

**ENGINEERING AND TRAFFIC SURVEY  
FOR SPEED LIMITS**

**CITY OF HAWTHORNE**

**AUGUST 2021**

**PREPARED FOR:**

**CITY OF HAWTHORNE  
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**CERTIFICATION**

I, Gerald Stock, do hereby certify that this Engineering and Traffic Survey for the City of Hawthorne was performed under my supervision and is accurate and complete. I certify that I am both experienced in performing surveys of this type and duly registered in the State of California as a professional Traffic Engineer.

  
Gerald Stock  
RTE # 2049



**CITY OF HAWTHORNE  
ENGINEERING AND TRAFFIC SURVEY FOR SPEED LIMITS**

**Introduction**

In accordance with procedures established by the State of California, this Engineering and Traffic Survey has been developed for the City of Hawthorne as the basis for the establishment and enforcement of speed limits for selected streets within the City. The work provided herein was authorized by the City and was performed by the engineering consulting firm of Hartzog & Crabill, Inc. The goal of the review was two-fold. The first was to review new roadway segments to determine if speed limit postings should be recommended. The second involved a determination as to whether changes in pre-existing conditions have occurred where older speed limits should be modified.

The requirement to perform Engineering and Traffic surveys for speed limits is based on the California Vehicle Code (CVC). CVC Section 40802 states that at least once every five (5), seven (7), or ten (10) years, States and local agencies should re-evaluate non-statutory speed limits on segments of their roadways. Recent changes to the CA MUTCD changed the policy and procedure for setting speed limits in California. Engineering and Traffic Surveys must be performed with the use of radar or other approved electronic devices if the use of radar is to be employed to enforce speed limits. If such a survey is not performed within five years (or seven years, or ten years as stated previously) of the date of the preceding survey, then the new data and its use will constitute a speed trap. Hence, evidence using such would not be admissible in court. From the Vehicle Code, a "speed trap" is either of the following:

- (a) 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.
- (b) A particular section of a highway with a prima facie speed limit provided by this code or by local ordinance under sub-paragraph (A) of paragraph (2) of subdivision (a) of Section 22352, or established pursuant to 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 where enforcement involves the use of radar or other electronic devices that measures the speed of moving objects. This paragraph does not apply to a local street, road, or school zone.

The definition of a Traffic and Engineering Survey is contained in Section 627 of the Vehicle Code and is as follows:

Engineering and Traffic survey, as used in this code, means a survey of highway and traffic conditions in accordance with methods determined by the California Department of Transportation (Caltrans) for use by State and local authorities. An engineering and traffic survey shall include, among other requirements deemed necessary by the department, consideration of the following:

- (a) Prevailing speeds as determined by traffic engineering measurements.
- (b) Accident records.
- (c) Highway, traffic and roadside conditions not readily apparent to the driver.

The California Vehicle code has set certain regulations regarding the posting and enforcement of speed zones. These regulations generally reflect the viewpoint that speed zoning should be based on traffic conditions and natural driver behavior and not because of an arbitrary response to a traffic event or occurrence. Therefore, it is important to have a general understanding of the "Basic Speed Law", "Prima Facie Speed Limits" and "Intermediate Speed Zones".

### **Basic Speed Law (CVC 22350)**

All fifty states base their speed regulations on the Basic Speed Law. In California, CVC 22350 defines the basic speed law as:

"No Person shall drive a vehicle upon a highway at a speed greater than is reasonable or prudent having due regard for weather, visibility, the traffic on, and the surface and width of the highway, and in no event at a speed which endangers the safety of persons or property."

This law recognizes that driving conditions vary widely from time-to-time and place-to-place and, therefore, no set of fixed driving rules will adequately serve all conditions. The motorist will constantly adjust their driving behavior to fit the conditions encountered, and must learn to do this with a minimum of assistance from the police. The Basic Speed Law is founded on the belief that a majority of motorists are able to modify their driving behavior properly, as long as they are aware of the conditions around them.

### **Prima Facie Speed Limits (CVC 22352)**

All other speed limits are prima facie limits which, "on the face of it", are reasonable and prudent under normal conditions. The opportunity given to the driver to exceed a prima facie speed limit when it is safe to do so recognizes the fact that any posted speed limit cannot adequately reflect the many different conditions of traffic, weather, visibility, etc., that may be found on the same highway at different times.

Certain prima facie limits are automatically established by law (CVC 22352), including a 15 mph limit in alleys, blind intersections, blind railroad crossing, and the 25 mph limit in business and residence districts. There is also a part time 25 mph limit in school zones when children are present in route to or from school.

Business and residence districts are defined in the Vehicle Code as specific areas meeting a specified minimum density of roadside development. CVC Sections 235 and 515 define these regulations. A count of houses or active businesses facing on a highway must be made to determine whether or not a valid business or residence district exists. The law does not require posting these prima facie limits that are readily apparent.

### **Residence District (CVC 515)**

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.

### **Establishment of Speed Zones**

The reason that speed limit areas and their required postings are done is to guard reasonable drivers from the unreasonable behavior of reckless, unreliable, or otherwise dangerous drivers. As with other similar laws, the limits identified are based on the consensus of the majority of those who drive the highway as to what speed is reasonable and safe. It is this type of information that is reflected in the analysis section of this report. Namely, posted speed limits are a reflection of that speed which most people deem to be safe as opposed to a minority of drivers who do not drive in a reasonable manner.

Speed zones are also established to advise of road conditions or hazards that may not be readily apparent to a reasonable driver. For that reason, a field review of related road/traffic variables is conducted which considers the analytical data and accident history of a particular roadway segment to determine a safe and reasonable speed limit.

### **Data Collection Procedures**

Speed evaluation data was collected at 43 different segments on 15 different roadways in the City of Hawthorne. These areas and the number of segments on each are described as follows:

- |                                 |                              |
|---------------------------------|------------------------------|
| 1. 120 <sup>th</sup> Street (5) | 9. Imperial Highway (2)      |
| 2. 135 <sup>th</sup> Street (2) | 10. Inglewood Avenue (4)     |
| 3. 147 <sup>th</sup> Street (1) | 11. Jack Northrop Avenue (1) |
| 4. Aviation Boulevard (2)       | 12. Marine Avenue (2)        |
| 5. Birch Avenue (1)             | 13. Prairie Avenue (5)       |
| 6. Crenshaw Boulevard (2)       | 14. Rosecrans Avenue (4)     |
| 7. El Segundo Boulevard (6)     | 15. Van Ness Avenue (2)      |
| 8. Hawthorne Boulevard (4)      |                              |

As described in various traffic engineering documents - including information provided by the State of California, the individual locations on which radar data collection procedures used involved considerations for the following:

- a. Stop sign or traffic signal locations;
- b. Visibility issues;
- c. Traffic flow at intersections, cross-traffic, major driveways, crosswalks, railroad crossings and unusual turning movements;
- d. The influence of other traffic factors on the speed of cars: such as on street parking, roadway features, adjacent land uses, and lighting.

## **Speed Zoning Methodology**

The Manual on Uniform Traffic Control Devices, California Supplement (MUTCD CA Supplement) specifies a “short method of determining speed limits on City and County Through Highways, Arterial and Collector Roads Procedures.

Introduction - This short method of speed zoning is based on the premise that the reasonable speed limit is one that conforms to the actual behavior of the majority of motorists, and that by measuring motorist speeds; one will be able to select a speed limit that is both reasonable and effective. Other factors that need to be considered include, but are not limited to: the most recent three-year collision record, roadway design speed, safe stopping sight distance, superelevation, shoulder conditions, profile conditions, intersection spacing and offsets, commercial driveway characteristics, pedestrian traffic in the roadway without sidewalks.

## **Speed Zone Survey**

- Only one person is required for the fieldwork. Speeds can be read directly from a radar speed meter.
- A section of road should be selected with representative operating speeds. If speeds vary on a given road, additional surveys should be conducted. In this case, it may be necessary to establish additional speed zones with different speed limits. The section selected should be straight and should have no traffic signal, stop sign or intersection with a major cross street.
- Speed measurements should be taken during off-peak hours on weekdays. The weather should be fair with no unusual conditions prevailing. It is important that the surveyor and his equipment be so inconspicuous as not to affect traffic speeds. For this reason, an unmarked car is recommended, with the radar speed meter located as inconspicuously as possible. It should be placed so as to be able to survey traffic in both directions, and should not make an angle greater than 15 degrees with the roadway center line.
- It is desirable to have a minimum sample of 100 automobiles in each survey. This may result in excessive survey periods for low-volume roads. Under these conditions, the survey should be conducted for a minimum of two hours, but in no case should the sample for any survey contain less than 50 automobiles.
- The MUTCD with California Supplement states that speed limits are established at or near the 85th percentile speed, which is defined as that speed at or below which 85 percent of the traffic is moving. This speed can be selected directly from the data sheet. However, roadway conditions not readily apparent to the motorist such as vertical or horizontal curves or other roadway conditions that may impact sight distance may result in a further reduction of 5 mph in the recommended speed limit.
- As a check on the validity of the proposed speed limit, an analysis should be made of the two-year accident record for the section of roadway under consideration. If this record shows an abnormally high percentage of accidents normally associated with excessive speeds, the proposed speed limit should be further reduced. This is a judgement situation, and will not usually be a factor,

- Short speed zones of less than half a mile should be avoided, except in transition areas.
- Speed zone changes should be coordinated with changes in roadway conditions or roadway development.
- Speed zoning in 5 mile per hour increments should be avoided if possible. A 10-mile per hour increment is preferable.
- Speed zoning should be coordinated between adjacent jurisdictions.

### **Local Street Exemptions (CVC 40802)**

Many streets are designated as "Local" streets per CVC 40802. These streets are exempt from the radar study. Therefore, the speed limit for these streets does not require an Engineering and Traffic Survey. The code is as follows:

"For the purpose of this section, local streets and roads shall be defined by the latest functional usage and federal aid system maps as submitted to the Federal Highway Administration. When these maps have not been submitted, the following definition shall be used: A local street or road primarily provides access to abutting residential property and shall meet the following three conditions:

1. Roadway width of not more than 40 feet.
2. Not more than one half mile of uninterrupted length.
3. Not more than one traffic lane in each direction.

### **Other Considerations**

Every street should be inspected for unusual traffic, roadway and roadside conditions not readily apparent to a motorist. A check should be made of the adequacy of traffic control devices, roadway alignment, width surface conditions, accident history and any unique traffic hazards that may exist. Any of these conditions may warrant the selection of a speed lower than the 85th percentile speed for speed zoning.

### **Radar Collection Time-Frames**

The hours of radar operation were restricted to off-peak periods (when possible) for heavily traveled streets and to uncongested peak periods on lightly traveled streets. All surveys were conducted in fair weather.

The radar unit was mounted at the top of the front dash of an unmarked vehicle with the meter-reading unit sustained inside the vehicle. The radar unit's calibration was checked periodically using a tuning fork.

The radar operator and assistant recorded the speed meter readings for each location on Radar Speed Survey Field Sheets included in the appendix of this report. A representative sampling of at least 100 vehicles were surveyed.



## Analysis Factors

Several factors were used as input to our recommendations for speed limits. These include the 85th Percentile, the 10 MPH Pace and others. These are described in detail below.

1. The **CRITICAL SPEED**, or the 85th percentile, is defined as that speed at or below which 85 percent of the traffic is moving. From experience, traffic engineers have found that this is one of the most reliable factors in determining appropriate speed limits.

Hence, the accepted practice, and one that has been used in this case is to set the speed limit at or near the critical speed. This recognizes that other factors could be present where the above may not be appropriate. When this procedure is used, it not only conforms to that required by the State but it also provides a strong base for law enforcement personnel to properly enforce speed limits.

2. The **10 MPH PACE** is that continuous 10 mph incremental range of speeds in which the largest number of recorded vehicles is contained. It is a measure of the dispersion of speeds within the sample surveyed. For this element, the accepted practice to the greatest extent possible is to try and keep the recommended speed limit within the 10 mph pace after considering the critical speed and any factors requiring a speed lower than the critical speed.
3. The **MEDIAN (MIDDLE) 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% of the vehicles travel faster than, and 50% travel slower than the median speeds. This value is another measure of the central tendency of the vehicle speed distribution.
4. The **15th PERCENTILE SPEED** is that speed at or below which 15% 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 accident potential.
5. **MODAL SPEED**: The modal speed is the speed, which occurs most frequently in the distribution (the most). It serves as another useful measure in verifying the correct recommendation for speed limits.
6. **STANDARD DEVIATION**: This is a mathematical element, which relates to measures of dispersion of data. It is used to assist in describing the center of speed distribution information around the arithmetic mean or the time mean speed. It also is used in the overall review of recommended speed limits and serves to verify the level of confidence of data used in making recommendations.
7. The **MEAN (AVERAGE)** is the sum of the speeds of the samples divided by the number of samples.

The numerical values of the above factors are derived from the speed distribution curves calculated for each survey location. These distribution curves represent a method of graphic analysis that compares the cumulative percentage of vehicles to the speed at which the vehicles are traveling.

## **Field Review**

In addition to the availability of the above statistical data, a significant aspect of speed limit recommendations is based on the field review. Its importance is that existing conditions may warrant a lower speed than is actually indicated by the application of survey data. 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:

1. Segment length, width and alignment
2. Level of pedestrian activity
3. Traffic flow characteristics
4. Vertical and/or horizontal curves.
5. Driver sight distance constraints.
6. Adjacent residential/commercial/industrial etc. zoning.
7. Number of lanes and other channelization/striping factors
8. Frequency of intersections, driveways and on street parking;
9. Location of stop signs, traffic signals, and other regulatory traffic control devices;
10. Roadway conditions, bumps and dips;
11. Obstructions to pedestrian visibility;
12. Land use and proximity of schools;
13. Uniformity and continuity with existing speed zones to/with adjacent jurisdictions;
14. Any other unusual conditions not readily apparent to the driver.

The results of the field review of related road/traffic variables are summarized on the Engineering and Traffic Survey forms found in the Appendix of this report.

## **Accident History**

The Engineering and Traffic Survey forms summarize the available two-year accident information for the subject streets. The accident information includes the total number of accidents within each street segment and of those accidents, the number that are speed-related. This information was obtained from the California Statewide Integrated Traffic Records System (SWITRS) for the City of Hawthorne.

The annual accident rate figures represent the number of speed-related accidents divided by two years of accident records. The evaluation of accidents is useful as a check on the accuracy of recommended or existing speed limits. Should this review show a high percentage of accidents associated with excessive speeds, then consideration based on professional traffic engineering judgement should be directed toward reducing the posted or recommended speed limits.

## **Results and Recommendations**

The following Summaries: No Speed Limit Changes, Residence District, Conflicting Speed Postings, New Speed Limit Postings, Speed Limit Increases, Speed Limit Reductions and Summary of Recommendations, present the results of the radar survey for the selected 43 locations. As shown, the Summary of Recommendations chart presents the necessary analysis elements that in addition to the field review of a registered traffic engineer led to the recommendations indicated.

## Locations of “No Speed Limit Changes”

The Summary indicates that 41 of the 43 segments studied are recommended for no speed limit changes. The reason centers mostly on the fact that the newly measured values of the 85th percentile and the 10 MPH pace are still within the parameters of the existing speed limits. Additional factors such as reduced sight distance, higher collision rates and keeping continuity with the speeds of neighboring segments form the basis in some instances of our recommendation. Therefore, the current postings should remain as is. At one location, only one direction of travel is posted and is listed for no change in the speed limit. Hence, the other direction should be posted for consistency. These segments noted as “install”, as well as the segments recommended for “No Change” are listed below:

### 120<sup>th</sup> Street

Felton Ave to Inglewood Ave	Remain posted at 35 mph
Inglewood Ave to Hawthorne Blvd	Remain posted at 35 mph
Hawthorne Blvd to Prairie Ave	Remain posted at 35 mph, install E/B

### 135<sup>th</sup> Street

Aviation Blvd to Isis Ave	Remain posted at 30 mph
Isis Ave to Glasgow Pl	Remain posted at 30 mph

### 147<sup>th</sup> Street

Ocean Gate Ave to Inglewood Ave	Remain posted at 30 mph
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### Aviation Boulevard

NCL (13200 Aviation Blvd) to Rosecrans Ave	Remain posted at 40 mph
Rosecrans Ave to Marine Ave	Remain posted at 40 mph

### Birch Avenue

120 <sup>th</sup> St to El Segundo Blvd	Remain posted at 35 mph
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### Crenshaw Boulevard

120 <sup>th</sup> Street to El Segundo Blvd	Remain posted at 40 mph
El Segundo Blvd to 132 <sup>nd</sup> St	Remain posted at 40 mph

### El Segundo Boulevard

Aviation Blvd to 405 Freeway	Remain posted at 40 mph
Inglewood Ave to Hawthorne Blvd	Remain posted at 40 mph
Hawthorne Blvd to Prairie Ave	Remain posted at 40 mph
Prairie Ave to Yukon Ave	Remain posted at 40 mph
Yukon Ave to Crenshaw Blvd	Remain posted at 40 mph
Crenshaw Blvd to Van Ness Ave	Remain posted at 40 mph

### Hawthorne Boulevard

Imperial Highway to 120 <sup>th</sup> St	Remain posted at 35 mph
120 <sup>th</sup> St to El Segundo Blvd	Remain posted at 35 mph
El Segundo Blvd to 135 <sup>th</sup> St	Remain posted at 35 mph
135 <sup>th</sup> St to Rosecrans Ave	Remain posted at 35 mph

Imperial Highway

Inglewood Ave to Hawthorne Blvd  
Hawthorne Blvd to Prairie Ave

Remain posted at 35 mph  
Remain posted at 35 mph

Inglewood Avenue

Imperial Hwy to 120<sup>th</sup> St  
120<sup>th</sup> St to El Segundo Blvd  
El Segundo Blvd to 135<sup>th</sup> St  
135<sup>th</sup> St to Rosecrans Ave

Remain posted at 35 mph  
Remain posted at 35 mph  
Remain posted at 35 mph  
Remain posted at 35 mph

Jack Northrop Avenue

Prairie Ave to Crenshaw Blvd

Remain posted at 40 mph

Marine Avenue

Aviation Blvd to 405 Freeway  
Prairie Ave to Yukon Ave

Remain posted at 40 mph  
Remain posted at 35 mph

Prairie Avenue

Imperial Hwy to 120<sup>th</sup> St  
120<sup>th</sup> St to El Segundo Blvd  
El Segundo Blvd to 135<sup>th</sup> St  
135<sup>th</sup> St to Rosecrans Ave  
Rosecrans Ave to Marine Ave

Remain posted at 40 mph  
Remain posted at 40 mph  
Remain posted at 40 mph  
Remain posted at 40 mph  
Remain posted at 40 mph

Rosecrans Avenue

Aviation Blvd to Hindry Ave  
405 Fwy to Inglewood Ave  
Prairie Ave to Yukon Ave  
Yukon Ave to Crenshaw Blvd

Remain posted at 40 mph  
Remain posted at 40 mph  
Remain posted at 40 mph  
Remain posted at 40 mph

Van Ness Avenue

Imperial Hwy to 120<sup>th</sup> St  
120<sup>th</sup> St to El Segundo Blvd

Remain posted at 35 mph  
Remain posted at 35 mph

**Support Explanations of “No Speed Limit Changes”**

The following are support explanations for the nine roadway segments that the recommended speed limit is 5 mph lower or more than the newly measured 85<sup>th</sup> percentile speed.

**120<sup>th</sup> Street**

**Inglewood Avenue to Hawthorne Boulevard**

This portion of 120th Street has two travel lanes per direction. It has a posted 35 mph speed limit. The adjacent land uses are single and multi-family residential with many driveways along both sides of roadway. The E & T Study results show an 85th percentile speed of 42 mph and a 10 mph pace range of 31 to 40 mph. With that, and the residential nature of the segment, it is recommended that the existing 35 mph speed limit be maintained.

### **Hawthorne Boulevard to Prairie Avenue**

This portion of 120th Street has two travel lanes per direction. A 35 mph speed limit is posted for westbound direction. Traffic signals with crosswalks are located at Hawthorne, Birch, Freeman, York, and Prairie. The adjacent land use is commercial, single and multi-family residential with no driveway to main roadway. The results of the speed study show an 85th percentile speed of 43 mph and a 10 mph pace range of 34 to 43 mph. Although the data may suggest a higher speed, but in effort of maintaining consistency with speeds of adjacent segments, it is recommended that the existing 35 mph speed limit be maintained. For enforcement, a 35 mph speed sign should be installed eastbound east of Hawthorne Avenue.

### **Crenshaw Boulevard**

#### **120<sup>th</sup> Street to El Segundo Boulevard**

This portion of Crenshaw Boulevard a six lane divided roadway. Currently, it has a posted speed limit of 40 mph. The adjacent land uses include dense commercial, many large businesses-industrial, and multi-family residential. With the results of the speed study showing an 85th percentile speed of 36 mph and keeping speed consistency with adjacent segment north of 120th Street in the City of Inglewood, it is recommended that the existing 40 mph speed limit be maintained.

#### **El Segundo Boulevard to 132<sup>nd</sup> Street**

This section of Crenshaw Boulevard has 3 travel lanes per direction, the 3rd lane being shared with on-street parking at permitted/restricted times. Currently, the posted speed limit is 40 mph. The speed limits for the sections northerly and southerly are 35 mph. The E & T study results revealed an 85th percentile speed of 48 mph, median speed of 42 mph and a 10 mph pace range of 38 to 47 mph. Although the speed data suggests a higher 45 mph speed limit, however in an effort to maintain a speed closer to the speeds of adjacent segments, it is recommended the existing 40 mph speed limit remain.

### **Imperial Highway**

#### **Inglewood Avenue to Hawthorne Boulevard**

This section of Imperial Highway is a six lane roadway. The 3rd travel lane shares with on-street parking at scheduled times. The adjacent land uses are commercial and multi-family residential. Field observations include a posted speed limit of 35 mph within segment and at adjacent easterly section, nine intersections are an estimated 0.06 miles distance apart, many driveways, no shoulders, and the 3rd lane is shared with on-street parking. The speed study results show an 85th percentile speed of 42 mph and a 10 mph pace range of 32 to 41 mph. With that, and keeping consistency with adjacent land uses, it is recommended that the existing 35 mph remain.

### **Inglewood Avenue**

#### **120<sup>th</sup> Street to El Segundo Boulevard**

This portion of Inglewood Avenue has two travel lanes in each direction. Adjacent land use is a school-park, single-family and multi-family residential, and commercial. Traffic signals and crosswalks are located at 120th St, 124th St, El Segundo, and Broadway. The speed limit is 35 mph. Although the E & T speed study resulted with an 85th percentile of 42 mph, it is recommended that the existing 35 mph be maintained rather than 40 mph the speed data may suggest. This keeps continuity and flow with the 35 mph speeds of adjacent roadway segments.

**El Segundo Boulevard to 135<sup>th</sup> Street**

This portion of Inglewood Avenue is a four lane divided roadway with a posted speed limit of 35 mph. Adjacent land uses are dense commercial, some residential facing roadway and a church. The speed study results show an 85th percentile of 40 mph and a 10 mph pace range of 30-39 mph. With those factors, it is recommended that the existing 35 mph be maintained.

**Marine Avenue**

**Prairie Avenue to Yukon Avenue**

This portion of Marine Avenue has two travel lanes per direction. The posted speed limit for this segment and for the neighboring section in the City of Gardena is 35 mph. The adjacent land uses are mainly residential non-fronting to the roadway. Although, the speed study resulted with an 85th percentile speed of 43 mph, in an effort of keeping consistency with speed limits of adjacent areas, it is recommended that the existing 35 mph speed limit be maintained.

**Van Ness Avenue**

**Imperial Highway to 120<sup>th</sup> Street**

This portion of Van Ness Avenue has two travel lanes in each direction. The posted speed limits for the segment and neighboring sections are 35 mph. The E & T study results show an 85th percentile speed of 47 mph, a median speed of 43 mph and a 10 mph pace range of 38 to 47 mph. With the high density of single family dwellings, heavy on-street parking, heavy pedestrian and bicycle traffic, it is recommended that the existing 35 mph speed limit remain.

**120<sup>th</sup> Street to El Segundo Boulevard**

This portion of Van Ness Avenue has two travel lanes in each direction. The adjacent land uses are industrial, residential (non-fronting) a park. The posted speed limits for the segment and neighboring sections are 35 mph. The E & T study results show an 85th percentile speed of 46 mph. In an effort to maintain consistency with speeds of adjacent segments and of the bordering Cities, it is recommended that the existing speed limit be maintained.

**Locations of “Residence District”**

Three roadway segments listed for the 2021 Engineering and Traffic Study fall under the California Vehicle Code 515, “Residence District Speed Limit.” Explanations and requirements for Residence District are on Page 3. Due to the high number of single family resident dwellings we recommend maintaining the existing posted speed limits. These roadway segments are listed below:

**120th Street**

Felton Ave to Inglewood Ave                      Establish as Residence District - No Change 35 mph

**135<sup>th</sup> Street**

Aviation Blvd to Isis Ave                              Establish as Residence District - No Change 30 mph  
Isis Ave to Glasgow Pl                                  Establish as Residence District - No Change 30 mph

## **Support Explanations for “Residence District”**

### **120th Street**

#### **Felton Avenue to Inglewood Avenue**

This 0.25 mile section of 120th Street is a four lane roadway. Field observations include a 35 mph speed limit, heavy on-street parking, and the adjacent land uses are mainly single and multi-family residential with many driveways. Although, the speed study resulted with an 85th percentile speed of 43 mph, the need to retain the CVC defined lower speed is based on: (1) 17 single family dwellings with direct access driveways on the south-side, (2) 18 multi-family dwellings with direct access driveways on the north-side, and (3) heavy on-street parking. This segment meets the requirement for the CVC 515 "Residence District". Therefore with all these factors, it is recommended that the City establish the segment of 120th Street a "Residence District". With the residential nature of this area, it is recommended that the existing 35 mph be maintained.

### **135th Street**

#### **Aviation Boulevard to Isis Avenue**

This section of 135th Street is a four lane roadway. The current posted speed limit is 30 mph with an advisory 25 mph school zone. Although, the E & T study resulted with an 85th percentile speed of 40 mph, the need to retain the CVC defined lower speed is based on: (1) residential nature of the area, (2) within a 0.25 mile section there are 18 single family dwellings with direct access driveways on the north-side of the roadway, (3) heavy pedestrian traffic in area due to high school and (4) heavy on-street parking. This segment meets the requirement for the CVC 515 "Residence District". Therefore with all these factors, it is recommended that the City declare this segment of 135th Street a Residence District". With the residential nature of this area, it is recommended that the existing 30 mph be maintained.

#### **Isis Avenue to Glasgow Place**

This section of 135th Street has two lanes in each direction. The current posted speed limit is 30 mph with an advisory 25 mph school zone. Although, the E & T study resulted with an 85th percentile speed of 38 mph, the need to retain the CVC defined lower speed is based on: (1) residential nature of the area, (2) within a 0.18 mile section there are 14 single family dwellings with direct access driveways on the south-side of the roadway, (3) heavy pedestrian traffic in area due to Juan Cabrillo Elementary School and (4) heavy on-street parking. This segment meets the requirement for the CVC 515 "Residence District". Therefore with all these factors, it is recommended that the City declare/establish this segment of 135th Street a “Residence District”. With the residential nature of this area, it is recommended that the existing 30 mph be maintained.

### **Locations of Speed Limit Reductions**

At two locations, the Engineering and Traffic survey data indicates a need for a speed limit reduction. The newly measured values of the 85<sup>th</sup> percentile speeds, the 10 mph pace range, roadway characteristics such as horizontal/vertical curves, or high accident rates were factors used to make these recommendations. These segments and reasons for the recommendations are explained below:

#### **120<sup>th</sup> Street**

Prairie Ave to Crenshaw Blvd

Reduce from 40 mph to 35 mph

## **Support Explanations for “Speed Limit Reductions”**

### **120<sup>th</sup> Street**

#### **Prairie Avenue to Crenshaw Boulevard**

This portion of 120th Street is a four lane roadway. Field observations include that the land uses are commercial, an airport and residential non-fronting to the roadway, dense traffic with an average of 21,000 daily vehicles, no shoulders and no stopping anytime along this segment. The speed study resulted with an 85th percentile speed of 44 mph, however due to a higher than expected accident rate, it is recommended that the speed limit be reduced to 35 mph.

#### **Crenshaw Boulevard to Van Ness Avenue**

This portion of 120th Street has 2-3 lanes per direction with the 3rd lane being shared with on-street parking. Field observations include commercial centers, and residential non-fronting to the roadway, there are traffic signals with crosswalks at Crenshaw Ave, Wilkie Ave, and Van Ness Ave, "No Stopping Anytime" signs and no shoulders along both sides of the roadway. Although the speed study resulted with an 85th percentile speed of 43 mph, to keep consistency with speeds of adjacent segments it is recommended that the existing 40 mph speed limit be reduced to 35 mph.



**CITY OF HAWTHORNE  
SUMMARY OF RECOMMENDATIONS 2021**

<b>STREET LOCATION</b>	<b>EXISTING SPEED LIMIT</b>	<b>RECOMMENDED SPEED LIMIT</b>	<b>85<sup>TH</sup> PERCENTILE SPEED</b>	<b>AVERAGE SPEED</b>	<b>10 MPH PACE RANGE</b>	<b>PERCENT OF VEHICLES IN PACE</b>	<b>RECOMMENDATION - JUSTIFICATION</b>
<b><u>120<sup>TH</sup> STREET</u></b>							
FELTON AVE TO INGLEWOOD AVE	35	<b>35</b>	43	39	35-44	78%	NO CHANGE IN SPEED ESTABLISH RESIDENCE DISTRICT - CVC 515
INGLEWOOD AVE TO HAWTHORNE BLVD	35 / *25	<b>35</b>	42	37	31-40	74%	NO CHANGE - 85 <sup>TH</sup> PERCENTILE / RESIDENTIAL NATURE
HAWTHORNE BLVD TO PRAIRIE AVE	35 WB	<b>35</b>	43	39	34-43	89%	NO CHANGE – CONSISTENCY – POST EB
PRAIRIE AVE TO CRENSHAW BLVD	40	<b>35</b>	44	40	35-44	85%	REDUCE – HIGH ACCIDENT RATE
CRENSHAW BLVD TO VAN NESS AVE	40	<b>35</b>	43	37	33-42	67%	REDUCE - SPEED CONSISTENCY
<b><u>135<sup>TH</sup> STREET</u></b>							
AVIATION BLVD TO ISIS AVE	30 /*25	<b>30</b>	40	36	31-40	77%	NO CHANGE IN SPEED ESTABLISH RESIDENCE DISTRICT - CVC 515
ISIS AVE TO GLASGOW PL	30 /*25	<b>30</b>	38	34	30-39	84%	NO CHANGE IN SPEED ESTABLISH RESIDENCE DISTRICT - CVC 515
<b><u>147<sup>TH</sup> STREET</u></b>							
OCEAN GATE AVE TO INGLEWOOD AVE	30	<b>30</b>	31	25	21-30	64%	NO CHANGE - 85 <sup>TH</sup> PERCENTILE
<b><u>AVIATION BOULEVARD</u></b>							
(NCL) 13200 AVIATION TO ROSECREANS AVE	40	<b>40</b>	41	31	22-31	50%	NO CHANGE - 85 <sup>TH</sup> PERCENTILE
ROSECREANS AVE TO MARINE AVE	40	<b>40</b>	39	33	29-38	58%	NO CHANGE - 85 <sup>TH</sup> PERCENTILE
<b><u>BIRCH AVENUE</u></b>							
120TH STREET TO EL SEGUNDO BLVD	35	<b>35</b>	33	29	24-33	74%	NO CHANGE - 85 <sup>TH</sup> PERCENTILE

\*25 MPH WHEN CHILDREN PRESENT, SCHOOL ZONE  
WB = WESTBOUND, EB = EASTBOUND

<b>STREET LOCATION</b>	<b>EXISTING SPEED LIMIT</b>	<b>RECOMMENDED SPEED LIMIT</b>	<b>85<sup>TH</sup> PERCENTILE SPEED</b>	<b>AVERAGE SPEED</b>	<b>10 MPH PACE RANGE</b>	<b>PERCENT OF VEHICLES IN PACE</b>	<b>RECOMMENDATION - JUSTIFICATION</b>
<b><u>CRENSHAW BOULEVARD</u></b>							
120 <sup>TH</sup> STREET TO EL SEGUNDO BLVD	40	<b>40</b>	36	32	27-36	80%	NO CHANGE - 85 <sup>TH</sup> PERCENTILE / SPEED CONSISTENCY
EL SEGUNDO BLVD TO 132 <sup>ND</sup> STREET	40	<b>40</b>	48	42	38-47	73%	NO CHANGE - SPEED CONSISTENCY
<b><u>EL SEGUNDO BOULEVARD</u></b>							
AVIATION BLVD TO 405 FREEWAY	40	<b>40</b>	38	33	29-38	70%	NO CHANGE - 85 <sup>TH</sup> PERCENTILE
INGLEWOOD AVE TO HAWTHORNE BLVD	40	<b>40</b>	44	38	33-42	76%	NO CHANGE - 85 <sup>TH</sup> PERCENTILE
HAWTHORNE BLVD TO PRAIRIE AVE	40	<b>40</b>	37	32	26-35	73%	NO CHANGE - 85 <sup>TH</sup> PERCENTILE
PRAIRIE AVE TO YUKON AVE	40	<b>40</b>	38	34	30-39	72%	NO CHANGE - 85 <sup>TH</sup> PERCENTILE
YUKON AVE TO CRENSHAW BLVD	40 / *25	<b>40</b>	44	37	33-42	56%	NO CHANGE - 85 <sup>TH</sup> PERCENTILE
CRENSHAW BLVD TO VAN NESS AVE	40	<b>40</b>	35	28	23-32	61%	NO CHANGE - 85 <sup>TH</sup> PERCENTILE / SPEED CONSISTENCY
<b><u>HAWTHORNE BOULEVARD</u></b>							
IMPERIAL HWY TO 120 <sup>TH</sup> STREET	35	<b>35</b>	37	31	27-36	67%	NO CHANGE - 85 <sup>TH</sup> PERCENTILE
120 <sup>TH</sup> STREET TO EL SEGUNDO BLVD	35	<b>35</b>	35	27	21-30	59%	NO CHANGE - 85 <sup>TH</sup> PERCENTILE
EL SEGUNDO BLVD TO 135 <sup>TH</sup> STREET	35	<b>35</b>	35	30	28-37	68%	NO CHANGE - 85 <sup>TH</sup> PERCENTILE
135 <sup>TH</sup> STREET TO ROSECRANS AVE	35	<b>35</b>	35	31	27-36	73%	NO CHANGE - 85 <sup>TH</sup> PERCENTILE

WB = WESTBOUND, EB = EASTBOUND  
\*25 MPH WHEN CHILDREN PRESENT, SCHOOL ZONE

<b>STREET LOCATION</b>	<b>EXISTING SPEED LIMIT</b>	<b>RECOMMENDED SPEED LIMIT</b>	<b>85<sup>TH</sup> PERCENTILE SPEED</b>	<b>AVERAGE SPEED</b>	<b>10 MPH PACE RANGE</b>	<b>PERCENT OF VEHICLES IN PACE</b>	<b>RECOMMENDATION - JUSTIFICATION</b>
<b><u>IMPERIAL HIGHWAY</u></b>							
INGLEWOOD AVE TO HAWTHORNE BLVD	35	<b>35</b>	42	38	32-41	69%	NO CHANGE – SPEED CONSISTENCY
HAWTHORNE BLVD TO PRAIRIE AVE	35	<b>35</b>	40	33	27-36	66%	NO CHANGE - 85 <sup>TH</sup> PERCENTILE
<b><u>INGLEWOOD AVENUE</u></b>							
IMPERIAL HWY TO 120 <sup>TH</sup> STREET	35	<b>35</b>	39	35	30-39	81%	NO CHANGE - 85 <sup>TH</sup> PERCENTILE
120 <sup>TH</sup> STREET TO EL SEGUNDO BLVD	35 /*25	<b>35</b>	42	35	29-38	66%	NO CHANGE - 85 <sup>TH</sup> PERCENTILE / SPEED CONSISTENCY
EL SEGUNDO BLVD TO 135 <sup>TH</sup> STREET	35 /*25	<b>35</b>	40	35	30-39	53%	NO CHANGE - 85 <sup>TH</sup> PERCENTILE
135 <sup>TH</sup> STREET TO ROSECRANS AVE	35	<b>35</b>	37	31	25-34	71%	NO CHANGE - 85 <sup>TH</sup> PERCENTILE
<b><u>JACK NORTHROP AVENUE</u></b>							
PRAIRIE AVE TO CRENSHAW BLVD	40	<b>40</b>	38	29	23-32	50%	NO CHANGE - 85 <sup>TH</sup> PERCENTILE
<b><u>MARINE AVENUE</u></b>							
AVIATION BLVD TO 405 FREEWAY	40	<b>40</b>	38	32	31-40	60%	NO CHANGE - 85 <sup>TH</sup> PERCENTILE
PRAIRIE AVE TO YUKON AVE	35	<b>35</b>	43	38	34-43	68%	NO CHANGE – SPEED CONSISTENCY
<b><u>PRAIRIE AVENUE</u></b>							
IMPERIAL HWY TO 120 <sup>TH</sup> STREET	40 /*25	<b>40</b>	37	28	22-31	49%	NO CHANGE - 85 <sup>TH</sup> PERCENTILE
120 <sup>TH</sup> STREET TO EL SEGUNDO BLVD	40	<b>40</b>	41	32	26-35	62%	NO CHANGE - 85 <sup>TH</sup> PERCENTILE

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\*25 MPH WHEN CHILDREN PRESENT, SCHOOL ZONE

STREET LOCATION	EXISTING SPEED LIMIT	RECOMMENDED SPEED LIMIT	85 <sup>TH</sup> PERCENTILE SPEED	AVERAGE SPEED	10 MPH PACE RANGE	PERCENT OF VEHICLES IN PACE	RECOMMENDATION - JUSTIFICATION
<b><u>PRAIRIE AVENUE (CONTINUED)</u></b>							
EL SEGUNDO BLVD TO 135 <sup>TH</sup> STREET	40 /*25	40	42	36	31-40	72%	NO CHANGE - 85 <sup>TH</sup> PERCENTILE
135 <sup>TH</sup> STREET TO ROSECRANS AVE	40 NB/*25	40	39	35	31-40	86%	NO CHANGE - 85 <sup>TH</sup> PERCENTILE / POST SB
ROSECRANS AVE TO MARINE AVE	40 /*25	40	42	38	34-43	81%	NO CHANGE - 85 <sup>TH</sup> PERCENTILE
<b><u>ROSECRANS AVENUE</u></b>							
AVIATION BLVD TO HINDRY AVE	40	40	37	31	24-33	66%	NO CHANGE - 85 <sup>TH</sup> PERCENTILE
405 FWY TO INGLEWOOD AVE	40	40	45	41	36-45	77%	NO CHANGE - 85 <sup>TH</sup> PERCENTILE
PRAIRIE AVE TO YUKON AVE	40	40	44	38	34-43	72%	NO CHANGE - 85 <sup>TH</sup> PERCENTILE
YUKON AVE TO CRENSHAW BLVD	40	40	44	39	34-43	77%	NO CHANGE - 85 <sup>TH</sup> PERCENTILE
<b><u>VAN NESS AVENUE</u></b>							
IMPERIAL HWY TO 120 <sup>TH</sup> ST	35 /*25	35	47	43	38-47	74%	NO CHANGE – HIGH RESIDENTIAL DENSITY
120 <sup>TH</sup> ST TO EL SEGUNDO BLVD	35	35	46	40	33-42	68%	NO CHANGE – SPEED CONSISTENCY

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\*25 MPH WHEN CHILDREN PRESENT, SCHOOL ZONE  
 NB = NORTHBOUND, SB = SOUTHBOUND

# **APPENDIX A**

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE



120TH STREET

FELTON AVE TO INGLEWOOD AVE

DATE: 6/15/2021  
TIME: 10:55 AM - 11:30 AM

SURVEY BY: NDS / C. BUENIDA  
CHECKED BY: JERRY STOCK

PREVAILING SPEED DATA	
LOCATION OF SURVEY	EAST OF FELTON
DATE OF SURVEY	6/15/2021
85th PERCENTILE	43 MPH
10 MPH PACE	35-44 MPH
PERCENT IN PACE	78%
POSTED SPEED LIMIT	35 MPH

ACCIDENT HISTORY	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	0
TOTAL ACCIDENTS	2
ANNUAL ACCIDENT RATE	0.00 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.00 ACCIDENTS PER MVM (SPEED RELATED ONLY)

TRAFFIC FACTORS	
AVERAGE DAILY TRAFFIC	10,800
LANE CONFIGURATION	2 LANES PER DIRECTION
TRAFFIC CONTROLS	SIGNAL - FELTON / INGLEWOOD
CROSSWALKS	AT FELTON / INGLEWOOD (sch)
PEDESTRIAN/BICYCLES	YES / YES
TRUCK TRAFFIC	NO
ON-STREET PARKING	YES (Heavy)
OTHER	NO PARKING TUESDAYS (w/Restricted Times) AREAS OF RED CURB

ROADWAY FACTORS	
LENGTH OF SEGMENT (MILES)	0.25
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	FAIR-POOR
SIDEWALKS/DRIVEWAYS	YES / YES (Heavy)
STREET LIGHTING	YES
OTHER	SOLID DOUBLE YELLOW CENTERLINE

ADJACENT LAND USE	COMMERCIAL / SINGLE & MULTI-FAMILY RESIDENTIAL
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RECOMMENDED SPEED LIMIT	35 MPH
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SPEED LIMIT CHANGE	NO CHANGE - ESTABLISH CVC 515 RESIDENCE DISTRICT
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**JUSTIFICATION:**

This 0.25 mile section of 120th Street is a four lane roadway. Field observations include a 35 mph speed limit, heavy on-street parking, and the adjacent land uses are mainly single and multi-family residential with many driveways. Although, the speed study resulted with an 85th percentile speed of 43 mph the need to retain the CVC defined lower speed is based on: (1) 17 single family dwellings with direct access driveways on the south-side, (2) 18 multi-family dwellings with direct access driveways on the north-side, and (3) heavy on-street parking. This segment meets the requirement for the CVC 515 "Residence District". Therefore with all these factors, it is recommended that the City establish the segment of 120th Street a "Residence District". With the residential nature of this area, it is recommended that the existing 35 mph be maintained.

# Spot Speed Study

Prepared by: National Data & Surveying Services

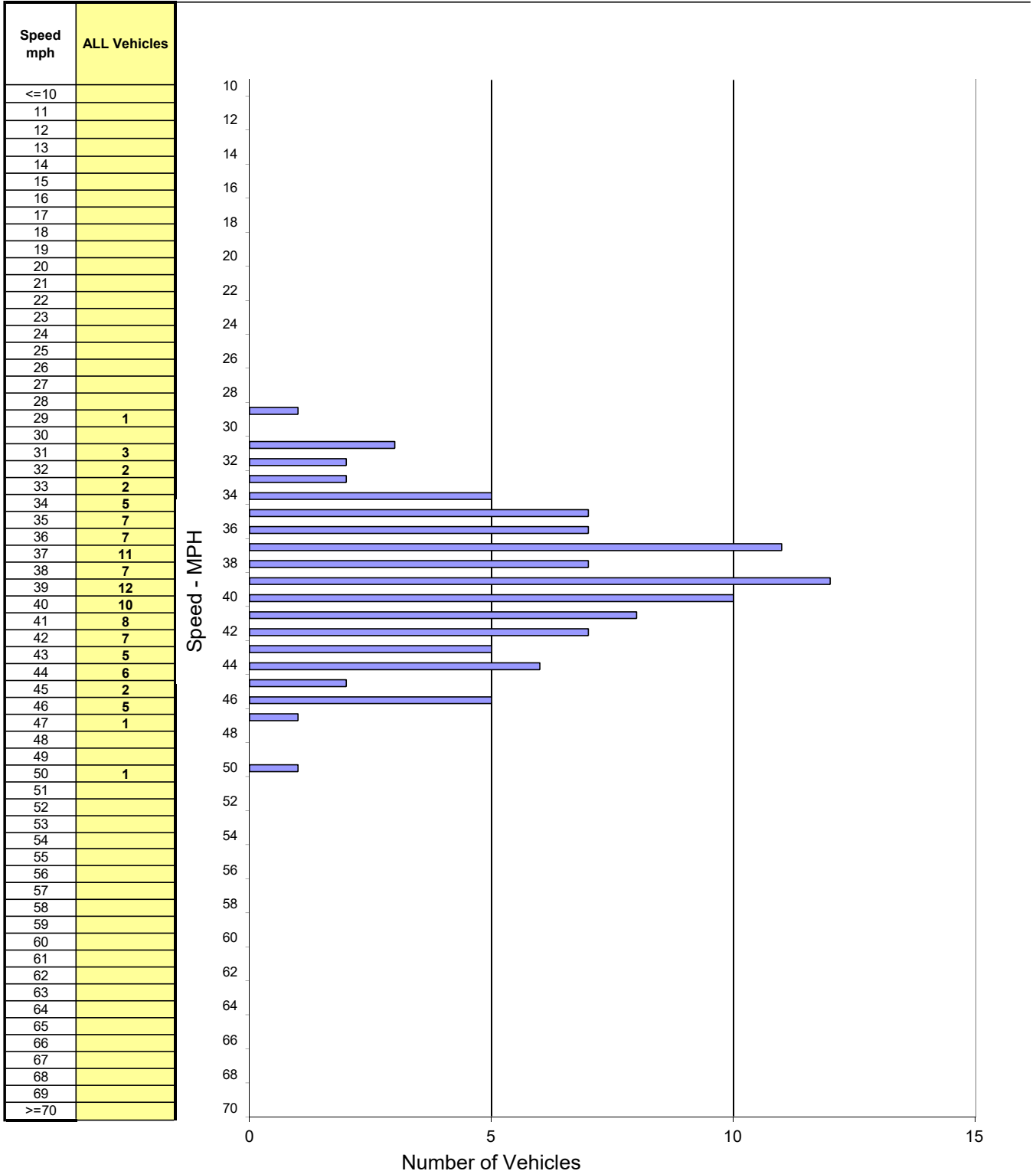
## City of Hawthorne

DATE: 6/15/2021  
TIME: 10:55-11:30

Location: 4901 120th St  
Posted Speed: 35 MPH Clear/Dry

Project #: 21-020178-003

### Eastbound & Westbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	102	29 - 50	39 mph	43 mph	35 - 44	80	78%	12% / 13	9% / 9

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE

**HCI**

**120TH STREET**

**INGLEWOOD AVE TO HAWTHORNE BLVD**

DATE: 6/15/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 10:05 AM - 10:50 AM

CHECKED BY: JERRY STOCK

PREVAILING SPEED DATA	
LOCATION OF SURVEY	WEST OF RAMONA
DATE OF SURVEY	6/15/2021
85th PERCENTILE	42 MPH
10 MPH PACE	31-40 MPH
PERCENT IN PACE	74%
POSTED SPEED LIMIT	35 MPH / *25 MPH

ACCIDENT HISTORY	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	0
TOTAL ACCIDENTS	10
ANNUAL ACCIDENT RATE	0.00 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.00 ACCIDENTS PER MVM (SPEED RELATED ONLY)

TRAFFIC FACTORS	
AVERAGE DAILY TRAFFIC	14,000
LANE CONFIGURATION	2 LANES PER DIRECTION
TRAFFIC CONTROLS	SIGNAL - INGLEWOOD / **TRURO / EUCALYPTUS / RAMONA / GREVILLEA / HAWTHORNE
CROSSWALKS	AT INGLEWOOD (sch)/ EUCALYPTUS (sch) / RAMONA / GREVILLEA / HAWTHORNE
PEDESTRIAN/BICYCLES	YES / YES
TRUCK TRAFFIC	NO
ON-STREET PARKING	YES
OTHER	NO PARKING TUESDAYS (Restricted Times) / NO VEHICLES OVER 6 ft HIGH *1 FLASHING BEACON AT TRURO

ROADWAY FACTORS	
LENGTH OF SEGMENT (MILES)	1.00
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	FAIR-POOR
SIDEWALKS/DRIVEWAYS	YES / YES
STREET LIGHTING	YES
OTHER	2 WAY LEFT TURN CENTERLANE & PAINTED ISLAND

ADJACENT LAND USE	COMMERCIAL / CHURCH / SCHOOL / SINGLE & MULTI-FAMILY RESIDENTIAL
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RECOMMENDED SPEED LIMIT	35 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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**JUSTIFICATION:**  
This portion of 120th Street has two travel lanes per direction. It has a posted 35 mph speed limit. The adjacent land uses are single and multi-family residential with many driveways along both sides of roadway. The E & T Study results show an 85th percentile speed of 42 mph and a 10 mph pace range of 31 to 40 mph. With that and the residential nature of the segment, it is recommended that the existing 35 mph speed limit be maintained.

