



## ENGINEERING AND TRAFFIC SURVEY FOR SPEED LIMITS CITY OF BANNING

FEBRUARY 2018

**CERTIFICATION**

I, Dilesh Sheth, do hereby certify that this Engineering and Traffic Survey for the City of Banning was performed under my supervision. I certify that I am experienced in performing surveys of this type and duly registered in the State of California as a Professional Civil and Traffic Engineer.



*Dilesh Sheth*

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**2018 ENGINEERING AND TRAFFIC SURVEY**  
**For**  
**CITY OF BANNING**

Prepared by

**Albert A. Webb Associates**

For

**CITY OF BANNING  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DIVISION**

**99 EAST RAMSEY STREET  
BANNING, CA 92220**

**February 2018**

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## SECTION 1 - INTRODUCTION

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This Engineering and Traffic Survey is intended to serve as the basis for the establishment and enforcement of speed limits for selected streets within the City of Banning. This survey was authorized by the City and independently conducted by the private consulting firm Albert A. Webb Associates.

Engineering and traffic surveys for speed limits should be conducted once every five (5), seven (7), or ten (10) years for the purpose of complying with *California Vehicle Code* (CVC) Section 40802.

### ■ Regulations and Guidelines

CVC Division 11, Chapter 7 defines the California Speed Laws. CVC Section 22352 indicates that *prima facie* speed limits are 15 miles per hour (mph) at unprotected railroad grade crossings, uncontrolled highway intersections with sight restrictions, and on any alley. In addition, the *prima facie* speed limit is 25 mph in residence and business districts, when approaching or passing a school building or grounds thereof, or when passing a senior center or other facility primarily used by senior citizens. CVC Division 1 defines a business district and residence district in Sections 235 and 515, respectively.

*A “business district” is that portion of a highway and the property contiguous thereto (a) upon one side of which highway, for a distance of 600 feet, 50 percent or more of the contiguous property fronting thereon is occupied by buildings in use for business, or (b) upon both sides of which highway, collectively, for a distance of 300 feet, 50 percent or more of the contiguous property fronting thereon is so occupied. A business district may be longer than the distances specified in this section if the above ratio of buildings in use for business to the length of the highway exists.<sup>1</sup>*

*A “residence district” is that portion of a highway and the property contiguous thereto, other than a business district, (a) upon one side of which highway, within a distance of a quarter of a mile, the contiguous property fronting thereon is occupied by 13 or more separate dwelling houses or business structures, or (b) upon both sides of which highway, collectively, within a distance of a quarter of a mile, the contiguous property fronting thereon is occupied by 16 or more separate dwelling houses or business structures. A residence district may be longer than one-quarter of a mile if the above ratio of separate dwelling houses or business structures to the length of the highway exists.<sup>2</sup>*

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<sup>1</sup> California Department of Motor Vehicles, *California Vehicle Code*, Division 1, Section 235, 2015

<sup>2</sup> California Department of Motor Vehicles, *California Vehicle Code*, Division 1, Section 515, 2015

Section 22357(a) permits the establishment of speed limits greater than 25 mph based on the following text:

*Whenever a local authority determines upon the basis of an engineering and traffic survey that a speed greater than 25 miles per hour would facilitate the orderly movement of vehicular traffic and would be reasonable and safe upon any street other than a state highway otherwise subject to a prima facie limit of 25 miles per hour, the local authority may by ordinance determine and declare a prima facie speed limit of 30, 35, 40, 45, 50, 55, or 60 miles per hour or a maximum speed limit of 65 miles per hour, whichever is found most appropriate to facilitate the orderly movement of traffic and is reasonable and safe.<sup>3</sup>*

Therefore, the CVC allows local authorities to increase the prima facie limits by ordinance or resolution to appropriate limits as determined by an engineering and traffic survey. Posted speed limits not defined in the CVC or established by ordinance are not valid. The CVC requires that speed surveys must be performed with the use of radar or other electronic devices at locations where speed limits are to be enforced with the use of radar. The current survey must be completed within five years as specified in Section 40802(a), seven years as specified in Section 40802(c), or ten years as specified in Section 40802(c), of the date of the preceding survey. A survey allowed to expire passed the valid duration of the previous survey would constitute a speed trap as defined in Sections 40802 of the CVC:

- (a) A “speed trap” is either of the following:
  - (1) A particular section of a highway measured as to distance and with boundaries marked, designated, or otherwise determined in order that the speed of a vehicle may be calculated by securing the time it takes the vehicle to travel the known distance.
  - (2) A particular section of a highway with a prima facie speed limit that is provided by this code or by local ordinance under subparagraph (A) of paragraph (2) of subdivision (a) of Section 22352, or established under Section 22354, 22357, 22358, or 22358.3, if that prima facie speed limit is not justified by an engineering and traffic survey conducted within five years prior to the date of the alleged violation, and enforcement of the speed limit involves the use of radar or any other electronic device that measures the speed of moving objects. This paragraph does not apply to a local street, road, or school zone.
- (b) (1) For purposes of this section, a local street or road is one that is functionally classified as “local” on the “California Road System Maps,” that are approved by the Federal Highway Administration and maintained by the Department of Transportation. When a street or road does not appear on the “California Road System Maps,” it may be defined as a “local street or road” if it primarily provides access to abutting residential property and meets the following three conditions:
  - (A) Roadway width of not more than 40 feet.

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<sup>3</sup> California Department of Motor Vehicles, *California Vehicle Code*, Division 11, Chapter 7, Section 22357, 2015

- (B) Not more than one-half of a mile of uninterrupted length. Interruptions shall include official traffic control signals as defined in Section 445.
- (C) Not more than one traffic lane in each direction.
- (2) For purposes of this section, 'school zone' means that area approaching or passing a school building or the grounds thereof that is contiguous to a highway and on which is posted a standard 'SCHOOL' warning sign, while children are going to or leaving the school either during school hours or during the noon recess period. 'School zone' also includes the area approaching or passing any school grounds that are not separated from the highway by a fence, gate, or other physical barrier while the grounds are in use by children if that highway is posted with a standard 'SCHOOL' warning sign.<sup>4</sup>

## ■ Requirements and Methodology of an Engineering and Traffic Study

Speed zones are primarily established to protect the public from the unreasonable behavior of reckless, unreliable, or otherwise dangerous drivers. Speed limits are normally set near the 85th-percentile speed that statistically represents one standard deviation above the average speed. The 85th-percentile speed is defined as the speed at or below which 85 percent of traffic is moving. Speed limits established on this basis conform to the greater majority of motorists as to what speed is reasonable and prudent, and are not dependent on the judgment of one or a few individuals.

The Engineering and Traffic Survey, as defined in CVC Section 627, must consider the prevailing speeds, accident records, and highway, traffic, and roadside conditions not readily apparent to the driver. Local authorities may also consider residential density and pedestrian and bicycle safety. Speed zones are also established to advise motorist of road conditions or hazards, which may not be readily apparent to a reasonable driver. For this reason, a field review of related road/traffic variables is conducted which is considered in combination with the statistical data and collision history of a particular roadway segment to determine a safe and reasonable speed limit. The specific procedures used in the performance of an Engineering and Traffic Study are outlined in the *California Manual on Uniform Traffic Control Devices, 2014 Edition* (CA MUTCD). The statistical factors used to analyze the collected speed survey data and additional factors as noted in the CA MUTCD to consider are defined in the following section.

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<sup>4</sup> California Department of Motor Vehicles, *California Vehicle Code*, Division 17, Chapter 3, Section 40802, 2015

## SECTION 2 - SPEED SURVEY EVALUATION

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Forty-six (46) locations were evaluated by Albert A. Webb Associates and are included in this report. The location and the limits of this section are listed in Table 2-1.

**Table 2-1 – Survey Locations and Limits**

No	Street	From	To
1	8th Street	Gilman Street	Interstate 10
2	22nd Street	Ramsey Street	Westward Avenue
3	Highland Home Road	Wilson Street	Ramsey Street
4	Hathaway Street	Hoffer Street	Ramsey Street
5	Hathaway Street	Lincoln Street	Wesley Street
6	Mountain Avenue	Mockingbird Lane	Wilson Street
7	Highland Springs Avenue	North City Limit	Oak Valley Parkway
8	Highland Springs Avenue	Oak Valley Parkway	Wilson Street
9	Highland Springs Avenue	Wilson Street	Sun Lakes Boulevard
10	Highland Springs Avenue	Sun Lakes Boulevard	South City Limit
11	San Gorgonio Avenue	Lombardy Lane	Wilson Street
12	San Gorgonio Avenue	Wilson Street	Ramsey Street
13	San Gorgonio Avenue	Ramsey Street	Lincoln Street
14	Sunset Avenue	Wilson Street	Ramsey Street
15	Sunset Avenue	Ramsey Street	Westward Avenue
16	Hargrave Street	Wilson Street	Ramsey Street
17	Hargrave Street	Ramsey Street	Wesley Street
18	Omar Street	Ramsey Street	Wilson Street
19	Alessandro Road	Repllier Street	Wilson Street
20	Alessandro Road	Ramsey Street	Wilson Street
21	Lincoln Street	Sunset Avenue	22nd Street
22	Lincoln Street	22nd Street	8th Street
23	Lincoln Street	8th Street	San Gorgonio Avenue
24	Lincoln Street	San Gorgonio Avenue	Hathaway Street
25	Ramsey Street	Highland Springs Avenue	Highland Home Road
26	Ramsey Street	Highland Home Road	Sunset Avenue
27	Ramsey Street	Sunset Avenue	22nd Street
28	Ramsey Street	22nd Street	8th Street
29	Ramsey Street	8th Street	Hargrave Street
30	Ramsey Street	Hargrave Street	Interstate 10

**Table 2-1 – Survey Location and Limits (continued)**

No	Street	From	To
31	Nicolet Street	Sunset Avenue	22nd Street
32	Nicolet Street	22nd Street	4th Street
33	Nicolet Street	4th Street	Hargrave Street
34	Nicolet Street	Hargrave Street	Hathaway Street
35	Wilson Street	Highland Springs Avenue	Highland Home Road
36	Wilson Street	Highland Home Road	Sunset Avenue
37	Wilson Street	Sunset Avenue	16th Street
38	Wilson Street	16th Street	San Gorgonio Avenue
39	Wilson Street	San Gorgonio Avenue	Hargrave Street
40	Sun Lakes Boulevard	Country Club Drive	Highland Home Road
41	Westward Avenue	Sunset Avenue	San Gorgonio Avenue
42	Williams Street	Sunset Avenue	Hathaway Street
43	George Street	Sunset Avenue	Woodland Avenue
44	George Street	20th Street	8th Street
45	George Street	8th Street	San Gorgonio Avenue
46	Sun Lakes Boulevard	Highland Springs Avenue	Country Club Drive

## ■ Field Review

Speed data was collected using calibrated radar speed guns and was performed by a sub-consultant to Albert A. Webb Associates, Counts Unlimited. Each of the radar speed surveys were made from an inconspicuously parked, unmarked vehicle. An effort was made to ensure that the presence of the vehicle in no way affected the speed of the traffic being surveyed.

Field information from these speed surveys and other roadway characteristics were recorded on field data forms and later coded into engineering software for analysis purposes. CA MUTCD Section 2B.13 indicates that in order for the sample to be representative of the actual traffic flow, it is desirable to have a minimum sample of 100 vehicles for a speed zone survey, but in no case should the sample contain less than 50 vehicles. In addition to speed data, average daily traffic (ADT) volumes for each segment were collected from the survey using pneumatic tube counters.

Examples of the field data collected for the purposes of analyzing related roadway characteristics as they pertain to the determination of appropriate speed limits are listed below. The results of the field review for related roadway and traffic variables are summarized in the next section of this report.

1. Segment length, width and alignment;
2. Level of pedestrian and bicycle activity, truck volume;
3. Traffic flow characteristics;
4. Number of lanes and other channelization/stripping factors;
5. Frequency of intersections, driveways, on-street parking, bike lanes;
6. Locations of stop signs, traffic signals, and other regulatory traffic control devices;
7. Roadway condition, bumps and dips;
8. Obstructions to driver/pedestrian visibility;

9. Land use and proximity of schools, parks/recreation areas and senior centers;
10. Uniformity with existing speed zones in adjacent jurisdictions; and
11. Any other unusual conditions or hazards not readily apparent to the driver.

## ■ Statistical Analysis Factors

Significant factors used to analyze the collected survey data are summarized below:

- **85th-Percentile Speed.** The critical speed, or the 85th-percentile speed, is defined as that speed at or below which 85 percent of the traffic is moving. This factor is the primary guide in determining what speed the majority of drivers find safe and reasonable. Therefore, the practice is to set the speed limit to the nearest 5 mph increment from the 85th-percentile speed unless other factors require a lower limit. Speed limits set on this basis provide law enforcement officials with a means of controlling reckless or unreliable drivers who will not conform to what the majority finds reasonable.
- **10-mph Pace.** The 10-mph pace is the 10-mph increment range which contains the largest number of recorded vehicles. This factor is a measure of the dispersion of speeds within the sample surveyed. Speed limits should normally be set to fall within the 10-mph pace, however, conditions not readily apparent to the driver or adhering to state mandated limits such as in residence districts may require setting speed limits below the 10-mph pace.
- **50th-Percentile Speed.** The median speed, or 50th-percentile speed, represents the mid-point value within the range of recorded speeds for a particular roadway location. In other words, 50 percent of the vehicles travel faster than, and 50 percent travel slower than, the median speed. This value is another measure of the central tendency of the vehicle speed distribution. Typically speed limits should not be set below the 50th-percentile speed, since it would result in greater than 50-percent of the drivers exceeding the speed limit.
- **15th-Percentile Speed.** The 15th-percentile speed is that speed at or below which 15 percent of the vehicles are traveling. This value is important in determining the minimum allowable speed limit, given that the vehicles traveling below this speed tend to obstruct the flow of traffic, thereby increasing the collision potential.
- **Percent of Vehicles in Pace Speed.** The percent of vehicles in the 10-mph pace speed is an indication of the grouping of vehicular speeds. Ideally, if all vehicles were traveling at or about the same speed, there would be a reduced likelihood of vehicular collisions. In speed limit analysis, the higher the percent of vehicles within the pace speed, the more favorable the speed distribution. The percent of the 10-mph pace is often between 60 and 90 percent.

## ■ 2014 CA MUTCD Standard

The 2014 CA MUTCD Section 2B.13 sets the standard for establishing posted speed limits:

*Standard:*

*When a speed limit is to be posted, it shall be established at the nearest 5 mph increment of the 85th-percentile speed of free-flowing traffic, except as shown in the two Options below.*

*Option:*

- 1. The posted speed may be reduced by 5 mph from the nearest 5 mph increment of the 85th-percentile speed, in compliance with CVC Sections 627 and 22358.5. See Standard below for documentation requirements.*
- 2. For cases in which the nearest 5 mph increment of the 85th-percentile speed would require a rounding up, then the speed limit may be rounded down to the nearest 5 mph increment below the 85th-percentile speed, if no further reduction is used. Refer to CVC Section 21400(b).<sup>5</sup>*

## ■ Collision History

The Engineering and Traffic Survey forms summarize the available collision information for each of the street segments. The collision information was gathered from the California Statewide Integrated Traffic Records System (SWITRS) between January 1, 2015 to December 31, 2016. Based on the number of total collisions per segment studied over the 2 year period and ADT volumes, a collision rate per million vehicle miles was calculated for the segment. To provide a general comparison of the collision rates on the segment to expected collision rates for similar types of local roadways, the collision rate for the segment was compared to the statewide average rate listed in the 2009 Collision Data on California State Highways (road miles, travel, collisions, collision rates)<sup>6</sup> as listed in Table 2-2. Only the segments that experienced collisions due to unsafe speeds in the studied timeframe are shown in the table. The calculated collision rate for the segment is shown on Table 2-3.

**Table 2-2 – 2009 California State Highways Collision Rate**

Lane Type	Total Accidents per Million Vehicle Miles (AMVM)
2 and 3 Lane Roadway	1.10
4+ Lanes (Undivided Highway)	1.85
4+ Lanes (Divided Highway)	1.48

<sup>5</sup> California Department of Transportation, *California Manual on Uniform Traffic Control Devices, 2014 Edition*, Chapter 2B, Section 2B.13, November 2014

<sup>6</sup> California Department of Transportation, *2009 Collision Data on California State Highways (road miles, travel, collisions, collision rates)*, April 2011

**Table 2-3 – Road Segment Collision Rates from January 1, 2015 to December 31, 2016**

No	Street	From	To	Average Daily Traffic	Lane Type	Number of Unsafe Speed Collisions (1/1/15-12/31/16)	Accidents per Million Vehicle Miles
11	San Gorgonio Avenue	Lombardy Lane	Wilson Street	1,664	2 Lanes	1	1.11
26	Ramsey Street	Highland Home Road	Sunset Avenue	10,701	4 Lanes Divided	1	0.12
27	Ramsey Street	Sunset Avenue	22nd Street	9,397	4 Lanes Divided	2	0.46
35	Wilson Street	Highland Springs Avenue	Highland Home Road	10,754	2 Lanes	2	0.25
37	Wilson Street	Sunset Avenue	16th Street	6,529	2 Lanes	1	0.21
38	Wilson Street	16th Street	San Gorgonio Avenue	5,025	2 - 4 Lanes	1	0.27
39	Wilson Street	San Gorgonio Avenue	Hargrave Street	2,461	2 Lanes	1	1.11

## SECTION 3 - RESULTS AND RECOMMENDATIONS

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The recommendations contained in this report are intended to establish *prima facie* speed limits. *Prima facie* limits attempt to advise the motorist and enforcement of the reasonable speed for a particular section of roadway for the prevailing conditions.

The Engineering and Traffic Survey Sheets presented in this section illustrate the results of a thorough evaluation of the available data and indicate a recommended speed limit for the street segment surveyed. A summary of the data analysis, along with the recommended speed limit can be found in Table 3-1 followed by a description of the recommendations for roadway segments with changing posted speed limits or for speed limits that were rounded down per CVC 21400(b).

**Table 3-1 – Speed Survey Recommendations**

No	Street	From	To	Existing Speed Limit	85th %ile Speed	Recom Speed Limit	Justification
1	8th Street	Gilman Street	Interstate 10	NP	32	30	85th percentile speed
2	22nd Street	Ramsey Street	Westward Avenue	35	34	35	85th percentile speed
3	Highland Home Road	Wilson Street	Ramsey Street	40	38	40	85th percentile speed
4	Hathaway Street	Hoffer Street	Ramsey Street	35	43	40	85th percentile speed rounded down per CVC 21400(b)
5	Hathaway Street	Lincoln Street	Wesley Street	35	44	40	85th percentile speed rounded down per CVC 21400(b)
6	Mountain Avenue	Mockingbird Lane	Wilson Street	35	40	40	85th percentile speed
7	Highland Springs Avenue	North City Limit	Oak Valley Parkway	50	44	45	85th percentile speed
8	Highland Springs Avenue	Oak Valley Parkway	Wilson Street	50	43	45	85th percentile speed
9	Highland Springs Avenue	Wilson Street	Sun Lakes Boulevard	35	30	30	85th percentile speed
10	Highland Springs Avenue	Sun Lakes Boulevard	South City Limit	35	38	35	85th percentile speed rounded down per CVC 21400(b)
11	San Gorgonio Avenue	Lombardy Lane	Wilson Street	30	35	30	85th percentile speed reduced per CVC 21400(b)
12	San Gorgonio Avenue	Wilson Street	Ramsey Street	30	26	25	Business District, on-street parking and nearby school
13	San Gorgonio Avenue	Ramsey Street	Lincoln Street	30	30	30	85th percentile speed
14	Sunset Avenue	Wilson Street	Ramsey Street	NP	42	40	85th percentile speed
15	Sunset Avenue	Ramsey Street	Westward Avenue	35	40	35	85th percentile speed reduced per CVC 21400(b)
16	Hargrave Street	Wilson Street	Ramsey Street	30	23	25	85th percentile speed
17	Hargrave Street	Ramsey Street	Wesley Street	35	31	30	85th percentile speed
18	Omar Street	Ramsey Street	Wilson Street	NP	37	35	85th percentile speed
19	Alessandro Road	Repllier Street	Wilson Street	30	39	35	85th percentile speed rounded down per CVC 21400(b)

**Table 3-1 – Speed Survey Recommendations (continued)**

No	Street	From	To	Existing Speed Limit	85th %ile Speed	Recom Speed Limit	Justification
20	Alessandro Road	Ramsey Street	Wilson Street	30	36	30	Buildings and on-street parking
21	Lincoln Street	Sunset Avenue	22nd Street	40	39	40	85th percentile speed
22	Lincoln Street	22nd Street	8th Street	40	47	45	85th percentile speed
23	Lincoln Street	8th Street	San Gorgonio Avenue	40	47	45	85th percentile speed
24	Lincoln Street	San Gorgonio Avenue	Hathaway Street	40	43	45	85th percentile speed
25	Ramsey Street	Highland Springs Avenue	Highland Home Road	50	53	50	85th percentile speed rounded down per CVC 21400(b)
26	Ramsey Street	Highland Home Road	Sunset Avenue	50	48	45	85th percentile speed rounded down per CVC 21400(b)
27	Ramsey Street	Sunset Avenue	22nd Street	40	42	40	85th percentile speed
28	Ramsey Street	22nd Street	8th Street	35	39	40	85th percentile speed
29	Ramsey Street	8th Street	Hargrave Street	25	40	25	Business District and on-street parking
30	Ramsey Street	Hargrave Street	Interstate 10	35	40	40	85th percentile speed
31	Nicolet Street	Sunset Avenue	22nd Street	35	40	40	85th percentile speed
32	Nicolet Street	22nd Street	4th Street	35	36	35	85th percentile speed
33	Nicolet Street	4th Street	Hargrave Street	25	31	30	85th percentile speed
34	Nicolet Street	Hargrave Street	Hathaway Street	25	38	35	85th percentile speed rounded down per CVC 21400(b)
35	Wilson Street	Highland Springs Avenue	Highland Home Road	45	49	45	85th percentile speed rounded down per CVC 21400(b)
36	Wilson Street	Highland Home Road	Sunset Avenue	45	46	45	85th percentile speed

**Table 3-1 – Speed Survey Recommendations (continued)**

No	Street	From	To	Existing Speed Limit	85th %ile Speed	Recom Speed Limit	Justification
37	Wilson Street	Sunset Avenue	16th Street	45	49	50	85th percentile speed
38	Wilson Street	16th Street	San Gorgonio Avenue	35	38	40	85th percentile speed
39	Wilson Street	San Gorgonio Avenue	Hargrave Street	35	34	35	85th percentile speed
40	Sun Lakes Boulevard	Country Club Drive	Highland Home Road	35	36	35	85th percentile speed
41	Westward Avenue	Sunset Avenue	San Gorgonio Avenue	35	45	40	School and on-street parking
42	Williams Street	Sunset Avenue	Hathaway Street	25	35	25	Residential district and on-street parking
43	George Street	Sunset Avenue	Woodland Avenue	25	33	25	Residential district and on-street parking
44	George Street	20th Street	8th Street	35	38	35	85th percentile speed rounded down per CVC 21400(b)
45	George Street	8th Street	San Gorgonio Avenue	25	35	25	Residential district and on-street parking
46	Sun Lakes Boulevard	Highland Springs Avenue	Country Club Drive	35	36	35	85th percentile speed

## ■ 8<sup>th</sup> Street

### Speed Survey Summary of Findings

Street	From	To	Existing Speed Limit	85th %ile Speed	Median Speed	15th %ile Speed	10mph Pace Range	% in Pace Range	Accidents per Million Vehicle Miles	Recom Speed Limit	Justification
8th Street	Gilman Street	Interstate 10	NP	32	28	22	25-34	73%	0.00	30	85th percentile speed

#### ▪ Conditions

8<sup>th</sup> Street is a north-south two (2) lane undivided secondary highway with double-yellow centerline striping. The studied segment is approximately 4,300 feet long. On-street parking is allowed on both sides of the street. The surrounding land uses are residential with few commercial and many vacant lots. The intersection of 8<sup>th</sup> Street and Gilman Street, 8<sup>th</sup> Street and Wilson Street, and 8<sup>th</sup> Street and Nicolet Street are four-way stop controlled while the intersection of 8<sup>th</sup> Street and Ramsey Street is signalized. There are five minor two-way stop controlled intersections within the roadway segment at King Street, Hoffer Street, George Street, Cottonwood Road and Williams Street and three minor one-way stop controlled “T” intersections within the roadway segment at Christie Street, Jacinto View Road and Hays Street. There are no bike lanes. Sidewalks exist mostly on the entire length of the segment except on the east side between Gilman Street and King Street and on the west side between King Street and Hoffer Street. There is no existing speed limit sign within the roadway segment.

Between Gilman Street and Interstate 10, 8<sup>th</sup> Street carries approximately 5,301 vehicles per day. The speed survey was conducted on May 2, 2017. The 85th-percentile speed was measured at 32 mph.

#### ▪ Comments

The 85th-percentile speed of 32 mph indicates a speed limit of 30 mph between Gilman Street and Interstate 10. There was no unsafe speed-related collision during the past two years.

#### ▪ Recommendations

The results of the speed survey indicate a speed limit of 30 mph in this segment. Based on the observed conditions, it is recommended that the posted speed limit on 8<sup>th</sup> Street between Gilman Street and Interstate 10 be 30 mph.

## ■ Hathaway Street

### Speed Survey Summary of Findings

Street	From	To	Existing Speed Limit	85th %ile Speed	Median Speed	15th %ile Speed	10mph Pace Range	% in Pace Range	Accidents per Million Vehicle Miles	Recom Speed Limit	Justification
Hathaway Street	Hoffer Street	Ramsey Street	35	43	36	28	34-43	48%	0.00	40	85th percentile speed rounded down per CVC 21400(b)
Hathaway Street	Lincoln Street	Wesley Street	35	44	32	24	30-39	39%	0.00	40	85th percentile speed rounded down per CVC 21400(b)

#### ▪ Conditions

For the purpose of this study, Hathaway Street is separated into two segments:

- Hoffer Street to Ramsey Street
- Lincoln Street to Wesley Street

Hathaway Street is a north-south two (2) lane undivided secondary highway with no centerline striping between Hoffer Street and Morongo Road, and between Barbour Street and Wesley Street. There is a double yellow centerline striping between Morongo Road and Ramsey Street, and between Lincoln Street and Barbour Street. The studied segment is approximately 6,668 feet long between Hoffer Street and Wesley Street. On-street parking is allowed on both sides of the street. There are nineteen residential driveways on the segment. The surrounding land uses are residential with mostly vacant lots. There are nine minor one-way stop controlled "T" intersections within the roadway segment at Hoffer Street, Morongo Street, George Street, Nicolet Street, Jacinto View Road, Williams Street, Ramsey Street, Bryan Street and Adam Street. The intersection of Hathaway Street and Barbour Street, Hathaway Street and Charles Street, and Hathaway Street and Wesley Street are two-way stop controlled. There are no bike lanes. Sidewalks exist only on the west side of Hathaway Street between 640' north of George Street and George Street, between 140' north of Jacinto View Road and 160' south of Jacinto View Road, between Lincoln Street and Westward Avenue, and between Charles Street and Wesley Street. The road narrows to 21' in some areas. There are 35 mph speed limit pavement marking and 35 mph speed limit signs on the roadway segment.

Between Hoffer Street and Wesley Street, Hathaway Street carries approximately 3,494 vehicles per day. The speed survey was conducted on April 26, 2017. The 85th-percentile speed between Hoffer Street and Ramsey Street was measured at 43 mph. The 85th-percentile speed between Lincoln Street and Wesley Street was measured at 44 mph.

#### ▪ Comments

The 85th-percentile speed of 43 mph indicates a speed limit of 45 mph between Hoffer Street and Ramsey Street and the 85<sup>th</sup>-percentile speed of 44 mph indicates a speed limit of 45 mph between Lincoln Street and Wesley Street. There was also no unsafe speed-related collision during the past two years.

- **Recommendations**

Rounding the 85<sup>th</sup>-percentile speed to the nearest 5 mph increment indicates a speed limit of 45 mph in this segment. However, the roadway has no bike lane and very little pedestrian facilities. There are many “T” intersections on the segment. The 10 mph pace range is lower than the 85<sup>th</sup>-percentile speed which means that traffic is travelling slower than 45 mph. Based on the observed conditions and per CVC Section 21400(b), it is recommended that the posted speed limit on Hathaway Street between Hoffer Street and Ramsey Street be 40 mph.

Rounding the 85<sup>th</sup>-percentile speed to the nearest 5 mph increment indicates a speed limit of 40 mph in this segment. However, the roadway has no bike lane and very little pedestrian facilities. There are many “T” intersections on the segment. The 10 mph pace range is lower than the 85<sup>th</sup>-percentile speed which means that traffic is travelling slower than 45 mph. Based on the observed conditions and per CVC Section 21400(b), it is recommended that the posted speed limit on Hathaway Street between Lincoln Street and Wesley Street be 40 mph.

## ■ Mountain Avenue

### Speed Survey Summary of Findings

Street	From	To	Existing Speed Limit	85th %ile Speed	Median Speed	15th %ile Speed	10mph Pace Range	% in Pace Range	Accidents per Million Vehicle Miles	Recom Speed Limit	Justification
Mountain Avenue	Mockingbird Lane	Wilson Street	35	40	33	27	29-38	62%	0.00	40	85th percentile speed

#### ▪ Conditions

Mountain Avenue is a north-south two (2) lane undivided local street with centerline striping. The studied segment is approximately 4,696 feet long. On-street parking is allowed on both sides of the street. There are ten residential driveways fronting the segment. The surrounding land uses are residential, a church and a school. The intersection of Mountain Avenue and Wilson Street is signalized. The intersections of Broadway Avenue and Mockingbird Lane, Hillside Drive, Evergreen Lane, Oak Lane, Cypress Street, Elm Street, and Red Bluff Lane are one- or three-way stop-controlled. There are no bike lanes. Sidewalks exist on the west side between Hillside Drive and Wilson Street and on the east side between 500' north of Cypress Street and Wilson Street. Canyon Estates Drive is curvilinear which can pose sight distance issues at the intersection of Broadway Avenue and Crosswinds Court. There is a 35 mph speed limit sign posted just north of Wilson Street.

Between Mockingbird Lane and Wilson Street, Mountain Avenue carries approximately 2,003 vehicles per day. The speed survey was conducted on May 4, 2017. The 85<sup>th</sup>-percentile speed was measured at 40 mph.

#### ▪ Comments

The 85<sup>th</sup>-percentile speed of 40 mph indicates a speed limit of 40 mph between Mockingbird Lane and Wilson Street. There was no unsafe speed-related collision during the past two years.

#### ▪ Recommendations

The results of the speed survey indicate a speed limit of 40 mph in this segment. Based on the observed conditions, it is recommended that the posted speed limit on Mountain Avenue between Mockingbird Lane and Wilson Street be 40 mph.

## ■ Highland Springs Avenue

### Speed Survey Summary of Findings

Street	From	To	Existing Speed Limit	85th %ile Speed	Median Speed	15th %ile Speed	10mph Pace Range	% in Pace Range	Accidents per Million Vehicle Miles	Recom Speed Limit	Justification
Highland Springs Avenue	North City Limit	Oak Valley Parkway	50	44	39	33	37-46	66%	0.00	45	85th percentile speed
Highland Springs Avenue	Oak Valley Parkway	Wilson Street	50	43	37	30	36-45	64%	0.00	45	85th percentile speed
Highland Springs Avenue	Wilson Street	Sun Lakes Boulevard	35	30	23	19	19-28	65%	0.00	30	85th percentile speed
Highland Springs Avenue	Sun Lakes Boulevard	South City Limit	35	38	33	28	29-38	68%	0.00	35	85th percentile speed rounded down per CVC 21400(b)

### ▪ Conditions

For the purpose of this study, Highland Springs Avenue is separated into four segments:

- North City Limit to Oak Valley Parkway
- Oak Valley Parkway to Wilson Street
- Wilson Street to Sun Lakes Boulevard
- Sun Lakes Boulevard to South City Limit

Highland Springs Avenue between North City Limit and Wilson Street is a north-south two - three lane undivided urban arterial highway with centerline striping. The studied segment is approximately 9,132 feet long. No on-street parking is allowed. The surrounding land uses are mostly residential some vacant lots. The intersection of Highland Springs Avenue and Cougar Street is three-way stop controlled while the intersection of Highland Springs Avenue and Star Light Avenue is one-way stop controlled. There are three signalized intersections at Oak Valley Parkway, Sundance Drive and Wilson Street on Highland Springs Street. There is bike lane on the west side from 900' north of Oak Valley Parkway to Wilson Street. Sidewalk exists only on the west side between Cougar Street and 775' north of Cougar Street. There are 50 mph speed limit signs at south of Oak Valley Parkway and south of Sundance Drive.

Highland Springs Avenue between Wilson Street and South City Limit is a north-south four-six lane divided and undivided urban arterial highway with centerline striping and median. The studied segment is approximately 10,247 feet long. No on-street parking is allowed. The surrounding land uses are mostly residential with some commercial, some vacant lots, a medical plaza and a hospital. There are seventeen business driveways fronting the segment. There are five signalized intersections at Ramsey Street, two Interstate on/off-ramps, 2<sup>nd</sup> Street and Sun Lakes Boulevard and three one-way stop intersections at Potrero Boulevard, Gleneagles Drive, Crooked Creek and Breckenridge Avenue. There is a bike lane on the west side between Sun Lakes Blvd and Potrero Boulevard. Between Breckenridge Avenue and Crooked Creek, the southbound lanes merge from two lanes into one lane. Sidewalks exist on

most of the segment except the unimproved areas. There are 35 mph speed limit signs at each signalized intersections.

Between North City Limit and South City Limit, Highland Springs Avenue carries approximately 53,904 vehicles per day. The speed survey was conducted on April 25, 2017. The 85th-percentile speed between North City Limit and Oak Valley Parkway was measured at 44 mph. The 85th-percentile speed between Oak Valley Parkway and Wilson Street was measured at 43 mph. The 85th-percentile speed Wilson Street and Sun Lakes Boulevard was measured at 30 mph. The 85th-percentile speed between Sun Lakes Boulevard and South City Limit was measured at 38 mph.

- **Comments**

The 85<sup>th</sup>-percentile speed of 44 mph indicates a speed limit of 45 mph between North City Limit and Oak Valley Parkway, 43 mph indicates a speed limit of 45 mph between Oak Valley Parkway and Wilson Street, 30 mph indicates a speed limit of 30 mph between Wilson Street and Sun Lakes Boulevard and 38 mph indicates a speed limit of 40 mph between Sun Lakes Boulevard and South City Limit. There was no unsafe speed-related collision during the past two years.

- **Recommendations**

The results of the speed survey indicate a speed limit of 45 mph between North City Limit and Wilson Street. Based on the observed conditions, it is recommended that the posted speed limit on Highland Springs Avenue between North City Limit and Wilson Street be 45 mph.

The results of the speed survey indicate a speed limit of 30 mph between Wilson Street and Sun Lakes Boulevard. Based on the observed conditions, it is recommended that the posted speed limit on Highland Springs Avenue between Wilson Street and Sun Lakes Boulevard be 30 mph.

Rounding the 85<sup>th</sup>-percentile speed to the nearest 5 mph increment indicates a speed limit of 40 mph between Sun Lakes Boulevard and South City Limit. There are four intersections that are two-way stop controlled with a small length of bike lane on the west side of the road segment. Between Sun Lakes Boulevard and Potrero Blvd, there is a medical plaza with two driveways. Between Breckenridge Avenue and Crooked Creek, the southbound lanes merge from two lanes into one lane. Based on the observed conditions and per CVC Section 21400(b), it is recommended that the posted speed limit on Hathaway Street between Sun Lakes Boulevard and South City Limit be 35 mph.

## ■ San Gorgonio Avenue

### Speed Survey Summary of Findings

Street	From	To	Existing Speed Limit	85th %ile Speed	Median Speed	15th %ile Speed	10mph Pace Range	% in Pace Range	Accidents per Million Vehicle Miles	Recom Speed Limit	Justification
San Gorgonio Avenue	Lombardy Lane	Wilson Street	30	35	28	21	24-33	57%	1.11	30	85th percentile speed reduced per CVC 21400(b)
San Gorgonio Avenue	Wilson Street	Ramsey Street	30	26	21	18	18-27	82%	0.00	25	Business District, on-street parking and nearby school

#### ▪ Conditions

For the purpose of this study, San Gorgonio Avenue is separated into two segments:

- Lombardy Lane to Wilson Street
- Wilson Street to Ramsey Street

San Gorgonio Avenue is a north-south two lane undivided secondary highway with centerline striping. The studied segment is approximately 6,525 feet long. On-street parking is allowed on both sides of the street. There are many residential driveways fronting the segment with few commercial, community center, church and school. There are no bike lanes. Sidewalks exist on most of the segment with gaps at unimproved areas. There are 30 mph speed limit signs at each end of the roadway segment.

Between Lombardy Lane and Wilson Street, there are eight one-three way stop controlled "T" intersections within the roadway segment at Lombardy Lane, Santa Rita Place, Lancaster Road, Ensign Street, Pendleton Road, Theodore Street, Roosevelt Road and Gilman Street. The intersections of San Gorgonio Avenue and Repplier Road, Indian School Lane, Hoffer Street and Wilson Street are two-four way stop controlled. San Gorgonio Avenue carries approximately 1,664 vehicles per day. The speed survey was conducted on April 27, 2017. The 85th-percentile speed was measured at 35 mph.

Between Wilson Street and Ramsey Street, San Gorgonio Avenue has two-four way stop intersections at George Street, Nicolet Street, Williams Street and Hays Street and a signalized intersection at Ramsey Street. There are approximately 3,551 vehicles per day within this road segment. The speed survey was conducted on April 27, 2017. The 85th-percentile speed was measured at 35 mph.

#### ▪ Comments

The 85th-percentile speed of 35 mph indicates a speed limit of 35 mph between Lombardy Lane and Wilson Street. There was one unsafe speed-related collision during the past two years resulting in an accident per million vehicle miles rate of 1.11 which is close to the state average.

The 85th-percentile speed of 26 mph indicates a speed limit of 25 mph between Wilson Street and Ramsey Street. There was no unsafe speed-related collision during the past two years.

- **Recommendations**

The 85th-percentile speed of 35 mph indicates a speed limit of 35 mph between Lombardy Lane and Wilson Street. However, there are 12 intersecting streets, numerous residential and commercial driveways, and no pedestrian or bicycle facilities on the segment. Based on the observed conditions and per CVC Section 21400(b), it is recommended that the posted speed limit on San Gorgonio Avenue between Lombardy Lane and Wilson Street to remain 30 mph.

Rounding the 85<sup>th</sup>-percentile speed to the nearest 5 mph increment indicates a speed limit of 25 mph between Wilson Street and Ramsey Street. This road segment consists of business district, on-street parking and nearby school. Based on the observed conditions and per CVC Section 21400(b), it is recommended that the posted speed limit on San Gorgonio Avenue between Wilson Street and Ramsey Street be 25 mph.

## ■ Sunset Avenue

### Speed Survey Summary of Findings

Street	From	To	Existing Speed Limit	85th %ile Speed	Median Speed	15th %ile Speed	10mph Pace Range	% in Pace Range	Accidents per Million Vehicle Miles	Recom Speed Limit	Justification
Sunset Avenue	Wilson Street	Ramsey Street	NP	42	38	32	35-44	67%	0.00	40	85th percentile speed
Sunset Avenue	Ramsey Street	Westward Avenue	35	40	33	26	30-39	57%	0.00	35	85th percentile speed reduced per CVC 21400(b)

#### ▪ Conditions

For the purpose of this study, Sunset Avenue is separated into two segments:

- Wilson Street to Ramsey Street
- Ramsey Street to Westward Avenue

Between Wilson Street and Ramsey Street, Sunset Avenue is a north-south undivided major street with three to four lanes and a two-way left-turn lane. The studied segment is approximately 2,473 feet long. The intersections at George Street, Jacinto View Road and Williams Street are one-way stop controlled “T” intersections while the intersection at Nicolet Street is a two-way stop controlled intersection and a signalized intersection at Ramsey Street. On-street parking is allowed on both sides of the street with no bike lanes. There are 5 business driveways, 2 church driveways and 24 residential driveways fronting the segment. The surrounding land uses are mostly residential and commercial with some vacant lots. Sidewalks exist on both sides of the street. There is no speed limit sign posted on this segment. Sunset Avenue carries approximately 6,575 vehicles per day. The speed survey was conducted on April 27, 2017. The 85th-percentile speed was measured at 42 mph.

