Number of vehicles observed
- ♦ Average speed
- ♦ Accident History
- ♦ Accident Rate
- ♦ Average Daily Traffic
- ♦ Road Description
- Pedestrian and Bicycle activity

The summary contains information about vehicular speed data observed, accident data, street classification, and any unusual conditions at the location.

SECTION 4.0

SURVEY FINDINGS AND RECOMMENDATIONS

In accordance with the State-imposed speed limit establishment regulation, as defined by CVC Section 627 and the criteria contained in the CAMUTCD 2012 Edition. There are several factors that may be considered to justify setting the prima facie speed limits. The CAMUTCD identifies two options that were previously discussed.

It should be noted that the regulations also state that the *maximum* permissible lowering of the proposed speed limit from the 85th percentile is 5 miles per hour below the estimated 85th percentile speed when documentation of conditions are included justifying the lowering of the speed.

The factors to be considered to lower the recommended speed are:

- Most recent accident record (mid-block)
- Roadway design speed
- Safe stopping sight distance
- Superelevation
- Grades
- Shoulder condition
- Profile condition
- Intersection spacing offsets
- Commercial driveway characteristics (land use)
- Pedestrian traffic with and without sidewalks
- Pedestrian and Bicycle safety

The 85th percentile speed and the above factors were considered in verifying existing speed limits and recommending speed limit changes (increase or decrease). Additionally, discussions were held with City staff in making decisions with respect to changing existing speed limits. This allowed for consideration of any special knowledge of the segment. Table 3 shows the surveyed road segments with posted and recommended speed limits.

4.1 Speed Limit Signing

All California motorists are required to know the basic 15, 25, and 65 MPH speed laws and are tested on the subject when applying for their driver's license. Consequently, speed limit signs covering these conditions need not be posted on City streets. However, although not required by law, speed limit signs for these situations may be posted on streets that have significant daily vehicular traffic volumes, a bypass traffic situation, the continued violation of a residential 25 MPH speed zone, or with other applicable warrants.

It is normal policy to recommend the posting of speed limit signs only on streets that have been covered by the City speed limit ordinance or by warranted situations covered above.

Speed limit signs should be installed at about one-half mile intervals on the City streets which have been speed zoned. Signs are normally installed on the exit side of traffic signal controlled intersections and the more important intersections where there is high side street vehicle entry. It is important that motorists be given adequate information while not over signing, which tends to confuse the motorist.

Enforcement problems can occur when, (a) the highway is posted with inappropriate speed limit signs, (b) the highway is improperly or inadequately posted; or, (c) the highway is not posted nor covered by ordinance and therefore falls under the basic speed law. In any of these events, the result is a debatable validity that may be questioned in court cases where citations are issued and contested.

A survey of the existing speed limit sign postings has been performed. Upon adoption of the recommended speed limits, Darnell & Associates, Inc. will submit memorandum/exhibits showing the recommended installation of new signs and/or relocation of existing signs.

SECTION IV - SUMMARY AND CONCLUSIONS

- 1. The radar survey and the raw data collection were conducted per CVC Section 627.
- 2. A total of 136 sections on the City's arterial, collector, and feeder roadway network were surveyed.
- 3. The accident rate for the majority of the street segments is well below the expected accident rate obtained from the City of Palm Springs for various types of roadway facilities.
- 4. Bicycle and Pedestrian accident frequency did not appear unusually high given the large amount of pedestrian and bicycle activity in the City.
- 5. A summary of recommended speed limits is shown in Table 3. The recommendations comply with the CAMUTCD 2012 Edition criteria.
- 6. It was concluded that the existing speeds on arterial, collector, and feeder roadways in the City of Palm Springs should remain unchanged except on the following roadway sections:
 - ♦ Amado Road between Indian Canyon and Avenida Caballeros: Increase the existing posted speed limit from 35 mph to 40 mph based on the 85th percentile speed.
 - ♦ Barona Road between East Palm Canyon Drive and South End: Increase the existing posted speed limit from 25 mph to 30 mph based on the 85th percentile speed.
 - ♦ Belardo Road between Ramon Road and Sunny Dunes: Increase the existing posted speed limit from 35 mph to 40 mph based on the 85th percentile speed and low accident rate.
 - Belardo Road between Sunny Dunes and S. Belardo Road: Increase the existing posted speed limit from 35 mph to 40 mph based on the 85th percentile speed and low accident rate.
 - Camino Real between La Verne Way and Avenida Granada: Increase the existing posted speed limit from 30 mph to 35 mph based on the 85th percentile speed and low accident rate.
 - Camino Real between Avenida Granada and Murray Canyon: Increase the existing posted speed limit from 30 mph to 35 mph based on the 85th percentile speed and low accident rate.
 - ♦ Civic Drive between Aviation Way and Tahquitz Canyon Drive: Increase the existing posted speed limit from 25 mph to 30 mph based on the 85th percentile speed and low accident rate.
 - ♦ Civic Drive between Tahquitz Canyon Drive and Baristo Road: Increase the existing posted speed limit from 25 mph to 30 mph based on the 85th percentile speed and low accident rate.