\*25 MPH WHEN CHILDREN PRESENT, SCHOOL ZONE

\*FB = FLASHING BEACON



# Spot Speed Study

Prepared by: National Data & Surveying Services

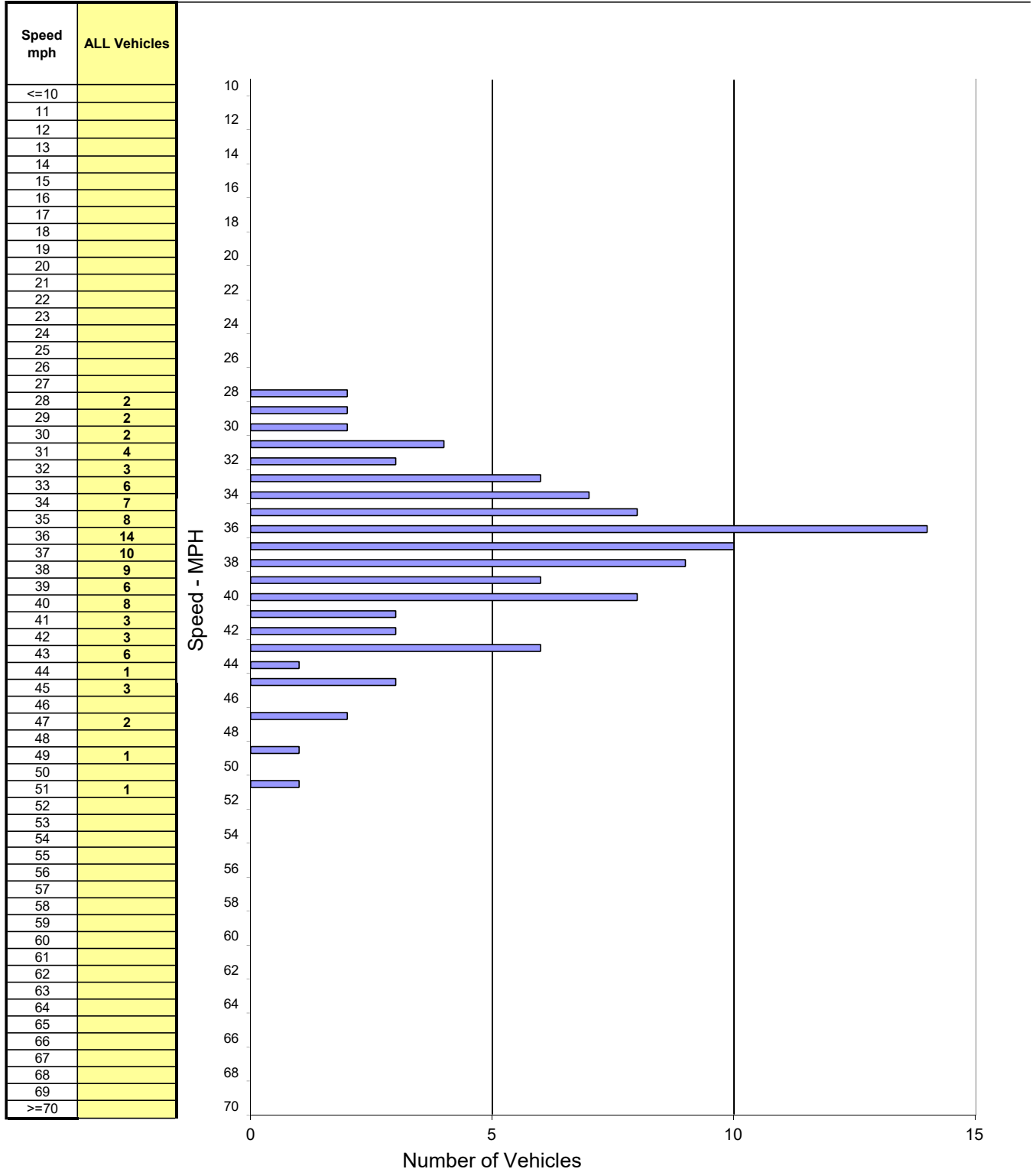
## City of Hawthorne

DATE: 6/15/2021  
TIME: 10:05-10:50

Location: 4615 120th St  
Posted Speed: 35 MPH Clear/Dry

Project #: 21-020178-004

### Eastbound & Westbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	101	28 - 51	37 mph	42 mph	31 - 40	75	74%	5% / 6	20% / 20

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE



**120TH STREET**

**HAWTHORNE BLVD TO PRAIRIE AVE**

DATE: 6/15/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 9:35 AM - 10:00 AM

CHECKED BY: JERRY STOCK

<b>PREVAILING SPEED DATA</b>	
LOCATION OF SURVEY	EAST OF CEDAR
DATE OF SURVEY	6/15/2021
85th PERCENTILE	43 MPH
10 MPH PACE	34-43 MPH
PERCENT IN PACE	89%
POSTED SPEED LIMIT	35 MPH WB

<b>ACCIDENT HISTORY</b>	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	1
TOTAL ACCIDENTS	14
ANNUAL ACCIDENT RATE	0.50 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.17 ACCIDENTS PER MVM (SPEED RELATED ONLY)

<b>TRAFFIC FACTORS</b>	
AVERAGE DAILY TRAFFIC	16,000
LANE CONFIGURATION	2 LANES PER DIRECTION
TRAFFIC CONTROLS	SIGNAL - HAWTHORNE / BIRCH / FREEMAN / YORK / PRAIRIE
CROSSWALKS	AT HAWTHORNE / BIRCH / FREEMAN / YORK / PRAIRIE
PEDESTRIAN/BICYCLES	YES / YES
TRUCK TRAFFIC	NO
ON-STREET PARKING	YES
OTHER	AREAS OF NO STOPPING ANYTIME NO PARKING TUESDAYS (Restricted Times) / NO VEHICLES OVER 6 ft HIGH

<b>ROADWAY FACTORS</b>	
LENGTH OF SEGMENT (MILES)	0.50
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	FAIR-POOR
SIDEWALKS/DRIVEWAYS	YES / YES
STREET LIGHTING	YES
OTHER	2 WAY LEFT TURN CENTERLANE w/LEFTS

<b>ADJACENT LAND USE</b>	COMMERCIAL / SINGLE & MULTI-FAMILY RESIDENTIAL (NF)
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<b>RECOMMENDED SPEED LIMIT</b>	35 MPH
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<b>SPEED LIMIT CHANGE</b>	NO CHANGE - POST EASTBOUND
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**JUSTIFICATION:**

This portion of 120th Street has two travel lanes per direction. A 35 mph speed limit is posted for westbound direction. Traffic signals with crosswalks are located at Hawthorne, Birch, Freeman, York, and Prairie. The adjacent land use is commercial, single and multi-family residential with no driveway to main roadway. The results of the speed study show an 85th percentile speed of 43 mph and a 10 mph pace range of 34 to 43 mph. Although the data may suggest a higher speed but in effort of maintaining consistency with speeds of adjacent segments, it is recommended that the existing 35 mph speed limit be maintained. For enforcement, a 35 mph speed sign should be installed eastbound e/o Hawthorne Avenue.

# Spot Speed Study

Prepared by: National Data & Surveying Services

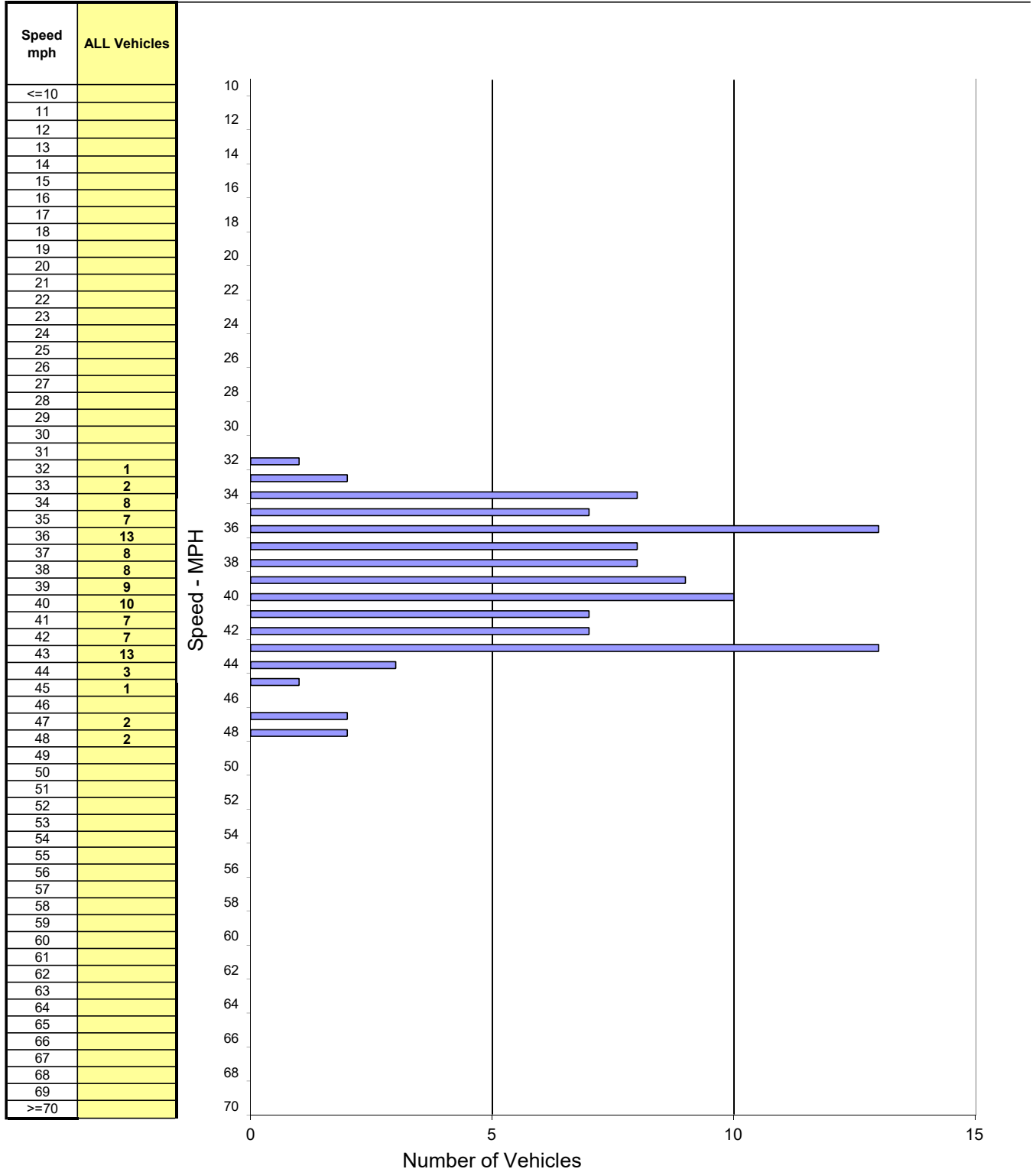
## City of Hawthorne

DATE: 6/15/2021  
TIME: 09:35-10:00

Location: 4225 120th St  
Posted Speed: 35 MPH Clear/Dry

Project #: 21-020178-005

### Eastbound & Westbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	101	32 - 48	39 mph	43 mph	34 - 43	90	89%	2% / 3	8% / 8

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE

**HCI**

**120TH STREET**

**PRAIRIE AVE TO CRENSHAW BLVD**

DATE: 6/15/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 9:00 AM - 9:30 AM

CHECKED BY: JERRY STOCK

PREVAILING SPEED DATA	
LOCATION OF SURVEY	EAST OF CEDAR
DATE OF SURVEY	6/15/2021
85th PERCENTILE	44 MPH
10 MPH PACE	35-44 MPH
PERCENT IN PACE	85%
POSTED SPEED LIMIT	40 MPH

ACCIDENT HISTORY	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	6
TOTAL ACCIDENTS	14
ANNUAL ACCIDENT RATE	3.00 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.39 ACCIDENTS PER MVM (SPEED RELATED ONLY)

TRAFFIC FACTORS	
AVERAGE DAILY TRAFFIC	21,000
LANE CONFIGURATION	2 LANES PER DIRECTION
TRAFFIC CONTROLS	SIGNAL - PRAIRIE / DOTY / 105 FWY EB OFF-ON RAMP / CRENSHAW
CROSSWALKS	AT PRAIRIE / DOTY / CRENSHAW
PEDESTRIAN/BICYCLES	PARTIAL / NO
TRUCK TRAFFIC	NO
ON-STREET PARKING	NO STOPPING ANYTIME
OTHER	NO SHOULDERS

ROADWAY FACTORS	
LENGTH OF SEGMENT (MILES)	1.00
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	GOOD
SIDEWALKS/DRIVEWAYS	YES / YES (WB) - YES / NO (EB)
STREET LIGHTING	YES
OTHER	SOLID DOUBLE YELLOW CENTERLINE

ADJACENT LAND USE	COMMERCIAL / AIRPORT / RESIDENTIAL (NF)
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RECOMMENDED SPEED LIMIT	35 MPH
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SPEED LIMIT CHANGE	REDUCE
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**JUSTIFICATION:**

This portion of 120th Street is a four lane roadway. Field observations include the land uses are commercial, an airport and residential non-fronting to the roadway, dense traffic with an average of 21,000 daily vehicles, no shoulders and no stopping anytime along this segment. The speed study resulted with an 85th percentile speed of 44 mph, however due to a higher than expected accident rate, it is recommended that the speed limit for be reduced to 35 mph.

# Spot Speed Study

Prepared by: National Data & Surveying Services

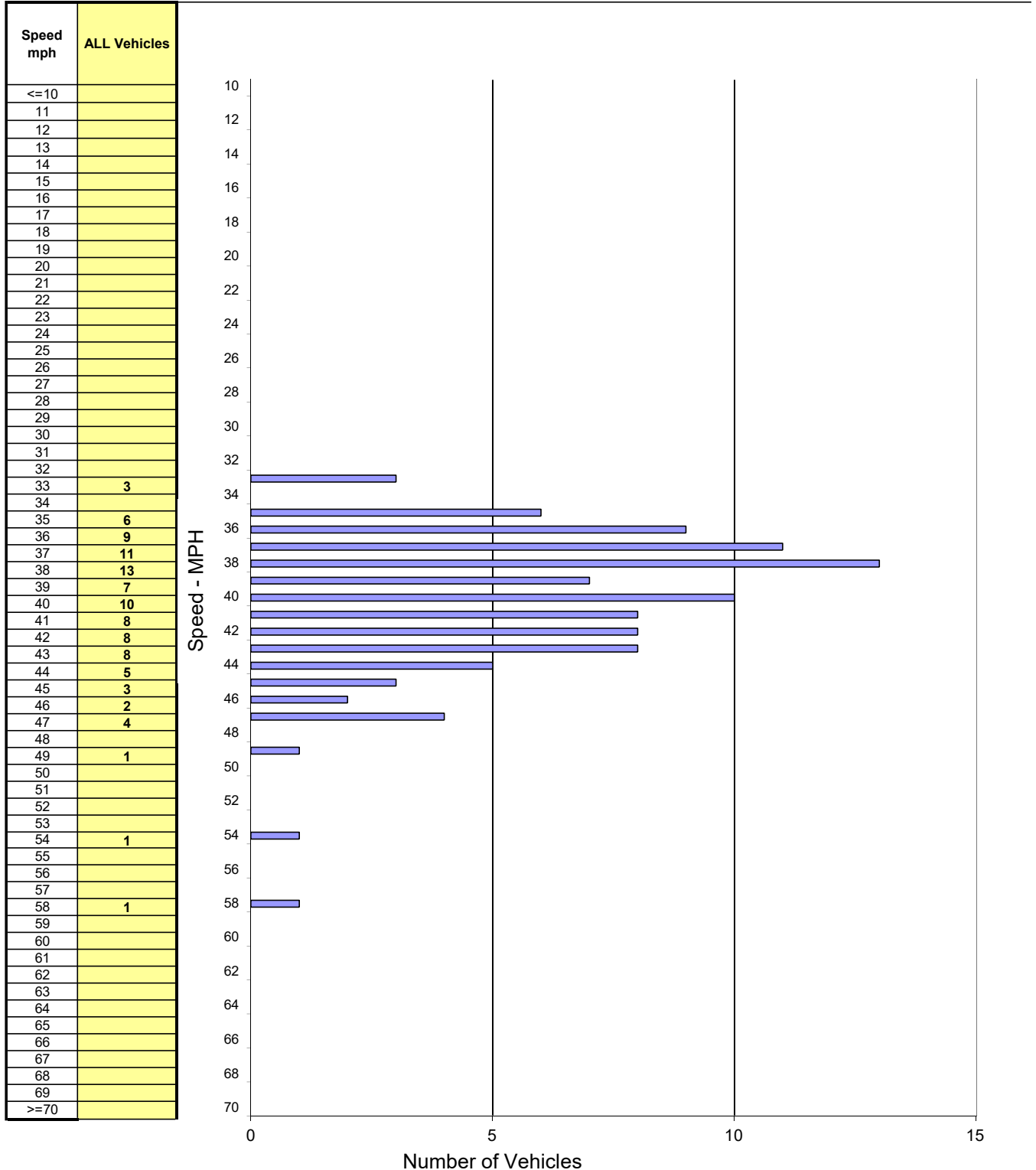
## City of Hawthorne

DATE: 6/15/2021  
TIME: 09:00-09:30

Location: 120th St 450' E/O Prairie Ave  
Posted Speed: 40 MPH Clear/Dry

Project #: 21-020178-006

### Eastbound & Westbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	100	33 - 58	40 mph	44 mph	35 - 44	85	85%	3% / 3	12% / 12

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE



120TH STREET

CRENSHAW AVE TO VAN NESS AVE

DATE: 6/15/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 2:50 PM - 3:40 PM

CHECKED BY: JERRY STOCK

PREVAILING SPEED DATA	
LOCATION OF SURVEY	EAST OF CEDAR
DATE OF SURVEY	6/15/2021
85th PERCENTILE	43 MPH
10 MPH PACE	33-42 MPH
PERCENT IN PACE	67%
POSTED SPEED LIMIT	40 MPH

ACCIDENT HISTORY	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	1
TOTAL ACCIDENTS	5
ANNUAL ACCIDENT RATE	0.50 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.17 ACCIDENTS PER MVM (SPEED RELATED ONLY)

TRAFFIC FACTORS	
AVERAGE DAILY TRAFFIC	16,000
LANE CONFIGURATION	2 LANES (WB) - 2-3 LANES (EB) Lane drop at Wilkie to Van Ness
TRAFFIC CONTROLS	SIGNAL - CRENSHAW / WILKIE / VAN NESS
CROSSWALKS	AT CRENSHAW / WILKIE / VAN NESS
PEDESTRIAN/BICYCLES	YES / FEW
TRUCK TRAFFIC	FEW
ON-STREET PARKING	NO STOPPING ANYTIME
OTHER	NO SHOULDERS

ROADWAY FACTORS	
LENGTH OF SEGMENT (MILES)	0.50
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	GOOD
SIDEWALKS/DRIVEWAYS	YES / YES
STREET LIGHTING	YES
OTHER	2 WAY LEFT TURN CENTERLANE w/ LEFTS

ADJACENT LAND USE	COMMERCIAL /HOLLY PARK / RESIDENTIAL (NF)
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RECOMMENDED SPEED LIMIT	35 MPH
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SPEED LIMIT CHANGE	REDUCE
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**JUSTIFICATION:**  
This portion of 120th Street has 2-3 lanes per direction with the 3rd lane being shared with on-street parking. Field observations include commercial centers, and residential non-fronting to the roadway, there are traffic signals with crosswalks at Crenshaw Ave, Wilkie Ave, and Van Ness Ave, "No Stopping Anytime" signs and no shoulders along both sides of the roadway. Although the speed study resulted with an 85th percentile speed of 43 mph, to keep consistency with speeds of adjacent segments it is recommended that the existing 40 mph speed limit be reduced to 35 mph.

# Spot Speed Study

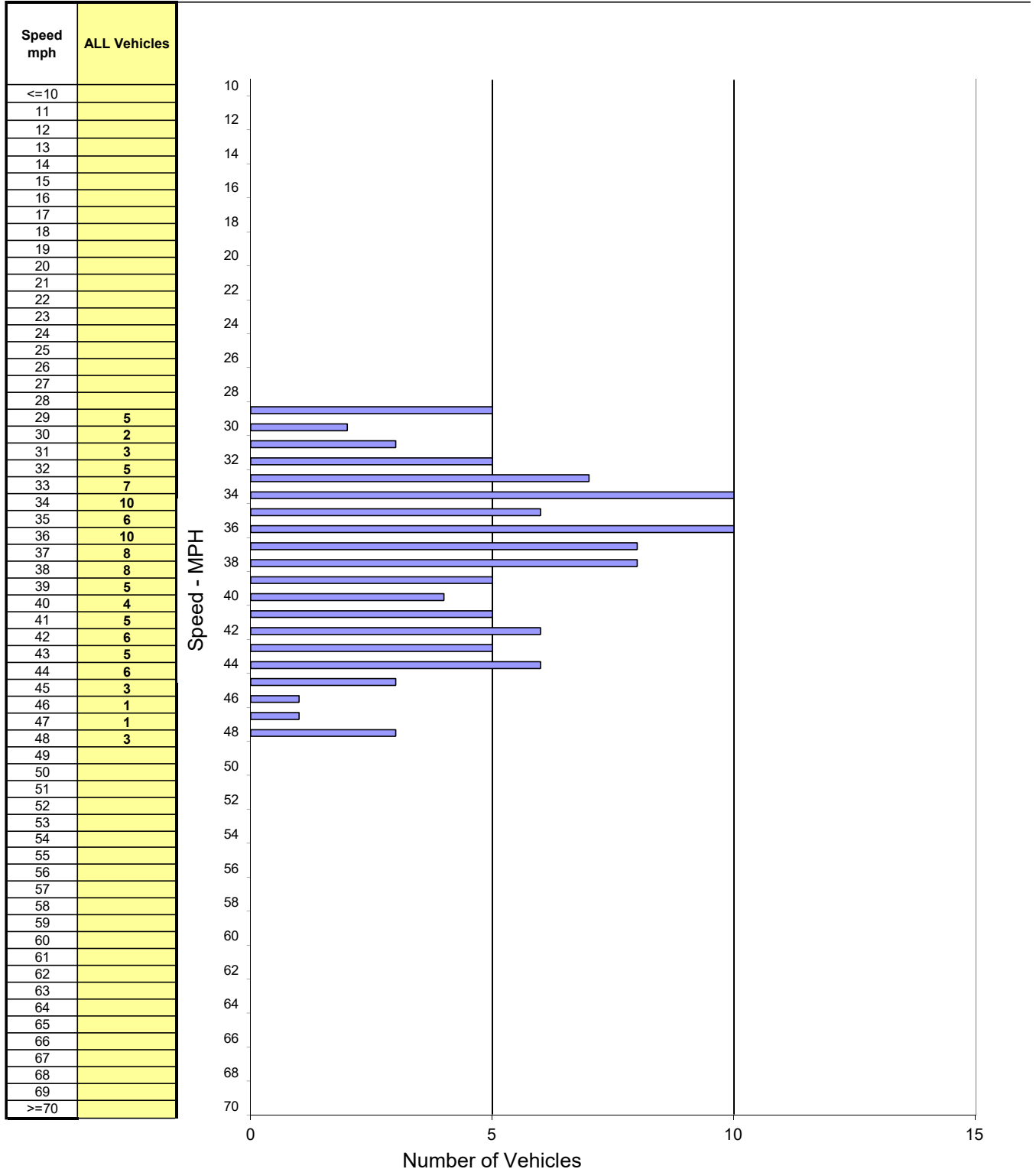
Prepared by: National Data & Surveying Services

## City of Hawthorne

DATE: 6/15/2021  
TIME: 14:50-15:40

Location: 120th St 200' W/O Central Park Cir  
Posted Speed: 40 MPH Clear/Dry Project #: 21-020178-007

### Eastbound & Westbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	103	29 - 48	37 mph	43 mph	33 - 42	69	67%	14% / 15	19% / 19

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE



**135th STREET**

**AVIATION BLVD TO ISIS AVE**

DATE: 6/16/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 1:30 PM - 2:20 PM

CHECKED BY: JERRY STOCK

<b>PREVAILING SPEED DATA</b>	
LOCATION OF SURVEY	EAST OF AVIATION
DATE OF SURVEY	6/16/2021
85th PERCENTILE	40 MPH
10 MPH PACE	31-40 MPH
PERCENT IN PACE	77%
POSTED SPEED LIMIT	30 MPH / 25 MPH*

<b>ACCIDENT HISTORY</b>	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	0
TOTAL ACCIDENTS	0
ANNUAL ACCIDENT RATE	0.00 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.00 ACCIDENTS PER MVM (SPEED RELATED ONLY)

<b>TRAFFIC FACTORS</b>	
AVERAGE DAILY TRAFFIC	5,400
LANE CONFIGURATION	2 LANES PER DIRECTION
TRAFFIC CONTROLS	SIGNAL - AVIATION / ISIS
CROSSWALKS	AT AVIATION (sch) / ISIS (sch)
PEDESTRIAN/BICYCLES	YES / YES
TRUCK TRAFFIC	FEW
ON-STREET PARKING	YES
OTHER	2 HR PARKING 8am-6pm AREAS OF RED CURB FRONT OF SCHOOL

<b>ROADWAY FACTORS</b>	
LENGTH OF SEGMENT (MILES)	0.25
VERTICAL CURVE	NONE, EXCEPT DIP AT ISIS
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	GOOD
SIDEWALKS/DRIVEWAYS	YES / YES
STREET LIGHTING	YES
OTHER	SOLID DBL YELLOW CENTERLINE

ADJACENT LAND USE	RESIDENTIAL (F) / HIGH SCHOOL
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RECOMMENDED SPEED LIMIT	30 MPH
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SPEED LIMIT CHANGE	NO CHANGE - DECLARE AS RESIDENCE DISTRICT CVC 515
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**JUSTIFICATION:**

This section of 135th Street is a four lane roadway. The current posted speed limit is 30 mph with an advisory 25 mph school zone. Although, the E & T study resulted with an 85th percentile speed of 40 mph the need to retain the CVC defined lower speed is based on: (1) residential nature of the area, (2) within a 0.25 mile section there are 18 single family dwellings with direct access driveways on the north-side of the roadway, (3) heavy pedestrian traffic in area due to high school and (4) heavy on-street parking. This segment meets the requirement for the CVC 515 "Residence District". Therefore with all these factors, it is recommended that the City declare this segment of 120th Street a Residence District". With the residential nature of this area, it is recommended that the existing 30 mph be maintained.



# Spot Speed Study

Prepared by: National Data & Surveying Services

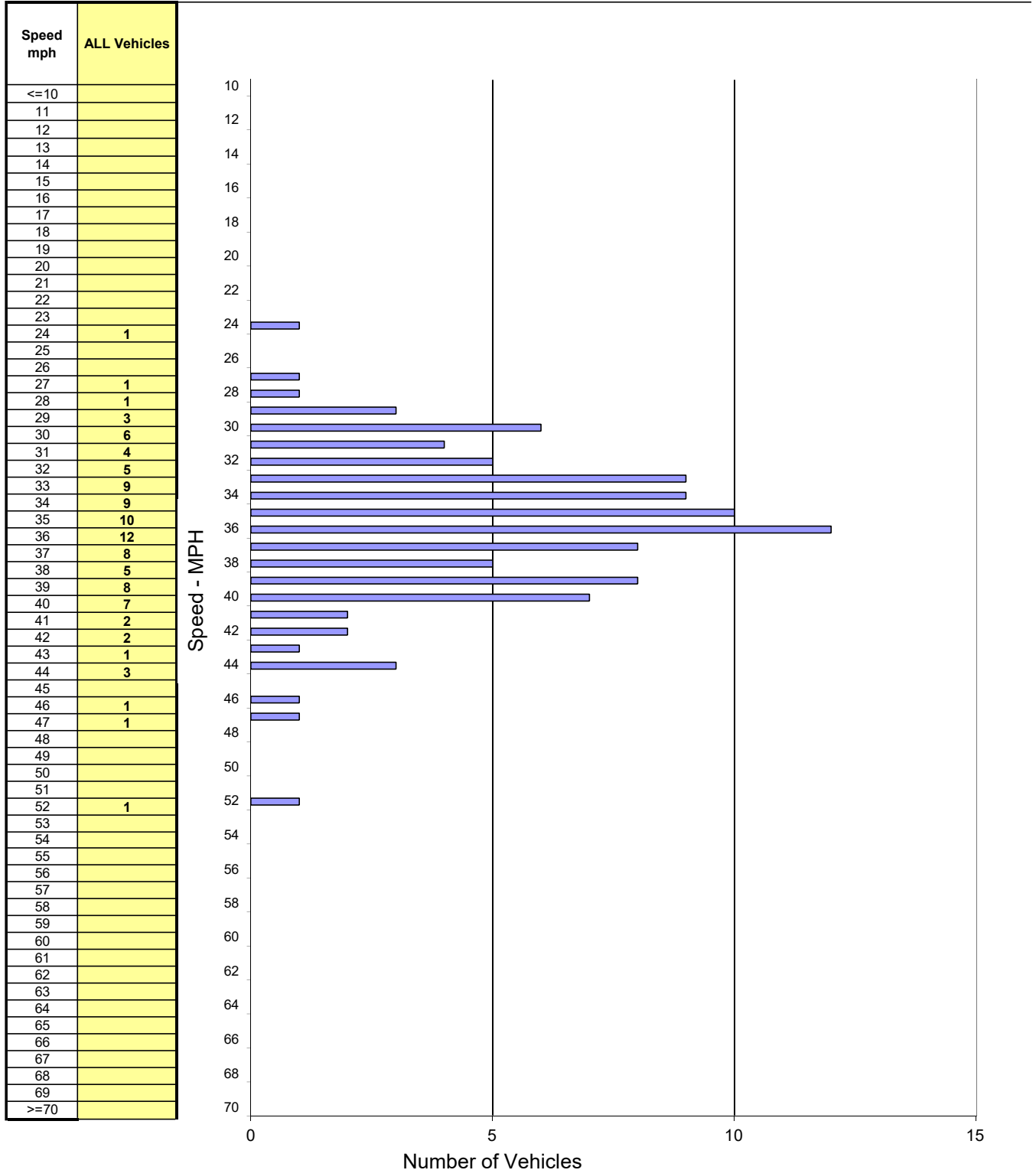
## City of Hawthorne

DATE: 6/16/2021  
TIME: 13:30-14:20

Location: 5447 W 135th St  
Posted Speed: 30 MPH Clear/Dry

Project #: 21-020178-014

### Eastbound & Westbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	100	24 - 52	36 mph	40 mph	31 - 40	77	77%	12% / 12	11% / 11

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE



**135th STREET**

**ISIS AVE TO GLASGOW PL**

DATE: 6/16/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 2:25 PM - 2:55 PM

CHECKED BY: JERRY STOCK

<b>PREVAILING SPEED DATA</b>	
LOCATION OF SURVEY	WEST OF GLASGOW
DATE OF SURVEY	6/16/2021
85th PERCENTILE	38 MPH
10 MPH PACE	30-39 MPH
PERCENT IN PACE	84%
POSTED SPEED LIMIT	30 MPH / 25 MPH*

<b>ACCIDENT HISTORY</b>	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	0
TOTAL ACCIDENTS	0
ANNUAL ACCIDENT RATE	0.00 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.00 ACCIDENTS PER MVM (SPEED RELATED ONLY)

<b>TRAFFIC FACTORS</b>	
AVERAGE DAILY TRAFFIC	5,350
LANE CONFIGURATION	2 LANES PER DIRECTION
TRAFFIC CONTROLS	SIGNAL - ISIS, STOP - GLASGOW
CROSSWALKS	AT ISIS (sch) / GLASGOW (sch)
PEDESTRIAN/BICYCLES	YES / YES
TRUCK TRAFFIC	FEW
ON-STREET PARKING	YES
OTHER	2 HR PARKING 8am-6pm LOADING ZONE IN FRONT OF SCHOOL

<b>ROADWAY FACTORS</b>	
LENGTH OF SEGMENT (MILES)	0.18
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	GOOD
SIDEWALKS/DRIVEWAYS	YES / YES
STREET LIGHTING	YES
OTHER	SOLID DBL YELLOW CENTERLINE NO TRUCKS OVER 4 TONS

<b>ADJACENT LAND USE</b>	RESIDENTIAL (F) / ELEMENTARY SCHOOL
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<b>RECOMMENDED SPEED LIMIT</b>	30 MPH
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<b>SPEED LIMIT CHANGE</b>	NO CHANGE IN SPEED - DECLARE AS RESIDENCE DISTRICT CVC 515
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**JUSTIFICATION:**

This section of 135th Street has two lanes in each direction. The current posted speed limit is 30 mph with an advisory 25 mph school zone. Although, the E & T study resulted with an 85th percentile speed of 38 mph the need to retain the CVC defined lower speed is based on: (1) residential nature of the area, (2) within a 0.18 mile section there are 14 single family dwellings with direct access driveways on the south-side of the roadway, (3) heavy pedestrian traffic in area due to Juan Cabrillo Elementary School and (4) heavy on-street parking. This segment meets the requirement for the CVC 515 "Residence District". Therefore with all these factors, it is recommended that the City declare/establish the segment of 120th Street a Residence District". With the residential nature of this area, it is recommended that the existing 30 mph be maintained.

# Spot Speed Study

Prepared by: National Data & Surveying Services

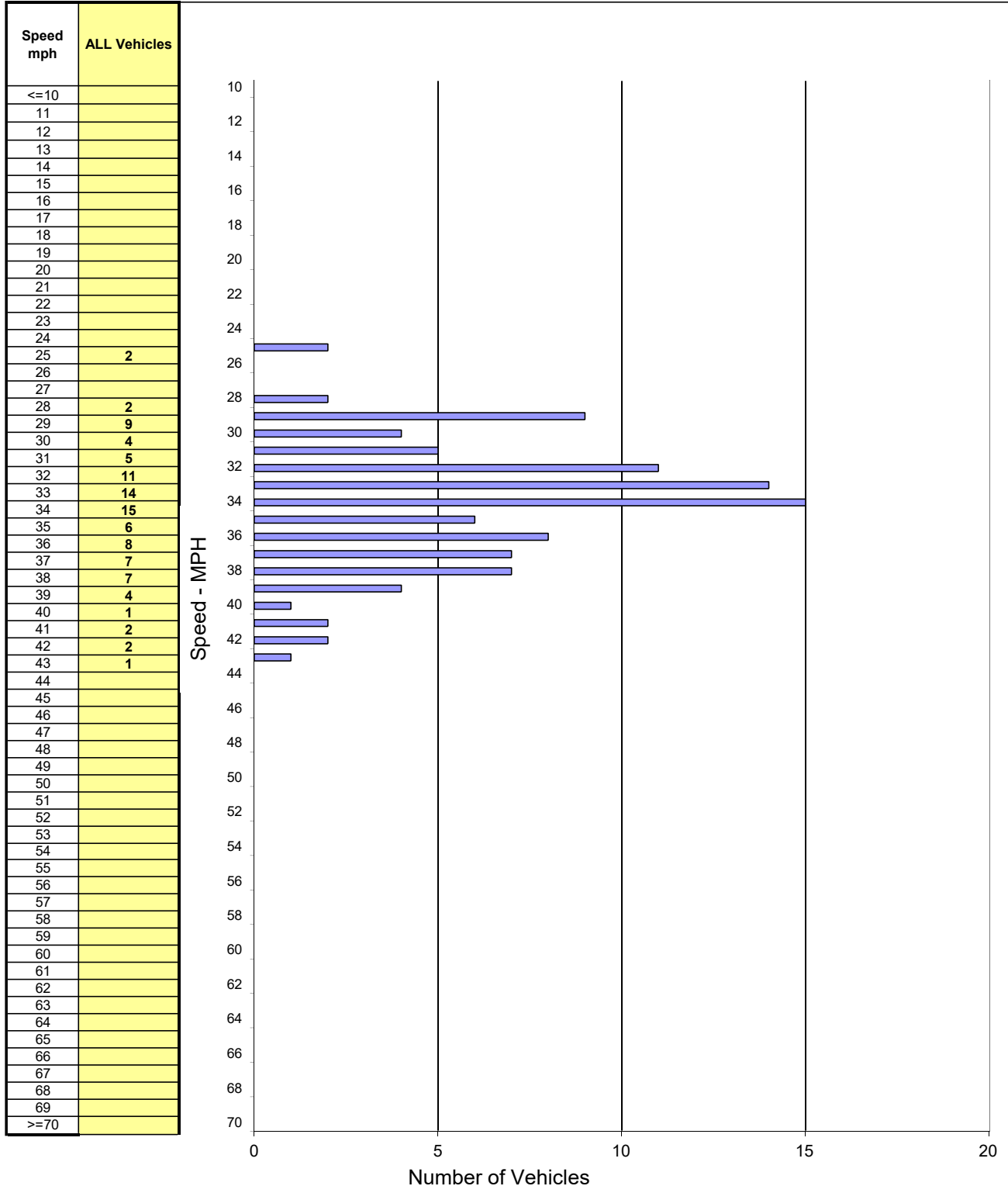
## City of Hawthorne

DATE: 6/16/2021  
TIME: 14:25-14:55

Location: 5316 135th St  
Posted Speed: 30 MPH Clear/Dry

Project #: 21-020178-015

### Eastbound & Westbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	100	25 - 43	34 mph	38 mph	29 - 38	86	86%	4% / 4	10% / 10

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE

**HCI**

**147th STREET**

**OCEAN GATE AVE TO INGLEWOOD AVE**

DATE: 6/16/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 10:00 AM - 10:50 AM

CHECKED BY: JERRY STOCK

PREVAILING SPEED DATA	
LOCATION OF SURVEY	WEST OF GLASGOW
DATE OF SURVEY	6/16/2021
85th PERCENTILE	31 MPH
10 MPH PACE	21-30 MPH
PERCENT IN PACE	64%
POSTED SPEED LIMIT	30 MPH (w/Flashing Beacon)

ACCIDENT HISTORY	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	0
TOTAL ACCIDENTS	3
ANNUAL ACCIDENT RATE	0.00 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.00 ACCIDENTS PER MVM (SPEED RELATED ONLY)

TRAFFIC FACTORS	
AVERAGE DAILY TRAFFIC	11,450
LANE CONFIGURATION	1 LANE PER DIRECTION
TRAFFIC CONTROLS	SIGNAL - INGLEWOOD, STOP - OCEAN GATE
CROSSWALKS	AT INGLEWOOD (sch) / OCEAN GATE
PEDESTRIAN/BICYCLES	YES / FEW
TRUCK TRAFFIC	NO
ON-STREET PARKING	YES (Heavy)
OTHER	2 HR PARKING

ROADWAY FACTORS	
LENGTH OF SEGMENT (MILES)	0.33
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	GOOD
SIDEWALKS/DRIVEWAYS	YES / YES
STREET LIGHTING	YES
OTHER	PARTIAL RAISED MEDIAN ISLAND & PAINTED ISLAND

ADJACENT LAND USE	INDUSTRIAL / COMMERCIAL
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RECOMMENDED SPEED LIMIT	30 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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JUSTIFICATION:  
The recommended 30 mph speed limit is within 1.0 mph of the 85th percentile speed and meets CVC standards.

# Spot Speed Study

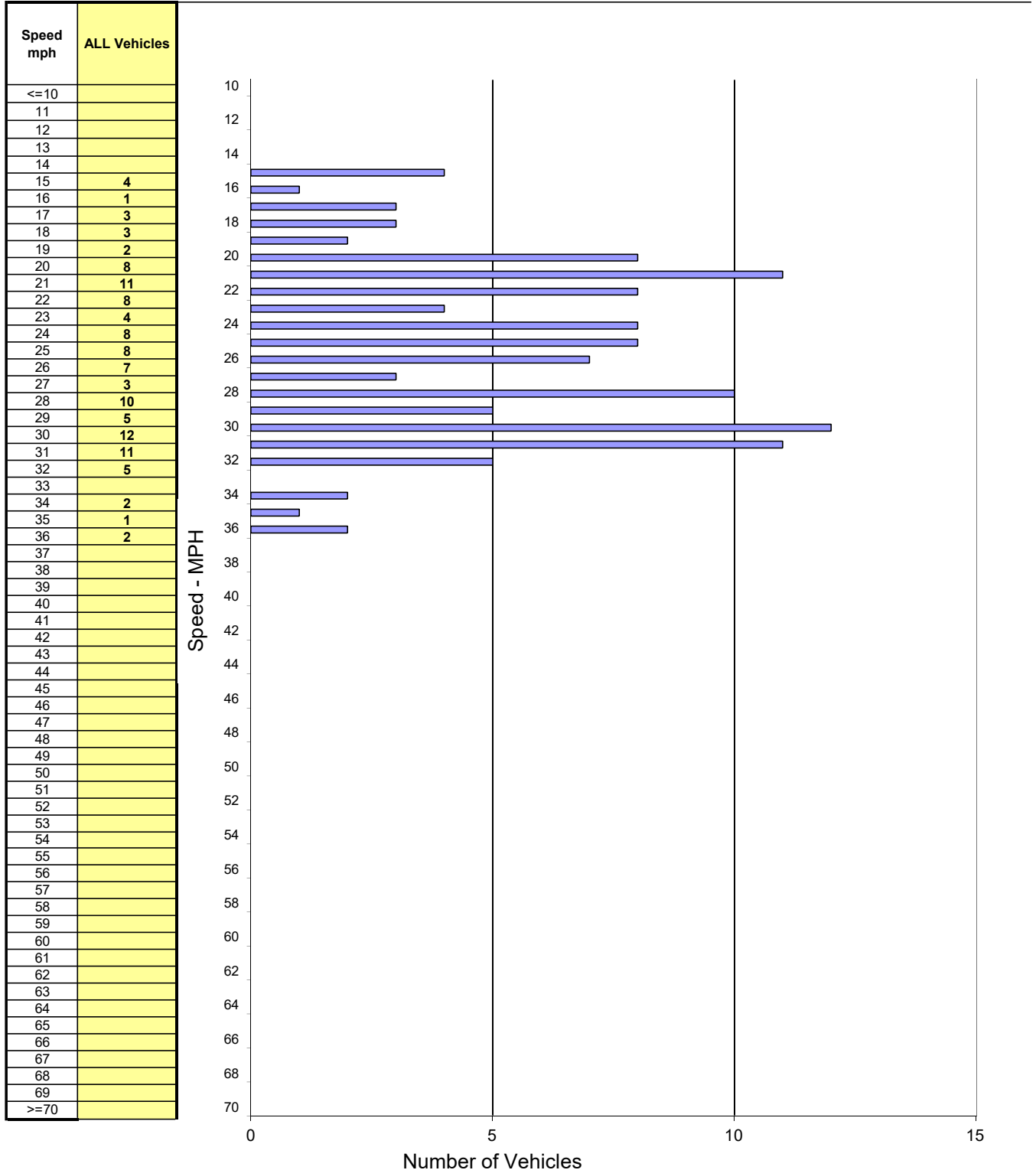
Prepared by: National Data & Surveying Services

## City of Hawthorne

DATE: 6/16/2021  
TIME: 10:00-10:50

Location: 147th St Bet. Inglewood Ave & Ocean Gate Ave  
Posted Speed: 30 MPH Clear/Dry Project #: 21-020178-022

### Eastbound & Westbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	118	15 - 36	25 mph	31 mph	21 - 30	76	64%	17% / 21	18% / 21

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE

**HCI**

**AVIATION BOULEVARD**

**NCL (13200 AVIATION) TO ROSECRANS AVE**

DATE: 6/16/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 2:00 PM - 2:40 PM

CHECKED BY: JERRY STOCK

PREVAILING SPEED DATA	
LOCATION OF SURVEY	SOUTH OF ALASKA
DATE OF SURVEY	6/16/2021
85th PERCENTILE	41 MPH
10 MPH PACE	22-31 MPH
PERCENT IN PACE	50%
POSTED SPEED LIMIT	40 MPH

ACCIDENT HISTORY	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	0
TOTAL ACCIDENTS	0
ANNUAL ACCIDENT RATE	0.00 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.00 ACCIDENTS PER MVM (SPEED RELATED ONLY)

TRAFFIC FACTORS	
AVERAGE DAILY TRAFFIC	23,250
LANE CONFIGURATION	2 LANES PER DIRECTION / 3 LANES (SB) HAWAII TO ROSECRANS
TRAFFIC CONTROLS	SIGNAL - ALASKA / ROSECRANS
CROSSWALKS	AT ALASKA (sch) / ROSECRANS
PEDESTRIAN/BICYCLES	FEW / NO
TRUCK TRAFFIC	YES
ON-STREET PARKING	NO STOPPING AT ANYTIME
OTHER	NO SHOULDERS / BUS STOPS

ROADWAY FACTORS	
LENGTH OF SEGMENT (MILES)	0.39
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	GOOD
SIDEWALKS/DRIVEWAYS	YES / FEW
STREET LIGHTING	YES
OTHER	PAINTED ISLAND

ADJACENT LAND USE	INDUSTRIAL / LARGE BUSINESS / COMMERCIAL / HOTELS
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RECOMMENDED SPEED LIMIT	40 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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JUSTIFICATION:	The recommended 40 mph speed limit is within 1.0 mph of the 85th percentile speed and meets CVC standards.
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# Spot Speed Study

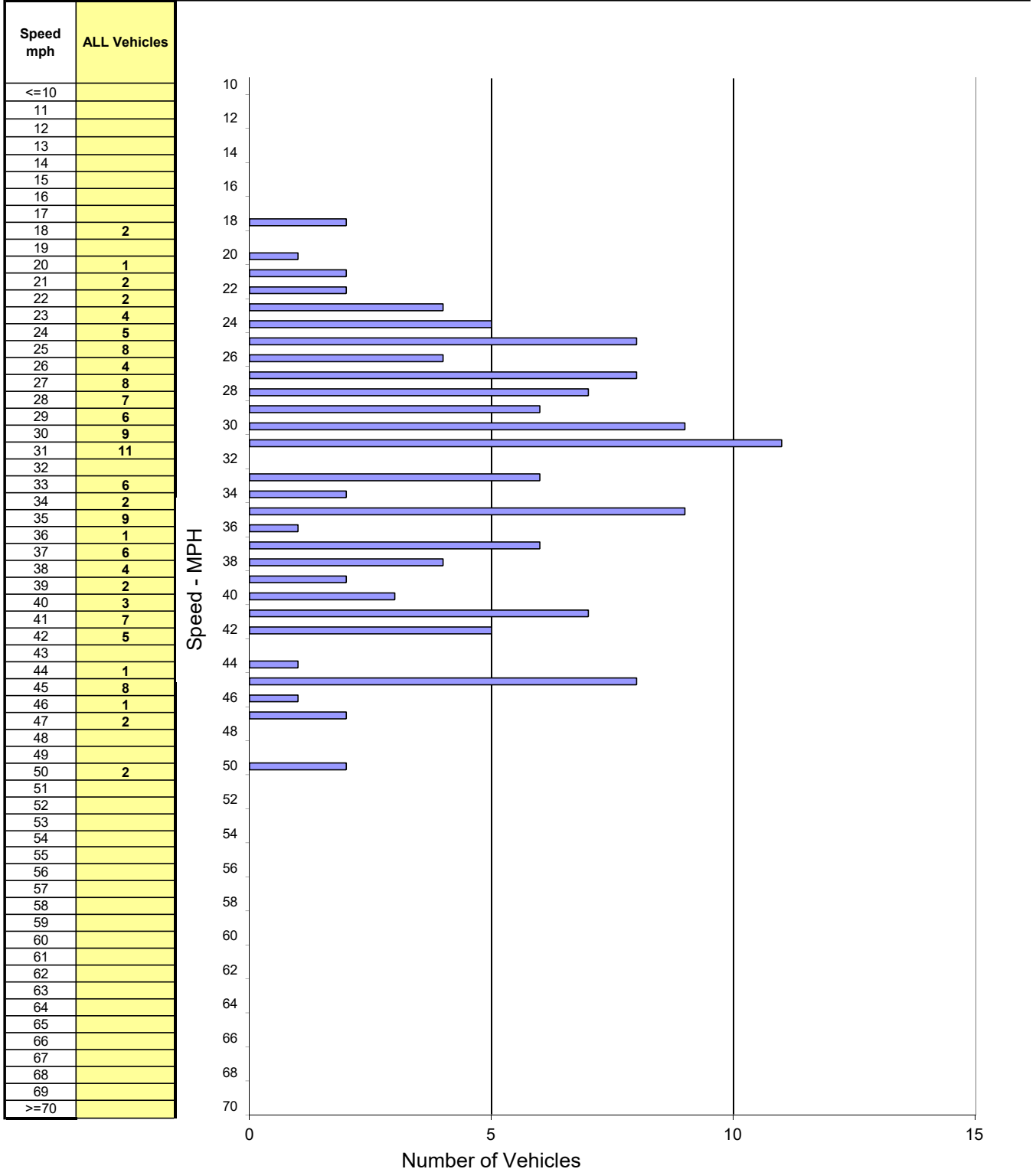
Prepared by: National Data & Surveying Services

## City of Hawthorne

DATE: 6/16/2021  
TIME: 14:00-14:40

Location: Aviation Blvd Bet. Rosecrans Ave & 13200 Aviation Blvd  
Posted Speed: 40 MPH Clear/Dry Project #: 21-020178-025

### Northbound & Southbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	128	18 - 50	31 mph	41 mph	22 - 31	64	50%	3% / 5	47% / 59

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE



**AVIATION BOULEVARD**

**ROSECRANS AVE TO MARINE AVE**

DATE: 6/17/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 1:30 PM - 2:15 PM

CHECKED BY: JERRY STOCK

PREVAILING SPEED DATA	
LOCATION OF SURVEY	SOUTH OF ALASKA
DATE OF SURVEY	6/17/2021
85th PERCENTILE	39 MPH
10 MPH PACE	29-38 MPH
PERCENT IN PACE	58%
POSTED SPEED LIMIT	40 MPH

ACCIDENT HISTORY	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	0
TOTAL ACCIDENTS	5
ANNUAL ACCIDENT RATE	0.00 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.00 ACCIDENTS PER MVM (SPEED RELATED ONLY)

TRAFFIC FACTORS	
AVERAGE DAILY TRAFFIC	38,650
LANE CONFIGURATION	3 LANES PER DIRECTION / 4 LANES (SB) ROSECRANS TO 33RD
TRAFFIC CONTROLS	SIGNAL - ROSECRANS / 33RD / MARINE
CROSSWALKS	AT ROSECRANS / 33RD / MARINE
PEDESTRIAN/BICYCLES	FEW / NO
TRUCK TRAFFIC	YES
ON-STREET PARKING	NO STOPPING AT ANYTIME
OTHER	NO SHOULDERS / BUS STOPS

ROADWAY FACTORS	
LENGTH OF SEGMENT (MILES)	0.49
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	GOOD
SIDEWALKS/DRIVEWAYS	YES / FEW
STREET LIGHTING	YES
OTHER	PAINTED ISLAND

ADJACENT LAND USE	COMMERCIAL / HOTELS / MULTI-FAMILY RESIDENTAL
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RECOMMENDED SPEED LIMIT	40 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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JUSTIFICATION:  
The recommended 40 mph speed limit is within 1 mph of the 85th percentile speed which is consistent with speeds of northerly and southerly roadway segments.