Between Ramsey Street and Westward Avenue, Sunset Avenue is a north-south undivided and divided major street with two to four lanes, median and centerline striping. The studied segment is approximately 2,825 feet long. There are two signalized intersections at the two on/off Interstate 10 ramps and three one/three-way stop controlled “T” intersections at Lincoln Street, Jefferson Street and Westward Avenue. On-street parking is not allowed on both sides of the street and no bike lanes. There are 2 business driveways and 1 community residential driveway fronting the segment. The surrounding land uses are mostly residential and commercial with some vacant lots. Sidewalks exist on most of the segment with gaps at unimproved areas. There are 35 mph speed limit signs between the Interstate 10 freeway and Westward Avenue. Sunset Avenue carries approximately 3,944 vehicles per day. The speed survey was conducted on April 27, 2017. The 85th-percentile speed was measured at 40 mph.

#### ▪ Comments

The 85th-percentile speed of 42 mph indicates a speed limit of 40 mph between Wilson Street and Ramsey Street. There were no unsafe speed-related collisions during the past two years.

The 85th-percentile speed of 40 mph indicates a speed limit of 40 mph between Ramsey Street and Westward Avenue. There was no unsafe speed-related collision during the past two years.

#### ▪ **Recommendations**

Rounding the 85<sup>th</sup>-percentile speed to the nearest 5 mph increment indicates a speed limit of 40 mph in this segment. Based on the observed conditions and per CVC Section 21400(b), it is recommended that the posted speed limit on Sunset Avenue between Wilson Street and Ramsey Street be 40 mph.

The 85th-percentile speed of 40 mph indicates a speed limit of 40 mph between Ramsey Street and Westward Avenue. However, there is no sidewalk between Lincoln Street and Westward Avenue on the west side of Sunset Avenue and no bicycle facilities on Sunset Avenue between Ramsey Street and Westward Avenue either side of the street. Southbound Sunset Avenue merges from two lanes into one lane between Interstate 10 freeway and Lincoln Street. Based on the observed conditions and per CVC Section 21400(b), it is recommended that the posted speed limit on Sunset Avenue between Ramsey Street and Westward Avenue to remain 35 mph.

## ■ Hargrave Street

### Speed Survey Summary of Findings

Street	From	To	Existing Speed Limit	85th %ile Speed	Median Speed	15th %ile Speed	10mph Pace Range	% in Pace Range	Accidents per Million Vehicle Miles	Recom Speed Limit	Justification
Hargrave Street	Wilson Street	Ramsey Street	30	23	20	18	17-26	95%	0.00	25	85th percentile speed
Hargrave Street	Ramsey Street	Wesley Street	35	31	27	21	23-32	73%	0.00	30	85th percentile speed

#### ▪ Conditions

For the purpose of this study, Hargrave Street is separated into two segments:

- Wilson Street to Ramsey Street
- Ramsey Street to Wesley Street

Between Wilson Street and Ramsey Street, Hargrave Street is a north-south undivided major street with two lanes and centerline striping. The studied segment is approximately 2,616 feet long. The intersections at Wilson Street, Christie Street, George Street, Nicolet Street and Williams Street are two/four-way stop controlled intersections while the intersection of Hargrave Street and Ramsey Street is a signalized intersection. On-street parking is allowed on both sides of the street with no bike lanes. There are 4 business driveways, and 24 residential driveways fronting the segment. The surrounding land uses are mostly residential and commercial with some vacant lots. Sidewalks exist on both sides of the street. There are 30 mph speed limit signs at each end of the roadway segment. Hargrave Avenue carries approximately 6,590 vehicles per day. The speed survey was conducted on May 2, 2017. The 85th-percentile speed was measured at 23 mph.

Between Ramsey Street and Wesley Street, Hargrave Street is a north-south undivided major street with two lanes and centerline striping. The studied segment is approximately 4,649 feet long. The intersections at Plaza Street, Westward Avenue and Victory Avenue are one-way stop controlled "T" intersections while the intersections at John Street, Lincoln Street, Barbour Street, Charles Street and Wesley Street are two/four-way stop controlled intersections and a signalized intersection at Ramsey Street and two on/off Interstate 10 ramps. On-street parking is allowed on both sides of the street with no bike lanes. There are 6 business driveways, 1 church driveway and 24 residential driveways fronting the segment. The surrounding land uses are mostly residential and commercial with many vacant lots. Sidewalks exist on some areas of the segment with gaps at industrial sites and unimproved areas. There are 35 mph speed limit signs at each end of the roadway segment. Hargrave Avenue carries approximately 6,094 vehicles per day. The speed survey was conducted on May 2, 2017. The 85th-percentile speed was measured at 31 mph.

- **Comments**

The 85th-percentile speed of 23 mph indicates a speed limit of 25 mph between Wilson Street and Ramsey Street. There was no unsafe speed-related collision during the past two years. The 85th-percentile speed of 31 mph indicates a speed limit of 30 mph between Ramsey Street and Wesley Street. There was no unsafe speed-related collision during the past two years.

- **Recommendations**

The results of the speed survey indicate a speed limit of 25 mph in this segment. The roadway is a residential local street adjacent and leading directly into residential areas. There is on-street parking on both sides of the street with no bike facility. This segment qualifies as a residence district as there are 13 or more homes within a distance of a quarter mile fronting the street. Based on the observed conditions, it is recommended that the posted speed limit on Hargrave Street between Wilson Street and Ramsey Street be 25 mph.

Rounding the 85<sup>th</sup>-percentile speed to the nearest 5 mph increment indicates a speed limit of 30 mph in this segment. Based on the observed conditions and per CVC Section 21400(b), it is recommended that the posted speed limit on Hargrave Street between Ramsey Street and Wesley Street be 30 mph.

## ■ Omar Street

### Speed Survey Summary of Findings

Street	From	To	Existing Speed Limit	85th %ile Speed	Median Speed	15th %ile Speed	10mph Pace Range	% in Pace Range	Accidents per Million Vehicle Miles	Recom Speed Limit	Justification
Omar Street	Ramsey Street	Wilson Street	NP	37	32	24	29-38	59%	0.00	35	85th percentile speed

#### ▪ Conditions

Omar Street is a north-south two lane undivided local street. The studied segment is approximately 2,054 feet long. On-street parking is allowed on both sides of the street between Copperleaf Lane and Wilson Street. There are 14 residential driveways fronting the segment. The surrounding land uses are residential with four vacant lots. The intersections at Wilson Street and Western Sunset Road are two-way stop controlled while the intersections at Autumn Gold, Copperleaf Lane, Jacinto View Road and Ramsey Street are one-way stop controlled “T” intersections. There are no bike lanes. Sidewalks exist on most areas of the segment with gaps at unimproved areas. There is no speed limit sign at each end of the roadway segment.

Between Ramsey Street and Wilson Street, Omar Street carries approximately 827 vehicles per day. The speed survey was conducted on May 4, 2017. The 85th-percentile speed was measured at 37 mph.

#### ▪ Comments

The 85th-percentile speed of 37 mph indicates a speed limit of 35 mph between Ramsey Street and Wilson Street. There was no unsafe speed-related collision during the past two years.

#### ▪ Recommendations

Rounding the 85<sup>th</sup>-percentile speed to the nearest 5 mph increment indicates a speed limit of 35 mph in this segment. Based on the observed conditions, it is recommended that the posted speed limit on Omar Street between Ramsey Street and Wilson Street be 35 mph.

## ■ Alessandro Road

### Speed Survey Summary of Findings

Street	From	To	Existing Speed Limit	85th %ile Speed	Median Speed	15th %ile Speed	10mph Pace Range	% in Pace Range	Accidents per Million Vehicle Miles	Recom Speed Limit	Justification
Alessandro Road	Repllier Street	Wilson Street	30	39	34	27	32-41	59%	0.00	35	85th percentile speed rounded down per CVC 21400(b)
Alessandro Road	Ramsey Street	Wilson Street	30	36	30	23	26-35	63%	0.00	30	Buildings and on-street parking

#### ▪ Conditions

For the purpose of this study, Alessandro Road is separated into two segments:

- Repllier Street to Wilson Street
- Ramsey Street to Wilson Street

Between Repllier Street and Wilson Street, Alessandro Road is a north-south undivided local street with two lanes. The studied segment is approximately 3,299 feet long. The intersections at Ensign Street, All View Drive and Gilman Street are one-way stop controlled “T” intersections while the intersections at Repllier Street, Indian School Lane, Theodore Street, Hoffer Street and Wilson Street are two to four-way stop controlled intersections. On-street parking is allowed on both sides of the street with no bike lanes. There are many residential properties fronting the road segment with some vacant lots. The surrounding land uses are mostly residential and some vacant lots. Sidewalks exist only on the improved areas. There are 30 mph speed limit signs at each end of the roadway segment. Alessandro Road carries approximately 1,883 vehicles per day. The speed survey was conducted on May 3, 2017. The 85th-percentile speed was measured at 39 mph.

Between Ramsey Street and Wilson Street, Alessandro Road is a north-south undivided minor street with two lanes and centerline striping. The studied segment is approximately 2,604 feet long. There are three two/four-way stop controlled “T” intersections at George Street, Nicolet Street and Williams Street and one way stop “T” intersection at Ramsey Street. On-street parking is allowed on both sides of the street with no bike lanes. There are 8 business driveways, 3 school driveways and 15 residential driveways fronting the segment. The surrounding land uses are mostly residential, commercial and one school with some vacant lots. Sidewalks exist on both sides of the street. There are 30 mph speed limit signs at each end of the roadway segment. Alessandro Road carries approximately 2,221 vehicles per day. The speed survey was conducted on May 3, 2017. The 85th-percentile speed was measured at 36 mph.

#### ▪ Comments

The 85th-percentile speed of 39 mph indicates a speed limit of 40 mph between Repllier Street and Wilson Street. There was no unsafe speed-related collision during the past two years.

The 85th-percentile speed of 36 mph indicates a speed limit of 35 mph between Ramsey Street and Wilson Street. There were no unsafe speed-related collisions during the past two years.

#### ▪ **Recommendations**

Rounding the 85<sup>th</sup>-percentile speed to the nearest 5 mph increment indicates a speed limit of 40 mph in this segment. However, the road segment consists of many stop controlled intersections with no bike lane. There are many residential properties fronting the road segment with some vacant lots. Sidewalks exist only on the improved areas. Based on the observed conditions and per CVC Section 21400(b), it is recommended that the posted speed limit on Alessandro Road between Repplier Street and Wilson Street be 35 mph.

The results of the speed survey indicate a speed limit of 35 mph in this segment. However, there are several residential properties fronting the road segment with on-street parking allowed on both sides of the street. Sidewalk exists only at the improved areas and there is no bike lane. The road segment also includes post office, courthouse, Police Department and a school with many pedestrians utilizing the road segment.

Based on the observed conditions, it is recommended that the posted speed limit on Alessandro Road between Ramsey Street and Wilson Street to remain 30 mph.

## ■ Lincoln Street

### Speed Survey Summary of Findings

Street	From	To	Existing Speed Limit	85th %ile Speed	Median Speed	15th %ile Speed	10mph Pace Range	% in Pace Range	Accidents per Million Vehicle Miles	Recom Speed Limit	Justification
Lincoln Street	22nd Street	8th Street	40	47	40	33	38-47	54%	0.00	45	85th percentile speed
Lincoln Street	8th Street	San Gorgonio Avenue	40	47	40	34	36-45	56%	0.00	45	85th percentile speed
Lincoln Street	San Gorgonio Avenue	Hathaway Street	40	43	36	29	34-43	59%	0.00	45	85th percentile speed

#### ▪ Conditions

For the purpose of this study, Lincoln Street is separated into three segments:

- 22<sup>nd</sup> Street to 8<sup>th</sup> Street
- 8<sup>th</sup> Street to San Gorgonio Avenue
- San Gorgonio Avenue to Hathaway Street

Between 22<sup>nd</sup> Street and 8<sup>th</sup> Street, Lincoln Street is an east-west two lane undivided collector street with centerline striping. The studied segment is approximately 4,686 feet long. On-street parking is allowed on both sides of the street around improved areas with wider street lanes. There are 29 residential driveways, 7 industrial driveways and many vacant lots fronting the road segment. The road segment consists of inconsistent roadway widths starting with 40 feet between 22<sup>nd</sup> Street and Adams Street, 50 feet on west of 16<sup>th</sup> Street, 30 feet on east of 16<sup>th</sup> Street, 60 feet near the industrial buildings west of 8<sup>th</sup> Street and 30 feet between the industrial buildings and 8<sup>th</sup> Street with no bike lane and sidewalk. There are three one-way stop controlled “T” intersections at Adams Street, 16<sup>th</sup> Street and 12<sup>th</sup> Street. There are 40 mph speed limit signs at each end of the roadway segment. Lincoln Street carries approximately 1,640 vehicles per day. The speed surveys were conducted on April 26, 2017. The 85th-percentile speed was measured at 47 mph.

Between 8<sup>th</sup> Street and San Gorgonio Avenue, Lincoln Street is an east-west two lane undivided local street with centerline striping. The studied segment is approximately 2,649 feet long. On-street parking is not allowed on both sides of the street. There are 6 industrial driveways with many vacant lots fronting the road segment. The road segment consists of inconsistent roadway widths starting with 30 feet between 8<sup>th</sup> Street and 4<sup>th</sup> Street, 44 feet between 4<sup>th</sup> Street and 650' east of 4<sup>th</sup> Street and 65 feet between San Gorgonio Avenue and 750 feet west of San Gorgonio Avenue with no bike lane. Sidewalks exist only on the improved areas. There is a one way stop controlled “T” intersection at 4<sup>th</sup> Street. There are 40 mph speed limit signs at each end of the roadway segment. Lincoln Street carries approximately 6,087 vehicles per day. The speed surveys were conducted on April 26, 2017. The 85th-percentile speed was measured at 47 mph.

Between San Gorgonio Avenue and Hathaway Street, Lincoln Street is an east-west two lane undivided local street with centerline striping. The studied segment is approximately 5,244 feet long. On-street parking is allowed on both sides of the street. There are 25 industrial driveways and 10 residential driveways with many vacant lots fronting the road segment. There is one

curve 500 feet west of Hathaway Street. The road segment has no bike lane. Sidewalks exist on some areas of the segment with gaps at industrial sites and unimproved areas. Intersections at Galleher Way, Hermosa Avenue and Juarez Street are one-way stop controlled "T" intersections while the intersections at Florida Street and Hargrave Street are two/four-way intersections. There are 40 mph speed limit signs at each end of the roadway segment. Lincoln Street carries approximately 2,807 vehicles per day. The speed surveys were conducted on April 26, 2017. The 85th-percentile speed was measured at 43 mph.

- **Comments**

The 85th-percentile speed of 47 mph indicates a speed limit of 45 mph between 22<sup>nd</sup> Street and 8<sup>th</sup> Street. The 85th-percentile speed of 47 mph indicates a speed limit of 45 mph between 8<sup>th</sup> Street and San Gorgonio Avenue. The 85th-percentile speed of 43 mph indicates a speed limit of 45 mph between San Gorgonio Avenue and Hathaway Street. There was no unsafe speed-related collision during the past two years.

- **Recommendations**

Rounding the 85<sup>th</sup>-percentile speed to the nearest 5 mph increment indicates a speed limit of 45 mph in this segment. Based on the observed conditions it is recommended that the posted speed limit on Lincoln Street between 22<sup>nd</sup> Street and 8<sup>th</sup> Street be 45 mph.

Rounding the 85<sup>th</sup>-percentile speed to the nearest 5 mph increment indicates a speed limit of 45 mph in this segment. Based on the observed conditions it is recommended that the posted speed limit on Lincoln Street between 8<sup>th</sup> Street and San Gorgonio Avenue be 45 mph.

Rounding the 85<sup>th</sup>-percentile speed to the nearest 5 mph increment indicates a speed limit of 45 mph in this segment. Based on the observed conditions, it is recommended that the posted speed limit on Lincoln Street between San Gorgonio Avenue and Hathaway Street be 45 mph.

## ■ Ramsey Street

### Speed Survey Summary of Findings

Street	From	To	Existing Speed Limit	85th %ile Speed	Recom Speed Limit	Justification
Ramsey Street	Highland Springs Avenue	Highland Home Road	50	53	50	85th percentile speed rounded down per CVC 21400(b)
Ramsey Street	Highland Home Road	Sunset Avenue	50	48	45	85th percentile speed rounded down per CVC 21400(b)
Ramsey Street	22nd Street	8th Street	35	39	40	85th percentile speed
Ramsey Street	8th Street	Hargrave Street	25	40	25	Business District and on-street parking
Ramsey Street	Hargrave Street	Interstate 10	35	40	40	85th percentile speed

#### ▪ Conditions

For the purpose of this study, Ramsey Street is separated into four segments:

- Highland Springs Avenue to Highland Home Road
- Highland Home Road to Sunset Avenue
- 22<sup>nd</sup> Street to 8<sup>th</sup> Street
- 8<sup>th</sup> Street to Hargrave Street
- Hargrave Street to Interstate 10

Between Highland Springs Avenue and Highland Home Road, Ramsey Street is an east-west divided curvilinear major street with four lanes and medians. The studied segment is approximately 5,136 feet long. The intersection at Highland Home Road is a one-way stop controlled “T” intersection while the intersections at Apex Street and Grandview Avenue/Lori Way are two-way stop controlled intersections. On-street parking is not allowed on both sides of the street with no bike lanes. There are 11 residential driveways and 19 commercial driveways fronting the road segment with many vacant lots. The surrounding land uses are mostly residential, commercial and vacant lots. Sidewalks exist on some areas of the segment with gaps at industrial sites and unimproved areas. There are 50 mph speed limit signs at each end of the roadway segment. Ramsey Street carries approximately 11,346 vehicles per day. The speed survey was conducted on April 27, 2017. The 85th-percentile speed was measured at 53 mph.

Between Highland Home Road and Sunset Avenue, Ramsey Street is an east-west divided major street with four lanes and medians. The studied segment is approximately 5,645 feet long. There is one “T” intersection at Omar Street and one signalized intersection at Sunset Avenue. On-street parking is allowed on both sides of the street with no bike lanes. There are 41 business driveways and 4 residential driveways fronting the segment. The surrounding land

uses are mostly business, residential and some vacant lots. Sidewalks exist on some areas of the segment with gaps at industrial sites and unimproved areas. There are 50 mph speed limit signs at each end of the roadway segment. Ramsey Street carries approximately 10,701 vehicles per day. The speed survey was conducted on April 27, 2017. The 85th-percentile speed was measured at 48 mph.

Between 22<sup>nd</sup> Street and 8<sup>th</sup> Street, Ramsey Street is an east-west four lanes divided major street with medians and centerline striping. The studied segment is approximately 4,685 feet long. No on-street parking is allowed and no bike lane. There are 76 business driveways and 2 home trailer community driveways. The surrounding land uses are mostly industrial, commercial and some vacant lots. The intersections at 22<sup>nd</sup> Street and 8<sup>th</sup> Street are signalized while the intersections at 12<sup>th</sup> Street, 16<sup>th</sup> Street and Roberge Avenue are one-way stop controlled “T” intersection. The medians are heavily landscaped with trees and shrubbery. Sidewalks exist on both sides of the street. There are 35 mph speed limit signs at each end of the roadway segment. Ramsey Street carries approximately 13,389 vehicles per day. The speed survey was conducted on April 27, 2017. The 85th-percentile speed was measured at 39 mph.

Between 8<sup>th</sup> Street and Hargrave Street, Ramsey Street is an east-west four lanes divided major street and centerline striping. The studied segment is approximately 5,310 feet long. On-street parking is allowed with no bike lane. There are many business and industrial driveways. The surrounding land uses are mostly commercial, industrial and some vacant lots. The intersections at 8<sup>th</sup> Street, San Gorgonio Avenue and Hargrave Street are signalized; the intersections at 6<sup>th</sup> Street, Alessandro Street, Alola Street and Livingston Street are one-way stop controlled “T” intersections; and the intersections at 4<sup>th</sup> Street, 3<sup>rd</sup> Street, 2<sup>nd</sup> Street, 1<sup>st</sup> Street and Martin Street are two-way stop controlled. Sidewalks exist on some areas of the segment with gaps at industrial sites and unimproved areas. There are 25 mph speed limit signs at each end of the roadway segment. Ramsey Street carries approximately 9,408 vehicles per day. The speed survey was conducted on July 18, 2017. The 85th-percentile speed was measured at 40 mph.

Between Hargrave Street and Interstate 10, Ramsey Street is an east-west two lanes undivided major street with centerline striping. The studied segment is approximately 3,397 feet long. On-street parking is allowed with no bike lane. There are 39 business and industrial driveways. The surrounding land uses are mostly commercial, industrial and some vacant lots. The intersection of Hargrave Street and Ramsey Street is signalized while the intersections at Phillips Street, Van Monte Street and Hathaway Street are one-way stop controlled “T” intersections. Sidewalks exist on both sides of the street except east of Hathaway Street. There are 35 mph speed limit signs at each end of the roadway segment. Ramsey Street carries approximately 4,170 vehicles per day. The speed survey was conducted on April 27, 2017. The 85th-percentile speed was measured at 40 mph.

#### ▪ **Comments**

The 85th-percentile speed of 53 mph indicates a speed limit of 55 mph between Highland Springs Avenue and Highland Home Road. There was no unsafe speed-related collision during the past two years.

The 85th-percentile speed of 48 mph indicates a speed limit of 50 mph between Highland Home Road and Sunset Avenue. There was one unsafe speed-related collision during the past

two years resulting in an accident per million vehicle miles rate of 0.12 which is lower than the state average.

The 85th-percentile speed of 39 mph indicates a speed limit of 40 mph between 22<sup>nd</sup> Street and 8<sup>th</sup> Street. There was no unsafe speed-related collision during the past two years.

The 85th-percentile speed of 40 mph indicates a speed limit of 40 mph between 8<sup>th</sup> Street and Hargrave Street. There was no unsafe speed-related collision during the past two years.

The 85th-percentile speed of 40 mph indicates a speed limit of 40 mph between Hargrave Street and Interstate 10. There was no unsafe speed-related collision during the past two years.

#### ▪ **Recommendations**

Rounding the 85<sup>th</sup>-percentile speed to the nearest 5 mph increment indicates a speed limit of 55 mph in this segment. However, there are 11 residential driveways and 19 commercial driveways fronting the road segment with many vacant lots and no bike lane. Sidewalks exist on some areas of the segment with gaps at industrial sites and unimproved areas. The 10 mph pace range is less than the 85<sup>th</sup>-percentile speed. Based on the observed conditions and per CVC Section 21400(b), it is recommended that the posted speed limit on Ramsey Street between Highland Springs Avenue and Highland Home Road be 50 mph.

Rounding the 85<sup>th</sup>-percentile speed to the nearest 5 mph increment indicates a speed limit of 50 mph in this segment. There are many business driveways on this road segment with no bike facility. Based on the observed conditions and per CVC Section 21400(b), it is recommended that the posted speed limit on Ramsey Street between Highland Home Road and Sunset Avenue be 45 mph.

The results of the speed survey indicate a speed limit of 40 mph in this segment. Based on the observed conditions, it is recommended that the posted speed limit on Ramsey Street between 22<sup>nd</sup> Street and 8<sup>th</sup> Street be 40 mph.

The results of the speed survey indicate a speed limit of 40 mph in this segment. However, there are several business driveways fronting the roadway. It qualifies to be a business district as for as distance of 600 feet, 50 percent or more of the contiguous property fronting thereon is occupied by buildings in use for business. Based on the observed conditions, it is recommended that the posted speed limit on Ramsey Street between 8<sup>th</sup> and Hargrave Street be 25 mph.

The results of the speed survey indicate a speed limit of 40 mph in this segment. Based on the observed conditions, it is recommended that the posted speed limit on Ramsey Street between Hargrave Street and Interstate 10 be 40 mph.

## ■ Nicolet Street

### Speed Survey Summary of Findings

Street	From	To	Existing Speed Limit	85th %ile Speed	Median Speed	15th %ile Speed	10mph Pace Range	% in Pace Range	Accidents per Million Vehicle Miles	Recom Speed Limit	Justification
Nicolet Street	Sunset Avenue	22nd Street	35	40	34	28	32-41	63%	0.00	40	85th percentile speed
Nicolet Street	4th Street	Hargrave Street	25	31	26	27	21-30	70%	0.00	30	85th percentile speed
Nicolet Street	Hargrave Street	Hathaway Street	25	38	31	23	26-35	59%	0.00	35	85th percentile speed rounded down per CVC 21400(b)

#### ▪ Conditions

For the purpose of this study, Nicolet Street is separated into three segments:

- Sunset Avenue to 22<sup>nd</sup> Street
- 4<sup>th</sup> Street to Hargrave Street
- Hargrave Street to Hathaway Street

Between Sunset Avenue and 22<sup>nd</sup> Street, Nicolet Street is an east-west undivided local street with two lanes. The studied segment is approximately 2,630 feet long. The intersections at Sylvan Avenue, Park Avenue and Grove Avenue are one-way stop controlled “T” intersections while the intersections at Morongo Avenue, Woodland Avenue and Sunrise Avenue are two/four-way stop controlled intersections. On-street parking is allowed on both sides of the street with no bike lanes. There are 33 residential driveways, 3 driveways for 2 churches and 1 driveway for a park fronting the road segment. The surrounding land uses are mostly residential. Sidewalks exist mostly on the north side of the street. There are 35 mph speed limit signs at each end of the roadway segment. Nicolet Street carries approximately 1,510 vehicles per day. The speed survey was conducted on May 2, 2017. The 85th-percentile speed was measured at 40 mph.

Between 4<sup>th</sup> Street and Hargrave Street, Nicolet Street is an east-west undivided minor street with two lanes. The studied segment is approximately 4,000 feet long. The intersections at Murray Street, Fay Street, Martin Street and Drury Lane are one-way stop controlled “T” intersections while the intersections at 4<sup>th</sup> Street, 3<sup>rd</sup> Street, 2<sup>nd</sup> Street, San Gorgonio Avenue, Alessandro Street and Hargrave Street are two/ four-way stop controlled intersections. On-street parking is allowed on both sides of the street with no bike lanes. There are several business, residential and school driveways fronting the road segment. The surrounding land uses are mostly residential and business. Sidewalks exist on some areas of the segment with gaps at unimproved areas. There are 25 mph speed limit signs at each end of the roadway segment. Nicolet Street carries approximately 1,436 vehicles per day. The speed survey was conducted on May 2, 2017. The 85th-percentile speed was measured at 31 mph.

Between Hargrave Street and Hathaway Street, Nicolet Street is an east-west undivided minor street with two lanes. The studied segment is approximately 2,646 feet long. The intersections at Almond Way, Phillips Street and Hathaway Street are one-way stop controlled “T”

intersections while the intersections at Cherry Street, Allen Street and Evans Street are two/four-way stop controlled intersections. On-street parking is allowed on both sides of the street with no bike lanes. There are several business and residential driveways fronting the road segment. The surrounding land uses are mostly residential and business. Sidewalks exist on some areas of the segment with gaps at unimproved areas. There are 25 mph speed limit signs at each end of the roadway segment. Nicolet Street carries approximately 1,005 vehicles per day. The speed survey was conducted on May 3, 2017. The 85th-percentile speed was measured at 38 mph.

- **Comments**

The 85th-percentile speed of 40 mph indicates a speed limit of 40 mph between Sunset Avenue and 22<sup>nd</sup> Street. There was no unsafe speed-related collision during the past two years.

The 85th-percentile speed of 31 mph indicates a speed limit of 30 mph between 4<sup>th</sup> Street and Hargrave Street. There was no unsafe speed-related collision during the past two years.

The 85th-percentile speed of 38 mph indicates a speed limit of 40 mph between Hargrave Street and Hathaway Street. There was no unsafe speed-related collision during the past two years.

- **Recommendations**

The results of the speed survey indicate a speed limit of 40 mph in this segment. Based on the observed conditions, it is recommended that the posted speed limit on Nicolet Street between Sunset Avenue and 22<sup>nd</sup> Street be 40 mph.

Rounding the 85<sup>th</sup>-percentile speed to the nearest 5 mph increment indicates a speed limit of 30 mph in this segment. Based on the observed conditions, it is recommended that the posted speed limit on Nicolet Street between 4<sup>th</sup> Street and Hargrave Street be 30 mph.

Rounding the 85<sup>th</sup>-percentile speed to the nearest 5 mph increment indicates a speed limit of 40 mph in this segment. However, there are several business and residential driveways fronting the road segment. Vehicles are allowed to park on both sides of the street with no bike lanes. Sidewalks exist on some areas of the segment with gaps at unimproved areas.

The 10 mph pace range is lower than the 85<sup>th</sup>-percentile speed which means that traffic is travelling less than 40 mph. Based on the observed conditions and per CVC Section 21400(b), it is recommended that the posted speed limit on Nicolet Street between Hargrave Street and Hathaway Street be 35 mph.

## ■ Wilson Street

### Speed Survey Summary of Findings

Street	From	To	Existing Speed Limit	85th %ile Speed	Median Speed	15th %ile Speed	10mph Pace Range	% in Pace Range	Accidents per Million Vehicle Miles	Recom Speed Limit	Justification
Wilson Street	Highland Springs Avenue	Highland Home Road	45	49	44	40	41-50	71%	0.25	45	85th percentile speed rounded down per CVC 21400(b)
Wilson Street	Sunset Avenue	16th Street	45	49	43	36	42-51	61%	0.21	50	85th percentile speed
Wilson Street	16th Street	San Gorgonio Avenue	35	38	33	27	30-39	70%	0.27	40	85th percentile speed

#### ▪ Conditions

For the purpose of this study, Wilson Street is separated into three segments:

- Highland Springs Avenue to Highland Home Road
- Sunset Avenue to 16<sup>th</sup> Street
- 16<sup>th</sup> Street to San Gorgonio Avenue

Between Highland Springs Avenue to Highland Home Road, Wilson Street is an east-west undivided major street with two to four lanes and a two-way left turn lane. The studied segment is approximately 5,292 feet long. The intersections at Apex Street and Marian Way are one-way stop controlled “T” intersections while the intersections at Kingswell Avenue and Highland Home Road are two/ four-way stop controlled intersections. On-street parking is allowed on the north side of the street between 700 feet west of Kingswell Avenue and 545 feet east of Kingswell Avenue. There is no bike lane. There are 9 business driveways, 4 driveways for 2 churches and 2 driveways for health care and 2 driveways for community fronting the road segment. The surrounding land uses are mostly residential and businesses. Sidewalks exist on some areas of the segment with gaps at unimproved areas. There are 45 mph speed limit signs at each end of the roadway segment. Wilson Street carries approximately 10,754 vehicles per day. The speed survey was conducted on April 25, 2017. The 85th-percentile speed was measured at 49 mph.

Between Sunset Avenue and 16<sup>th</sup> Street, Wilson Street is an east-west undivided minor street with two to four lanes, centerline striping and a two-way left turn lane. The studied segment is approximately 5,287 feet long. The intersections at Morongo Avenue and Park Avenue are one-way stop controlled “T” intersections while the intersections at Sunset Avenue, Sunrise Avenue, Sunshine Drive, 20<sup>th</sup> Street, 19<sup>th</sup> Street, 18<sup>th</sup> Street, 17<sup>th</sup> Street and 16<sup>th</sup> Street are two/ four-way stop controlled intersections. No on-street parking is allowed and no bike lane exists. There are 2 driveways for 2 churches and 17 residential driveways fronting the road segment. The surrounding land uses are mostly residential. Sidewalks exist on some areas of the segment with gaps at unimproved areas. There are 45 mph speed limit signs at each end of the roadway segment. Wilson Street carries approximately 6,529 vehicles per day. The speed survey was conducted on April 25, 2017. The 85th-percentile speed was measured at 49 mph.

Between 16<sup>th</sup> Street and San Gorgonio Avenue, Wilson Street is an east-west undivided minor street with two to four lanes, centerline striping and a two-way left turn lane. The studied

segment is approximately 5,352 feet long. The intersections at Paseo Del Sol, Via Panorama, 12<sup>th</sup> Street, 10<sup>th</sup> Street, 7<sup>th</sup> Street, 6<sup>th</sup> Street, Linda Vista Street and 1<sup>st</sup> Street are one-way stop controlled “T” intersections while the intersections at 8<sup>th</sup> Street, 4<sup>th</sup> Street and San Gorgonio Avenue are two/ four-way stop controlled intersections. On-street parking is allowed on both sides of the street with no bike lane. The surrounding land uses are mostly residential and one school. Sidewalks exist on both sides of the street. There are 35 mph speed limit signs at each end of the roadway segment. Wilson Street carries approximately 5,025 vehicles per day. The speed survey was conducted on April 26, 2017. The 85th-percentile speed was measured at 38 mph.

#### ▪ **Comments**

The 85th-percentile speed of 49 mph indicates a speed limit of 50 mph between Highland Springs Avenue to Highland Home Road. There were two unsafe speed-related collision during the past two years resulting in an accident per million vehicle miles rate of 0.25 which is lower than the state average.

The 85th-percentile speed of 49 mph indicates a speed limit of 50 mph between Sunset Avenue and 16<sup>th</sup> Street. There was one unsafe speed-related collision during the past two years resulting in an accident per million vehicle miles rate of 0.21 which is lower than the state average.

The 85th-percentile speed of 38 mph indicates a speed limit of 40 mph between 16<sup>th</sup> Street and San Gorgonio Avenue. There was one unsafe speed-related collision during the past two years resulting in an accident per million vehicle miles rate of 0.27 which is lower than the state average.

#### ▪ **Recommendations**

Rounding the 85<sup>th</sup>-percentile speed to the nearest 5 mph increment indicates a speed limit of 50 mph in this segment. However, there are several commercial, hospital, residential community and church driveways fronting the road segment. There is no sidewalk on the north side of the road and no bike lane on both sides of the road. Based on the observed conditions and per CVC Section 21400(b), it is recommended that the posted speed limit on Wilson Street between Highland Springs Avenue to Highland Home Road to remain 45 mph. Keeping the speed limit 45 mph is also to maintain uniformity with the existing speed zones up to Sunset Avenue where the speed limit increases to 50 mph.

Rounding the 85<sup>th</sup>-percentile speed to the nearest 5 mph increment indicates a speed limit of 50 mph in this segment. Based on the observed conditions, it is recommended that the posted speed limit on Wilson Street between Sunset Avenue and 16<sup>th</sup> Street be 50 mph.

Rounding the 85<sup>th</sup>-percentile speed to the nearest 5 mph increment indicates a speed limit of 40 mph in this segment. Based on the observed conditions, it is recommended that the posted speed limit on Wilson Street between 16<sup>th</sup> Street and San Gorgonio Avenue be 40 mph.

## ■ Westward Avenue

### Speed Survey Summary of Findings

Street	From	To	Existing Speed Limit	85th %ile Speed	Median Speed	15th %ile Speed	10mph Pace Range	% in Pace Range	Accidents per Million Vehicle Miles	Recom Speed Limit	Justification
Westward Avenue	Sunset Avenue	San Gorgonio Avenue	35	45	38	32	37-46	59%	0.00	40	School and on-street parking

#### ▪ Conditions

Westward Avenue is an east-west two lane undivided local street. The studied segment is approximately 10,602 feet long. On-street parking is allowed on the north side of the street. Several homes, one school and many vacant lots front the street. The surrounding land uses are mostly residential with one school and many vacant lots. The intersections of Westward Avenue and Sunset Avenue, Woodland Avenue, Lovell Street, April Lane, 8<sup>th</sup> Street, Valet Street, Jaccard Circle, Preferred Lane, 4<sup>th</sup> Street, and San Gorgonio Avenue are one-way stop controlled while the intersections of Westward Avenue and 22<sup>nd</sup> Avenue, and 12<sup>th</sup> Street are four-way stop controlled. There is no bike lane along the street. Sidewalks exist on some areas of the segment with gaps at unimproved areas. There are 35 mph speed limit signs at each end of the roadway segment.

Between Sunset Avenue and San Gorgonio Avenue, Westward Avenue carries approximately 978 vehicles per day. The speed survey was conducted on May 3, 2017. The 85th-percentile speed was measured at 45 mph.

#### ▪ Comments

The 85th-percentile speed of 45 mph indicates a speed limit of 45 mph between Sunset Avenue and San Gorgonio Avenue. There was no unsafe speed-related collision during the past two years.

#### ▪ Recommendations

The results of the speed survey indicate a speed limit of 45 mph in this segment. However, there is a high school within this road segment and there are many residential properties west of the high school. Sidewalk exists only at the improved areas. On-street parking is allowed for both sides of the street and there is no bike lane within this road segment. Based on the observed conditions, it is recommended that the posted speed limit on Westward Avenue between Sunset Avenue and San Gorgonio Avenue be 40 mph.

## ■ Williams Street

### Speed Survey Summary of Findings

Street	From	To	Existing Speed Limit	85th %ile Speed	Median Speed	15th %ile Speed	10mph Pace Range	% in Pace Range	Accidents per Million Vehicle Miles	Recom Speed Limit	Justification
Williams Street	Sunset Avenue	Hathaway Street	25	35	29	22	25-34	63%	0.00	25	Residential district and on-street parking

#### ▪ Conditions

Williams Street is an east-west two lane undivided local street. The studied segment is approximately 15,952 feet long. On-street parking is allowed on both sides of the street. There are several residential properties fronting the segment. The surrounding land uses are mostly residential and some vacant lots. The intersection of Williams Street and Sunset Avenue is a one-way stop controlled “T” Intersection. The intersection of Williams Street and Hathaway Street is also a one-way stop controlled “T” Intersection. There are several residential streets that intersect Williams Street along the segment. There are no bike lanes and dirt shoulders existing in only a few areas. Sidewalks exist on some areas of the segment with gaps at unimproved areas. There are 25 mph speed limit signs at each end of the roadway segment.

Between Sunset Avenue and Hathaway Street, Williams Street carries approximately 1,423 vehicles per day. The speed survey was conducted on May 3, 2017. The 85th-percentile speed was measured at 35 mph.

#### ▪ Comments

The 85th-percentile speed of 35 mph indicates a speed limit of 35 mph between Sunset Avenue and Hathaway Street. There were no unsafe speed-related collisions during the past two years.

#### ▪ Recommendations

The results of the speed survey indicate a speed limit of 35 mph in this segment. However, the roadway is a residential local street adjacent and leading directly into residential areas. There is on-street parking on both sides of the street with no bike facility. This segment qualifies as a residence district as there are 13 or more homes within a distance of a quarter of mile fronting the street. Based on the observed conditions, it is recommended that the posted speed limit on Williams Street between Sunset Avenue and Hathaway Street remain 25 mph.