- ♦ Dillon Road between Diablo and Melissa: Decrease the existing posted speed limit from posted speed limit 55 mph to 50 mph based on the 85th percentile speed and low accident rate.
- ♦ Garnet Avenue between Indian Canyon and West City Limits: Increase the existing posted speed limit from 25 mph to 30 mph based on the 85th percentile speed and low accident rate.
- ♦ N. Indian Canyon Drive between Tramview Road and San Rafael Drive: Increase the existing posted speed limit from 45 mph to 50 mph based on the 85th percentile speed and low accident rate.
- ♦ N. Indian Canyon Drive between San Rafael Drive and Racquet Club Drive: Increase the existing posted speed limit from 45 mph to 50 mph based on the 85th percentile speed and low accident rate.
- N. Indian Canyon Drive between Vista Chino and Tachevah Drive: Increase the existing posted speed limit from 40 mph to 45 mph based on the 85th percentile speed and low accident rate.
- ♦ Mesquite Avenue between Vella Road and Gene Autry Trail: Increase the existing posted speed limit from 35 mph to 40 mph based on the 85th percentile speed and low accident rate.
- Paseo Dorotea between Ramon Road and Mesquite Avenue: Increase the existing posted speed limit from 25 mph to 30 mph based on the 85th percentile speed and low accident rate.
- Ramon Road between South Palm Canyon Drive and Avenida Caballeros: Increase the existing posted speed limit from 40 mph to 45 mph based on the 85th percentile speed and low accident rate.
- ♦ Ramon Road between Avenida Caballeros and Sunrise Way: Increase the existing posted speed limit from 40 mph to 45 mph based on the 85th percentile speed and low accident rate.
- ♦ Ramon Road between Sunrise Way and Farrell Drive: Increase the existing posted speed limit from 40 mph to 45 mph based on the 85th percentile speed and low accident rate.
- Ramon Road between Farrell Drive and El Cielo Road: Increase the existing posted speed limit from 40 mph to 45 mph based on the 85th percentile speed and low accident rate.
- ♦ Ramon Road between Gene Autry Trail and San Luis Rey Drive: Increase the existing posted speed limit from 40 mph to 45 mph based on the 85th percentile speed and low accident rate.

- Ramon Road between San Luis Rey Drive and East City Limits: Increase the existing posted speed limit from 40 mph to 45 mph based on the 85th percentile speed and low accident rate.
- ♦ San Luis Rey Drive between Ramon Road to Mesquite Avenue: Increase the existing posted speed limit from 30 mph to 35 mph based on the 85th percentile speed and low accident rate.
- ♦ Sunny Dunes Road between Paseo Dorotea and Gene Autry Trail: Increase the existing posted speed limit from 30 mph to 35 mph based on the 85th percentile speed and low accident rate.
- ♦ Sunrise Way between North End and Racquet Club Drive: Increase the existing posted speed limit from 40 mph to 45 mph based on the 85th percentile speed and low accident rate.
- ♦ Sunrise Way between Tachevah Drive and Alejo Road: Increase the existing posted speed limit from 40 mph to 45 mph based on the 85th percentile speed and low accident rate.
- ♦ Tachevah Drive between Indian Canyon Drive and Via Miraleste: Increase the existing posted speed limit from 25 mph to 30 mph based on the 85th percentile speed and low accident rate.
- ♦ Tachevah Drive between Via Miraleste and Avenida Caballeros: Increase the existing posted speed limit from 25 mph to 30 mph based on the 85th percentile speed and low accident rate.
- ♦ Tachevah Drive between Avenida Caballeros and Sunrise Way: Decrease the existing posted speed limit from 45 mph to 40 mph based on the 85th percentile speed and low accident rate.
- ♦ Toledo Avenue between La Verne Way and Murray Canyon Drive: Decrease the existing posted speed limit from 50mph to 45 mph based on the 85th percentile speed and low accident rate.
- ♦ Vella Road between Ramon Road and Mesquite Ave: Increase the existing posted speed limit from 30 mph to 35 mph based on the 85th percentile speed and low accident rate.