# Spot Speed Study

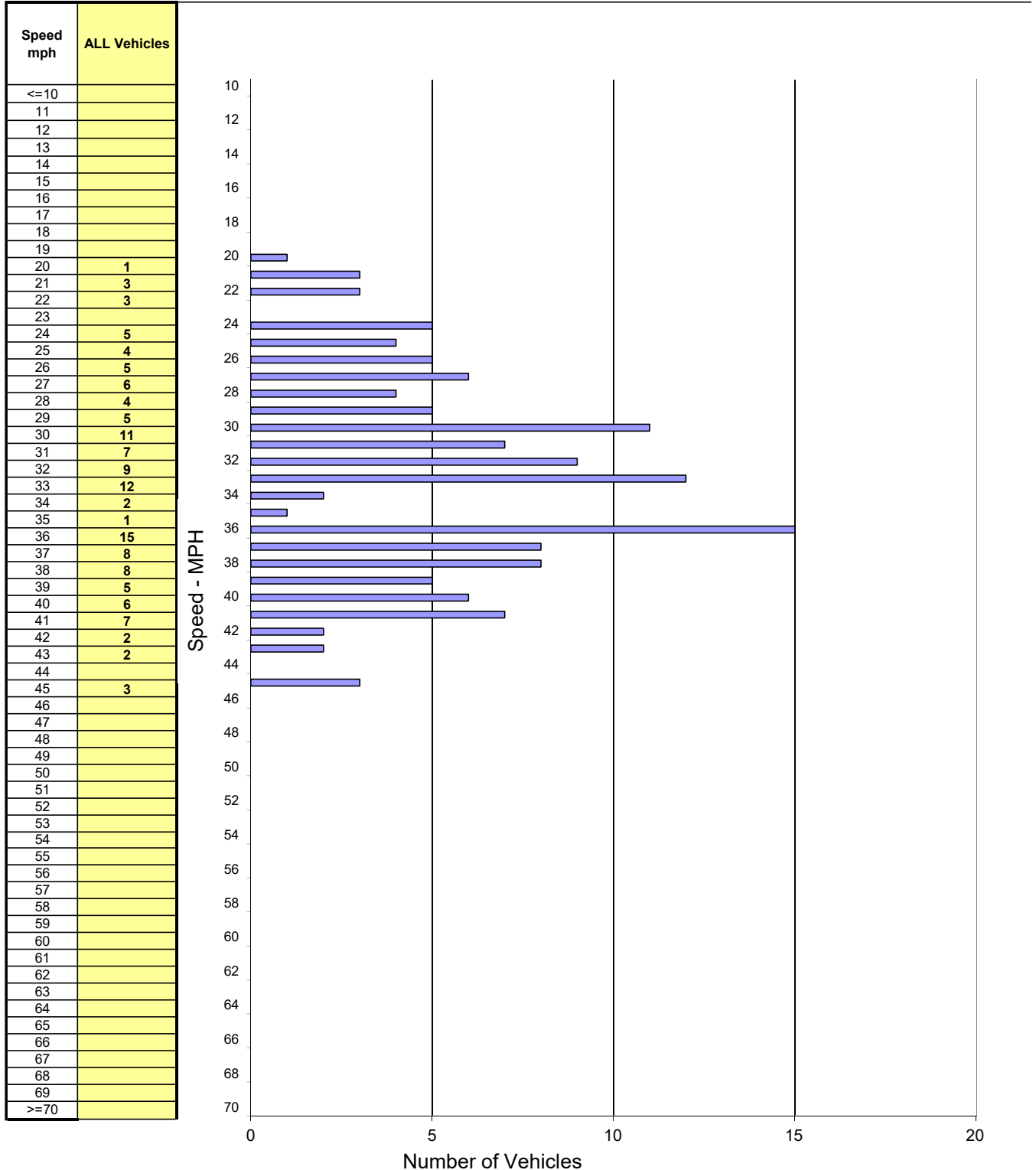
Prepared by: National Data & Surveying Services

## City of Hawthorne

DATE: 6/17/2021  
TIME: 13:30-14:15

Location: Aviation Blvd Bet. Marine Ave & Rosecrans Ave  
Posted Speed: 40 MPH Clear/Dry Project #: 21-020178-024

### Northbound & Southbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	134	20 - 45	33 mph	39 mph	29 - 38	78	58%	23% / 31	19% / 25

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE

**HCI**

**BIRCH AVENUE**

**120TH ST TO EL SEGUNDO BLVD**

DATE: 6/17/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 3:25 PM - 4:00 PM

CHECKED BY: JERRY STOCK

PREVAILING SPEED DATA	
LOCATION OF SURVEY	NORTH OF BROADWAY
DATE OF SURVEY	6/17/2021
85th PERCENTILE	33 MPH
10 MPH PACE	24-33 MPH
PERCENT IN PACE	74%
POSTED SPEED LIMIT	35 MPH

ACCIDENT HISTORY	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	0
TOTAL ACCIDENTS	3
ANNUAL ACCIDENT RATE	0.00 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.00 ACCIDENTS PER MVM (SPEED RELATED ONLY)

TRAFFIC FACTORS	
AVERAGE DAILY TRAFFIC	4,400
LANE CONFIGURATION	2 LANES PER DIRECTION (2nd Lane shares w/on-street parking)
TRAFFIC CONTROLS	SIGNAL - 120TH / EL SEGUNDO, STOP - 126TH / BROADWAY
CROSSWALKS	AT 120TH / 126TH / EL SEGUNDO (sch) / BROADWAY
PEDESTRIAN/BICYCLES	FEW / NO
TRUCK TRAFFIC	NO
ON-STREET PARKING	YES
OTHER	NO SHOULDERS / BUS STOPS NO PARKING TUESDAYS 8am-10am

ROADWAY FACTORS	
LENGTH OF SEGMENT (MILES)	0.50
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	GOOD
SIDEWALKS/DRIVEWAYS	YES / YES
STREET LIGHTING	YES
OTHER	SOLID DOUBLE YELLOW

ADJACENT LAND USE	SINGLE + MULTI-FAMILY RESIDENTIAL / MALL PARKING STRUCTURE / COMMERCIAL / R&R
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RECOMMENDED SPEED LIMIT	35 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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JUSTIFICATION:	The recommended 35 mph is within 3 mph of the 85th percentile speed and meets CVC standards.
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# Spot Speed Study

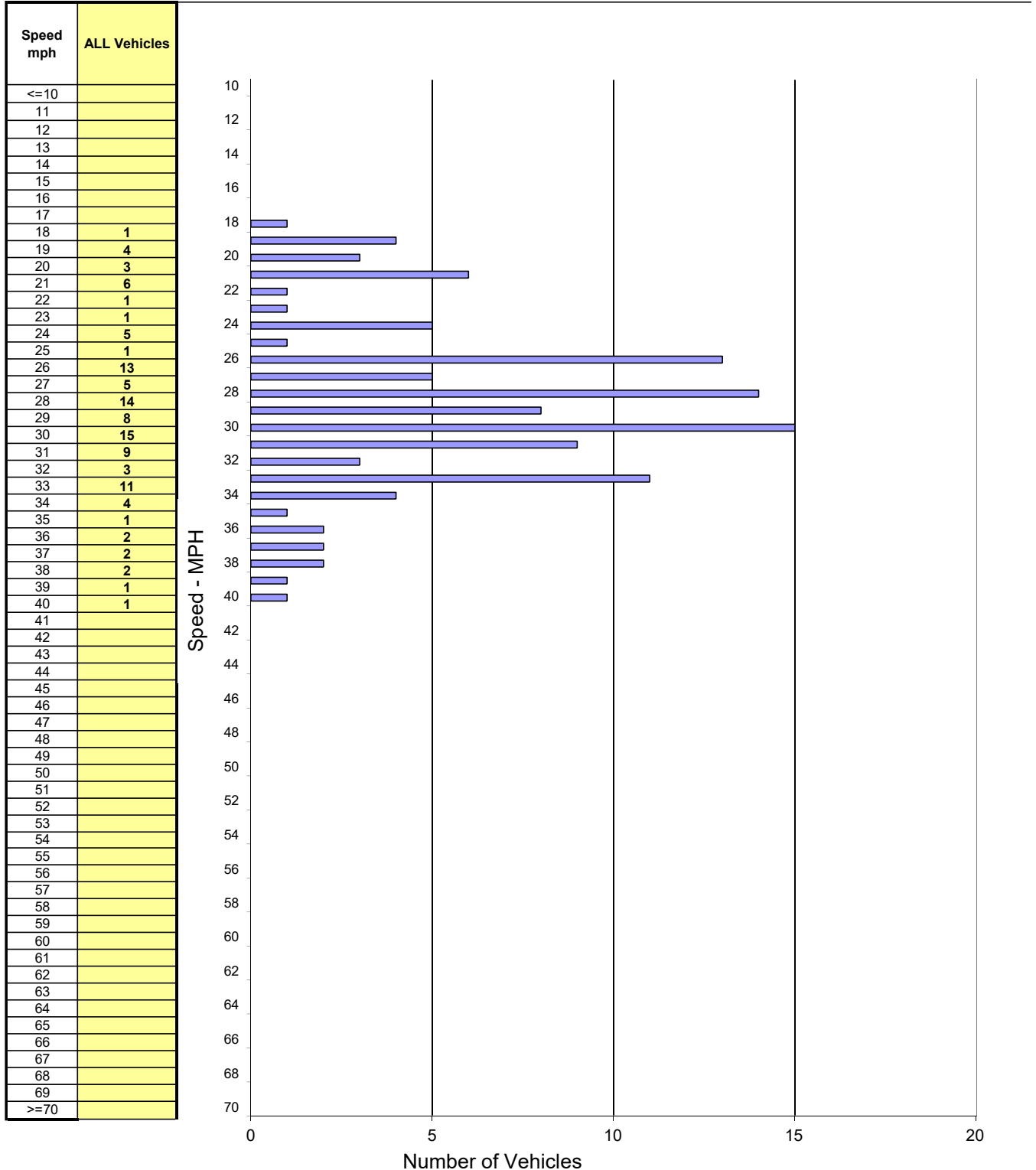
Prepared by: National Data & Surveying Services

## City of Hawthorne

DATE: 6/17/2021  
TIME: 15:25-16:00

Location: Birch Ave Bet. 120th St & El Segundo Blvd  
Posted Speed: 35 MPH Clear/Dry Project #: 21-020178-034

### Northbound & Southbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	113	18 - 40	29 mph	33 mph	24 - 33	84	74%	14% / 16	12% / 13

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE

**HCI**

**CRENSHAW BOULEVARD**

**120th STREET TO EL SEGUNDO BLVD**

DATE: 6/22/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 9:35 AM - 10:10 AM

CHECKED BY: JERRY STOCK

PREVAILING SPEED DATA	
LOCATION OF SURVEY	NORTH OF EL SEGUNDO
DATE OF SURVEY	6/22/2021
85th PERCENTILE	36 MPH
10 MPH PACE	27-36 MPH
PERCENT IN PACE	80%
POSTED SPEED LIMIT	40 MPH

ACCIDENT HISTORY	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	5
TOTAL ACCIDENTS	15
ANNUAL ACCIDENT RATE	2.50 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.33 ACCIDENTS PER MVM (SPEED RELATED ONLY)

TRAFFIC FACTORS	
AVERAGE DAILY TRAFFIC	41,250
LANE CONFIGURATION	3 LANES PER DIRECTION
TRAFFIC CONTROLS	SIGNAL - 120TH / ROCKET / JACK NORTHROP / EL SEGUNDO /UN-NAMED (s/o Northrop
CROSSWALKS	AT 120TH / ROCKET / JACK NORTHROP / EL SEGUNDO
PEDESTRIAN/BICYCLES	YES / NO
TRUCK TRAFFIC	YES
ON-STREET PARKING	NO STOPPING AT ANYTIME
OTHER	NO SHOULDERS / BUS STOPS

ROADWAY FACTORS	
LENGTH OF SEGMENT (MILES)	0.50
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	GOOD - NEWLY RESURFACED
SIDEWALKS/DRIVEWAYS	YES / HEAVY
STREET LIGHTING	YES
OTHER	RAISED MEDIAN ISLAND

ADJACENT LAND USE	COMMERCIAL / BUSINESS-INDUSTRIAL / SPACE-X / MULTI-FAMILY RES / RxD XING
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RECOMMENDED SPEED LIMIT	40 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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**JUSTIFICATION:**

This portion of Crenshaw Boulevard a six lane divided roadway. Currently, it has a posted speed limit of 40 mph. The adjacent land uses include dense commercial, many large businesses-industrial, and multi-family residential. With the results of the speed study showing an 85th percentile speed of 36 mph and keeping speed consistency with adjacent segment north of 120th Street in the City of Inglewood , it is recommended that the existing 40 mph speed limit be maintained.

# Spot Speed Study

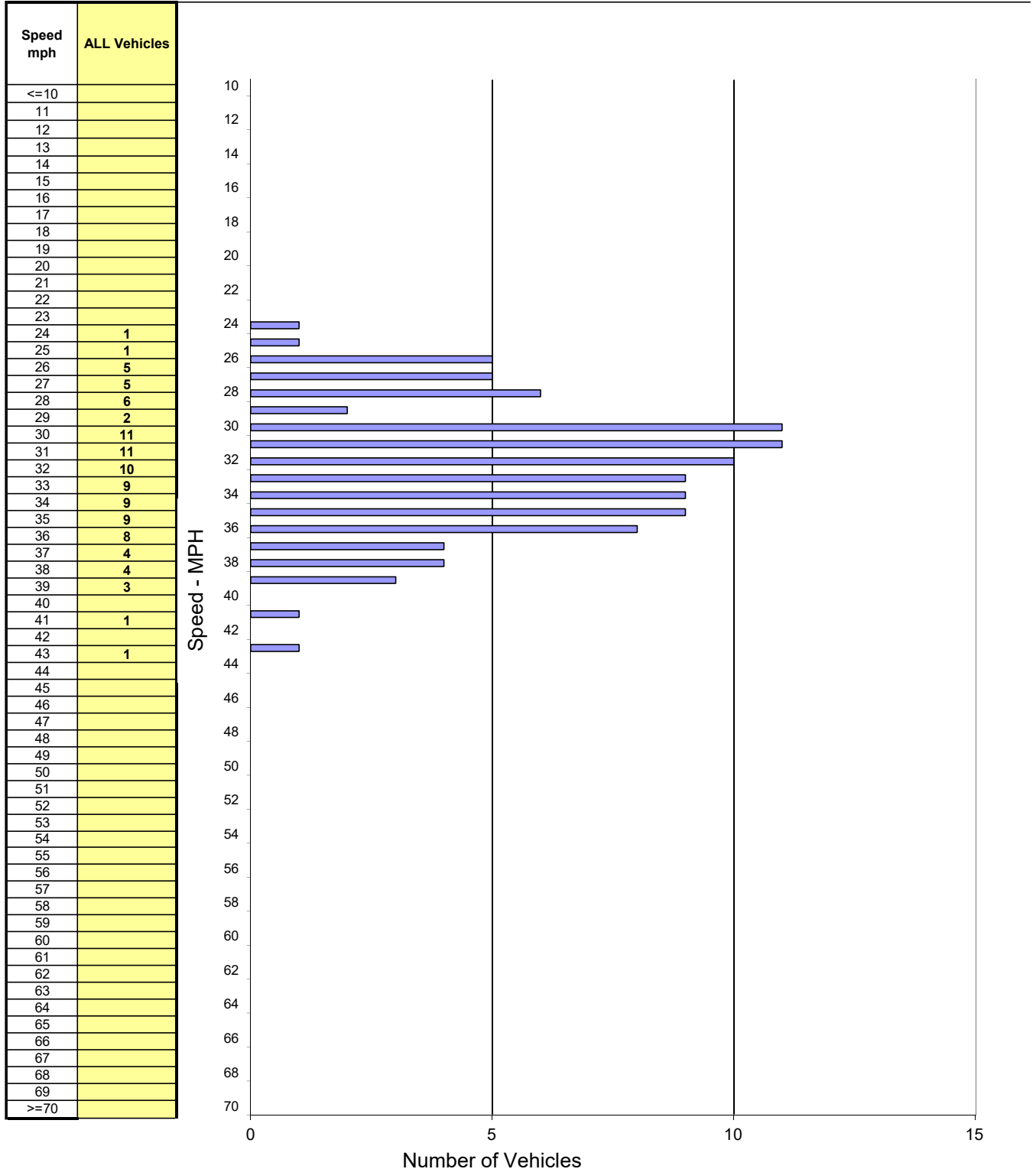
Prepared by: National Data & Surveying Services

## City of Hawthorne

DATE: 6/22/2021  
TIME: 09:35-10:10

Location: Crenshaw Blvd 350' S/O Rocket Rd  
Posted Speed: 40 MPH Clear/Dry Project #: 21-020178-040

### Northbound & Southbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	100	24 - 43	32 mph	36 mph	27 - 36	80	80%	7% / 7	13% / 13

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE



**CRENSHAW BOULEVARD**

**EL SEGUNDO BLVD TO 132ND ST**

DATE: 6/17/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 1:30 PM - 2:15 PM

CHECKED BY: JERRY STOCK

<b>PREVAILING SPEED DATA</b>	
LOCATION OF SURVEY	SOUTH OF EL SEGUNDO
DATE OF SURVEY	6/17/2021
85th PERCENTILE	48 MPH
10 MPH PACE	38-47 MPH
PERCENT IN PACE	73%
POSTED SPEED LIMIT	40 MPH

<b>ACCIDENT HISTORY</b>	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	1
TOTAL ACCIDENTS	3
ANNUAL ACCIDENT RATE	0.50 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.15 ACCIDENTS PER MVM (SPEED RELATED ONLY)

<b>TRAFFIC FACTORS</b>	
AVERAGE DAILY TRAFFIC	32,300
LANE CONFIGURATION	3 LANES PER DIRECTION (3rd Lane Shares w/on-street parking)
TRAFFIC CONTROLS	SIGNAL - EL SEGUNDO
CROSSWALKS	AT EL SEGUNDO
PEDESTRIAN/BICYCLES	YES / NO
TRUCK TRAFFIC	FEW
ON-STREET PARKING	YES w/Restricted Times
OTHER	MANY AREAS OF NO STOPPING AT ANYTIME and NO PARKING ANYTIME BUS STOPS

<b>ROADWAY FACTORS</b>	
LENGTH OF SEGMENT (MILES)	0.28
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	POOR
SIDEWALKS/DRIVEWAYS	YES / HEAVY
STREET LIGHTING	YES
OTHER	RAISED MEDIAN ISLAND

ADJACENT LAND USE	DENSE COMMERCIAL / BUSINESS
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RECOMMENDED SPEED LIMIT	40 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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**JUSTIFICATION:**

This section of Crenshaw Boulevard has 3 travel lanes per direction, the 3rd lane being shared with on-street parking at permitted/restricted times. Currently, the posted speed limit is 40 mph. The speed limits for the sections northerly and southerly are 35 mph. The E & T study results revealed an 85th percentile speed of 48 mph, median speed of 42 mph and a 10 mph pace range of 38 to 47 mph. Although the speed data suggests a higher 45 mph speed limit, however in an effort to maintain a speed closer to the speeds of adjacent segments, it is recommended the existing 40 mph speed limit remain.

# Spot Speed Study

Prepared by: National Data & Surveying Services

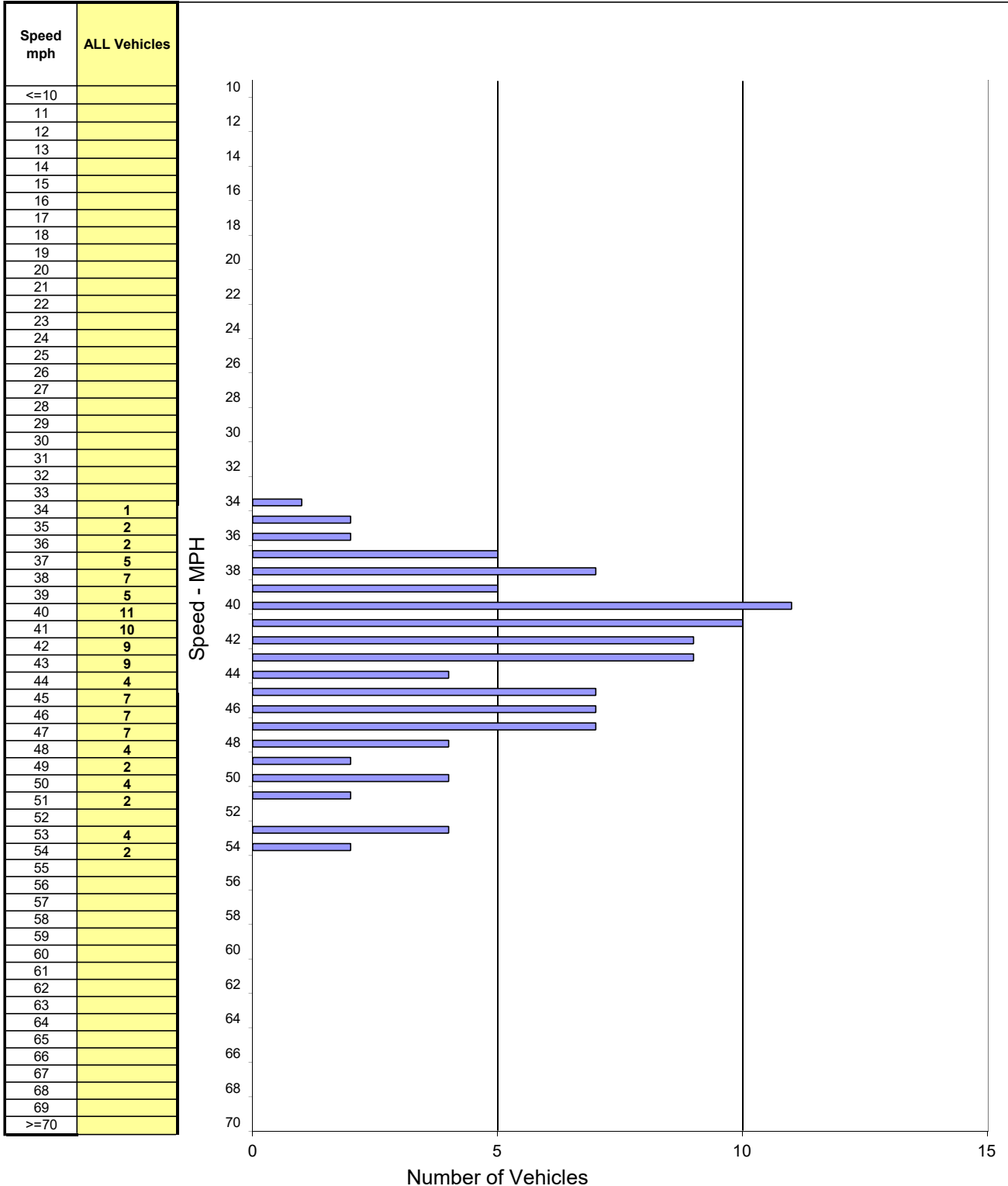
## City of Hawthorne

DATE: 6/22/2021  
TIME: 09:00-09:30

Location: 13100 Crenshaw Blvd  
Posted Speed: 40 MPH Clear/Dry

Project #: 21-020178-041

### Northbound & Southbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	104	34 - 54	42 mph	48 mph	38 - 47	76	73%	9% / 10	18% / 18

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE

**HCI**

**EL SEGUNDO BOULEVARD**

**AVIATION BLVD TO 405 SB RAMPS**

DATE: 6/22/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 9:00 AM - 10:00 AM

CHECKED BY: JERRY STOCK

PREVAILING SPEED DATA	
LOCATION OF SURVEY	EAST OF AVIATION
DATE OF SURVEY	6/22/2021
85th PERCENTILE	38 MPH
10 MPH PACE	29-38 MPH
PERCENT IN PACE	70%
POSTED SPEED LIMIT	40 MPH
	35 MPH w/o La Cienega (not in City of Hawthorne Jurisdiction)

ACCIDENT HISTORY	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	0
TOTAL ACCIDENTS	4
ANNUAL ACCIDENT RATE	0.00 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.00 ACCIDENTS PER MVM (SPEED RELATED ONLY)

TRAFFIC FACTORS	
AVERAGE DAILY TRAFFIC	32,200
LANE CONFIGURATION	3 LANES (WB) / 4 LANES (EB)
TRAFFIC CONTROLS	SIGNAL - AVIATION / ISIS-360 LN / 405 SB RAMP
CROSSWALKS	AT AVIATION / ISIS-360 LN / 405 SB RAMP
PEDESTRIAN/BICYCLES	FEW / NO
TRUCK TRAFFIC	YES
ON-STREET PARKING	NO STOPPING ANYTIME
OTHER	NO SHOULDERS BUS STOPS

ROADWAY FACTORS	
LENGTH OF SEGMENT (MILES)	0.31
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	GOOD
SIDEWALKS/DRIVEWAYS	YES / FEW
STREET LIGHTING	YES
OTHER	RAISED MEDIAN ISLAND

ADJACENT LAND USE	COMMERCIAL / MULTI-FAMILY RESIDENTIAL (NF) / 405 FWY RAMPS
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RECOMMENDED SPEED LIMIT	40 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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**JUSTIFICATION:**

This section of El Segundo Boulevard shares jurisdiction with the neighboring city. It has 3 travel lanes westbound and 4 travel lanes eastbound. A 40 mph speed sign is posted east of Aviation Blvd (City of Hawthorne jurisdiction) and a 35 mph speed sign posted westbound west of La Cienega Blvd (neighboring city jurisdiction). Adjacent land uses include commercial, large business-office, hotel, multi-family residential and 405 freeway. The E & T study resulted with an 85th percentile speed of 38 mph. With those factors and keeping continuity with speeds of adjacent roadways, it is recommended that the existing 40 mph speed limit remain.

NOTE: In adjacent segment, 40 mph speed sign posted w/o Aviation (Neighboring City)  
Within segment, 35 mph speed sign posted w/o La Cienega (Neighboring City)



# Spot Speed Study

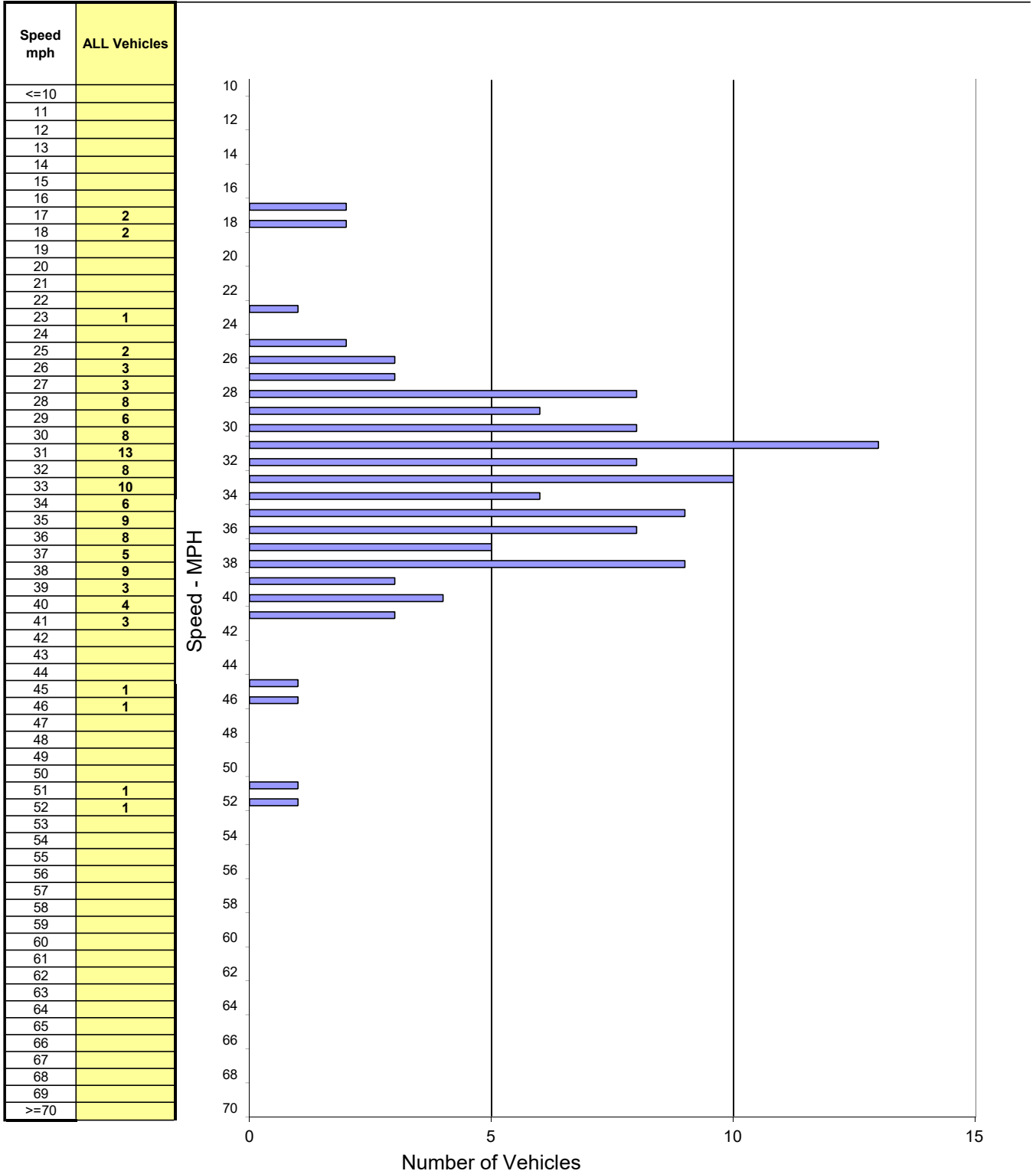
Prepared by: National Data & Surveying Services

## City of Hawthorne

DATE: 6/22/2021  
TIME: 09:00-10:00

Location: El Segundo Blvd Bet. Aviation Blvd & I-405 Ramps  
Posted Speed: 40 MPH Clear/Dry Project #: 21-020178-008

### Eastbound & Westbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	117	17 - 52	33 mph	38 mph	29 - 38	82	70%	17% / 21	12% / 14

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE

**HCI**

**EL SEGUNDO BOULEVARD**

**INGLEWOOD AVE TO HAWTHORNE BLVD**

DATE: 6/16/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 3:00 PM - 3:50 PM

CHECKED BY: JERRY STOCK

PREVAILING SPEED DATA	
LOCATION OF SURVEY	WEST OF GREVILLEA
DATE OF SURVEY	6/16/2021
85th PERCENTILE	44 MPH
10 MPH PACE	33-42 MPH
PERCENT IN PACE	76%
POSTED SPEED LIMIT	40 MPH

ACCIDENT HISTORY	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	0
TOTAL ACCIDENTS	10
ANNUAL ACCIDENT RATE	0.00 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.00 ACCIDENTS PER MVM (SPEED RELATED ONLY)

TRAFFIC FACTORS	
AVERAGE DAILY TRAFFIC	23,900
LANE CONFIGURATION	3 LANES PER DIRECTION (3rd Lane shared w/on-street parking)
TRAFFIC CONTROLS	SIGNAL - INGLEWOOD / RAMONA / FIRE STATION / HAWTHORNE
CROSSWALKS	AT INGLEWOOD (sch) / RAMONA / FIRE STATION / HAWTHORNE (sch)
PEDESTRIAN/BICYCLES	FEW / FEW
TRUCK TRAFFIC	YES
ON-STREET PARKING	YES
OTHER	NO PARKING w/ Restricted Times BUS STOPS

ROADWAY FACTORS	
LENGTH OF SEGMENT (MILES)	0.31
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	GOOD-FAIR
SIDEWALKS/DRIVEWAYS	YES / FEW
STREET LIGHTING	YES
OTHER	2 WAY LEFT CENTERLANE w/LEFTS

ADJACENT LAND USE	COMMERCIAL / CHURCH / SINGLE & MULTI-FAMILY RESIDENTIAL (NF) / FIRE STATION
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RECOMMENDED SPEED LIMIT	40 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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JUSTIFICATION:	The recommended 40 mph is within 4 mph of the 85th percentile speed and meets CVC standards.
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# Spot Speed Study

Prepared by: National Data & Surveying Services

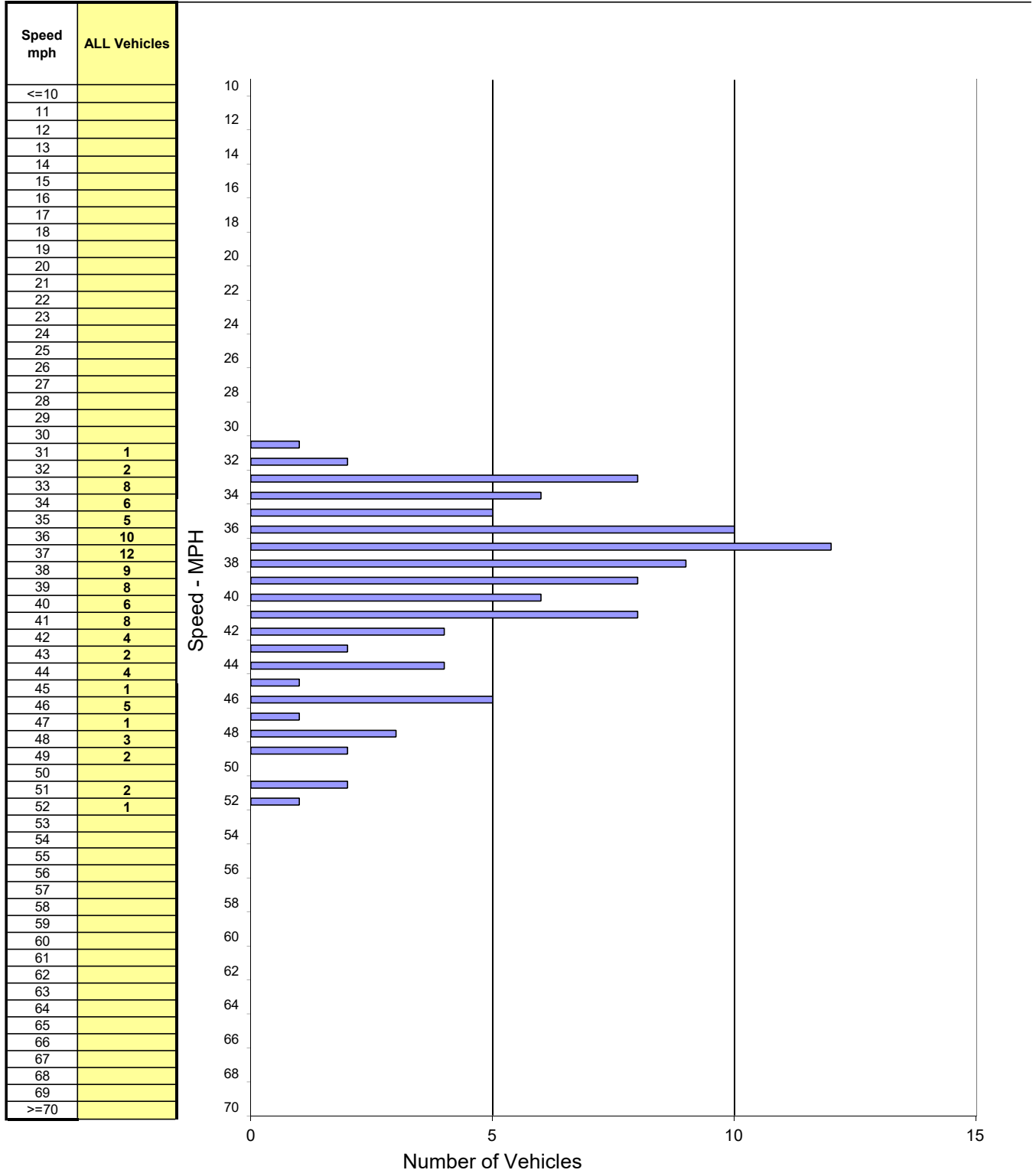
## City of Hawthorne

DATE: 6/16/2021  
TIME: 15:00-15:50

Location: 4519 El Segundo Blvd  
Posted Speed: 40 MPH Clear/Dry

Project #: 21-020178-009

### Eastbound & Westbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	100	31 - 52	38 mph	44 mph	33 - 42	76	76%	3% / 3	21% / 21

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE

**HCI**

**EL SEGUNDO BOULEVARD**

**HAWTHORNE BLVD TO PRAIRIE AVE**

DATE: 6/22/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 10:10 AM - 11:10 AM

CHECKED BY: JERRY STOCK

<b>PREVAILING SPEED DATA</b>	
LOCATION OF SURVEY	WEST OF GREVILLEA
DATE OF SURVEY	6/22/2021
85th PERCENTILE	37 MPH
10 MPH PACE	26-35 MPH
PERCENT IN PACE	73%
POSTED SPEED LIMIT	40 MPH

<b>ACCIDENT HISTORY</b>	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	2
TOTAL ACCIDENTS	21
ANNUAL ACCIDENT RATE	1.00 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.22 ACCIDENTS PER MVM (SPEED RELATED ONLY)

<b>TRAFFIC FACTORS</b>	
AVERAGE DAILY TRAFFIC	25,300
LANE CONFIGURATION	3 LANES PER DIRECTION
TRAFFIC CONTROLS	SIGNAL - HAWTHORNE / BIRCH / CEDAR / WASHINGTON / PRAIRIE
CROSSWALKS	AT HAWTHORNE (sch) / BIRCH (sch) / CEDAR / (sch) / WASHINGTON (sch) / PRAIRIE
PEDESTRIAN/BICYCLES	YES / YES
TRUCK TRAFFIC	YES
ON-STREET PARKING	YES
OTHER	2 HR PARKING w/Restrictions / NO PARKING 7am-8am, 4pm-6pm BIKE ROUTE / BUS STOPS

<b>ROADWAY FACTORS</b>	
LENGTH OF SEGMENT (MILES)	0.50
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	GOOD
SIDEWALKS/DRIVEWAYS	YES / YES
STREET LIGHTING	YES
OTHER	2 WAY LEFT CENTERLANE w/LEFTS

ADJACENT LAND USE	COMMERCIAL / MULTI-FAMILY RESIDENTIAL (NF) / WASHINGTON SCHOOL/ CHURCH
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RECOMMENDED SPEED LIMIT	40 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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<b>JUSTIFICATION:</b>
The recommended 40 mph is within 3 mph of the 85th percentile speed and meets CVC standards.

# Spot Speed Study

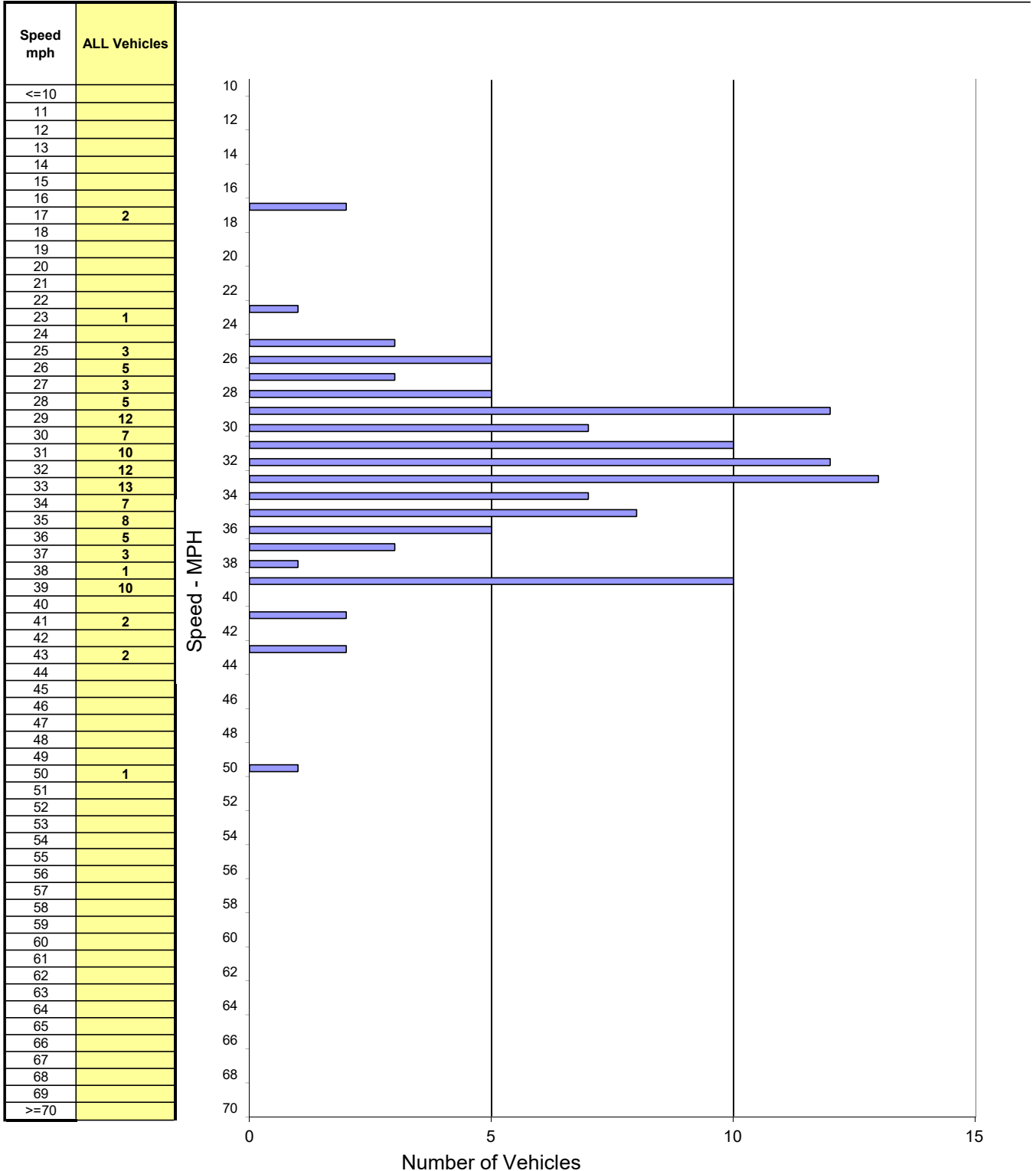
Prepared by: National Data & Surveying Services

## City of Hawthorne

DATE: 6/22/2021  
TIME: 10:10-11:10

Location: El Segundo Blvd Bet. Hawthorne Blvd & Prairie Ave  
Posted Speed: 35 MPH Clear/Dry Project #: 21-020178-010

### Eastbound & Westbound Spot Speeds



# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE



**EL SEGUNDO BOULEVARD**

**PRAIRIE AVE TO YUKON AVE**

DATE: 6/22/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 10:10 AM - 11:05 AM

CHECKED BY: JERRY STOCK

<b>PREVAILING SPEED DATA</b>	
LOCATION OF SURVEY	WEST OF YUKON
DATE OF SURVEY	6/22/2021
85th PERCENTILE	38 MPH
10 MPH PACE	30-39 MPH
PERCENT IN PACE	72%
POSTED SPEED LIMIT	40 MPH

<b>ACCIDENT HISTORY</b>	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	1
TOTAL ACCIDENTS	24
ANNUAL ACCIDENT RATE	0.50 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.10 ACCIDENTS PER MVM (SPEED RELATED ONLY)

<b>TRAFFIC FACTORS</b>	
AVERAGE DAILY TRAFFIC	27,800
LANE CONFIGURATION	3 LANES PER DIRECTION
TRAFFIC CONTROLS	SIGNAL - PRAIRIE / DOTY / KORNBLUM / YUKON
CROSSWALKS	AT PRAIRIE / DOTY / KORNBLUM / YUKON (sch)
PEDESTRIAN/BICYCLES	YES / YES
TRUCK TRAFFIC	YES
ON-STREET PARKING	YES
OTHER	2 HR PARKING w/Restrictions / NO PARKING 7am-8am, 4pm-6pm BIKE ROUTE / BUS STOPS / AREAS OF RED CURB

<b>ROADWAY FACTORS</b>	
LENGTH OF SEGMENT (MILES)	0.50
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	GOOD
SIDEWALKS/DRIVEWAYS	YES / YES
STREET LIGHTING	YES
OTHER	2 WAY LEFT CENTERLANE w/LEFTS ELECTRONIC RADAR SPEED FEEDBACK SIGN (w/ Kornblum)

ADJACENT LAND USE	COMMERCIAL / MULTI-FAMILY RESIDENTIAL (NF) / SCHOOL / PARK / SENIOR CTR
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RECOMMENDED SPEED LIMIT	40 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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**JUSTIFICATION:**  
The recommended 40 mph is 2 mph above the 85th percentile speed and meets CVC standards.

# Spot Speed Study

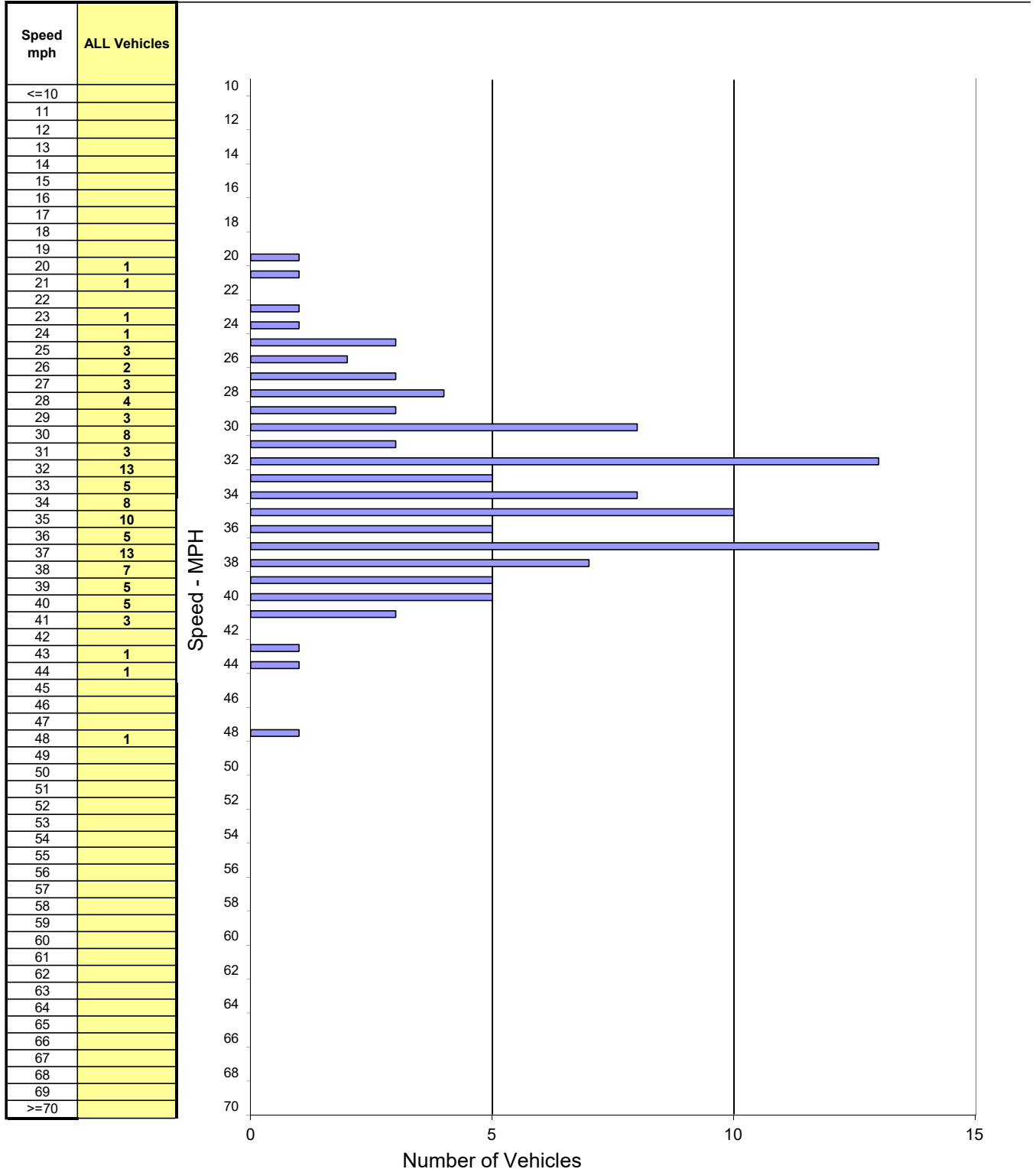
Prepared by: National Data & Surveying Services

## City of Hawthorne

DATE: 6/22/2021  
TIME: 10:10-11:05

Location: El Segundo Blvd Bet. Prairie Ave & Yukon Ave  
Posted Speed: 35 MPH Clear/Dry Project #: 21-020178-011

### Eastbound & Westbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	107	20 - 48	34 mph	38 mph	30 - 39	77	72%	17% / 19	11% / 11

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE



**EL SEGUNDO BOULEVARD**

**YUKON AVE TO CRENSHAW AVE**

DATE: 6/22/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 1:30 PM - 2:35 PM

CHECKED BY: JERRY STOCK

<b>PREVAILING SPEED DATA</b>	
LOCATION OF SURVEY	EAST OF YUKON
DATE OF SURVEY	6/22/2021
85th PERCENTILE	44 MPH
10 MPH PACE	33-42 MPH
PERCENT IN PACE	56%
POSTED SPEED LIMIT	40 MPH / *25 MPH

<b>ACCIDENT HISTORY</b>	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	2
TOTAL ACCIDENTS	18
ANNUAL ACCIDENT RATE	1.00 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.19 ACCIDENTS PER MVM (SPEED RELATED ONLY)

<b>TRAFFIC FACTORS</b>	
AVERAGE DAILY TRAFFIC	29,600
LANE CONFIGURATION	3 LANES PER DIRECTION
TRAFFIC CONTROLS	SIGNAL - YUKON / CERISE / CHADRON / CRENSHAW
CROSSWALKS	AT YUKON (sch) / CERISE / CHADRON / CRENSHAW
PEDESTRIAN/BICYCLES	YES / YES
TRUCK TRAFFIC	YES
ON-STREET PARKING	NO STOPPING ANYTIME
OTHER	NO SHOULDERS / BIKE ROUTE BUS STOPS / AREAS OF RED CURB

<b>ROADWAY FACTORS</b>	
LENGTH OF SEGMENT (MILES)	0.50
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	GOOD
SIDEWALKS/DRIVEWAYS	YES / YES
STREET LIGHTING	YES
OTHER	2 WAY LEFT CENTERLANE w/LEFTS

ADJACENT LAND USE	COMMERCIAL / INDUSTRIAL-BUSINESS / SCHOOL
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RECOMMENDED SPEED LIMIT	40 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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**JUSTIFICATION:**  
The recommended 40 mph is within 4 mph of the 85th percentile speed and meets CVC standards.