## ■ George Street

### Speed Survey Summary of Findings

Street	From	To	Existing Speed Limit	85th %ile Speed	Median Speed	15th %ile Speed	10mph Pace Range	% in Pace Range	Accidents per Million Vehicle Miles	Recom Speed Limit	Justification
George Street	Sunset Avenue	Woodland Avenue	25	33	26	22	24-33	62%	0.00	25	Residential district and on-street parking
George Street	20th Street	8th Street	35	38	31	25	27-36	58%	0.00	35	85th percentile speed rounded down per CVC 21400(b)
George Street	8th Street	San Gorgonio Avenue	25	35	29	20	27-36	54%	0.00	25	Residential district and on-street parking

### ▪ Conditions

For the purpose of this study, George Street is separated into three segments:

- Sunset Avenue to Woodland Avenue
- 20<sup>th</sup> Street to 8<sup>th</sup> Street
- 8<sup>th</sup> Street to San Gorgonio Avenue

Between Sunset Avenue and Woodland Avenue, George Street is an east-west undivided local street with two lanes. The studied segment is approximately 1,993 feet long. The intersections at Sunset Avenue, Sylvan Avenue, Park Avenue and Woodland Avenue are one-way stop controlled “T” intersections while the intersections at Morongo Avenue and Grove Avenue are two-way stop controlled intersections. On-street parking is allowed on both sides of the street with no bike lane. There are 24 residential driveways fronting the road segment. The surrounding land uses are mostly residential and one park. Sidewalks exist on the south side of the street. There are 25 mph speed limit signs at each end of the roadway segment. George Street carries approximately 460 vehicles per day. The speed survey was conducted on May 4, 2017. The 85th-percentile speed was measured at 33 mph.

Between 20<sup>th</sup> Street and 8<sup>th</sup> Street, George Street is an east-west undivided local street with two lanes. The studied segment is approximately 4,015 feet long. The intersections at 20<sup>th</sup> Street, 19<sup>th</sup> Street, 18<sup>th</sup> Street, Sims Street, 17<sup>th</sup> Street, 14<sup>th</sup> Street, 12<sup>th</sup> Street and Bennette Place are one-way stop controlled “T” intersections while the intersections at 16<sup>th</sup> Street, Altura Place, 10<sup>th</sup> Street and 8<sup>th</sup> Street are two-way stop controlled intersections. On-street parking is allowed on both sides of the street with no bike lane. There are several residential driveways fronting the road segment. The surrounding land uses are mostly residential. Sidewalks exist mostly on the north side of the street. There are 35 mph speed limit signs at each end of the roadway segment. George Street carries approximately 748 vehicles per day. The speed survey was conducted on May 4, 2017. The 85th-percentile speed was measured at 38 mph.

Between 8<sup>th</sup> Street and San Gorgonio Avenue, George Street is an east-west undivided local street with two lanes. The studied segment is approximately 2,641 feet long. The intersections at 5<sup>th</sup> Street, 3<sup>rd</sup> Street and 2<sup>nd</sup> Street are one-way stop controlled “T” intersections while the intersections at 6<sup>th</sup> Street, 4<sup>th</sup> Street and San Gorgonio Avenue are two-way stop controlled

intersections. On-street parking is allowed on both sides of the street with no bike lane. There are several residential driveways and 2 driveways for a church fronting the road segment. The surrounding land uses are mostly residential and 2 churches. Sidewalks exist on some areas, mostly the north of side of the street. There are 25 speed limit signs at each end of the roadway segment. George Street carries approximately 1,021 vehicles per day. The speed survey was conducted on May 4, 2017. The 85th-percentile speed was measured at 35 mph.

- **Comments**

The 85th-percentile speed of 33 mph indicates a speed limit of 35 mph between Sunset Avenue and Woodland Avenue. There was no unsafe speed-related collision during the past two years.

The 85th-percentile speed of 38 mph indicates a speed limit of 40 mph between 20<sup>th</sup> Street and 8<sup>th</sup> Street. There was no unsafe speed-related collision during the past two years.

The 85th-percentile speed of 35 mph indicates a speed limit of 35 mph between 8<sup>th</sup> Street and San Gorgonio Avenue. There was no unsafe speed-related collision during the past two years.

- **Recommendations**

The results of the speed survey indicate a speed limit of 35 mph in this segment. However, the roadway is a residential local street adjacent and leading directly into residential areas. There is on-street parking on both sides of the street with no bike facility. This segment qualifies as a residence district as there are 13 or more homes within a distance of a quarter of mile fronting the street. Based on the observed conditions, it is recommended that the posted speed limit on George Street between Sunset Avenue and Woodland Avenue remain 25 mph.

Rounding the 85<sup>th</sup>-percentile speed to the nearest 5 mph increment indicates a speed limit of 40 mph in this segment. However, there are many residential driveways fronting the roadway and many “T” intersections. On-street parking is allowed and no bike lane exists. Sidewalks are only available mostly on the north side of the street. The 10 mph pace range is lower than the 85<sup>th</sup>-percentile speed. Traffic is travelling lower than 40 mph. Based on the observed conditions and per CVC Section 21400(b), it is recommended that the posted speed limit on George Street between 20<sup>th</sup> Street and 8<sup>th</sup> Street be 35 mph.

The results of the speed survey indicate a speed limit of 35 mph in this segment. However, the roadway is a residential local street adjacent and leading directly into residential areas. There is on-street parking on both sides of the street with no bike facility. This segment qualifies as a residence district as there are 13 or more homes within a distance of a quarter of mile fronting the street. Based on the observed conditions, it is recommended that the posted speed limit on George Street between 8<sup>th</sup> Street and San Gorgonio Avenue remain 25 mph.

## APPENDIX

## VEHICLE SPEED SURVEY SHEETS

## City of Banning

Radar Speed Survey

Speed	MPH			Vehicles Surveyed			TOT.
	Speed	NB	SB	Northbound	Southbound	VEH.	
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	0	0	46			0	
45	0	0	45			0	
44	0	0	44			0	
43	0	0	43			0	
42	0	0	42			0	
41	0	0	41			0	
40	0	0	40			0	
39	1	0	39	X		1	
38	1	0	38	X		1	
37	0	0	37			0	
36	1	0	36	X		1	
35	3	1	35	XX X		4	
34	3	2	34	XXX X		5	
33	6	1	33	XXX XXX X		7	
32	6	6	32	XXX XXX X		12	
31	4	3	31	XX X X		7	
30	3	2	30	XX X X		5	
29	5	6	29	XXX X X		11	
28	4	5	28	XXX X X		9	
27	1	5	27	XX X X		6	
26	4	1	26	XXX X X		5	
25	2	4	25	XX X		6	
24	0	3	24			3	
23	2	2	23	XX		4	
22	2	4	22	XX X		6	
21	0	0	21			0	
20	1	2	20	X		3	
19	0	1	19			1	
18	1	1	18	X		2	
17	0	0	17			0	
16	0	0	16			0	
15	0	1	15	X		1	
Total	50	50		GRAND TOTALS			100

**Location:** 8th Street  
**Between:** Gilman Street - Interstate 10 Interchange  
**Weather:** Clear  
**Date:** 5/2/17  
**Time From:** 9:15  
**Time To:** 9:50  
**Existing Speed Limit:** N / P MPH

	Northbound Statistics	Southbound Statistics	Combined Statistics
% Over Pace:	8%	6%	7%
% In Pace:	74%	78%	73%
% Under Pace:	18%	16%	20%
Average Speed:	27 MPH	30 MPH	28 MPH
Pace Speed:	23 - 32 MPH	26 - 35 MPH	25 - 34 MPH
15th Percentile / Critical Speed:	24 MPH	21 MPH	22 MPH
50th Percentile / Critical Speed:	30 MPH	27 MPH	28 MPH
85th Percentile / Critical Speed:	33 MPH	31 MPH	32 MPH



Radar Survey Conducted By:  
Counts Unlimited, Inc.

PO Box 1178  
Corona, CA 92880

T 951-268-6268 F 951-268-6267

## City of Banning

Radar Speed Survey

Speed	MPH			Vehicles Surveyed			TOT.
	Speed	NB	SB	Northbound	Southbound	VEH.	
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	0	0	46			0	
45	0	0	45			0	
44	0	1	44	X		1	
43	0	0	43			0	
42	0	0	42			0	
41	0	0	41			0	
40	1	0	40	X		1	
39	0	1	39		X	1	
38	0	2	38		XX	2	
37	1	3	37	X	XXX	4	
36	0	3	36		XXX	3	
35	1	2	35	X	XX	3	
34	1	4	34	X	XXXX	5	
33	2	6	33	XX	XXXXXX	8	
32	1	5	32	X	XXXXX	6	
31	4	3	31	XXX	XX	7	
30	3	5	30	XXX	XXX	8	
29	5	3	29	XXX	XX	8	
28	2	3	28	XX	XX	5	
27	6	1	27	XXX	XX	7	
26	4	1	26	XXX	X	5	
25	3	3	25	XX	XX	6	
24	5	1	24	XXX	XX	6	
23	3	2	23	XX	X	5	
22	4	0	22	XXX		4	
21	0	1	21		X	1	
20	1	0	20	X		1	
19	0	0	19			0	
18	1	0	18	X		1	
17	0	0	17			0	
16	2	0	16	XX		2	
15	0	0	15			0	
Total	50	50		GRAND TOTALS			100

Location: 22nd Street

Between: Ramsey Street - Westward Avenue

Weather: Clear

Date: 5/2/17

Time From: 9:55

Time To: 10:45

Existing Speed Limit: 35 MPH

Northbound Statistics	Southbound Statistics	Combined Statistics
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% Over Pace: 8%	14%	20%
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% In Pace: 74%	78%	66%
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% Under Pace: 18%	8%	14%
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Average Speed: 32 MPH	27 MPH	29 MPH
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Pace Speed: 28 - 37 MPH	22 - 31 MPH	24 - 33 MPH
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15th Percentile / Critical Speed: 21 MPH	25 MPH	23 MPH
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50th Percentile / Critical Speed: 26 MPH	31 MPH	28 MPH
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85th Percentile / Critical Speed: 30 MPH	35 MPH	34 MPH
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Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880



T 951-268-6268 F 951-268-6267

## City of Banning

### Radar Speed Survey

			MPH	Vehicles Surveyed			TOT.
Speed	NB	SB		Northbound	Southbound	VEH.	
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	2	47	X X		2	
46	0	1	46	X		1	
45	0	1	45	X		1	
44	0	1	44	X		1	
43	2	1	43	X X		3	
42	0	3	42	X X X		3	
41	2	2	41	X X		4	
40	1	3	40	X	X X X	4	
39	3	3	39	X X X	X X X	6	
38	3	2	38	X X X	X X	5	
37	5	4	37	X X X X X	X X X X	9	
36	4	6	36	X X X X	X X X X X X	10	
35	4	3	35	X X X X	X X X	7	
34	2	1	34	X X		3	
33	3	2	33	X X X	X X	5	
32	3	3	32	X X X	X X X	6	
31	3	1	31	X X X	X	4	
30	3	0	30	X X X		3	
29	2	4	29	X X	X X X X	6	
28	0	2	28		X X	2	
27	1	1	27	X		2	
26	2	2	26	X X	X X	4	
25	1	1	25	X	X	2	
24	3	1	24	X X X	X	4	
23	2	0	23	X X		2	
22	1	0	22	X		1	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50		GRAND TOTALS			100

**Location:** Alessandro Road  
**Between:** Repllier Street - Wilson Street  
**Weather:** Clear  
**Date:** 5/3/17  
**Time From:** 1:20  
**Time To:** 2:20  
**Existing Speed Limit:** 30 MPH

*	Northbound Statistics	Southbound Statistics	Combined Statistics
*	12%	10%	11%
P	58%	66%	59%
A	30%	24%	30%
C	36 MPH	33 MPH	34 MPH
E	33 - 42 MPH	30 - 39 MPH	32 - 41 MPH
*			
	15th Percentile / Critical Speed: 25 MPH	28 MPH	27 MPH
	50th Percentile / Critical Speed: 33 MPH	35 MPH	34 MPH
	85th Percentile / Critical Speed: 38 MPH	41 MPH	39 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267



## City of Banning

### Radar Speed Survey

			MPH	Vehicles Surveyed			TOT.
Speed	NB	SB		Northbound	Southbound	VEH.	
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	0	0	46			0	
45	0	0	45			0	
44	0	0	44			0	
43	0	0	43			0	
42	0	2		X X		2	
41	0	3		X X X		3	
40	1	0	40	X		1	
39	0	1	39	X		1	
38	1	3	38	X X X		4	
37	1	4	37	X X X X		5	
36	0	2	36	X X		2	
35	2	5	35	X X X X X		7	
34	3	6	34	X X X X		9	
33	4	2	33	X X X X		6	
32	4	5	32	X X X X		9	
31	3	3	31	X X X		6	
30	3	3	30	X X X		6	
29	6	1	29	X X X X X X		7	
28	0	3	28	X X X		3	
27	4	2	27	X X X X		6	
26	3	1	26	X X X		4	
25	3	0	25	X X X		3	
24	2	3	24	X X X		5	
23	3	1	23	X X X		4	
22	2	0	22	X X X		2	
21	2	0	21	X X		2	
20	2	0	20	X X		2	
19	1	0	19	X		1	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50		GRAND TOTALS			100

**Location:** Alessandro Road  
**Between:** Wilson Street - Ramsey Street  
**Weather:** Clear  
**Date:** 5/3/17  
**Time From:** 2:20  
**Time To:** 3:00  
**Existing Speed Limit:** 30 MPH

	Northbound Statistics	Southbound Statistics	Combined Statistics
% Over Pace:	10%	10%	18%
% In Pace:	68%	66%	63%
% Under Pace:	22%	24%	19%
Average Speed:	33 MPH	29 MPH	31 MPH
Pace Speed:	30 - 39 MPH	25 - 34 MPH	26 - 35 MPH
15th Percentile / Critical Speed:	22 MPH	27 MPH	23 MPH
50th Percentile / Critical Speed:	28 MPH	33 MPH	30 MPH
85th Percentile / Critical Speed:	33 MPH	37 MPH	36 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880



T 951-268-6268 F 951-268-6267

## City of Banning

Radar Speed Survey

Speed	MPH			Vehicles Surveyed		TOT.
	Speed	EB	WB	Eastbound	Westbound	
65	0	0	65			0
64	0	0	64			0
63	0	0	63			0
62	0	0	62			0
61	0	0	61			0
60	0	0	60			0
59	0	0	59			0
58	0	0	58			0
57	0	0	57			0
56	0	0	56			0
55	0	0	55			0
54	0	0	54			0
53	0	0	53			0
52	0	0	52			0
51	0	0	51			0
50	0	0	50			0
49	0	0	49			0
48	0	0	48			0
47	0	0	47			0
46	0	0	46			0
45	0	0	45			0
44	0	0	44			0
43	0	0	43			0
42	0	0	42			0
41	2	0	41	XX		2
40	1	4	40	X	XXXXX	5
39	1	3	39	XX	XXX	4
38	0	1	38	X		1
37	1	0	37	X		1
36	6	0	36	XXXXXX		6
35	5	1	35	XXX		6
34	5	2	34	XXX		7
33	1	6	33	X	XXXXXX	7
32	2	3	32	XX		5
31	2	1	31	XX		3
30	3	2	30	XX		5
29	3	3	29	XX		6
28	1	3	28	X		4
27	2	3	27	XX		5
26	2	4	26	XX		6
25	0	1	25	X		1
24	1	2	24	X		3
23	1	1	23	X		2
22	0	1	22	X		1
21	5	5	21	XXX	XX	10
20	1	1	20	X		2
19	1	2	19	X	X	3
18	1	0	18	X		1
17	1	1	17	X		2
16	0	0	16			0
15	2	0	15	XX		2
Total	50	50		GRAND TOTALS		100

**Location:** George Street  
**Between:** 8th Street - San Gorgonio Avenue  
**Weather:** Clear  
**Date:** 5/4/17  
**Time From:** 12:45  
**Time To:** 3:00  
**Existing Speed Limit:** 25 MPH

	Eastbound Statistics	Westbound Statistics	Combined Statistics
% Over Pace:	16%	10%	13%
% In Pace:	56%	60%	54%
% Under Pace:	28%	30%	33%
Average Speed:	29 MPH	30 MPH	29 MPH
Pace Speed:	26 - 35 MPH	27 - 36 MPH	27 - 36 MPH
15th Percentile / Critical Speed:	20 MPH	20 MPH	20 MPH
50th Percentile / Critical Speed:	30 MPH	28 MPH	29 MPH
85th Percentile / Critical Speed:	35 MPH	37 MPH	35 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880



T 951-268-6268 F 951-268-6267

## City of Banning

Radar Speed Survey

Speed	MPH			Vehicles Surveyed		TOT.
	Speed	EB	WB	Eastbound	Westbound	
65	0	0	65			0
64	0	0	64			0
63	0	0	63			0
62	0	0	62			0
61	0	0	61			0
60	0	0	60			0
59	0	0	59			0
58	0	0	58			0
57	0	0	57			0
56	0	0	56			0
55	0	0	55			0
54	0	0	54			0
53	0	0	53			0
52	0	0	52			0
51	0	0	51			0
50	0	0	50			0
49	0	0	49			0
48	0	0	48			0
47	0	0	47			0
46	1	1	46	X	X	2
45	0	1	45		X	1
44	1	1	44	X	X	2
43	0	1	43		X	1
42	0	1	42		X	1
41	1	1	41	X	X	2
40	2	4	40	XX	XX	6
39	2	2	39	XX	XX	4
38	2	3	38	XX	XX	5
37	1	1	37	X	X	2
36	2	4	36	XX	XX	6
35	5	5	35	XXX	XX	10
34	3	1	34	XX	X	4
33	2	1	33	XX	X	3
32	4	4	32	XXX	XX	8
31	4	2	31	XX	XX	6
30	1	5	30	X	XX	6
29	2	1	29	X	X	3
28	4	1	28	XX	X	5
27	4	3	27	XX	XX	7
26	0	1	26		X	1
25	3	2	25	XX	X	5
24	1	0	24	X		1
23	1	1	23	X		2
22	1	0	22	X		1
21	1	1	21	X	X	2
20	0	2	20		XX	2
19	2	0	19	XX		2
18	0	0	18			0
17	0	0	17			0
16	0	0	16			0
15	0	0	15			0
Total	50	50		GRAND TOTALS		100

**Location:** George Street  
**Between:** 20th Street - 8th Street  
**Weather:** Clear  
**Date:** 5/4/17  
**Time From:** 1:00  
**Time To:** 2:45  
**Existing Speed Limit:** 35 MPH

	Eastbound Statistics	Westbound Statistics	Combined Statistics
% Over Pace:	20%	20%	26%
% In Pace:	56%	62%	58%
% Under Pace:	24%	18%	16%
Average Speed:	33 MPH	32 MPH	33 MPH
Pace Speed:	30 - 39 MPH	27 - 36 MPH	27 - 36 MPH
PA			
CE			
15th Percentile / Critical Speed:	24 MPH	26 MPH	25 MPH
50th Percentile / Critical Speed:	31 MPH	34 MPH	31 MPH
85th Percentile / Critical Speed:	37 MPH	39 MPH	38 MPH



Radar Survey Conducted By:  
Counts Unlimited, Inc.

PO Box 1178  
Corona, CA 92880

T 951-268-6268 F 951-268-6267

## City of Banning

Radar Speed Survey

Speed	MPH			Vehicles Surveyed		TOT.
	EB	WB		Eastbound	Westbound	
65	0	0				65
64	0	0				64
63	0	0				63
62	0	0				62
61	0	0				61
60	0	0				60
59	0	0				59
58	0	0				58
57	0	0				57
56	0	0				56
55	0	0				55
54	0	0				54
53	0	0				53
52	0	0				52
51	0	0				51
50	0	0				50
49	0	0				49
48	0	0				48
47	0	0				47
46	0	0				46
45	0	0				45
44	0	0				44
43	0	0				43
42	0	0				42
41	0	0				41
40	0	1		X		40
39	0	1		X		39
38	1	0				38
37	0	1		X		37
36	0	2		X X		36
35	3	3		X X X		35
34	3	2		X X X		34
33	2	5		X X X X X		33
32	1	0		X		32
31	2	3		X X		31
30	6	2		X X X X X X		30
29	2	2		X X		29
28	0	3		X X X		28
27	6	5		X X X X X X		27
26	3	3		X X X		26
25	6	5		X X X X X X		25
24	3	3		X X X		24
23	5	1		X X X X X		23
22	0	1		X		22
21	1	1		X		21
20	2	4		X X		20
19	2	0		X X		19
18	0	1		X		18
17	1	1		X		17
16	1	0		X		16
15	0	0				15
Total	50	50			GRAND TOTALS	100

**Location:** George Street  
**Between:** Sunset Avenue - Woodland Avenue  
**Weather:** Clear  
**Date:** 5/4/17  
**Time From:** 12:00  
**Time To:** 3:10  
**Existing Speed Limit:** 25 MPH

	Eastbound Statistics	Westbound Statistics	Combined Statistics
% Over Pace:	20%	18%	17%
% In Pace:	62%	68%	62%
% Under Pace:	18%	14%	21%
Average Speed:	28 MPH	27 MPH	28 MPH
Pace Speed:	24 - 33 MPH	23 - 32 MPH	24 - 33 MPH
15th Percentile / Critical Speed:	22 MPH	21 MPH	22 MPH
50th Percentile / Critical Speed:	26 MPH	27 MPH	26 MPH
85th Percentile / Critical Speed:	32 MPH	34 MPH	33 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880



T 951-268-6268 F 951-268-6267

## City of Banning

## Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed		TOT. VEH.
				Northbound		
65	0	0	65			0
64	0	0	64			0
63	0	0	63			0
62	0	0	62			0
61	0	0	61			0
60	0	0	60			0
59	0	0	59			0
58	0	0	58			0
57	0	0	57			0
56	0	0	56			0
55	0	0	55			0
54	0	0	54			0
53	0	0	53			0
52	0	0	52			0
51	0	0	51			0
50	0	0	50			0
49	0	0	49			0
48	0	0	48			0
47	0	0	47			0
46	0	0	46			0
45	0	0	45			0
44	0	0	44			0
43	0	0	43			0
42	0	0	42			0
41	0	0	41			0
40	0	0	40			0
39	1	1	39	X	X	2
38	0	0	38			0
37	0	0	37			0
36	0	0	36			0
35	1	0	35	X		1
34	2	1	34	XX	X	3
33	4	1	33	XXX X	X	5
32	4	3	32	XXX X	XX X	7
31	3	3	31	XX X	XX X	6
30	2	5	30	XX	XXX X X	7
29	6	7	29	XX X X X X	XXX X X X X	13
28	3	4	28	XX X	XX X X	7
27	3	2	27	XX X	XX	5
26	3	6	26	XX X	XXX X X X	9
25	1	3	25	X	XXX	4
24	6	2	24	XX X X X X X	XX	8
23	5	2	23	XX X X X	X	7
22	3	3	22	XX X	XX X	6
21	1	2	21	X	XX	3
20	1	2	20	X	XX	3
19	1	1	19	X		2
18	0	0	18			0
17	0	1	17		X	1
16	0	1	16		X	1
15	0	0	15			0
Total	50	50			GRAND TOTALS	100

**Location:** Hargrave Street

**Between:** Ramsey Street - Wesley Street

**Weather:** Clear

Date: 5/2/17

## Time

## Time

**Existing  
Speed Limit:** 35 MPH

	Northbound Statistics	Southbound Statistics	Combined Statistics
% Over Pace:	6%	16%	11%
% In Pace:	74%	72%	73%
% Under Pace:	20%	12%	16%
Average Speed:	27 MPH	28 MPH	27 MPH
Pace Speed:	23 - 32 MPH	23 - 32 MPH	23 - 32 MPH
15th Percentile / Critical Speed:	22 MPH	21 MPH	21 MPH
50th Percentile / Critical Speed:	27 MPH	27 MPH	27 MPH
85th Percentile / Critical Speed:	32 MPH	30 MPH	31 MPH

### Radar Survey Conducted By:

## Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880



T 951-268-6268 F 951-268-6267

## City of Banning

Radar Speed Survey

			MPH	Vehicles Surveyed			TOT.	
Speed	NB	SB		Northbound		Southbound	VEH.	
65	0	0	65				0	
64	0	0	64				0	
63	0	0	63				0	
62	0	0	62				0	
61	0	0	61				0	
60	0	0	60				0	
59	0	0	59				0	
58	0	0	58				0	
57	0	0	57				0	
56	0	0	56				0	
55	0	0	55				0	
54	0	0	54				0	
53	0	0	53				0	
52	0	0	52				0	
51	0	0	51				0	
50	0	0	50				0	
49	0	0	49				0	
48	0	0	48				0	
47	0	0	47				0	
46	0	0	46				0	
45	0	0	45				0	
44	0	0	44				0	
43	0	0	43				0	
42	0	0	42				0	
41	0	0	41				0	
40	0	0	40				0	
39	0	0	39				0	
38	0	0	38				0	
37	0	0	37				0	
36	0	0	36				0	
35	0	0	35				0	
34	0	0	34				0	
33	0	0	33				0	
32	0	0	32				0	
31	0	0	31				0	
30	0	0	30				0	
29	0	0	29				0	
28	1	0	28	X			1	
27	1	0	27	X			1	
26	1	1	26	X		X	2	
25	3	4	25	X X		X X X X	7	
24	6	6	24	X X X X X X		X X X X X X	12	
23	7	5	23	X X X X X X		X X X X X	12	
22	5	6	22	X X X X X		X X X X X X	11	
21	6	9	21	X X X X X X		X X X X X X X X X	15	
20	10	13	20	X X X X X X X X X X		X X X X X X X X X X X X X X	23	
19	3	2	19	X X X		X X	5	
18	2	2	18	X X		X X	4	
17	2	2	17	X X		X X	4	
16	1	0	16	X			1	
15	2	0	15	X X			2	
Total	50	50		GRAND TOTALS			100	

Location: Hargrave Street

Between: Wilson Street - Ramsey Street

Weather: Clear

Date: 5/2/17

Time From: 10:55

Time To: 11:15

Existing Speed Limit: 30 MPH

	Northbound Statistics	Southbound Statistics	Combined Statistics
% Over Pace:	0%	4%	2%
% In Pace:	100%	90%	95%
% Under Pace:	0%	6%	3%
Average Speed:	21 MPH	21 MPH	21 MPH
Pace Speed:	17 - 26 MPH	17 - 26 MPH	17 - 26 MPH

15th Percentile / Critical Speed: 18 MPH 19 MPH 18 MPH

50th Percentile / Critical Speed: 20 MPH 20 MPH 20 MPH

85th Percentile / Critical Speed: 23 MPH 23 MPH 23 MPH

P  
A  
C  
E  
\*

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880



T 951-268-6268 F 951-268-6267

## City of Banning

Radar Speed Survey

			MPH	Vehicles Surveyed			TOT.
Speed	NB	SB		Northbound		Southbound	VEH.
65	0	0	65				0
64	0	0	64				0
63	0	0	63				0
62	0	0	62				0
61	0	0	61				0
60	0	0	60				0
59	0	0	59				0
58	0	0	58				0
57	0	0	57				0
56	0	0	56				0
55	0	0	55				0
54	0	0	54				0
53	0	0	53				0
52	0	0	52				0
51	0	0	51				0
50	2	2	50	X X		X X	4
49	0	0	49				0
48	0	0	48				0
47	2	0	47	X X			2
46	1	2	46	X		X X	3
45	1	4	45	X		X X X X	5
44	1	1	44	X		X	2
43	1	2	43	X		X X	3
42	1	5	42	X		X X X X X	6
41	3	0	41	X X X			3
40	6	4	40	X X X X X X		X X X X	10
39	1	2	39	X		X X	3
38	4	1	38	X X X X		X	5
37	3	3	37	X X X		X X X	6
36	1	3	36	X		X X X	4
35	2	2	35	X X		X X	4
34	1	3	34	X		X X X	4
33	3	0	33	X X X			3
32	4	1	32	X X X X		X	5
31	3	1	31	X X X		X	4
30	2	4	30	X X X		X X X X	6
29	2	3	29	X X		X X X	5
28	3	0	28	X X X			3
27	1	2	27	X		X X	3
26	0	3	26			X X X	3
25	2	1	25	X X		X	3
24	0	0	24				0
23	0	1	23			X	1
22	0	0	22				0
21	0	0	21				0
20	0	0	20				0
19	0	0	19				0
18	0	0	18				0
17	0	0	17				0
16	0	0	16				0
15	0	0	15				0
Total	50	50		GRAND TOTALS			100

P	% Over Pace:	8%	Northbound Statistics	Southbound Statistics	Combined Statistics
A	% In Pace:	50%			
C	% Under Pace:	42%			
E	Average Speed:	37 MPH	36 MPH	36 MPH	
*	Pace Speed:	36 - 45 MPH	32 - 41 MPH	34 - 43 MPH	
<hr/>					
15th Percentile / Critical Speed: 28 MPH					
<hr/>					
50th Percentile / Critical Speed: 36 MPH					
<hr/>					
85th Percentile / Critical Speed: 42 MPH					
<hr/>					

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880



T 951-268-6268 F 951-268-6267

## City of Banning

Radar Speed Survey

Speed	MPH			Vehicles Surveyed			TOT.
	Speed	NB	SB	Northbound	Southbound	VEH.	
65	0	0	65				0
64	0	0	64				0
63	0	0	63				0
62	0	0	62				0
61	0	0	61				0
60	0	0	60				0
59	0	0	59				0
58	1	0	58	X			1
57	0	1	57		X		1
56	0	0	56				0
55	0	0	55				0
54	0	0	54				0
53	1	0	53	X			1
52	0	0	52				0
51	0	0	51				0
50	0	1	50		X		1
49	0	0	49				0
48	1	0	48	X			1
47	1	0	47	X			1
46	0	2	46		XX		2
45	4	4	45	XXX	XX		8
44	2	2	44	XX	XX		4
43	1	2	43	X	XX		3
42	3	1	42	XX	X		4
41	1	2	41	X	XX		3
40	0	2	40		XX		2
39	1	3	39	X	XX		4
38	2	1	38	XX	X		3
37	1	0	37	X			1
36	1	2	36	X	XX		3
35	2	1	35	XX	X		3
34	3	0	34	XXX			3
33	3	1	33	XX	X		4
32	1	4	32	X	XXX		5
31	2	4	31	XX	XX		6
30	4	3	30	XXX	XX		7
29	2	1	29	XX	X		3
28	1	0	28	X			1
27	2	0	27	XX			2
26	2	2	26	XX	XX		4
25	3	1	25	XX	X		4
24	2	0	24	XX			2
23	1	2	23	X	XX		3
22	0	1	22		X		1
21	1	0	21	X			1
20	1	4	20	X	XXX		5
19	0	1	19		X		1
18	0	0	18				0
17	0	1	17		X		1
16	0	0	16		X		0
15	0	1	15		X		1
Total	50	50		GRAND TOTALS			100

**Location:** Hathaway Street  
**Between:** Lincoln Street - Wesley Street  
**Weather:** Clear  
**Date:** 4/26/17  
**Time From:** 12:25  
**Time To:** 2:15  
**Existing Speed Limit:** 35 MPH

	Northbound Statistics	Southbound Statistics	Combined Statistics
<b>% Over Pace:</b>	4%	44%	32%
<b>* % In Pace:</b>	38%	46%	39%
<b>* % Under Pace:</b>	58%	10%	29%
<b>Average Speed:</b>	34 MPH	35 MPH	34 MPH
<b>E Pace Speed:</b>	38 - 47 MPH	25 - 34 MPH	30 - 39 MPH
<b>*</b>			
<b>15th Percentile / Critical Speed:</b>	24 MPH	21 MPH	24 MPH
<b>50th Percentile / Critical Speed:</b>	33 MPH	32 MPH	32 MPH
<b>85th Percentile / Critical Speed:</b>	44 MPH	44 MPH	44 MPH

Radar Survey Conducted By:

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PO Box 1178

Corona, CA 92880



T 951-268-6268 F 951-268-6267

## City of Banning

Radar Speed Survey

			MPH	Vehicles Surveyed			TOT.	
Speed	NB	SB		Northbound		Southbound	VEH.	
65	0	0	65				0	
64	0	0	64				0	
63	0	0	63				0	
62	0	0	62				0	
61	0	0	61				0	
60	0	0	60				0	
59	0	0	59				0	
58	0	0	58				0	
57	0	0	57				0	
56	0	0	56				0	
55	0	0	55				0	
54	0	0	54				0	
53	0	0	53				0	
52	0	0	52				0	
51	0	0	51				0	
50	0	0	50				0	
49	0	0	49				0	
48	0	0	48				0	
47	1	0	47	X			1	
46	0	1	46		X		1	
45	0	1	45		X		1	
44	0	0	44				0	
43	0	0	43				0	
42	0	0	42				0	
41	1	2	41	X		X X	3	
40	3	4	40	X X X		X X X X	7	
39	1	2	39	X		X X	3	
38	2	5	38	X X		X X X X X	7	
37	1	4	37	X		X X X X	5	
36	3	3	36	X X X		X X X	6	
35	1	2	35	X		X X	3	
34	3	0	34	X X X			3	
33	2	2	33	X X		X X	4	
32	5	4	32	X X X X X		X X X X	9	
31	6	0	31	X X X X X	X		6	
30	3	1	30	X X X		X	4	
29	3	0	29	X X X			3	
28	4	0	28	X X X X			4	
27	2	1	27	X X		X	3	
26	4	3	26	X X X X		X X X	7	
25	2	6	25	X X		X X X X X X	8	
24	2	4	24	X X		X X X X	6	
23	0	1	23	X		X	1	
22	1	2	22	X		X X	3	
21	0	1	21		X		1	
20	0	0	20				0	
19	0	1	19		X		1	
18	0	0	18				0	
17	0	0	17				0	
16	0	0	16				0	
15	0	0	15				0	
Total	50	50		GRAND TOTALS			100	

Location: Highland Home Road

Between: Wilson Street - Ramsey Street

Weather: Clear

Date: 5/4/17

Time  
From: 9:05

Time  
To: 10:15

Existing  
Speed Limit: 40 MPH

**Northbound Statistics**      **Southbound Statistics**      **Combined Statistics**

% Over Pace: 4%      26%      40%

% In Pace: 56%      68%      54%

% Under Pace: 40%      6%      6%

Average Speed: 32 MPH      32 MPH      32 MPH

Pace Speed: 32 - 41 MPH      25 - 34 MPH      24 - 33 MPH

**P**      **A**      **C**      **E**      **15th Percentile / Critical Speed:** 25 MPH      23 MPH      24 MPH

**A**      **C**      **E**      **50th Percentile / Critical Speed:** 30 MPH      32 MPH      31 MPH

**C**      **E**      **85th Percentile / Critical Speed:** 37 MPH      39 MPH      38 MPH



Radar Survey Conducted By:

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PO Box 1178

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## City of Banning

Radar Speed Survey

			MPH	Vehicles Surveyed			TOT.
Speed	NB	SB		Northbound	Southbound	VEH.	
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	1	51	X		1	
50	0	1	50	X		1	
49	0	1	49	X		1	
48	1	1	48	X		2	
47	1	0	47	X		1	
46	0	1	46	X		1	
45	3	2	45	XXX	XX	5	
44	2	2	44	XX	XX	4	
43	1	3	43	X	XX	4	
42	3	0	42	XX	X	3	
41	4	2	41	XXX	XX	6	
40	2	6	40	XX	XXX	8	
39	7	5	39	XXX	XXX	12	
38	4	1	38	XXX	X	5	
37	4	3	37	XX	XX	7	
36	6	4	36	XXX	XX	10	
35	1	3	35	X	XX	4	
34	3	1	34	XX	X	4	
33	2	1	33	XX	X	3	
32	1	0	32	X		1	
31	2	2	31	XX		4	
30	1	1	30	X		2	
29	0	3	29		XX	3	
28	1	2	28	X	XX	3	
27	0	2	27		XX	2	
26	0	1	26		X	1	
25	0	1	25		X	1	
24	0	0	24			0	
23	0	0	23			0	
22	1	0	22	X		1	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50		GRAND TOTALS			100

Location: Highland Springs Road

Between: Oak Valley Parkway - Wilson Street

Weather: Clear

Date: 4/25/17

Time From: 11:50

Time To: 12:10

Existing Speed Limit: 50 MPH

**P** Northbound Statistics      Southbound Statistics      Combined Statistics

**A** 14%      4%      7%

**C** % Over Pace: 14%      4%      7%

**E** % In Pace: 58%      72%      64%

**E** % Under Pace: 28%      24%      29%

**A** Average Speed: 37 MPH      38 MPH      38 MPH

**P** Pace Speed: 35 - 44 MPH      36 - 45 MPH      36 - 45 MPH

**15th Percentile / Critical Speed:** 32 MPH      28 MPH      30 MPH

**50th Percentile / Critical Speed:** 37 MPH      38 MPH      37 MPH

**85th Percentile / Critical Speed:** 42 MPH      43 MPH      43 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880



T 951-268-6268 F 951-268-6267

## City of Banning

Radar Speed Survey

Speed	MPH			Vehicles Surveyed			TOT.
	Speed	NB	SB	Northbound	Southbound	VEH.	
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	0	0	46			0	
45	0	0	45			0	
44	0	0	44			0	
43	0	1	43	X		1	
42	0	2	42	X X		2	
41	1	1	41	X		2	
40	2	2	40	X X		4	
39	1	7	39	X	X X X X X X X	8	
38	2	4	38	X X	X X X X	6	
37	3	3	37	X X X	X X	6	
36	2	5	36	X X	X X X X X	7	
35	4	2	35	X X X X	X X	6	
34	4	5	34	X X X X	X X X X	9	
33	4	4	33	X X X X	X X X X	8	
32	3	4	32	X X X	X X X X	7	
31	4	1	31	X X X X	X	5	
30	2	3	30	X X	X X X	5	
29	6	3	29	X X X X X X	X X X	9	
28	3	0	28	X X X		3	
27	5	1	27	X X X X X	X	6	
26	0	1	26		X	1	
25	1	0	25	X		1	
24	2	1	24	X X	X	3	
23	0	0	23			0	
22	0	0	22			0	
21	1	0	21	X		1	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50		GRAND TOTALS			100

Location: [Highland Springs Road](#)

Between: [Sun Lake Boulevard - South City Limit](#)

Weather: Clear

Date: 4/25/17

Time From: 12:35

Time To: 12:55

Existing Speed Limit: [35 MPH](#)

Northbound Statistics      Southbound Statistics      Combined Statistics

% Over Pace: [12%](#)      [18%](#)      [17%](#)

% In Pace: [76%](#)      [74%](#)      [68%](#)

% Under Pace: [12%](#)      [8%](#)      [15%](#)

Average Speed: [35 MPH](#)      [32 MPH](#)      [33 MPH](#)

Pace Speed: [30 - 39 MPH](#)      [27 - 36 MPH](#)      [29 - 38 MPH](#)

15th Percentile / Critical Speed: [26 MPH](#)      [29 MPH](#)      [28 MPH](#)

50th Percentile / Critical Speed: [31 MPH](#)      [35 MPH](#)      [33 MPH](#)

85th Percentile / Critical Speed: [36 MPH](#)      [38 MPH](#)      [38 MPH](#)

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880



T 951-268-6268 F 951-268-6267

## City of Banning

Radar Speed Survey

Speed	MPH			Vehicles Surveyed			TOT.
	Speed	NB	SB	Northbound	Southbound	VEH.	
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	0	0	46			0	
45	0	0	45			0	
44	0	0	44			0	
43	0	0	43			0	
42	0	0	42			0	
41	0	0	41			0	
40	0	0	40			0	
39	0	0	39			0	
38	0	0	38			0	
37	0	0	37			0	
36	0	2	36	X X		2	
35	0	3	35	X X X		3	
34	0	3	34	X X X		3	
33	0	1	33	X		1	
32	0	6	32	X X X X X X		6	
31	0	7	31	X X X X X X X		7	
30	1	3	30	X		4	
29	0	2	29	X X		2	
28	1	3	28	X X X		4	
27	1	1	27	X		2	
26	3	1	26	X X X		4	
25	3	3	25	X X X		6	
24	7	3	24	X X X X X X X		10	
23	9	3	23	X X X X X X X X		12	
22	6	2	22	X X X X X X X		8	
21	7	1	21	X X X X X X X		8	
20	3	3	20	X X X		6	
19	5	0	19	X X X X X		5	
18	2	1	18	X X		3	
17	1	2	17	X		3	
16	1	0	16	X		1	
15	0	0	15			0	
Total	50	50		GRAND TOTALS			100

Location: [Highland Springs Road](#)

Between: [Wilson Street - Sun Lake Boulevard](#)

Weather: Clear

Date: 4/25/17

Time From: 12:20

Time To: 12:35

Existing Speed Limit: 35 MPH

Northbound Statistics	Southbound Statistics	Combined Statistics
18%	4%	28%

% In Pace:	64%	92%
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% Under Pace:	18%	4%
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Average Speed:	28 MPH	22 MPH
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Pace Speed:	23 - 32 MPH	18 - 27 MPH
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15th Percentile / Critical Speed:	18 MPH	21 MPH
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50th Percentile / Critical Speed:	22 MPH	29 MPH
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85th Percentile / Critical Speed:	24 MPH	33 MPH
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A C E	30 MPH	30 MPH
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Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

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## City of Banning

Radar Speed Survey

Speed	MPH			Vehicles Surveyed		TOT.
	EB	WB		Eastbound	Westbound	
65	0	0				65
64	0	0				64
63	0	0				63
62	0	0				62
61	0	0				61
60	0	0				60
59	0	0				59
58	0	0				58
57	0	0				57
56	0	1				56
55	0	0				55
54	2	0				54
53	0	0				53
52	0	2				52
51	0	0				51
50	4	0				50
49	3	2				49
48	1	5				48
47	1	0				47
46	3	1				46
45	1	3				45
44	3	2				44
43	3	3				43
42	5	2				42
41	6	3				41
40	1	3				40
39	5	2				39
38	2	5				38
37	0	2				37
36	2	3				36
35	2	2				35
34	2	2				34
33	1	2				33
32	0	0				32
31	0	2				31
30	2	0				30
29	0	1				29
28	0	1				28
27	0	0				27
26	0	1				26
25	1	0				25
24	0	0				24
23	0	0				23
22	0	0				22
21	0	0				21
20	0	0				20
19	0	0				19
18	0	0				18
17	0	0				17
16	0	0				16
15	0	0				15
Total	50	50				
				GRAND TOTALS		100

**Location:** Lincoln Street

**Between:** 8th Street - San Gorgonio Avenue

**Weather:** Clear

**Date:** 4/26/17

**Time From:** 11:15

**Time To:** 11:35

**Existing Speed Limit:** 40 MPH

**P** **A** **C** **E** **Combined Statistics**

<b>% Over Pace:</b>	<b>Eastbound Statistics</b>	<b>Westbound Statistics</b>
22%	4%	25%

**\* % In Pace:** 56% 60% 56%

**\* % Under Pace:** 22% 36% 19%

**Average Speed:** 40 MPH 42 MPH 41 MPH

**Pace Speed:** 36 - 45 MPH 41 - 50 MPH 36 - 45 MPH

**15th Percentile / Critical Speed:** 34 MPH 33 MPH 34 MPH

**50th Percentile / Critical Speed:** 41 MPH 39 MPH 40 MPH

**85th Percentile / Critical Speed:** 48 MPH 47 MPH 47 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880



T 951-268-6268 F 951-268-6267

## City of Banning

Radar Speed Survey

Speed	MPH			Vehicles Surveyed		TOT.
	EB	WB		Eastbound	Westbound	
65	0	0				0
64	0	0				0
63	0	0				0
62	0	0				0
61	0	0				0
60	0	0				0
59	0	0				0
58	0	0				0
57	0	0				0
56	0	0				0
55	0	0				0
54	0	0				0
53	0	3			X X X	3
52	1	0		X		1
51	1	1		X		2
50	2	2		X X		4
49	1	3		X X X		4
48	3	0		X X X		3
47	2	4		X X X X		6
46	4	1		X X X X		5
45	3	2		X X X		5
44	2	1		X X		3
43	3	3		X X X		6
42	2	3		X X X		5
41	4	1		X X X X		5
40	4	4		X X X X		8
39	2	3		X X X		5
38	4	2		X X X		6
37	2	4		X X X X		6
36	1	3		X X X		4
35	1	2		X X		3
34	1	2		X X		3
33	2	1		X		3
32	4	0				4
31	0	3		X X X		3
30	0	0				0
29	0	0				0
28	1	0				1
27	0	0				0
26	0	0				0
25	0	1		X		1
24	0	0				0
23	0	0				0
22	0	0				0
21	0	0				0
20	0	1		X		1
19	0	0				0
18	0	0				0
17	0	0				0
16	0	0				0
15	0	0				0
Total	50	50		GRAND TOTALS		100

Location: Lincoln Street

Between: 22nd Street - 8th Street

Weather: Clear

Date: 4/26/17

Time From: 10:05

Time To: 11:15

Existing Speed Limit: 40 MPH

PAC

E Eastbound Statistics Westbound Statistics Combined Statistics

\* % Over Pace: 34% 16% 17%

\* % In Pace: 54% 60% 54%

% Under Pace: 12% 24% 29%

Average Speed: 41 MPH 41 MPH 41 MPH

Pace Speed: 34 - 43 MPH 38 - 47 MPH 38 - 47 MPH

15th Percentile / Critical Speed: 33 MPH 33 MPH 33 MPH

50th Percentile / Critical Speed: 40 MPH 39 MPH 40 MPH

85th Percentile / Critical Speed: 47 MPH 48 MPH 47 MPH

Radar Survey Conducted By:  
Counts Unlimited, Inc.



PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

## City of Banning

Radar Speed Survey

Speed	MPH			Vehicles Surveyed		TOT.
	Speed	EB	WB	Eastbound	Westbound	
65	0	0	65			0
64	0	0	64			0
63	0	0	63			0
62	0	0	62			0
61	0	0	61			0
60	0	0	60			0
59	0	0	59			0
58	0	0	58			0
57	0	0	57			0
56	0	0	56			0
55	0	0	55			0
54	0	0	54			0
53	0	0	53			0
52	0	0	52			0
51	0	0	51			0
50	0	0	50			0
49	2	0	49	XX		2
48	3	0	48	XXX		3
47	0	0	47			0
46	2	0	46	XX		2
45	2	2	45	XX	XX	4
44	4	1	44	XXX	X	5
43	0	2	43		XX	2
42	2	4	42	XX	XX	6
41	3	1	41	XXX	X	4
40	3	2	40	XX	XX	5
39	1	4	39	X	XXX	5
38	3	3	38	XXX	XX	6
37	5	5	37	XXX	XX	10
36	5	3	36	XXX	XX	8
35	3	2	35	XX	X	5
34	3	5	34	XX	XX	8
33	0	1	33		X	1
32	1	3	32	X	XX	4
31	3	1	31	XX	X	4
30	2	4	30	XX	XX	6
29	0	1	29		X	1
28	1	2	28	X	XX	3
27	0	1	27		X	1
26	0	2	26		XX	2
25	1	1	25	X	X	2
24	1	0	24	X		1
23	0	0	23			0
22	0	0	22			0
21	0	0	21			0
20	0	0	20			0
19	0	0	19			0
18	0	0	18			0
17	0	0	17			0
16	0	0	16			0
15	0	0	15			0
Total	50	50		GRAND TOTALS		100

P	% Over Pace:	6%	Eastbound Statistics	Westbound Statistics	Combined Statistics
A	% In Pace:	62%			
C	% Under Pace:	32%			
E	Average Speed:	36 MPH	38 MPH	37 MPH	
*	Pace Speed:	34 - 43 MPH	35 - 44 MPH	34 - 43 MPH	
<hr/>					
15th Percentile / Critical Speed: 30 MPH					
29 MPH					
<hr/>					
50th Percentile / Critical Speed: 37 MPH					
35 MPH					
<hr/>					
85th Percentile / Critical Speed: 44 MPH					
41 MPH					
<hr/>					

Radar Survey Conducted By:

Counts Unlimited, Inc.



PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

## City of Banning

Radar Speed Survey

Speed	MPH			Vehicles Surveyed		TOT.
	EB	WB		Eastbound	Westbound	
65	0	0		65		0
64	0	0		64		0
63	0	0		63		0
62	0	0		62		0
61	0	0		61		0
60	0	0		60		0
59	0	0		59		0
58	0	0		58		0
57	0	0		57		0
56	0	0		56		0
55	1	0		55 X		1
54	0	0		54		0
53	0	0		53		0
52	0	0		52		0
51	0	0		51		0
50	1	0		50 X		1
49	1	0		49 X		1
48	0	0		48		0
47	0	0		47		0
46	1	0		46 X		1
45	1	2		45 X	X X	3
44	0	0		44		0
43	0	1		43	X	1
42	1	0		42 X		1
41	0	1		41	X	1
40	3	2		40 X X X	X X	5
39	6	3		39 X X X X X X	X X X	9
38	3	2		38 X X X	X X	5
37	3	4		37 X X X	X X X X	7
36	2	3		36 X X	X X X	5
35	2	6		35 X X	X X X X X X	8
34	3	2		34 X X X	X X	5
33	4	3		33 X X X X	X X X	7
32	5	3		32 X X X X X	X X X	8
31	2	4		31 X X	X X X X	6
30	4	3		30 X X X X	X X X	7
29	2	2		29 X X	X X	4
28	1	1		28 X	X	2
27	0	2		27	X X	2
26	3	1		26 X X X	X	4
25	1	1		25 X	X	2
24	0	0		24		0
23	0	1		23	X	1
22	0	2		22	X X	2
21	0	0		21		0
20	0	1		20	X	1
19	0	0		19		0
18	0	0		18		0
17	0	0		17		0
16	0	0		16		0
15	0	0		15		0
Total	50	50			GRAND TOTALS	100

**Location:** Lincoln Street  
**Between:** Sunset Avenue - 22nd Street  
**Weather:** Clear  
**Date:** 4/26/17  
**Time From:** 9:00  
**Time To:** 10:05  
**Existing Speed Limit:** 40 MPH

	Eastbound Statistics	Westbound Statistics	Combined Statistics
<b>% Over Pace:</b>	12%	18%	15%
<b>% In Pace:</b>	66%	68%	67%
<b>% Under Pace:</b>	22%	14%	18%
<b>Average Speed:</b>	33 MPH	35 MPH	34 MPH
<b>Pace Speed:</b>	30 - 39 MPH	30 - 39 MPH	30 - 39 MPH
<b>15th Percentile / Critical Speed:</b>	29 MPH	26 MPH	28 MPH
<b>50th Percentile / Critical Speed:</b>	34 MPH	33 MPH	33 MPH
<b>85th Percentile / Critical Speed:</b>	39 MPH	38 MPH	39 MPH

Radar Survey Conducted By:  
Counts Unlimited, Inc.



PO Box 1178  
Corona, CA 92880

T 951-268-6268 F 951-268-6267

## City of Banning

Radar Speed Survey

Speed	MPH			Vehicles Surveyed		TOT.
	NB	SB		Northbound	Southbound	
65	0	0		65		0
64	0	0		64		0
63	0	0		63		0
62	0	0		62		0
61	0	0		61		0
60	0	0		60		0
59	0	0		59		0
58	0	0		58		0
57	0	0		57		0
56	0	0		56		0
55	0	0		55		0
54	0	0		54		0
53	1	0		53 X		1
52	0	0		52		0
51	0	1		51	X	1
50	0	0		50		0
49	0	0		49		0
48	0	0		48		0
47	0	0		47		0
46	0	1		46 X		1
45	1	2		45 X	XX	3
44	4	2		44 XXXX	XX	6
43	0	1		43 X	X	1
42	1	1		42 X		2
41	2	2		41 XX	XX	4
40	2	1		40 XX	X	3
39	0	0		39		0
38	2	3		38 XXX	XX X	5
37	4	3		37 XXXX X	XX X	7
36	2	2		36 XX	XX	4
35	4	4		35 XXXX X	XX X X	8
34	5	4		34 XXXXX	XX X X	9
33	5	1		33 XXXXX	X	6
32	4	2		32 XXXX X	XX	6
31	2	1		31 XX	X	3
30	2	4		30 XXX	XX X X	6
29	2	6		29 XX	XX X X X X	8
28	1	2		28 X	XX	3
27	1	0		27 X		1
26	3	1		26 XXX	X	4
25	0	4		25 X	XX X X	4
24	1	0		24 X		1
23	0	1		23 X	X	1
22	1	1		22 X	X	2
21	0	0		21		0
20	0	0		20		0
19	0	0		19		0
18	0	0		18		0
17	0	0		17		0
16	0	0		16		0
15	0	0		15		0
Total	50	50			GRAND TOTALS	100

Location:	Mountain Avenue		
Between:	Mockingbird Lane - Wilson Street		
Weather:	Clear		
Date:	5/4/17		
Time From:	11:20		
Time To:	12:20		
Existing Speed Limit:	35 MPH		

	Northbound Statistics	Southbound Statistics	Combined Statistics
% Over Pace:	22%	22%	22%
* % In Pace:	60%	64%	62%
* % Under Pace:	18%	14%	16%
P Average Speed:	34 MPH	35 MPH	34 MPH
C E Pace Speed:	29 - 38 MPH	29 - 38 MPH	29 - 38 MPH
*			
15th Percentile / Critical Speed:	28 MPH	27 MPH	27 MPH
50th Percentile / Critical Speed:	33 MPH	33 MPH	33 MPH
85th Percentile / Critical Speed:	40 MPH	41 MPH	40 MPH



Radar Survey Conducted By:  
Counts Unlimited, Inc.

PO Box 1178  
Corona, CA 92880

T 951-268-6268 F 951-268-6267

## City of Banning

Radar Speed Survey

Speed	MPH			Vehicles Surveyed		TOT.
	EB	WB		Eastbound	Westbound	
65	0	0		65		0
64	0	0		64		0
63	0	0		63		0
62	0	0		62		0
61	0	0		61		0
60	0	0		60		0
59	0	0		59		0
58	0	0		58		0
57	0	0		57		0
56	0	0		56		0
55	0	0		55		0
54	0	0		54		0
53	0	0		53		0
52	0	0		52		0
51	0	0		51		0
50	0	0		50		0
49	0	0		49		0
48	0	0		48		0
47	0	0		47		0
46	0	0		46		0
45	0	0		45		0
44	0	0		44		0
43	0	0		43		0
42	0	0		42		0
41	0	0		41		0
40	0	0		40		0
39	1	0		39	X	1
38	0	0		38		0
37	0	2		37	X X	2
36	1	0		36	X	1
35	0	4		35	X X X X	4
34	1	0		34	X	1
33	2	3		33	X X	5
32	2	2		32	X X	4
31	1	4		31	X	5
30	5	3		30	X X X X X	8
29	3	2		29	X X X	5
28	3	3		28	X X X	6
27	4	7		27	X X X X	11
26	3	2		26	X X X	5
25	5	5		25	X X X X X	10
24	4	3		24	X X X X	7
23	5	0		23	X X X X	5
22	4	3		22	X X X X	7
21	2	4		21	X X	6
20	3	3		20	X X X	6
19	1	0		19	X	1
18	0	0		18		0
17	0	0		17		0
16	0	0		16		0
15	0	0		15		0
Total	50	50			GRAND TOTALS	100

Location: Nicolet Street

Between: 4th Street - Hargrave Street

Weather: Clear

Date: 5/2/17

Time From: 2:00

Time To: 2:50

Existing Speed Limit: 25 MPH

	Eastbound Statistics	Westbound Statistics	Combined Statistics
% Over Pace:	12%	16%	23%
% In Pace:	68%	76%	70%
% Under Pace:	20%	8%	7%
Average Speed:	28 MPH	26 MPH	27 MPH
Pace Speed:	24 - 33 MPH	21 - 30 MPH	21 - 30 MPH
*			
15th Percentile / Critical Speed:	21 MPH	21 MPH	21 MPH
*			
50th Percentile / Critical Speed:	25 MPH	26 MPH	26 MPH
*			
85th Percentile / Critical Speed:	30 MPH	32 MPH	31 MPH
E			

Radar Survey Conducted By:  
Counts Unlimited, Inc.



PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

## City of Banning

Radar Speed Survey

Speed	MPH			Vehicles Surveyed		TOT.
	EB	WB		Eastbound	Westbound	
65	0	0		65		0
64	0	0		64		0
63	0	0		63		0
62	0	0		62		0
61	0	0		61		0
60	0	0		60		0
59	0	0		59		0
58	0	0		58		0
57	0	0		57		0
56	0	0		56		0
55	0	0		55		0
54	0	0		54		0
53	0	0		53		0
52	0	0		52		0
51	0	0		51		0
50	0	0		50		0
49	0	0		49		0
48	0	0		48		0
47	0	0		47		0
46	0	0		46		0
45	1	0		45	X	1
44	0	1		44	X	1
43	0	0		43		0
42	1	0		42	X	1
41	1	0		41	X	1
40	3	1		40	XX	4
39	1	1		39	X	2
38	2	2		38	XX	4
37	3	1		37	XXX	4
36	0	3		36	XX	3
35	6	2		35	XXX	8
34	1	1		34	X	2
33	5	2		33	XXX	7
32	3	4		32	XX	7
31	2	3		31	XX	5
30	6	1		30	XXX	7
29	2	3		29	XX	5
28	3	7		28	XXX	10
27	1	5		27	X	6
26	2	4		26	XX	6
25	2	2		25	XX	4
24	0	4		24	XX	4
23	0	0		23		0
22	2	1		22	XX	3
21	0	1		21	X	1
20	2	0		20	XX	2
19	0	0		19		0
18	1	0		18	X	1
17	0	1		17		1
16	0	0		16		0
15	0	0		15		0
Total	50	50			GRAND TOTALS	100

Location: Nicolet Street

Between: 22nd Street - 4th Street

Weather: Clear

Date: 5/2/17

Time From: 1:05

Time To: 2:00

Existing Speed Limit: 35 MPH

	Eastbound Statistics	Westbound Statistics	Combined Statistics
% Over Pace:	24%	18%	21%
% In Pace:	70%	62%	63%
% Under Pace:	6%	20%	16%
Average Speed:	30 MPH	32 MPH	31 MPH
Pace Speed:	24 - 33 MPH	28 - 37 MPH	26 - 35 MPH
15th Percentile / Critical Speed:	25 MPH	24 MPH	24 MPH
50th Percentile / Critical Speed:	31 MPH	28 MPH	30 MPH
85th Percentile / Critical Speed:	37 MPH	35 MPH	36 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880



T 951-268-6268 F 951-268-6267

## City of Banning

Radar Speed Survey

Speed	MPH			Vehicles Surveyed		TOT.
	EB	WB		Eastbound	Westbound	
65	0	0				0
64	0	0				0
63	0	0				0
62	0	0				0
61	0	0				0
60	0	0				0
59	0	0				0
58	0	0				0
57	0	0				0
56	0	0				0
55	0	0				0
54	0	0				0
53	0	0				0
52	0	1				1
51	0	0				0
50	0	0				0
49	0	0				0
48	0	0				0
47	0	1				1
46	1	1				2
45	0	0				0
44	0	1				1
43	0	0				0
42	1	0				1
41	1	4		X X X X		5
40	1	2		X X		3
39	2	0				2
38	2	2		X X		4
37	2	1		X X		3
36	1	1		X		2
35	5	4		X X X X X		9
34	3	1		X X X		4
33	4	1		X X X X		5
32	3	5		X X X		8
31	2	3		X X X		5
30	1	3		X X X		4
29	4	3		X X X X		7
28	2	4		X X X X		6
27	6	2		X X		8
26	2	1		X		3
25	0	1		X		1
24	2	3		X X X		5
23	0	3		X X X		3
22	2	0				2
21	1	0				1
20	0	1		X		1
19	1	1		X		2
18	1	0				1
17	0	0				0
16	0	0				0
15	0	0				0
Total	50	50		GRAND TOTALS		100

**Location:** Nicolet Street  
**Between:** Hargrave Street - Hathaway Street  
**Weather:** Clear  
**Date:** 5/3/17  
**Time From:** 12:15  
**Time To:** 2:05  
**Existing Speed Limit:** 25 MPH

	Eastbound Statistics	Westbound Statistics	Combined Statistics
% Over Pace:	40%	22%	25%
% In Pace:	56%	64%	59%
% Under Pace:	4%	14%	16%
Average Speed:	32 MPH	31 MPH	32 MPH
Pace Speed:	23 - 32 MPH	26 - 35 MPH	26 - 35 MPH
15th Percentile / Critical Speed:	25 MPH	23 MPH	23 MPH
50th Percentile / Critical Speed:	31 MPH	31 MPH	31 MPH
85th Percentile / Critical Speed:	37 MPH	40 MPH	38 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880



T 951-268-6268 F 951-268-6267

## City of Banning

Radar Speed Survey

Speed	MPH			Vehicles Surveyed		TOT.
	Speed	EB	WB	Eastbound	Westbound	
65	0	0	65			0
64	0	0	64			0
63	0	0	63			0
62	0	0	62			0
61	0	0	61			0
60	0	0	60			0
59	0	0	59			0
58	0	0	58			0
57	0	0	57			0
56	0	0	56			0
55	0	0	55			0
54	0	0	54			0
53	0	1	53	X		1
52	0	0	52			0
51	0	0	51			0
50	0	0	50			0
49	0	0	49			0
48	0	0	48			0
47	0	0	47			0
46	0	1	46	X		1
45	1	0	45			1
44	1	2	44	X	XX	3
43	1	1	43	X	X	2
42	1	1	42	X		2
41	4	2	41	XXX	XX	6
40	3	1	40	XX	X	4
39	3	1	39	XX	X	4
38	2	6	38	XX	XXX	8
37	4	3	37	XXX	XX	7
36	2	6	36	XX	XXX	8
35	3	3	35	XX	XX	6
34	3	2	34	XX	XX	5
33	5	2	33	XXX	XX	7
32	3	5	32	XX	XXX	8
31	4	1	31	XX	X	5
30	1	2	30	X		3
29	4	1	29	XX	X	5
28	0	1	28	X		1
27	0	4	27		XXX	4
26	0	1	26	X		1
25	2	3	25	XX	XX	5
24	0	0	24			0
23	1	0	23	X		1
22	1	0	22	XX		1
21	1	0	21	X		1
20	0	0	20			0
19	0	0	19			0
18	0	0	18			0
17	0	0	17			0
16	0	0	16			0
15	0	0	15			0
Total	50	50		GRAND TOTALS		100

Location: Nicolet Street

Between: Sunset Avenue - 22nd Street

Weather: Clear

Date: 5/2/17

Time From: 11:55

Time To: 1:05

Existing Speed Limit: 35 MPH

	Eastbound Statistics	Westbound Statistics	Combined Statistics
*	12%	8%	10%
*	62%	64%	63%
P	% In Pace:		
A	% Under Pace:	26%	28%
C			27%
E	Average Speed:	35 MPH	35 MPH
*	Pace Speed:	32 - 41 MPH	32 - 41 MPH
	15th Percentile / Critical Speed:	28 MPH	26 MPH
	50th Percentile / Critical Speed:	34 MPH	35 MPH
	85th Percentile / Critical Speed:	40 MPH	40 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880



T 951-268-6268 F 951-268-6267

## City of Banning

Radar Speed Survey

Speed	MPH			Vehicles Surveyed		TOT.
	Speed	NB	SB	Northbound	Southbound	
65	0	0	65			0
64	0	0	64			0
63	0	0	63			0
62	0	0	62			0
61	0	0	61			0
60	0	0	60			0
59	0	0	59			0
58	0	0	58			0
57	0	0	57			0
56	0	0	56			0
55	0	0	55			0
54	0	0	54			0
53	0	0	53			0
52	0	0	52			0
51	0	0	51			0
50	1	0	50	X		1
49	0	0	49			0
48	0	0	48			0
47	0	0	47			0
46	1	1	46	X		2
45	1	0	45	X		1
44	0	0	44			0
43	1	1	43	X		2
42	1	0	42	X		1
41	4	0	41	XX X X		4
40	2	0	40	XX		2
39	0	1	39		X	1
38	2	2	38	XX	XX	4
37	2	4	37	XX	XX X X	6
36	4	3	36	XX X X	XX	7
35	4	3	35	XX X X	XX	7
34	1	6	34	X	XX X X X X	7
33	2	4	33	XX	XX X X	6
32	4	2	32	XX X X	XX	6
31	4	5	31	XX X X	XX X X	9
30	3	1	30	XX X	X	4
29	1	2	29	X	XX	3
28	2	1	28	XX	X	3
27	0	1	27		X	1
26	1	2	26	X	XX	3
25	2	4	25	XX	XX X	6
24	4	0	24	XX X X		4
23	0	3	23		XX X	3
22	0	1	22		X	1
21	0	1	21		X	1
20	1	1	20	X	X	2
19	0	0	19			0
18	0	1	18		X	1
17	0	0	17			0
16	0	0	16			0
15	2	0	15	XX		2
Total	50	50		GRAND TOTALS		100

Location: **Omar Street**

Between: **Ramsey Street - Wilson Street**

Weather: **Clear**

Date: **5/4/17**

Time From: **10:15**

Time To: **12:40**

Existing Speed Limit: **N / P MPH**

	Northbound Statistics	Southbound Statistics	Combined Statistics
<b>% Over Pace:</b>	<u>6%</u>	<u>22%</u>	<u>14%</u>
<b>* % In Pace:</b>	<u>64%</u>	<u>54%</u>	<u>59%</u>
<b>* % Under Pace:</b>	<u>30%</u>	<u>24%</u>	<u>27%</u>
<b>Average Speed:</b>	<u>31 MPH</u>	<u>33 MPH</u>	<u>32 MPH</u>
<b>Pace Speed:</b>	<u>29 - 38 MPH</u>	<u>29 - 38 MPH</u>	<u>29 - 38 MPH</u>
<b>* 15th Percentile / Critical Speed:</b>	<u>24 MPH</u>	<u>24 MPH</u>	<u>24 MPH</u>
<b>50th Percentile / Critical Speed:</b>	<u>32 MPH</u>	<u>31 MPH</u>	<u>32 MPH</u>
<b>85th Percentile / Critical Speed:</b>	<u>40 MPH</u>	<u>36 MPH</u>	<u>37 MPH</u>

Radar Survey Conducted By:

**Counts Unlimited, Inc.**

**PO Box 1178**

**Corona, CA 92880**



**T 951-268-6268 F 951-268-6267**

## City of Banning

### Radar Speed Survey

Speed	MPH			Vehicles Surveyed		TOT.
	Speed	EB	WB	Eastbound	Westbound	
65	0	0	65			0
64	0	0	64			0
63	0	0	63			0
62	0	0	62			0
61	0	0	61			0
60	0	0	60			0
59	0	0	59			0
58	0	0	58			0
57	0	0	57			0
56	0	0	56			0
55	0	0	55			0
54	0	0	54			0
53	0	1	53	X		1
52	0	0	52			0
51	0	0	51			0
50	0	0	50			0
49	0	0	49			0
48	1	0	48	X		1
47	0	0	47			0
46	2	0	46	XX		2
45	1	1	45	X	X	2
44	1	4	44	X	XXX	5
43	0	0	43			0
42	1	1	42	X		2
41	2	1	41	XX	X	3
40	0	1	40	X		1
39	2	4	39	XX	XXX	6
38	1	4	38	X	XXX	5
37	5	6	37	XXX	XXX	11
36	6	3	36	XXX	XX	9
35	5	3	35	XX	XX	8
34	4	1	34	XX	X	5
33	6	2	33	XXX	XX	8
32	2	3	32	XX	X	5
31	3	5	31	XX	XXX	8
30	3	6	30	XXX	XX	9
29	2	2	29	XX	X	4
28	1	1	28	X		2
27	2	0	27	XX		2
26	0	0	26			0
25	0	0	25			0
24	0	1	24		X	1
23	0	0	23			0
22	0	0	22			0
21	0	0	21			0
20	0	0	20			0
19	0	0	19			0
18	0	0	18			0
17	0	0	17			0
16	0	0	16			0
15	0	0	15			0
Total	50	50		GRAND TOTALS		100

**Location:** Ramsey Street  
**Between:** 8th Street - Hargrave Street  
**Weather:** Clear  
**Date:** 7/18/17  
**Time From:** 9:00  
**Time To:** 9:30  
**Existing Speed Limit:** 25 MPH

	Eastbound Statistics	Westbound Statistics	Combined Statistics
<b>% Over Pace:</b>	18%	16%	17%
<b>* % In Pace:</b>	74%	74%	74%
<b>* % Under Pace:</b>	8%	10%	9%
<b>Average Speed:</b>	36 MPH	35 MPH	35 MPH
<b>E Pace Speed:</b>	30 - 39 MPH	30 - 39 MPH	30 - 39 MPH
<b>*</b>			
<b>15th Percentile / Critical Speed:</b>	29 MPH	29 MPH	29 MPH
<b>50th Percentile / Critical Speed:</b>	34 MPH	35 MPH	34 MPH
<b>85th Percentile / Critical Speed:</b>	40 MPH	40 MPH	40 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880



T 951-268-6268 F 951-268-6267

## City of Banning

Radar Speed Survey

Speed	MPH			Vehicles Surveyed		TOT.
	Speed	EB	WB	Eastbound	Westbound	
65	0	0	0	65		0
64	0	0	0	64		0
63	0	0	0	63		0
62	0	0	0	62		0
61	0	0	0	61		0
60	0	0	0	60		0
59	0	0	0	59		0
58	0	0	0	58		0
57	0	0	0	57		0
56	0	0	0	56		0
55	0	0	0	55		0
54	0	0	0	54		0
53	0	0	0	53		0
52	0	0	0	52		0
51	0	0	0	51		0
50	0	0	0	50		0
49	0	0	0	49		0
48	0	0	0	48		0
47	0	0	0	47		0
46	0	0	0	46		0
45	0	0	0	45		0
44	0	0	0	44		0
43	0	0	0	43		0
42	0	0	0	42		0
41	0	0	0	41		0
40	0	0	0	40		0
39	0	1	0	39	X	1
38	0	0	0	38		0
37	0	0	0	37		0
36	0	0	0	36		0
35	0	0	0	35		0
34	0	0	0	34		0
33	0	0	0	33		0
32	0	0	0	32		0
31	1	0	0	31	X	1
30	0	0	0	30		0
29	0	0	0	29		0
28	0	1	0	28	X	1
27	0	0	0	27		0
26	1	1	0	26	X	2
25	1	2	0	25	X X	3
24	2	0	0	24	X X	2
23	4	3	0	23	X X X X	7
22	4	3	0	22	X X X X X	7
21	6	5	0	21	X X X X X X	11
20	9	11	0	20	X X X X X X X X X	20
19	5	7	0	19	X X X X X	12
18	6	5	0	18	X X X X X X	11
17	1	4	0	17	X	5
16	5	1	0	16	X X X X X	6
15	5	6	0	15	X X X X X	11
Total	50	50			GRAND TOTALS	100

**Location:** Ramsey Street  
**Between:** 8th Street - Hargrave Street  
**Weather:** Clear  
**Date:** 4/27/17  
**Time From:** 10:20  
**Time To:** 10:40  
**Existing Speed Limit:** 35 MPH

	Eastbound Statistics	Westbound Statistics	Combined Statistics
% Over Pace:	4%	4%	5%
% In Pace:	82%	86%	84%
% Under Pace:	14%	10%	11%
Average Speed:	20 MPH	20 MPH	20 MPH
Pace Speed:	17 - 26 MPH	16 - 25 MPH	16 - 25 MPH
15th Percentile / Critical Speed:	15 MPH	16 MPH	15 MPH
50th Percentile / Critical Speed:	19 MPH	19 MPH	19 MPH
85th Percentile / Critical Speed:	22 MPH	22 MPH	22 MPH

P  
A  
C  
E  
\*



Radar Survey Conducted By:  
Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

## City of Banning

Radar Speed Survey

Speed	MPH			Vehicles Surveyed			TOT.
	EB	WB		Eastbound	Westbound	VEH.	
65	0	0		65		0	
64	0	0		64		0	
63	0	0		63		0	
62	0	0		62		0	
61	0	0		61		0	
60	0	0		60		0	
59	0	0		59		0	
58	0	0		58		0	
57	0	0		57		0	
56	0	0		56		0	
55	0	0		55		0	
54	0	0		54		0	
53	0	0		53		0	
52	0	0		52		0	
51	0	0		51		0	
50	0	1		50	X	1	
49	0	0		49		0	
48	0	0		48		0	
47	0	2		47	X X	2	
46	0	0		46		0	
45	0	3		45	X X X	3	
44	1	2		44	X X	3	
43	0	0		43		0	
42	2	1		42	X X	3	
41	2	1		41	X X	3	
40	3	1		40	X X X	4	
39	5	1		39	X X X X X	6	
38	6	1		38	X X X X X X	7	
37	5	9		37	X X X X X	14	
36	3	6		36	X X X	9	
35	5	4		35	X X X X X	9	
34	3	6		34	X X X	9	
33	4	3		33	X X X X	7	
32	4	1		32	X X X X	5	
31	0	1		31		1	
30	3	4		30	X X X	7	
29	1	0		29	X	1	
28	2	2		28	X X	4	
27	1	1		27	X	2	
26	0	0		26		0	
25	0	0		25		0	
24	0	0		24		0	
23	0	0		23		0	
22	0	0		22		0	
21	0	0		21		0	
20	0	0		20		0	
19	0	0		19		0	
18	0	0		18		0	
17	0	0		17		0	
16	0	0		16		0	
15	0	0		15		0	
Total	50	50			GRAND TOTALS	100	

**Location:** Ramsey Street  
**Between:** 22nd Street - 8th Street  
**Weather:** Clear  
**Date:** 4/27/17  
**Time From:** 10:00  
**Time To:** 10:20  
**Existing Speed Limit:** 35 MPH

	Eastbound Statistics	Westbound Statistics	Combined Statistics
<b>% Over Pace:</b>	22%	6%	19%
<b>* % In Pace:</b>	72%	80%	74%
<b>* % Under Pace:</b>	6%	14%	7%
<b>Average Speed:</b>	37 MPH	36 MPH	36 MPH
<b>Pace Speed:</b>	30 - 39 MPH	32 - 41 MPH	30 - 39 MPH
<b>*</b>			
<b>15th Percentile / Critical Speed:</b>	31 MPH	30 MPH	30 MPH
<b>50th Percentile / Critical Speed:</b>	35 MPH	35 MPH	35 MPH
<b>85th Percentile / Critical Speed:</b>	39 MPH	43 MPH	39 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880



T 951-268-6268 F 951-268-6267

## City of Banning

Radar Speed Survey

Speed	MPH			Vehicles Surveyed		TOT.
	EB	WB		Eastbound	Westbound	
65	0	0				65
64	0	0				64
63	0	0				63
62	0	0				62
61	0	0				61
60	0	0				60
59	0	0				59
58	0	0				58
57	0	0				57
56	0	0				56
55	0	0				55
54	0	0				54
53	0	0				53
52	0	0				52
51	0	0				51
50	1	0				50
49	0	0				49
48	0	0				48
47	1	1				47
46	1	1				46
45	0	1				45
44	3	1				44
43	1	1				43
42	1	1				42
41	2	3				41
40	4	4				40
39	5	4				39
38	0	2				38
37	4	3				37
36	6	2				36
35	4	2				35
34	2	1				34
33	2	1				33
32	2	4				32
31	4	5				31
30	4	3				30
29	0	4				29
28	2	2				28
27	0	3				27
26	0	1				26
25	1	0				25
24	0	0				24
23	0	0				23
22	0	0				22
21	0	0				21
20	0	0				20
19	0	0				19
18	0	0				18
17	0	0				17
16	0	0				16
15	0	0				15
Total	50	50				
				GRAND TOTALS	100	

**Location:** Ramsey Street  
**Between:** Hargrave Street - Interstate 10 Ramp  
**Weather:** Clear  
**Date:** 4/27/17  
**Time From:** 10:40  
**Time To:** 11:05  
**Existing Speed Limit:** 35 MPH

	Eastbound Statistics	Westbound Statistics	Combined Statistics
*	% Over Pace: 18%	20%	19%
*			
*	% In Pace: 56%	66%	61%
P			
A	% Under Pace: 26%	14%	20%
C			
E	Average Speed: 35 MPH	36 MPH	36 MPH
*			
*	Pace Speed: 31 - 40 MPH	31 - 40 MPH	31 - 40 MPH
*			
	15th Percentile / Critical Speed: 30 MPH	28 MPH	29 MPH
	50th Percentile / Critical Speed: 35 MPH	34 MPH	35 MPH
	85th Percentile / Critical Speed: 41 MPH	40 MPH	40 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880



T 951-268-6268 F 951-268-6267

## City of Banning

Radar Speed Survey

Speed	MPH			Vehicles Surveyed			TOT.
	EB	WB		Eastbound	Westbound		
65	0	0		65			0
64	0	0		64			0
63	0	0		63			0
62	0	0		62			0
61	0	0		61			0
60	0	0		60			0
59	0	0		59			0
58	0	0		58			0
57	1	0		57	X		1
56	0	1		56		X	1
55	0	1		55		X	1
54	2	1		54	X X	X	3
53	0	0		53			0
52	2	2		52	X X	X X	4
51	1	1		51	X	X	2
50	2	0		50	X X		2
49	2	3		49	X X X	X X X	5
48	0	1		48		X	1
47	4	3		47	X X X X	X X X	7
46	4	2		46	X X X	X X	6
45	4	4		45	X X X X	X X X X	8
44	4	4		44	X X X X	X X X X	8
43	5	4		43	X X X X X	X X X X	9
42	4	1		42	X X X X	X	5
41	2	4		41	X X	X X X X	6
40	1	4		40	X	X X X X	5
39	1	4		39	X	X X X X	5
38	3	1		38	X X X	X	4
37	2	3		37	X X	X X X	5
36	2	1		36	X X	X	3
35	1	1		35	X	X	2
34	1	1		34	X		2
33	2	2		33	X X	X X	4
32	0	0		32			0
31	0	0		31			0
30	0	0		30			0
29	0	1		29		X	1
28	0	0		28			0
27	0	0		27			0
26	0	0		26			0
25	0	0		25			0
24	0	0		24			0
23	0	0		23			0
22	0	0		22			0
21	0	0		21			0
20	0	0		20			0
19	0	0		19			0
18	0	0		18			0
17	0	0		17			0
16	0	0		16			0
15	0	0		15			0
Total	50	50			GRAND TOTALS		100

Location: Ramsey Street

Between: Highland Home Road - Sunset Avenue

Weather: Clear

Date: 4/27/17

Time From: 9:20

Time To: 9:40

Existing Speed Limit: 50 MPH

P A C

E Eastbound Statistics Westbound Statistics Combined Statistics

\* % Over Pace: 18% 20% 20%

\* % In Pace: 62% 64% 63%

% Under Pace: 20% 16% 17%

Average Speed: 43 MPH 44 MPH 43 MPH

Pace Speed: 39 - 48 MPH 38 - 47 MPH 38 - 47 MPH

15th Percentile / Critical Speed: 36 MPH 36 MPH 36 MPH

50th Percentile / Critical Speed: 43 MPH 42 MPH 42 MPH

85th Percentile / Critical Speed: 49 MPH 48 MPH 48 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880



T 951-268-6268 F 951-268-6267

## City of Banning

### Radar Speed Survey

Speed	MPH			Vehicles Surveyed		TOT.
	EB	WB		Eastbound	Westbound	
65	0	0				0
64	0	0				0
63	0	0				0
62	0	0				0
61	0	0				0
60	1	1			X	2
59	0	2			XX	2
58	0	1			X	1
57	2	0				2
56	1	3			XXX	4
55	1	2			XX	3
54	2	0				2
53	4	3			XXX	7
52	3	2			XX	5
51	3	2			XX	5
50	2	3			XX	5
49	3	3			XXX	6
48	3	5			XX XX	8
47	1	1			X	2
46	4	1				5
45	3	3			XX X	6
44	3	1			X	4
43	3	4			XX X	7
42	2	2			X X	4
41	4	5			XXX XX	9
40	1	2			XX	3
39	1	1			X	2
38	1	0				1
37	2	1			X	3
36	0	0				0
35	0	2			XX	2
34	0	0				0
33	0	0				0
32	0	0				0
31	0	0				0
30	0	0				0
29	0	0				0
28	0	0				0
27	0	0				0
26	0	0				0
25	0	0				0
24	0	0				0
23	0	0				0
22	0	0				0
21	0	0				0
20	0	0				0
19	0	0				0
18	0	0				0
17	0	0				0
16	0	0				0
15	0	0				0
Total	50	50			GRAND TOTALS	100