\* 25 mph When Children Present, School Zone (Advisory)



# Spot Speed Study

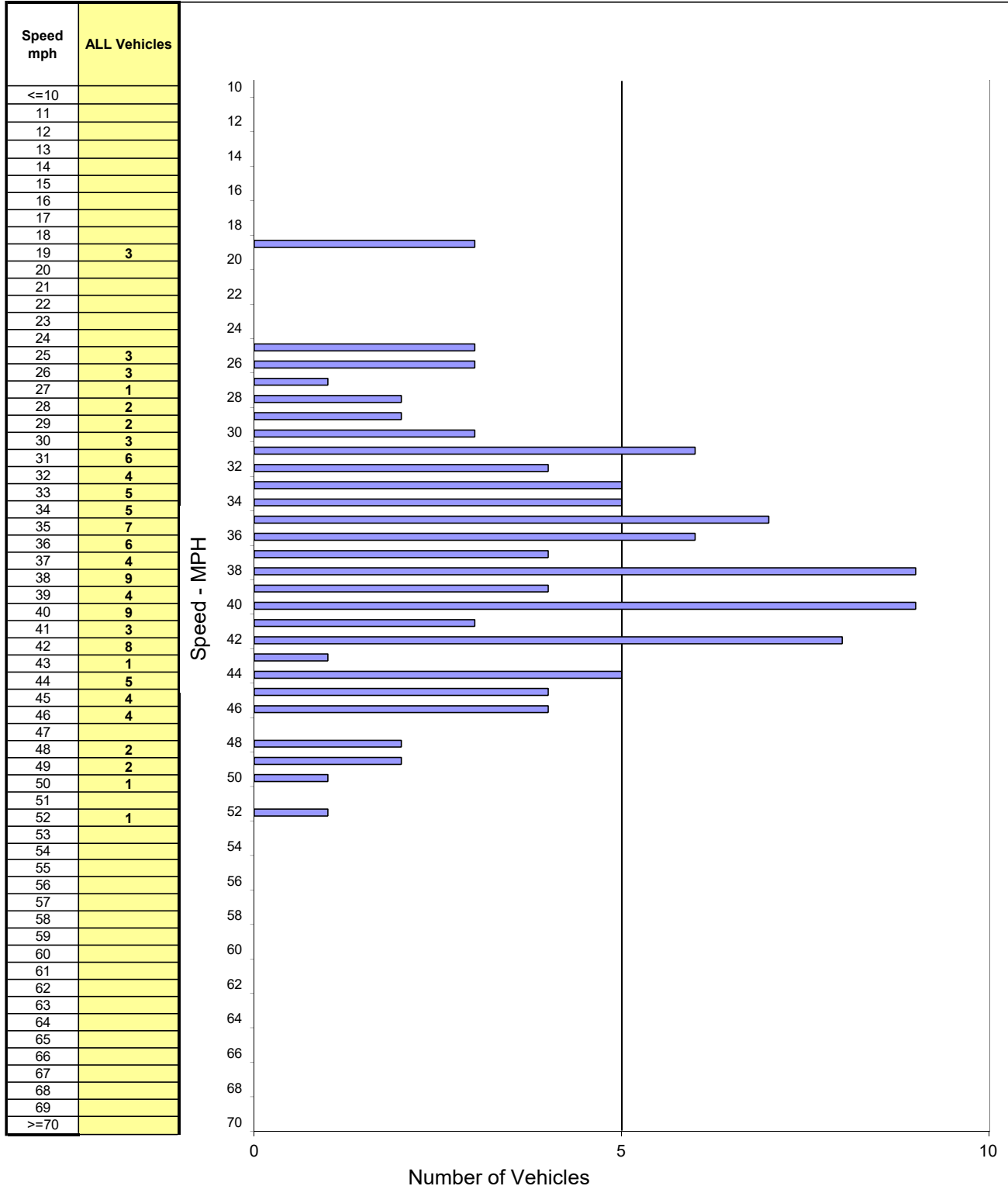
Prepared by: National Data & Surveying Services

## City of Hawthorne

DATE: 6/22/2021  
TIME: 13:30-14:35

Location: El Segundo Blvd Bet. Yukon Ave & Crenshaw Blvd  
Posted Speed: 40 MPH Clear/Dry Project #: 21-020178-012

### Eastbound & Westbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	107	19 - 52	37 mph	44 mph	33 - 42	60	56%	25% / 27	19% / 20

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE

**HCI**

**EL SEGUNDO BOULEVARD**

**CRENSHAW AVE TO VAN NESS AVE**

DATE: 6/22/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 2:15 PM - 3:00 PM

CHECKED BY: JERRY STOCK

PREVAILING SPEED DATA	
LOCATION OF SURVEY	WEST OF VAN NESS
DATE OF SURVEY	6/22/2021
85th PERCENTILE	35 MPH
10 MPH PACE	23-32 MPH
PERCENT IN PACE	61%
POSTED SPEED LIMIT	40 MPH

ACCIDENT HISTORY	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	0
TOTAL ACCIDENTS	5
ANNUAL ACCIDENT RATE	0.00 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.00 ACCIDENTS PER MVM (SPEED RELATED ONLY)

TRAFFIC FACTORS	
AVERAGE DAILY TRAFFIC	25,900
LANE CONFIGURATION	3 LANES PER DIRECTION
TRAFFIC CONTROLS	SIGNAL - CRENSHAW / WILKIE / VAN NESS
CROSSWALKS	AT CRENSHAW / WILKIE / VAN NESS
PEDESTRIAN/BICYCLES	YES / YES
TRUCK TRAFFIC	YES
ON-STREET PARKING	NO STOPPING ANYTIME
OTHER	NO SHOULDERS BUS STOPS

ROADWAY FACTORS	
LENGTH OF SEGMENT (MILES)	0.50
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	GOOD
SIDEWALKS/DRIVEWAYS	YES / FEW (WB) - NO / NO (EB)
STREET LIGHTING	YES
OTHER	PAINTED ISLAND

ADJACENT LAND USE	COMMERCIAL / INDUSTRIAL-BUSINESS / RESIDENTIAL (fronting road)
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RECOMMENDED SPEED LIMIT	40 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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JUSTIFICATION:	The recommended 40 mph speed limit is within 5 mph of the 85th percentile and meets CVC standards.
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# Spot Speed Study

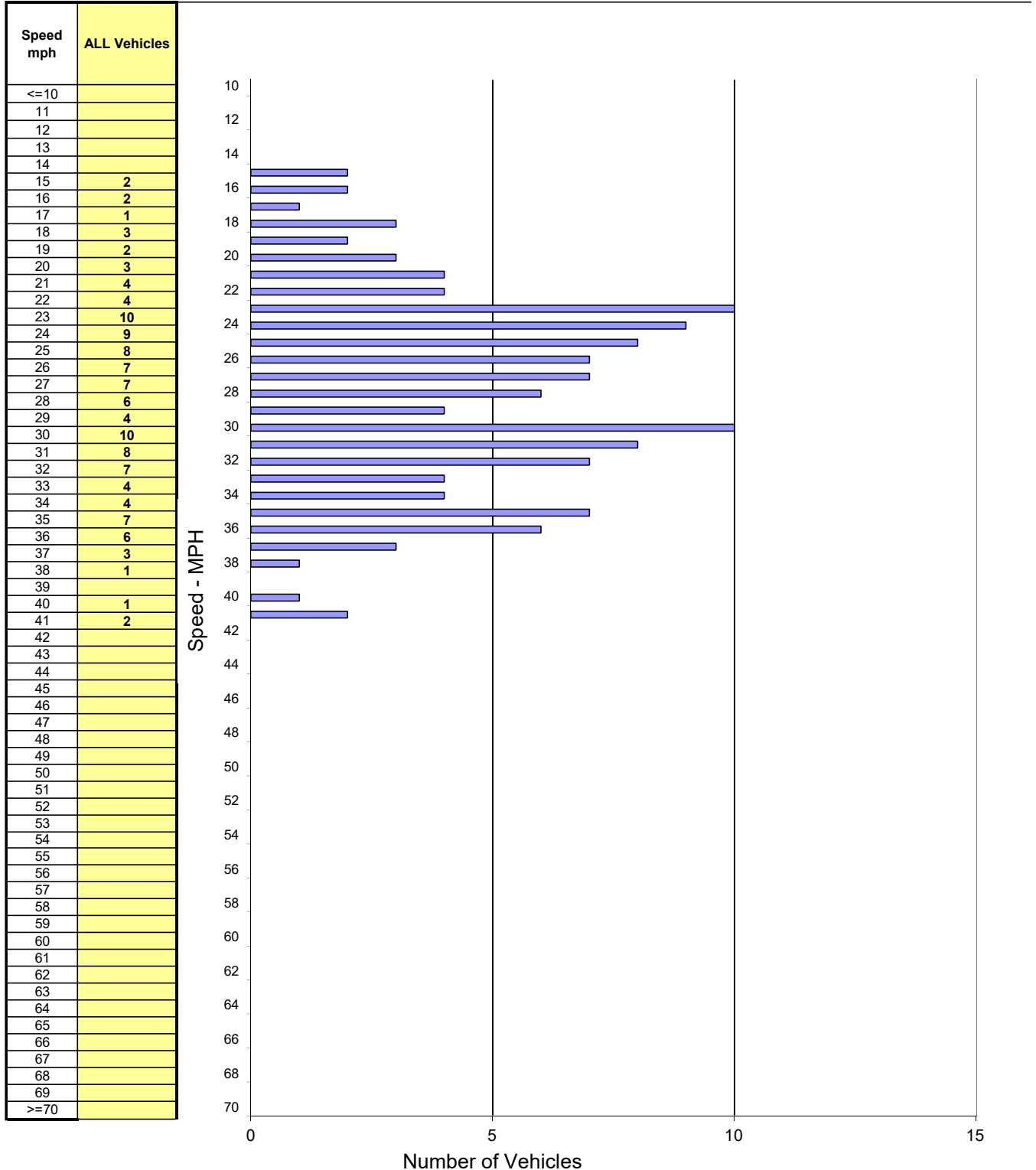
Prepared by: National Data & Surveying Services

## City of Hawthorne

DATE: 6/22/2021  
TIME: 14:15-15:00

Location: El Segundo Blvd Bet. Crenshaw Blvd & Van Ness Ave  
Posted Speed: 40 MPH Clear/Dry Project #: 21-020178-013

### Eastbound & Westbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	125	15 - 41	28 mph	35 mph	23 - 32	76	61%	16% / 21	23% / 28

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE



**HAWTHORNE BOULEVARD**

**IMPERIAL HIGHWAY TO 120TH ST**

DATE: 6/17/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 10:45 AM - 11:15 AM

CHECKED BY: JERRY STOCK

PREVAILING SPEED DATA	
LOCATION OF SURVEY	NORTH OF EL SEGUNDO
DATE OF SURVEY	6/17/2021
85th PERCENTILE	37 MPH
10 MPH PACE	27-36 MPH
PERCENT IN PACE	67%
POSTED SPEED LIMIT	35 MPH

ACCIDENT HISTORY	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	6
TOTAL ACCIDENTS	28
ANNUAL ACCIDENT RATE	3.00 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.74 ACCIDENTS PER MVM (SPEED RELATED ONLY)

TRAFFIC FACTORS	
AVERAGE DAILY TRAFFIC	22,100
LANE CONFIGURATION	4 LANES PER DIRECTION
TRAFFIC CONTROLS	SIGNAL - 120TH / 119TH / 118TH / IMPERIAL
CROSSWALKS	AT 120TH / 119TH (sch) / 118TH / 116TH (flashing beacon) / IMPERIAL
PEDESTRIAN/BICYCLES	YES / YES
TRUCK TRAFFIC	FEW
ON-STREET PARKING	YES
OTHER	2 HR PARKING / GREEN PAINTED BIKE LANES

ROADWAY FACTORS	
LENGTH OF SEGMENT (MILES)	0.50
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	GOOD - FAIR
SIDEWALKS/DRIVEWAYS	YES / HEAVY
STREET LIGHTING	YES
OTHER	RAISED MEDIAN ISLAND

ADJACENT LAND USE	DENSE COMMERCIAL
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RECOMMENDED SPEED LIMIT	35 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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JUSTIFICATION:  
The recommended 35 mph speed limit is 2.0 mph below the 85th percentile speed and meets CVC standards.

# Spot Speed Study

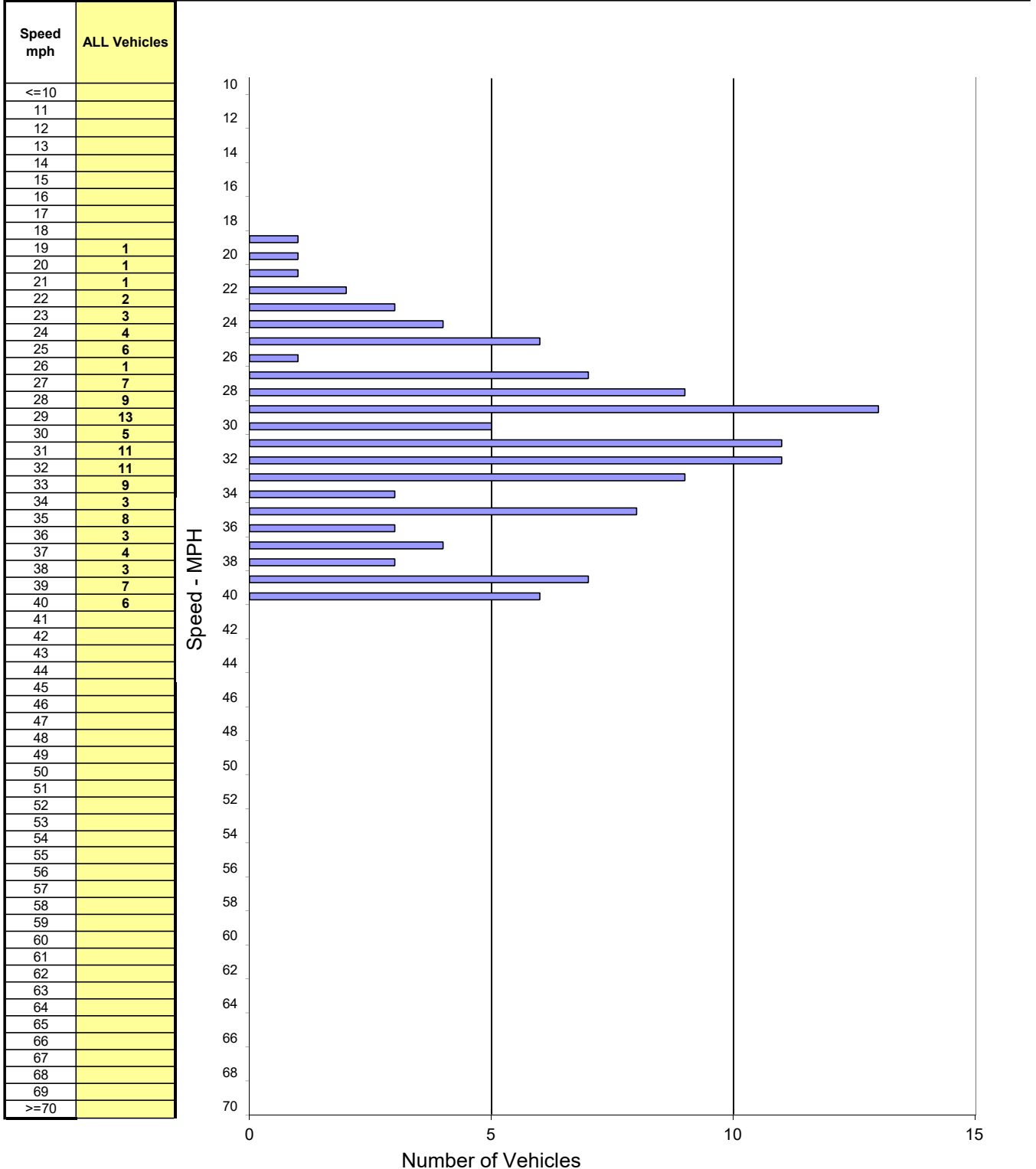
Prepared by: National Data & Surveying Services

## City of Hawthorne

DATE: 6/17/2021  
TIME: 10:45-11:15

Location: Hawthorne Blvd Bet. Imperial Hwy & 120th St  
Posted Speed: 35 MPH Clear/Dry Project #: 21-020178-030

### Northbound & Southbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	118	19 - 40	31 mph	37 mph	27 - 36	79	67%	16% / 19	17% / 20

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE

**HCI**

**HAWTHORNE BOULEVARD**

**120TH ST TO EL SEGUNDO BLVD**

DATE: 6/17/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 2:30 PM - 3:15 PM

CHECKED BY: JERRY STOCK

PREVAILING SPEED DATA	
LOCATION OF SURVEY	NORTH OF EL SEGUNDO
DATE OF SURVEY	6/17/2021
85th PERCENTILE	35 MPH
10 MPH PACE	21-30 MPH
PERCENT IN PACE	59%
POSTED SPEED LIMIT	35 MPH

ACCIDENT HISTORY	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	2
TOTAL ACCIDENTS	15
ANNUAL ACCIDENT RATE	1.00 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.25 ACCIDENTS PER MVM (SPEED RELATED ONLY)

TRAFFIC FACTORS	
AVERAGE DAILY TRAFFIC	22,300
LANE CONFIGURATION	3 LANES (SB) / 4 LANES (NB)
TRAFFIC CONTROLS	SIGNAL - 120TH / NORTH MALL ENT / 126TH / BROADWAY / EL SEGUNDO
CROSSWALKS	AT 120TH / NORTH MALL ENT / 126TH / BROADWAY / EL SEGUNDO (sch)
PEDESTRIAN/BICYCLES	YES / YES
TRUCK TRAFFIC	NO
ON-STREET PARKING	NO (NB) - YES (SB) w/ ANGLED PARKING
OTHER	2 HR PARKING / GREEN PAINTED BIKE LANES RAISED MEDIAN BTWN BIKE LANE & ANGELED PARKING ( Shopping Access)

ROADWAY FACTORS	
LENGTH OF SEGMENT (MILES)	0.50
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	GOOD
SIDEWALKS/DRIVEWAYS	YES / HEAVY
STREET LIGHTING	YES
OTHER	RAISED CENTER MEDIAN ISLAND

ADJACENT LAND USE	DENSE COMMERCIAL / POLICE / RxR
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RECOMMENDED SPEED LIMIT	35 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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JUSTIFICATION:	The recommended 35 mph speed limit is at the 85th percentile speed and meets CVC standards.
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# Spot Speed Study

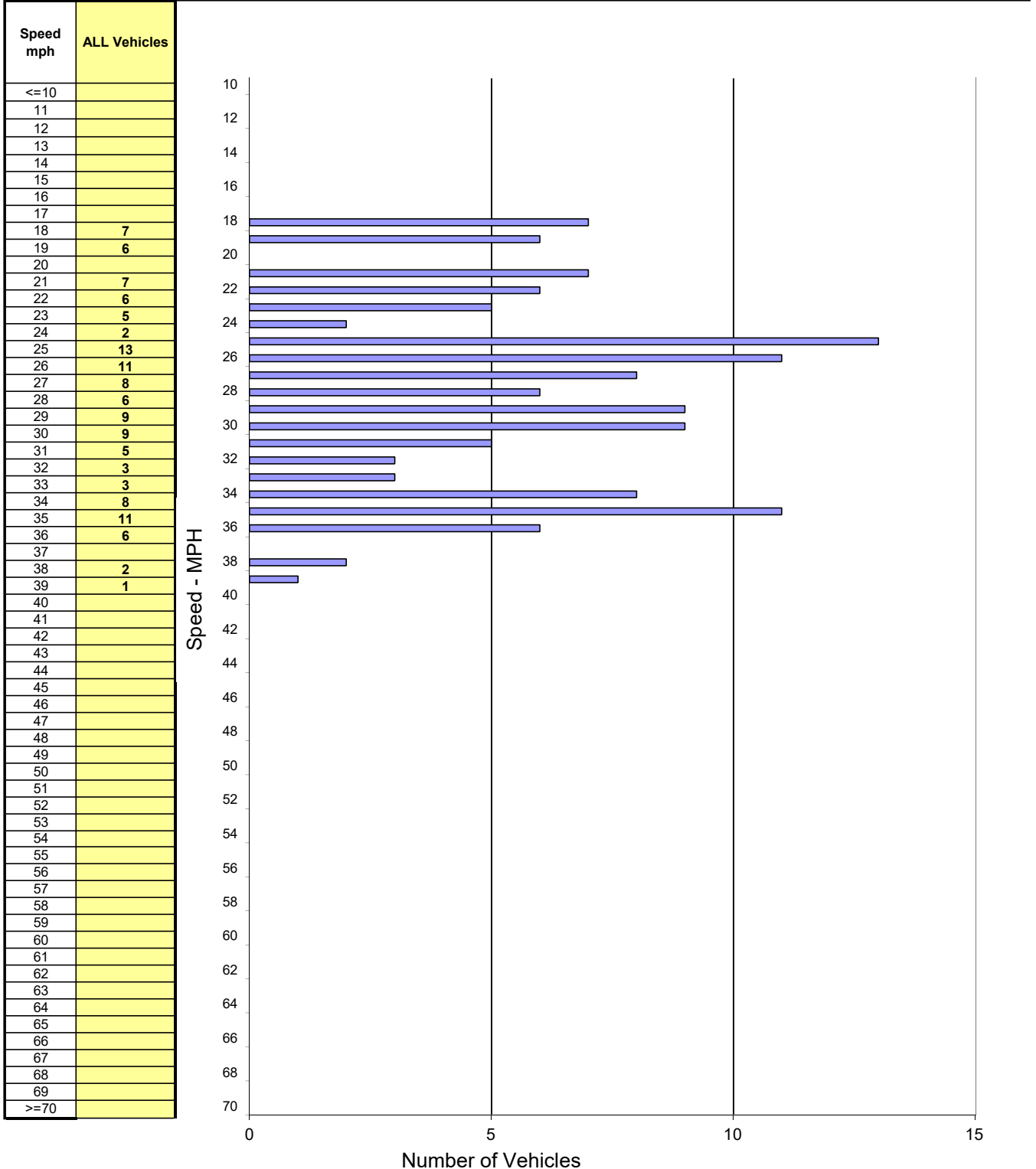
Prepared by: National Data & Surveying Services

## City of Hawthorne

DATE: 6/17/2021  
TIME: 13:30-13:55

Location: Hawthorne Blvd Bet. 120th St & El Segundo Blvd  
Posted Speed: 35 MPH Clear/Dry Project #: 21-020178-031

### Northbound & Southbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	128	18 - 39	27 mph	35 mph	21 - 30	76	59%	10% / 13	31% / 39

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE

**HCI**

**HAWTHORNE BOULEVARD**

**EL SEGUNDO BLVD TO 135TH ST**

DATE: 6/17/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 2:00 PM - 2:25 PM

CHECKED BY: JERRY STOCK

<b>PREVAILING SPEED DATA</b>	
LOCATION OF SURVEY	SOUTH OF EL SEGUNDO
DATE OF SURVEY	6/17/2021
85th PERCENTILE	35 MPH
10 MPH PACE	28-37 MPH
PERCENT IN PACE	68%
POSTED SPEED LIMIT	35 MPH

<b>ACCIDENT HISTORY</b>	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	4
TOTAL ACCIDENTS	16
ANNUAL ACCIDENT RATE	2.00 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.45 ACCIDENTS PER MVM (SPEED RELATED ONLY)

<b>TRAFFIC FACTORS</b>	
AVERAGE DAILY TRAFFIC	26,300
LANE CONFIGURATION	3 LANES PER DIRECTION
TRAFFIC CONTROLS	SIGNAL - EL SEGUNDO / 130TH / 132ND / 135TH
CROSSWALKS	AT EL SEGUNDO (sch) / 130TH (sch) / 132ND / 133RD *fb/ 134TH *fb / 135TH
PEDESTRIAN/BICYCLES	YES / YES
TRUCK TRAFFIC	NO
ON-STREET PARKING	PARALLEL 132nd-135th / ANGLED PARKING / CENTER MEDIAN PARKING 133rd-135th
OTHER	GREEN PAINTED BIKE LANES RAISED MEDIAN BTWN BIKE LANE & ANGELED PARKING ( Shopping Access)

<b>ROADWAY FACTORS</b>	
LENGTH OF SEGMENT (MILES)	0.46
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	GOOD
SIDEWALKS/DRIVEWAYS	YES / HEAVY
STREET LIGHTING	YES
OTHER	RAISED CENTER MEDIAN ISLAND IS A PARKING LOT

ADJACENT LAND USE	DENSE COMMERCIAL
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RECOMMENDED SPEED LIMIT	35 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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**JUSTIFICATION:**  
The recommended 35 mph speed limit is at the 85th percentile speed and meets CVC standards.

\*fb = Flashing Beacon



# Spot Speed Study

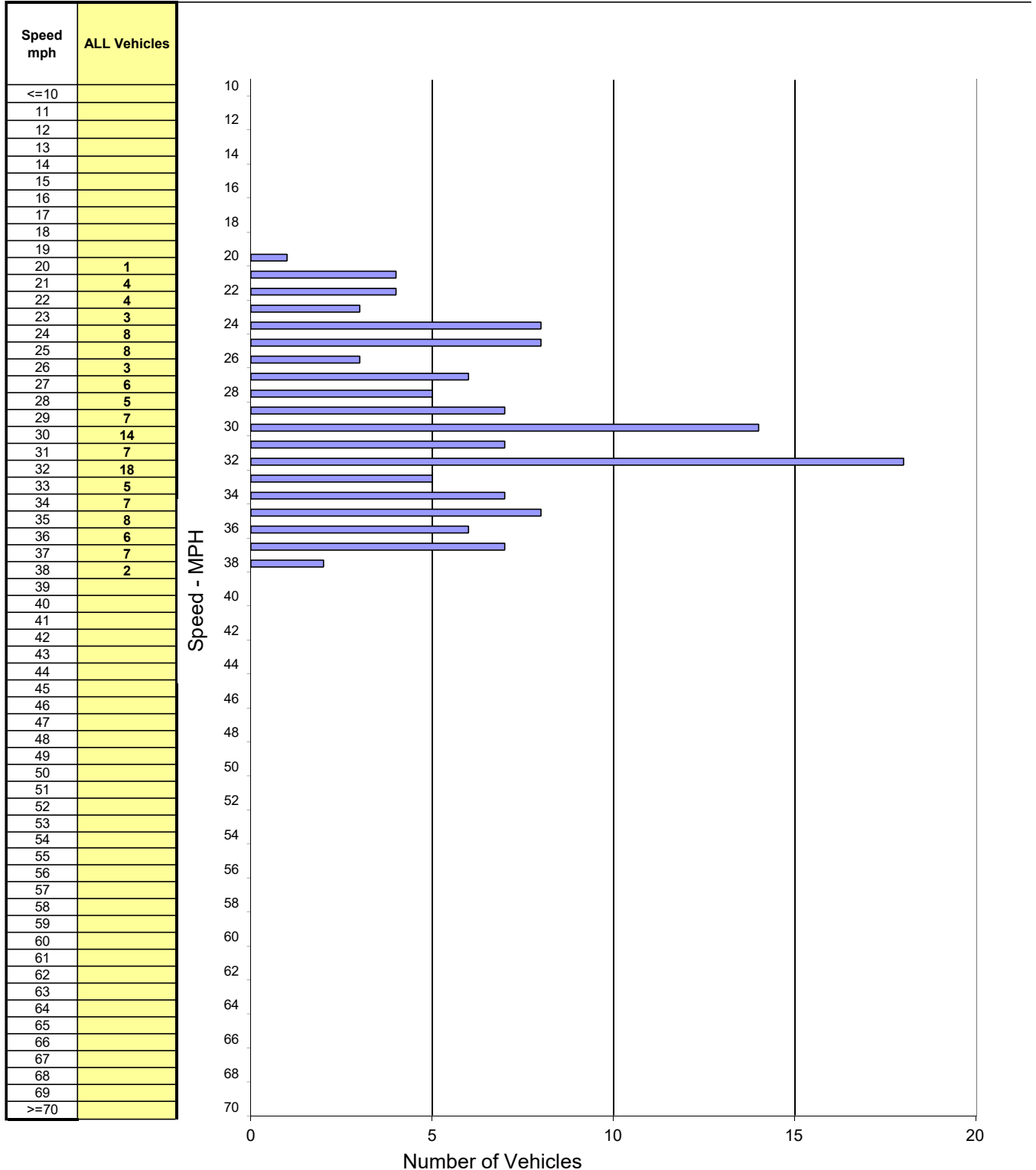
Prepared by: National Data & Surveying Services

## City of Hawthorne

DATE: 6/17/2021  
TIME: 14:00-14:25

Location: Hawthorne Blvd Bet. El Segundo Blvd & 135th St  
Posted Speed: 35 MPH Clear/Dry Project #: 21-020178-032

### Northbound & Southbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	123	20 - 38	30 mph	35 mph	28 - 37	84	68%	30% / 37	2% / 2

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE



**HAWTHORNE BOULEVARD**

**135TH ST TO ROSECRANS AVE**

DATE: 6/17/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 2:30 PM - 3:15 PM

CHECKED BY: JERRY STOCK

PREVAILING SPEED DATA	
LOCATION OF SURVEY	SOUTH OF EL SEGUNDO
DATE OF SURVEY	6/17/2021
85th PERCENTILE	35 MPH
10 MPH PACE	27-36 MPH
PERCENT IN PACE	73%
POSTED SPEED LIMIT	35 MPH

ACCIDENT HISTORY	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	3
TOTAL ACCIDENTS	33
ANNUAL ACCIDENT RATE	1.50 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.27 ACCIDENTS PER MVM (SPEED RELATED ONLY)

TRAFFIC FACTORS	
AVERAGE DAILY TRAFFIC	28,400
LANE CONFIGURATION	3 LANES PER DIRECTION
TRAFFIC CONTROLS	SIGNAL - 135TH / 138TH / 141ST / ROSECRANS
CROSSWALKS	AT 135TH / 136TH / 138TH / 139TH (flashing beacon) / 141ST / ROSECRANS
PEDESTRIAN/BICYCLES	YES / YES
TRUCK TRAFFIC	NO
ON-STREET PARKING	PARALLEL / CENTER MEDIAN PARKING
OTHER	GREEN PAINTED BIKE LANES BUS STOPS

ROADWAY FACTORS	
LENGTH OF SEGMENT (MILES)	0.54
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	GOOD
SIDEWALKS/DRIVEWAYS	YES / YES
STREET LIGHTING	YES
OTHER	RAISED CENTER MEDIAN ISLAND IS A PARKING LOT

ADJACENT LAND USE	DENSE COMMERCIAL
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RECOMMENDED SPEED LIMIT	35 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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JUSTIFICATION:  
The recommended 35 mph speed limit is at the 85th percentile speed and meets CVC standards.

# Spot Speed Study

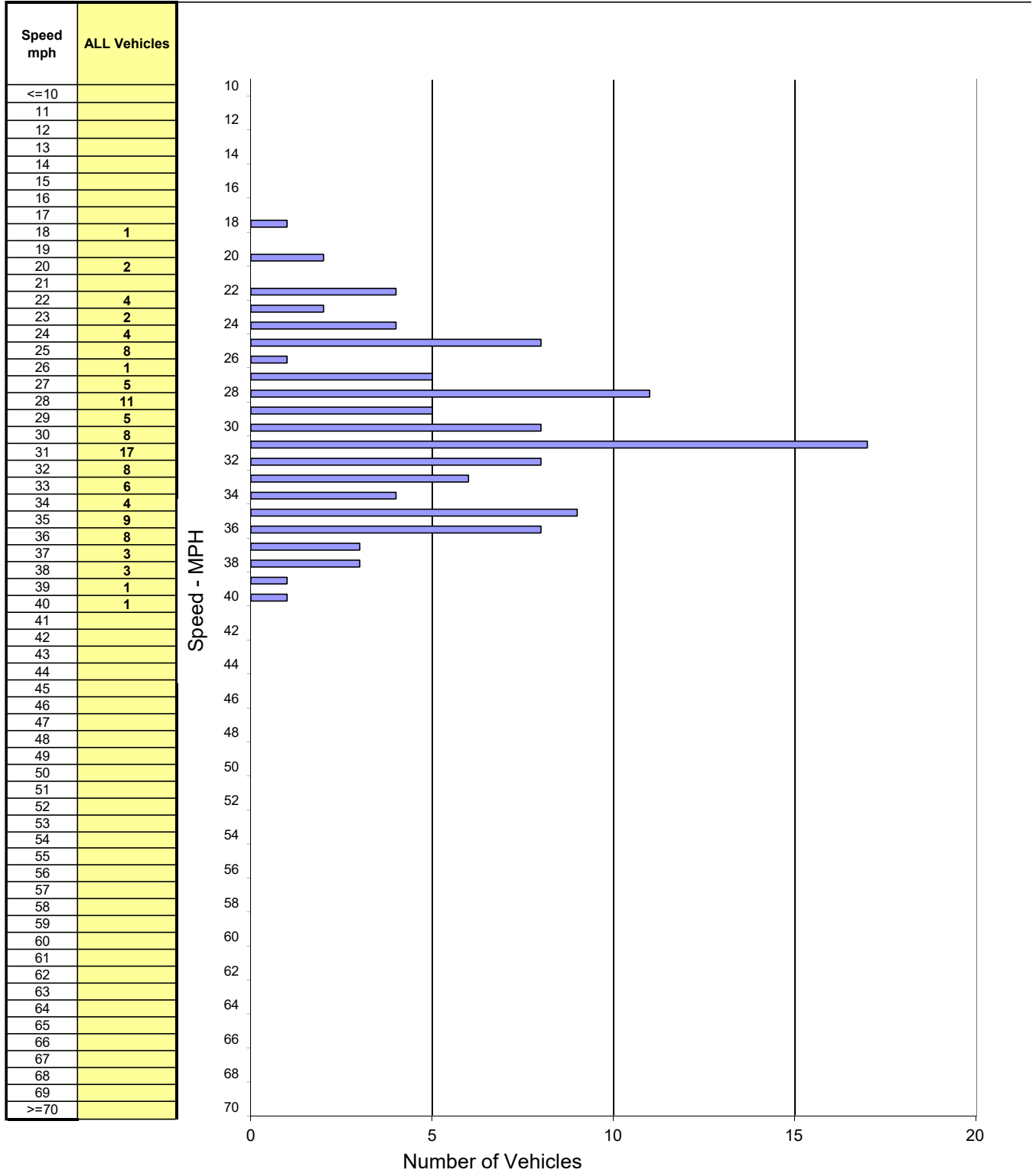
Prepared by: National Data & Surveying Services

## City of Hawthorne

DATE: 6/17/2021  
TIME: 14:30-15:15

Location: Hawthorne Blvd Bet. 135th St & Rosecrans Ave  
Posted Speed: 35 MPH Clear/Dry Project #: 21-020178-033

### Northbound & Southbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	111	18 - 40	31 mph	35 mph	27 - 36	81	73%	19% / 22	8% / 8

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE



**IMPERIAL HIGHWAY**

**INGLEWOOD AVE TO HAWTHORNE BLVD**

DATE: 6/15/2021  
 TIME: 2:05 PM - 2:40 PM

SURVEY BY: NDS / C. BUENIDA  
 CHECKED BY: JERRY STOCK

<b>PREVAILING SPEED DATA</b>	
LOCATION OF SURVEY	EAST OF INGLEWOOD
DATE OF SURVEY	6/15/2021
85th PERCENTILE	42 MPH
10 MPH PACE	32-41 MPH
PERCENT IN PACE	69%
POSTED SPEED LIMIT	35 MPH

<b>ACCIDENT HISTORY</b>	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	0
TOTAL ACCIDENTS	14
ANNUAL ACCIDENT RATE	0.00 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.00 ACCIDENTS PER MVM (SPEED RELATED ONLY)

<b>TRAFFIC FACTORS</b>	
AVERAGE DAILY TRAFFIC	22,900
LANE CONFIGURATION	3 LANES PER DIRECTION (3rd Lane Shares with On-street Parking)
TRAFFIC CONTROLS	SIGNAL - HAWTHORNE / FIRMONA / INGLEWOOD
CROSSWALKS	AT HAWTHORNE / FIRMONA / INGLEWOOD
PEDESTRIAN/BICYCLES	YES / FEW
TRUCK TRAFFIC	FEW
ON-STREET PARKING	YES
OTHER	NO PARKING 6am-9am, 3pm-7pm NO SHOULDERS

<b>ROADWAY FACTORS</b>	
LENGTH OF SEGMENT (MILES)	0.51
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	POOR
SIDEWALKS/DRIVEWAYS	YES / YES
STREET LIGHTING	YES
OTHER	PARTIAL RAISED MEDIAN AND PAINTED ISLAND

ADJACENT LAND USE	COMMERCIAL / MULTI-FAMILY RESIDENTIAL
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RECOMMENDED SPEED LIMIT	35 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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**JUSTIFICATION:**  
 This section of Imperial Highway is a six lane roadway. The 3rd travel lane shares with on-street parking at scheduled times. The adjacent land uses are commercial and multi-family residential. Field observations include a posted speed limit of 35 mph within segment and at adjacent easterly section, many intersections (9) about 0.06 miles apart, painted island with lefts at these 9 intersections, many driveways, no shoulders, and the 3rd lane is shared with on-street parking. The speed study results show an 85th percentile speed of 42 mph and a 10 mph pace range of 32 to 41 mph. With that and keeping consistency with adjacent land uses, it is recommended that the existing 35 mph remain.

NOTE: a 35 mph speed limit east of Hawthorne Blvd.

# Spot Speed Study

Prepared by: National Data & Surveying Services

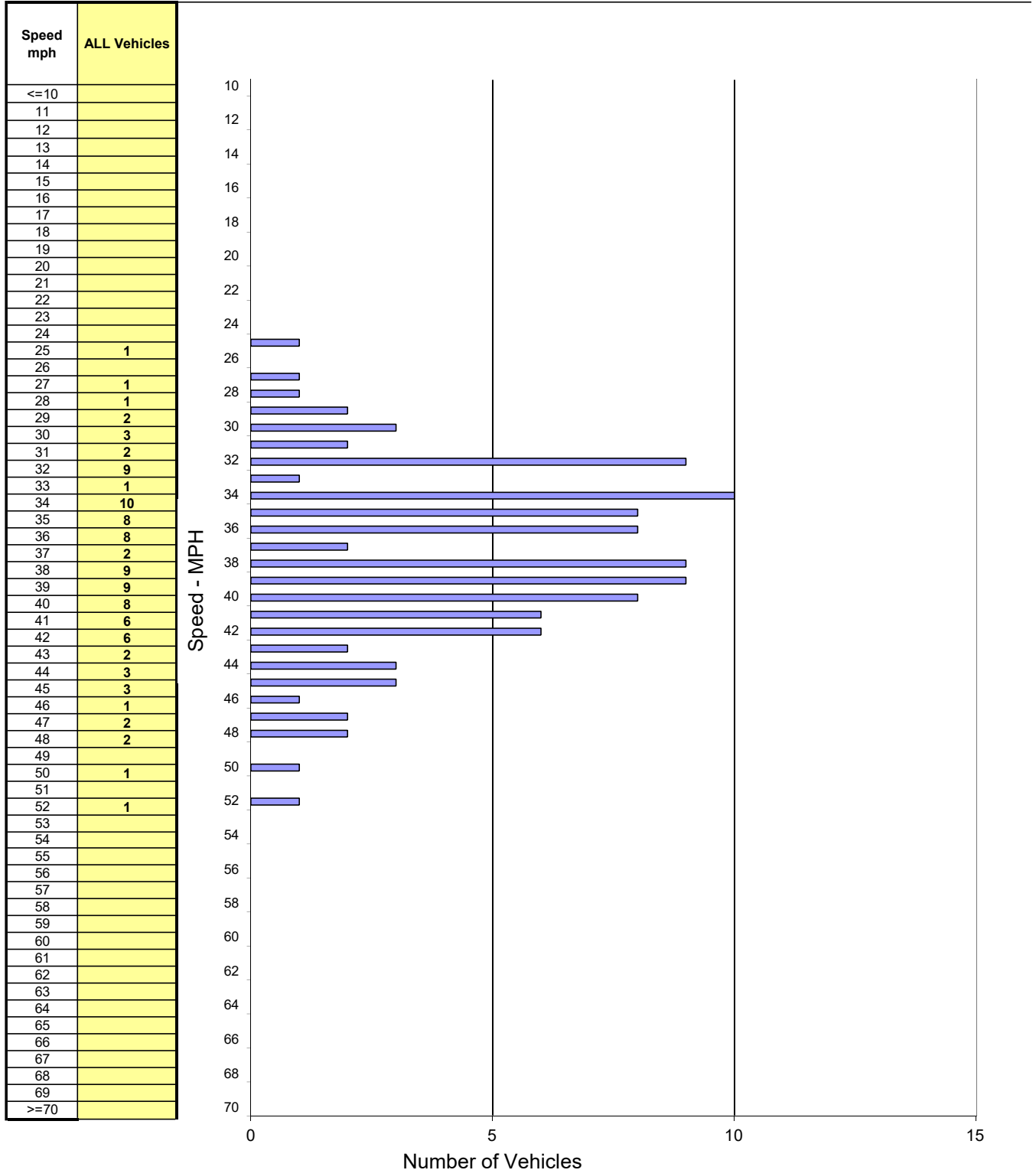
## City of Hawthorne

DATE: 6/15/2021  
TIME: 13:30-14:00

Location: 4624 Imperial Hwy  
Posted Speed: 35 MPH Clear/Dry

Project #: 21-020178-001

### Eastbound & Westbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	101	25 - 52	38 mph	42 mph	32 - 41	70	69%	9% / 10	21% / 21

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE

**HCI**

**IMPERIAL HIGHWAY**

**HAWTHORNE BLVD TO PRAIRIE AVE**

DATE: 6/15/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 2:05 PM - 2:40 PM

CHECKED BY: JERRY STOCK

PREVAILING SPEED DATA	
LOCATION OF SURVEY	EAST OF HAWTHORNE
DATE OF SURVEY	6/15/2021
85th PERCENTILE	40 MPH
10 MPH PACE	27-36 MPH
PERCENT IN PACE	71%
POSTED SPEED LIMIT	35 MPH

ACCIDENT HISTORY	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	3
TOTAL ACCIDENTS	18
ANNUAL ACCIDENT RATE	1.50 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.36 ACCIDENTS PER MVM (SPEED RELATED ONLY)

TRAFFIC FACTORS	
AVERAGE DAILY TRAFFIC	22,850
LANE CONFIGURATION	3 LANES PER DIRECTION (3rd Lane shared w/on-street parking)
TRAFFIC CONTROLS	SIGNAL - HAWTHORNE / 105 E/B RAMP-FREEMAN / PRAIRIE
CROSSWALKS	AT HAWTHORNE / 105 E/B RAMP-FREEMAN / PRAIRIE
PEDESTRIAN/BICYCLES	YES / FEW
TRUCK TRAFFIC	FEW
ON-STREET PARKING	YES w/RESTRICTIONS
OTHER	NO PARKING 6am-9am, 3pm-7pm BUS STOPS / AREAS OF RED CURB

ROADWAY FACTORS	
LENGTH OF SEGMENT (MILES)	0.50
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	FAIR-POOR
SIDEWALKS/DRIVEWAYS	YES / YES
STREET LIGHTING	YES
OTHER	PARTIAL RAISED MEDIAN AND PAINTED ISLAND

ADJACENT LAND USE	COMMERCIAL / HOTEL / 105 FWY
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RECOMMENDED SPEED LIMIT	35 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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JUSTIFICATION:	The recommended 35 mph is 5 mph below the 85th percentile speed of 40 mph and meets CVC standards.
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# Spot Speed Study

Prepared by: National Data & Surveying Services

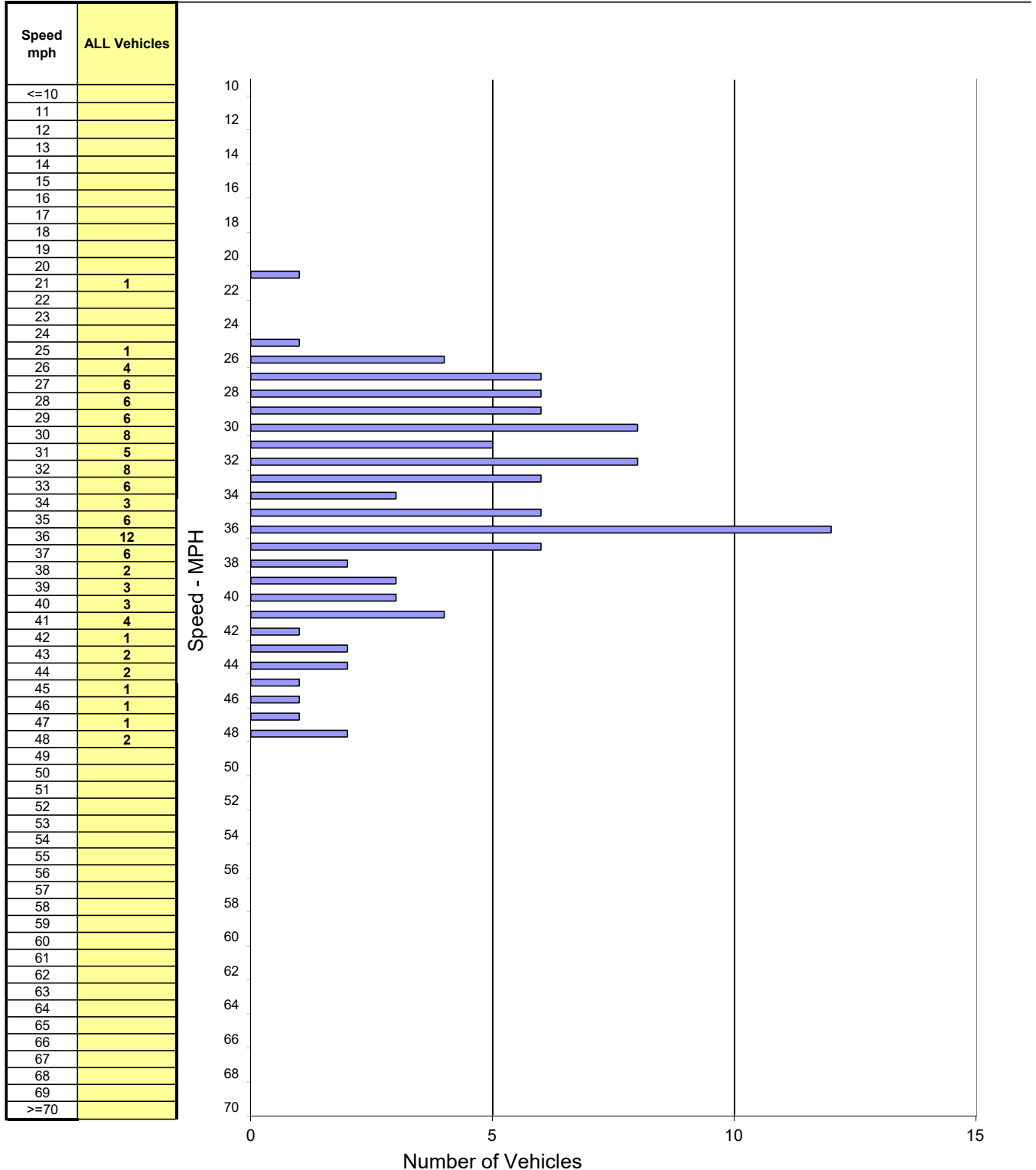
## City of Hawthorne

DATE: 6/15/2021  
TIME: 14:05-14:40

Location: 4234 Imperial Hwy  
Posted Speed: 35 MPH Clear/Dry

Project #: 21-020178-002

### Eastbound & Westbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	100	21 - 48	33 mph	40 mph	27 - 36	66	66%	6% / 6	28% / 28

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE

**HCI**

**INGLEWOOD AVENUE**

**IMPERIAL HWY TO 120th ST**

DATE: 6/16/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 2:55 PM - 3:40 PM

CHECKED BY: JERRY STOCK

PREVAILING SPEED DATA	
LOCATION OF SURVEY	SOUTH OF EL SEGUNDO
DATE OF SURVEY	6/16/2021
85th PERCENTILE	39 MPH
10 MPH PACE	30-39 MPH
PERCENT IN PACE	81%
POSTED SPEED LIMIT	35 MPH

ACCIDENT HISTORY	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	1
TOTAL ACCIDENTS	11
ANNUAL ACCIDENT RATE	0.50 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.17 ACCIDENTS PER MVM (SPEED RELATED ONLY)

TRAFFIC FACTORS	
AVERAGE DAILY TRAFFIC	15,950
LANE CONFIGURATION	2 LANES PER DIRECTION
TRAFFIC CONTROLS	SIGNAL - IMPERIAL / 118TH / 120TH
CROSSWALKS	AT IMPERIAL / 116TH / 118TH / 120TH (sch)
PEDESTRIAN/BICYCLES	YES / YES
TRUCK TRAFFIC	NO
ON-STREET PARKING	YES
OTHER	BUS STOPS AREAS OF NO STOPPING ANYTIME & RED CURB

ROADWAY FACTORS	
LENGTH OF SEGMENT (MILES)	0.50
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	GOOD
SIDEWALKS/DRIVEWAYS	YES / YES
STREET LIGHTING	YES
OTHER	PARTIAL RAISED MEDIAN AND PAINTED ISLAND

ADJACENT LAND USE	RESIDENTIAL (F) / COMMERCIAL
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RECOMMENDED SPEED LIMIT	35 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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JUSTIFICATION:  
The recommended 35 mph is within 4 mph of the 85th percentile speed of 39 mph and meets CVC standards.



# Spot Speed Study

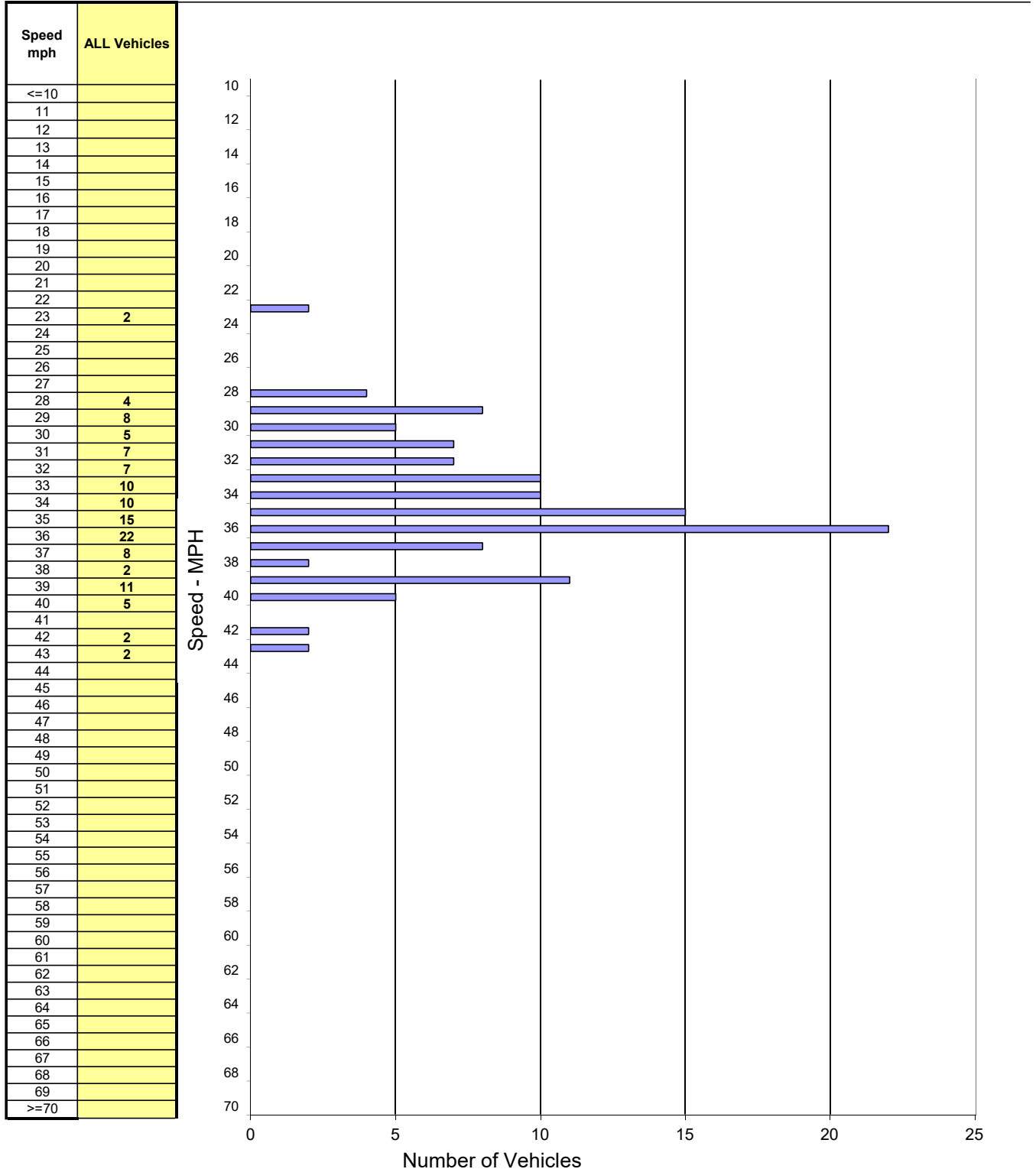
Prepared by: National Data & Surveying Services

## City of Hawthorne

DATE: 6/16/2021  
TIME: 14:55-15:40

Location: Inglewood Ave Bet. Imperial Hwy & 120th St  
Posted Speed: 35 MPH Clear/Dry Project #: 21-020178-026

### Northbound & Southbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	120	23 - 43	35 mph	39 mph	30 - 39	97	81%	11% / 14	8% / 9

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE



**INGLEWOOD AVENUE**

**120th ST TO EL SEGUNDO BLVD**

DATE: 6/17/2021  
TIME: 9:00 AM - 9:30 AM

SURVEY BY: NDS / C. BUENIDA  
CHECKED BY: JERRY STOCK

<b>PREVAILING SPEED DATA</b>	
LOCATION OF SURVEY	SOUTH OF EL SEGUNDO
DATE OF SURVEY	6/17/2021
85th PERCENTILE	42 MPH
10 MPH PACE	29-38 MPH
PERCENT IN PACE	66%
POSTED SPEED LIMIT	35 MPH / *25 MPH

<b>ACCIDENT HISTORY</b>	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	0
TOTAL ACCIDENTS	12
ANNUAL ACCIDENT RATE	0.00 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.00 ACCIDENTS PER MVM (SPEED RELATED ONLY)

<b>TRAFFIC FACTORS</b>	
AVERAGE DAILY TRAFFIC	16,700
LANE CONFIGURATION	2 LANES PER DIRECTION
TRAFFIC CONTROLS	SIGNAL - 120TH / 124TH / EL SEGUNDO / BROADWAY
CROSSWALKS	AT 120TH (sch) / 124TH (sch) / EL SEGUNDO (sch) / BROADWAY
PEDESTRIAN/BICYCLES	YES / YES
TRUCK TRAFFIC	NO
ON-STREET PARKING	YES
OTHER	BUS STOPS AREAS OF NO STOPPING ANYTIME & RED CURB

<b>ROADWAY FACTORS</b>	
LENGTH OF SEGMENT (MILES)	0.50
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	GOOD
SIDEWALKS/DRIVEWAYS	YES / FEW
STREET LIGHTING	YES
OTHER	PARTIAL RAISED MEDIAN AND 2 WAY LEFT TURN CENTERLANE

<b>ADJACENT LAND USE</b>	RESIDENTIAL (F) / MULTI-FAMILY / COMMERCIAL / RxR / SCHOOL-PARK
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<b>RECOMMENDED SPEED LIMIT</b>	35 MPH
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<b>SPEED LIMIT CHANGE</b>	NO CHANGE
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**JUSTIFICATION:**

This portion of Inglewood Avenue has 2 travel lanes in each direction. Adjacent land use is a school-park, single family and multi-family residential, and commercial. Traffic signals and crosswalks are located at 120th St, 124th St, El Segundo, and Broadway. The speed limit is 35 mph. Although the E & T speed study resulted with an 85th percentile of 42 mph, it is recommended that the existing 35 mph be maintained rather than 40 mph the speed data may suggest. This keeps continuity and flow with the 35 mph speeds of neighboring roadway segments.

# Spot Speed Study

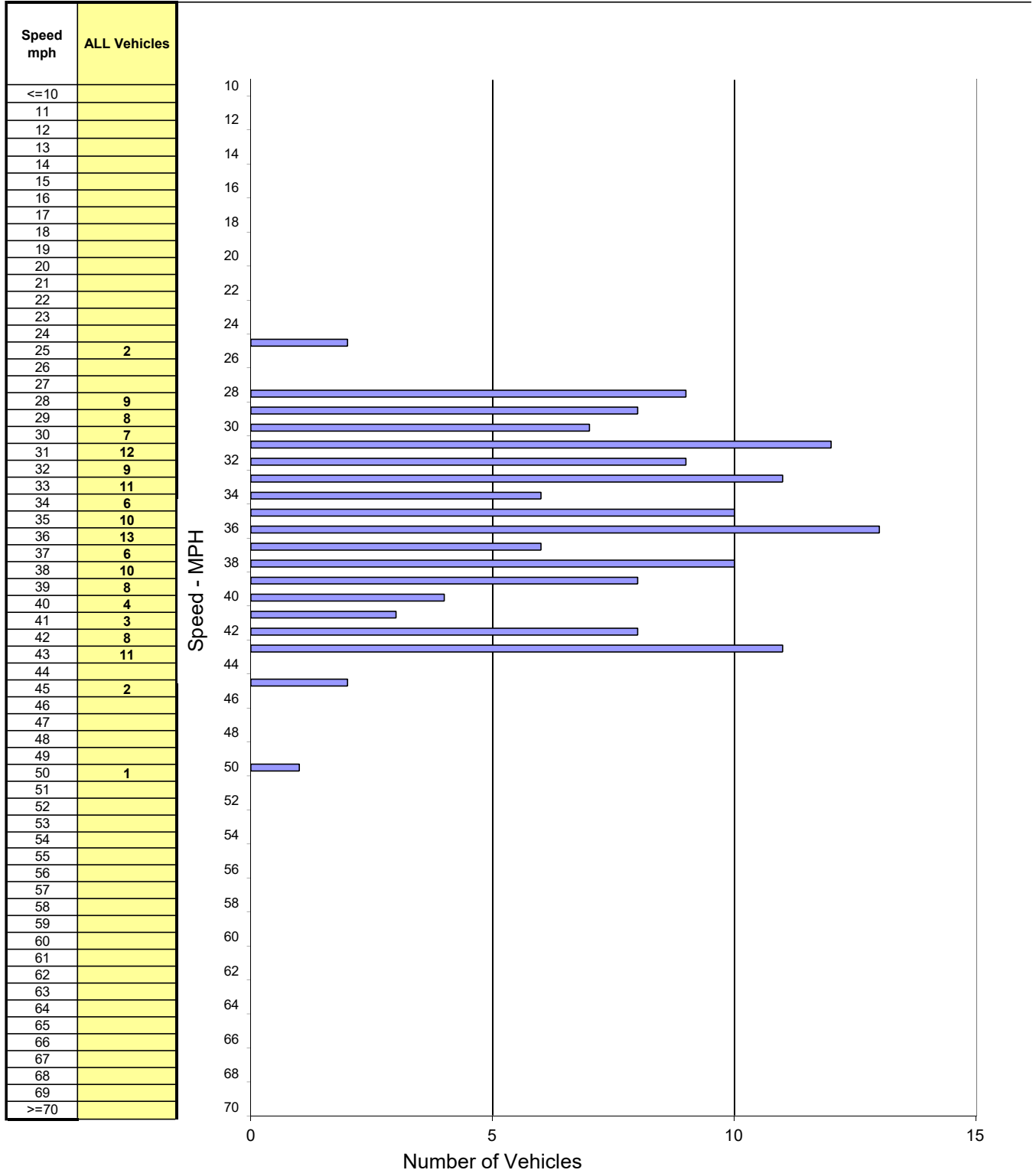
Prepared by: National Data & Surveying Services

## City of Hawthorne

DATE: 6/17/2021  
TIME: 09:00-09:30

Location: Inglewood Ave Bet. 120th St & El Segundo Blvd  
Posted Speed: 35 MPH Clear/Dry Project #: 21-020178-027

### Northbound & Southbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	140	25 - 50	35 mph	42 mph	29 - 38	92	66%	7% / 11	27% / 37

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE



**INGLEWOOD AVENUE**

**EL SEGUNDO BLVD TO 135TH ST**

DATE: 6/17/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 9:35 AM - 10:00 AM

CHECKED BY: JERRY STOCK

<b>PREVAILING SPEED DATA</b>	
LOCATION OF SURVEY	SOUTH OF EL SEGUNDO
DATE OF SURVEY	6/17/2021
85th PERCENTILE	40 MPH
10 MPH PACE	30-39 MPH
PERCENT IN PACE	53%
POSTED SPEED LIMIT	35 MPH / *25 MPH

<b>ACCIDENT HISTORY</b>	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	1
TOTAL ACCIDENTS	8
ANNUAL ACCIDENT RATE	0.50 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.14 ACCIDENTS PER MVM (SPEED RELATED ONLY)

<b>TRAFFIC FACTORS</b>	
AVERAGE DAILY TRAFFIC	22,200
LANE CONFIGURATION	2 LANES PER DIRECTION
TRAFFIC CONTROLS	SIGNAL - EL SEGUNDO / 130TH / 132ND / 135TH
CROSSWALKS	AT EL SEGUNDO (sch) / 130TH (sch) / 132ND / 135TH
PEDESTRIAN/BICYCLES	YES / FEW
TRUCK TRAFFIC	NO
ON-STREET PARKING	YES W/RESTRICTIONS
OTHER	BUS STOPS / AREAS OF RED CURB AREAS OF RED CURB / 1 HR PARKING 8am-6pm / NO PARKING WED 8am-9am

<b>ROADWAY FACTORS</b>	
LENGTH OF SEGMENT (MILES)	0.45
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	GOOD
SIDEWALKS/DRIVEWAYS	YES / YES
STREET LIGHTING	YES
OTHER	PARTIAL RAISED MEDIAN and 2 WAY LEFT TURN CENTERLANE

<b>ADJACENT LAND USE</b>	SOME RESIDENTIAL (F) / COMMERCIAL / CHURCH
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<b>RECOMMENDED SPEED LIMIT</b>	35 MPH
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<b>SPEED LIMIT CHANGE</b>	NO CHANGE
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**JUSTIFICATION:**  
 This portion of Inglewood Avenue is a four lane divided roadway with a posted speed limit of 35 mph. Adjacent land uses are dense commercial, some residential facing roadway and a church. The speed study results show an 85th percentile of 40 mph and a 10 mph pace range of 30-39 mph. With those factors, it is recommended that the existing 35 mph be maintained.

# Spot Speed Study

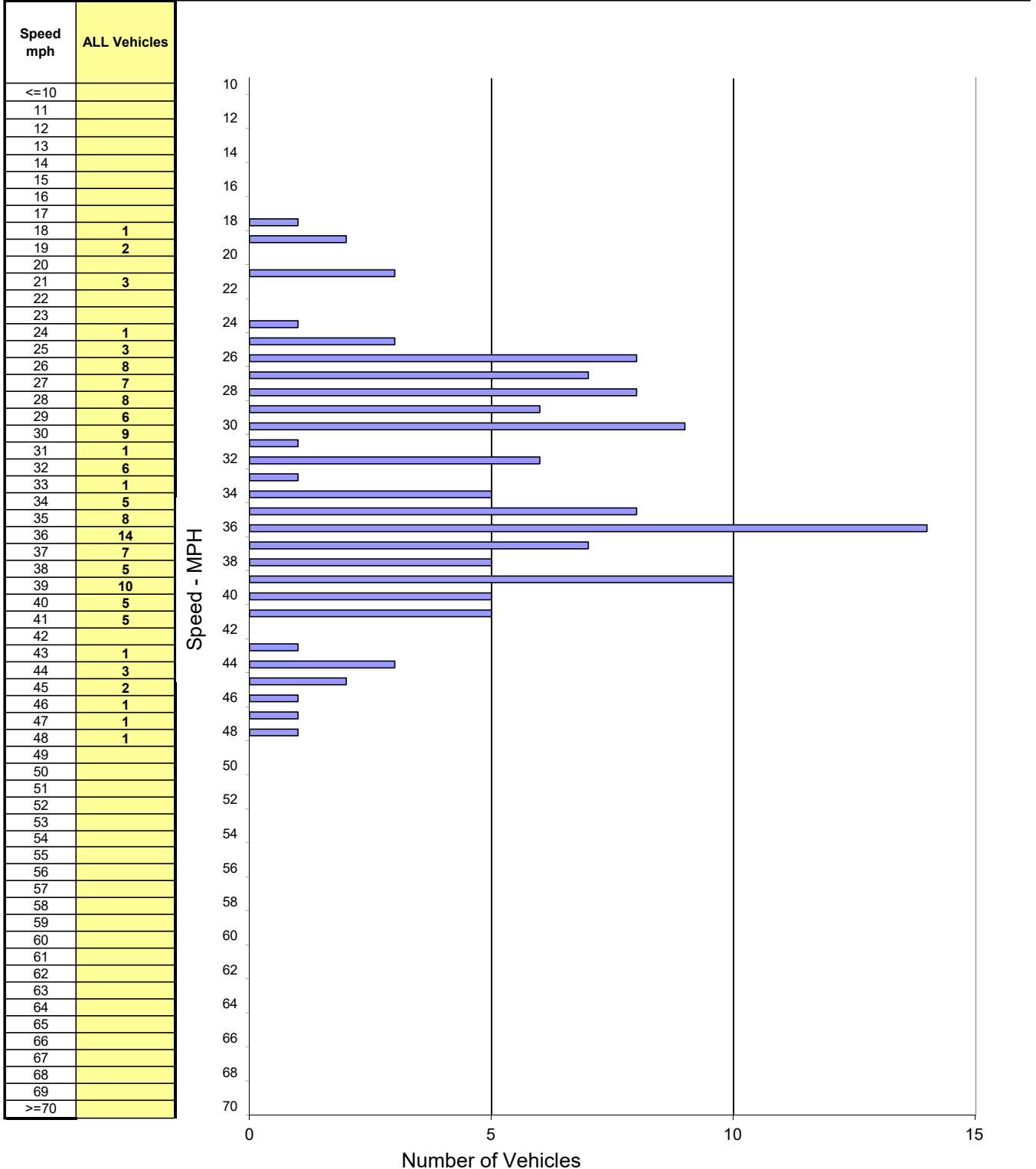
Prepared by: National Data & Surveying Services

## City of Hawthorne

DATE: 6/17/2021  
TIME: 09:35-10:00

Location: Inglewood Ave Bet. El Segundo Blvd & 135th St  
Posted Speed: 35 MPH Clear/Dry Project #: 21-020178-028

### Northbound & Southbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	124	18 - 48	35 mph	40 mph	30 - 39	66	53%	31% / 39	16% / 19

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE

**HCI**

**INGLEWOOD AVENUE**

**135TH ST TO ROSECRANS AVE**

DATE: 6/17/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 10:05 AM - 10:30 AM

CHECKED BY: JERRY STOCK

PREVAILING SPEED DATA	
LOCATION OF SURVEY	SOUTH OF EL SEGUNDO
DATE OF SURVEY	6/17/2021
85th PERCENTILE	37 MPH
10 MPH PACE	25-34 MPH
PERCENT IN PACE	71%
POSTED SPEED LIMIT	35 MPH

ACCIDENT HISTORY	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	0
TOTAL ACCIDENTS	16
ANNUAL ACCIDENT RATE	0.00 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.00 ACCIDENTS PER MVM (SPEED RELATED ONLY)

TRAFFIC FACTORS	
AVERAGE DAILY TRAFFIC	22,650
LANE CONFIGURATION	2 LANES PER DIRECTION
TRAFFIC CONTROLS	SIGNAL - 135TH / 138TH / ROSECRANS
CROSSWALKS	AT 135TH / 138TH / ROSECRANS (sch)
PEDESTRIAN/BICYCLES	YES / FEW
TRUCK TRAFFIC	NO
ON-STREET PARKING	YES
OTHER	BUS STOPS / AREAS OF RED CURB AREAS OF NO SHOULDERS

ROADWAY FACTORS	
LENGTH OF SEGMENT (MILES)	0.52
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	GOOD - FAIR
SIDEWALKS/DRIVEWAYS	YES / YES
STREET LIGHTING	YES
OTHER	PARTIAL RAISED MEDIAN

ADJACENT LAND USE	SOME RESIDENTIAL / COMMERCIAL
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RECOMMENDED SPEED LIMIT	35 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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JUSTIFICATION:	The recommended 35 mph is within 2 mph of the 85th percentile speed of 37 mph and meets CVC standards.
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# Spot Speed Study

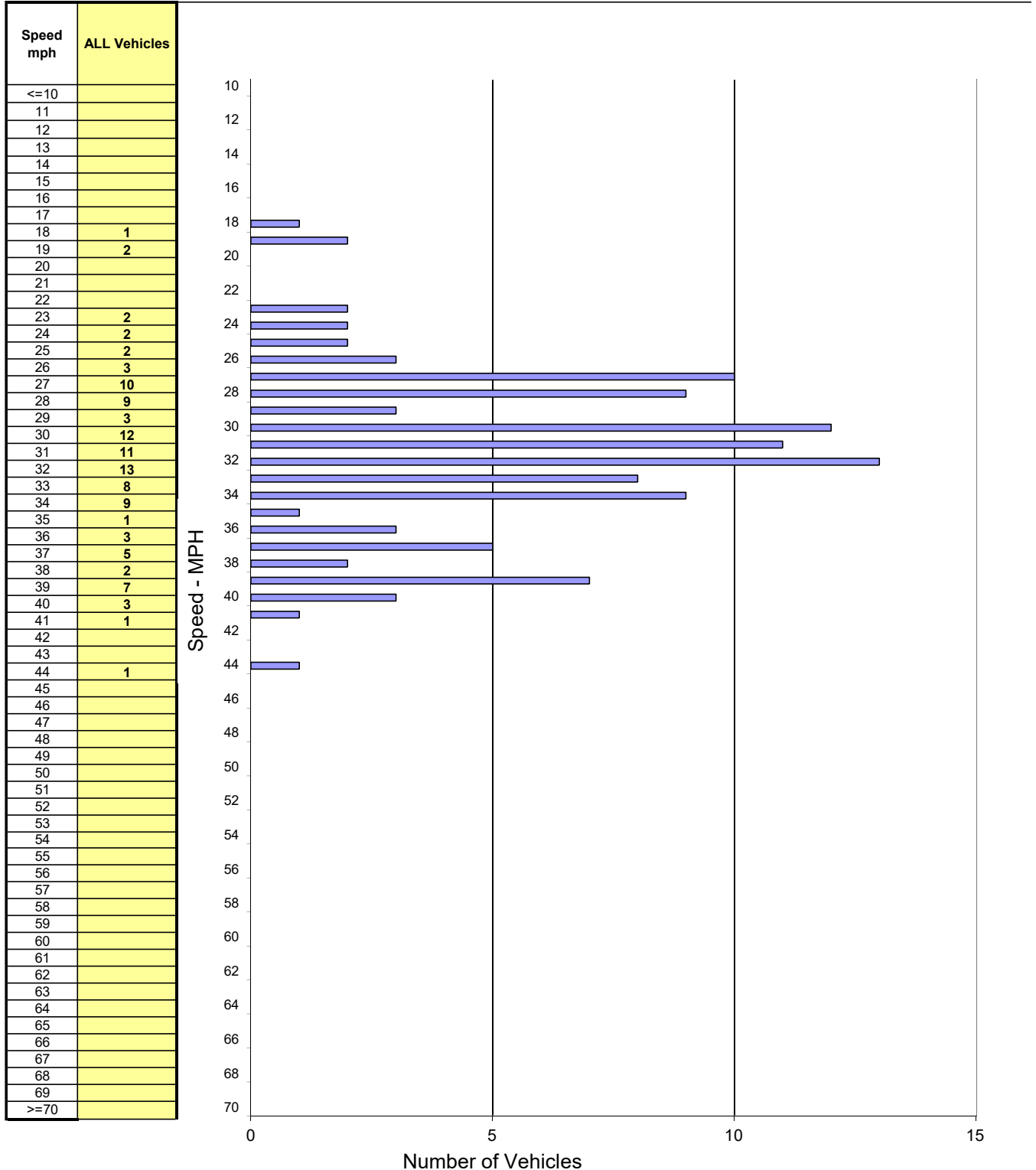
Prepared by: National Data & Surveying Services

## City of Hawthorne

DATE: 6/17/2021  
TIME: 10:05-10:30

Location: Inglewood Ave Bet. 135th St & Rosecrans Ave  
Posted Speed: 35 MPH Clear/Dry Project #: 21-020178-029

### Northbound & Southbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	110	18 - 44	31 mph	37 mph	25 - 34	80	73%	6% / 7	21% / 23

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE



**JACK NORTHROP AVENUE**

**CRENSHAW BLVD TO PRAIRIE AVE**

DATE: 6/17/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 10:05 AM - 10:50 AM

CHECKED BY: JERRY STOCK

PREVAILING SPEED DATA	
LOCATION OF SURVEY	EAST OF CRENSHAW
DATE OF SURVEY	6/17/2021
85th PERCENTILE	38 MPH
10 MPH PACE	23-32 MPH
PERCENT IN PACE	50%
POSTED SPEED LIMIT	40 MPH

ACCIDENT HISTORY	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	0
TOTAL ACCIDENTS	1
ANNUAL ACCIDENT RATE	0.00 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.00 ACCIDENTS PER MVM (SPEED RELATED ONLY)

TRAFFIC FACTORS	
AVERAGE DAILY TRAFFIC	4,000
LANE CONFIGURATION	2 LANES PER DIRECTION ( ** <sup>1</sup> 1 LANE EB )
TRAFFIC CONTROLS	SIGNAL -PRAIRIE / SPACE-X GATE 5 / CRENSHAW, STOP- ** <sup>2</sup> SPACE-X GATE
CROSSWALKS	AT PRAIRIE / GATE 5 / CRENSHAW
PEDESTRIAN/BICYCLES	FEW / NO
TRUCK TRAFFIC	NO
ON-STREET PARKING	PARTIAL (WB) - PARALLEL PARKING (EB)
OTHER	AREAS OF NO PARKING ANYTIME NO SHOULDERS / AREAS OF RED CURB

ROADWAY FACTORS	
LENGTH OF SEGMENT (MILES)	1.00
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	GOOD
SIDEWALKS/DRIVEWAYS	NO / NO (EB) - YES / FEW (WB)
STREET LIGHTING	YES
OTHER	2 WAY LEFT CENTERLANE W/LEFTS

ADJACENT LAND USE	SPACE-X / COMMERCIAL / INDUSTRIAL / RxR PARALLEL
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RECOMMENDED SPEED LIMIT	40 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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JUSTIFICATION:  
The recommended 40 mph 2 mph above the 85th percentile speed and meets CVC standards.

<sup>\*\*1</sup> 1 Lane Eastbound Due to Space-X Container Along Road

<sup>\*\*2</sup> Pop-up Temporary Stop Sign at Space-x Gate 175 ft. east of Prairie Ave



# Spot Speed Study

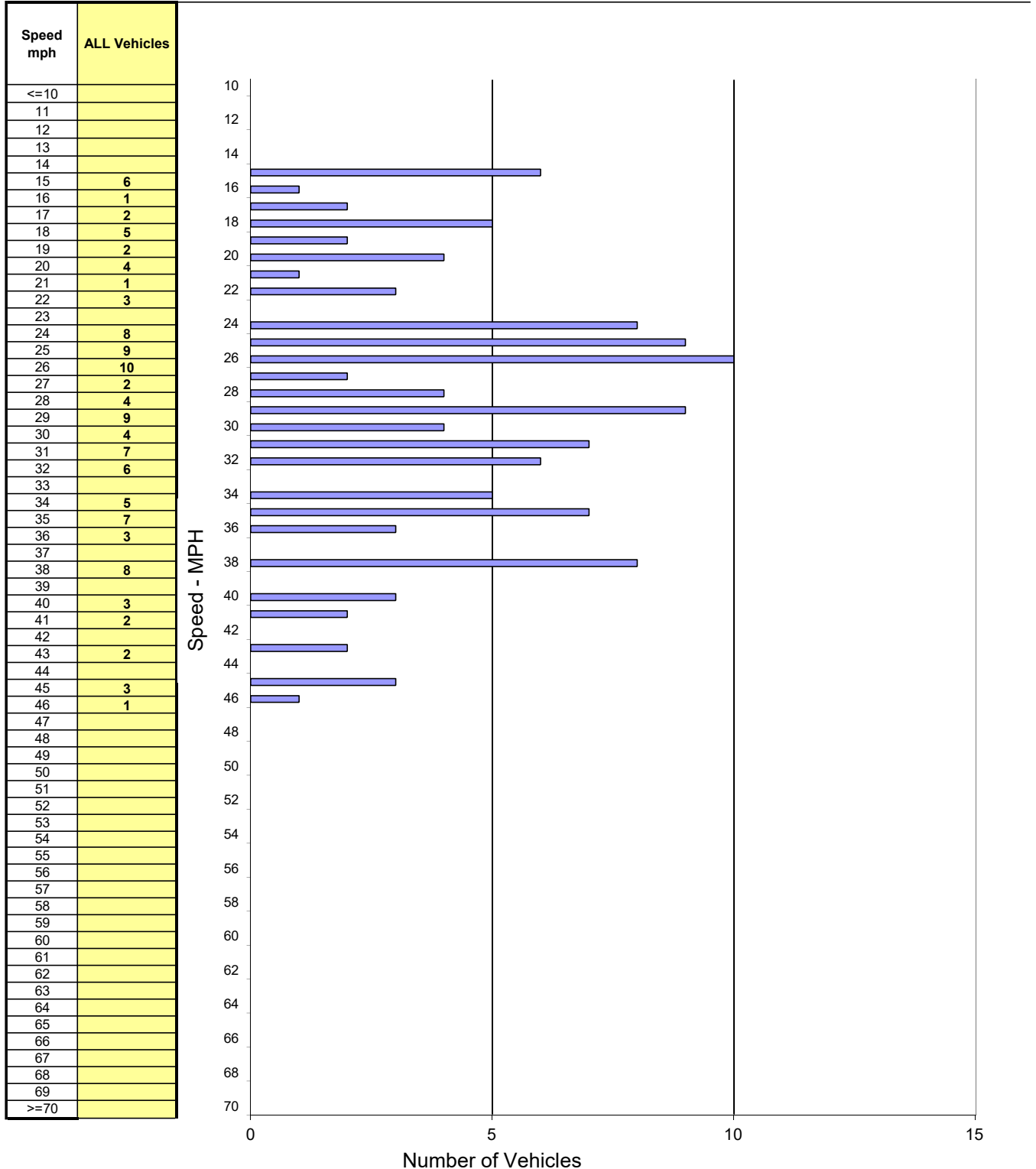
Prepared by: National Data & Surveying Services

## City of Hawthorne

DATE: 6/17/2021  
TIME: 10:05-10:50

Location: Jack Northrop Ave Bet. Crenshaw Blvd & Prairie Ave  
Posted Speed: 40 MPH Clear/Dry Project #: 21-020178-023

### Eastbound & Westbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	117	15 - 46	29 mph	38 mph	23 - 32	59	50%	20% / 24	30% / 34

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE

**HCI**

**MARINE AVENUE**

**AVIATION BLVD TO 405 FREEWAY**

DATE: 6/22/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 3:15 PM - 4:00 PM

CHECKED BY: JERRY STOCK

PREVAILING SPEED DATA	
LOCATION OF SURVEY	EAST OF AVIATION
DATE OF SURVEY	6/22/2021
85th PERCENTILE	38 MPH
10 MPH PACE	31-40 MPH
PERCENT IN PACE	60%
POSTED SPEED LIMIT	40 MPH

ACCIDENT HISTORY	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	0
TOTAL ACCIDENTS	1
ANNUAL ACCIDENT RATE	0.00 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.00 ACCIDENTS PER MVM (SPEED RELATED ONLY)

TRAFFIC FACTORS	
AVERAGE DAILY TRAFFIC	19,000
LANE CONFIGURATION	2 LANES PER DIRECTION
TRAFFIC CONTROLS	SIGNAL - AVIATION / REDONDO BEACH / HOTEL DR / SIMON RAMO
CROSSWALKS	AT AVIATION / REDONDO BEACH / HOTEL DR / SIMON RAMO
PEDESTRIAN/BICYCLES	FEW / NO
TRUCK TRAFFIC	YES
ON-STREET PARKING	NO STOPPING ANYTIME
OTHER	NO SHOULDERS SPEED CHECK BY RADAR

ROADWAY FACTORS	
LENGTH OF SEGMENT (MILES)	0.70
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	GOOD
SIDEWALKS/DRIVEWAYS	YES / FEW
STREET LIGHTING	YES
OTHER	2 WAY LEFT CENTERLANE W/LEFTS

ADJACENT LAND USE	INDUSTRIAL / BUSINESS / METRO LINK / HOTELS / RxD / MULTI-FAMILY RESIDENTIAL
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RECOMMENDED SPEED LIMIT	40 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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JUSTIFICATION:	The recommended 40 mph speed limit is within 2 mph of the 85th percentile speed and meets CVC standards.
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# Spot Speed Study

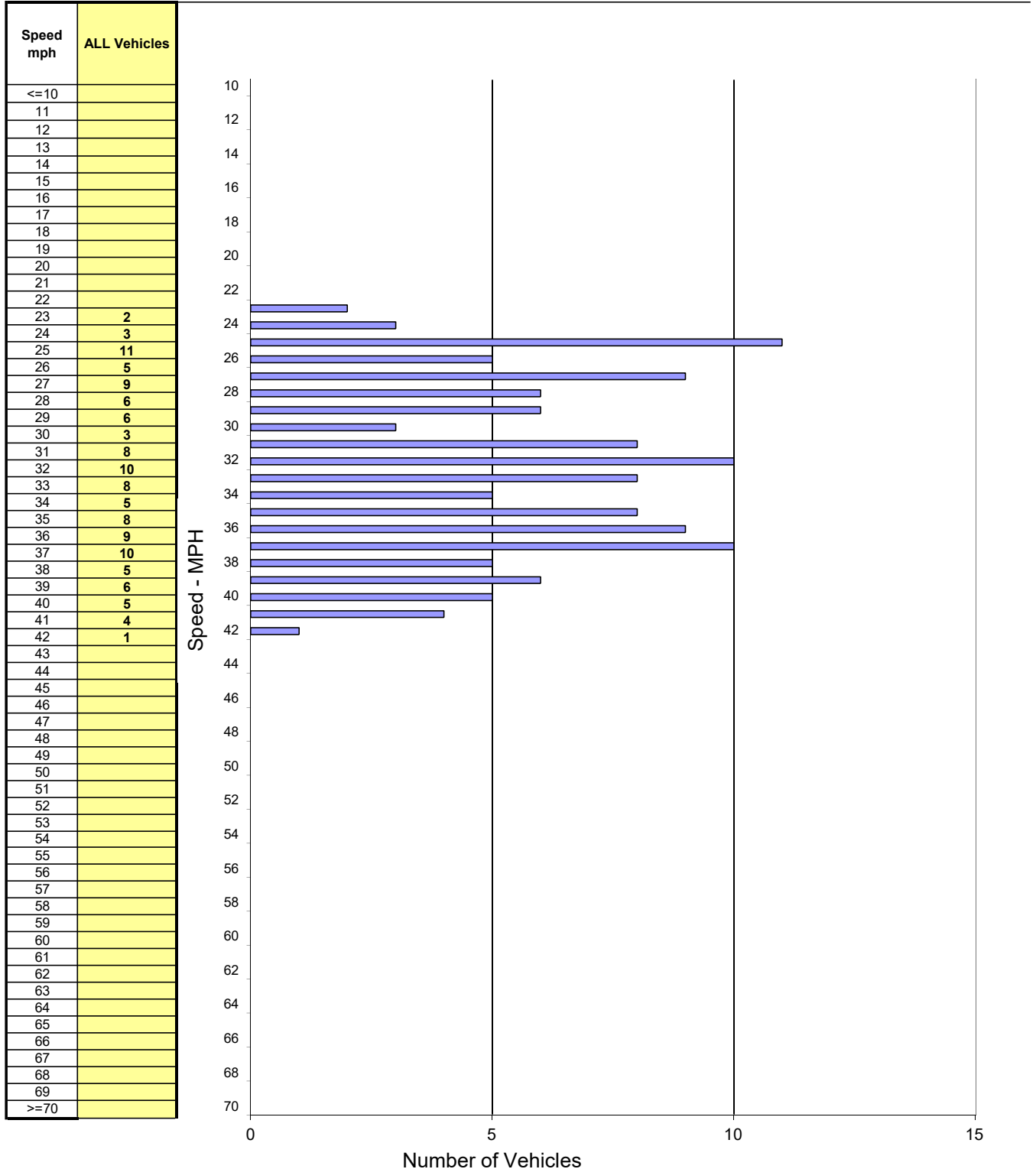
Prepared by: National Data & Surveying Services

## City of Hawthorne

DATE: 6/22/2021  
TIME: 15:15-16:00

Location: Marine Ave Bet. Aviation Blvd & I-405 Ramps  
Posted Speed: 40 MPH Clear/Dry Project #: 21-020178-020

### Eastbound & Westbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	124	23 - 42	32 mph	38 mph	31 - 40	74	60%	36% / 45	5% / 5

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE



**MARINE AVENUE**

**PRAIRIE AVE TO YUKON AVE**

DATE: 6/16/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 9:00 AM - 9:45 AM

CHECKED BY: JERRY STOCK

<b>PREVAILING SPEED DATA</b>	
LOCATION OF SURVEY	EAST OF PRAIRIE
DATE OF SURVEY	6/16/2021
85th PERCENTILE	43 MPH
10 MPH PACE	34-43 MPH
PERCENT IN PACE	68%
POSTED SPEED LIMIT	35 MPH

<b>ACCIDENT HISTORY</b>	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	0
TOTAL ACCIDENTS	1
ANNUAL ACCIDENT RATE	0.00 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.00 ACCIDENTS PER MVM (SPEED RELATED ONLY)

<b>TRAFFIC FACTORS</b>	
AVERAGE DAILY TRAFFIC	19,750
LANE CONFIGURATION	2 LANES PER DIRECTION
TRAFFIC CONTROLS	SIGNAL - PRAIRIE / YUKON
CROSSWALKS	AT PRAIRIE / FOOTHILL / YUKON (sch)
PEDESTRIAN/BICYCLES	NO / NO
TRUCK TRAFFIC	YES
ON-STREET PARKING	NO STOPPING ANYTIME
OTHER	NO SHOULDERS BUS STOPS

<b>ROADWAY FACTORS</b>	
LENGTH OF SEGMENT (MILES)	0.50
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	GOOD - FAIR
SIDEWALKS/DRIVEWAYS	NO / NO
STREET LIGHTING	YES
OTHER	2 WAY LEFT CENTERLANE W/LEFTS

ADJACENT LAND USE	CHURCH / RESIDENTIAL (NF)
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RECOMMENDED SPEED LIMIT	35 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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**JUSTIFICATION:**

This portion of Marine Avenue has two travel lanes per direction. The posted speed limit for this segment and for the neighboring section in the City of Gardena is 35 mph. The adjacent land uses are mainly and residential non-fronting to the roadway. Although, the speed study resulted with an 85th percentile speed of 43 mph, in an effort of keeping consistency with speed limits of adjacent areas, it is recommended that the existing 35 mph speed limit be maintained.

# Spot Speed Study

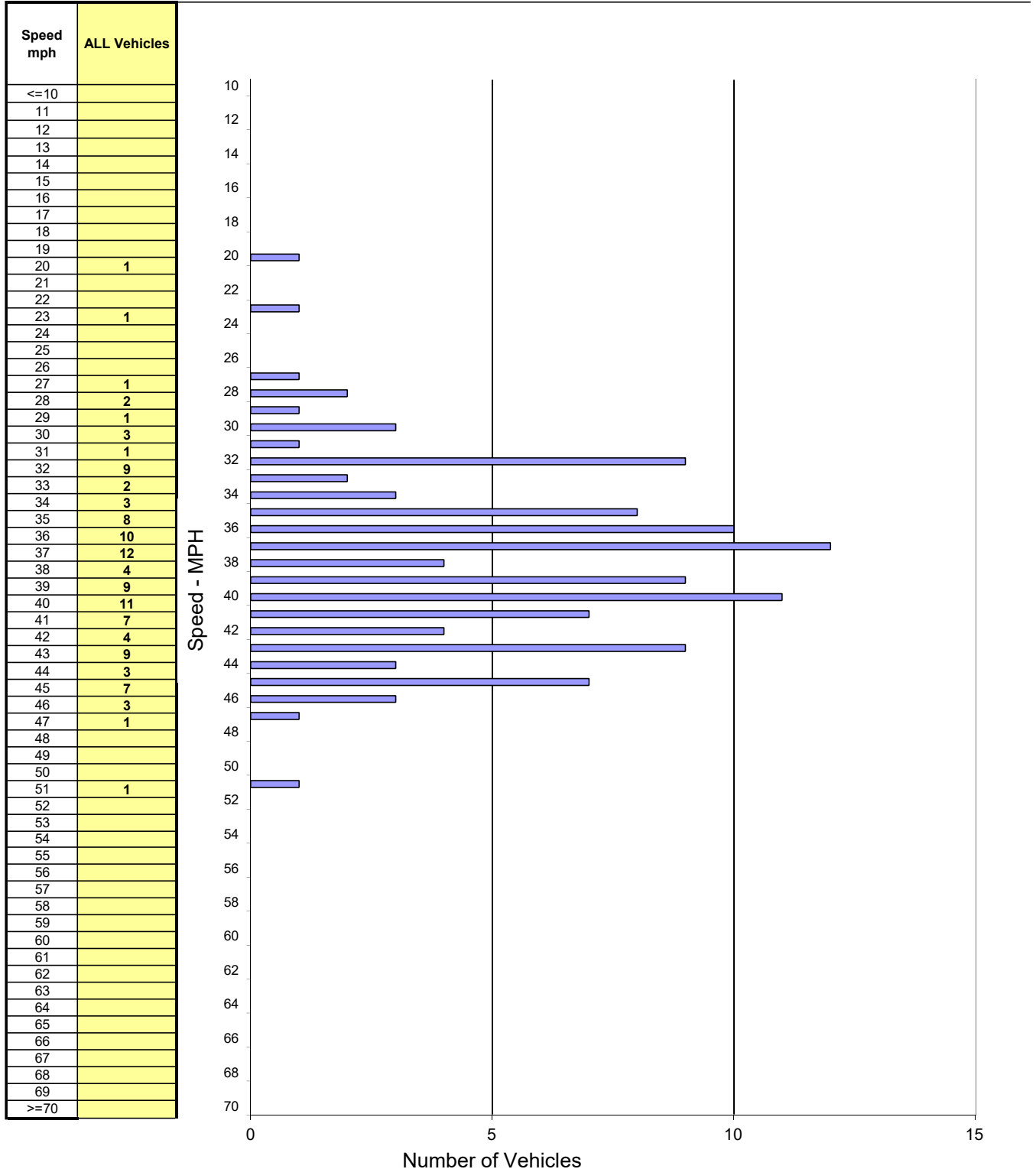
Prepared by: National Data & Surveying Services

## City of Hawthorne

DATE: 6/16/2021  
TIME: 09:00-09:45

Location: Marine Ave Bet. Prairie Ave & Yukon Ave  
Posted Speed: 35 MPH Clear/Dry Project #: 21-020178-021

### Eastbound & Westbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	113	20 - 51	38 mph	43 mph	34 - 43	77	68%	18% / 21	14% / 15

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE

**HCI**

**PRAIRIE AVENUE**

**IMPERIAL HWY TO 120TH ST**

DATE: 7/28/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 11:00 AM - 11:30 AM

CHECKED BY: JERRY STOCK

PREVAILING SPEED DATA	
LOCATION OF SURVEY	NORTH OF 120TH
DATE OF SURVEY	7/28/2021
85th PERCENTILE	37 MPH
10 MPH PACE	22-31 MPH
PERCENT IN PACE	49%
POSTED SPEED LIMIT	40 MPH / *25 MPH

ACCIDENT HISTORY	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	3
TOTAL ACCIDENTS	18
ANNUAL ACCIDENT RATE	1.50 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.34 ACCIDENTS PER MVM (SPEED RELATED ONLY)

TRAFFIC FACTORS	
AVERAGE DAILY TRAFFIC	23,450
LANE CONFIGURATION	3 LANES PER DIRECTION (3rd Lane shared w/on-street parking)
TRAFFIC CONTROLS	SIGNAL - IMPERIAL / 118TH / 120TH
CROSSWALKS	AT IMPERIAL / 118TH (sch) / 120TH
PEDESTRIAN/BICYCLES	YES / FEW
TRUCK TRAFFIC	FEW
ON-STREET PARKING	YES w/RESTRICTIONS
OTHER	NO PARKING 6am-8am, 4pm-6pm BUS STOPS / AREAS OF RED CURB

ROADWAY FACTORS	
LENGTH OF SEGMENT (MILES)	0.52
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	EXCELLENT (Newly Resurfaced)
SIDEWALKS/DRIVEWAYS	YES / YES
STREET LIGHTING	YES
OTHER	PARTIAL RAISED MEDIAN

ADJACENT LAND USE	DENSE COMMERCIAL / BUSINESS / SCHOOL
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RECOMMENDED SPEED LIMIT	40 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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JUSTIFICATION:

This section of Prairie Avenue has three travel lanes. At permitted times the 3rd lane is shared with on-street parking. The adjacent land uses are dense commercial, business, and a school. The speed study resulted in an 85th percentile speed of 37 mph. With that, it is recommended to keep the existing 40 mph speed limit

# Spot Speed Study

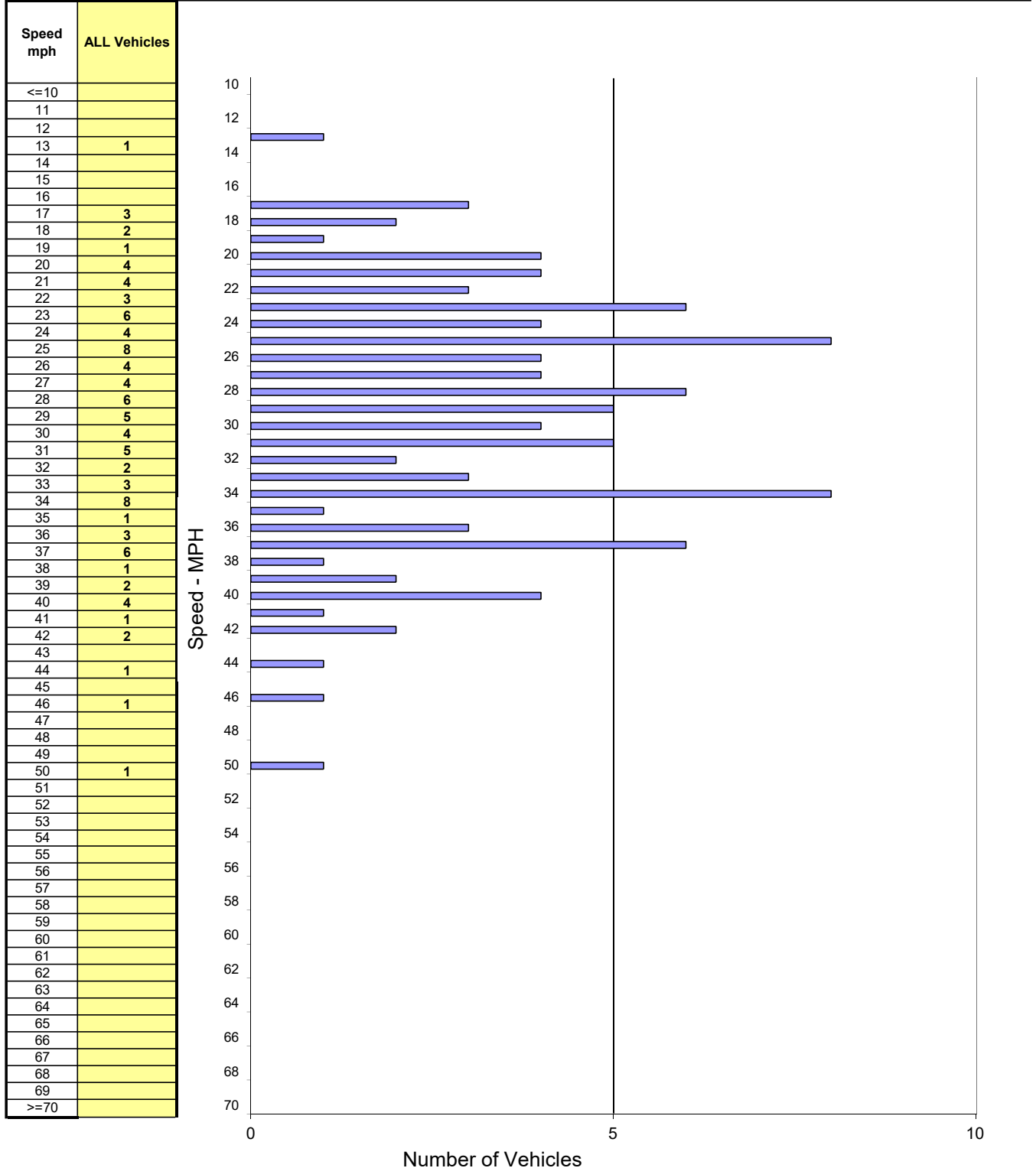
Prepared by: National Data & Surveying Services

## City of Hawthorne

DATE: 7/28/2021  
TIME: 11:00-11:30

Location: Prairie Ave Bet. Imperial Hwy & 120th St  
Posted Speed: 40 MPH Clear/Dry Project #: 21-020178-035

### Northbound & Southbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	100	13 - 50	28 mph	37 mph	22 - 31	49	49%	15% / 15	36% / 36

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE

**HCI**

**PRAIRIE AVENUE**

**120TH ST TO EL SEGUNDO BLVD**

DATE: 7/28/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 10:10 AM - 11:00 AM

CHECKED BY: JERRY STOCK

PREVAILING SPEED DATA	
LOCATION OF SURVEY	NORTH OF 126TH ST
DATE OF SURVEY	7/28/2021
85th PERCENTILE	41 MPH
10 MPH PACE	26-35 MPH
PERCENT IN PACE	62%
POSTED SPEED LIMIT	40 MPH

ACCIDENT HISTORY	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	1
TOTAL ACCIDENTS	10
ANNUAL ACCIDENT RATE	0.50 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.10 ACCIDENTS PER MVM (SPEED RELATED ONLY)

TRAFFIC FACTORS	
AVERAGE DAILY TRAFFIC	26,500
LANE CONFIGURATION	3 LANES PER DIRECTION (3rd Lane shared w/on-street parking)
TRAFFIC CONTROLS	SIGNAL - 120TH / BROADWAY / JACK NORTHROP / EL SEGUNDO
CROSSWALKS	AT 120TH / BROADWAY / JACK NORTHROP / EL SEGUNDO
PEDESTRIAN/BICYCLES	YES / FEW
TRUCK TRAFFIC	FEW
ON-STREET PARKING	YES w/RESTRICTIONS
OTHER	NO PARKING 6am-8am, 4pm-6pm BUS STOPS / AREAS OF RED CURB

ROADWAY FACTORS	
LENGTH OF SEGMENT (MILES)	0.50
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	FAIR-POOR
SIDEWALKS/DRIVEWAYS	YES / YES
STREET LIGHTING	YES
OTHER	PARTIAL RAISED MEDIAN / 2 WAY LEFT w/LEFTS

ADJACENT LAND USE	DENSE COMMERCIAL / BUSINESS / SCHOOL / AIRPORT (at 120th) / RxR
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RECOMMENDED SPEED LIMIT	40 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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JUSTIFICATION:

This segment of Prairie Avenue continues the six lane roadway with the 3rd lane sharing on-street parking. The adjacent land uses include dense commercial, business, a school, and an airport at 120th Street. The posted speed limit is 40 mph. The speed data shows an 85th percentile speed of 41 mph and a 10 mph of 26 to 35 mph. In an effort to keep consistency with speeds of adjacent segments, it is recommended to keep the existing 40 mph speed limit.