Location:	Ramsey Street		
Between:	Highland Springs Avenue - Highland Home Road		
Weather:	Clear		
Date:	4/27/17		
Time From:	9:00		
Time To:	9:20		
Existing Speed Limit:	50 MPH		
A			
C			
E			
*			
* Eastbound Statistics      Westbound Statistics      Combined Statistics			
% Over Pace:	32%	14%	33%
% In Pace:	56%	58%	56%
% Under Pace:	12%	28%	11%
Average Speed:	48 MPH	47 MPH	47 MPH
Pace Speed:	41 - 50 MPH	44 - 53 MPH	41 - 50 MPH
15th Percentile / Critical Speed: 40 MPH      40 MPH      40 MPH			
50th Percentile / Critical Speed: 47 MPH      47 MPH      47 MPH			
85th Percentile / Critical Speed: 52 MPH      54 MPH      53 MPH			

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880



T 951-268-6268 F 951-268-6267

## City of Banning

Radar Speed Survey

Speed	MPH			Vehicles Surveyed		TOT.
	EB	WB		Eastbound	Westbound	
65	0	0				65
64	0	0				64
63	0	0				63
62	0	0				62
61	0	0				61
60	0	0				60
59	0	0				59
58	0	0				58
57	0	0				57
56	0	0				56
55	0	0				55
54	0	0				54
53	0	0				53
52	0	0				52
51	0	1				51
50	0	0				50
49	0	0				49
48	0	1				48
47	2	1				47
46	0	2				46
45	0	3				45
44	2	2				44
43	2	0				43
42	1	1				42
41	3	2				41
40	1	8				40
39	2	5				39
38	2	7				38
37	4	5				37
36	6	2				36
35	2	2				35
34	6	1				34
33	4	1				33
32	1	0				32
31	3	1				31
30	5	2				30
29	0	0				29
28	1	3				28
27	1	0				27
26	0	0				26
25	1	0				25
24	1	0				24
23	0	0				23
22	0	0				22
21	0	0				21
20	0	0				20
19	0	0				19
18	0	0				18
17	0	0				17
16	0	0				16
15	0	0				15
Total	50	50				
				GRAND TOTALS		100

**Location:** Ramsey Street  
**Between:** Sunset Avenue - 22nd Street  
**Weather:** Clear  
**Date:** 4/27/17  
**Time From:** 9:40  
**Time To:** 10:00  
**Existing Speed Limit:** 40 MPH

*	Eastbound Statistics	Westbound Statistics	Combined Statistics
P	<u>6%</u>	<u>22%</u>	<u>16%</u>
A	<u>70%</u>	<u>70%</u>	<u>65%</u>
C	<u>24%</u>	<u>8%</u>	<u>19%</u>
E	<u>39</u> MPH	<u>36</u> MPH	<u>37</u> MPH
*	<u>37 - 46</u> MPH	<u>30 - 39</u> MPH	<u>33 - 42</u> MPH
	<b>15th Percentile / Critical Speed:</b> 29 MPH	33 MPH	30 MPH
	<b>50th Percentile / Critical Speed:</b> 35 MPH	38 MPH	36 MPH
	<b>85th Percentile / Critical Speed:</b> 40 MPH	44 MPH	42 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880



T 951-268-6268 F 951-268-6267

## City of Banning

Radar Speed Survey

Speed	MPH			Vehicles Surveyed			TOT.
	Speed	NB	SB	Northbound	Southbound	VEH.	
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	0	55			0	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	0	0	48			0	
47	0	0	47			0	
46	0	0	46			0	
45	0	0	45			0	
44	0	0	44			0	
43	0	1	43	X		1	
42	2	0	42	XX		2	
41	1	1	41	X		2	
40	1	1	40	X		2	
39	1	3	39	X	XXX	4	
38	0	1	38	X		1	
37	2	1	37	XX		3	
36	3	2	36	XXX		5	
35	1	4	35	X	XXX	5	
34	1	0	34	X		1	
33	3	1	33	XXX	X	4	
32	3	2	32	XXX	XX	5	
31	2	3	31	XX	XX	5	
30	2	3	30	XX	XX	5	
29	3	6	29	XXX	XXX	9	
28	3	1	28	XXX	X	4	
27	2	4	27	XX	XXX	6	
26	5	4	26	XXX	XX	9	
25	5	3	25	XXX	XX	8	
24	1	1	24	X		2	
23	2	0	23	XX		2	
22	1	2	22	XX	XX	3	
21	1	1	21	X	X	2	
20	2	1	20	XX	X	3	
19	2	1	19	XX	X	3	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	1	3	15	X	XXX	4	
Total	50	50		GRAND TOTALS			100

Location: San Gorgonio Avenue

Between: Lombardy Lane - Wilson Street

Weather: Clear

Date: 4/27/17

Time From: 11:35

Time To: 12:50

Existing Speed Limit: 30 MPH

Northbound Statistics	Southbound Statistics	Combined Statistics
-----------------------	-----------------------	---------------------

% Over Pace: 20%	22%	26%
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% In Pace: 56%	58%	57%
----------------	-----	-----

% Under Pace: 24%	20%	17%
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Average Speed: 29 MPH	29 MPH	29 MPH
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Pace Speed: 26 - 35 MPH	25 - 34 MPH	24 - 33 MPH
-------------------------	-------------	-------------

15th Percentile / Critical Speed: 22 MPH	21 MPH	21 MPH
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50th Percentile / Critical Speed: 28 MPH	28 MPH	28 MPH
--	--------	--------

85th Percentile / Critical Speed: 35 MPH	36 MPH	35 MPH
--	--------	--------

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880



T 951-268-6268 F 951-268-6267

## City of Banning

Radar Speed Survey

			MPH	Vehicles Surveyed			TOT.
Speed	NB	SB		Northbound		Southbound	VEH.
65	0	0	65				0
64	0	0	64				0
63	0	0	63				0
62	0	0	62				0
61	0	0	61				0
60	0	0	60				0
59	0	0	59				0
58	0	0	58				0
57	0	0	57				0
56	0	0	56				0
55	0	0	55				0
54	0	0	54				0
53	0	0	53				0
52	0	0	52				0
51	0	0	51				0
50	0	0	50				0
49	0	0	49				0
48	0	0	48				0
47	0	0	47				0
46	0	0	46				0
45	0	0	45				0
44	0	0	44				0
43	0	0	43				0
42	0	0	42				0
41	0	0	41				0
40	0	1	40	X			1
39	0	0	39				0
38	0	0	38				0
37	0	0	37				0
36	0	0	36				0
35	0	0	35				0
34	0	2	34	X X			2
33	0	3	33	X X X			3
32	4	2	32	X X X X			6
31	2	5	31	X X			7
30	1	3	30	X			4
29	3	5	29	X X			8
28	1	9	28	X			10
27	4	3	27	X X X X			7
26	4	4	26	X X X X			8
25	8	8	25	X X X X X X X X			16
24	4	2	24	X X X X			6
23	6	1	23	X X X X X			7
22	4	1	22	X X X X			5
21	6	1	21	X X X X X X			7
20	2	0	20	X X			2
19	0	0	19				0
18	1	0	18	X			1
17	0	0	17				0
16	0	0	16				0
15	0	0	15				0
Total	50	50		GRAND TOTALS			100

Location: San Gorgonio Avenue

Between: Ramsey Street - Lincoln Street

Weather: Clear

Date: 4/27/17

Time From: 1:10

Time To: 1:50

Existing Speed Limit: 30 MPH

Northbound Statistics	Southbound Statistics	Combined Statistics
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% Over Pace: 2%	14%	6%
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% In Pace: 88%	84%	79%
----------------	-----	-----

% Under Pace: 10%	2%	15%
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Average Speed: 28 MPH	25 MPH	27 MPH
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Pace Speed: 25 - 34 MPH	20 - 29 MPH	23 - 32 MPH
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15th Percentile / Critical Speed: 20 MPH	24 MPH	21 MPH
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50th Percentile / Critical Speed: 24 MPH	27 MPH	25 MPH
--	--------	--------

85th Percentile / Critical Speed: 28 MPH	31 MPH	30 MPH
--	--------	--------

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880



T 951-268-6268 F 951-268-6267

## City of Banning

### Radar Speed Survey

			MPH	Vehicles Surveyed			TOT.	
Speed	NB	SB		Northbound		Southbound	VEH.	
65	0	0	65				0	
64	0	0	64				0	
63	0	0	63				0	
62	0	0	62				0	
61	0	0	61				0	
60	0	0	60				0	
59	0	0	59				0	
58	0	0	58				0	
57	0	0	57				0	
56	0	0	56				0	
55	0	0	55				0	
54	0	0	54				0	
53	0	0	53				0	
52	0	0	52				0	
51	0	0	51				0	
50	0	0	50				0	
49	0	0	49				0	
48	0	0	48				0	
47	0	0	47				0	
46	0	0	46				0	
45	0	0	45				0	
44	0	0	44				0	
43	0	0	43				0	
42	0	0	42				0	
41	0	0	41				0	
40	0	0	40				0	
39	0	0	39				0	
38	0	0	38				0	
37	0	0	37				0	
36	0	0	36				0	
35	0	1	35	X			1	
34	0	0	34				0	
33	0	0	33				0	
32	1	2	32	X			3	
31	1	0	31	X			1	
30	0	2	30		X X		2	
29	0	2	29		X X		2	
28	2	0	28	X X			2	
27	4	2	27	X X X X			6	
26	3	5	26	X X X			8	
25	3	6	25	X X X	X X X X		9	
24	4	1	24	X X X X			5	
23	4	6	23	X X X X			10	
22	8	3	22	X X X X X X X X	X X X		11	
21	1	5	21	X	X X X X X		6	
20	9	4	20	X X X X X X X X X	X X X X		13	
19	6	3	19	X X X X X X	X X X		9	
18	1	4	18	X	X X X X		5	
17	2	2	17	X X	X X		4	
16	1	0	16	X			1	
15	0	2	15		X X		2	
Total	50	50		GRAND TOTALS			100	

Location: San Gorgonio Avenue

Between: Wilson Street - Ramsey Street

Weather: Clear

Date: 4/27/17

Time From: 12:50

Time To: 1:10

Existing Speed Limit: 30 MPH

**Northbound Statistics      Southbound Statistics      Combined Statistics**

% Over Pace: 14%      4%      11%

% In Pace: 78%      88%      82%

% Under Pace: 8%      8%      7%

Average Speed: 23 MPH      23 MPH      23 MPH

Pace Speed: 18 - 27 MPH      19 - 28 MPH      18 - 27 MPH

15th Percentile / Critical Speed: 18 MPH      17 MPH      18 MPH

50th Percentile / Critical Speed: 21 MPH      22 MPH      21 MPH

85th Percentile / Critical Speed: 26 MPH      26 MPH      26 MPH



Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

## City of Banning

Radar Speed Survey

Speed	MPH			Vehicles Surveyed		TOT.
	EB	WB		Eastbound	Westbound	
65	0	0				65
64	0	0				64
63	0	0				63
62	0	0				62
61	0	0				61
60	0	0				60
59	0	0				59
58	0	0				58
57	0	0				57
56	0	0				56
55	0	0				55
54	0	0				54
53	0	0				53
52	0	0				52
51	0	0				51
50	0	0				50
49	0	1				49
48	1	0				48
47	0	0				47
46	2	0				46
45	1	1				45
44	2	0				44
43	1	0				43
42	3	1				42
41	4	1				41
40	5	2				40
39	3	4				39
38	3	2				38
37	4	4				37
36	4	4				36
35	4	6				35
34	3	4				34
33	5	6				33
32	2	4				32
31	1	1				31
30	1	4				30
29	0	3				29
28	1	0				28
27	0	1				27
26	0	1				26
25	0	0				25
24	0	0				24
23	0	0				23
22	0	0				22
21	0	0				21
20	0	0				20
19	0	0				19
18	0	0				18
17	0	0				17
16	0	0				16
15	0	0				15
Total	50	50				
				GRAND TOTALS		100

Location:	Sun Lakes Boulevard		
Between:	Country Club Drive - Highland Home Road		
Weather:	Clear		
Date:	5/3/17		
Time From:	9:00		
Time To:	9:35		
Existing Speed Limit:	35 MPH		
<b>Eastbound Statistics</b>	<b>Westbound Statistics</b>	<b>Combined Statistics</b>	
<b>% Over Pace:</b>	12%	14%	13%
<b>% In Pace:</b>	78%	76%	74%
<b>% Under Pace:</b>	10%	10%	13%
<b>Average Speed:</b>	35 MPH	38 MPH	36 MPH
<b>Pace Speed:</b>	30 - 39 MPH	33 - 42 MPH	32 - 41 MPH
<b>15th Percentile / Critical Speed:</b>	32 MPH	29 MPH	31 MPH
<b>50th Percentile / Critical Speed:</b>	37 MPH	34 MPH	35 MPH
<b>85th Percentile / Critical Speed:</b>	41 MPH	38 MPH	40 MPH



Radar Survey Conducted By:  
Counts Unlimited, Inc.

PO Box 1178  
Corona, CA 92880

T 951-268-6268 F 951-268-6267

## City of Banning

Radar Speed Survey

Speed	MPH			Vehicles Surveyed		TOT.
	EB	WB		Eastbound	Westbound	
65	0	0				0
64	0	0				0
63	0	0				0
62	0	0				0
61	0	0				0
60	0	0				0
59	0	0				0
58	0	0				0
57	0	0				0
56	0	0				0
55	0	0				0
54	0	0				0
53	0	0				0
52	0	0				0
51	0	0				0
50	0	0				0
49	0	0				0
48	0	0				0
47	0	0				0
46	0	0				0
45	0	0				0
44	1	1				2
43	0	0				0
42	1	1				2
41	1	0				1
40	2	1				3
39	3	1				4
38	1	1				2
37	6	0				6
36	7	3				10
35	5	1				6
34	5	1				6
33	4	3				7
32	2	3				5
31	3	2				5
30	1	4				5
29	2	6				8
28	1	1				2
27	1	3				4
26	1	4				5
25	0	3				3
24	0	4				4
23	0	3				3
22	2	2				4
21	0	1				1
20	1	0				1
19	0	0				0
18	0	1				1
17	0	0				0
16	0	0				0
15	0	0				0
Total	50	50				100

Location:	Sun Lakes Boulevard		
Between:	Highland Springs Avenue - Country Club Drive		
Weather:	Clear		
Date:	5/3/17		
Time From:	12:00		
Time To:	12:20		
Existing Speed Limit:	35 MPH		

	Eastbound Statistics	Westbound Statistics	Combined Statistics
% Over Pace:	20%	6%	12%
* % In Pace:	66%	76%	60%
* % Under Pace:	14%	18%	28%
P Average Speed:	29 MPH	34 MPH	32 MPH
C E Pace Speed:	24 - 33 MPH	31 - 40 MPH	29 - 38 MPH
*			
* 15th Percentile / Critical Speed:	28 MPH	23 MPH	24 MPH
50th Percentile / Critical Speed:	34 MPH	28 MPH	31 MPH
85th Percentile / Critical Speed:	38 MPH	35 MPH	36 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880



T 951-268-6268 F 951-268-6267

## City of Banning

Radar Speed Survey

Speed	MPH			Vehicles Surveyed			TOT.
	Speed	NB	SB	Northbound	Southbound	VEH.	
65	0	0	65			0	
64	0	0	64			0	
63	0	0	63			0	
62	0	0	62			0	
61	0	0	61			0	
60	0	0	60			0	
59	0	0	59			0	
58	0	0	58			0	
57	0	0	57			0	
56	0	0	56			0	
55	0	1	55	X		1	
54	0	0	54			0	
53	0	0	53			0	
52	0	0	52			0	
51	0	0	51			0	
50	0	0	50			0	
49	0	0	49			0	
48	1	1	48	X	X	2	
47	0	0	47			0	
46	1	1	46	X	X	2	
45	0	0	45			0	
44	1	2	44	X	XX	3	
43	0	1	43	X		1	
42	0	2	42	XX		2	
41	1	4	41	X	XXX	5	
40	0	3	40	XX		3	
39	1	4	39	X	XX	5	
38	4	1	38	XXX	X	5	
37	4	1	37	XX	X	5	
36	2	3	36	XX	XX	5	
35	2	1	35	XX	X	3	
34	6	3	34	XXX	XX	9	
33	6	1	33	XXX	X	7	
32	3	6	32	XX	XXX	9	
31	2	1	31	XX	X	3	
30	3	3	30	XX	XX	6	
29	0	0	29			0	
28	3	5	28	XX	XX	8	
27	1	1	27	X		2	
26	3	4	26	XX	XX	7	
25	5	1	25	XXX	X	6	
24	0	0	24			0	
23	0	0	23			0	
22	1	0	22	X		1	
21	0	0	21			0	
20	0	0	20			0	
19	0	0	19			0	
18	0	0	18			0	
17	0	0	17			0	
16	0	0	16			0	
15	0	0	15			0	
Total	50	50		GRAND TOTALS			100

Location: **Sunset Avenue**

Between: **Ramsey Street - Westward Avenue**

Weather: **Clear**

Date: **4/27/17**

Time From: **2:15**

Time To: **3:00**

Existing Speed Limit: **N / P MPH**

**Northbound Statistics**      **Southbound Statistics**      **Combined Statistics**

**% Over Pace:** 16%      8%      19%

**% In Pace:** 54%      66%      57%

**% Under Pace:** 30%      26%      24%

**Average Speed:** 35 MPH      33 MPH      34 MPH

**Pace Speed:** 32 - 41 MPH      30 - 39 MPH      30 - 39 MPH

**15th Percentile / Critical Speed:** 25 MPH      27 MPH      26 MPH

**50th Percentile / Critical Speed:** 32 MPH      34 MPH      33 MPH

**85th Percentile / Critical Speed:** 37 MPH      41 MPH      40 MPH

Radar Survey Conducted By:

**Counts Unlimited, Inc.**

**PO Box 1178**

**Corona, CA 92880**



**T 951-268-6268 F 951-268-6267**

## City of Banning

### Radar Speed Survey

Speed	NB	SB	MPH	Vehicles Surveyed			TOT.
				Northbound		Southbound	
65	0	0	65				0
64	0	0	64				0
63	0	0	63				0
62	0	0	62				0
61	0	0	61				0
60	0	0	60				0
59	0	0	59				0
58	0	0	58				0
57	0	0	57				0
56	0	0	56				0
55	0	0	55				0
54	0	0	54				0
53	0	0	53				0
52	0	0	52				0
51	0	0	51				0
50	0	0	50				0
49	0	0	49				0
48	3	0	48	X X X			3
47	1	1	47	X			2
46	3	0	46	X X X			3
45	2	1	45	X X			3
44	2	2	44	X X	X X		4
43	5	3	43	X X X X X			8
42	4	5	42	X X X X	X X X X X		9
41	5	0	41	X X X X X			5
40	3	4	40	X X X	X X X X		7
39	3	6	39	X X X	X X X X X X		9
38	2	3	38	X X	X X X		5
37	4	3	37	X X X X	X X X		7
36	2	4	36	X X	X X X X		6
35	3	4	35	X X X	X X X X		7
34	0	3	34		X X X		3
33	1	3	33	X	X X X		4
32	1	1	32	X	X		2
31	0	3	31		X X X		3
30	0	1	30		X		1
29	0	0	29				0
28	0	0	28				0
27	1	0	27	X			1
26	0	1	26		X		1
25	4	1	25	X X X X	X		5
24	0	0	24				0
23	0	1	23		X		1
22	0	0	22				0
21	1	0	21	X			1
20	0	0	20				0
19	0	0	19				0
18	0	0	18				0
17	0	0	17				0
16	0	0	16				0
15	0	0	15				0
Total	50	50				GRAND TOTALS	100

P	Location:	Sunset Avenue		
	Between:	Wilson Street - Ramsey Street		
	Weather:	Clear		
	Date:	4/27/17		
	Time From:	1:55		
	Time To:	2:15		
	Existing Speed Limit:	N / P MPH		
*		*		
*		*		
*		*		
P	Northbound Statistics	Southbound Statistics	Combined Statistics	
A	% Over Pace:	8%	8%	11%
C				
E	% In Pace:	70%	66%	67%
*				
*	% Under Pace:	22%	26%	22%
*				
	Average Speed:	37 MPH	39 MPH	38 MPH
	Pace Speed:	34 - 43 MPH	37 - 46 MPH	35 - 44 MPH
	15th Percentile / Critical Speed:	32 MPH	31 MPH	32 MPH
	50th Percentile / Critical Speed:	40 MPH	37 MPH	38 MPH
	85th Percentile / Critical Speed:	44 MPH	41 MPH	42 MPH



Radar Survey Conducted By:  
Counts Unlimited, Inc.

PO Box 1178  
Corona, CA 92880

T 951-268-6268 F 951-268-6267

## **City of Banning**

## Radar Speed Survey

Speed	EB	WB	MPH	Vehicles Surveyed		TOT.
				Eastbound		
65	0	0	65			0
64	0	0	64			0
63	0	0	63			0
62	0	0	62			0
61	0	0	61			0
60	0	0	60			0
59	0	0	59			0
58	0	1	58		X	1
57	0	1	57		X	1
56	1	0	56	X		1
55	0	0	55			0
54	0	0	54			0
53	0	0	53			0
52	0	0	52			0
51	1	1	51	X	X	2
50	1	2	50	X	XX	3
49	0	0	49			0
48	0	1	48		X	1
47	1	1	47	X	X	2
46	1	4	46	X	XXX	5
45	2	2	45	XX	XX	4
44	2	1	44	XX	X	3
43	0	4	43		XXX	4
42	2	4	42	XX	XXX	6
41	3	4	41	XXX	XXX	7
40	4	2	40	XX	X	6
39	6	3	39	XXXXXX	XX	9
38	5	4	38	XXX	XX	9
37	5	1	37	XXX	X	6
36	3	2	36	XX	X	5
35	1	3	35	X	XX	4
34	0	1	34		X	1
33	4	1	33	XX	X	5
32	1	1	32	X	X	2
31	2	2	31	XX	XX	4
30	2	3	30	XX	XX	5
29	1	0	29	X		1
28	0	1	28		X	1
27	1	0	27	X		1
26	1	0	26	X		1
25	0	0	25			0
24	0	0	24			0
23	0	0	23			0
22	0	0	22			0
21	0	0	21			0
20	0	0	20			0
19	0	0	19			0
18	0	0	18			0
17	0	0	17			0
16	0	0	16			0
15	0	0	15			0
Total	50	50				GRAND TOTALS 100

<b>Location:</b>	Westward Avenue		
<b>Between:</b>	Sunset Avenue - San Gorgonio Avenue		
<b>Weather:</b>	Clear		
<b>Date:</b>	5/3/17		
<b>Time From:</b>	9:40		
<b>Time To:</b>	11:55		
<b>Existing Speed Limit:</b>	35 MPH		
<b>% Over Pace:</b>	<u>12%</u>	<u>18%</u>	<u>11%</u>
<b>% In Pace:</b>	<u>58%</u>	<u>66%</u>	<u>59%</u>
<b>% Under Pace:</b>	<u>30%</u>	<u>16%</u>	<u>30%</u>
<b>Average Speed:</b>	<u>41</u> MPH	<u>38</u> MPH	<u>39</u> MPH
<b>Pace Speed:</b>	<u>38 - 47</u> MPH	<u>33 - 42</u> MPH	<u>37 - 46</u> MPH
<b>15th Percentile / Critical Speed:</b>	<u>31</u> MPH	<u>32</u> MPH	<u>32</u> MPH

### Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880



T 951-268-6268 F 951-268-6267

## City of Banning

Radar Speed Survey

Speed	MPH			Vehicles Surveyed		TOT.
	Speed	EB	WB	Eastbound	Westbound	
65	0	0	65			0
64	0	0	64			0
63	0	0	63			0
62	0	0	62			0
61	0	0	61			0
60	0	0	60			0
59	0	0	59			0
58	0	0	58			0
57	0	0	57			0
56	0	0	56			0
55	0	0	55			0
54	0	0	54			0
53	0	0	53			0
52	0	0	52			0
51	0	0	51			0
50	0	0	50			0
49	0	0	49			0
48	0	0	48			0
47	0	0	47			0
46	0	0	46			0
45	0	0	45			0
44	0	0	44			0
43	0	1	43	X		1
42	1	0	42	X		1
41	0	1	41	X		1
40	1	0	40	X		1
39	1	0	39	X		1
38	1	0	38	X		1
37	4	4	37	X X X X	X X X X	8
36	1	1	36	X	X	2
35	1	1	35	X	X	2
34	5	3	34	X X X X X	X X X	8
33	4	2	33	X X X X	X X	6
32	3	3	32	X X X	X X X	6
31	3	4	31	X X X	X X X X	7
30	4	6	30	X X X X	X X X X X X	10
29	3	3	29	X X X	X X X	6
28	2	1	28	X X	X	3
27	5	0	27	X X X X X		5
26	1	4	26	X X	X X X X	5
25	2	5	25	X X	X X X X X	7
24	3	0	24	X X X		3
23	1	2	23	X	X X	3
22	1	2	22	X	X X	3
21	2	1	21	X X	X	3
20	0	0	20			0
19	1	3	19	X	X X X	4
18	0	2	18		X X	2
17	0	1	17		X	1
16	0	0	16			0
15	0	0	15			0
Total	50	50		GRAND TOTALS		100

**Location:** Williams Street  
**Between:** Sunset Avenue - Hathaway Street  
**Weather:** Clear  
**Date:** 5/3/17  
**Time From:** 10:45  
**Time To:** 11:55  
**Existing Speed Limit:** 25 MPH

	Eastbound Statistics	Westbound Statistics	Combined Statistics
% Over Pace:	16%	20%	18%
% In Pace:	62%	64%	63%
% Under Pace:	22%	16%	19%
Average Speed:	29 MPH	30 MPH	30 MPH
Pace Speed:	25 - 34 MPH	25 - 34 MPH	25 - 34 MPH
15th Percentile / Critical Speed:	23 MPH	21 MPH	22 MPH
50th Percentile / Critical Speed:	30 MPH	29 MPH	29 MPH
85th Percentile / Critical Speed:	36 MPH	34 MPH	35 MPH



Radar Survey Conducted By:  
Counts Unlimited, Inc.

PO Box 1178  
Corona, CA 92880

T 951-268-6268 F 951-268-6267

## City of Banning

Radar Speed Survey

Speed	MPH			Vehicles Surveyed		TOT.
	EB	WB		Eastbound	Westbound	
65	0	0				0
64	0	0				0
63	0	0				0
62	0	0				0
61	0	0				0
60	0	0				0
59	0	0				0
58	0	0				0
57	0	0				0
56	0	0				0
55	0	0				0
54	0	0				0
53	0	0				0
52	0	0				0
51	0	0				0
50	0	0				0
49	0	0				0
48	0	0				0
47	0	0				0
46	0	0				0
45	0	0				0
44	1	0				1
43	0	0				0
42	2	1				3
41	0	2				2
40	2	0				2
39	2	6				8
38	2	3				5
37	3	4				7
36	4	3				7
35	4	3				7
34	5	5				10
33	1	3				4
32	4	3				7
31	5	2				7
30	5	3				8
29	3	2				5
28	2	4				6
27	1	2				3
26	1	2				3
25	1	1				2
24	1	1				2
23	1	0				1
22	0	0				0
21	0	0				0
20	0	0				0
19	0	0				0
18	0	0				0
17	0	0				0
16	0	0				0
15	0	0				0
Total	50	50				100

**Location:** Wilson Street  
**Between:** 16th Street - San Gorgonio Avenue  
**Weather:** Clear  
**Date:** 4/26/17  
**Time From:** 1:45  
**Time To:** 2:05  
**Existing Speed Limit:** 35 MPH

	Eastbound Statistics	Westbound Statistics	Combined Statistics
<b>% Over Pace:</b>	6%	14%	8%
<b>% In Pace:</b>	70%	72%	70%
<b>% Under Pace:</b>	24%	14%	22%
<b>Average Speed:</b>	34 MPH	33 MPH	33 MPH
<b>Pace Speed:</b>	30 - 39 MPH	29 - 38 MPH	30 - 39 MPH
<b>15th Percentile / Critical Speed:</b>	28 MPH	27 MPH	27 MPH
<b>50th Percentile / Critical Speed:</b>	33 MPH	33 MPH	33 MPH
<b>85th Percentile / Critical Speed:</b>	37 MPH	38 MPH	38 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880



T 951-268-6268 F 951-268-6267

## City of Banning

Radar Speed Survey

Speed	MPH			Vehicles Surveyed		TOT.
	EB	WB		Eastbound	Westbound	
65	0	0				0
64	0	0				0
63	0	0				0
62	0	0				0
61	0	0				0
60	0	0				0
59	0	0				0
58	0	0				0
57	0	0				0
56	0	0				0
55	0	0				0
54	1	0		X		1
53	0	0				0
52	1	1		X		2
51	1	1		X		2
50	1	2		X X		3
49	1	2		X X		3
48	2	2		X X		4
47	3	2		X X		5
46	1	2		X X		3
45	1	5		X X X X X		6
44	4	1		X		5
43	4	3		X X X		7
42	4	1		X		5
41	1	4		X X X X		5
40	5	4		X X X X X		9
39	1	3		X X X		4
38	5	2		X X X X X		7
37	1	3		X X X		4
36	0	4		X X X X		4
35	2	1		X		3
34	1	2		X X		3
33	5	0				5
32	0	3		X X X		3
31	1	0				1
30	1	0		X		1
29	1	2		X X		3
28	1	0				1
27	0	0				0
26	1	0		X		1
25	0	0				0
24	0	0				0
23	0	0				0
22	0	0				0
21	0	0				0
20	0	0				0
19	0	0				0
18	0	0				0
17	0	0				0
16	0	0				0
15	0	0				0
Total	50	50		GRAND TOTALS		100

P A C E	Location:	Wilson Street																			
	Between:	Highland Home Road - Sunset Avenue																			
	Weather:	Clear																			
	Date:	4/25/17																			
	Time From:	1:30																			
Time To:		1:50																			
Existing Speed Limit:		45 MPH																			
* * * * * PACE																					
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 2px;">Eastbound Statistics</th> <th style="text-align: left; padding: 2px;">Westbound Statistics</th> <th style="text-align: left; padding: 2px;">Combined Statistics</th> </tr> </thead> <tbody> <tr> <td style="text-align: left; padding: 2px;">% Over Pace:</td> <td style="text-align: left; padding: 2px;">24%</td> <td style="text-align: left; padding: 2px;">14%</td> </tr> <tr> <td style="text-align: left; padding: 2px;">% In Pace:</td> <td style="text-align: left; padding: 2px;">60%</td> <td style="text-align: left; padding: 2px;">58%</td> </tr> <tr> <td style="text-align: left; padding: 2px;">% Under Pace:</td> <td style="text-align: left; padding: 2px;">16%</td> <td style="text-align: left; padding: 2px;">28%</td> </tr> <tr> <td style="text-align: left; padding: 2px;">Average Speed:</td> <td style="text-align: left; padding: 2px;">41 MPH</td> <td style="text-align: left; padding: 2px;">40 MPH</td> </tr> <tr> <td style="text-align: left; padding: 2px;">Pace Speed:</td> <td style="text-align: left; padding: 2px;">36 - 45 MPH</td> <td style="text-align: left; padding: 2px;">38 - 47 MPH</td> </tr> </tbody> </table>				Eastbound Statistics	Westbound Statistics	Combined Statistics	% Over Pace:	24%	14%	% In Pace:	60%	58%	% Under Pace:	16%	28%	Average Speed:	41 MPH	40 MPH	Pace Speed:	36 - 45 MPH	38 - 47 MPH
Eastbound Statistics	Westbound Statistics	Combined Statistics																			
% Over Pace:	24%	14%																			
% In Pace:	60%	58%																			
% Under Pace:	16%	28%																			
Average Speed:	41 MPH	40 MPH																			
Pace Speed:	36 - 45 MPH	38 - 47 MPH																			
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15th Percentile / Critical Speed:	32 MPH	34 MPH	32 MPH																		
50th Percentile / Critical Speed:	40 MPH	40 MPH	40 MPH																		
85th Percentile / Critical Speed:	46 MPH	47 MPH	46 MPH																		

Radar Survey Conducted By:

Counts Unlimited, Inc.



PO Box 1178

Corona, CA 92880

T 951-268-6268 F 951-268-6267

## **City of Banning**

## Radar Speed Survey

Speed	EB	WB	MPH	Vehicles Surveyed		TOT.
				Eastbound		
65	0	0	65			0
64	0	0	64			0
63	0	0	63			0
62	0	0	62			0
61	0	0	61			0
60	0	1	60		X	1
59	0	0	59			0
58	0	0	58			0
57	0	0	57			0
56	0	1	56		X	1
55	1	1	55		X	2
54	0	2	54		XX	2
53	0	2	53		XX	2
52	1	3	52	X	XXX	4
51	0	3	51		XXX	3
50	1	3	50	X	XXX	4
49	3	3	49	XXX	XX	6
48	2	2	48	XX	XX	4
47	3	4	47	XX	XXX	7
46	4	6	46	XXX	XXX	10
45	5	3	45	XXX	XX	8
44	4	3	44	XX	XX	7
43	7	3	43	XXX	XX	10
42	5	3	42	XXX	XX	8
41	5	2	41	XXX	XX	7
40	3	1	40	XX	X	4
39	3	0	39	XX		3
38	0	1	38		X	1
37	1	2	37	X	XX	3
36	0	0	36			0
35	2	0	35	XX		2
34	0	0	34			0
33	0	1	33		X	1
32	0	0	32			0
31	0	0	31			0
30	0	0	30			0
29	0	0	29			0
28	0	0	28			0
27	0	0	27			0
26	0	0	26			0
25	0	0	25			0
24	0	0	24			0
23	0	0	23			0
22	0	0	22			0
21	0	0	21			0
20	0	0	20			0
19	0	0	19			0
18	0	0	18			0
17	0	0	17			0
16	0	0	16			0
15	0	0	15			0
Total	50	50				GRAND TOTALS
						100

<b>Location:</b>	Wilson Street		
<b>Between:</b>	Highland Springs Avenue - Highland Home Road		
<b>Weather:</b>	Clear		
<b>Date:</b>	4/25/17		
<b>Time From:</b>	1:10		
<b>Time To:</b>	1:30		
<b>Existing Speed Limit:</b>	<u>45</u> MPH		
<hr/>			
<b>% Over Pace:</b>	<b>Eastbound Statistics</b> <u>14%</u>	<b>Westbound Statistics</b> <u>6%</u>	<b>Combined Statistics</b> <u>15%</u>
<b>% In Pace:</b>	<u>66%</u>	<u>82%</u>	<u>71%</u>
<b>% Under Pace:</b>	<u>20%</u>	<u>12%</u>	<u>14%</u>
<b>Average Speed:</b>	<u>47</u> MPH	<u>44</u> MPH	<u>45</u> MPH
<b>Pace Speed:</b>	<u>43 - 52</u> MPH	<u>40 - 49</u> MPH	<u>41 - 50</u> MPH
<b>15th Percentile / Critical Speed:</b>	39 MPH	41 MPH	40 MPH
<b>50th Percentile / Critical Speed:</b>	42 MPH	46 MPH	44 MPH
<b>85th Percentile / Critical Speed:</b>	47 MPH	51 MPH	49 MPH

### Radar Survey Conducted By:

## Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880



T 951-268-6268 F 951-268-6267

## City of Banning

Radar Speed Survey

Speed	MPH			Vehicles Surveyed		TOT.
	Speed	EB	WB	Eastbound	Westbound	
65	0	0	65			0
64	0	0	64			0
63	0	0	63			0
62	0	0	62			0
61	0	0	61			0
60	0	0	60			0
59	0	0	59			0
58	0	0	58			0
57	0	0	57			0
56	0	0	56			0
55	0	0	55			0
54	0	0	54			0
53	0	0	53			0
52	0	0	52			0
51	0	0	51			0
50	0	0	50			0
49	0	0	49			0
48	0	0	48			0
47	0	1	47	X		1
46	0	0	46			0
45	0	0	45			0
44	0	0	44			0
43	0	0	43			0
42	0	0	42			0
41	0	3	41	X X X		3
40	0	2	40	X X		2
39	0	0	39			0
38	0	2	38	X X		2
37	0	2	37	X X		2
36	1	1	36	X		2
35	0	8	35	X X X X X X X X		8
34	1	2	34	X X		3
33	0	3	33	X X X		3
32	3	2	32	X X X		5
31	2	5	31	X X		7
30	9	4	30	X X X X X X X X X		13
29	8	5	29	X X X X X X X X		13
28	5	4	28	X X X X X		9
27	5	0	27	X X X X X		5
26	1	1	26	X		2
25	6	1	25	X X X X X X		7
24	6	1	24	X X X X X X		7
23	1	0	23	X		1
22	0	2	22		X X	2
21	0	1	21		X	1
20	1	0	20	X		1
19	1	0	19	X		1
18	0	0	18			0
17	0	0	17			0
16	0	0	16			0
15	0	0	15			0
Total	50	50		GRAND TOTALS		100

**Location:** Wilson Street  
**Between:** San Gorgonio Avenue - Hargrave Street  
**Weather:** Clear  
**Date:** 4/26/17  
**Time From:** 2:05  
**Time To:** 3:00  
**Existing Speed Limit:** 35 MPH

	Eastbound Statistics	Westbound Statistics	Combined Statistics
% Over Pace:	16%	4%	23%
% In Pace:	72%	92%	71%
% Under Pace:	12%	4%	6%
Average Speed:	32 MPH	28 MPH	30 MPH
Pace Speed:	28 - 37 MPH	23 - 32 MPH	24 - 33 MPH
15th Percentile / Critical Speed:	23 MPH	27 MPH	24 MPH
50th Percentile / Critical Speed:	27 MPH	31 MPH	29 MPH
85th Percentile / Critical Speed:	29 MPH	37 MPH	34 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880



T 951-268-6268 F 951-268-6267

## City of Banning

Radar Speed Survey

Speed	MPH			Vehicles Surveyed		TOT.
	EB	WB		Eastbound	Westbound	
65	0	0		65		0
64	0	0		64		0
63	0	0		63		0
62	0	0		62		0
61	0	0		61		0
60	0	0		60		0
59	0	0		59		0
58	0	0		58		0
57	0	0		57		0
56	0	0		56		0
55	0	0		55		0
54	0	0		54		0
53	2	1		X X	X	3
52	2	1		X X	X	3
51	4	2		X X X X	X X	6
50	4	1		X X X X	X	5
49	2	4		X X X X	X X X X	6
48	4	1		X X X X	X	5
47	5	2		X X X X X	X X	7
46	6	2		X X X X X	X X	8
45	2	3		X X X	X X X	5
44	5	2		X X X X X	X X	7
43	2	5		X X X	X X X X X	7
42	1	4		X	X X X X	5
41	2	3		X X	X X X	5
40	1	2		X	X X	3
39	2	2		X X	X X	4
38	2	3		X X X	X X X	5
37	1	1		X	X	2
36	1	3		X	X X X	4
35	0	1			X	1
34	1	1		X		2
33	0	2			X X	2
32	0	2			X X	2
31	1	0		X		1
30	0	0				0
29	0	1			X	1
28	0	1			X	1
27	0	0				0
26	0	0				0
25	0	0				0
24	0	0				0
23	0	0				0
22	0	0				0
21	0	0				0
20	0	0				0
19	0	0				0
18	0	0				0
17	0	0				0
16	0	0				0
15	0	0				0
Total	50	50		GRAND TOTALS		100

Location:	Wilson Street	
Between:	Sunset Avenue - 16th Street	
Weather:	Clear	
Date:	4/25/17	
Time From:	1:50	
* Time To:	2:10	
* Existing Speed Limit:	45 MPH	
C E		
*		
*		