# Spot Speed Study

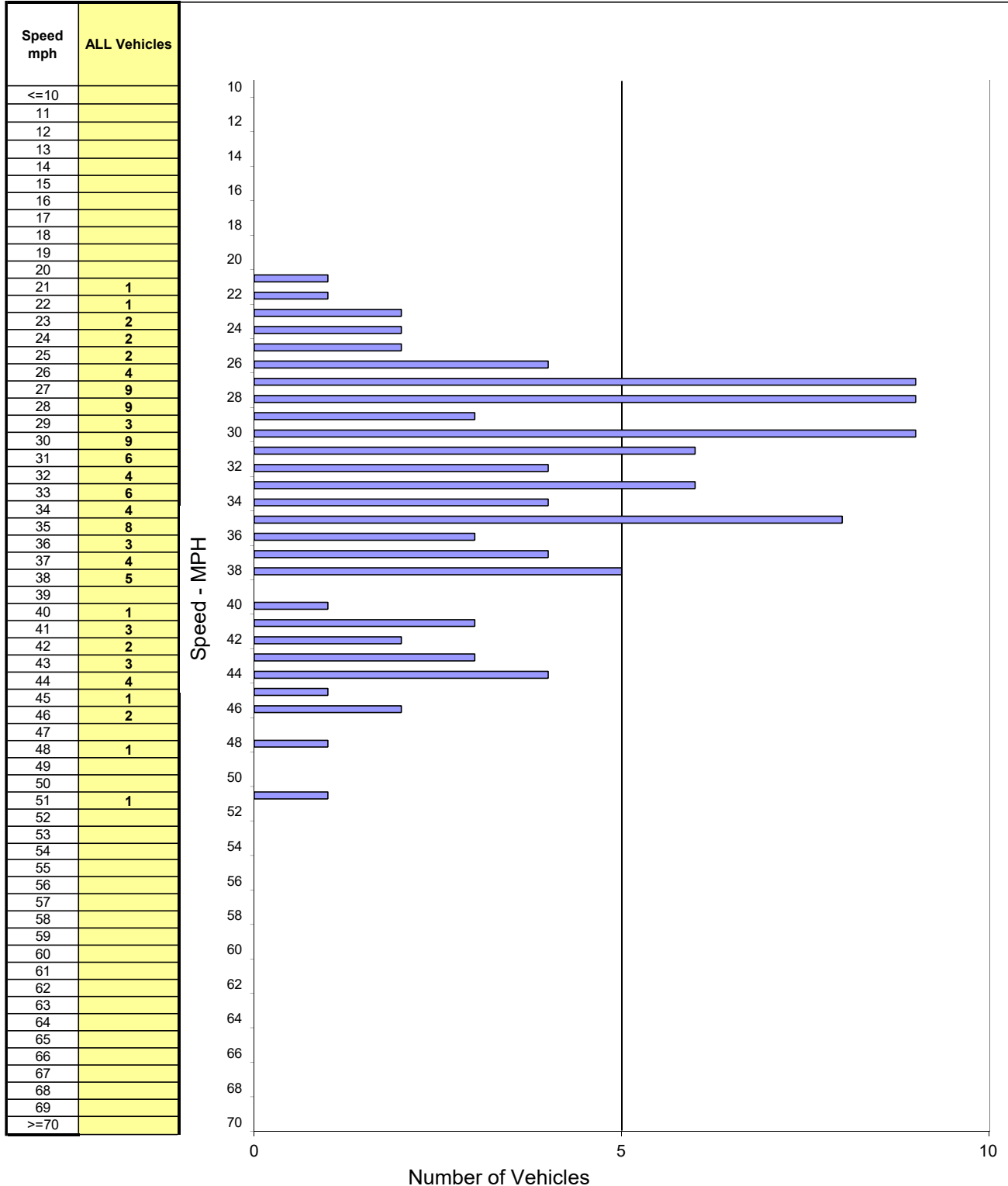
Prepared by: National Data & Surveying Services

## City of Hawthorne

DATE: 7/28/2021  
TIME: 10:10-11:00

Location: **Prairie Ave Bet. 120th St & El Segundo Blvd**  
Posted Speed: **40 MPH** Clear/Dry Project #: 21-020178-036

### Northbound & Southbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	100	21 - 51	32 mph	41 mph	26 - 35	62	62%	8% / 8	30% / 30

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE

**HCI**

**PRAIRIE AVENUE**

**EL SEGUNDO BLVD TO 135TH ST**

DATE: 7/28/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 10:00 AM - 10:20 AM

CHECKED BY: JERRY STOCK

PREVAILING SPEED DATA	
LOCATION OF SURVEY	SOUTH OF 129TH ST
DATE OF SURVEY	7/28/2021
85th PERCENTILE	42 MPH
10 MPH PACE	31-40 MPH
PERCENT IN PACE	72%
POSTED SPEED LIMIT	40 MPH / *25 MPH

ACCIDENT HISTORY	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	3
TOTAL ACCIDENTS	21
ANNUAL ACCIDENT RATE	1.50 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.37 ACCIDENTS PER MVM (SPEED RELATED ONLY)

TRAFFIC FACTORS	
AVERAGE DAILY TRAFFIC	22,400
LANE CONFIGURATION	3 LANES PER DIRECTION (3rd Lane shared w/on-street parking)
TRAFFIC CONTROLS	SIGNAL - EL SEGUNDO / 132ND / 135TH
CROSSWALKS	AT EL SEGUNDO / 132ND / PED XING n/o 135th / 135TH
PEDESTRIAN/BICYCLES	FEW / FEW
TRUCK TRAFFIC	FEW
ON-STREET PARKING	YES w/RESTRICTIONS
OTHER	NO PARKING 6am-8am, 4pm-6pm BUS STOPS / AREAS OF RED CURB

ROADWAY FACTORS	
LENGTH OF SEGMENT (MILES)	0.50
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	EXCELLENT (Newly Resurfaced)
SIDEWALKS/DRIVEWAYS	YES / YES
STREET LIGHTING	YES
OTHER	2 WAY LEFT w/LEFTS

ADJACENT LAND USE	COMMERCIAL / BUSINESS / MULTI-FAMILY RESIDENTIAL
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RECOMMENDED SPEED LIMIT	40 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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JUSTIFICATION:	The recommended 40 mph speed limit is 2.0 mph below the 85th percentile speed and meets CVC standards.
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\* 25 MPH WHEN CHILDREN PRESENT, SCHOOL ZONE

# Spot Speed Study

Prepared by: National Data & Surveying Services

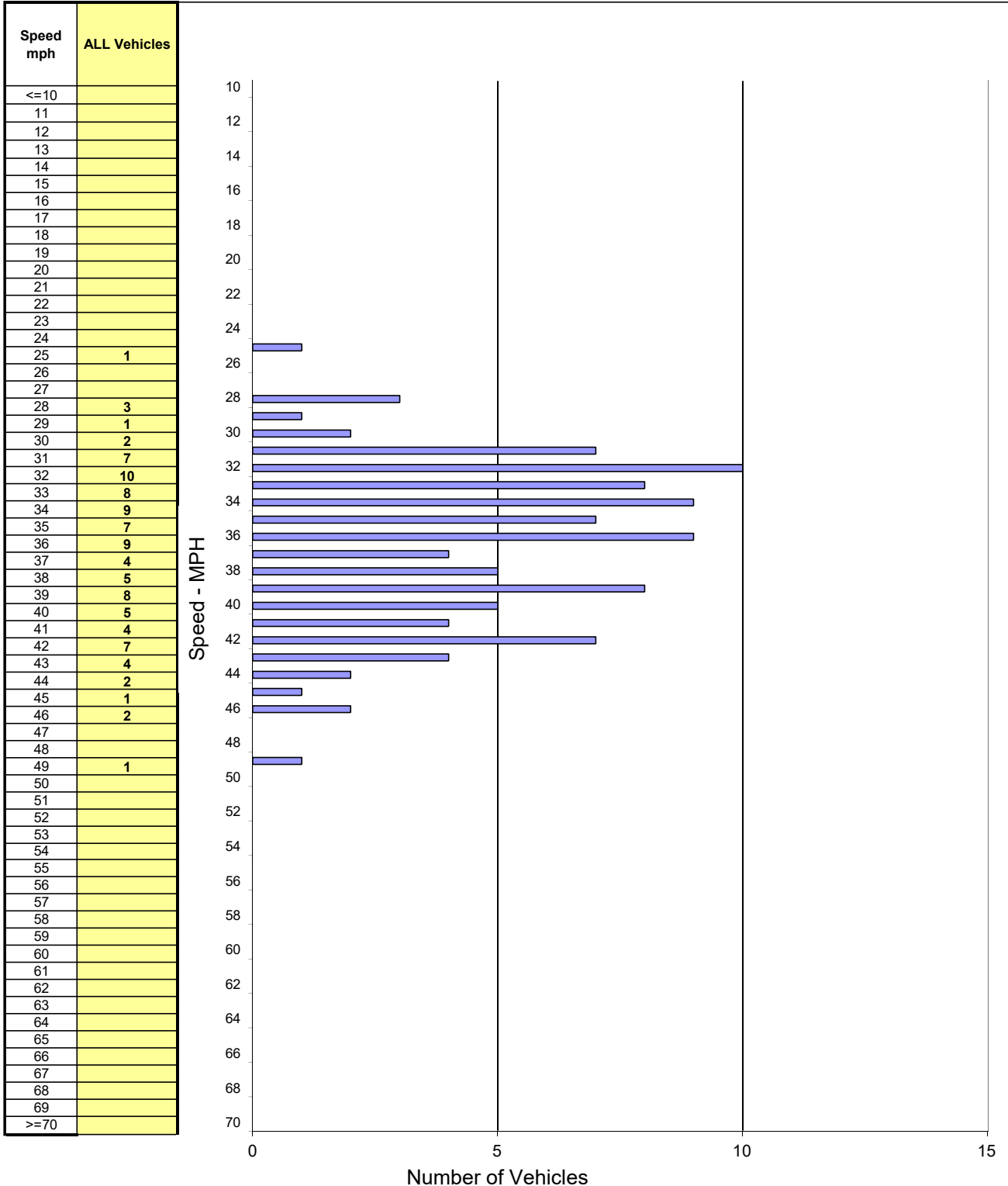
## City of Hawthorne

DATE: 8/11/2021  
TIME: 09:00-09:40

Location: 13414 Prairie Ave  
Posted Speed: 40 MPH Clear/Dry

Project #: 21-020178-037

### Northbound & Southbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	100	25 - 49	36 mph	42 mph	31 - 40	72	72%	7% / 7	21% / 21

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE



PRAIRIE AVENUE

135TH ST TO ROSECRANS AVE

DATE: 7/28/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 10:25 AM - 10:45 AM

CHECKED BY: JERRY STOCK

PREVAILING SPEED DATA	
LOCATION OF SURVEY	NORTH OF 141 ST
DATE OF SURVEY	7/28/2021
85th PERCENTILE	39 MPH
10 MPH PACE	31-40 MPH
PERCENT IN PACE	86%
POSTED SPEED LIMIT	40 MPH (NB) / *25 MPH

ACCIDENT HISTORY	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	6
TOTAL ACCIDENTS	24
ANNUAL ACCIDENT RATE	3.00 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.71 ACCIDENTS PER MVM (SPEED RELATED ONLY)

TRAFFIC FACTORS	
AVERAGE DAILY TRAFFIC	21,500
LANE CONFIGURATION	3 LANES PER DIRECTION (3rd Lane shared w/on-street parking)
TRAFFIC CONTROLS	SIGNAL - 135TH / 137TH / 139TH / ROSECRANS
CROSSWALKS	AT 135TH (sch) / 137TH (sch) / 139TH / ROSECRANS (sch)
PEDESTRIAN/BICYCLES	YES / FEW
TRUCK TRAFFIC	FEW
ON-STREET PARKING	YES w/RESTRICTIONS
OTHER	NO PARKING 6am-8am, 4pm-6pm BUS STOPS / AREAS OF RED CURB & GREEN CURB

ROADWAY FACTORS	
LENGTH OF SEGMENT (MILES)	0.54
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	NEWLY RESURACED
SIDEWALKS/DRIVEWAYS	YES / YES
STREET LIGHTING	YES
OTHER	PARTIAL 2 WAY LEFT w/LEFTS and RAISED MEDIAN ISLAND

ADJACENT LAND USE	COMMERCIAL / BUSINESS / PARK / CHURCH / PRAIRIE VISTA MIDDLE SCHOOL
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RECOMMENDED SPEED LIMIT	40 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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JUSTIFICATION:  
The recommended 40 mph is within 1.0 mph of the 85th percentile speed and meets CVC standards. For enforcement a 40 mph speed sign should be installed for the southbound direction.

\* 25 MPH WHEN CHILDREN PRESENT, SCHOOL ZONE

# Spot Speed Study

Prepared by: National Data & Surveying Services

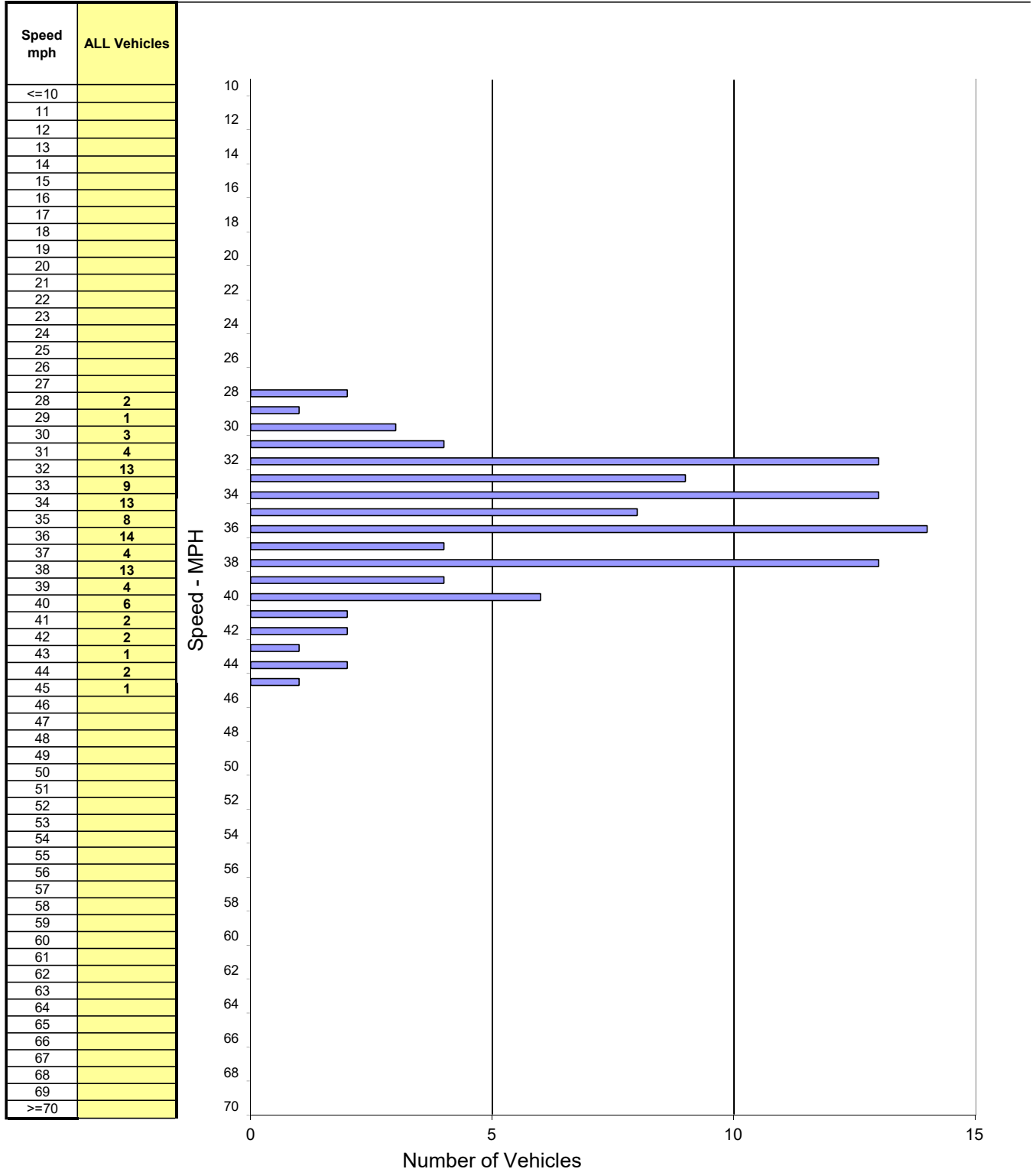
## City of Hawthorne

DATE: 8/11/2021  
TIME: 09:45-10:30

Location: 13991 Prairie Ave  
Posted Speed: 40 MPH Clear/Dry

Project #: 21-020178-038

### Northbound & Southbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	102	28 - 45	35 mph	39 mph	31 - 40	88	86%	5% / 6	8% / 8

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE

**HCI**

**PRAIRIE AVENUE**

**ROSECRANS AVE TO MARINE AVE**

DATE: 7/28/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 10:50 AM - 11:15 AM

CHECKED BY: JERRY STOCK

PREVAILING SPEED DATA	
LOCATION OF SURVEY	NORTH OF MARINE
DATE OF SURVEY	7/28/2021
85th PERCENTILE	42 MPH
10 MPH PACE	34-43 MPH
PERCENT IN PACE	81%
POSTED SPEED LIMIT	40 MPH / *25 MPH

ACCIDENT HISTORY	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	1
TOTAL ACCIDENTS	10
ANNUAL ACCIDENT RATE	0.50 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.13 ACCIDENTS PER MVM (SPEED RELATED ONLY)

TRAFFIC FACTORS	
AVERAGE DAILY TRAFFIC	20,500
LANE CONFIGURATION	2 LANES PER DIRECTION
TRAFFIC CONTROLS	SIGNAL - ROSECRANS / 147TH / MARINE
CROSSWALKS	AT ROSECRANS / 145TH (sch) / 147TH / MARINE
PEDESTRIAN/BICYCLES	YES / FEW
TRUCK TRAFFIC	FEW
ON-STREET PARKING	YES w/RESTRICTIONS
OTHER	AREA OF NO PARKING ANYTIME (NB) BUS STOPS / NO PARKING 6am-8am, 4pm-6pm

ROADWAY FACTORS	
LENGTH OF SEGMENT (MILES)	0.50
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	EXCELLENT (Newly Resurfaced)
SIDEWALKS/DRIVEWAYS	YES / YES
STREET LIGHTING	YES
OTHER	2 WAY LEFT w/LEFTS

ADJACENT LAND USE	COMMERCIAL / MULTI-FAMILY RES / SINGLE FAMILY RES (raised divider)
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RECOMMENDED SPEED LIMIT	40 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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JUSTIFICATION:	The recommended 40 mph speed limit is within 2.0 mph of the 85th percentile speed and meets CVC standards.
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\* 25 MPH WHEN CHILDREN PRESENT, SCHOOL ZONE

# Spot Speed Study

Prepared by: National Data & Surveying Services

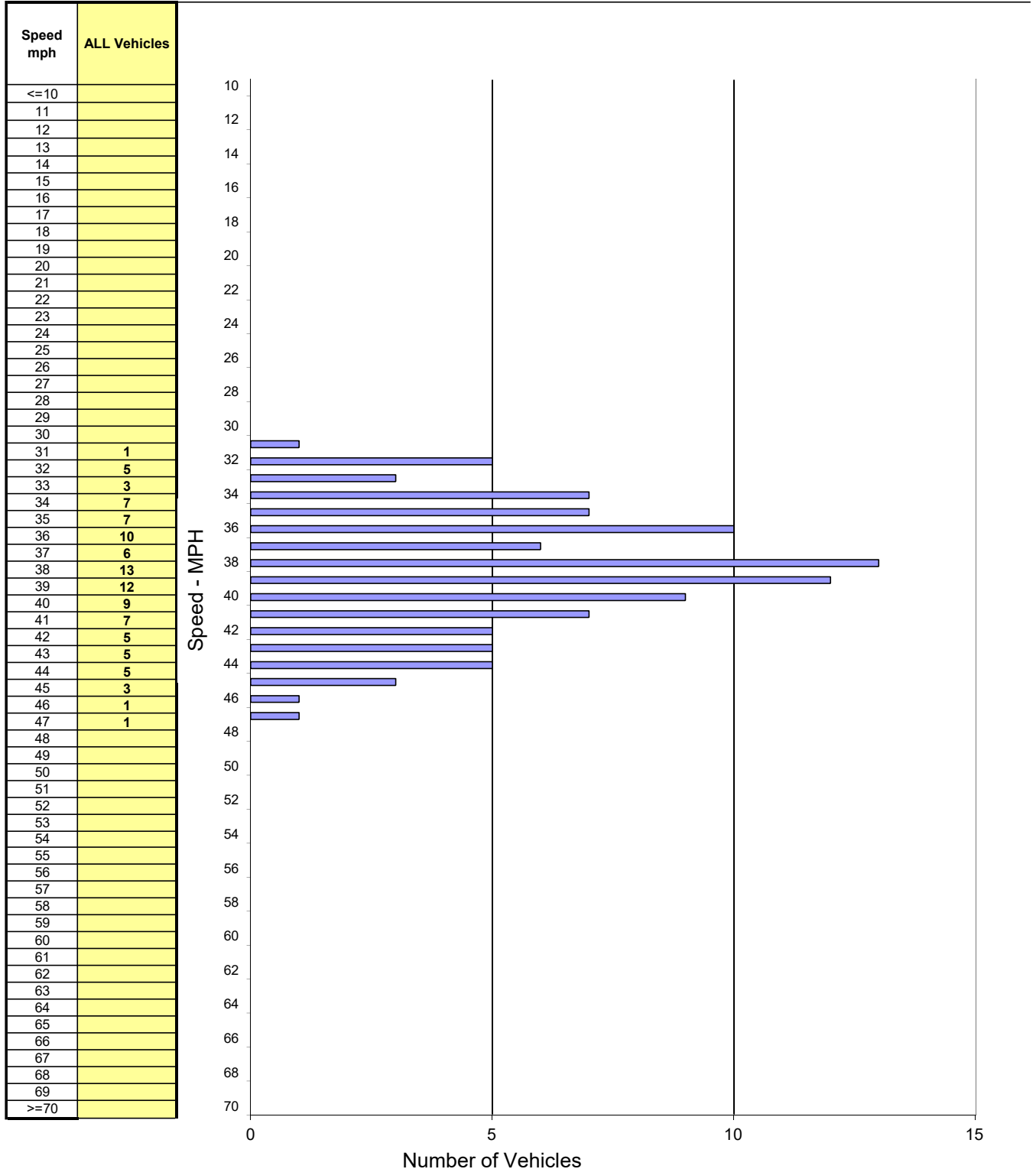
## City of Hawthorne

DATE: 8/11/2021  
TIME: 10:35-11:25

Location: 14817 Prairie Ave  
Posted Speed: 40 MPH Clear/Dry

Project #: 21-020178-039

### Northbound & Southbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	100	31 - 47	38 mph	42 mph	34 - 43	81	81%	9% / 9	10% / 10

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE

**HCI**

**ROSECRANS AVENUE**

**AVIATION BLVD TO HINDRY AVE**

DATE: 7/28/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 9:00 AM - 9:40 AM

CHECKED BY: JERRY STOCK

PREVAILING SPEED DATA	
LOCATION OF SURVEY	EAST OF AVIATION
DATE OF SURVEY	7/28/2021
85th PERCENTILE	37 MPH
10 MPH PACE	24-33 MPH
PERCENT IN PACE	66%
POSTED SPEED LIMIT	40 MPH

ACCIDENT HISTORY	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	6
TOTAL ACCIDENTS	24
ANNUAL ACCIDENT RATE	3.00 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.46 ACCIDENTS PER MVM (SPEED RELATED ONLY)

TRAFFIC FACTORS	
AVERAGE DAILY TRAFFIC	48,700
LANE CONFIGURATION	4 LANES PER DIRECTION
TRAFFIC CONTROLS	SIGNAL - AVIATION / ISIS / HINDRY
CROSSWALKS	AT AVIATION / ISIS / HINDRY
PEDESTRIAN/BICYCLES	FEW / FEW
TRUCK TRAFFIC	YES
ON-STREET PARKING	NO STOPPING ANYTIME
OTHER	NO SHOULDERS

ROADWAY FACTORS	
LENGTH OF SEGMENT (MILES)	0.37
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	FAIR
SIDEWALKS/DRIVEWAYS	NO / NO (WB) - YES / NO (EB)
STREET LIGHTING	YES
OTHER	PAINTED ISLAND

ADJACENT LAND USE	COMMERCIAL / INDUSTRIAL-BUSINESS / RESIDENTIAL (NF)
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RECOMMENDED SPEED LIMIT	40 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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JUSTIFICATION:  
The recommended 40 mph speed limit is within 3 mph of the 85th percentile speed and meets CVC standards.



# Spot Speed Study

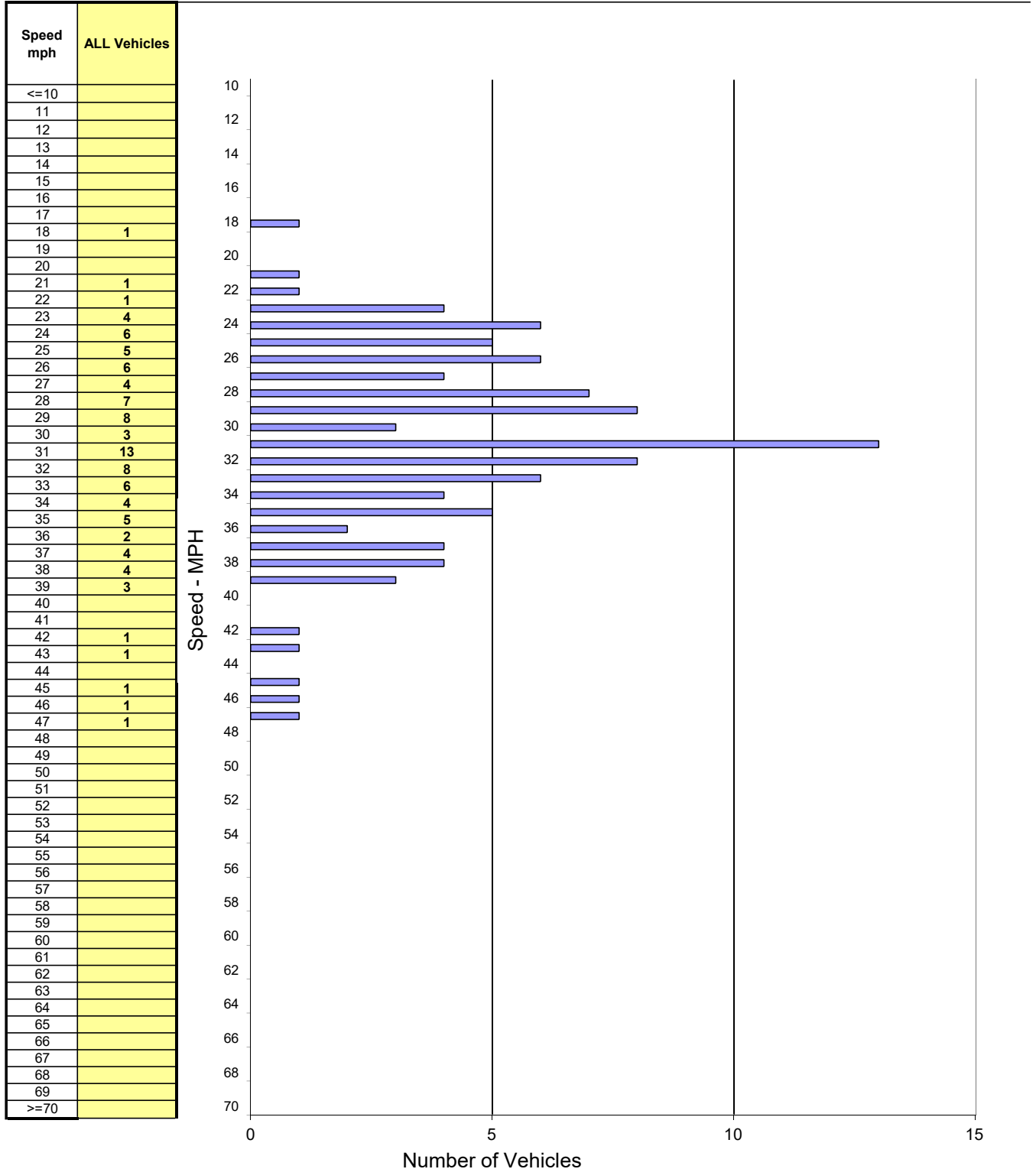
Prepared by: National Data & Surveying Services

## City of Hawthorne

DATE: 7/28/2021  
TIME: 09:00-09:40

Location: Rosecrans Ave 200' W/O Isis Ave  
Posted Speed: 40 MPH Clear/Dry Project #: 21-020178-016

### Eastbound & Westbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	100	18 - 47	31 mph	37 mph	24 - 33	66	66%	7% / 7	27% / 27

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE

**HCI**

**ROSECRANS AVENUE**

**405 FWY TO INGLEWOOD AVE**

DATE: 6/16/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 10:35 AM - 11:15 AM

CHECKED BY: JERRY STOCK

PREVAILING SPEED DATA	
LOCATION OF SURVEY	WEST OF INGLEWOOD
DATE OF SURVEY	6/16/2021
85th PERCENTILE	45 MPH
10 MPH PACE	36-45 MPH
PERCENT IN PACE	77%
POSTED SPEED LIMIT	40 MPH

ACCIDENT HISTORY	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	0
TOTAL ACCIDENTS	3
ANNUAL ACCIDENT RATE	0.00 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.00 ACCIDENTS PER MVM (SPEED RELATED ONLY)

TRAFFIC FACTORS	
AVERAGE DAILY TRAFFIC	21,650
LANE CONFIGURATION	3 LANES (WB) - 4 LANES (EB)
TRAFFIC CONTROLS	SIGNAL - HINDRY / 405 NB RAMP / OCEAN GATE / INGLEWOOD
CROSSWALKS	AT HINDRY / 405 NB RAMP / OCEAN GATE / INGLEWOOD
PEDESTRIAN/BICYCLES	FEW / FEW
TRUCK TRAFFIC	YES
ON-STREET PARKING	PARTIAL
OTHER	AREAS OF NO STOPPING ANYTIME NO PARKING 6:30am-8am, 4pm-6pm

ROADWAY FACTORS	
LENGTH OF SEGMENT (MILES)	0.53
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	GOOD
SIDEWALKS/DRIVEWAYS	YES / YES
STREET LIGHTING	YES
OTHER	PARTIAL RAISED MEDIAN ISLAND & PAINTED ISLAND

ADJACENT LAND USE	COMMERCIAL / CAR DEALERSHIP / BUSINESS OFFICES
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RECOMMENDED SPEED LIMIT	40 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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JUSTIFICATION:	The recommended speed is within 5 mph of the 85th percentile speed and meets CVC standards.
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# Spot Speed Study

Prepared by: National Data & Surveying Services

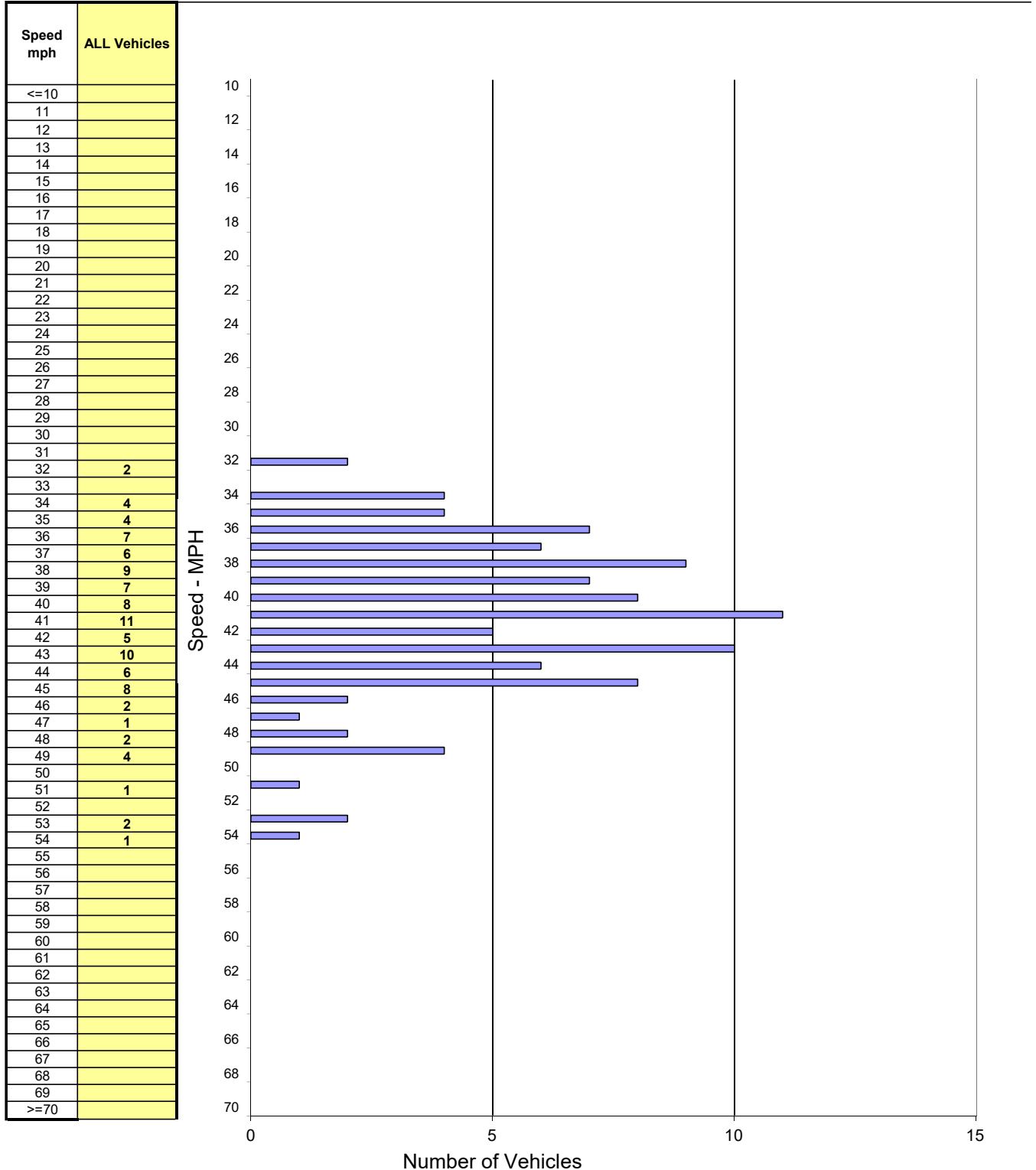
## City of Hawthorne

DATE: 6/16/2021  
TIME: 10:35-11:15

Location: 4871 Rosecrans Ave  
Posted Speed: 40 MPH Clear/Dry

Project #: 21-020178-017

### Eastbound & Westbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	100	32 - 54	41 mph	45 mph	36 - 45	77	77%	10% / 10	13% / 13

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE

**HCI**

**ROSECRANS AVENUE**

**PRAIRIE AVE TO YUKON AVE**

DATE: 6/16/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 9:45 AM - 10:25 AM

CHECKED BY: JERRY STOCK

PREVAILING SPEED DATA	
LOCATION OF SURVEY	EAST OF PRAIRIE
DATE OF SURVEY	6/16/2021
85th PERCENTILE	44 MPH
10 MPH PACE	34-43 MPH
PERCENT IN PACE	72%
POSTED SPEED LIMIT	40 MPH

ACCIDENT HISTORY	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	1
TOTAL ACCIDENTS	10
ANNUAL ACCIDENT RATE	0.50 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.08 ACCIDENTS PER MVM (SPEED RELATED ONLY)

TRAFFIC FACTORS	
AVERAGE DAILY TRAFFIC	33,450
LANE CONFIGURATION	3 LANES PER DIRECTION (3rd Lane Shares w/on-street Parking)
TRAFFIC CONTROLS	SIGNAL - PRAIRIE / DOTY / YUKON
CROSSWALKS	AT PRAIRIE (sch) / DOTY / YUKON
PEDESTRIAN/BICYCLES	FEW / FEW
TRUCK TRAFFIC	YES
ON-STREET PARKING	YES w/ RESTRICTED TIMES
OTHER	AREAS OF NO STOPPING ANYTIME BUS STOPS / NO PARKING 6:30am-8am, 4pm-6pm

ROADWAY FACTORS	
LENGTH OF SEGMENT (MILES)	0.50
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	GOOD
SIDEWALKS/DRIVEWAYS	YES / FEW
STREET LIGHTING	YES
OTHER	2 WAY LEFT CENTERLANE W/LEFTS

ADJACENT LAND USE	COMMERCIAL / RESIDENTIAL (NF) / MULTI-FAMILY RESIDENTIAL
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RECOMMENDED SPEED LIMIT	40 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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JUSTIFICATION:	The recommended speed 40 mph speed limit is within 4 mph of the 85th percentile speed and meets CVC standards.
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# Spot Speed Study

Prepared by: National Data & Surveying Services

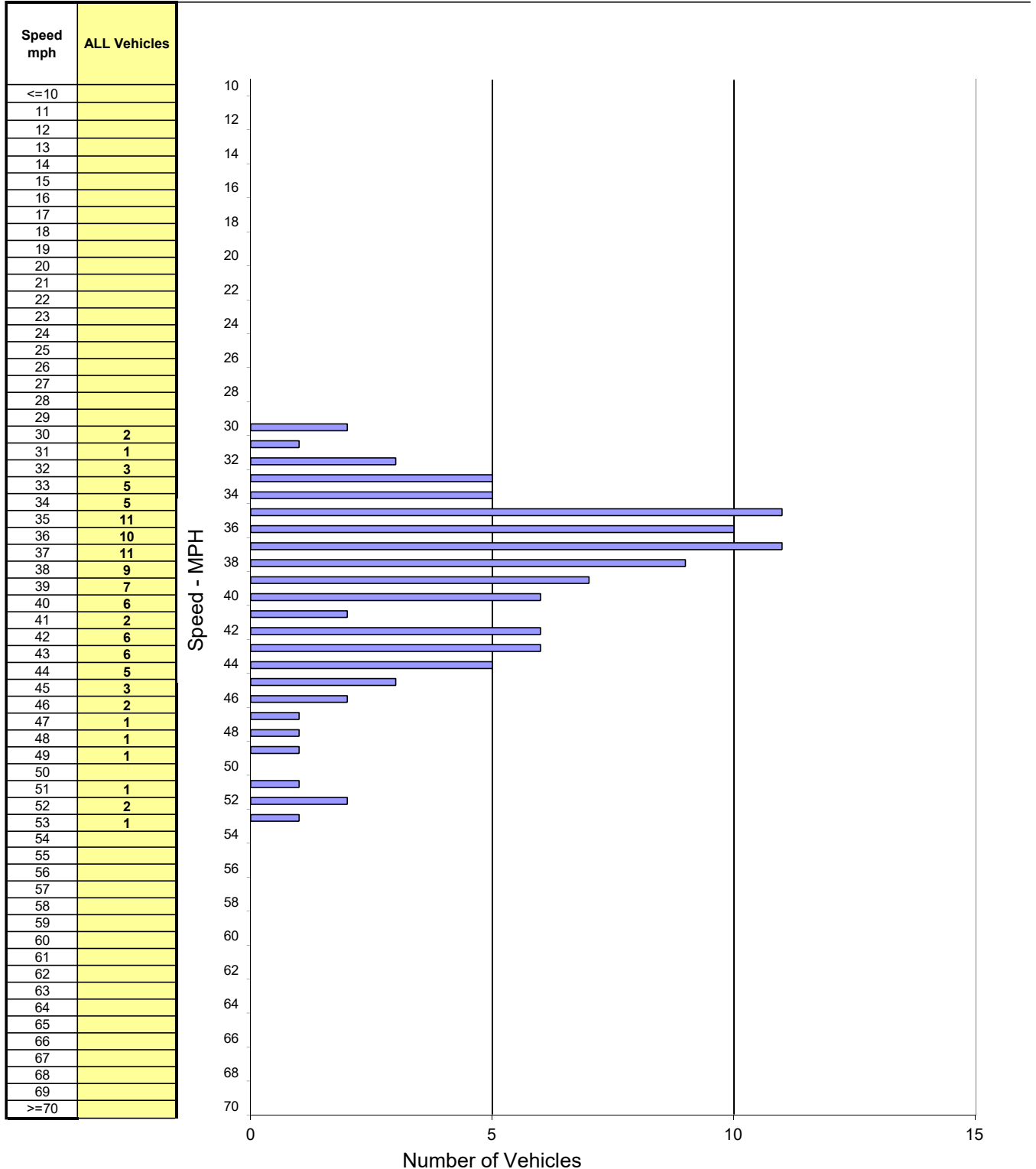
## City of Hawthorne

DATE: 6/16/2021  
TIME: 09:45-10:25

Location: 3827 Rosecrans Ave  
Posted Speed: 40 MPH Clear/Dry

Project #: 21-020178-018

### Eastbound & Westbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	101	30 - 53	38 mph	44 mph	34 - 43	73	72%	10% / 11	17% / 17

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE



**ROSECRANS AVENUE**

**YUKON AVE TO CRENSHAW AVE**

DATE: 6/16/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 9:00 AM - 9:40 AM

CHECKED BY: JERRY STOCK

<b>PREVAILING SPEED DATA</b>	
LOCATION OF SURVEY	EAST OF YUKON
DATE OF SURVEY	6/16/2021
85th PERCENTILE	44 MPH
10 MPH PACE	34-43 MPH
PERCENT IN PACE	77%
POSTED SPEED LIMIT	40 MPH

<b>ACCIDENT HISTORY</b>	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	10
TOTAL ACCIDENTS	40
ANNUAL ACCIDENT RATE	5.00 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	1.06 ACCIDENTS PER MVM (SPEED RELATED ONLY)

<b>TRAFFIC FACTORS</b>	
AVERAGE DAILY TRAFFIC	25,900
LANE CONFIGURATION	3 LANES PER DIRECTION (3rd Lane shares with on-street parking)
TRAFFIC CONTROLS	SIGNAL - YUKON / CERISE / LEMOLI / CRENSHAW
CROSSWALKS	AT YUKON / CERISE / LEMOLI / CRENSHAW
PEDESTRIAN/BICYCLES	FEW / FEW
TRUCK TRAFFIC	YES
ON-STREET PARKING	NO (WB) / YES (EB- w/Time Restrictions)
OTHER	AREAS OF NO STOPPING ANYTIME BUS STOPS / NO PARKING 6:30am-8am, 4pm-6pm

<b>ROADWAY FACTORS</b>	
LENGTH OF SEGMENT (MILES)	0.50
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	GOOD
SIDEWALKS/DRIVEWAYS	YES / FEW
STREET LIGHTING	YES
OTHER	2 WAY LEFT CENTERLANE W/LEFTS

ADJACENT LAND USE	COMMERCIAL
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RECOMMENDED SPEED LIMIT	40 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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**JUSTIFICATION:**  
The recommended 40 mph speed limit is within 4 mph of the 85th percentile speed of 44 mph and meets CVC standards.

NOTE: This segment has a high rate of speed related accidents.

# Spot Speed Study

Prepared by: National Data & Surveying Services

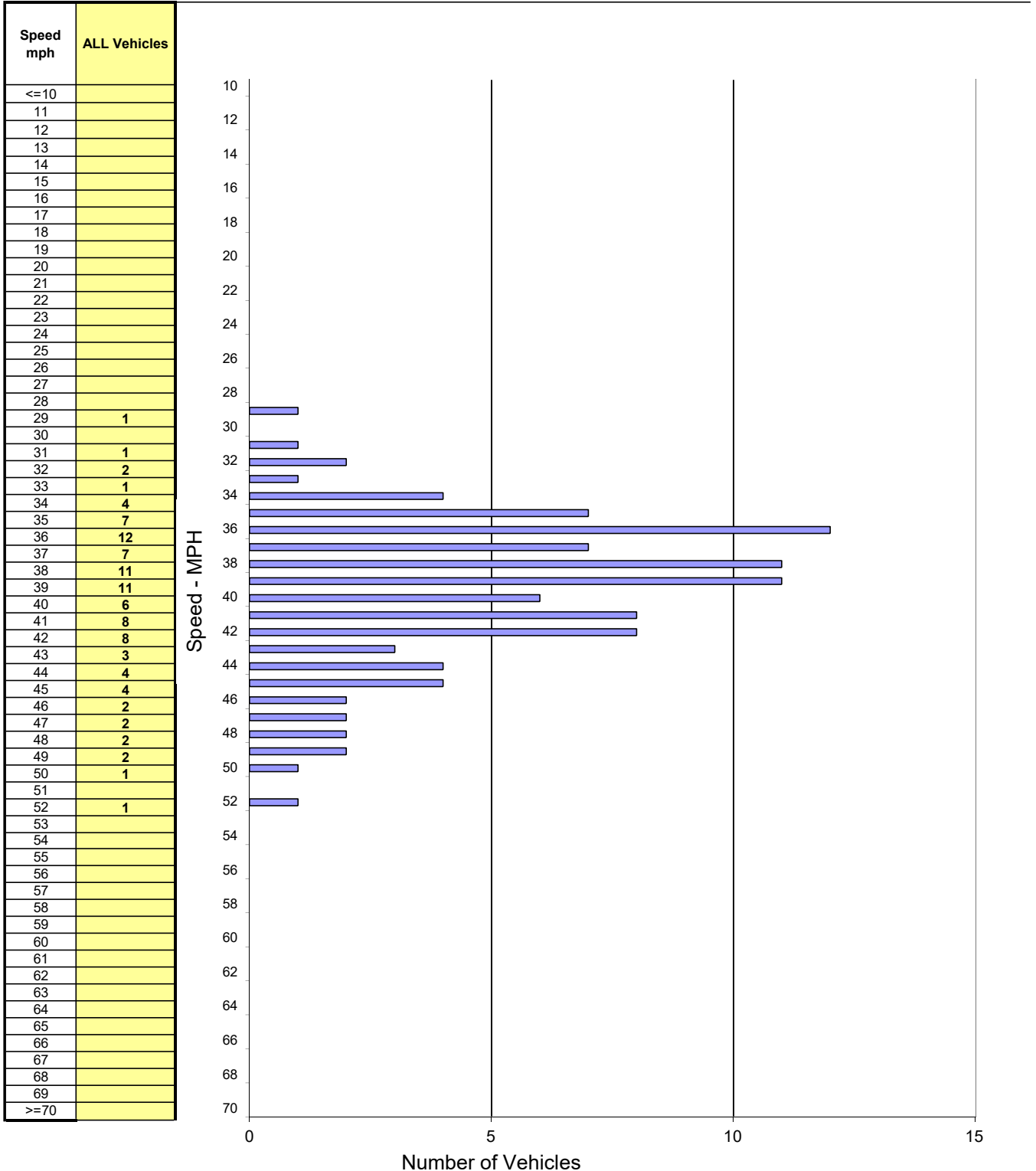
## City of Hawthorne

DATE: 6/16/2021  
TIME: 09:00-09:40

Location: 3232 Rosecrans Ave  
Posted Speed: 40 MPH Clear/Dry

Project #: 21-020178-019

### Eastbound & Westbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	100	29 - 52	39 mph	44 mph	34 - 43	77	77%	5% / 5	18% / 18

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE

**HCI**

**VAN NESS AVENUE**

**IMPERIAL HWY TO 120TH ST**

DATE: 6/22/2021  
TIME: 10:50 AM - 11:15 AM

SURVEY BY: NDS / C. BUENIDA  
CHECKED BY: JERRY STOCK

PREVAILING SPEED DATA	
LOCATION OF SURVEY	NORTH OF 105 FWY
DATE OF SURVEY	6/22/2021
85th PERCENTILE	47 MPH
10 MPH PACE	38-47 MPH
PERCENT IN PACE	74%
POSTED SPEED LIMIT	35 MPH / *25 MPH

ACCIDENT HISTORY	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	2
TOTAL ACCIDENTS	8
ANNUAL ACCIDENT RATE	1.00 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.26 ACCIDENTS PER MVM (SPEED RELATED ONLY)

TRAFFIC FACTORS	
AVERAGE DAILY TRAFFIC	20,800
LANE CONFIGURATION	2 LANES PER DIRECTION
TRAFFIC CONTROLS	SIGNAL - IMPERIAL / 116TH / 120TH
CROSSWALKS	AT IMPERIAL / 116TH (sch) / 115TH (sch) / 120TH
PEDESTRIAN/BICYCLES	YES / YES
TRUCK TRAFFIC	NO
ON-STREET PARKING	YES
OTHER	BIKE ROUTE / BUS STOPS

ROADWAY FACTORS	
LENGTH OF SEGMENT (MILES)	0.50
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	FAIR/POOR
SIDEWALKS/DRIVEWAYS	YES / NO
STREET LIGHTING	YES
OTHER	DBL YELLOW CENTERLINE

ADJACENT LAND USE	RESIDENTIAL (NF) / PARK
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RECOMMENDED SPEED LIMIT	35 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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JUSTIFICATION:

This portion of Van Ness Avenue has two travel lanes in each direction. The posted speed limits for the segment and neighboring sections are 35 mph. The E & T study results show an 85th percentile speed of 47 mph, a median speed of 43 mph and a 10 mph pace range of 38 to 47 mph. With the high density of single family dwellings, heavy on-street parking, heavy pedestrian and bicycle traffic, it is recommended that the existing 35 mph speed limit remain.



# Spot Speed Study

Prepared by: National Data & Surveying Services

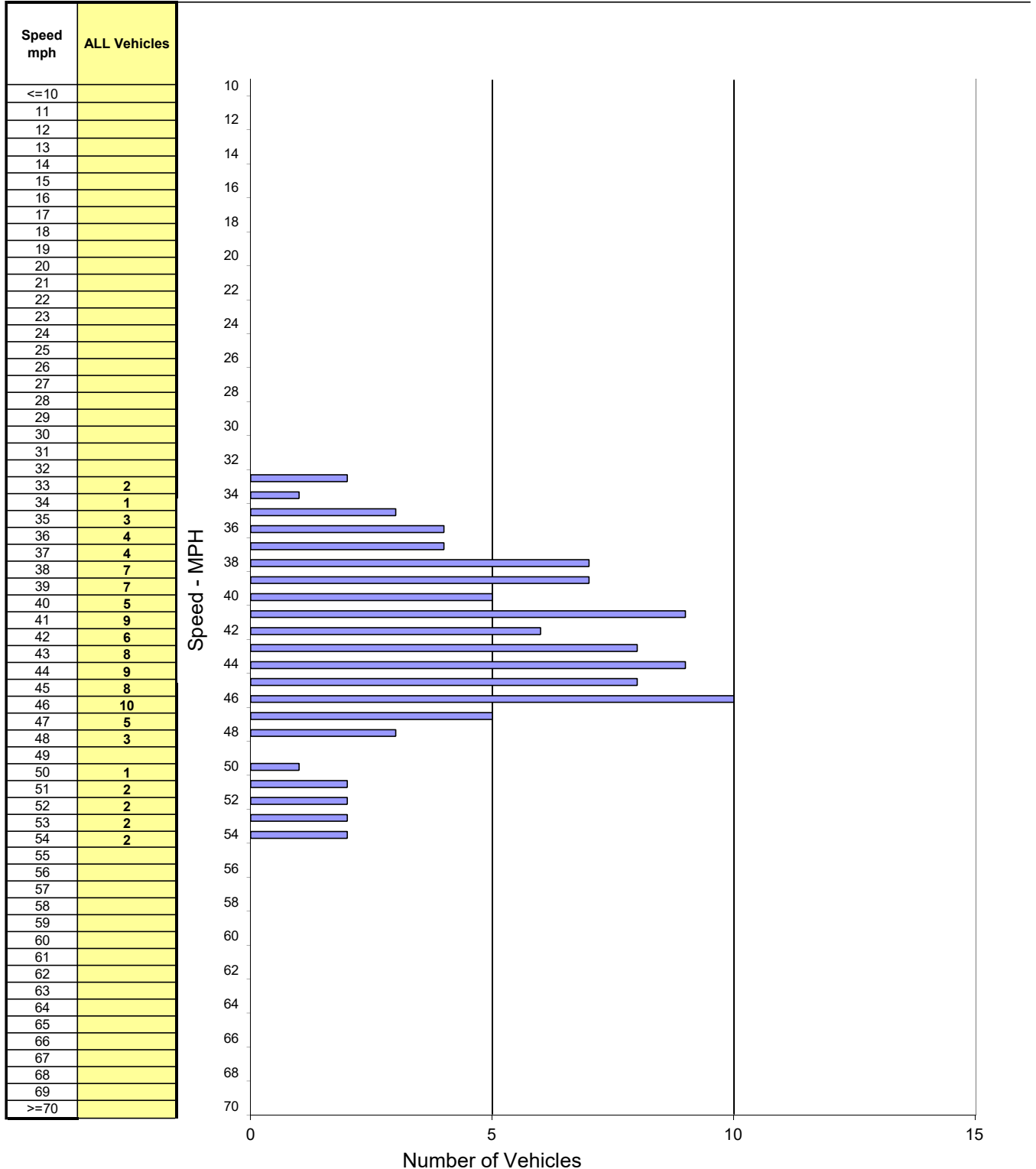
## City of Hawthorne

DATE: 6/22/2021  
TIME: 10:50-11:15

Location: 11708 Van Ness Ave  
Posted Speed: 35 MPH Clear/Dry

Project #: 21-020178-042

### Northbound & Southbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	100	33 - 54	43 mph	47 mph	38 - 47	74	74%	14% / 14	12% / 12

# ENGINEERING AND TRAFFIC SURVEY

CITY OF HAWTHORNE



**VAN NESS AVENUE**

**120TH ST TO EL SEGUNDO BLVD**

DATE: 6/22/2021

SURVEY BY: NDS / C. BUENIDA

TIME: 10:15 AM - 10:45 AM

CHECKED BY: JERRY STOCK

PREVAILING SPEED DATA	
LOCATION OF SURVEY	NORTH OF EL SEGUNDO
DATE OF SURVEY	6/22/2021
85th PERCENTILE	46 MPH
10 MPH PACE	33-42 MPH
PERCENT IN PACE	68%
POSTED SPEED LIMIT	35 MPH

ACCIDENT HISTORY	
NO. OF MONTHS OBSERVED	24
SPEED-RELATED ACCIDENTS	2
TOTAL ACCIDENTS	7
ANNUAL ACCIDENT RATE	1.00 ACCIDENTS PER YEAR (SPEED RELATED ONLY)
ACC./MILLION VEH. MILES	0.21 ACCIDENTS PER MVM (SPEED RELATED ONLY)

TRAFFIC FACTORS	
AVERAGE DAILY TRAFFIC	26,700
LANE CONFIGURATION	2 LANES PER DIRECTION
TRAFFIC CONTROLS	SIGNAL - 120TH / EL SEGUNDO
CROSSWALKS	AT 120TH / EL SEGUNDO
PEDESTRIAN/BICYCLES	YES / FEW
TRUCK TRAFFIC	FEW
ON-STREET PARKING	NO STOPPING ANYTIME
OTHER	NO SHOULDERS

ROADWAY FACTORS	
LENGTH OF SEGMENT (MILES)	0.50
VERTICAL CURVE	NONE
HORIZONTAL CURVE	NONE
LATERAL VISIBILITY	GOOD
ROAD CONDITIONS	POOR
SIDEWALKS/DRIVEWAYS	YES / NO
STREET LIGHTING	YES
OTHER	2 WAY LEFT TURN CENTERLANE w/LEFTS

ADJACENT LAND USE	RESIDENTIAL (NF) w/GOLF COURSE / HOLLY PARK / INDUSTRIAL / RxR XING
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RECOMMENDED SPEED LIMIT	35 MPH
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SPEED LIMIT CHANGE	NO CHANGE
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**JUSTIFICATION:**

This portion of Van Ness Avenue has two travel lanes in each direction. The adjacent land uses are industrial, residential (non-fronting) a park. The posted speed limits for the segment and neighboring sections are 35 mph. The E & T study results show an 85th percentile speed of 46 mph. In an effort to maintain consistency with speeds of adjacent segments and of the bordering in Cities, it is recommended that the existing 35 mph speed limit be maintained.

# Spot Speed Study

Prepared by: National Data & Surveying Services

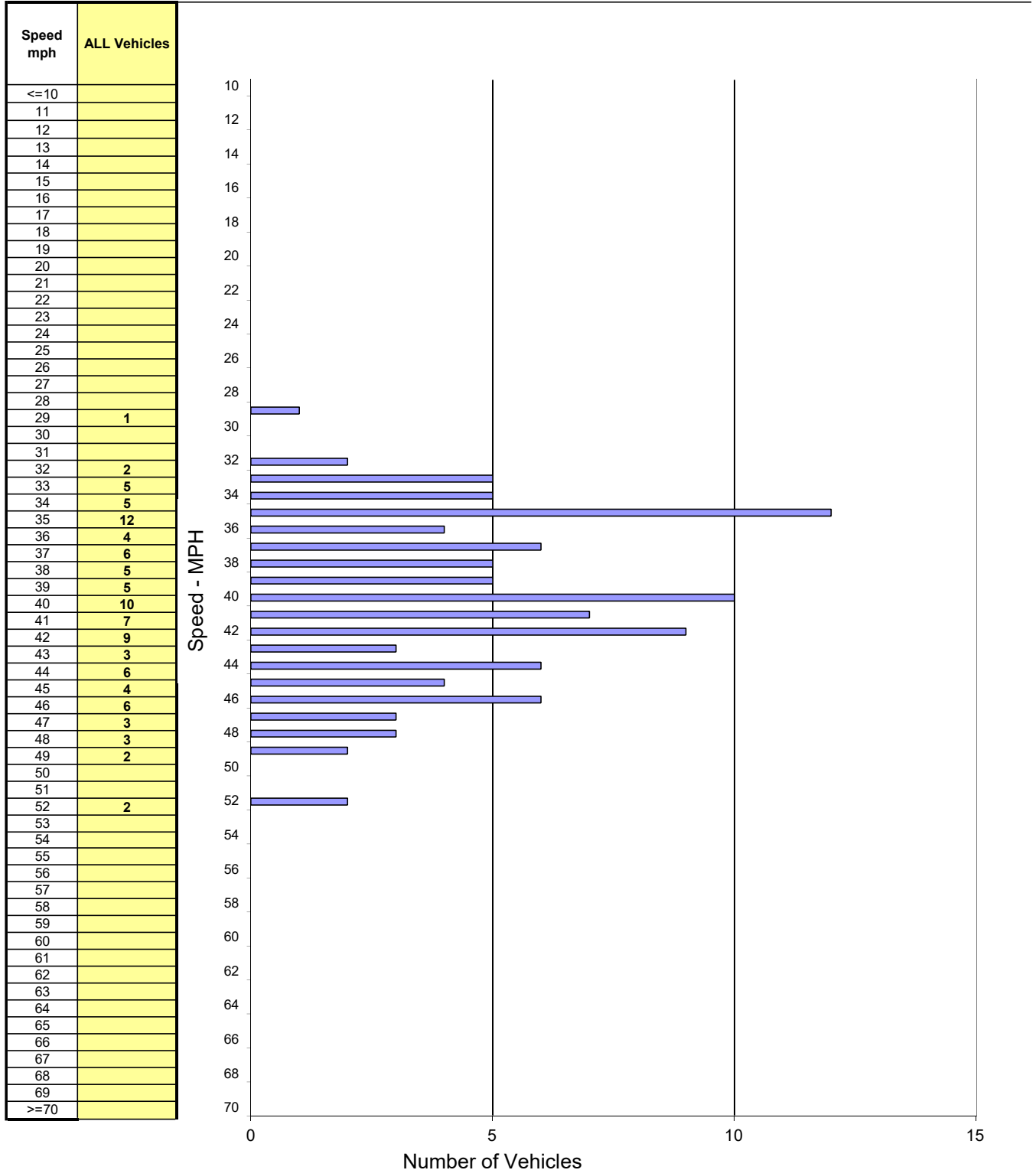
## City of Hawthorne

DATE: 6/22/2021  
TIME: 10:15-10:45

Location: 12333 Van Ness Ave  
Posted Speed: 35 MPH Clear/Dry

Project #: 21-020178-043

### Northbound & Southbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	100	29 - 52	40 mph	46 mph	33 - 42	68	68%	3% / 3	29% / 29

# **APPENDIX B**



# TRAFFIC RADAR CERTIFICATION

TESTED TO NHTSA SPECIFICATIONS / IACP CRITICAL PERFORMANCE STANDARDS  
(NHTSA) National Highway and Traffic Safety Administration.  
(IACP) International Association of Chiefs of Police.

16202 Keats Circle  
Westminster, Calif. 92683

R.H.F. is a certified independent testing and repair facility.

1	TEST ID	Date Received 7-17-20	Certification Number 75489					
2	DEVICE ID	Make Applied Concepts	Model Stalker-Dual SL or DSR	Type (I-IV) IV	Directional radar <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
		Counting unit S/N 040953	Antenna-1 S/N 026727	Antenna-2 S/N 033539	Same direction <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
3	§ 2.4 / § 5.4 TUNING FORK CALIBRATION	Low speed fork S/N 248728	Last date calib.	Freq. (Hz)	Speed (mph) 25	Measured (Hz) 2611	<input checked="" type="checkbox"/> PASS	FAIL
		High speed fork S/N 400111	Last date calib.	Freq. (Hz)	Speed (mph) 55	Measured (Hz) 5716		
4	§ 2.5 / § 5.5 RADAR DEVICE TUNING FORK TESTS	Stationary mode		Lo fork	High fork		<input checked="" type="checkbox"/> PASS	FAIL
		Fork speed (mph)		25	40			
		Disp. Speed (mph)		25	40			
		Moving mode Opposite Direction	TARGET SPEED (Hi fork - Lo fork)	Expected. (mph) 15	Displayed. (mph) 15			
Moving mode Same Direction	TARGET SPEED Hi fork + Lo fork Hi fork - Lo fork	Expected. (mph) 65 15	Displayed. (mph) 65 15					
5	§ 2.6.1. / § 5.6.1 TRANSMISSION FREQUENCY STABILITY	Standard supply Voltage (V) 13.6 V	Antenna 1 Freq. GHz 34.720	Antenna 2 Freq. GHz 34.716	<input checked="" type="checkbox"/> PASS	FAIL		
		Standard supply Voltage - 20% (V) 10.8 V	Antenna 1 Freq. GHz 34.720	Antenna 2 Freq. GHz 34.716				
		Standard supply Voltage + 20% (V) 16.3 V	Antenna 1 Freq. GHz 34.720	Antenna 2 Freq. GHz N/A 34.716				
6	§ 2.6.5 / § 5.6.5 POWER DENSITY	Mfg. Spec. (max mW/cm) ≤ 2	Antenna 1 Power (mW/cm) .9	Antenna 2 Power (mW/cm) .9	<input checked="" type="checkbox"/> PASS	FAIL		
7	§ 2.8 / § 5.8 LOW VOLTAGE	Mfg. spec. (V) ≤ 10.8	LVA activates (V) 8.2	LVA deactivates (V) 9.0	<input checked="" type="checkbox"/> PASS	FAIL		
8	§ 2.9.1 / § 5.9.1 DOPPLER AUDIO	A. Audio tone correlates with received Doppler signal <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		B. Functioning audio volume-adjustment control <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> PASS	FAIL	
9	§ 2.12.4 / § 5.12.4 INTERNAL CIRCUIT	Mfg. Spec. PASS	Test results PASS		<input checked="" type="checkbox"/> PASS	FAIL		
10	§ 2.12.6.5 / § 5.12.6.5 DIRECTIONAL	A. Selects only targets moving towards radar <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N.A.		B. Selects only targets moving away from radar <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N.A.		PASS	FAIL	
11	§ 2.12.7 / § 2.12.8 / 5.12.7 / 5.12.8 LOW AND HIGH SPEED DISPLAY TEST	Stationary mode: target channel (mph)		Low speed spec. 12	Lo speed disp. 12	<input checked="" type="checkbox"/> PASS	FAIL	
		Hi speed spec. 200		Hi speed disp. 200				
		Moving Mode target channel (mph)		Low speed spec. 20	Lo speed disp. 20			
		Hi speed spec. 200(C)		Hi speed disp. 200				
Moving Mode: patrol channel (mph)		Low speed spec. 15	Lo speed disp. 15					
Hi speed spec. 79		Hi speed disp. 79						
12	§ 2.13 / § 5.13 RPI TEST					<input checked="" type="checkbox"/> PASS	FAIL	
13	LABORATORY COMMENTS							
14	NHTSA/IACP CERTIFICATION	This radar device meets or exceeds the minimal operational standards of the National Traffic Highway Safety Administration. California Vehicle Code Section 40802 <input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL						
Certified by: Robert Friesen		Date: 7-17-20						
15	INVENTORY	<input type="checkbox"/> Fork Cert	<input type="checkbox"/> Manual	<input type="checkbox"/> 2 <sup>nd</sup> Ant.	<input type="checkbox"/> Remote	<input type="checkbox"/> Battery		
		<input type="checkbox"/> Carrying Case		<input type="checkbox"/> Other: (please list)				

## Radar Certification

<b>Certificate of Completion and Competency</b> <b>DOPPLER RADAR OPERATION</b>	
Name & Title	<u>Cathy Buendia</u> <u>Technician</u>
Department	<u>Transportation</u>
<i>has successfully completed a course of instruction in the operation of Moving Car and Stationary Doppler Radar and is deemed competent to utilize the same Doppler Radar to determine the velocity of motor vehicles.</i>	
Date	<u>7/23/91</u>
Instructor	<u>[Signature]</u>
<b>EMI WIPH</b> 310 East Ninth Street Subsidiaries of MPD, Inc. Owensboro, KY 42301 (502) 665-8200	

**APPENDIX C**

**ADT COUNT DATA  
IN ORDER PER ATTACHED LIST**

PROPOSED LIST OF STUDY LOCATIONS\*

<b>NO.</b>	<b>STREET NAME</b>	<b>LOCATION</b>	<b>DIR.</b>
<b>EAST/WEST</b>			
1	IMPERIAL HWY	INGLEWOOD AVE TO HAWTHORNE BLVD	E/W
2	IMPERIAL HWY	HAWTHORNE BLVD TO PRAIRIE AVE	E/W
3	120 <sup>TH</sup> ST	FELTON AVE TO INGLEWOOD AVE	E/W
4	120 <sup>TH</sup> ST	INGLEWOOD AVE TO HAWTHORNE BLVD	E/W
5	120 <sup>TH</sup> ST	HAWTHORNE BLVD TO PRAIRIE AVE	E/W
6	120 <sup>TH</sup> ST	PRAIRIE AVE TO CRENSHAW BLVD	E/W
7	120 <sup>TH</sup> ST	CRENSHAW BLVD TO VAN NESS AVE	E/W
8	EL SEGUNDO BLVD	AVIATION BLVD TO 405 RAMPS	E/W
9	EL SEGUNDO BLVD	INGLEWOOD AVE TO HAWTHORNE BLVD	E/W
10	EL SEGUNDO BLVD	HAWTHORNE BLVD TO PRAIRIE AVE	E/W
11	EL SEGUNDO BLVD	PRAIRIE AVE TO YUKON AVE	E/W
12	EL SEGUNDO BLVD	YUKON AVE TO CRENSHAW BLVD	E/W
13	EL SEGUNDO BLVD	CRENSHAW BLVD TO VAN NESS AVE	E/W
14	135 <sup>TH</sup> ST	AVIATION BLVD TO ISIS AVE	E/W
15	135 <sup>TH</sup> ST	ISIS AVE TO GLASGOW PL	E/W
16	ROSECRANS AVE	AVIATION BLVD TO HINDRY AVE	E/W
17	ROSECRANS AVE	405 FWY TO INGLEWOOD AVE	E/W
18	ROSECRANS AVE	PRAIRIE AVE TO YUKON AVE	E/W
19	ROSECRANS AVE	YUKON AVE TO CRENSHAW BLVD	E/W
20	MARINE AVE	AVIATION BLVD TO 405 FWY	E/W
21	MARINE AVE	PRAIRIE AVE TO YUKON AVE	E/W
22	147 <sup>TH</sup> ST	INGLEWOOD AVE TO OCEAN GATE AVE	E/W
23	JACK NORTHROP AVE	CRENSHAW BLVD TO PRAIRIE AVE	E/W
<b>NORTH/SOUTH</b>			
24	AVIATION BLVD	MARINE AVE TO ROSECRANS AVE	N/S
25	AVIATION BLVD	ROSECRANS AVE TO 13200 AVIATION BLVD	N/S
26	INGLEWOOD AVE	IMPERIAL HWY TO 120 <sup>TH</sup> ST	N/S
27	INGLEWOOD AVE	120 <sup>TH</sup> ST TO EL SEGUNDO BLVD	N/S
28	INGLEWOOD AVE	EL SEGUNDO BLVD TO 135 <sup>TH</sup> ST	N/S
29	INGLEWOOD AVE	135 <sup>TH</sup> ST TO ROSECRANS AVE	N/S
30	HAWTHORNE BLVD	IMPERIAL HWY TO 120 <sup>TH</sup> ST	N/S
31	HAWTHORNE BLVD	120 <sup>TH</sup> ST TO EL SEGUNDO BLVD	N/S
32	HAWTHORNE BLVD	EL SEGUNDO BLVD TO 135 <sup>TH</sup> ST	N/S
33	HAWTHORNE BLVD	135 <sup>TH</sup> ST TO ROSECRANS AVE	N/S
34	BIRCH AVE	120 <sup>TH</sup> ST TO EL SEGUNDO BLVD	N/S
35	PRAIRIE AVE	IMPERIAL HWY TO 120 <sup>TH</sup> ST	N/S
36	PRAIRIE AVE	120 <sup>TH</sup> ST TO EL SEGUNDO BLVD	N/S
37	PRAIRIE AVE	EL SEGUNDO BLVD TO 135 <sup>TH</sup> ST	N/S
38	PRAIRIE AVE	135 <sup>TH</sup> ST TO ROSECRANS AVE	N/S
39	PRAIRIE AVE	ROSECRANS AVE TO MARINE AVE	N/S
40	CRENSHAW BLVD	120 <sup>TH</sup> ST TO EL SEGUNDO BLVD	N/S
41	CRENSHAW BLVD	EL SEGUNDO BLVD TO 132 <sup>ND</sup> ST	N/S
42	VAN NESS AVE	IMPERIAL HWY TO 120 <sup>TH</sup> ST	N/S
43	VAN NESS AVE	120 <sup>TH</sup> ST TO EL SEGUNDO BLVD	N/S

\*Consultant shall review segments and recommend changes if needed



**VOLUME**

Imperial Hwy Bet. Inglewood Ave &amp; Hawthorne Blvd

Day: Tuesday  
Date: 6/15/2021City: Hawthorne  
Project #: CA21\_020179\_001

DAILY TOTALS					NB	SB						Total		
					0	0						22,874		
							EB	WB						
							12,769	10,105						
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL		
00:00			51	41	92		12:00			182	143	325		
00:15			55	36	91		12:15			152	144	296		
00:30			41	30	71		12:30			144	138	282		
00:45			36	183	34	141	12:45			139	617	143	568	
01:00			35	31	66		13:00			196	146	342		
01:15			31	32	63		13:15			148	163	311		
01:30			31	21	52		13:30			173	166	339		
01:45			25	122	23	107	13:45			221	738	124	599	
02:00			32	26	58		14:00			228	141	369		
02:15			28	19	47		14:15			176	143	319		
02:30			18	17	35		14:30			269	121	390		
02:45			18	96	26	88	14:45			331	1004	158	563	
03:00			30	13	43		15:00			333	130	463		
03:15			13	16	29		15:15			340	136	476		
03:30			19	24	43		15:30			357	129	486		
03:45			17	79	28	81	15:45			335	1365	131	526	
04:00			25	26	51		16:00			356	138	494		
04:15			13	17	30		16:15			347	134	481		
04:30			33	44	77		16:30			320	135	455		
04:45			18	89	43	130	16:45			339	1362	171	578	
05:00			28	51	79		17:00			398	123	521		
05:15			31	62	93		17:15			375	132	507		
05:30			57	96	153		17:30			308	135	443		
05:45			42	158	112	321	17:45			325	1406	143	533	
06:00			48	94	142		18:00			304	141	445		
06:15			58	151	209		18:15			259	126	385		
06:30			68	205	273		18:30			196	128	324		
06:45			75	249	179	629	18:45			182	941	127	522	
07:00			82	193	275		19:00			157	119	276		
07:15			80	175	255		19:15			169	117	286		
07:30			107	230	337		19:30			171	124	295		
07:45			112	381	199	797	19:45			141	638	111	471	
08:00			110	190	300		20:00			137	80	217		
08:15			90	170	260		20:15			126	91	217		
08:30			86	145	231		20:30			123	84	207		
08:45			118	404	148	653	20:45			100	486	89	344	
09:00			105	121	226		21:00			128	79	207		
09:15			95	140	235		21:15			112	89	201		
09:30			119	119	238		21:30			96	96	192		
09:45			104	423	120	500	21:45			94	430	83	347	
10:00			138	107	245		22:00			91	86	177		
10:15			113	142	255		22:15			75	60	135		
10:30			115	148	263		22:30			91	65	156		
10:45			120	486	119	516	22:45			67	324	75	286	
11:00			123	131	254		23:00			77	54	131		
11:15			127	160	287		23:15			65	57	122		
11:30			160	159	319		23:30			60	43	103		
11:45			113	523	152	602	23:45			63	265	49	203	
<b>TOTALS</b>				3193	4565	<b>7758</b>	<b>TOTALS</b>			9576	5540	<b>15116</b>		
<b>SPLIT %</b>				41.2%	58.8%	<b>33.9%</b>	<b>SPLIT %</b>			63.4%	36.6%	<b>66.1%</b>		

DAILY TOTALS					NB	SB						Total		
					0	0						22,874		
							EB	WB						
							12,769	10,105						
AM Peak Hour			11:30	07:00	07:30		PM Peak Hour			16:30	12:45	16:30		
AM Pk Volume			607	797	1208		PM Pk Volume			1432	618	1993		
Pk Hr Factor			0.834	0.866	0.896		Pk Hr Factor			0.899	0.931	0.956		
7 - 9 Volume	0	0	785	1450	2235		4 - 6 Volume	0	0	2768	1111	3879		
7 - 9 Peak Hour			07:30	07:00	07:30		4 - 6 Peak Hour			16:30	16:00	16:30		
7 - 9 Pk Volume	0	0	419	797	1208		4 - 6 Pk Volume	0	0	1432	578	1993		
Pk Hr Factor	0.000	0.000	0.935	0.866	0.896		Pk Hr Factor	0.000	0.000	0.899	0.845	0.956		

### VOLUME

Imperial Hwy Bet. Hawthorne Blvd & Prairie Ave

Day: Tuesday  
Date: 6/15/2021

City: Hawthorne  
Project #: CA21\_020179\_002

DAILY TOTALS					NB	SB						Total
					0	0						23,858
							15,052			8,806		
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL	
00:00			56	28	84	12:00			206	121	327	
00:15			48	36	84	12:15			196	116	312	
00:30			56	28	84	12:30			195	137	332	
00:45			45	205	27	119	12:45		170	767	125	499
01:00			29	26	55	13:00			205	105	310	
01:15			29	18	47	13:15			195	127	322	
01:30			36	23	59	13:30			206	147	353	
01:45			28	122	27	94	13:45		202	808	117	496
02:00			17	17	34	14:00			266	127	393	
02:15			26	18	44	14:15			248	114	362	
02:30			18	14	32	14:30			264	107	371	
02:45			26	87	31	80	14:45		364	1142	136	484
03:00			29	15	44	15:00			377	136	513	
03:15			23	22	45	15:15			359	119	478	
03:30			30	26	56	15:30			389	101	490	
03:45			20	102	18	81	15:45		388	1513	118	474
04:00			25	16	41	16:00			382	109	491	
04:15			27	13	40	16:15			392	121	513	
04:30			39	25	64	16:30			322	135	457	
04:45			37	128	27	81	16:45		404	1500	122	487
05:00			53	33	86	17:00			399	100	499	
05:15			54	48	102	17:15			389	125	514	
05:30			77	56	133	17:30			358	131	489	
05:45			69	253	70	207	17:45		352	1498	106	462
06:00			80	75	155	18:00			321	107	428	
06:15			104	118	222	18:15			298	134	432	
06:30			98	146	244	18:30			233	127	360	
06:45			104	386	146	485	18:45		220	1072	120	488
07:00			122	129	251	19:00			206	116	322	
07:15			118	151	269	19:15			188	132	320	
07:30			136	160	296	19:30			168	114	282	
07:45			135	511	178	618	19:45		172	734	100	462
08:00			152	174	326	20:00			174	73	247	
08:15			134	150	284	20:15			158	87	245	
08:30			130	122	252	20:30			151	95	246	
08:45			151	567	139	585	20:45		116	599	93	348
09:00			125	119	244	21:00			152	91	243	
09:15			118	115	233	21:15			139	83	222	
09:30			139	120	259	21:30			126	90	216	
09:45			131	513	85	439	21:45		117	534	63	327
10:00			159	122	281	22:00			96	67	163	
10:15			168	141	309	22:15			96	63	159	
10:30			154	122	276	22:30			81	75	156	
10:45			160	641	126	511	22:45		78	351	56	261
11:00			163	126	289	23:00			90	52	142	
11:15			175	147	322	23:15			67	41	108	
11:30			187	142	329	23:30			68	40	108	
11:45			201	726	116	531	23:45		68	293	54	187
<b>TOTALS</b>			4241	3831	8072	<b>TOTALS</b>			10811	4975	15786	
<b>SPLIT %</b>			52.5%	47.5%	33.8%	<b>SPLIT %</b>			68.5%	31.5%	66.2%	

DAILY TOTALS					NB	SB						Total
					0	0						23,858
							15,052			8,806		

AM Peak Hour			11:45	07:15	11:15	PM Peak Hour			15:30	13:15	16:45
AM Pk Volume			798	663	1295	PM Pk Volume			1551	518	2028
Pk Hr Factor			0.968	0.931	0.984	Pk Hr Factor			0.989	0.881	0.964
7 - 9 Volume	0	0	1078	1203	2281	4 - 6 Volume	0	0	2998	949	3947
7 - 9 Peak Hour			08:00	07:15	07:30	4 - 6 Peak Hour			16:45	16:00	16:45
7 - 9 Pk Volume	0	0	567	663	1219	4 - 6 Pk Volume	0	0	1550	487	2028
Pk Hr Factor	0.000	0.000	0.933	0.931	0.935	Pk Hr Factor	0.000	0.000	0.959	0.902	0.964

**VOLUME**

120th St Bet. Felton Ave & Inglewood Ave

Day: Tuesday  
Date: 6/15/2021

City: Hawthorne  
Project #: CA21\_020179\_003

DAILY TOTALS					NB	SB						Total
					0	0						10,826
							EB	WB				
							6,779	4,047				
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL	
00:00			16	7	23	12:00			67	54	121	
00:15			16	10	26	12:15			84	54	138	
00:30			16	4	20	12:30			74	68	142	
00:45			13	61	74	12:45			58	283	341	
01:00			13	5	18	13:00			79	63	142	
01:15			7	5	12	13:15			60	54	114	
01:30			13	5	18	13:30			71	58	129	
01:45			6	39	45	13:45			101	311	412	
02:00			8	3	11	14:00			107	54	161	
02:15			7	2	9	14:15			121	65	186	
02:30			6	3	9	14:30			182	54	236	
02:45			9	30	39	14:45			224	634	858	
03:00			6	8	14	15:00			275	57	332	
03:15			5	5	10	15:15			220	60	280	
03:30			6	6	12	15:30			188	53	241	
03:45			6	23	29	15:45			246	929	1175	
04:00			7	14	21	16:00			278	64	342	
04:15			3	18	21	16:15			197	56	253	
04:30			7	22	29	16:30			230	59	289	
04:45			9	26	35	16:45			275	980	1255	
05:00			9	18	27	17:00			218	46	264	
05:15			8	36	44	17:15			197	54	251	
05:30			13	34	47	17:30			246	58	304	
05:45			19	49	68	17:45			194	855	1049	
06:00			13	33	46	18:00			158	55	213	
06:15			17	40	57	18:15			156	52	208	
06:30			38	63	101	18:30			109	42	151	
06:45			37	105	142	18:45			93	516	609	
07:00			38	66	104	19:00			74	47	121	
07:15			41	87	128	19:15			84	53	137	
07:30			48	100	148	19:30			86	28	114	
07:45			50	177	227	19:45			72	316	388	
08:00			42	84	126	20:00			43	43	86	
08:15			74	90	164	20:15			65	32	97	
08:30			47	84	131	20:30			52	35	87	
08:45			38	201	239	20:45			60	220	280	
09:00			52	52	104	21:00			41	34	75	
09:15			48	52	100	21:15			55	27	82	
09:30			33	56	89	21:30			37	30	67	
09:45			59	192	251	21:45			46	179	225	
10:00			44	54	98	22:00			29	33	62	
10:15			41	53	94	22:15			35	21	56	
10:30			54	46	100	22:30			24	19	43	
10:45			57	196	253	22:45			32	120	152	
11:00			81	65	146	23:00			24	15	39	
11:15			49	58	107	23:15			25	16	41	
11:30			62	51	113	23:30			24	12	36	
11:45			54	246	300	23:45			18	91	109	
TOTALS			1345	1915	3260	TOTALS			5434	2132	7566	
SPLIT %			41.3%	58.7%	30.1%	SPLIT %			71.8%	28.2%	69.9%	

DAILY TOTALS					NB	SB						Total
					0	0						10,826
							EB	WB				
							6,779	4,047				
AM Peak Hour			11:45	07:30	07:30	PM Peak Hour			16:00	12:15	16:00	
AM Pk Volume			279	386	600	PM Pk Volume			980	241	1210	
Pk Hr Factor			0.830	0.862	0.915	Pk Hr Factor			0.881	0.886	0.885	
7 - 9 Volume	0	0	378	691	1069	4 - 6 Volume	0	0	1835	447	2282	
7 - 9 Peak Hour			07:30	07:30	07:30	4 - 6 Peak Hour			16:00	16:00	16:00	
7 - 9 Pk Volume	0	0	214	386	600	4 - 6 Pk Volume	0	0	980	230	1210	
Pk Hr Factor	0.000	0.000	0.723	0.862	0.915	Pk Hr Factor	0.000	0.000	0.881	0.898	0.885	

### VOLUME

120th St Bet. Inglewood Ave & Hawthorne Blvd

Day: Tuesday  
Date: 6/15/2021

City: Hawthorne  
Project #: CA21\_020179\_004

DAILY TOTALS					NB	SB	EB	WB	Total			
					0	0	8,235	5,795	14,030			
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL	
00:00			23	16	39	12:00			80	91	171	
00:15			16	15	31	12:15			107	82	189	
00:30			13	14	27	12:30			90	83	173	
00:45			11	63	4	12:45			97	374	67	323
					15	112					164	697
01:00			7	6	13	13:00			94	84	178	
01:15			8	5	13	13:15			92	90	182	
01:30			8	3	11	13:30			94	95	189	
01:45			8	31	5	13:45			113	393	77	346
					13	50					190	739
02:00			8	2	10	14:00			128	86	214	
02:15			10	7	17	14:15			149	95	244	
02:30			4	9	13	14:30			193	82	275	
02:45			7	29	12	14:45			253	723	112	375
					19	59					365	1098
03:00			4	6	10	15:00			286	70	356	
03:15			6	11	17	15:15			255	87	342	
03:30			10	10	20	15:30			210	89	299	
03:45			9	29	8	15:45			247	998	74	320
					17	64					321	1318
04:00			12	12	24	16:00			288	94	382	
04:15			5	16	21	16:15			210	103	313	
04:30			10	13	23	16:30			261	86	347	
04:45			13	40	27	16:45			290	1049	105	388
					40	108					395	1437
05:00			12	18	30	17:00			222	88	310	
05:15			20	29	49	17:15			209	88	297	
05:30			24	36	60	17:30			251	96	347	
05:45			24	80	48	17:45			213	895	83	355
					72	211					296	1250
06:00			21	40	61	18:00			191	93	284	
06:15			29	50	79	18:15			169	67	236	
06:30			49	74	123	18:30			127	69	196	
06:45			57	156	103	18:45			127	614	90	319
					160	423					217	933
07:00			52	64	116	19:00			110	77	187	
07:15			62	104	166	19:15			96	85	181	
07:30			52	108	160	19:30			123	59	182	
07:45			62	228	121	19:45			93	422	68	289
					183	625					161	711
08:00			79	103	182	20:00			81	76	157	
08:15			82	119	201	20:15			76	55	131	
08:30			88	95	183	20:30			64	56	120	
08:45			82	331	88	20:45			76	297	45	232
					170	736					121	529
09:00			71	65	136	21:00			55	59	114	
09:15			62	94	156	21:15			74	46	120	
09:30			73	77	150	21:30			59	46	105	
09:45			87	293	95	21:45			47	235	56	207
					182	624					103	442
10:00			84	68	152	22:00			47	44	91	
10:15			70	72	142	22:15			49	44	93	
10:30			64	74	138	22:30			25	28	53	
10:45			76	294	102	22:45			22	143	26	142
					178	610					48	285
11:00			139	100	239	23:00			28	24	52	
11:15			89	98	187	23:15			28	23	51	
11:30			106	87	193	23:30			25	20	45	
11:45			82	416	85	23:45			21	102	14	81
					167	786					35	183
TOTALS			1990	2418	4408	TOTALS			6245	3377	9622	
SPLIT %			45.1%	54.9%	31.4%	SPLIT %			64.9%	35.1%	68.6%	

DAILY TOTALS					NB	SB	EB	WB	Total		
					0	0	8,235	5,795	14,030		
AM Peak Hour			11:00	07:30	10:45	PM Peak Hour			16:00	16:00	16:00
AM Pk Volume			416	451	797	PM Pk Volume			1049	388	1437
Pk Hr Factor			0.748	0.932	0.834	Pk Hr Factor			0.904	0.924	0.909
7 - 9 Volume	0	0	559	802	1361	4 - 6 Volume	0	0	1944	743	2687
7 - 9 Peak Hour			08:00	07:30	07:45	4 - 6 Peak Hour			16:00	16:00	16:00
7 - 9 Pk Volume	0	0	331	451	749	4 - 6 Pk Volume	0	0	1049	388	1437
Pk Hr Factor	0.000	0.000	0.940	0.932	0.932	Pk Hr Factor	0.000	0.000	0.904	0.924	0.909

### VOLUME

120th St Bet. Hawthorne Blvd & Prairie Ave

Day: Tuesday  
Date: 6/15/2021

City: Hawthorne  
Project #: CA21\_020179\_005

DAILY TOTALS					NB	SB	EB	WB	Total			
					0	0	9,778	6,207	15,985			
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL	
00:00			29	12	41	12:00			119	89	208	
00:15			16	21	37	12:15			115	74	189	
00:30			20	13	33	12:30			108	75	183	
00:45			9	74	18	12:45			119	461	211	
				55	129				92	330	791	
01:00			12	11	23	13:00			130	102	232	
01:15			12	4	16	13:15			117	100	217	
01:30			16	6	22	13:30			137	103	240	
01:45			13	53	20	13:45			144	528	247	
				28	81				103	408	936	
02:00			6	10	16	14:00			157	107	264	
02:15			10	11	21	14:15			153	88	241	
02:30			5	6	11	14:30			196	105	301	
02:45			8	29	15	14:45			269	775	368	
				34	63				99	399	1174	
03:00			6	4	10	15:00			278	80	358	
03:15			10	7	17	15:15			283	103	386	
03:30			16	4	20	15:30			213	106	319	
03:45			10	42	16	15:45			275	1049	361	
				21	63				86	375	1424	
04:00			7	6	13	16:00			306	107	413	
04:15			12	10	22	16:15			248	107	355	
04:30			20	7	27	16:30			271	108	379	
04:45			14	53	40	16:45			300	1125	429	
				49	102				129	451	1576	
05:00			20	11	31	17:00			277	102	379	
05:15			36	19	55	17:15			237	109	346	
05:30			39	37	76	17:30			264	109	373	
05:45			32	127	78	17:45			251	1029	350	
				113	240				99	419	1448	
06:00			41	38	79	18:00			213	114	327	
06:15			42	47	89	18:15			196	72	268	
06:30			64	61	125	18:30			156	117	273	
06:45			68	215	159	18:45			140	705	218	
				237	452				78	381	1086	
07:00			80	69	149	19:00			122	95	217	
07:15			83	87	170	19:15			120	82	202	
07:30			98	109	207	19:30			131	66	197	
07:45			99	360	223	19:45			112	485	181	
				389	749				69	312	797	
08:00			87	108	195	20:00			115	57	172	
08:15			90	109	199	20:15			85	50	135	
08:30			102	86	188	20:30			64	69	133	
08:45			103	382	198	20:45			91	355	136	
				398	780				45	221	576	
09:00			107	97	204	21:00			59	63	122	
09:15			88	104	192	21:15			66	46	112	
09:30			109	94	203	21:30			84	60	144	
09:45			109	413	207	21:45			58	267	96	
				393	806				38	207	474	
10:00			103	91	194	22:00			68	41	109	
10:15			95	73	168	22:15			62	47	109	
10:30			117	78	195	22:30			44	32	76	
10:45			99	414	189	22:45			26	200	49	
				332	746				23	143	343	
11:00			137	105	242	23:00			44	34	78	
11:15			120	104	224	23:15			40	29	69	
11:30			124	102	226	23:30			28	17	45	
11:45			107	488	207	23:45			37	149	58	
				411	899				21	101	250	
<b>TOTALS</b>				2650	2460	<b>5110</b>	<b>TOTALS</b>			7128	3747	<b>10875</b>
<b>SPLIT %</b>				51.9%	48.1%	<b>32.0%</b>	<b>SPLIT %</b>			65.5%	34.5%	<b>68.0%</b>

DAILY TOTALS					NB	SB	EB	WB	Total
					0	0	9,778	6,207	15,985

AM Peak Hour			11:00	07:30	11:00	PM Peak Hour			16:00	16:00	16:00
AM Pk Volume			488	450	899	PM Pk Volume			1125	451	1576
Pk Hr Factor			0.891	0.907	0.929	Pk Hr Factor			0.919	0.874	0.918
7 - 9 Volume	0	0	742	787	1529	4 - 6 Volume	0	0	2154	870	3024
7 - 9 Peak Hour			08:00	07:30	07:30	4 - 6 Peak Hour			16:00	16:00	16:00
7 - 9 Pk Volume	0	0	382	450	824	4 - 6 Pk Volume	0	0	1125	451	1576
Pk Hr Factor	0.000	0.000	0.927	0.907	0.924	Pk Hr Factor	0.000	0.000	0.919	0.874	0.918

# VOLUME

120th St Bet. Prairie Ave & Crenshaw Blvd

Day: Tuesday  
Date: 6/15/2021

City: Hawthorne  
Project #: CA21\_020179\_006

DAILY TOTALS					NB	SB						Total		
					0	0						20,945		
							EB	WB						
							13,525	7,420						
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL			
00:00			28	24	52	12:00			160	98	258			
00:15			22	28	50	12:15			150	106	256			
00:30			23	34	57	12:30			158	105	263			
00:45			14	87	101	12:45			152	620	772			
01:00			17	12	29	13:00			181	120	301			
01:15			12	8	20	13:15			184	115	299			
01:30			17	3	20	13:30			182	99	281			
01:45			21	67	88	13:45			189	736	925			
02:00			17	12	29	14:00			211	110	321			
02:15			12	8	20	14:15			210	98	308			
02:30			9	8	17	14:30			227	123	350			
02:45			16	54	70	14:45			283	931	1214			
03:00			15	10	25	15:00			359	95	454			
03:15			23	9	32	15:15			357	123	480			
03:30			24	12	36	15:30			291	123	414			
03:45			29	91	120	15:45			315	1322	1637			
04:00			18	8	26	16:00			411	129	540			
04:15			25	12	37	16:15			320	116	436			
04:30			40	12	52	16:30			335	112	447			
04:45			50	133	183	16:45			364	1430	1794			
05:00			60	14	74	17:00			385	110	495			
05:15			82	23	105	17:15			336	143	479			
05:30			104	31	135	17:30			332	138	470			
05:45			83	329	412	17:45			297	1350	1647			
06:00			114	46	160	18:00			281	125	406			
06:15			109	68	177	18:15			258	104	362			
06:30			133	82	215	18:30			184	168	352			
06:45			123	479	602	18:45			198	921	1119			
07:00			151	75	226	19:00			164	110	274			
07:15			130	90	220	19:15			157	102	259			
07:30			156	92	248	19:30			166	106	272			
07:45			157	594	751	19:45			140	627	767			
08:00			141	133	274	20:00			153	73	226			
08:15			146	101	247	20:15			112	79	191			
08:30			160	103	263	20:30			105	85	190			
08:45			165	612	777	20:45			112	482	594			
09:00			143	104	247	21:00			93	79	172			
09:15			150	93	243	21:15			84	59	143			
09:30			154	100	254	21:30			91	74	165			
09:45			142	589	731	21:45			83	351	434			
10:00			156	97	253	22:00			87	50	137			
10:15			142	84	226	22:15			87	66	153			
10:30			156	97	253	22:30			46	52	98			
10:45			152	606	758	22:45			52	272	324			
11:00			184	134	318	23:00			47	42	89			
11:15			159	123	282	23:15			42	44	86			
11:30			169	97	266	23:30			34	27	61			
11:45			168	680	848	23:45			39	162	201			
<b>TOTALS</b>			<b>4321</b>	<b>2770</b>	<b>7091</b>	<b>TOTALS</b>			<b>9204</b>	<b>4650</b>	<b>13854</b>			
<b>SPLIT %</b>			<b>60.9%</b>	<b>39.1%</b>	<b>33.9%</b>	<b>SPLIT %</b>			<b>66.4%</b>	<b>33.6%</b>	<b>66.1%</b>			

DAILY TOTALS					NB	SB						Total		
					0	0						20,945		
							EB	WB						
							13,525	7,420						
AM Peak Hour			11:00	10:30	11:00	PM Peak Hour			16:00	16:45	16:45			
AM Pk Volume			680	475	1141	PM Pk Volume			1430	556	1973			
Pk Hr Factor			0.924	0.886	0.897	Pk Hr Factor			0.870	0.842	0.932			
7 - 9 Volume	0	0	1206	817	2023	4 - 6 Volume	0	0	2780	1020	3800			
7 - 9 Peak Hour			08:00	07:45	07:45	4 - 6 Peak Hour			16:00	16:45	16:45			
7 - 9 Pk Volume	0	0	612	463	1067	4 - 6 Pk Volume	0	0	1430	556	1973			
Pk Hr Factor	0.000	0.000	0.927	0.870	0.943	Pk Hr Factor	0.000	0.000	0.870	0.842	0.932			

# VOLUME

120th St Bet. Crenshaw Blvd & Van Ness Ave

Day: Thursday  
Date: 6/17/2021

City: Hawthorne  
Project #: CA21\_020179\_007

DAILY TOTALS					NB	SB						Total	
					0	0						20,808	
							EB	WB					
							10,286	10,522					
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL	
00:00			42	31	73		12:00			144	144	288	
00:15			37	28	65		12:15			167	151	318	
00:30			19	17	36		12:30			154	157	311	
00:45			34	132	21	97	12:45			189	654	171	623
01:00			18	16	34		13:00			163	148	311	
01:15			22	13	35		13:15			181	157	338	
01:30			13	16	29		13:30			167	156	323	
01:45			13	66	9	54	13:45			169	680	158	619
02:00			12	15	27		14:00			162	145	307	
02:15			12	12	24		14:15			169	152	321	
02:30			11	16	27		14:30			202	168	370	
02:45			11	46	16	59	14:45			183	716	147	612
03:00			13	13	26		15:00			194	148	342	
03:15			10	23	33		15:15			179	136	315	
03:30			11	18	29		15:30			189	172	361	
03:45			18	52	41	95	15:45			218	780	150	606
04:00			6	31	37		16:00			193	132	325	
04:15			8	31	39		16:15			219	150	369	
04:30			14	53	67		16:30			203	150	353	
04:45			21	49	51	166	16:45			219	834	164	596
05:00			22	57	79		17:00			242	183	425	
05:15			30	75	105		17:15			198	155	353	
05:30			50	107	157		17:30			211	152	363	
05:45			45	147	69	308	17:45			207	858	124	614
06:00			59	112	171		18:00			207	117	324	
06:15			51	104	155		18:15			224	132	356	
06:30			56	145	201		18:30			183	124	307	
06:45			76	242	195	556	18:45			162	776	124	497
07:00			72	228	300		19:00			162	122	284	
07:15			64	227	291		19:15			151	111	262	
07:30			102	197	299		19:30			140	114	254	
07:45			91	329	208	860	19:45			138	591	132	479
08:00			92	189	281		20:00			153	100	253	
08:15			77	187	264		20:15			169	114	283	
08:30			86	186	272		20:30			120	122	242	
08:45			114	369	181	743	20:45			111	553	93	429
09:00			101	152	253		21:00			122	73	195	
09:15			104	180	284		21:15			91	56	147	
09:30			99	159	258		21:30			79	67	146	
09:45			120	424	149	640	21:45			79	371	56	252
10:00			134	164	298		22:00			86	60	146	
10:15			127	135	262		22:15			65	59	124	
10:30			137	183	320		22:30			66	43	109	
10:45			146	544	151	633	22:45			76	293	37	199
11:00			139	145	284		23:00			47	44	91	
11:15			137	170	307		23:15			46	35	81	
11:30			159	174	333		23:30			51	33	84	
11:45			166	601	145	634	23:45			35	179	39	151
TOTALS			3001	4845	7846		TOTALS			7285	5677	12962	
SPLIT %			38.2%	61.8%	37.7%		SPLIT %			56.2%	43.8%	62.3%	

DAILY TOTALS					NB	SB						Total
					0	0						20,808
							EB	WB				
							10,286	10,522				
AM Peak Hour			11:30	07:00	11:30		PM Peak Hour			16:15	16:45	16:15
AM Pk Volume			636	860	1250		PM Pk Volume			883	654	1530
Pk Hr Factor			0.952	0.943	0.938		Pk Hr Factor			0.912	0.893	0.900
7 - 9 Volume	0	0	698	1603	2301		4 - 6 Volume	0	0	1692	1210	2902
7 - 9 Peak Hour			08:00	07:00	07:00		4 - 6 Peak Hour			16:15	16:45	16:15
7 - 9 Pk Volume	0	0	369	860	1189		4 - 6 Pk Volume	0	0	883	654	1530
Pk Hr Factor	0.000	0.000	0.809	0.943	0.991		Pk Hr Factor	0.000	0.000	0.912	0.893	0.900

### VOLUME

El Segundo Blvd Bet. Aviation Blvd & I-405 Ramps

Day: Tuesday  
Date: 6/15/2021

City: Hawthorne  
Project #: CA21\_020179\_008

DAILY TOTALS					NB	SB	EB	WB	Total			
					0	0	15,931	17,290	33,221			
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL	
00:00			58	32	90	12:00			283	211	494	
00:15			34	18	52	12:15			253	218	471	
00:30			34	24	58	12:30			251	223	474	
00:45			24	150	13	12:45			252	1039	265	917
01:00			35	24	59	13:00			307	241	548	
01:15			31	27	58	13:15			275	222	497	
01:30			20	24	44	13:30			295	246	541	
01:45			23	109	24	13:45			284	1161	302	1011
02:00			15	29	44	14:00			309	255	564	
02:15			11	26	37	14:15			286	242	528	
02:30			34	25	59	14:30			374	250	624	
02:45			13	73	24	14:45			339	1308	302	1049
03:00			16	23	39	15:00			346	225	571	
03:15			15	41	56	15:15			296	256	552	
03:30			15	47	62	15:30			323	239	562	
03:45			13	59	67	15:45			352	1317	261	981
04:00			14	72	86	16:00			390	240	630	
04:15			25	100	125	16:15			351	222	573	
04:30			35	175	210	16:30			445	217	662	
04:45			29	103	266	16:45			387	1573	212	891
05:00			52	178	230	17:00			417	257	674	
05:15			63	237	300	17:15			461	203	664	
05:30			58	275	333	17:30			418	228	646	
05:45			73	246	330	17:45			369	1665	217	905
06:00			80	241	321	18:00			318	173	491	
06:15			62	244	306	18:15			314	193	507	
06:30			53	248	301	18:30			273	189	462	
06:45			82	277	365	18:45			272	1177	147	702
07:00			101	318	419	19:00			252	112	364	
07:15			123	349	472	19:15			207	139	346	
07:30			114	442	556	19:30			193	121	314	
07:45			126	464	464	19:45			172	824	120	492
08:00			147	407	554	20:00			163	92	255	
08:15			173	403	576	20:15			151	84	235	
08:30			161	343	504	20:30			145	73	218	
08:45			122	603	418	20:45			161	620	69	318
09:00			146	273	419	21:00			123	89	212	
09:15			144	268	412	21:15			104	79	183	
09:30			132	288	420	21:30			119	100	219	
09:45			140	562	288	21:45			97	443	55	323
10:00			156	218	374	22:00			87	50	137	
10:15			182	224	406	22:15			95	55	150	
10:30			188	235	423	22:30			97	35	132	
10:45			178	704	231	22:45			63	342	61	201
11:00			196	250	446	23:00			67	34	101	
11:15			204	237	441	23:15			66	29	95	
11:30			229	213	442	23:30			66	37	103	
11:45			233	862	287	23:45			51	250	45	145
<b>TOTALS</b>			4212	9355	13567	<b>TOTALS</b>			11719	7935	19654	
<b>SPLIT %</b>			31.0%	69.0%	40.8%	<b>SPLIT %</b>			59.6%	40.4%	59.2%	

DAILY TOTALS					NB	SB	EB	WB	Total
					0	0	15,931	17,290	33,221

AM Peak Hour			11:45	07:30	07:30	PM Peak Hour			16:30	13:45	16:30
AM Pk Volume			1020	1716	2276	PM Pk Volume			1710	1049	2599
Pk Hr Factor			0.901	0.925	0.964	Pk Hr Factor			0.927	0.868	0.964
7 - 9 Volume	0	0	1067	3144	4211	4 - 6 Volume	0	0	3238	1796	5034
7 - 9 Peak Hour			07:45	07:30	07:30	4 - 6 Peak Hour			16:30	16:15	16:30
7 - 9 Pk Volume	0	0	607	1716	2276	4 - 6 Pk Volume	0	0	1710	908	2599
Pk Hr Factor	0.000	0.000	0.877	0.925	0.964	Pk Hr Factor	0.000	0.000	0.927	0.883	0.964



# VOLUME

El Segundo Blvd Bet. Inglewood Ave & Hawthorne Blvd

Day: Tuesday  
Date: 6/15/2021

City: Hawthorne  
Project #: CA21\_020179\_009

DAILY TOTALS					NB	SB						Total	
					0	0						23,882	
							EB	WB					
							12,449	11,433					
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL		
00:00			64	31	95	12:00			156	150	306		
00:15			41	32	73	12:15			173	160	333		
00:30			38	24	62	12:30			153	198	351		
00:45			37	180	25	12:45			149	631	321		
				112	62	292				172	680	1311	
01:00			31	26	57	13:00			193	171	364		
01:15			26	19	45	13:15			185	166	351		
01:30			28	18	46	13:30			195	165	360		
01:45			21	106	24	13:45			210	783	370		
				87	45	193				160	662	1445	
02:00			30	16	46	14:00			221	159	380		
02:15			12	13	25	14:15			213	175	388		
02:30			13	16	29	14:30			277	168	445		
02:45			13	68	16	14:45			278	989	434		
				61	29	129				156	658	1647	
03:00			8	21	29	15:00			277	161	438		
03:15			8	17	25	15:15			303	168	471		
03:30			11	30	41	15:30			308	183	491		
03:45			16	43	21	15:45			283	1171	475		
				89	37	132				192	704	1875	
04:00			20	40	60	16:00			283	171	454		
04:15			21	26	47	16:15			314	158	472		
04:30			20	57	77	16:30			274	168	442		
04:45			24	85	51	16:45			318	1189	486		
				174	75	259				168	665	1854	
05:00			32	57	89	17:00			253	181	434		
05:15			32	58	90	17:15			331	183	514		
05:30			29	112	141	17:30			274	157	431		
05:45			61	154	116	17:45			294	1152	458		
				343	177	497				164	685	1837	
06:00			59	126	185	18:00			270	175	445		
06:15			60	134	194	18:15			255	140	395		
06:30			59	166	225	18:30			202	178	380		
06:45			67	245	185	18:45			206	933	348		
				611	252	856				142	635	1568	
07:00			97	162	259	19:00			187	130	317		
07:15			80	220	300	19:15			143	115	258		
07:30			97	227	324	19:30			168	149	317		
07:45			110	384	195	19:45			132	630	234		
				804	305	1188				102	496	1126	
08:00			120	204	324	20:00			132	111	243		
08:15			136	195	331	20:15			144	102	246		
08:30			146	217	363	20:30			121	92	213		
08:45			139	541	217	20:45			105	502	217		
				833	356	1374				112	417	919	
09:00			121	151	272	21:00			121	78	199		
09:15			122	140	262	21:15			104	87	191		
09:30			126	175	301	21:30			91	78	169		
09:45			145	514	168	21:45			109	425	172		
				634	313	1148				63	306	731	
10:00			122	166	288	22:00			91	62	153		
10:15			121	166	287	22:15			66	66	132		
10:30			133	164	297	22:30			89	60	149		
10:45			148	524	163	22:45			57	303	104		
				659	311	1183				47	235	538	
11:00			162	188	350	23:00			73	33	106		
11:15			157	172	329	23:15			59	41	100		
11:30			149	150	299	23:30			60	39	99		
11:45			187	655	220	23:45			50	242	90		
				730	407	1385				40	153	395	
<b>TOTALS</b>				3499	5137	<b>8636</b>	<b>TOTALS</b>			8950	6296	<b>15246</b>	
<b>SPLIT %</b>				40.5%	59.5%	<b>36.2%</b>	<b>SPLIT %</b>			58.7%	41.3%	<b>63.8%</b>	