	Eastbound Statistics	Westbound Statistics	Combined Statistics
% Over Pace:	10%	0%	6%
% In Pace:	56%	72%	61%
% Under Pace:	34%	28%	33%
Average Speed:	42 MPH	45 MPH	44 MPH
Pace Speed:	40 - 49 MPH	44 - 53 MPH	42 - 51 MPH
15th Percentile / Critical Speed:	38 MPH	34 MPH	36 MPH
50th Percentile / Critical Speed:	45 MPH	41 MPH	43 MPH
85th Percentile / Critical Speed:	50 MPH	48 MPH	49 MPH

Radar Survey Conducted By:

Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92880



T 951-268-6268 F 951-268-6267

## 24-HOUR VEHICLE VOLUMES

# Counts Unlimited, Inc.

City of Banning  
8th Street  
B/ Gilman Street - Interstate 10  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

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BAN001  
Site Code: 067-17242

Start Time	02-May-17 Tue	Northbound		Hour Totals		Southbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		6	33			2	42				
12:15		7	41			4	43				
12:30		8	43			5	47				
12:45		5	32	26	149	4	37	15	169	41	318
01:00		5	34			8	39				
01:15		5	57			4	25				
01:30		3	49			4	36				
01:45		6	37	19	177	3	44	19	144	38	321
02:00		6	39			2	52				
02:15		2	37			3	41				
02:30		2	33			8	47				
02:45		4	48	14	157	4	37	17	177	31	334
03:00		1	47			2	36				
03:15		5	34			7	38				
03:30		4	43			10	37				
03:45		3	57	13	181	12	57	31	168	44	349
04:00		2	46			9	33				
04:15		5	55			10	47				
04:30		2	44			7	36				
04:45		2	41	11	186	23	47	49	163	60	349
05:00		3	42			21	34				
05:15		5	56			21	49				
05:30		3	63			27	34				
05:45		9	42	20	203	23	45	92	162	112	365
06:00		13	61			21	48				
06:15		7	41			32	34				
06:30		12	42			32	40				
06:45		15	50	47	194	47	31	132	153	179	347
07:00		22	44			50	30				
07:15		20	30			71	30				
07:30		28	41			50	24				
07:45		27	45	97	160	39	32	210	116	307	276
08:00		34	41			40	35				
08:15		21	38			56	28				
08:30		31	47			44	29				
08:45		32	55	118	181	55	20	195	112	313	293
09:00		33	30			55	22				
09:15		25	29			30	18				
09:30		27	46			43	15				
09:45		20	25	105	130	37	23	165	78	270	208
10:00		23	20			35	15				
10:15		32	23			35	15				
10:30		22	19			29	11				
10:45		40	13	117	75	35	11	134	52	251	127
11:00		28	17			34	3				
11:15		26	21			34	14				
11:30		32	10			48	7				
11:45		38	13	124	61	37	6	153	30	277	91
Total		711	1854	711	1854	1212	1524	1212	1524	1923	3378
Combined Total		2565		2565		2736		2736		5301	
AM Peak	-	10:45	-	-	-	06:45	-	-	-	-	-
Vol.	-	126	-	-	-	218	-	-	-	-	-
P.H.F.		0.788				0.768					
PM Peak	-	-	05:15	-	-	-	01:45	-	-	-	-
Vol.	-	-	222	-	-	-	184	-	-	-	-
P.H.F.		0.881					0.885				
Percentage		27.7%	72.3%			44.3%	55.7%				
ADT/AADT		ADT 5,301		AADT 5,301							

# Counts Unlimited, Inc.

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City of Banning  
22nd Street  
B/ Ramsey Street - Westward Avenue  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

BAN002  
Site Code: 067-17242

Start Time	02-May-17 Tue	Northbound		Hour Totals		Southbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		4	18			6	13				
12:15		4	22			5	19				
12:30		0	10			0	25				
12:45		1	19	9	69	4	16	15	73	24	142
01:00		1	14			3	9				
01:15		5	11			3	14				
01:30		2	19			1	25				
01:45		1	20	9	64	3	12	10	60	19	124
02:00		2	25			3	20				
02:15		2	14			2	23				
02:30		3	19			1	19				
02:45		1	25	8	83	1	21	7	83	15	166
03:00		2	25			1	23				
03:15		5	25			1	21				
03:30		2	19			4	22				
03:45		1	33	10	102	1	26	7	92	17	194
04:00		2	22			1	24				
04:15		2	22			0	11				
04:30		4	31			1	15				
04:45		6	24	14	99	1	22	3	72	17	171
05:00		3	18			1	14				
05:15		6	14			3	32				
05:30		9	23			3	18				
05:45		7	27	25	82	9	22	16	86	41	168
06:00		14	20			5	25				
06:15		5	9			12	13				
06:30		14	15			4	16				
06:45		23	22	56	66	13	18	34	72	90	138
07:00		13	17			18	22				
07:15		29	16			17	14				
07:30		21	6			15	17				
07:45		19	10	82	49	15	17	65	70	147	119
08:00		18	23			15	13				
08:15		14	12			15	9				
08:30		24	6			18	13				
08:45		20	14	76	55	20	12	68	47	144	102
09:00		15	8			22	11				
09:15		11	13			15	10				
09:30		22	2			17	9				
09:45		24	7	72	30	18	5	72	35	144	65
10:00		10	3			15	8				
10:15		19	9			16	6				
10:30		23	6			15	8				
10:45		31	4	83	22	14	6	60	28	143	50
11:00		22	1			19	1				
11:15		27	1			17	5				
11:30		25	1			25	8				
11:45		20	7	94	10	12	2	73	16	167	26
Total		538	731	538	731	430	734	430	734	968	1465
Combined Total		1269		1269		1164		1164		2433	
AM Peak	-	10:45	-	-	-	08:15	-	-	-	-	-
Vol.	-	105	-	-	-	75	-	-	-	-	-
P.H.F.		0.847				0.852					
PM Peak	-	-	03:45	-	-	-	05:15	-	-	-	-
Vol.	-	-	108	-	-	-	97	-	-	-	-
P.H.F.		0.818				0.758					
Percentage		42.4%	57.6%			36.9%	63.1%				
ADT/AADT		ADT 2,433		AADT 2,433							

# Counts Unlimited, Inc.

City of Banning  
Highland Home Road  
B/ Wilson Street - Ramsey Street  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

Page 1

BAN003  
Site Code: 067-17242

Start Time	04-May-17 Thu	Northbound		Hour Totals		Southbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		3	19			0	4				
12:15		4	7			0	3				
12:30		2	12			0	5				
12:45		1	10	10	48	0	8	0	20	10	68
01:00		0	13			0	10				
01:15		0	11			0	12				
01:30		1	11			0	4				
01:45		1	9	2	44	1	5	1	31	3	75
02:00		1	12			0	4				
02:15		0	21			0	6				
02:30		0	16			0	11				
02:45		0	19	1	68	1	6	1	27	2	95
03:00		0	18			0	8				
03:15		2	9			0	8				
03:30		0	8			0	11				
03:45		0	19	2	54	0	10	0	37	2	91
04:00		1	21			0	9				
04:15		0	23			0	8				
04:30		0	20			1	11				
04:45		1	14	2	78	0	11	1	39	3	117
05:00		0	22			0	5				
05:15		2	18			2	7				
05:30		2	17			2	8				
05:45		0	15	4	72	3	6	7	26	11	98
06:00		2	15			1	12				
06:15		1	16			4	4				
06:30		2	21			7	3				
06:45		4	12	9	64	8	7	20	26	29	90
07:00		5	17			12	3				
07:15		11	13			9	7				
07:30		12	5			11	6				
07:45		8	13	36	48	7	6	39	22	75	70
08:00		9	11			9	5				
08:15		16	9			15	3				
08:30		10	10			11	4				
08:45		12	14	47	44	11	1	46	13	93	57
09:00		2	10			14	3				
09:15		15	6			5	0				
09:30		5	8			6	2				
09:45		4	7	26	31	6	3	31	8	57	39
10:00		8	5			7	0				
10:15		10	6			4	4				
10:30		6	6			9	3				
10:45		9	2	33	19	5	3	25	10	58	29
11:00		17	2			11	0				
11:15		8	4			4	0				
11:30		11	5			8	2				
11:45		12	3	48	14	11	1	34	3	82	17
Total		220	584	220	584	205	262	205	262	425	846
Combined Total		804		804		467		467		1271	
AM Peak Vol.	-	11:00	-	-	-	08:15	-	-	-	-	-
P.H.F.	-	48	-	-	-	51	-	-	-	-	-
PM Peak Vol.	-	0.706				0.850					
ADT/AADT		ADT 1,271		AADT 1,271							
Percentag e		27.4%	72.6%			43.9%	56.1%				

# Counts Unlimited, Inc.

City of Banning  
Hathaway Street  
B/ Hoffer Street - Ramsey Street  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

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BAN004  
Site Code: 067-17242

Start Time	27-Apr-17 Thu	Northbound		Hour Totals		Southbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		3	31			2	21				
12:15		3	24			0	22				
12:30		2	23			3	15				
12:45		2	20	10	98	1	16	6	74	16	172
01:00		2	20			1	20				
01:15		4	15			1	18				
01:30		1	16			0	19				
01:45		4	25	11	76	2	13	4	70	15	146
02:00		1	24			2	23				
02:15		0	22			0	23				
02:30		0	27			1	17				
02:45		3	31	4	104	1	26	4	89	8	193
03:00		1	34			1	33				
03:15		1	31			1	29				
03:30		2	23			1	31				
03:45		2	20	6	108	2	27	5	120	11	228
04:00		2	30			4	23				
04:15		1	26			1	13				
04:30		3	30			5	35				
04:45		1	20	7	106	5	42	15	113	22	219
05:00		3	30			4	16				
05:15		3	23			8	27				
05:30		6	28			7	20				
05:45		5	25	17	106	9	12	28	75	45	181
06:00		11	25			7	17				
06:15		10	23			11	14				
06:30		14	28			12	9				
06:45		11	18	46	94	16	12	46	52	92	146
07:00		11	19			22	9				
07:15		32	13			16	7				
07:30		36	8			21	18				
07:45		16	15	95	55	16	14	75	48	170	103
08:00		26	23			21	18				
08:15		26	12			32	21				
08:30		14	23			38	13				
08:45		21	14	87	72	10	18	101	70	188	142
09:00		11	12			11	13				
09:15		18	7			23	9				
09:30		13	12			15	5				
09:45		20	14	62	45	13	8	62	35	124	80
10:00		7	10			16	4				
10:15		15	13			9	2				
10:30		13	7			18	4				
10:45		12	8	47	38	18	6	61	16	108	54
11:00		21	5			25	2				
11:15		14	3			29	2				
11:30		15	7			13	3				
11:45		18	3	68	18	10	0	77	7	145	25
Total		460	920	460	920	484	769	484	769	944	1689
Combined Total		1380		1380		1253		1253		2633	
AM Peak Vol.	-	07:15	-	-	-	07:45	-	-	-	-	-
P.H.F.	-	110	-	-	-	107	-	-	-	-	-
PM Peak Vol.	-	0.764				0.704					
PM Peak Vol.	-	-	02:30	-	-	-	03:00	-	-	-	-
P.H.F.	-	-	123	-	-	-	120	-	-	-	-
P.H.F.	-	0.904				0.909					
Percentage		33.3%	66.7%			38.6%	61.4%				
ADT/AADT		ADT 2,633		AADT 2,633							

# Counts Unlimited, Inc.

City of Banning  
Hathaway Street  
B/ Lincoln Street - Wesley Street  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

Page 1

BAN005  
Site Code: 067-17242

Start Time	27-Apr-17 Thu	Northbound		Hour Totals		Southbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		1	8			0	4				
12:15		0	5			1	6				
12:30		0	6			0	12				
12:45		0	0	1	19	0	8	1	30	2	49
01:00		0	6			1	14				
01:15		0	8			0	3				
01:30		1	7			1	4				
01:45		0	9	1	30	2	10	4	31	5	61
02:00		1	6			0	6				
02:15		0	5			0	4				
02:30		0	5			1	10				
02:45		1	14	2	30	0	3	1	23	3	53
03:00		0	11			1	9				
03:15		2	3			0	10				
03:30		3	15			0	10				
03:45		1	9	6	38	1	11	2	40	8	78
04:00		1	6			0	13				
04:15		1	6			0	8				
04:30		0	8			1	8				
04:45		0	7	2	27	4	7	5	36	7	63
05:00		3	6			1	7				
05:15		2	7			0	7				
05:30		1	3			3	3				
05:45		4	6	10	22	3	8	7	25	17	47
06:00		1	7			3	9				
06:15		2	3			3	8				
06:30		5	9			8	5				
06:45		7	7	15	26	9	7	23	29	38	55
07:00		6	13			4	7				
07:15		12	4			7	6				
07:30		6	3			5	6				
07:45		5	3	29	23	2	4	18	23	47	46
08:00		5	4			3	3				
08:15		11	5			4	2				
08:30		11	4			4	3				
08:45		6	3	33	16	4	3	15	11	48	27
09:00		6	2			7	2				
09:15		7	1			3	6				
09:30		8	8			9	8				
09:45		9	2	30	13	7	2	26	18	56	31
10:00		4	0			4	2				
10:15		7	1			10	2				
10:30		6	2			4	1				
10:45		12	0	29	3	5	0	23	5	52	8
11:00		7	0			6	1				
11:15		9	0			5	1				
11:30		8	0			7	2				
11:45		5	0	29	0	9	0	27	4	56	4
Total		187	247	187	247	152	275	152	275	339	522
Combined Total		434		434		427		427		861	
AM Peak Vol.	-	10:45	-	-	-	09:30	-	-	-	-	-
P.H.F.	-	36	-	-	-	30	-	-	-	-	-
PM Peak Vol.	-	0.750				0.750					
P.H.F.	-	-	02:45	-	-	-	03:15	-	-	-	-
	-	-	43	-	-	-	44	-	-	-	-
	-	-	0.717				0.786				
Percentage		43.1%	56.9%			35.6%	64.4%				
ADT/AADT		ADT 861		AADT 861							

# Counts Unlimited, Inc.

City of Banning  
Mountain Avenue  
B/ Mockingbird Lane - Wilson Street  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

Page 1

BAN006  
Site Code: 067-17242

Start Time	04-May-17 Thu	Northbound		Hour Totals		Southbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		6	18			1	12				
12:15		1	8			3	7				
12:30		7	24			0	15				
12:45		0	10	14	60	0	17	4	51	18	111
01:00		0	16			0	23				
01:15		0	12			0	17				
01:30		0	15			2	5				
01:45		0	9	0	52	1	17	3	62	3	114
02:00		1	11			2	15				
02:15		3	10			3	12				
02:30		1	10			0	12				
02:45		0	24	5	55	0	18	5	57	10	112
03:00		1	14			0	19				
03:15		0	23			1	14				
03:30		3	16			3	16				
03:45		1	23	5	76	2	17	6	66	11	142
04:00		2	18			2	17				
04:15		2	21			2	15				
04:30		0	33			2	16				
04:45		1	23	5	95	7	24	13	72	18	167
05:00		2	16			3	19				
05:15		0	31			9	19				
05:30		2	19			8	18				
05:45		2	19	6	85	12	19	32	75	38	160
06:00		6	21			7	13				
06:15		6	20			14	8				
06:30		2	17			9	9				
06:45		7	25	21	83	15	11	45	41	66	124
07:00		7	16			24	27				
07:15		6	17			16	13				
07:30		11	17			26	12				
07:45		10	22	34	72	29	11	95	63	129	135
08:00		14	15			16	14				
08:15		13	9			18	12				
08:30		15	17			21	12				
08:45		11	20	53	61	20	10	75	48	128	109
09:00		8	7			16	7				
09:15		12	7			9	10				
09:30		11	8			10	3				
09:45		13	5	44	27	14	9	49	29	93	56
10:00		6	8			16	5				
10:15		12	11			12	7				
10:30		12	6			16	3				
10:45		11	3	41	28	13	1	57	16	98	44
11:00		14	1			8	1				
11:15		12	5			8	3				
11:30		18	2			14	2				
11:45		12	6	56	14	10	1	40	7	96	21
Total		284	708	284	708	424	587	424	587	708	1295
Combined Total		992		992		1011		1011		2003	
AM Peak Vol.	-	11:00	-	-	-	07:00	-	-	-	-	-
P.H.F.	-	56	-	-	-	95	-	-	-	-	-
PM Peak Vol.	-	0.778				0.819					
ADT/AADT		ADT 2,003		AADT 2,003							
Percentag e		28.6%	71.4%			41.9%	58.1%				

# Counts Unlimited, Inc.

Page 1

City of Banning  
Highland Springs Avenue  
B/ North City Limit - Oak Valley Parkway  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

BAN007  
Site Code: 067-17242

Start Time	27-Apr-17 Thu	Northbound		Hour Totals		Southbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		3	79			5	81				
12:15		6	69			2	57				
12:30		5	69			1	70				
12:45		2	82	16	299	0	36	8	244	24	543
01:00		2	59			1	52				
01:15		3	66			3	60				
01:30		1	82			1	41				
01:45		3	86	9	293	0	77	5	230	14	523
02:00		0	103			1	67				
02:15		4	93			1	74				
02:30		4	134			2	52				
02:45		2	131	10	461	4	104	8	297	18	758
03:00		3	96			2	156				
03:15		4	105			8	132				
03:30		3	108			5	95				
03:45		3	96	13	405	7	69	22	452	35	857
04:00		1	99			2	61				
04:15		6	114			7	48				
04:30		9	93			10	64				
04:45		6	89	22	395	4	52	23	225	45	620
05:00		12	78			16	59				
05:15		11	95			24	57				
05:30		22	90			37	69				
05:45		25	79	70	342	37	75	114	260	184	602
06:00		17	89			34	63				
06:15		51	73			47	55				
06:30		70	75			68	70				
06:45		84	55	222	292	88	46	237	234	459	526
07:00		111	61			88	45				
07:15		120	48			117	35				
07:30		69	55			129	38				
07:45		65	58	365	222	117	36	451	154	816	376
08:00		67	40			98	29				
08:15		58	45			69	35				
08:30		43	46			74	25				
08:45		44	38	212	169	70	22	311	111	523	280
09:00		48	39			71	21				
09:15		63	28			56	18				
09:30		57	31			59	11				
09:45		53	33	221	131	65	8	251	58	472	189
10:00		73	25			54	9				
10:15		80	25			42	8				
10:30		54	13			55	4				
10:45		62	22	269	85	74	7	225	28	494	113
11:00		53	9			71	3				
11:15		79	14			80	1				
11:30		84	2			67	7				
11:45		64	11	280	36	61	1	279	12	559	48
Total		1709	3130	1709	3130	1934	2305	1934	2305	3643	5435
Combined Total		4839		4839		4239		4239		9078	
AM Peak Vol.	-	06:30	-	-	-	07:15	-	-	-	-	-
P.H.F.	-	385	-	-	-	461	-	-	-	-	-
PM Peak Vol.	-	0.802				0.893					
P.H.F.	-	02:30	-	-	-	02:45	-	-	-	-	-
Percentag e		35.3%	64.7%			45.6%	54.4%				
ADT/AADT		ADT 9,078		AADT 9,078							

# Counts Unlimited, Inc.

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City of Banning  
Highland Springs Avenue  
B/ Oak Valley Parkway - Wilson Street  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

BAN008  
Site Code: 067-17242

Start Time	27-Apr-17 Thu	Northbound		Hour Totals		Southbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		11	100			5	107				
12:15		10	121			6	135				
12:30		12	101			6	99				
12:45		11	97	44	419	5	118	22	459	66	878
01:00		7	114			3	88				
01:15		5	79			3	95				
01:30		13	84			8	106				
01:45		5	121	30	398	1	106	15	395	45	793
02:00		4	127			1	117				
02:15		4	130			5	121				
02:30		6	141			3	128				
02:45		9	196	23	594	6	107	15	473	38	1067
03:00		5	187			10	151				
03:15		6	161			7	191				
03:30		5	158			17	203				
03:45		5	168	21	674	18	148	52	693	73	1367
04:00		6	170			14	147				
04:15		5	150			12	99				
04:30		9	167			23	112				
04:45		11	145	31	632	27	110	76	468	107	1100
05:00		7	152			22	113				
05:15		13	130			33	112				
05:30		15	152			53	96				
05:45		33	154	68	588	72	124	180	445	248	1033
06:00		35	138			68	115				
06:15		33	149			69	111				
06:30		69	142			87	99				
06:45		89	145	226	574	119	116	343	441	569	1015
07:00		107	112			149	93				
07:15		141	88			155	82				
07:30		139	90			161	69				
07:45		113	87	500	377	229	69	694	313	1194	690
08:00		97	100			190	75				
08:15		101	96			176	54				
08:30		88	83			111	62				
08:45		79	77	365	356	112	60	589	251	954	607
09:00		70	65			119	49				
09:15		69	59			112	43				
09:30		85	53			112	31				
09:45		79	53	303	230	96	27	439	150	742	380
10:00		88	55			109	24				
10:15		97	45			103	24				
10:30		105	45			78	22				
10:45		90	31	380	176	105	16	395	86	775	262
11:00		97	33			114	23				
11:15		96	23			121	9				
11:30		107	20			124	6				
11:45		118	12	418	88	135	16	494	54	912	142
Total Combined Total		2409	5106	2409	5106	3314	4228	3314	4228	5723	9334
AM Peak Vol.	-	07:00	-	-	-	07:30	-	-	-	-	-
P.H.F.	-	500	-	-	-	756	-	-	-	-	-
PM Peak Vol.	-	0.887	-	-	-	0.825	-	-	-	-	-
P.H.F.	-	02:45	-	-	-	03:00	-	-	-	-	-
Percentag e		32.1%	67.9%			43.9%	56.1%				
ADT/AADT		ADT 15,057		AADT 15,057							

# Counts Unlimited, Inc.

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City of Banning  
Highland Springs Avenue  
B/ Wilson Street - Sun Lakes Boulevard  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

BAN009  
Site Code: 067-17242

Start Time	27-Apr-17 Thu	Northbound		Hour Totals		Southbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		15	157			11	173				
12:15		27	143			9	149				
12:30		15	144			8	146				
12:45		15	158	72	602	9	172	37	640	109	1242
01:00		14	176			8	118				
01:15		11	137			3	125				
01:30		15	139			7	148				
01:45		8	171	48	623	4	134	22	525	70	1148
02:00		13	198			6	142				
02:15		9	185			3	144				
02:30		14	184			5	180				
02:45		11	203	47	770	12	190	26	656	73	1426
03:00		8	214			17	204				
03:15		11	189			9	173				
03:30		9	211			26	231				
03:45		9	198	37	812	29	186	81	794	118	1606
04:00		5	215			33	167				
04:15		9	211			38	141				
04:30		11	237			42	169				
04:45		19	180	44	843	56	120	169	597	213	1440
05:00		14	222			43	156				
05:15		14	192			65	143				
05:30		22	227			94	137				
05:45		57	211	107	852	100	145	302	581	409	1433
06:00		53	187			121	147				
06:15		52	171			126	141				
06:30		76	179			156	122				
06:45		106	186	287	723	179	145	582	555	869	1278
07:00		85	190			193	123				
07:15		108	151			191	129				
07:30		108	151			198	102				
07:45		130	146	431	638	233	88	815	442	1246	1080
08:00		151	155			223	94				
08:15		118	155			199	80				
08:30		108	131			172	94				
08:45		120	99	497	540	171	74	765	342	1262	882
09:00		97	109			164	61				
09:15		119	92			146	58				
09:30		112	100			151	46				
09:45		144	86	472	387	153	40	614	205	1086	592
10:00		113	88			160	38				
10:15		134	76			134	30				
10:30		130	68			155	28				
10:45		128	52	505	284	133	17	582	113	1087	397
11:00		140	58			190	23				
11:15		152	44			166	18				
11:30		154	41			144	18				
11:45		164	27	610	170	197	18	697	77	1307	247
Total		3157	7244	3157	7244	4692	5527	4692	5527	7849	12771
Combined Total		10401		10401		10219		10219		20620	
AM Peak	-	11:00	-	-	-	07:30	-	-	-	-	-
Vol.	-	610	-	-	-	853	-	-	-	-	-
P.H.F.		0.930				0.915					
PM Peak	-	-	03:45	-	-	-	02:45	-	-	-	-
Vol.	-	-	861	-	-	-	798	-	-	-	-
P.H.F.			0.908				0.864				
Percentage		30.4%	69.6%			45.9%	54.1%				
ADT/AADT		ADT 20,620		AADT 20,620							

# Counts Unlimited, Inc.

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City of Banning  
Highland Springs Avenue  
B/ Sun Lakes Boulevard - South City Limit  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

BAN010  
Site Code: 067-17242

Start Time	27-Apr-17 Thu	Northbound		Hour Totals		Southbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		1	<b>105</b>			3	87				
12:15		0	<b>94</b>			2	82				
12:30		3	<b>78</b>			3	93				
12:45		1	<b>99</b>	5	376	4	99	12	361	17	737
01:00		2	101			2	103				
01:15		3	76			0	97				
01:30		0	86			2	85				
01:45		1	92	6	355	3	100	7	385	13	740
02:00		0	74			1	76				
02:15		1	91			3	81				
02:30		3	95			1	<b>114</b>				
02:45		0	97	4	357	3	<b>107</b>	8	378	12	735
03:00		1	85			0	<b>109</b>				
03:15		2	88			1	<b>88</b>				
03:30		3	90			3	85				
03:45		5	72	11	335	2	94	6	376	17	711
04:00		12	109			0	87				
04:15		3	86			1	78				
04:30		4	77			0	78				
04:45		7	69	26	341	3	71	4	314	30	655
05:00		11	90			0	78				
05:15		15	72			3	65				
05:30		22	54			6	68				
05:45		33	53	81	269	19	49	28	260	109	529
06:00		22	40			17	66				
06:15		41	36			33	58				
06:30		53	43			51	51				
06:45		64	42	180	161	69	56	170	231	350	392
07:00		66	37			60	47				
07:15		58	27			65	48				
07:30		54	24			60	40				
07:45		69	15	247	103	92	49	277	184	524	287
08:00		61	21			91	34				
08:15		93	16			70	35				
08:30		80	18			77	35				
08:45		93	17	327	72	65	32	303	136	630	208
09:00		100	10			66	25				
09:15		111	11			69	19				
09:30		120	10			64	19				
09:45		96	13	427	44	67	19	266	82	693	126
10:00		119	10			86	16				
10:15		97	8			85	13				
10:30		108	11			67	7				
10:45		113	4	437	33	84	8	322	44	759	77
11:00		96	7			<b>64</b>	9				
11:15		101	2			<b>103</b>	7				
11:30		111	4			<b>83</b>	5				
11:45		108	3	416	16	<b>94</b>	1	344	22	760	38
Total		2167	2462	2167	2462	1747	2773	1747	2773	3914	5235
Combined Total		4629		4629		4520		4520		9149	
AM Peak	-	09:15	-	-	-	11:00	-	-	-	-	-
Vol.	-	446	-	-	-	344	-	-	-	-	-
P.H.F.		0.929				0.835					
PM Peak	-	-	12:00	-	-	-	02:30	-	-	-	-
Vol.	-	-	376	-	-	-	418	-	-	-	-
P.H.F.		0.895				0.917					
Percentage		46.8%	53.2%			38.7%	61.3%				
ADT/AADT		ADT 9,149		AADT 9,149							

# Counts Unlimited, Inc.

City of Banning  
San Gorgonio Avenue  
B/ Lombardy Lane - Wilson Street  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

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BAN011  
Site Code: 067-17242

Start Time	02-May-17 Tue	Northbound		Hour Totals		Southbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		4	8			1	23				
12:15		2	17			1	19				
12:30		1	7			1	12				
12:45		3	13	10	45	4	9	7	63	17	108
01:00		1	17			0	13				
01:15		1	9			3	16				
01:30		2	15			0	22				
01:45		3	16	7	57	0	11	3	62	10	119
02:00		0	8			2	13				
02:15		0	10			0	24				
02:30		1	15			0	13				
02:45		1	24	2	57	3	20	5	70	7	127
03:00		0	21			2	13				
03:15		0	18			0	19				
03:30		0	21			0	29				
03:45		0	21	0	81	0	13	2	74	2	155
04:00		1	20			1	19				
04:15		0	15			1	18				
04:30		0	10			0	10				
04:45		0	14	1	59	5	17	7	64	8	123
05:00		2	17			5	19				
05:15		4	19			1	14				
05:30		4	12			7	11				
05:45		1	17	11	65	4	16	17	60	28	125
06:00		3	11			6	7				
06:15		1	14			7	11				
06:30		5	13			13	8				
06:45		7	20	16	58	11	10	37	36	53	94
07:00		9	9			21	9				
07:15		10	15			17	12				
07:30		8	9			10	8				
07:45		6	7	33	40	13	8	61	37	94	77
08:00		14	7			15	6				
08:15		14	15			17	8				
08:30		9	9			16	6				
08:45		12	1	49	32	12	4	60	24	109	56
09:00		13	7			3	4				
09:15		14	14			8	5				
09:30		9	6			9	3				
09:45		11	7	47	34	4	1	24	13	71	47
10:00		11	4			10	6				
10:15		9	2			12	0				
10:30		9	6			8	1				
10:45		13	6	42	18	10	3	40	10	82	28
11:00		8	8			11	4				
11:15		11	1			13	3				
11:30		8	2			12	5				
11:45		9	3	36	14	22	4	58	16	94	30
Total		254	560	254	560	321	529	321	529	575	1089
Combined Total		814		814		850		850		1664	
AM Peak Vol.	-	08:00	-	-	-	06:30	-	-	-	-	-
P.H.F.	-	49	-	-	-	62	-	-	-	-	-
PM Peak Vol.	-	0.875	-	-	-	0.738	-	-	-	-	-
P.H.F.	-	02:45	-	-	-	02:45	-	-	-	-	-
Percentag e		31.2%	68.8%			37.8%	62.2%				
ADT/AADT		ADT 1,664		AADT 1,664							

# Counts Unlimited, Inc.

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City of Banning  
San Gorgonio Avenue  
B/ Wilson Street - Ramsey Street  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

BAN012  
Site Code: 067-17242

Start Time	02-May-17 Tue	Northbound		Hour Totals		Southbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		1	16			0	39				
12:15		2	19			1	29				
12:30		0	28			1	21				
12:45		1	20	4	83	1	24	3	113	7	196
01:00		1	21			0	21				
01:15		1	29			1	23				
01:30		3	42			0	33				
01:45		2	29	7	121	0	26	1	103	8	224
02:00		1	29			0	20				
02:15		0	23			0	22				
02:30		1	70			1	31				
02:45		0	69	2	191	1	38	2	111	4	302
03:00		1	58			1	75				
03:15		0	33			0	51				
03:30		0	37			1	43				
03:45		1	38	2	166	0	38	2	207	4	373
04:00		2	37			1	26				
04:15		0	34			4	41				
04:30		1	43			2	22				
04:45		1	44	4	158	4	36	11	125	15	283
05:00		2	44			4	31				
05:15		5	46			3	31				
05:30		2	59			9	53				
05:45		1	32	10	181	5	45	21	160	31	341
06:00		6	25			7	30				
06:15		8	23			11	34				
06:30		17	22			18	28				
06:45		19	26	50	96	29	24	65	116	115	212
07:00		41	30			40	30				
07:15		55	16			52	34				
07:30		24	6			23	21				
07:45		17	15	137	67	26	12	141	97	278	164
08:00		22	14			47	7				
08:15		28	17			42	8				
08:30		33	12			42	10				
08:45		23	6	106	49	33	5	164	30	270	79
09:00		21	10			15	6				
09:15		26	17			17	7				
09:30		23	1			18	6				
09:45		18	14	88	42	21	4	71	23	159	65
10:00		24	2			13	7				
10:15		20	4			18	3				
10:30		26	3			22	1				
10:45		29	9	99	18	25	5	78	16	177	34
11:00		21	3			26	3				
11:15		20	3			16	3				
11:30		26	3			28	0				
11:45		26	2	93	11	29	1	99	7	192	18
Total		602	1183	602	1183	658	1108	658	1108	1260	2291
Combined Total		1785		1785		1766		1766		3551	
AM Peak Vol.	-	06:45	-	-	-	08:00	-	-	-	-	-
P.H.F.	-	139	-	-	-	164	-	-	-	-	-
PM Peak Vol.	-	0.632				0.872					
P.H.F.	-	02:30	-	-	-	02:45	-	-	-	-	-
Percentag e		33.7%	66.3%			37.3%	62.7%				
ADT/AADT		ADT 3,551		AADT 3,551							

# Counts Unlimited, Inc.

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City of Banning  
San Gorgonio Avenue  
B/ Ramsey Street - Lincoln Street  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

BAN013  
Site Code: 067-17242

Start Time	02-May-17 Tue	Northbound		Hour Totals		Southbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		0	18			0	22				
12:15		2	15			0	22				
12:30		4	28			3	25				
12:45		1	17	7	78	1	20	4	89	11	167
01:00		0	24			0	16				
01:15		2	24			1	20				
01:30		1	34			1	27				
01:45		0	19	3	101	2	27	4	90	7	191
02:00		0	19			1	15				
02:15		0	20			0	31				
02:30		0	85			0	39				
02:45		0	78	0	202	0	12	1	97	1	299
03:00		0	29			0	47				
03:15		0	26			0	30				
03:30		0	22			0	18				
03:45		0	22	0	99	0	20	0	115	0	214
04:00		3	22			3	21				
04:15		1	31			2	22				
04:30		1	28			0	22				
04:45		0	17	5	98	3	24	8	89	13	187
05:00		1	29			2	23				
05:15		2	23			2	23				
05:30		3	22			14	27				
05:45		2	19	8	93	2	23	20	96	28	189
06:00		6	12			8	11				
06:15		14	18			8	13				
06:30		17	22			13	11				
06:45		25	13	62	65	26	17	55	52	117	117
07:00		62	19			61	18				
07:15		83	10			70	17				
07:30		24	10			18	14				
07:45		19	8	188	47	13	14	162	63	350	110
08:00		20	6			15	6				
08:15		30	17			13	9				
08:30		33	10			21	5				
08:45		6	7	89	40	18	4	67	24	156	64
09:00		11	7			10	6				
09:15		20	8			12	4				
09:30		17	0			15	2				
09:45		8	4	56	19	7	5	44	17	100	36
10:00		20	3			11	3				
10:15		10	2			13	6				
10:30		13	2			18	6				
10:45		18	3	61	10	12	7	54	22	115	32
11:00		18	1			13	2				
11:15		22	2			7	1				
11:30		20	0			17	1				
11:45		24	3	84	6	14	3	51	7	135	13
Total Combined Total		563	858	563	858	470	761	470	761	1033	1619
AM Peak Vol.	-	06:45	-	-	-	06:45	-	-	-	-	-
P.H.F.	-	194	-	-	-	175	-	-	-	-	-
PM Peak Vol.	-	0.584	-	-	-	0.625	-	-	-	-	-
ADT/AADT		02:30	-	-	-	02:15	-	-	-	-	-
		218	-	-	-	129	-	-	-	-	-
		0.641	-	-	-	0.686	-	-	-	-	-
Percentag e		39.6%	60.4%			38.2%	61.8%				
		ADT 2,652		AADT 2,652							

# Counts Unlimited, Inc.

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City of Banning  
Sunset Avenue  
B/ Wilson Street - Ramsey Street  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

BAN014  
Site Code: 067-17242

Start Time	02-May-17 Tue	Northbound		Hour Totals		Southbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		11	44			5	56				
12:15		8	60			4	56				
12:30		5	57			8	59				
12:45		4	61	28	222	7	49	24	220	52	442
01:00		7	54			4	55				
01:15		3	57			2	53				
01:30		2	46			2	51				
01:45		5	34	17	191	3	44	11	203	28	394
02:00		1	54			0	57				
02:15		3	66			2	38				
02:30		2	42			3	48				
02:45		4	57	10	219	4	57	9	200	19	419
03:00		1	68			1	64				
03:15		0	59			2	64				
03:30		0	70			6	41				
03:45		2	54	3	251	8	59	17	228	20	479
04:00		2	78			7	57				
04:15		4	71			9	59				
04:30		4	73			13	50				
04:45		6	75	16	297	18	52	47	218	63	515
05:00		5	67			16	57				
05:15		5	78			18	41				
05:30		8	77			27	68				
05:45		14	73	32	295	30	55	91	221	123	516
06:00		11	53			37	49				
06:15		22	59			41	42				
06:30		17	68			53	38				
06:45		14	61	64	241	42	35	173	164	237	405
07:00		19	48			51	48				
07:15		15	48			68	50				
07:30		26	49			57	35				
07:45		26	53	86	198	57	33	233	166	319	364
08:00		28	40			46	28				
08:15		35	32			58	23				
08:30		33	37			62	32				
08:45		48	29	144	138	63	24	229	107	373	245
09:00		33	46			59	22				
09:15		39	45			57	26				
09:30		33	35			59	10				
09:45		50	35	155	161	60	16	235	74	390	235
10:00		30	28			49	12				
10:15		32	25			40	16				
10:30		49	18			40	15				
10:45		49	15	160	86	55	10	184	53	344	139
11:00		50	14			55	12				
11:15		38	8			46	8				
11:30		42	8			47	5				
11:45		48	15	178	45	53	5	201	30	379	75
Total		893	2344	893	2344	1454	1884	1454	1884	2347	4228
Combined Total		3237		3237		3338		3338		6575	
AM Peak	-	10:30	-	-	-	08:15	-	-	-	-	-
Vol.	-	186	-	-	-	242	-	-	-	-	-
P.H.F.		0.930				0.890					
PM Peak	-	-	04:00	-	-	-	02:30	-	-	-	-
Vol.	-	-	297	-	-	-	233	-	-	-	-
P.H.F.		0.952				0.910					
Percentage		27.6%	72.4%			43.6%	56.4%				
ADT/AADT		ADT 6,575		AADT 6,575							

# Counts Unlimited, Inc.

PO Box 1178

Corona, CA 92878

Phone: 951-268-6268

email: counts@countsunlimited.com

Page 1

City of Banning  
Sunset Avenue  
B/ Ramsey Street - Westward Avenue  
24 Hour Directional Volume Count

BAN015

Site Code: 067-17242

Start Time	02-May-17 Tue	Northbound		Hour Totals		Southbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		0	24			2	34				
12:15		2	23			5	45				
12:30		1	27			2	40				
12:45		1	35	4	109	0	36	9	155	13	264
01:00		1	30			4	29				
01:15		3	29			0	31				
01:30		0	23			4	29				
01:45		4	50	8	132	3	47	11	136	19	268
02:00		3	34			2	27				
02:15		0	33			1	26				
02:30		2	25			2	43				
02:45		1	38	6	130	0	35	5	131	11	261
03:00		2	30			0	37				
03:15		1	34			1	46				
03:30		2	21			0	42				
03:45		6	29	11	114	3	44	4	169	15	283
04:00		6	33			1	52				
04:15		8	41			4	44				
04:30		5	22			1	39				
04:45		6	30	25	126	1	42	7	177	32	303
05:00		10	30			3	39				
05:15		10	27			3	45				
05:30		8	30			6	30				
05:45		10	17	38	104	11	39	23	153	61	257
06:00		17	27			10	35				
06:15		17	18			7	33				
06:30		20	22			14	32				
06:45		23	33	77	100	19	36	50	136	127	236
07:00		33	22			33	35				
07:15		44	21			31	34				
07:30		29	25			26	23				
07:45		26	20	132	88	25	22	115	114	247	202
08:00		31	21			30	24				
08:15		22	10			36	27				
08:30		34	26			30	27				
08:45		27	12	114	69	29	15	125	93	239	162
09:00		28	21			25	24				
09:15		37	12			23	18				
09:30		30	11			26	22				
09:45		29	10	124	54	33	11	107	75	231	129
10:00		37	5			17	10				
10:15		24	7			25	13				
10:30		39	4			39	17				
10:45		33	4	133	20	34	10	115	50	248	70
11:00		26	1			28	6				
11:15		22	4			29	5				
11:30		32	5			30	8				
11:45		29	3	109	13	31	7	118	26	227	39
Total		781	1059	781	1059	689	1415	689	1415	1470	2474
Combined Total		1840		1840		2104		2104			3944
AM Peak	-	09:15	-	-	-	10:30	-	-	-	-	-
Vol.	-	133	-	-	-	130	-	-	-	-	-
P.H.F.		0.756				0.833					
PM Peak	-	-	01:45	-	-	-	03:15	-	-	-	-
Vol.	-	-	142	-	-	-	184	-	-	-	-
P.H.F.			0.710				0.885				
Percentage		42.4%	57.6%			32.7%	67.3%				
ADT/AADT		ADT 3,944		AADT 3,944							

# Counts Unlimited, Inc.

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City of Banning  
Hargrave Street  
B/ Wilson Street - Ramsey Street  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

BAN016  
Site Code: 067-17242

Start Time	02-May-17 Tue	Northbound		Hour Totals		Southbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		14	40			8	31				
12:15		13	41			8	40				
12:30		8	37			7	40				
12:45		8	42	43	160	10	40	33	151	76	311
01:00		6	45			4	35				
01:15		5	48			4	59				
01:30		4	35			10	43				
01:45		5	39	20	167	6	51	24	188	44	355
02:00		6	58			2	43				
02:15		4	49			6	66				
02:30		3	43			3	62				
02:45		3	85	16	235	14	46	25	217	41	452
03:00		3	70			6	50				
03:15		3	67			4	81				
03:30		3	70			7	56				
03:45		5	57	14	264	10	62	27	249	41	513
04:00		0	52			14	59				
04:15		1	63			13	55				
04:30		3	58			17	50				
04:45		2	62	6	235	18	48	62	212	68	447
05:00		6	66			27	42				
05:15		5	70			35	36				
05:30		9	65			39	41				
05:45		6	56	26	257	40	50	141	169	167	426
06:00		6	53			42	57				
06:15		8	52			45	51				
06:30		18	56			59	40				
06:45		24	61	56	222	51	29	197	177	253	399
07:00		30	60			55	45				
07:15		48	51			72	43				
07:30		46	38			58	37				
07:45		37	51	161	200	55	41	240	166	401	366
08:00		38	45			54	38				
08:15		50	50			61	36				
08:30		42	54			72	32				
08:45		41	40	171	189	78	34	265	140	436	329
09:00		38	36			59	30				
09:15		42	44			56	30				
09:30		25	33			45	17				
09:45		22	38	127	151	25	22	185	99	312	250
10:00		33	40			35	25				
10:15		28	33			36	21				
10:30		31	24			30	20				
10:45		38	23	130	120	33	15	134	81	264	201
11:00		35	23			53	17				
11:15		29	21			37	10				
11:30		30	20			36	12				
11:45		33	19	127	83	50	13	176	52	303	135
Total		897	2283	897	2283	1509	1901	1509	1901	2406	4184
Combined Total		3180		3180		3410		3410			6590
AM Peak Vol.	-	07:30	-	-	-	08:15	-	-	-	-	-
P.H.F.	-	171	-	-	-	270	-	-	-	-	-
PM Peak Vol.	-	0.855				0.865					
P.H.F.	-	292	-	-	-	258	-	-	-	-	-
Percentag e		28.2%	71.8%			44.3%	55.7%				
ADT/AADT		ADT 6,590		AADT 6,590							

# Counts Unlimited, Inc.

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City of Banning  
Hargrave Street  
B/ Ramsey Street - Wesley Street  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

BAN017  
Site Code: 067-17242

Start Time	02-May-17 Tue	Northbound		Hour Totals		Southbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		8	50			13	42				
12:15		5	36			6	41				
12:30		7	48			7	30				
12:45		8	48	28	182	7	40	33	153	61	335
01:00		6	41			3	30				
01:15		5	55			5	38				
01:30		1	53			7	33				
01:45		7	44	19	193	8	41	23	142	42	335
02:00		2	52			9	44				
02:15		3	41			0	46				
02:30		6	41			3	52				
02:45		7	86	18	220	4	55	16	197	34	417
03:00		4	63			2	49				
03:15		5	60			7	50				
03:30		10	60			4	58				
03:45		8	72	27	255	6	48	19	205	46	460
04:00		7	54			3	58				
04:15		3	71			6	52				
04:30		3	63			9	34				
04:45		6	65	19	253	9	74	27	218	46	471
05:00		15	49			6	41				
05:15		12	50			14	72				
05:30		21	37			39	50				
05:45		29	57	77	193	39	47	98	210	175	403
06:00		31	50			11	48				
06:15		59	42			36	43				
06:30		59	76			27	41				
06:45		56	62	205	230	59	41	133	173	338	403
07:00		41	41			48	30				
07:15		81	53			96	29				
07:30		49	36			54	31				
07:45		59	37	230	167	32	33	230	123	460	290
08:00		50	29			44	24				
08:15		56	37			30	27				
08:30		49	44			38	23				
08:45		34	19	189	129	28	21	140	95	329	224
09:00		30	11			48	15				
09:15		35	17			28	23				
09:30		25	28			42	17				
09:45		37	18	127	74	36	17	154	72	281	146
10:00		42	10			31	8				
10:15		36	11			38	14				
10:30		33	11			32	11				
10:45		36	14	147	46	42	10	143	43	290	89
11:00		43	11			38	12				
11:15		57	6			38	5				
11:30		49	3			44	11				
11:45		46	9	195	29	38	9	158	37	353	66
Total		1281	1971	1281	1971	1174	1668	1174	1668	2455	3639
Combined Total		3252		3252		2842		2842			6094
AM Peak Vol.	-	07:15	-	-	-	06:45	-	-	-	-	-
P.H.F.	-	239	-	-	-	257	-	-	-	-	-
PM Peak Vol.	-	0.738				0.669					
P.H.F.	-	-	02:45	-	-	-	04:45	-	-	-	-
	-	-	269	-	-	-	237	-	-	-	-
	-	-	0.782				0.801				
Percentage		39.4%	60.6%			41.3%	58.7%				
ADT/AADT		ADT 6,094		AADT 6,094							

# Counts Unlimited, Inc.

City of Banning  
Omar Street  
B/ Ramsey Street - Wilson Street  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

Page 1

BAN018  
Site Code: 067-17242

Start Time	04-May-17 Thu	Northbound		Hour Totals		Southbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		1	10			0	7				
12:15		1	9			0	4				
12:30		2	8			0	5				
12:45		1	4	5	31	0	5	0	21	5	52
01:00		0	7			1	3				
01:15		0	8			0	6				
01:30		0	2			0	3				
01:45		1	5	1	22	0	2	1	14	2	36
02:00		1	9			0	5				
02:15		1	5			0	9				
02:30		0	11			2	7				
02:45		1	5	3	30	0	8	2	29	5	59
03:00		0	12			1	6				
03:15		0	6			0	5				
03:30		0	8			0	8				
03:45		0	11	0	37	1	7	2	26	2	63
04:00		0	13			2	9				
04:15		1	9			2	4				
04:30		0	6			1	4				
04:45		0	14	1	42	0	7	5	24	6	66
05:00		1	9			0	8				
05:15		0	10			2	6				
05:30		1	12			2	6				
05:45		0	11	2	42	2	5	6	25	8	67
06:00		1	6			2	2				
06:15		2	6			9	6				
06:30		4	6			2	4				
06:45		3	8	10	26	11	5	24	17	34	43
07:00		3	5			3	8				
07:15		3	15			9	6				
07:30		9	8			14	3				
07:45		3	14	18	42	8	6	34	23	52	65
08:00		2	9			5	2				
08:15		5	3			4	4				
08:30		2	9			8	4				
08:45		4	6	13	27	11	3	28	13	41	40
09:00		11	8			5	0				
09:15		6	1			4	1				
09:30		7	2			10	3				
09:45		4	6	28	17	6	3	25	7	53	24
10:00		4	2			3	1				
10:15		3	3			5	3				
10:30		3	2			5	1				
10:45		8	3	18	10	8	0	21	5	39	15
11:00		3	0			2	2				
11:15		2	1			6	0				
11:30		9	1			4	1				
11:45		10	0	24	2	8	1	20	4	44	6
Total		123	328	123	328	168	208	168	208	291	536
Combined Total		451		451		376		376		827	
AM Peak Vol.	-	08:45	-	-	-	06:45	-	-	-	-	-
P.H.F.	-	28	-	-	-	37	-	-	-	-	-
PM Peak Vol.	-	0.636				0.661					
P.H.F.	-	-	07:15	-	-	-	02:15	-	-	-	-
	-	-	46	-	-	-	30	-	-	-	-
	-	-	0.767				0.833				
Percentage		27.3%	72.7%			44.7%	55.3%				
ADT/AADT		ADT 827		AADT 827							

# Counts Unlimited, Inc.

City of Banning  
Alessandro Road  
B/ Repplier Street - Wilson Street  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

Page 1

BAN019  
Site Code: 067-17242

Start Time	04-May-17 Thu	Northbound		Hour Totals		Southbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		2	11			0	11				
12:15		2	13			4	11				
12:30		3	14			4	13				
12:45		0	14	7	52	0	8	8	43	15	95
01:00		1	17			0	10				
01:15		2	12			0	10				
01:30		2	21			0	15				
01:45		1	13	6	63	2	27	2	62	8	125
02:00		2	19			4	14				
02:15		0	13			0	13				
02:30		0	11			1	7				
02:45		1	12	3	55	3	19	8	53	11	108
03:00		2	18			2	23				
03:15		1	23			0	18				
03:30		0	22			2	12				
03:45		1	23	4	86	2	14	6	67	10	153
04:00		0	23			2	18				
04:15		1	22			0	14				
04:30		1	16			4	4				
04:45		0	13	2	74	1	7	7	43	9	117
05:00		0	11			8	14				
05:15		0	20			6	13				
05:30		1	25			7	9				
05:45		1	21	2	77	10	22	31	58	33	135
06:00		3	22			7	20				
06:15		2	22			9	9				
06:30		5	13			11	17				
06:45		3	14	13	71	12	10	39	56	52	127
07:00		2	18			21	6				
07:15		8	11			43	8				
07:30		25	13			36	5				
07:45		25	4	60	46	16	19	116	38	176	84
08:00		3	17			15	8				
08:15		3	16			16	11				
08:30		10	12			19	6				
08:45		10	13	26	58	22	7	72	32	98	90
09:00		16	10			18	8				
09:15		4	14			12	12				
09:30		11	8			18	7				
09:45		5	9	36	41	12	8	60	35	96	76
10:00		11	12			14	4				
10:15		9	13			13	1				
10:30		13	6			8	3				
10:45		8	7	41	38	10	3	45	11	86	49
11:00		11	4			14	5				
11:15		7	9			21	4				
11:30		11	7			15	2				
11:45		11	4	40	24	5	0	55	11	95	35
Total Combined Total		240	685	240	685	449	509	449	509	689	1194
AM Peak Vol.	-	07:15	-	-	-	07:00	-	-	-	-	-
P.H.F.	-	61	-	-	-	116	-	-	-	-	-
PM Peak Vol.	-	0.610	-	-	-	0.674	-	-	-	-	-
		03:15	-	-	-	02:45	-	-	-	-	-
		91	-	-	-	72	-	-	-	-	-
		0.989	-	-	-	0.667	-	-	-	-	-
Percentag e		25.9%	74.1%			46.9%	53.1%				
ADT/AADT		ADT 1,883		AADT 1,883							

# Counts Unlimited, Inc.

City of Banning  
Alessandro Road  
B/ Ramsey Street - Wilson Street  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

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BAN020  
Site Code: 067-17242

Start Time	04-May-17 Thu	Northbound		Hour Totals		Southbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		3	23			2	10				
12:15		1	13			3	14				
12:30		5	29			3	16				
12:45		1	13	10	78	2	17	10	57	20	135
01:00		2	22			0	14				
01:15		3	16			1	22				
01:30		1	14			1	25				
01:45		0	34	6	86	0	46	2	107	8	193
02:00		0	12			3	21				
02:15		0	26			0	24				
02:30		1	15			1	12				
02:45		1	19	2	72	0	18	4	75	6	147
03:00		1	25			3	18				
03:15		1	30			0	23				
03:30		0	17			1	16				
03:45		1	19	3	91	2	24	6	81	9	172
04:00		0	29			2	12				
04:15		2	22			3	18				
04:30		0	19			1	11				
04:45		0	13	2	83	5	10	11	51	13	134
05:00		0	25			9	9				
05:15		1	19			7	5				
05:30		4	20			6	13				
05:45		1	22	6	86	8	10	30	37	36	123
06:00		3	21			4	18				
06:15		3	12			10	14				
06:30		4	14			11	8				
06:45		7	15	17	62	11	13	36	53	53	115
07:00	15	12				42	8				
07:15	26	14				74	8				
07:30	44	11				79	12				
07:45	12	6		97	43	16	11	211	39	308	82
08:00	8	17				10	6				
08:15	10	12				23	7				
08:30	19	10				19	5				
08:45	22	11		59	50	20	9	72	27	131	77
09:00	8	9				16	15				
09:15	9	12				12	6				
09:30	7	9				21	4				
09:45	10	10		34	40	18	4	67	29	101	69
10:00	18	11				20	4				
10:15	10	9				13	5				
10:30	11	9				10	3				
10:45	11	8		50	37	5	5	48	17	98	54
11:00	7	4				20	5				
11:15	14	6				11	3				
11:30	10	1				16	4				
11:45	12	6		43	17	15	3	62	15	105	32
Total		329	745	329	745	559	588	559	588	888	1333
Combined Total		1074		1074		1147		1147		2221	
AM Peak Vol.	-	07:00	-	-	-	07:00	-	-	-	-	-
P.H.F.	-	97	-	-	-	211	-	-	-	-	-
PM Peak Vol.	-	0.551				0.668					
P.H.F.	-	-	03:15	-	-	-	01:30	-	-	-	-
	-	-	95	-	-	-	116	-	-	-	-
	-	-	0.792				0.630				
Percentage		30.6%	69.4%			48.7%	51.3%				
ADT/AADT		ADT 2,221		AADT 2,221							

# Counts Unlimited, Inc.

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City of Banning  
Lincoln Street  
B/ Sunset Avenue - 22nd Street  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

BAN021  
Site Code: 067-17242

Start Time	27-Apr-17 Thu	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		0	13			1	9				
12:15		1	17			2	7				
12:30		2	20			1	19				
12:45		0	19	3	69	0	19	4	54	7	123
01:00		0	21			0	11				
01:15		0	7			0	13				
01:30		0	20			0	17				
01:45		0	12	0	60	0	18	0	59	0	119
02:00		3	15			1	9				
02:15		1	14			3	16				
02:30		2	25			1	20				
02:45		0	24	6	78	0	18	5	63	11	141
03:00		1	18			0	20				
03:15		4	31			0	13				
03:30		0	15			0	25				
03:45		0	12	5	76	2	24	2	82	7	158
04:00		3	20			0	17				
04:15		2	17			0	16				
04:30		0	18			0	18				
04:45		2	19	7	74	0	18	0	69	7	143
05:00		0	18			7	16				
05:15		5	23			3	20				
05:30		8	17			5	14				
05:45		8	12	21	70	1	14	16	64	37	134
06:00		2	13			7	18				
06:15		9	14			9	14				
06:30		6	12			4	14				
06:45		9	17	26	56	3	11	23	57	49	113
07:00		13	15			7	8				
07:15		13	11			13	10				
07:30		11	6			11	8				
07:45		15	11	52	43	7	6	38	32	90	75
08:00		10	14			15	6				
08:15		18	10			18	12				
08:30		14	6			13	7				
08:45		12	6	54	36	10	9	56	34	110	70
09:00		7	6			8	7				
09:15		6	6			8	3				
09:30		5	8			7	6				
09:45		17	3	35	23	7	4	30	20	65	43
10:00		12	6			10	6				
10:15		22	6			16	1				
10:30		12	2			11	6				
10:45		12	2	58	16	10	2	47	15	105	31
11:00		14	0			15	1				
11:15		14	4			16	1				
11:30		11	2			13	2				
11:45		14	1	53	7	24	2	68	6	121	13
Total		320	608	320	608	289	555	289	555	609	1163
Combined Total		928		928		844		844		1772	
AM Peak Vol.	-	09:45	-	-	-	11:00	-	-	-	-	-
P.H.F.	-	63	-	-	-	68	-	-	-	-	-
PM Peak Vol.	-	-	02:30	-	-	-	03:00	-	-	-	-
P.H.F.	-	-	98	-	-	-	82	-	-	-	-
Percentag e		34.5%	65.5%			34.2%	65.8%				
ADT/AADT		ADT 1,772		AADT 1,772							

# Counts Unlimited, Inc.

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City of Banning  
Lincoln Street  
B/ 22nd Street - 8th Street  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

BAN022  
Site Code: 067-17242

Start Time	27-Apr-17 Thu	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		0	15			4	10				
12:15		2	14			0	10				
12:30		1	19			1	19				
12:45		0	14	3	62	0	18	5	57	8	119
01:00		0	15			0	7				
01:15		0	10			0	19				
01:30		2	13			0	21				
01:45		1	13	3	51	0	15	0	62	3	113
02:00		1	9			1	10				
02:15		0	7			1	18				
02:30		1	20			1	16				
02:45		0	18	2	54	0	16	3	60	5	114
03:00		0	9			0	17				
03:15		0	23			0	26				
03:30		1	12			0	23				
03:45		0	13	1	57	0	26	0	92	1	149
04:00		1	12			1	18				
04:15		2	21			1	12				
04:30		3	10			2	21				
04:45		1	10	7	53	0	19	4	70	11	123
05:00		0	15			4	14	4	70	34	112
05:15		2	14			4	14				
05:30		8	12			8	12				
05:45		5	16	15	57	3	15	19	55		
06:00		6	12			3	17				
06:15		8	7			8	7				
06:30		7	10			4	10				
06:45		9	8	30	37	10	12	25	46	55	83
07:00		20	16			11	9				
07:15		11	10			16	15				
07:30		11	6			12	9				
07:45		12	5	54	37	9	5	48	38	102	75
08:00		11	9			11	7				
08:15		14	3			15	7				
08:30		13	4			8	7				
08:45		11	4	49	20	16	4	50	25	99	45
09:00		6	7			15	6				
09:15		7	4			8	11				
09:30		10	7			10	8				
09:45		10	1	33	19	9	6	42	31	75	50
10:00		11	1			11	4				
10:15		14	6			9	4				
10:30		20	1			11	4				
10:45		15	1	60	9	14	0	45	12	105	21
11:00		11	1			15	1				
11:15		10	3			17	7				
11:30		17	2			12	2				
11:45		17	1	55	7	22	0	66	10	121	17
Total		312	463	312	463	307	558	307	558	619	1021
Combined Total		775		775		865		865		1640	
AM Peak Vol.	-	10:00	-	-	-	11:00	-	-	-	-	-
P.H.F.	-	60	-	-	-	66	-	-	-	-	-
PM Peak Vol.	-	0.750				0.750					
P.H.F.	-	02:30	-	-	-	03:15	-	-	-	-	-
Percentag e		40.3%	59.7%			35.5%	64.5%				
ADT/AADT		ADT 1,640		AADT 1,640							

# Counts Unlimited, Inc.

City of Banning  
Lincoln Street  
B/ 8th Street - San Gorgonio Avenue  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

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BAN023  
Site Code: 067-17242

Start Time	27-Apr-17 Thu	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		7	44			6	55				
12:15		1	51			5	36				
12:30		8	61			3	44				
12:45		4	69	20	225	5	57	19	192	39	417
01:00		3	48			1	71				
01:15		4	49			1	35				
01:30		1	46			0	39				
01:45		6	55	14	198	0	70	2	215	16	413
02:00		2	45			1	64				
02:15		1	53			2	43				
02:30		4	52			4	68				
02:45		6	56	13	206	4	42	11	217	24	423
03:00		8	64			6	51				
03:15		1	63			2	52				
03:30		5	72			1	94				
03:45		7	57	21	256	4	63	13	260	34	516
04:00		2	62			8	58				
04:15		5	50			6	63				
04:30		7	62			6	75				
04:45		10	51	24	225	9	48	29	244	53	469
05:00		14	47			11	48				
05:15		18	70			16	38				
05:30		38	55			13	37				
05:45		59	51	129	223	15	37	55	160	184	383
06:00		38	54			20	37				
06:15		39	41			25	53				
06:30		41	47			47	46				
06:45		38	48	156	190	27	32	119	168	275	358
07:00		43	35			34	35				
07:15		45	45			38	18				
07:30		44	43			65	19				
07:45		40	36	172	159	38	24	175	96	347	255
08:00		28	37			43	30				
08:15		40	33			50	26				
08:30		33	25			37	32				
08:45		41	22	142	117	40	10	170	98	312	215
09:00		38	20			40	20				
09:15		38	28			46	8				
09:30		28	23			37	25				
09:45		36	20	140	91	33	13	156	66	296	157
10:00		50	19			48	13				
10:15		34	19			55	16				
10:30		38	16			55	10				
10:45		52	9	174	63	40	9	198	48	372	111
11:00		38	17			61	5				
11:15		52	10			40	6				
11:30		34	9			42	6				
11:45		50	7	174	43	39	2	182	19	356	62
Total Combined Total		1179	1996	1179	1996	1129	1783	1129	1783	2308	3779
AM Peak Vol.	-	10:30	-	-	-	10:15	-	-	-	-	-
P.H.F.	-	180	-	-	-	211	-	-	-	-	-
PM Peak Vol.	-	0.865	-	-	-	0.865	-	-	-	-	-
PM Peak Vol.	-	03:00	-	-	-	-	03:30	-	-	-	-
P.H.F.	-	256	-	-	-	-	278	-	-	-	-
P.H.F.	-	0.889	-	-	-	-	0.739	-	-	-	-
Percentage		37.1%	62.9%			38.8%	61.2%				
ADT/AADT		ADT 6,087		AADT 6,087							

# Counts Unlimited, Inc.

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City of Banning  
Lincoln Street  
B/ San Gorgonio Avenue - Hathaway Street  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

BAN024  
Site Code: 067-17242

Start Time	27-Apr-17 Thu	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		0	38			2	27				
12:15		2	34			4	18				
12:30		3	31			3	23				
12:45		4	21	9	124	0	13	9	81	18	205
01:00		1	26			2	21				
01:15		2	31			0	22				
01:30		4	30			0	19				
01:45		3	26	10	113	3	23	5	85	15	198
02:00		0	27			1	19				
02:15		1	28			2	20				
02:30		1	27			0	23				
02:45		1	21	3	103	0	21	3	83	6	186
03:00		2	24			1	25				
03:15		1	21			1	18				
03:30		3	35			1	39				
03:45		2	25	8	105	0	27	3	109	11	214
04:00		2	25			1	15				
04:15		3	29			1	26				
04:30		9	21			1	21				
04:45		10	23	24	98	2	32	5	94	29	192
05:00		14	31			1	25				
05:15		7	35			1	15				
05:30		36	38			5	13				
05:45		37	26	94	130	12	18	19	71	113	201
06:00		17	30			7	19				
06:15		27	26			8	19				
06:30		20	8			14	15				
06:45		40	15	104	79	18	9	47	62	151	141
07:00		18	18			8	12				
07:15		20	19			8	13				
07:30		20	14			17	15				
07:45		19	16	77	67	12	10	45	50	122	117
08:00		21	18			12	7				
08:15		21	16			13	26				
08:30		20	10			16	9				
08:45		30	13	92	57	13	5	54	47	146	104
09:00		15	12			19	6				
09:15		21	6			7	5				
09:30		22	18			21	6				
09:45		19	11	77	47	20	4	67	21	144	68
10:00		22	6			12	7				
10:15		17	7			20	5				
10:30		27	3			20	8				
10:45		18	8	84	24	20	2	72	22	156	46
11:00		21	7			20	4				
11:15		33	7			8	2				
11:30		23	3			27	1				
11:45		33	3	110	20	31	1	86	8	196	28
Total		692	967	692	967	415	733	415	733	1107	1700
Combined Total		1659		1659		1148		1148		2807	
AM Peak Vol.	-	05:30	-	-	-	11:00	-	-	-	-	-
P.H.F.	-	117	-	-	-	86	-	-	-	-	-
PM Peak Vol.	-	0.791				0.694					
P.H.F.	-	-	05:00	-	-	-	03:00	-	-	-	-
	-	-	130	-	-	-	109	-	-	-	-
	-	-	0.855				0.699				
Percentage		41.7%	58.3%			36.1%	63.9%				
ADT/AADT		ADT 2,807		AADT 2,807							

# Counts Unlimited, Inc.

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City of Banning  
Ramsey Street  
B/ Highland Springs Avenue - Highland Home Road  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

BAN025  
Site Code: 067-17242

Start Time	27-Apr-17 Thu	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		14	111			4	118				
12:15		12	91			6	115				
12:30		2	107			3	101				
12:45		5	104	33	413	4	115	17	449	50	862
01:00		2	91			4	111				
01:15		1	101			1	109				
01:30		5	96			2	118				
01:45		0	100	8	388	3	133	10	471	18	859
02:00		6	101			4	125				
02:15		3	104			4	114				
02:30		3	116			4	122				
02:45		7	116	19	437	7	119	19	480	38	917
03:00		6	120			0	113				
03:15		2	125			4	121				
03:30		5	119			3	116				
03:45		5	116	18	480	5	115	12	465	30	945
04:00		3	119			10	108				
04:15		1	98			6	115				
04:30		2	112			8	108				
04:45		5	110	11	439	17	88	41	419	52	858
05:00		6	118			4	127				
05:15		8	104			12	95				
05:30		7	101			12	98				
05:45		8	81	29	404	18	101	46	421	75	825
06:00		15	93			19	80				
06:15		14	80			26	103				
06:30		27	99			27	79				
06:45		44	79	100	351	52	67	124	329	224	680
07:00		52	75			40	55				
07:15		49	65			43	64				
07:30		54	66			72	59				
07:45		85	48	240	254	74	46	229	224	469	478
08:00		53	44			82	63				
08:15		66	44			58	46				
08:30		69	63			96	49				
08:45		81	53	269	204	95	36	331	194	600	398
09:00		88	48			87	31				
09:15		87	36			107	35				
09:30		85	41			105	28				
09:45		103	40	363	165	113	18	412	112	775	277
10:00		93	29			108	34				
10:15		87	29			111	21				
10:30		95	19			113	18				
10:45		84	12	359	89	111	18	443	91	802	180
11:00		93	29			124	16				
11:15		104	14			115	8				
11:30		87	11			94	13				
11:45		101	9	385	63	109	7	442	44	827	107
Total		1834	3687	1834	3687	2126	3699	2126	3699	3960	7386
Combined Total		5521		5521		5825		5825		11346	
AM Peak Vol.	-	11:00	-	-	-	10:30	-	-	-	-	-
P.H.F.	-	385	-	-	-	463	-	-	-	-	-
PM Peak Vol.	-	0.925				0.933					
P.H.F.	-	02:45	-	-	-	01:45	-	-	-	-	-
Percentag e		33.2%	66.8%			36.5%	63.5%				
ADT/AADT		ADT 11,346		AADT 11,346							

# Counts Unlimited, Inc.

City of Banning  
Ramsey Street  
B/ Highland Home Road - Sunset Avenue  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

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BAN026  
Site Code: 067-17242

Start Time	27-Apr-17 Thu	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		8	112			1	118				
12:15		6	91			4	110				
12:30		3	77			6	97				
12:45		8	97	25	377	5	104	16	429	41	806
01:00		11	95			4	109				
01:15		6	91			1	106				
01:30		3	101			2	108				
01:45		4	81	24	368	5	124	12	447	36	815
02:00		3	93			4	134				
02:15		3	86			4	111				
02:30		3	101			6	119				
02:45		4	117	13	397	6	111	20	475	33	872
03:00		4	97			1	96				
03:15		2	97			2	113				
03:30		0	102			1	107				
03:45		5	124	11	420	4	119	8	435	19	855
04:00		3	114			10	118				
04:15		1	96			4	106				
04:30		7	97			7	103				
04:45		7	84	18	391	13	88	34	415	52	806
05:00		6	114			2	106				
05:15		9	103			9	95				
05:30		14	82			11	96				
05:45		10	69	39	368	9	81	31	378	70	746
06:00		17	82			17	80				
06:15		20	71			18	93				
06:30		16	74			17	76				
06:45		42	75	95	302	45	68	97	317	192	619
07:00		43	71			33	59				
07:15		50	66			27	64				
07:30		46	59			65	58				
07:45		54	74	193	270	60	57	185	238	378	508
08:00		72	54			70	63				
08:15		56	60			49	37				
08:30		68	61			83	46				
08:45		84	33	280	208	87	38	289	184	569	392
09:00		75	47			88	37				
09:15		87	41			90	33				
09:30		87	33			113	28				
09:45		92	34	341	155	99	22	390	120	731	275
10:00		94	23			96	35				
10:15		92	20			104	15				
10:30		109	25			108	19				
10:45		114	15	409	83	112	21	420	90	829	173
11:00		105	16			99	13				
11:15		98	14			108	10				
11:30		88	11			89	12				
11:45		87	22	378	63	105	7	401	42	779	105
Total		1826	3402	1826	3402	1903	3570	1903	3570	3729	6972
Combined Total		5228		5228		5473		5473		10701	
AM Peak Vol.	-	10:30	-	-	-	10:30	-	-	-	-	-
P.H.F.	-	426	-	-	-	427	-	-	-	-	-
PM Peak Vol.	-	0.934	-	-	-	0.953	-	-	-	-	-
P.H.F.	-	03:15	-	-	-	01:45	-	-	-	-	-
Percentag e		34.9%	65.1%			34.8%	65.2%				
ADT/AADT		ADT 10,701		AADT 10,701							

# Counts Unlimited, Inc.

City of Banning  
Ramsey Street  
B/ Sunset Avenue - 22nd Street  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

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BAN027  
Site Code: 067-17242

Start Time	27-Apr-17 Thu	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		5	99			1	113				
12:15		8	82			4	113				
12:30		7	92			7	98				
12:45		4	84	24	357	3	110	15	434	39	791
01:00		3	91			4	95				
01:15		4	84			2	91				
01:30		6	85			4	99				
01:45		1	79	14	339	1	112	11	397	25	736
02:00		5	87			2	104				
02:15		5	88			4	91				
02:30		21	85			1	102				
02:45		15	84	46	344	5	104	12	401	58	745
03:00		5	80			2	95				
03:15		3	74			1	108				
03:30		8	82			3	91				
03:45		11	82	27	318	2	106	8	400	35	718
04:00		0	77			3	107				
04:15		1	76			1	84				
04:30		9	60			6	80				
04:45		9	82	19	295	11	81	21	352	40	647
05:00		9	82			9	94				
05:15		12	73			6	94				
05:30		5	86			10	83				
05:45		18	77	44	318	11	62	36	333	80	651
06:00		19	64			12	75				
06:15		24	48			15	74				
06:30		30	61			15	68				
06:45		34	69	107	242	29	77	71	294	178	536
07:00		46	61			23	48				
07:15		56	45			35	77				
07:30		56	48			46	42				
07:45		73	39	231	193	47	45	151	212	382	405
08:00		58	35			59	58				
08:15		64	39			61	52				
08:30		74	51			68	49				
08:45		78	50	274	175	70	32	258	191	532	366
09:00		72	34			81	25				
09:15		67	35			86	27				
09:30		58	26			80	21				
09:45		83	20	280	115	78	23	325	96	605	211
10:00		85	16			85	32				
10:15		82	23			93	15				
10:30		88	19			89	20				
10:45		94	13	349	71	81	13	348	80	697	151
11:00		69	14			84	10				
11:15		95	8			72	13				
11:30		78	8			86	13				
11:45		96	6	338	36	110	7	352	43	690	79
Total		1753	2803	1753	2803	1608	3233	1608	3233	3361	6036
Combined Total		4556		4556		4841		4841		9397	
AM Peak Vol.	-	10:00	-	-	-	11:00	-	-	-	-	-
P.H.F.	-	349	-	-	-	352	-	-	-	-	-
PM Peak Vol.	-	0.928				0.800					
P.H.F.	-	-	12:00	-	-	-	12:00	-	-	-	-
	-	-	357	-	-	-	-	434	-	-	-
	-	-	0.902					0.960			
Percentage		38.5%	61.5%			33.2%	66.8%				
ADT/AADT		ADT 9,397		AADT 9,397							

# Counts Unlimited, Inc.

City of Banning  
Ramsey Street  
B/ 22nd Street - 8th Street  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

Page 1

BAN028  
Site Code: 067-17242

Start Time	27-Apr-17 Thu	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		9	<b>137</b>			5	160				
12:15		13	<b>138</b>			5	149				
12:30		11	<b>132</b>			10	121				
12:45		8	<b>149</b>	41	556	5	128	25	558	66	1114
01:00		7	131			4	139				
01:15		5	129			4	129				
01:30		3	123			3	136				
01:45		5	118	20	501	2	126	13	530	33	1031
02:00		6	143			7	126				
02:15		6	135			2	121				
02:30		3	131			10	<b>139</b>				
02:45		7	118	22	527	12	<b>138</b>	31	524	53	1051
03:00		8	130			4	<b>143</b>				
03:15		5	120			3	<b>142</b>				
03:30		4	130			2	127				
03:45		10	132	27	512	6	132	15	544	42	1056
04:00		3	126			5	134				
04:15		8	118			8	117				
04:30		6	98			9	117				
04:45		10	107	27	449	13	121	35	489	62	938
05:00		8	118			17	129				
05:15		15	109			14	128				
05:30		12	111			24	115				
05:45		16	99	51	437	22	90	77	462	128	899
06:00		27	91			22	96				
06:15		29	92			27	94				
06:30		33	110			21	102				
06:45		39	105	128	398	39	75	109	367	237	765
07:00		57	106			41	79				
07:15		102	92			49	95				
07:30		67	80			69	68				
07:45		90	76	316	354	66	64	225	306	541	660
08:00		87	73			80	70				
08:15		76	85			80	66				
08:30		101	82			89	70				
08:45		101	74	365	314	99	49	348	255	713	569
09:00		85	58			109	52				
09:15		96	71			101	44				
09:30		66	53			102	37				
09:45		109	37	356	219	107	30	419	163	775	382
10:00		99	42			107	43				
10:15		99	51			128	24				
10:30		90	33			108	25				
10:45		111	19	399	145	117	20	460	112	859	257
11:00		<b>93</b>	31			<b>126</b>	21				
11:15		<b>122</b>	26			<b>109</b>	25				
11:30		<b>104</b>	22			<b>136</b>	16				
11:45		<b>145</b>	22	464	101	<b>153</b>	7	524	69	988	170
Total		2216	4513	2216	4513	2281	4379	2281	4379	4497	8892
Combined Total		6729		6729		6660		6660		13389	
AM Peak Vol.	-	11:00	-	-	-	11:00	-	-	-	-	-
P.H.F.	-	464	-	-	-	524	-	-	-	-	-
PM Peak Vol.	-	0.800				0.856					
P.H.F.	-	-	12:00	-	-	-	02:30	-	-	-	-
	-	-	556	-	-	-	562	-	-	-	-
	-	-	0.933				0.943				
Percentage		32.9%	67.1%			34.2%	65.8%				
ADT/AADT		ADT 13,389		AADT 13,389							

# Counts Unlimited, Inc.

City of Banning  
Ramsey Street  
B/ 8th Street - Hargrave Street  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

Page 1

BAN029  
Site Code: 067-17242

Start Time	27-Apr-17 Thu	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		9	<b>168</b>			4	99				
12:15		10	<b>175</b>			6	42				
12:30		4	<b>163</b>			10	54				
12:45		3	<b>180</b>	26	686	7	51	27	246	53	932
01:00		2	120			2	69				
01:15		4	104			3	93				
01:30		1	87			3	86				
01:45		6	87	13	398	2	99	10	347	23	745
02:00		4	82			3	87				
02:15		3	81			1	89				
02:30		2	92			4	105				
02:45		2	91	11	346	2	81	10	362	21	708
03:00		4	97			3	87				
03:15		3	95			2	<b>124</b>				
03:30		2	85			5	<b>116</b>				
03:45		7	86	16	363	1	<b>99</b>	11	426	27	789
04:00		0	86			2	<b>94</b>				
04:15		2	74			6	73				
04:30		7	81			8	81				
04:45		7	58	16	299	6	73	22	321	38	620
05:00		9	81			7	92	22	321	38	620
05:15		9	85			12	73				
05:30		8	78			9	83				
05:45		10	68	36	312	18	62	46	310	82	622
06:00		15	63			7	77				
06:15		20	75			17	77				
06:30		32	86			22	52				
06:45		29	74	96	298	30	44	76	250	172	548
07:00		62	68			25	57				
07:15		91	63			44	53				
07:30		61	45			52	55				
07:45		78	51	292	227	43	40	164	205	456	432
08:00		57	49			30	35				
08:15		75	41			57	52				
08:30		91	46			64	44				
08:45		91	37	314	173	72	23	223	154	537	327
09:00		59	35			77	33				
09:15		72	31			55	22				
09:30		47	31			76	22				
09:45		56	27	234	124	74	21	282	98	516	222
10:00		70	32			93	33				
10:15		60	23			90	21				
10:30		64	26			60	18				
10:45		68	18	262	99	63	15	306	87	568	186
11:00		<b>77</b>	18			<b>85</b>	12				
11:15		91	12			80	18				
11:30		64	8			99	4				
11:45		<b>104</b>	16	336	54	<b>91</b>	5	355	39	691	93
Total		1652	3379	1652	3379	1532	2845	1532	2845	3184	6224
Combined Total		5031		5031		4377		4377		9408	
AM Peak Vol.	-	11:00	-	-	-	11:00	-	-	-	-	-
P.H.F.	-	336	-	-	-	355	-	-	-	-	-
PM Peak Vol.	-	0.808	-	-	-	0.896	-	-	-	-	-
P.H.F.	-	-	12:00	-	-	-	03:15	-	-	-	-
Percentag e		32.8%	67.2%			35.0%	65.0%				
ADT/AADT		ADT 9,408		AADT 9,408							

# Counts Unlimited, Inc.

City of Banning  
Ramsey Street  
B/ Hargrave Street - Interstate 10  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

Page 1

BAN030  
Site Code: 067-17242

Start Time	27-Apr-17 Thu	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		0	20			8	24				
12:15		2	38			4	33				
12:30		2	36			3	43				
12:45		2	32	6	126	2	47	17	147	23	273
01:00		2	26			3	38				
01:15		4	29			2	45				
01:30		2	31			4	35				
01:45		3	28	11	114	1	40	10	158	21	272
02:00		1	36			4	38				
02:15		3	31			3	42				
02:30		0	19			0	45				
02:45		2	34	6	120	4	47	11	172	17	292
03:00		2	27			4	70				
03:15		1	37			4	53				
03:30		1	45			6	65				
03:45		7	32	11	141	6	53	20	241	31	382
04:00		2	31			3	53				
04:15		3	27			5	49				
04:30		7	30			8	45				
04:45		2	36	14	124	2	46	18	193	32	317
05:00		3	29			5	81				
05:15		9	40			6	40				
05:30		8	21			13	59				
05:45		10	43	30	133	7	34	31	214	61	347
06:00		10	27			14	35				
06:15		15	27			11	38				
06:30		16	25			18	27				
06:45		24	27	65	106	10	25	53	125	118	231
07:00		25	21			22	21				
07:15		11	19			28	15				
07:30		38	12			27	23				
07:45		45	5	119	57	37	19	114	78	233	135
08:00		21	15			35	22				
08:15		38	22			35	17				
08:30		32	20			36	34				
08:45		22	19	113	76	43	26	149	99	262	175
09:00		28	16			15	21				
09:15		15	8			30	26				
09:30		29	10			40	17				
09:45		26	10	98	44	29	10	114	74	212	118
10:00		36	12			28	20				
10:15		18	11			29	7				
10:30		29	8			32	10				
10:45		24	9	107	40	34	9	123	46	230	86
11:00		21	6			36	13				
11:15		32	2			43	10				
11:30		22	5			41	1				
11:45		28	3	103	16	32	7	152	31	255	47
Total		683	1097	683	1097	812	1578	812	1578	1495	2675
Combined Total		1780		1780		2390		2390		4170	
AM Peak Vol.	-	07:30	-	-	-	10:45	-	-	-	-	-
P.H.F.	-	142	-	-	-	154	-	-	-	-	-
PM Peak Vol.	-	0.789				0.895					
PM Peak Vol.	-	-	03:15	-	-	-	03:00	-	-	-	-
P.H.F.	-	-	145	-	-	-	241	-	-	-	-
P.H.F.			0.806				0.861				
Percentage		38.4%	61.6%			34.0%	66.0%				
ADT/AADT		ADT 4,170		AADT 4,170							

# Counts Unlimited, Inc.

City of Banning  
Nicole Street  
B/ Sunset Avenue - 22nd Street  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

Page 1

BAN031  
Site Code: 067-17242

Start Time	02-May-17 Tue	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		0	11			1	9				
12:15		1	11			0	14				
12:30		0	10			0	8				
12:45		0	11	1	43	1	15	2	46	3	89
01:00		1	8			1	18				
01:15		0	6			0	13				
01:30		0	5			2	9				
01:45		1	10	2	29	0	13	3	53	5	82
02:00		0	15			1	19				
02:15		0	16			1	11				
02:30		0	13			1	16				
02:45		0	26	0	70	0	9	3	55	3	125
03:00		1	15			2	19				
03:15		0	5			0	23				
03:30		0	15			1	18				
03:45		1	17	2	52	0	23	3	83	5	135
04:00		0	15			0	11				
04:15		0	12			0	15				
04:30		0	14			2	11				
04:45		1	14	1	55	4	13	6	50	7	105
05:00		0	15			4	10				
05:15		0	12			3	19				
05:30		2	19			7	16				
05:45		3	17	5	63	7	11	21	56	26	119
06:00		4	9			3	14				
06:15		2	18			9	19				
06:30		2	10			3	5				
06:45		4	11	12	48	10	13	25	51	37	99
07:00		6	6			7	12				
07:15		3	11			13	10				
07:30		3	11			5	13				
07:45		5	8	17	36	15	6	40	41	57	77
08:00		12	12			13	17				
08:15		13	11			19	5				
08:30		19	5			24	6				
08:45		18	7	62	35	27	12	83	40	145	75
09:00		8	7			10	4				
09:15		13	4			11	6				
09:30		10	4			16	5				
09:45		10	4	41	19	8	6	45	21	86	40
10:00		3	5			16	1				
10:15		10	3			8	3				
10:30		9	4			10	5				
10:45		13	3	35	15	14	1	48	10	83	25
11:00		6	5			8	1				
11:15		10	0			7	5				
11:30		4	0			16	1				
11:45		7	1	27	6	11	0	42	7	69	13
Total		205	471	205	471	321	513	321	513	526	984
Combined Total		676		676		834		834		1510	
AM Peak Vol.	-	08:00	-	-	-	08:00	-	-	-	-	-
P.H.F.	-	62	-	-	-	83	-	-	-	-	-
PM Peak Vol.	-	0.816				0.769					
P.H.F.	-	02:00	-	-	-	03:00	-	-	-	-	-
Percentag e		30.3%	69.7%			38.5%	61.5%				
ADT/AADT		ADT 1,510		AADT 1,510							

# Counts Unlimited, Inc.

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City of Banning  
Nicolet Street  
B/ 22nd Street - 4th Street  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

BAN032  
Site Code: 067-17242

Start Time	02-May-17 Tue	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		2	10			0	9				
12:15		2	14			1	14				
12:30		2	12			2	8				
12:45		1	13	7	49	0	7	3	38	10	87
01:00		1	8			2	5				
01:15		1	6			0	7				
01:30		1	21			0	6				
01:45		0	16	3	51	0	21	2	39	5	90
02:00		1	8			1	13				
02:15		0	9			0	12				
02:30		0	10			0	18				
02:45		0	14	1	41	0	24	1	67	2	108
03:00		0	23			0	29				
03:15		0	30			0	20				
03:30		1	17			2	8				
03:45		1	24	2	94	0	8	2	65	4	159
04:00		0	9			2	12				
04:15		0	13			0	10				
04:30		0	4			1	9				
04:45		0	16	0	42	1	11	4	42	4	84
05:00		2	7			1	9				
05:15		1	10			1	14				
05:30		2	13			3	7				
05:45		4	19	9	49	3	11	8	41	17	90
06:00		3	19			2	7				
06:15		2	6			1	10				
06:30		3	14			8	6				
06:45		4	9	12	48	7	13	18	36	30	84
07:00		11	8			8	7				
07:15		18	7			17	10				
07:30		17	16			23	8				
07:45		8	7	54	38	12	16	60	41	114	79
08:00		14	2			16	9				
08:15		23	6			30	5				
08:30		32	6			20	8				
08:45		21	5	90	19	28	5	94	27	184	46
09:00		9	12			18	2				
09:15		12	2			10	3				
09:30		10	9			7	7				
09:45		8	1	39	24	10	7	45	19	84	43
10:00		6	2			3	4				
10:15		9	1			11	0				
10:30		8	2			6	4				
10:45		8	2	31	7	7	1	27	9	58	16
11:00		13	1			3	1				
11:15		12	2			4	0				
11:30		8	3			11	1				
11:45		6	1	39	7	8	0	26	2	65	9
Total Combined Total		287	469	287	469	290	426	290	426	577	895
AM Peak Vol.	-	08:00	-	-	-	08:15	-	-	-	-	-
P.H.F.	-	90	-	-	-	96	-	-	-	-	-
PM Peak Vol.	-	0.703				0.800					
	-	-	03:00	-	-	-	02:30	-	-	-	-
	-	-	94	-	-	-	-	91	-	-	-
	-	-	0.783				0.784				
Percentage		38.0%	62.0%			40.5%	59.5%				
ADT/AADT		ADT 1,472		AADT 1,472							

# Counts Unlimited, Inc.

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City of Banning  
Nicolet Street  
B/ 4th Street - Hargrave Street  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

BAN033  
Site Code: 067-17242

Start Time	02-May-17 Tue	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		2	11			2	11				
12:15		3	9			2	7				
12:30		1	7			1	7				
12:45		1	9	7	36	0	6	5	31	12	67
01:00		1	6			1	4				
01:15		0	7			1	8				
01:30		1	6			1	12				
01:45		1	20	3	39	0	17	3	41	6	80
02:00		1	13			0	14				
02:15		1	18			0	14				
02:30		0	9			0	8				
02:45		1	15	3	55	0	20	0	56	3	111
03:00		2	11			1	14				
03:15		0	27			0	24				
03:30		0	16			0	14				
03:45		2	18	4	72	2	15	3	67	7	139
04:00		1	15			1	8				
04:15		0	11			0	15				
04:30		0	13			1	8				
04:45		1	9	2	48	0	14	2	45	4	93
05:00		2	12			2	12	2	45		
05:15		1	19			4	12				
05:30		4	20			2	20				
05:45		2	18	9	69	1	19	9	63	18	132
06:00		1	15			1	13				
06:15		0	8			5	10				
06:30		4	8			6	10				
06:45		6	12	11	43	4	13	16	46	27	89
07:00		11	14			18	7				
07:15		27	23			22	10				
07:30		23	23			23	6				
07:45		11	11	72	71	9	6	72	29	144	100
08:00		10	5			22	4				
08:15		13	7			16	5				
08:30		15	4			6	6				
08:45		16	7	54	23	10	5	54	20	108	43
09:00		8	5			7	4				
09:15		13	7			16	4				
09:30		8	5			9	4				
09:45		7	5	36	22	3	2	35	14	71	36
10:00		4	5			7	5				
10:15		4	2			6	1				
10:30		8	2			6	3				
10:45		10	5	26	14	7	2	26	11	52	25
11:00		6	4			4	4				
11:15		5	1			10	3				
11:30		8	3			6	1				
11:45		9	1	28	9	3	1	23	9	51	18
Total Combined Total		255	501	255	501	248	432	248	432	503	933
AM Peak Vol.	-	07:00	-	-	-	07:15	-	-	-	-	-
P.H.F.	-	72	-	-	-	76	-	-	-	-	-
PM Peak Vol.	-	0.667	-	-	-	0.826	-	-	-	-	-
P.H.F.	-	0.704	-	-	-	-	0.750	-	-	-	-
Percentage		33.7%	66.3%			36.5%	63.5%				
ADT/AADT		ADT 1,436		AADT 1,436							



# Counts Unlimited, Inc.

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City of Banning  
Wilson Street  
B/ Highland Springs Avenue - Highland Home Road  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

BAN035  
Site Code: 067-17242

Start Time	02-May-17 Tue	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		9	68			9	72				
12:15		12	75			2	55				
12:30		8	65			8	61				
12:45		8	62	37	270	3	73	22	261	59	531
01:00		7	56			2	81				
01:15		1	79			3	98				
01:30		4	81			2	90				
01:45		3	68	15	284	3	77	10	346	25	630
02:00		3	102			4	81				
02:15		2	86			0	98				
02:30		3	130			0	124				
02:45		2	135	10	453	5	107	9	410	19	863
03:00		2	115			6	145				
03:15		1	110			0	106				
03:30		2	166			11	84				
03:45		4	128	9	519	5	99	22	434	31	953
04:00		5	113			13	83				
04:15		1	96			20	90				
04:30		3	114			11	70				
04:45		6	105	15	428	18	86	62	329	77	757
05:00		8	100			19	91				
05:15		1	108			25	96				
05:30		8	89			39	99				
05:45		15	139	32	436	49	80	132	366	164	802
06:00		15	77			39	90				
06:15		26	100			59	79				
06:30		25	84			64	66				
06:45		44	107	110	368	65	82	227	317	337	685
07:00		49	86			98	74				
07:15		48	79			128	61				
07:30		64	74			126	72				
07:45		111	77	272	316	138	58	490	265	762	581
08:00		128	69			107	50				
08:15		123	66			120	46				
08:30		98	83			89	40				
08:45		89	59	438	277	100	42	416	178	854	455
09:00		55	54			60	39				
09:15		50	48			78	33				
09:30		63	29			64	19				
09:45		56	45	224	176	76	30	278	121	502	297
10:00		42	36			66	30				
10:15		62	31			78	18				
10:30		53	20			61	21				
10:45		51	24	208	111	75	16	280	85	488	196
11:00		65	30			56	18				
11:15		71	25			65	14				
11:30		75	23			76	13				
11:45		66	14	277	92	70	5	267	50	544	142
Total Combined Total		1647	3730	1647	3730	2215	3162	2215	3162	3862	6892
AM Peak Vol.	-	07:45	-	-	-	07:15	-	-	-	-	-
P.H.F.	-	460	-	-	-	499	-	-	-	-	-
PM Peak Vol.	-	0.898	-	-	-	0.904	-	-	-	-	-
Percentag e		30.6%	69.4%			41.2%	58.8%				
ADT/AADT		ADT 10,754		AADT 10,754							

# Counts Unlimited, Inc.

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City of Banning  
Wilson Street  
B/ Highland Home Road - Sunset Avenue  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

BAN036  
Site Code: 067-17242

Start Time	02-May-17 Tue	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		10	70			9	47				
12:15		6	71			2	49				
12:30		4	55			3	55				
12:45		6	49	26	245	1	55	15	206	41	451
01:00		6	50			5	80				
01:15		0	65			1	77				
01:30		4	78			2	70				
01:45		3	66	13	259	1	66	9	293	22	552
02:00		3	86			3	76				
02:15		5	82			3	81				
02:30		3	105			0	78				
02:45		1	119	12	392	2	94	8	329	20	721
03:00		2	102			2	100				
03:15		1	86			1	103				
03:30		3	139			3	90				
03:45		5	116	11	443	1	89	7	382	18	825
04:00		5	96			8	74				
04:15		4	80			4	83				
04:30		5	102			7	74				
04:45		7	75	21	353	9	67	28	298	49	651
05:00		12	100			9	81				
05:15		10	84			10	82				
05:30		13	77			17	90				
05:45		23	105	58	366	28	68	64	321	122	687
06:00		15	82			18	86				
06:15		28	76			29	64				
06:30		35	61			33	69				
06:45		56	65	134	284	41	74	121	293	255	577
07:00		75	74			60	64				
07:15		65	64			83	57				
07:30		77	53			99	58				
07:45		85	58	302	249	82	49	324	228	626	477
08:00		110	68			67	47				
08:15		105	57			83	41				
08:30		118	59			54	35				
08:45		93	43	426	227	83	45	287	168	713	395
09:00		61	40			61	31				
09:15		52	33			70	39				
09:30		62	27			53	18				
09:45		61	28	236	128	58	23	242	111	478	239
10:00		53	30			52	32				
10:15		65	22			63	9				
10:30		56	18			57	19				
10:45		71	14	245	84	66	16	238	76	483	160
11:00		54	25			69	17				
11:15		51	24			58	18				
11:30		56	12			58	5				
11:45		62	8	223	69	64	6	249	46	472	115
Total Combined Total		1707	3099	1707	3099	1592	2751	1592	2751	3299	5850
AM Peak Vol.	-	08:00	-	-	-	07:15	-	-	-	-	-
P.H.F.	-	426	-	-	-	331	-	-	-	-	-
PM Peak Vol.	-	0.903	-	-	-	0.836	-	-	-	-	-
P.H.F.	-	0.802	-	-	-	-	-	-	-	-	-
Percentage		35.5%	64.5%			36.7%	63.3%				
ADT/AADT		ADT 9,149		AADT 9,149							

# Counts Unlimited, Inc.

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City of Banning  
Wilson Street  
B/ Sunset Avenue - 16th Street  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

BAN037  
Site Code: 067-17242

Start Time	02-May-17 Tue	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		9	41			9	38				
12:15		6	50			3	33				
12:30		1	44			2	41				
12:45		4	28	20	163	1	41	15	153	35	316
01:00		3	44			3	42				
01:15		1	51			1	54				
01:30		2	61			1	59				
01:45		1	57	7	213	1	47	6	202	13	415
02:00		1	54			3	57				
02:15		3	61			1	46				
02:30		4	72			0	63				
02:45		0	95	8	282	3	50	7	216	15	498
03:00		1	87			1	61				
03:15		2	60			2	82				
03:30		1	94			0	64				
03:45		1	88	5	329	2	54	5	261	10	590
04:00		2	56			7	63				
04:15		3	56			6	49				
04:30		4	60			7	58				
04:45		2	59	11	231	8	50	28	220	39	451
05:00		10	81			8	49				
05:15		2	70			6	55				
05:30		5	67			16	51				
05:45		11	98	28	316	19	50	49	205	77	521
06:00		4	70			19	57				
06:15		15	53			32	35				
06:30		16	63			28	40				
06:45		36	59	71	245	33	51	112	183	183	428
07:00		46	56			47	53				
07:15		51	49			66	42				
07:30		57	48			72	47				
07:45		52	49	206	202	54	43	239	185	445	387
08:00		65	53			40	34				
08:15		66	35			45	33				
08:30		79	44			39	25				
08:45		85	39	295	171	71	23	195	115	490	286
09:00		26	26			55	22				
09:15		43	38			42	20				
09:30		35	19			35	15				
09:45		34	13	138	96	30	14	162	71	300	167
10:00		35	27			30	27				
10:15		42	15			53	11				
10:30		30	19			41	21				
10:45		37	11	144	72	36	8	160	67	304	139
11:00		45	13			40	18				
11:15		45	26			33	5				
11:30		50	12			44	4				
11:45		36	5	176	56	41	3	158	30	334	86
Total		1109	2376	1109	2376	1136	1908	1136	1908	2245	4284
Combined Total		3485		3485		3044		3044			6529
AM Peak Vol.	-	08:00	-	-	-	07:00	-	-	-	-	-
P.H.F.	-	295	-	-	-	239	-	-	-	-	-
PM Peak Vol.	-	0.868				0.830					
P.H.F.	-	-	02:45	-	-	-	03:15	-	-	-	-
	-	-	336	-	-	-	263	-	-	-	-
	-	-	0.884				0.802				
Percentage		31.8%	68.2%			37.3%	62.7%				
ADT/AADT		ADT 6,529		AADT 6,529							

# Counts Unlimited, Inc.

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City of Banning  
Wilson Street  
B/ 16th Street - San Gorgonio Avenue  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

BAN038  
Site Code: 067-17242

Start Time	02-May-17 Tue	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		6	26			5	44				
12:15		7	41			6	38				
12:30		6	31			3	35				
12:45		2	30	21	128	1	37	15	154	36	282
01:00		2	25			6	38				
01:15		0	44			2	45				
01:30		1	26			2	30				
01:45		4	48	7	143	2	51	12	164	19	307
02:00		0	36			1	43				
02:15		1	39			3	40				
02:30		2	34			6	38				
02:45		2	68	5	177	2	43	12	164	17	341
03:00		1	60			1	46				
03:15		1	45			4	67				
03:30		0	54			1	56				
03:45		1	59	3	218	6	66	12	235	15	453
04:00		2	41			5	47				
04:15		2	27			2	38				
04:30		3	28			5	44				
04:45		3	37	10	133	5	34	17	163	27	296
05:00		4	51			5	48				
05:15		5	44			6	49				
05:30		2	53			6	39				
05:45		7	60	18	208	13	51	30	187	48	395
06:00		7	41			10	40				
06:15		7	43			15	41				
06:30		12	38			26	29				
06:45		32	42	58	164	27	38	78	148	136	312
07:00		33	45			42	41				
07:15		51	40			37	39				
07:30		53	32			57	40				
07:45		39	28	176	145	33	28	169	148	345	293
08:00		54	35			25	33				
08:15		53	30			51	18				
08:30		66	30			53	29				
08:45		62	23	235	118	71	19	200	99	435	217
09:00		26	19			50	19				
09:15		18	20			36	29				
09:30		27	22			31	12				
09:45		23	10	94	71	22	12	139	72	233	143
10:00		19	15			28	25				
10:15		27	12			32	21				
10:30		25	15			21	14				
10:45		36	5	107	47	27	11	108	71	215	118
11:00		35	8			23	7				
11:15		34	15			28	13				
11:30		41	6			41	8				
11:45		32	6	142	35	38	7	130	35	272	70
Total Combined Total		876	1587	876	1587	922	1640	922	1640	1798	3227
AM Peak Vol.	-	08:00	-	-	-	08:15	-	-	-	-	-
P.H.F.	-	235	-	-	-	225	-	-	-	-	-
PM Peak Vol.	-	0.890	-	-	-	0.792	-	-	-	-	-
P.H.F.	-	0.835	-	-	-	-	-	-	-	-	-
Percentage		35.6%	64.4%			36.0%	64.0%				
ADT/AADT		ADT 5,025		AADT 5,025							

# Counts Unlimited, Inc.

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City of Banning  
Wilson Street  
B/ San Gorgonio Avenue - Hargrave Street  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

BAN039  
Site Code: 067-17242

Start Time	02-May-17 Tue	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		5	16			0	13				
12:15		0	25			2	36				
12:30		2	15			1	20				
12:45		0	14	7	70	3	12	6	81	13	151
01:00		1	19			7	25				
01:15		2	15			3	17				
01:30		3	13			0	14				
01:45		2	27	8	74	1	24	11	80	19	154
02:00		1	18			1	13				
02:15		0	15			1	14				
02:30		1	16			1	15				
02:45		2	32	4	81	1	17	4	59	8	140
03:00		1	48			1	37				
03:15		2	47			0	41				
03:30		0	27			0	37				
03:45		1	34	4	156	1	41	2	156	6	312
04:00		2	17			0	22				
04:15		1	16			1	14				
04:30		0	10			0	14				
04:45		3	17	6	60	4	22	5	72	11	132
05:00		2	24			0	26				
05:15		3	20			2	19				
05:30		3	19			1	20				
05:45		6	16	14	79	4	20	7	85	21	164
06:00		4	21			1	15				
06:15		4	24			7	14				
06:30		8	12			9	19				
06:45		6	10	22	67	14	17	31	65	53	132
07:00		11	17			13	15				
07:15		21	13			16	12				
07:30		19	13			14	9				
07:45		21	10	72	53	12	12	55	48	127	101
08:00		45	16			22	13				
08:15		47	20			41	7				
08:30		40	18			25	8				
08:45		58	10	190	64	46	4	134	32	324	96
09:00		22	4			23	8				
09:15		8	9			14	12				
09:30		9	13			9	3				
09:45		10	4	49	30	12	8	58	31	107	61
10:00		13	11			10	7				
10:15		7	8			13	13				
10:30		14	4			7	4				
10:45		12	1	46	24	22	3	52	27	98	51
11:00		20	1			7	3				
11:15		25	8			10	4				
11:30		28	3			28	4				
11:45		14	4	87	16	20	1	65	12	152	28
Total Combined Total		509	774	509	774	430	748	430	748	939	1522
AM Peak Vol.	-	08:00	-	-	-	08:15	-	-	-	-	-
P.H.F.	-	190	-	-	-	135	-	-	-	-	-
PM Peak Vol.	-	0.819	-	-	-	0.734	-	-	-	-	-
Percentag e		39.7%	60.3%			36.5%	63.5%				
ADT/AADT		ADT 2,461		AADT 2,461							

# Counts Unlimited, Inc.

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City of Banning  
Sun Lakes Boulevard  
B/ Country Club Drive - Highland Home Road  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

BAN040  
Site Code: 067-17242

Start Time	02-May-17 Tue	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		0	23			0	31				
12:15		1	27			0	35				
12:30		0	34			0	38				
12:45		0	31	1	115	0	26	0	130	1	245
01:00		5	30			1	34				
01:15		0	26			0	34				
01:30		0	32			1	33				
01:45		0	41	5	129	0	40	2	141	7	270
02:00		0	30			0	23				
02:15		0	34			0	23				
02:30		0	21			0	38				
02:45		0	24	0	109	0	27	0	111	0	220
03:00		0	29			0	30				
03:15		1	22			1	33				
03:30		0	27			0	34				
03:45		0	41	1	119	0	17	1	114	2	233
04:00		1	34			1	18				
04:15		0	29			2	33				
04:30		0	34			2	26				
04:45		0	24	1	121	1	27	6	104	7	225
05:00		0	25			7	21				
05:15		0	21			2	22				
05:30		2	27			6	25				
05:45		1	15	3	88	5	18	20	86	23	174
06:00		3	17			14	23				
06:15		3	18			12	13				
06:30		6	20			12	18				
06:45		3	16	15	71	17	15	55	69	70	140
07:00		7	18			21	6				
07:15		5	11			25	8				
07:30		3	12			30	3				
07:45		10	11	25	52	27	3	103	20	128	72
08:00		11	14			33	6				
08:15		6	11			19	1				
08:30		13	8			32	6				
08:45		13	17	43	50	42	2	126	15	169	65
09:00		21	7			38	3				
09:15		17	9			42	2				
09:30		13	8			32	2				
09:45		26	5	77	29	40	2	152	9	229	38
10:00		33	5			33	0				
10:15		23	2			32	1				
10:30		27	2			47	1				
10:45		23	3	106	12	43	1	155	3	261	15
11:00		29	1			39	1				
11:15		30	2			37	3				
11:30		33	2			39	1				
11:45		38	2	130	7	41	2	156	7	286	14
Total		407	902	407	902	776	809	776	809	1183	1711
Combined Total		1309		1309		1585		1585		2894	
AM Peak Vol.	-	11:00	-	-	-	10:30	-	-	-	-	-
P.H.F.	-	130	-	-	-	166	-	-	-	-	-
PM Peak Vol.	-	0.855				0.883					
ADT/AADT		ADT 2,894		AADT 2,894							
Percentag e		31.1%	68.9%			49.0%	51.0%				

# Counts Unlimited, Inc.

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City of Banning  
Westward Avenue  
B/ Sunset Avenue - San Gorgonio Avenue  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

BAN041  
Site Code: 067-17242

Start Time	04-May-17 Thu	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		0	13			0	6				
12:15		0	9			0	5				
12:30		0	17			2	2				
12:45		1	19	1	58	0	17	2	30	3	88
01:00		1	16			0	25				
01:15		0	14			0	10				
01:30		0	10			1	4				
01:45		0	5	1	45	0	5	1	44	2	89
02:00		0	6			1	6				
02:15		0	5			0	9				
02:30		0	5			0	3				
02:45		0	9	0	25	1	4	2	22	2	47
03:00		0	8			0	5				
03:15		0	6			0	2				
03:30		0	9			0	6				
03:45		0	11	0	34	0	3	0	16	0	50
04:00		2	12			0	7				
04:15		0	6			0	6				
04:30		0	13			0	6				
04:45		0	9	2	40	0	4	0	23	2	63
05:00		0	9			1	7				
05:15		2	6			1	7				
05:30		3	6			0	8				
05:45		3	7	8	28	0	9	2	31	10	59
06:00		0	5			8	7				
06:15		2	13			2	3				
06:30		5	9			2	7				
06:45		9	3	16	30	7	5	19	22	35	52
07:00		10	12			8	7				
07:15		24	8			14	6				
07:30		39	3			31	2				
07:45		7	6	80	29	10	6	63	21	143	50
08:00		6	3			8	9				
08:15		7	6			7	6				
08:30		5	5			2	3				
08:45		6	4	24	18	2	0	19	18	43	36
09:00		7	3			7	0				
09:15		9	4			5	2				
09:30		5	4			12	3				
09:45		4	8	25	19	2	4	26	9	51	28
10:00		8	1			7	3				
10:15		13	3			7	0				
10:30		4	2			7	1				
10:45		8	1	33	7	4	0	25	4	58	11
11:00		6	3			7	0				
11:15		7	3			8	2				
11:30		8	1			4	1				
11:45		3	1	24	8	1	1	20	4	44	12
Total Combined Total		214	341	214	341	179	244	179	244	393	585
AM Peak Vol.	-	06:45	-	-	-	07:00	-	-	-	-	-
P.H.F.	-	82	-	-	-	63	-	-	-	-	-
PM Peak Vol.	-	0.526	-	-	-	0.508	-	-	-	-	-
P.H.F.	-	00:30	-	-	-	00:45	-	-	-	-	-
Percentag e		38.6%	61.4%			42.3%	57.7%				
ADT/AADT		ADT 978		AADT 978							

# Counts Unlimited, Inc.

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City of Banning  
Williams Street  
B/ Sunset Avenue - Hathaway Street  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

BAN042  
Site Code: 067-17242

Start Time	04-May-17 Thu	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		1	12			0	8				
12:15		1	11			2	5				
12:30		1	17			1	9				
12:45		0	11	3	51	0	12	3	34	6	85
01:00		1	25			0	20				
01:15		4	10			0	4				
01:30		0	9			0	9				
01:45		0	12	5	56	1	15	1	48	6	104
02:00		0	17			0	9				
02:15		0	7			0	4				
02:30		0	11			1	10				
02:45		1	24	1	59	1	9	2	32	3	91
03:00		0	26			1	11				
03:15		0	20			0	16				
03:30		1	16			0	13				
03:45		2	15	3	77	0	11	1	51	4	128
04:00		1	20			0	13				
04:15		0	12			0	10				
04:30		1	10			0	8				
04:45		1	12	3	54	2	14	2	45	5	99
05:00		1	15			0	15				
05:15		0	17			0	9				
05:30		6	13			2	14				
05:45		3	15	10	60	1	11	3	49	13	109
06:00		5	9			2	6				
06:15		3	6			1	7				
06:30		4	7			5	20				
06:45		6	20	18	42	7	9	15	42	33	84
07:00		15	14			4	5				
07:15		8	9			10	7				
07:30		4	9			14	7				
07:45		14	11	41	43	6	4	34	23	75	66
08:00		13	8			5	10				
08:15		12	11			11	5				
08:30		20	10			9	6				
08:45		19	9	64	38	15	4	40	25	104	63
09:00		10	6			9	3				
09:15		13	6			7	2				
09:30		9	10			8	3				
09:45		15	5	47	27	10	2	34	10	81	37
10:00		8	4			13	5				
10:15		12	7			10	3				
10:30		20	1			10	3				
10:45		8	3	48	15	7	3	40	14	88	29
11:00		15	5			9	2				
11:15		10	2			5	3				
11:30		10	3			13	2				
11:45		19	0	54	10	11	1	38	8	92	18
Total Combined Total		297	532	297	532	213	381	213	381	510	913
AM Peak Vol.	-	08:00	-	-	-	08:15	-	-	-	-	-
P.H.F.	-	64	-	-	-	44	-	-	-	-	-
PM Peak Vol.	-	0.800	-	-	-	0.733	-	-	-	-	-
P.H.F.	-	02:45	-	-	-	03:15	-	-	-	-	-
Percentag e		35.8%	64.2%			35.9%	64.1%				
ADT/AADT		ADT 1,423		AADT 1,423							

# Counts Unlimited, Inc.

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City of Banning  
George Street  
B/ Sunset Avenue - Woodland Avenue  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

BAN043  
Site Code: 067-17242

Start Time	04-May-17 Thu	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		0	2			0	2				
12:15		1	3			0	4				
12:30		2	2			2	4				
12:45		0	3	3	10	0	2	2	12	5	22
01:00		0	2			0	3				
01:15		1	3			1	6				
01:30		0	4			0	1				
01:45		0	7	1	16	0	7	1	17	2	33
02:00		0	3			0	5				
02:15		1	0			0	1				
02:30		0	4			0	0				
02:45		0	4	1	11	0	3	0	9	1	20
03:00		0	7			1	2				
03:15		1	2			2	3				
03:30		0	2			1	2				
03:45		0	9	1	20	0	11	4	18	5	38
04:00		0	3			1	3				
04:15		0	5			0	9				
04:30		0	3			0	5				
04:45		0	0	0	11	0	4	1	21	1	32
05:00		0	5			1	6				
05:15		0	7			2	6				
05:30		0	3			3	4				
05:45		1	5	1	20	2	6	8	22	9	42
06:00		1	4			0	8				
06:15		3	6			3	4				
06:30		4	7			1	5				
06:45		1	8	9	25	5	2	9	19	18	44
07:00		1	5			2	3				
07:15		2	3			3	2				
07:30		1	11			2	3				
07:45		1	6	5	25	2	3	9	11	14	36
08:00		2	3			4	2				
08:15		7	4			1	5				
08:30		2	2			2	1				
08:45		1	1	12	10	3	3	10	11	22	21
09:00		4	0			6	1				
09:15		7	2			3	2				
09:30		0	0			2	1				
09:45		2	1	13	3	1	2	12	6	25	9
10:00		2	4			2	2				
10:15		4	2			6	0				
10:30		1	3			3	1				
10:45		2	1	9	10	3	2	14	5	23	15
11:00		2	2			4	1				
11:15		2	1			2	0				
11:30		1	0			4	0				
11:45		1	0			3	0	13	1	19	4
Total		61	164	61	164	83	152	83	152	144	316
Combined Total		225		225		235		235		460	
AM Peak Vol.	-	08:15	-	-	-	10:15	-	-	-	-	-
P.H.F.	-	14	-	-	-	16	-	-	-	-	-
PM Peak Vol.	-	0.500				0.667					
P.H.F.	-	-	06:45	-	-	-	03:45	-	-	-	-
	-	-	27	-	-	-	28	-	-	-	-
	-	-	0.614				0.636				
Percentag e		27.1%	72.9%			35.3%	64.7%				
ADT/AADT		ADT 460		AADT 460							

# Counts Unlimited, Inc.

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City of Banning  
George Street  
B? 20th Street - 8th Street  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

BAN044  
Site Code: 067-17242

Start Time	04-May-17 Thu	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		1	1			2	5				
12:15		0	2			0	7				
12:30		0	9			1	5				
12:45		1	8	2	20	0	8	3	25	5	45
01:00		0	5			0	9				
01:15		0	15			1	3				
01:30		0	14			0	5				
01:45		0	4	0	38	1	7	2	24	2	62
02:00		1	9			0	2				
02:15		0	8			0	5				
02:30		0	3			0	6				
02:45		1	7	2	27	0	5	0	18	2	45
03:00		0	12			0	12				
03:15		0	18			0	15				
03:30		0	8			1	6				
03:45		0	6	0	44	0	5	1	38	1	82
04:00		0	8			0	6				
04:15		0	4			0	6				
04:30		1	8			0	9				
04:45		2	3	3	23	0	5	0	26	3	49
05:00		2	10			0	8				
05:15		0	1			1	3				
05:30		1	5			0	10				
05:45		3	5	6	21	0	6	1	27	7	48
06:00		4	8			1	9				
06:15		1	6			3	8				
06:30		2	7			1	8				
06:45		2	6	9	27	1	5	6	30	15	57
07:00		4	6			4	7				
07:15		12	5			6	2				
07:30		7	3			9	3				
07:45		6	7	29	21	5	10	24	22	53	43
08:00		5	3			2	5				
08:15		11	7			7	5				
08:30		8	5			2	4				
08:45		12	8	36	23	9	3	20	17	56	40
09:00		7	3			4	1				
09:15		4	3			4	3				
09:30		4	1			3	1				
09:45		6	1	21	8	3	2	14	7	35	15
10:00		6	3			4	4				
10:15		2	2			4	0				
10:30		4	1			5	3				
10:45		2	3	14	9	2	1	15	8	29	17
11:00		5	0			2	1				
11:15		2	2			3	0				
11:30		7	2			4	1				
11:45		2	2	16	6	3	1	12	3	28	9
Total		138	267	138	267	98	245	98	245	236	512
Combined Total		405		405		343		343		748	
AM Peak Vol.	-	08:15	-	-	-	07:00	-	-	-	-	-
P.H.F.	-	38	-	-	-	24	-	-	-	-	-
PM Peak Vol.	-	0.792				0.667					
P.H.F.	-	-	02:45	-	-	-	02:30	-	-	-	-
	-	-	45	-	-	-	38	-	-	-	-
	-	-	0.625				0.633				
Percentage		34.1%	65.9%			28.6%	71.4%				
ADT/AADT		ADT 748		AADT 748							

# Counts Unlimited, Inc.

City of Banning  
George Street  
B/ 8th Street - San Gorgonio Avenue  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

Page 1

BAN045  
Site Code: 067-17242

Start Time	04-May-17 Thu	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		2	8			1	7				
12:15		3	5			3	5				
12:30		2	7			1	6				
12:45		0	5	7	25	0	9	5	27	12	52
01:00		2	7			1	14				
01:15		1	6			1	6				
01:30		1	12			2	2				
01:45		0	11	4	36	0	15	4	37	8	73
02:00		0	8			0	8				
02:15		0	6			0	4				
02:30		0	7			0	11				
02:45		0	7	0	28	0	10	0	33	0	61
03:00		0	16			0	19				
03:15		1	10			0	17				
03:30		1	7			0	6				
03:45		0	11	2	44	0	10	0	52	2	96
04:00		0	5			0	9				
04:15		2	8			1	10				
04:30		2	9			1	16				
04:45		1	7	5	29	1	7	3	42	8	71
05:00		1	5			1	12				
05:15		1	4			2	8				
05:30		0	11			0	7				
05:45		7	14	9	34	2	9	5	36	14	70
06:00		0	8			1	4				
06:15		0	7			1	12				
06:30		3	12			2	9				
06:45		5	4	8	31	1	12	5	37	13	68
07:00		8	3			7	11				
07:15		14	6			10	7				
07:30		13	4			12	7				
07:45		4	5	39	18	10	9	39	34	78	52
08:00		4	9			6	5				
08:15		5	8			7	4				
08:30		12	1			4	7				
08:45		18	7	39	25	13	2	30	18	69	43
09:00		22	4			5	2				
09:15		7	3			3	6				
09:30		4	7			5	3				
09:45		6	1	39	15	5	5	18	16	57	31
10:00		10	2			6	1				
10:15		6	0			5	0				
10:30		2	2			8	0				
10:45		8	4	26	8	22	1	41	2	67	10
11:00		7	0			5	2				
11:15		6	1			8	1				
11:30		3	1			7	0				
11:45		7	2	23	4	13	3	33	6	56	10
Total		201	297	201	297	183	340	183	340	384	637
Combined Total		498		498		523		523		1021	
AM Peak Vol.	-	08:30	-	-	-	10:30	-	-	-	-	-
P.H.F.	-	59	-	-	-	43	-	-	-	-	-
PM Peak Vol.	-	0.670				0.489					
P.H.F.	-	-	03:00	-	-	-	02:30	-	-	-	-
	-	-	44	-	-	-	57	-	-	-	-
	-	-	0.688				0.750				
Percentage		40.4%	59.6%			35.0%	65.0%				
ADT/AADT		ADT 1,021		AADT 1,021							

# Counts Unlimited, Inc.

Page 1

City of Banning  
Sun Lakes Boulevard  
B/ Highland Springs Avenue - Country Club Drive  
24 Hour Directional Volume Count

PO Box 1178  
Corona, CA 92878  
Phone: 951-268-6268  
email: counts@countsunlimited.com

BAN046  
Site Code: 067-17242

Start Time	02-May-17 Tue	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		0	81			1	99				
12:15		2	101			1	87				
12:30		1	98			1	91				
12:45		1	87	4	367	0	67	3	344	7	711
01:00		5	90			0	80				
01:15		0	80			1	95				
01:30		0	77			1	101				
01:45		1	99	6	346	0	89	2	365	8	711
02:00		0	88			1	79				
02:15		1	86			1	73				
02:30		0	77			2	100				
02:45		1	89	2	340	0	67	4	319	6	659
03:00		1	78			0	99				
03:15		1	87			3	74				
03:30		2	85			3	82				
03:45		1	99	5	349	2	58	8	313	13	662
04:00		0	68			3	64				
04:15		3	74			4	75				
04:30		0	91			4	61				
04:45		2	90	5	323	5	71	16	271	21	594
05:00		1	78			8	74				
05:15		5	60			7	58				
05:30		19	69			8	51				
05:45		19	52	44	259	14	52	37	235	81	494
06:00		12	56			18	39				
06:15		12	52			35	43				
06:30		24	37			28	40				
06:45		24	47	72	192	33	29	114	151	186	343
07:00		24	52			55	28				
07:15		23	35			46	32				
07:30		30	38			57	22				
07:45		59	38	136	163	69	25	227	107	363	270
08:00		39	34			64	25				
08:15		47	37			73	19				
08:30		42	24			77	20				
08:45		47	23	175	118	80	16	294	80	469	198
09:00		63	18			102	11				
09:15		61	24			88	9				
09:30		65	17			95	12				
09:45		77	14	266	73	88	8	373	40	639	113
10:00		92	16			88	13				
10:15		63	11			97	6				
10:30		71	10			100	6				
10:45		89	12	315	49	87	5	372	30	687	79
11:00		82	4			87	2				
11:15		103	6			84	2				
11:30		101	5			90	2				
11:45		85	7	371	22	97	5	358	11	729	33
Total		1401	2601	1401	2601	1808	2266	1808	2266	3209	4867
Combined Total		4002		4002		4074		4074		8076	
AM Peak	-	10:45	-	-	-	09:00	-	-	-	-	-
Vol.	-	375	-	-	-	373	-	-	-	-	-
P.H.F.		0.910				0.914					
PM Peak	-	-	00:15	-	-	-	01:00	-	-	-	-
Vol.	-	-	376	-	-	-	365	-	-	-	-
P.H.F.		0.931				0.903					
Percentage		35.0%	65.0%			44.4%	55.6%				
ADT/AADT		ADT 8,076		AADT 8,076							

**Corporate Headquarters**

3788 McCray Street  
Riverside, CA 92506  
T: 951.686.1070

**Palm Desert Office**

41-990 Cook Street Bldg. I - #801B  
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**Murrieta Office**

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[www.webbassociates.com](http://www.webbassociates.com)