DAILY TOTALS					NB	SB						Total	
					0	0						23,882	
							EB	WB					
							12,449	11,433					
AM Peak Hour			11:45	07:15	11:45	PM Peak Hour			16:00	15:15	15:30		
AM Pk Volume			669	846	1397	PM Pk Volume			1189	714	1892		
Pk Hr Factor			0.894	0.932	0.858	Pk Hr Factor			0.935	0.930	0.963		
7 - 9 Volume	0	0	925	1637	2562	4 - 6 Volume	0	0	2341	1350	3691		
7 - 9 Peak Hour			08:00	07:15	08:00	4 - 6 Peak Hour			16:00	16:30	16:30		
7 - 9 Pk Volume	0	0	541	846	1374	4 - 6 Pk Volume	0	0	1189	700	1876		
Pk Hr Factor	0.000	0.000	0.926	0.932	0.946	Pk Hr Factor	0.000	0.000	0.935	0.956	0.912		

# VOLUME

El Segundo Blvd Bet. Hawthorne Blvd & Prairie Ave

Day: Tuesday  
Date: 6/15/2021

City: Hawthorne  
Project #: CA21\_020179\_010

DAILY TOTALS					NB	SB						Total
					0	0						25,303
							13,093					12,210
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL	
00:00			58	32	90	12:00			160	213	373	
00:15			48	33	81	12:15			159	153	312	
00:30			41	24	65	12:30			185	209	394	
00:45			43	190	21	110	12:45		190	694	195	770
01:00			33	18	51	13:00			187	205	392	
01:15			22	19	41	13:15			213	160	373	
01:30			31	29	60	13:30			206	200	406	
01:45			25	111	13	79	13:45		195	801	182	747
02:00			27	23	50	14:00			204	170	374	
02:15			10	14	24	14:15			218	206	424	
02:30			15	20	35	14:30			275	187	462	
02:45			12	64	17	74	14:45		281	978	175	738
03:00			5	17	22	15:00			301	200	501	
03:15			14	13	27	15:15			277	174	451	
03:30			11	25	36	15:30			319	203	522	
03:45			16	46	25	80	15:45		272	1169	197	774
04:00			20	42	62	16:00			312	200	512	
04:15			18	28	46	16:15			310	177	487	
04:30			24	40	64	16:30			312	195	507	
04:45			33	95	54	164	16:45		293	1227	188	760
05:00			32	46	78	17:00			281	220	501	
05:15			40	57	97	17:15			312	188	500	
05:30			36	93	129	17:30			293	192	485	
05:45			61	169	125	321	17:45		302	1188	179	779
06:00			76	111	187	18:00			275	178	453	
06:15			64	142	206	18:15			246	159	405	
06:30			65	161	226	18:30			238	179	417	
06:45			68	273	159	573	18:45		218	977	160	676
07:00			102	164	266	19:00			181	143	324	
07:15			81	207	288	19:15			182	140	322	
07:30			114	222	336	19:30			186	144	330	
07:45			124	421	204	797	19:45		145	694	122	549
08:00			157	221	378	20:00			147	126	273	
08:15			152	202	354	20:15			144	101	245	
08:30			147	208	355	20:30			139	117	256	
08:45			148	604	240	871	20:45		120	550	96	440
09:00			122	155	277	21:00			131	110	241	
09:15			117	162	279	21:15			112	93	205	
09:30			146	156	302	21:30			83	93	176	
09:45			157	542	182	655	21:45		142	468	64	360
10:00			124	191	315	22:00			104	74	178	
10:15			161	178	339	22:15			73	68	141	
10:30			127	168	295	22:30			94	69	163	
10:45			152	564	186	723	22:45		70	341	53	264
11:00			184	207	391	23:00			76	50	126	
11:15			146	195	341	23:15			64	28	92	
11:30			156	167	323	23:30			57	44	101	
11:45			193	679	170	739	23:45		51	248	45	167
<b>TOTALS</b>			3758	5186	8944	<b>TOTALS</b>			9335	7024	16359	
<b>SPLIT %</b>			42.0%	58.0%	35.3%	<b>SPLIT %</b>			57.1%	42.9%	64.7%	

DAILY TOTALS					NB	SB						Total
					0	0						25,303
							13,093					12,210

AM Peak Hour			11:45	08:00	08:00	PM Peak Hour			16:00	16:30	15:30
AM Pk Volume			697	871	1475	PM Pk Volume			1227	791	1990
Pk Hr Factor			0.903	0.907	0.950	Pk Hr Factor			0.983	0.899	0.953
7 - 9 Volume	0	0	1025	1668	2693	4 - 6 Volume	0	0	2415	1539	3954
7 - 9 Peak Hour			08:00	08:00	08:00	4 - 6 Peak Hour			16:00	16:30	16:30
7 - 9 Pk Volume	0	0	604	871	1475	4 - 6 Pk Volume	0	0	1227	791	1989
Pk Hr Factor	0.000	0.000	0.962	0.907	0.950	Pk Hr Factor	0.000	0.000	0.983	0.899	0.981

# VOLUME

El Segundo Blvd Bet. Prairie Ave & Yukon Ave

Day: Thursday  
Date: 6/17/2021

City: Hawthorne  
Project #: CA21\_020179\_011

DAILY TOTALS					NB	SB						Total
					0	0						27,779
							13,973			13,806		
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL	
00:00			39	49	88	12:00			198	219	417	
00:15			36	49	85	12:15			202	218	420	
00:30			39	40	79	12:30			196	207	403	
00:45			22	136	36	12:45			212	808	181	825
01:00			25	39	64	13:00			184	211	395	
01:15			25	34	59	13:15			177	197	374	
01:30			23	25	48	13:30			241	228	469	
01:45			29	102	26	124	13:45		203	805	217	853
02:00			27	30	57	14:00			271	192	463	
02:15			16	30	46	14:15			237	220	457	
02:30			14	15	29	14:30			260	202	462	
02:45			12	69	27	102	14:45		273	1041	216	830
03:00			10	23	33	15:00			289	240	529	
03:15			14	22	36	15:15			309	175	484	
03:30			19	29	48	15:30			275	244	519	
03:45			18	61	24	98	15:45		298	1171	207	866
04:00			16	25	41	16:00			315	200	515	
04:15			24	30	54	16:15			369	189	558	
04:30			26	42	68	16:30			354	244	598	
04:45			39	105	51	148	16:45		355	1393	217	850
05:00			38	51	89	17:00			339	225	564	
05:15			38	50	88	17:15			333	237	570	
05:30			48	86	134	17:30			304	208	512	
05:45			59	183	106	293	17:45		296	1272	187	857
06:00			67	125	192	18:00			286	223	509	
06:15			99	177	276	18:15			297	175	472	
06:30			87	171	258	18:30			258	178	436	
06:45			102	355	190	663	18:45		218	1059	172	748
07:00			131	174	305	19:00			211	176	387	
07:15			98	242	340	19:15			217	141	358	
07:30			126	230	356	19:30			173	153	326	
07:45			139	494	238	884	19:45		154	755	155	625
08:00			172	223	395	20:00			144	160	304	
08:15			148	232	380	20:15			148	130	278	
08:30			133	236	369	20:30			141	113	254	
08:45			150	603	202	893	20:45		129	562	102	505
09:00			132	206	338	21:00			136	136	272	
09:15			140	189	329	21:15			110	98	208	
09:30			154	199	353	21:30			87	120	207	
09:45			156	582	198	792	21:45		105	438	75	429
10:00			156	197	353	22:00			98	84	182	
10:15			167	190	357	22:15			90	91	181	
10:30			154	221	375	22:30			72	98	170	
10:45			183	660	186	794	22:45		74	334	95	368
11:00			141	190	331	23:00			82	84	166	
11:15			181	199	380	23:15			68	72	140	
11:30			193	207	400	23:30			74	61	135	
11:45			204	719	214	810	23:45		42	266	58	275
<b>TOTALS</b>				4069	5775	<b>9844</b>	<b>TOTALS</b>			9904	8031	<b>17935</b>
<b>SPLIT %</b>				41.3%	58.7%	<b>35.4%</b>	<b>SPLIT %</b>			55.2%	44.8%	<b>64.6%</b>

DAILY TOTALS					NB	SB						Total
					0	0						27,779
							13,973			13,806		

AM Peak Hour			11:45	07:15	11:45	PM Peak Hour			16:15	16:30	16:30
AM Pk Volume			800	933	1658	PM Pk Volume			1417	923	2304
Pk Hr Factor			0.980	0.964	0.987	Pk Hr Factor			0.960	0.946	0.963
7 - 9 Volume	0	0	1097	1777	2874	4 - 6 Volume	0	0	2665	1707	4372
7 - 9 Peak Hour			08:00	07:15	07:45	4 - 6 Peak Hour			16:15	16:30	16:30
7 - 9 Pk Volume	0	0	603	933	1521	4 - 6 Pk Volume	0	0	1417	923	2304
Pk Hr Factor	0.000	0.000	0.876	0.964	0.963	Pk Hr Factor	0.000	0.000	0.960	0.946	0.963

# VOLUME

El Segundo Blvd Bet. Yukon Ave & Crenshaw Blvd

Day: Thursday  
Date: 6/17/2021

City: Hawthorne  
Project #: CA21\_020179\_012

DAILY TOTALS					NB	SB						Total	
					0	0						29,633	
							EB	WB					
							14,957	14,676					
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL	
00:00			40	59	99		12:00			206	219	425	
00:15			32	61	93		12:15			204	211	415	
00:30			26	45	71		12:30			203	208	411	
00:45			36	134	38	203	12:45			210	823	214	852
01:00			24	42	66		13:00			189	225	414	
01:15			20	43	63		13:15			192	201	393	
01:30			53	32	85		13:30			230	220	450	
01:45			52	149	38	155	13:45			241	852	196	842
02:00			52	34	86		14:00			243	219	462	
02:15			28	29	57		14:15			277	196	473	
02:30			33	26	59		14:30			275	191	466	
02:45			28	141	38	127	14:45			276	1071	238	844
03:00			24	22	46		15:00			321	251	572	
03:15			25	48	73		15:15			307	213	520	
03:30			23	42	65		15:30			369	213	582	
03:45			24	96	27	139	15:45			329	1326	188	865
04:00			23	41	64		16:00			349	219	568	
04:15			32	57	89		16:15			349	215	564	
04:30			34	80	114		16:30			385	229	614	
04:45			44	133	108	286	16:45			382	1465	239	902
05:00			49	95	144		17:00			346	221	567	
05:15			45	69	114		17:15			349	226	575	
05:30			83	95	178		17:30			319	213	532	
05:45			66	243	141	400	17:45			303	1317	203	863
06:00			81	149	230		18:00			313	216	529	
06:15			109	170	279		18:15			335	235	570	
06:30			113	186	299		18:30			268	186	454	
06:45			103	406	230	735	18:45			191	1107	173	810
07:00			162	219	381		19:00			242	164	406	
07:15			112	249	361		19:15			195	157	352	
07:30			133	232	365		19:30			195	170	365	
07:45			176	583	303	1003	19:45			176	808	149	640
08:00			185	265	450		20:00			159	176	335	
08:15			157	235	392		20:15			156	153	309	
08:30			170	253	423		20:30			148	131	279	
08:45			179	691	254	1007	20:45			108	571	106	566
09:00			159	211	370		21:00			109	119	228	
09:15			168	201	369		21:15			109	107	216	
09:30			150	193	343		21:30			82	118	200	
09:45			157	634	215	820	21:45			104	404	91	435
10:00			151	195	346		22:00			102	78	180	
10:15			162	153	315		22:15			93	93	186	
10:30			152	213	365		22:30			88	84	172	
10:45			178	643	170	731	22:45			71	354	77	332
11:00			146	207	353		23:00			102	88	190	
11:15			184	204	388		23:15			62	76	138	
11:30			204	191	395		23:30			65	67	132	
11:45			197	731	206	808	23:45			46	275	80	311
<b>TOTALS</b>				4584	6414	<b>10998</b>	<b>TOTALS</b>			10373	8262	<b>18635</b>	
<b>SPLIT %</b>				41.7%	58.3%	<b>37.1%</b>	<b>SPLIT %</b>			55.7%	44.3%	<b>62.9%</b>	

DAILY TOTALS					NB	SB						Total	
					0	0						29,633	
							EB	WB					
							14,957	14,676					
AM Peak Hour			11:30	07:45	07:45	PM Peak Hour			16:00	14:45	16:30		
AM Pk Volume			811	1056	1744	PM Pk Volume			1465	915	2377		
Pk Hr Factor			0.984	0.871	0.910	Pk Hr Factor			0.951	0.911	0.957		
7 - 9 Volume	0	0	1274	2010	3284	4 - 6 Volume	0	0	2782	1765	4547		
7 - 9 Peak Hour			08:00	07:45	07:45	4 - 6 Peak Hour			16:00	16:30	16:30		
7 - 9 Pk Volume	0	0	691	1056	1744	4 - 6 Pk Volume	0	0	1465	915	2377		
Pk Hr Factor	0.000	0.000	0.934	0.871	0.910	Pk Hr Factor	0.000	0.000	0.951	0.957	0.957		

### VOLUME

El Segundo Blvd Bet. Crenshaw Blvd & Van Ness Ave

Day: Thursday  
Date: 6/17/2021

City: Hawthorne  
Project #: CA21\_020179\_013

DAILY TOTALS					NB	SB						Total		
					0	0						25,890		
							13,351					12,539		
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL			
00:00			40	53	93	12:00			162	192	354			
00:15			27	58	85	12:15			188	174	362			
00:30			30	42	72	12:30			160	174	334			
00:45			24	121	38	12:45			154	664	165	705	319	1369
01:00			22	38	60	13:00			201	186	387			
01:15			17	30	47	13:15			195	172	367			
01:30			30	39	69	13:30			197	178	375			
01:45			37	106	36	13:45			236	829	174	710	410	1539
02:00			41	22	63	14:00			238	160	398			
02:15			26	27	53	14:15			230	159	389			
02:30			34	21	55	14:30			245	169	414			
02:45			13	114	31	14:45			297	1010	202	690	499	1700
03:00			19	18	37	15:00			275	183	458			
03:15			12	35	47	15:15			298	157	455			
03:30			20	38	58	15:30			314	167	481			
03:45			15	66	28	15:45			320	1207	158	665	478	1872
04:00			19	41	60	16:00			299	165	464			
04:15			27	47	74	16:15			368	162	530			
04:30			40	73	113	16:30			333	192	525			
04:45			52	138	124	16:45			349	1349	194	713	543	2062
05:00			37	80	117	17:00			385	201	586			
05:15			35	66	101	17:15			355	201	556			
05:30			69	94	163	17:30			335	170	505			
05:45			51	192	126	17:45			278	1353	182	754	460	2107
06:00			66	130	196	18:00			310	149	459			
06:15			71	188	259	18:15			333	142	475			
06:30			77	188	265	18:30			242	143	385			
06:45			83	297	236	18:45			207	1092	135	569	342	1661
07:00			97	248	345	19:00			217	135	352			
07:15			102	227	329	19:15			161	126	287			
07:30			111	246	357	19:30			169	124	293			
07:45			140	450	274	19:45			149	696	125	510	274	1206
08:00			123	272	395	20:00			130	105	235			
08:15			113	217	330	20:15			140	98	238			
08:30			131	199	330	20:30			128	93	221			
08:45			164	531	221	20:45			106	504	85	381	191	885
09:00			133	192	325	21:00			109	94	203			
09:15			162	168	330	21:15			92	80	172			
09:30			134	196	330	21:30			76	80	156			
09:45			139	568	187	21:45			95	372	71	325	166	697
10:00			129	167	296	22:00			84	71	155			
10:15			170	164	334	22:15			79	93	172			
10:30			180	174	354	22:30			64	86	150			
10:45			154	633	138	22:45			62	289	71	321	133	610
11:00			117	168	285	23:00			62	82	144			
11:15			160	159	319	23:15			60	74	134			
11:30			117	157	274	23:30			47	64	111			
11:45			174	568	173	23:45			33	202	82	302	115	504
<b>TOTALS</b>				3784	5894	<b>9678</b>	<b>TOTALS</b>			9567	6645	<b>16212</b>		
<b>SPLIT %</b>				39.1%	60.9%	<b>37.4%</b>	<b>SPLIT %</b>			59.0%	41.0%	<b>62.6%</b>		

DAILY TOTALS					NB	SB						Total
					0	0						25,890
							13,351					12,539

AM Peak Hour			11:45	07:15	07:30	PM Peak Hour			16:15	16:30	16:30
AM Pk Volume			684	1019	1496	PM Pk Volume			1435	788	2210
Pk Hr Factor			0.910	0.930	0.903	Pk Hr Factor			0.932	0.980	0.943
7 - 9 Volume	0	0	981	1904	2885	4 - 6 Volume	0	0	2702	1467	4169
7 - 9 Peak Hour			08:00	07:15	07:30	4 - 6 Peak Hour			16:15	16:30	16:30
7 - 9 Pk Volume	0	0	531	1019	1496	4 - 6 Pk Volume	0	0	1435	788	2210
Pk Hr Factor	0.000	0.000	0.809	0.930	0.903	Pk Hr Factor	0.000	0.000	0.932	0.980	0.943

# VOLUME

135th St Bet. Aviation Blvd & Isis Ave

Day: Wednesday  
Date: 6/16/2021

City: Hawthorne  
Project #: CA21\_020179\_014

DAILY TOTALS					NB	SB	EB		WB	Total	
					0	0	2,556	2,874	5,430		
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
00:00			1	5	6	12:00			46	42	88
00:15			0	0	0	12:15			47	42	89
00:30			0	5	5	12:30			48	50	98
00:45			2	3	5	12:45			51	192	243
01:00			1	2	3	13:00			35	44	79
01:15			1	3	4	13:15			47	60	107
01:30			0	1	1	13:30			55	59	114
01:45			1	3	2	13:45			60	197	257
02:00			2	1	3	14:00			36	50	86
02:15			0	0	0	14:15			36	37	73
02:30			3	0	3	14:30			36	69	105
02:45			1	6	7	14:45			50	158	208
03:00			1	0	1	15:00			55	72	127
03:15			0	0	0	15:15			45	66	111
03:30			0	0	0	15:30			37	73	110
03:45			4	5	9	15:45			30	167	197
04:00			3	0	3	16:00			41	78	119
04:15			2	1	3	16:15			46	82	128
04:30			8	0	8	16:30			41	98	139
04:45			10	23	33	16:45			29	157	186
05:00			2	1	3	17:00			38	82	120
05:15			11	1	12	17:15			46	87	133
05:30			12	3	15	17:30			43	70	113
05:45			21	46	67	17:45			37	164	201
06:00			17	5	22	18:00			37	67	104
06:15			26	6	32	18:15			25	59	84
06:30			30	6	36	18:30			31	48	79
06:45			44	117	161	18:45			23	116	139
07:00			41	14	55	19:00			25	38	63
07:15			46	12	58	19:15			21	32	53
07:30			50	12	62	19:30			15	24	39
07:45			73	210	283	19:45			17	78	95
08:00			41	19	60	20:00			20	30	50
08:15			70	27	97	20:15			22	26	48
08:30			48	24	72	20:30			28	24	52
08:45			48	207	255	20:45			14	84	98
09:00			43	30	73	21:00			9	24	33
09:15			35	20	55	21:15			14	21	35
09:30			48	33	81	21:30			12	27	39
09:45			46	172	218	21:45			10	45	55
10:00			50	48	98	22:00			4	19	23
10:15			29	38	67	22:15			5	7	12
10:30			37	20	57	22:30			9	10	19
10:45			45	161	206	22:45			2	20	22
11:00			34	42	76	23:00			1	8	9
11:15			67	42	109	23:15			3	8	11
11:30			57	54	111	23:30			4	8	12
11:45			56	214	270	23:45			3	11	14
<b>TOTALS</b>			1167	711	1878	<b>TOTALS</b>			1389	2163	3552
<b>SPLIT %</b>			62.1%	37.9%	34.6%	<b>SPLIT %</b>			39.1%	60.9%	65.4%

DAILY TOTALS					NB	SB	EB		WB	Total	
					0	0	2,556	2,874	5,430		
AM Peak Hour			07:30	11:00	11:15	PM Peak Hour			13:15	16:30	16:30
AM Pk Volume			234	207	433	PM Pk Volume			198	349	503
Pk Hr Factor			0.801	0.750	0.866	Pk Hr Factor			0.825	0.890	0.905
7 - 9 Volume	0	0	417	163	580	4 - 6 Volume	0	0	321	647	968
7 - 9 Peak Hour			07:30	08:00	07:45	4 - 6 Peak Hour			17:00	16:30	16:30
7 - 9 Pk Volume	0	0	234	99	328	4 - 6 Pk Volume	0	0	164	349	503
Pk Hr Factor	0.800	0.800	0.801	0.853	0.828	Pk Hr Factor	0.800	0.800	0.891	0.890	0.905

# VOLUME

135th St Bet. Isis Ave & Glasgow Pl

Day: Wednesday  
Date: 6/16/2021

City: Hawthorne  
Project #: CA21\_020179\_015

DAILY TOTALS					NB	SB			EB	WB	Total		
					0	0			2,965	2,379	5,344		
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL		
00:00			6	2	8	12:00			53	40	93		
00:15			2	2	4	12:15			43	45	88		
00:30			4	1	5	12:30			42	43	85		
00:45			3	15	3	12:45		8	35	173	42	170	343
01:00			2	1	3	13:00			52	31	83		
01:15			4	1	5	13:15			48	46	94		
01:30			0	0	0	13:30			61	60	121		
01:45			1	7	1	13:45		3	60	221	60	197	418
02:00			3	0	3	14:00			72	32	104		
02:15			0	1	1	14:15			45	34	79		
02:30			1	2	3	14:30			62	34	96		
02:45			0	4	1	14:45		4	66	245	47	147	392
03:00			0	1	1	15:00			74	51	125		
03:15			0	1	1	15:15			94	52	146		
03:30			0	0	0	15:30			73	32	105		
03:45			1	1	4	15:45		6	69	310	34	169	479
04:00			0	3	3	16:00			81	30	111		
04:15			0	2	2	16:15			73	40	113		
04:30			0	7	7	16:30			99	33	132		
04:45			3	3	11	16:45		23	75	328	30	133	461
05:00			1	2	3	17:00			89	38	127		
05:15			3	8	11	17:15			86	35	121		
05:30			2	12	14	17:30			72	36	108		
05:45			3	9	15	17:45		37	67	314	31	140	454
06:00			5	18	23	18:00			77	34	111		
06:15			7	18	25	18:15			52	29	81		
06:30			3	24	27	18:30			47	31	78		
06:45			5	20	41	18:45		101	43	219	25	119	338
07:00			14	34	48	19:00			52	20	72		
07:15			14	45	59	19:15			38	24	62		
07:30			13	44	57	19:30			25	13	38		
07:45			19	60	65	19:45		188	36	151	17	74	225
08:00			20	42	62	20:00			31	19	50		
08:15			30	55	85	20:15			28	18	46		
08:30			27	50	77	20:30			28	19	47		
08:45			30	107	40	20:45		187	32	119	10	66	185
09:00			22	40	62	21:00			21	8	29		
09:15			17	41	58	21:15			23	15	38		
09:30			24	52	76	21:30			22	11	33		
09:45			39	102	66	21:45		199	29	95	7	41	136
10:00			47	52	99	22:00			18	4	22		
10:15			37	30	67	22:15			11	5	16		
10:30			19	35	54	22:30			13	10	23		
10:45			27	130	35	22:45		152	13	55	1	20	75
11:00			38	36	74	23:00			10	2	12		
11:15			78	61	139	23:15			8	4	12		
11:30			72	47	119	23:30			12	4	16		
11:45			54	242	38	23:45		182	5	35	3	13	48
<b>TOTALS</b>				700	1090	<b>1790</b>	<b>TOTALS</b>			2265	1289	<b>3554</b>	
<b>SPLIT %</b>				39.1%	60.9%	<b>33.5%</b>	<b>SPLIT %</b>			63.7%	36.3%	<b>66.5%</b>	

DAILY TOTALS					NB	SB			EB	WB	Total
					0	0			2,965	2,379	5,344
AM Peak Hour			11:15	07:45	11:15	PM Peak Hour			16:30	13:15	14:45
AM Pk Volume			257	212	443	PM Pk Volume			349	198	489
Pk Hr Factor			0.824	0.815	0.797	Pk Hr Factor			0.881	0.825	0.837
7 - 9 Volume	0	0	167	375	542	4 - 6 Volume	0	0	642	273	915
7 - 9 Peak Hour			08:00	07:45	07:45	4 - 6 Peak Hour			16:30	16:15	16:30
7 - 9 Pk Volume	0	0	107	212	308	4 - 6 Pk Volume	0	0	349	141	485
Pk Hr Factor	0.000	0.000	0.892	0.815	0.906	Pk Hr Factor	0.000	0.000	0.881	0.881	0.919

### VOLUME

Rosecrans Ave Bet. Aviation Blvd & Hindry Ave

Day: Wednesday  
Date: 6/16/2021

City: Hawthorne  
Project #: CA21\_020179\_016

DAILY TOTALS					NB	SB	EB	WB	Total		
					0	0	23,290	25,433	48,723		
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
00:00			87	59	146	12:00			327	416	743
00:15			54	47	101	12:15			351	470	821
00:30			66	30	96	12:30			377	446	823
00:45			40	247	81	12:45		247	382	1437	813
				177	424				431	1763	3200
01:00			37	26	63	13:00			370	372	742
01:15			57	23	80	13:15			411	427	838
01:30			44	24	68	13:30			374	419	793
01:45			33	171	54	13:45		171	325	1480	738
				94	265				413	1631	3111
02:00			34	21	55	14:00			412	340	752
02:15			28	16	44	14:15			372	362	734
02:30			25	25	50	14:30			424	309	733
02:45			16	103	49	14:45		103	393	1601	731
				95	198				338	1349	2950
03:00			23	22	45	15:00			392	311	703
03:15			11	26	37	15:15			407	371	778
03:30			22	46	68	15:30			379	298	677
03:45			14	70	83	15:45		70	398	1576	758
				163	233				360	1340	2916
04:00			22	33	55	16:00			387	298	685
04:15			36	64	100	16:15			390	341	731
04:30			49	90	139	16:30			445	323	768
04:45			65	172	221	16:45		172	425	1647	769
				343	515				344	1306	2953
05:00			96	156	252	17:00			397	309	706
05:15			87	227	314	17:15			425	344	769
05:30			128	267	395	17:30			400	307	707
05:45			132	443	448	17:45		443	381	1603	711
				966	1409				330	1290	2893
06:00			166	224	390	18:00			395	339	734
06:15			115	210	325	18:15			431	338	769
06:30			147	335	482	18:30			358	309	667
06:45			144	572	515	18:45		572	366	1550	690
				1140	1712				324	1310	2860
07:00			150	399	549	19:00			361	310	671
07:15			175	427	602	19:15			351	317	668
07:30			184	478	662	19:30			349	328	677
07:45			223	732	745	19:45		732	335	1396	650
				1826	2558				315	1270	2666
08:00			235	478	713	20:00			352	301	653
08:15			277	418	695	20:15			317	288	605
08:30			275	501	776	20:30			360	234	594
08:45			280	1067	747	20:45		1067	307	1336	511
				1864	2931				204	1027	2363
09:00			300	379	679	21:00			320	184	504
09:15			313	397	710	21:15			284	192	476
09:30			277	396	673	21:30			275	168	443
09:45			309	1199	713	21:45		1199	234	1113	386
				1576	2775				152	696	1809
10:00			273	367	640	22:00			255	164	419
10:15			317	389	706	22:15			189	113	302
10:30			333	380	713	22:30			168	125	293
10:45			315	1238	776	22:45		1238	135	747	271
				1597	2835				136	538	1285
11:00			317	420	737	23:00			138	105	243
11:15			343	432	775	23:15			110	85	195
11:30			346	430	776	23:30			97	72	169
11:45			365	1371	824	23:45		1371	74	419	143
				1741	3112				69	331	750
<b>TOTALS</b>				7385	11582	<b>TOTALS</b>			15905	13851	<b>29756</b>
<b>SPLIT %</b>				38.9%	61.1%	<b>SPLIT %</b>			53.5%	46.5%	<b>61.1%</b>

DAILY TOTALS					NB	SB	EB	WB	Total		
					0	0	23,290	25,433	48,723		
AM Peak Hour			11:45	07:45	11:45	PM Peak Hour			16:30	12:00	12:30
AM Pk Volume			1420	1919	3211	PM Pk Volume			1692	1763	3216
Pk Hr Factor			0.942	0.919	0.974	Pk Hr Factor			0.951	0.938	0.959
7 - 9 Volume	0	0	1799	3690	5489	4 - 6 Volume	0	0	3250	2596	5846
7 - 9 Peak Hour			08:00	07:45	08:00	4 - 6 Peak Hour			16:30	16:30	16:30
7 - 9 Pk Volume	0	0	1067	1919	2931	4 - 6 Pk Volume	0	0	1692	1320	3012
Pk Hr Factor	0.000	0.000	0.953	0.919	0.944	Pk Hr Factor	0.000	0.000	0.951	0.959	0.979



### VOLUME

Rosecrans Ave Bet. I-405 Ramps & Inglewood Ave

Day: Thursday  
Date: 6/17/2021

City: Hawthorne  
Project #: CA21\_020179\_017

DAILY TOTALS					NB	SB					Total
					0	0	EB	WB			32,534
							16,382	16,152			
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
00:00			47	36	83	12:00			272	291	563
00:15			45	22	67	12:15			319	277	596
00:30			26	22	48	12:30			295	311	606
00:45			16	134	38	12:45			298	1184	263
				102	236				1142		561
01:00			17	16	33	13:00			256	299	555
01:15			21	13	34	13:15			320	241	561
01:30			14	25	39	13:30			275	271	546
01:45			17	69	28	13:45			312	1163	242
				65	134				1053		554
02:00			8	10	18	14:00			272	251	523
02:15			13	16	29	14:15			348	224	572
02:30			18	11	29	14:30			293	257	550
02:45			10	49	31	14:45			303	1216	259
				58	107				991		562
03:00			15	9	24	15:00			300	232	532
03:15			7	26	33	15:15			324	244	568
03:30			14	18	32	15:30			292	269	561
03:45			12	48	45	15:45			337	1253	251
				86	134				996		588
04:00			17	18	35	16:00			351	235	586
04:15			15	40	55	16:15			351	247	598
04:30			11	50	61	16:30			362	264	626
04:45			20	63	93	16:45			364	1428	237
				181	244				983		601
05:00			14	75	89	17:00			333	240	573
05:15			15	89	104	17:15			376	254	630
05:30			31	104	135	17:30			372	204	576
05:45			25	85	183	17:45			323	1404	252
				426	511				950		575
06:00			41	154	195	18:00			317	237	554
06:15			43	165	208	18:15			290	257	547
06:30			65	183	248	18:30			280	210	490
06:45			74	223	310	18:45			302	1189	208
				738	961				912		510
07:00			73	224	297	19:00			283	194	477
07:15			88	274	362	19:15			287	218	505
07:30			97	231	328	19:30			302	224	526
07:45			113	371	399	19:45			266	1138	185
				1015	1386				821		451
08:00			118	235	353	20:00			234	171	405
08:15			142	244	386	20:15			248	159	407
08:30			112	215	327	20:30			256	156	412
08:45			114	486	357	20:45			209	947	127
				937	1423				613		336
09:00			157	226	383	21:00			208	122	330
09:15			142	229	371	21:15			191	109	300
09:30			146	265	411	21:30			146	108	254
09:45			182	627	455	21:45			135	680	78
				993	1620				417		213
10:00			215	264	479	22:00			114	85	199
10:15			213	246	459	22:15			138	81	219
10:30			220	229	449	22:30			89	63	152
10:45			230	878	524	22:45			95	436	64
				1033	1911				293		159
11:00			239	293	532	23:00			74	50	124
11:15			290	260	550	23:15			74	42	116
11:30			246	315	561	23:30			56	47	103
11:45			273	1048	574	23:45			59	263	39
				1169	2217				178		98
TOTALS			4081	6803	10884	TOTALS			12301	9349	21650
SPLIT %			37.5%	62.5%	33.5%	SPLIT %			56.8%	43.2%	66.5%

DAILY TOTALS					NB	SB					Total
					0	0	EB	WB			32,534
							16,382	16,152			
AM Peak Hour			11:45	11:30	11:45	PM Peak Hour			16:45	12:15	16:30
AM Pk Volume			1159	1184	2339	PM Pk Volume			1445	1150	2430
Pk Hr Factor			0.908	0.940	0.965	Pk Hr Factor			0.961	0.924	0.964
7 - 9 Volume	0	0	857	1952	2809	4 - 6 Volume	0	0	2832	1933	4765
7 - 9 Peak Hour			08:00	07:15	07:30	4 - 6 Peak Hour			16:45	16:30	16:30
7 - 9 Pk Volume	0	0	486	1026	1466	4 - 6 Pk Volume	0	0	1445	995	2430
Pk Hr Factor	0.000	0.000	0.856	0.897	0.919	Pk Hr Factor	0.000	0.000	0.961	0.942	0.964

# VOLUME

Rosecrans Ave Bet. Prairie Ave & Yukon Ave

Day: Thursday  
Date: 6/17/2021

City: Hawthorne  
Project #: CA21\_020179\_018

DAILY TOTALS					NB	SB						Total	
					0	0						33,452	
							16,708					16,744	
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL	
00:00			41	50	91		12:00			240	297	537	
00:15			44	33	77		12:15			260	262	522	
00:30			27	26	53		12:30			240	227	467	
00:45			21	133	39	148	12:45			270	1010	271	1057
01:00			32	25	57		13:00			261	260	521	
01:15			18	25	43		13:15			246	242	488	
01:30			23	29	52		13:30			246	269	515	
01:45			26	99	15	94	13:45			324	1077	264	1035
02:00			17	21	38		14:00			279	279	558	
02:15			19	11	30		14:15			309	245	554	
02:30			20	18	38		14:30			322	273	595	
02:45			13	69	31	81	14:45			337	1247	249	1046
03:00			21	16	37		15:00			339	238	577	
03:15			12	23	35		15:15			377	284	661	
03:30			20	31	51		15:30			346	264	610	
03:45			21	74	31	101	15:45			311	1373	239	1025
04:00			19	20	39		16:00			344	242	586	
04:15			21	34	55		16:15			367	235	602	
04:30			27	57	84		16:30			372	255	627	
04:45			31	98	71	182	16:45			374	1457	245	977
05:00			25	63	88		17:00			371	284	655	
05:15			37	75	112		17:15			380	247	627	
05:30			46	93	139		17:30			382	278	660	
05:45			50	158	138	369	17:45			344	1477	283	1092
06:00			61	137	198		18:00			376	267	643	
06:15			51	173	224		18:15			323	293	616	
06:30			70	202	272		18:30			315	236	551	
06:45			77	259	230	742	18:45			328	1342	224	1020
07:00			90	250	340		19:00			266	224	490	
07:15			106	246	352		19:15			267	232	499	
07:30			100	223	323		19:30			278	230	508	
07:45			129	425	304	1023	19:45			268	1079	207	893
08:00			145	254	399		20:00			269	181	450	
08:15			124	258	382		20:15			238	189	427	
08:30			134	257	391		20:30			204	192	396	
08:45			164	567	256	1025	20:45			218	929	128	690
09:00			130	240	370		21:00			203	158	361	
09:15			145	218	363		21:15			203	167	370	
09:30			157	251	408		21:30			165	110	275	
09:45			171	603	270	979	21:45			152	723	110	545
10:00			172	274	446		22:00			139	110	249	
10:15			196	240	436		22:15			155	98	253	
10:30			204	208	412		22:30			106	81	187	
10:45			187	759	272	994	22:45			102	502	78	367
11:00			219	265	484		23:00			102	66	168	
11:15			250	262	512		23:15			82	66	148	
11:30			222	263	485		23:30			72	50	122	
11:45			239	930	245	1035	23:45			62	318	42	224
<b>TOTALS</b>				4174	6773	<b>10947</b>	<b>TOTALS</b>			12534	9971	<b>22505</b>	
<b>SPLIT %</b>				38.1%	61.9%	<b>32.7%</b>	<b>SPLIT %</b>			55.7%	44.3%	<b>67.3%</b>	

DAILY TOTALS					NB	SB						Total
					0	0						33,452
							16,708					16,744

AM Peak Hour			11:45	07:45	11:30	PM Peak Hour			16:45	17:30	17:00
AM Pk Volume			979	1073	2028	PM Pk Volume			1507	1121	2569
Pk Hr Factor			0.941	0.882	0.944	Pk Hr Factor			0.986	0.956	0.973
7 - 9 Volume	0	0	992	2048	3040	4 - 6 Volume	0	0	2934	2069	5003
7 - 9 Peak Hour			08:00	07:45	07:45	4 - 6 Peak Hour			16:45	17:00	17:00
7 - 9 Pk Volume	0	0	567	1073	1605	4 - 6 Pk Volume	0	0	1507	1092	2569
Pk Hr Factor	0.000	0.000	0.864	0.882	0.927	Pk Hr Factor	0.000	0.000	0.986	0.961	0.973

# VOLUME

Rosecrans Ave Bet. Yukon Ave & Crenshaw Blvd

Day: Thursday  
Date: 6/17/2021

City: Hawthorne  
Project #: CA21\_020179\_019

DAILY TOTALS					NB	SB						Total
					0	0						30,484
							EB	WB				
							15,873	14,611				
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL	
00:00			44	55	99	12:00			235	232	467	
00:15			35	53	88	12:15			223	222	445	
00:30			34	35	69	12:30			237	216	453	
00:45			20	133	153	12:45			239	934	1173	
01:00			31	39	70	13:00			257	189	446	
01:15			18	31	49	13:15			232	216	448	
01:30			17	21	38	13:30			235	208	443	
01:45			25	91	116	13:45			288	1012	1300	
02:00			26	29	55	14:00			256	225	481	
02:15			21	20	41	14:15			235	212	447	
02:30			30	22	52	14:30			303	244	547	
02:45			12	89	101	14:45			313	1107	1420	
03:00			21	18	39	15:00			298	206	504	
03:15			18	18	36	15:15			306	230	536	
03:30			25	26	51	15:30			332	241	573	
03:45			28	92	120	15:45			308	1244	1552	
04:00			18	21	39	16:00			317	205	522	
04:15			34	33	67	16:15			348	223	571	
04:30			45	33	78	16:30			318	255	573	
04:45			54	151	205	16:45			322	1305	1627	
05:00			48	42	90	17:00			357	276	633	
05:15			63	47	110	17:15			360	264	624	
05:30			73	64	137	17:30			356	257	613	
05:45			98	282	380	17:45			266	1339	1605	
06:00			94	96	190	18:00			313	244	557	
06:15			94	150	244	18:15			304	247	551	
06:30			119	137	256	18:30			268	195	463	
06:45			126	433	559	18:45			280	1165	1445	
07:00			126	194	320	19:00			253	210	463	
07:15			161	190	351	19:15			220	200	420	
07:30			165	191	356	19:30			210	208	418	
07:45			156	608	764	19:45			214	897	1111	
08:00			164	167	331	20:00			233	168	401	
08:15			162	218	380	20:15			212	203	415	
08:30			155	191	346	20:30			201	194	395	
08:45			187	668	855	20:45			178	824	1002	
09:00			155	190	345	21:00			157	163	320	
09:15			155	189	344	21:15			170	143	313	
09:30			182	200	382	21:30			130	140	270	
09:45			176	668	844	21:45			111	568	679	
10:00			193	206	399	22:00			127	101	228	
10:15			174	162	336	22:15			109	108	217	
10:30			193	173	366	22:30			89	112	201	
10:45			192	752	944	22:45			86	411	497	
11:00			189	212	401	23:00			83	98	181	
11:15			226	203	429	23:15			71	85	156	
11:30			209	224	433	23:30			70	87	157	
11:45			201	825	1026	23:45			51	275	326	
<b>TOTALS</b>			4792	5401	10193	<b>TOTALS</b>			11081	9210	20291	
<b>SPLIT %</b>			47.0%	53.0%	33.4%	<b>SPLIT %</b>			54.6%	45.4%	66.6%	

DAILY TOTALS					NB	SB						Total
					0	0						30,484
							EB	WB				
							15,873	14,611				
AM Peak Hour			11:45	11:30	11:45	PM Peak Hour			16:45	17:00	16:45	
AM Pk Volume			896	901	1789	PM Pk Volume			1395	1064	2425	
Pk Hr Factor			0.945	0.971	0.958	Pk Hr Factor			0.969	0.964	0.958	
7 - 9 Volume	0	0	1276	1554	2830	4 - 6 Volume	0	0	2644	1980	4624	
7 - 9 Peak Hour			08:00	07:30	07:30	4 - 6 Peak Hour			16:45	17:00	16:45	
7 - 9 Pk Volume	0	0	668	789	1436	4 - 6 Pk Volume	0	0	1395	1064	2425	
Pk Hr Factor	0.000	0.000	0.893	0.905	0.945	Pk Hr Factor	0.000	0.000	0.969	0.964	0.958	

### VOLUME

#### Marine Ave Bet. Aviation Blvd & I-405 Ramps

Day: Thursday  
Date: 6/17/2021

City: Hawthorne  
Project #: CA21\_020179\_020

DAILY TOTALS					NB	SB	EB	WB	Total		
					0	0	9,682	9,328	19,010		
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
00:00			15	10	25	12:00			158	185	343
00:15			17	7	24	12:15			152	147	299
00:30			12	7	19	12:30			184	156	340
00:45			12	56	6	12:45			169	663	832
01:00			9	5	14	13:00			183	177	360
01:15			7	5	12	13:15			181	152	333
01:30			8	2	10	13:30			175	153	328
01:45			4	28	1	13:45			179	718	897
02:00			7	4	11	14:00			195	137	332
02:15			4	2	6	14:15			168	124	292
02:30			5	3	8	14:30			210	152	362
02:45			6	22	5	14:45			212	785	997
03:00			5	5	10	15:00			221	158	379
03:15			3	5	8	15:15			206	140	346
03:30			6	5	11	15:30			234	158	392
03:45			2	16	20	15:45			209	870	1079
04:00			4	11	15	16:00			224	136	360
04:15			7	16	23	16:15			218	132	350
04:30			8	23	31	16:30			252	161	413
04:45			22	41	43	16:45			222	916	1138
05:00			14	55	69	17:00			234	145	379
05:15			18	41	59	17:15			250	117	367
05:30			23	52	75	17:30			229	122	351
05:45			30	85	74	17:45			231	944	1175
06:00			32	66	98	18:00			217	127	344
06:15			41	67	108	18:15			174	94	268
06:30			41	95	136	18:30			162	113	275
06:45			44	158	144	18:45			157	710	867
07:00			55	148	203	19:00			137	101	238
07:15			48	182	230	19:15			134	101	235
07:30			58	214	272	19:30			132	104	236
07:45			75	236	254	19:45			110	513	623
08:00			80	203	283	20:00			111	75	186
08:15			89	217	306	20:15			93	73	166
08:30			86	202	288	20:30			85	59	144
08:45			102	357	197	20:45			95	384	479
09:00			117	167	284	21:00			81	55	136
09:15			130	175	305	21:15			83	56	139
09:30			122	148	270	21:30			59	47	106
09:45			139	508	181	21:45			57	280	337
10:00			130	162	292	22:00			64	34	98
10:15			130	144	274	22:15			48	27	75
10:30			117	165	282	22:30			44	21	65
10:45			111	488	158	22:45			39	195	234
11:00			148	166	314	23:00			39	22	61
11:15			141	175	316	23:15			31	12	43
11:30			133	167	300	23:30			19	14	33
11:45			170	592	157	23:45			28	117	145
<b>TOTALS</b>			2587	4361	6948	<b>TOTALS</b>			7095	4967	12062
<b>SPLIT %</b>			37.2%	62.8%	36.5%	<b>SPLIT %</b>			58.8%	41.2%	63.5%

DAILY TOTALS					NB	SB	EB	WB	Total		
					0	0	9,682	9,328	19,010		
AM Peak Hour			11:45	07:30	11:45	PM Peak Hour			16:30	12:00	16:30
AM Pk Volume			664	888	1309	PM Pk Volume			958	689	1494
Pk Hr Factor			0.902	0.874	0.954	Pk Hr Factor			0.950	0.857	0.904
7 - 9 Volume	0	0	593	1617	2210	4 - 6 Volume	0	0	1860	1065	2925
7 - 9 Peak Hour			08:00	07:30	07:45	4 - 6 Peak Hour			16:30	16:15	16:30
7 - 9 Pk Volume	0	0	357	888	1206	4 - 6 Pk Volume	0	0	958	551	1494
Pk Hr Factor	0.000	0.000	0.875	0.874	0.916	Pk Hr Factor	0.000	0.000	0.950	0.856	0.904

### VOLUME

Marine Ave Bet. Prairie Ave & Yukon Ave

Day: Thursday  
Date: 6/17/2021

City: Hawthorne  
Project #: CA21\_020179\_021

DAILY TOTALS					NB	SB						Total
					0	0						19,752
							9,944			9,808		
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL	
00:00			15	17	32	12:00			122	156	278	
00:15			20	10	30	12:15			144	162	306	
00:30			15	11	26	12:30			142	138	280	
00:45			12	62	74	12:45			146	554	700	
01:00			10	10	20	13:00			135	132	267	
01:15			12	5	17	13:15			139	127	266	
01:30			12	4	16	13:30			151	154	305	
01:45			7	41	48	13:45			175	600	775	
02:00			10	13	23	14:00			187	171	358	
02:15			5	6	11	14:15			193	132	325	
02:30			4	7	11	14:30			174	146	320	
02:45			10	29	39	14:45			233	787	1020	
03:00			12	8	20	15:00			200	120	320	
03:15			6	10	16	15:15			240	150	390	
03:30			8	12	20	15:30			222	163	385	
03:45			9	35	44	15:45			251	913	1164	
04:00			3	7	10	16:00			251	143	394	
04:15			7	14	21	16:15			241	167	408	
04:30			12	38	50	16:30			292	139	431	
04:45			19	41	60	16:45			260	1044	1304	
05:00			18	42	60	17:00			217	157	374	
05:15			19	57	76	17:15			267	142	409	
05:30			28	61	89	17:30			258	170	428	
05:45			35	100	135	17:45			243	985	1228	
06:00			29	88	117	18:00			206	157	363	
06:15			41	102	143	18:15			222	131	353	
06:30			51	136	187	18:30			220	154	374	
06:45			54	175	229	18:45			181	829	1010	
07:00			43	151	194	19:00			140	117	257	
07:15			67	155	222	19:15			177	141	318	
07:30			70	195	265	19:30			146	121	267	
07:45			83	263	346	19:45			122	585	707	
08:00			85	182	267	20:00			149	108	257	
08:15			97	154	251	20:15			121	84	205	
08:30			87	170	257	20:30			119	87	206	
08:45			91	360	451	20:45			103	492	595	
09:00			80	145	225	21:00			108	79	187	
09:15			83	163	246	21:15			104	72	176	
09:30			100	171	271	21:30			80	64	144	
09:45			83	346	429	21:45			93	385	478	
10:00			96	148	244	22:00			77	65	142	
10:15			88	124	212	22:15			61	40	101	
10:30			110	128	238	22:30			59	43	102	
10:45			115	409	524	22:45			64	261	325	
11:00			111	166	277	23:00			52	41	93	
11:15			136	158	294	23:15			39	28	67	
11:30			116	163	279	23:30			39	21	60	
11:45			131	494	625	23:45			24	154	178	
<b>TOTALS</b>			2355	4196	6551	<b>TOTALS</b>			7589	5612	13201	
<b>SPLIT %</b>			35.9%	64.1%	33.2%	<b>SPLIT %</b>			57.5%	42.5%	66.8%	

DAILY TOTALS					NB	SB						Total
					0	0						19,752
							9,944			9,808		
AM Peak Hour			11:45	07:15	11:45	PM Peak Hour			16:00	15:30	16:00	
AM Pk Volume			539	743	1175	PM Pk Volume			1044	640	1656	
Pk Hr Factor			0.936	0.880	0.945	Pk Hr Factor			0.894	0.958	0.961	
7 - 9 Volume	0	0	623	1379	2002	4 - 6 Volume	0	0	2029	1249	3278	
7 - 9 Peak Hour			08:00	07:15	07:30	4 - 6 Peak Hour			16:00	17:00	16:00	
7 - 9 Pk Volume	0	0	360	743	1077	4 - 6 Pk Volume	0	0	1044	637	1656	
Pk Hr Factor	0.000	0.000	0.928	0.880	0.916	Pk Hr Factor	0.000	0.000	0.894	0.937	0.961	

### VOLUME

147th St Bet. Inglewood Ave & Ocean Gate Ave

Day: Thursday  
Date: 6/17/2021

City: Hawthorne  
Project #: CA21\_020179\_022

DAILY TOTALS					NB	SB						Total
					0	0	EB	WB				11,447
							5,970	5,477				
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL	
00:00			2	1	3	12:00			155	112	267	
00:15			0	2	2	12:15			114	125	239	
00:30			3	3	6	12:30			112	115	227	
00:45			3	8	3	12:45			122	503	223	
				6	14				101	453	956	
01:00			2	0	2	13:00			111	96	207	
01:15			2	2	4	13:15			116	108	224	
01:30			2	0	2	13:30			120	94	214	
01:45			2	8	6	13:45			106	453	207	
				6	14				101	399	852	
02:00			1	0	1	14:00			111	122	233	
02:15			3	1	4	14:15			121	89	210	
02:30			2	1	3	14:30			115	91	206	
02:45			0	6	2	14:45			113	460	209	
				4	10				96	398	858	
03:00			0	0	0	15:00			124	92	216	
03:15			0	2	2	15:15			126	105	231	
03:30			1	0	1	15:30			96	98	194	
03:45			1	2	4	15:45			99	445	196	
				5	7				97	392	837	
04:00			0	4	4	16:00			122	111	233	
04:15			1	2	3	16:15			109	98	207	
04:30			4	11	15	16:30			113	85	198	
04:45			2	7	18	16:45			103	447	198	
				33	40				95	389	836	
05:00			3	9	12	17:00			102	100	202	
05:15			3	8	11	17:15			105	91	196	
05:30			2	13	15	17:30			106	98	204	
05:45			12	20	51	17:45			105	418	198	
				69	89				93	382	800	
06:00			14	32	46	18:00			101	107	208	
06:15			21	31	52	18:15			95	92	187	
06:30			26	54	80	18:30			115	64	179	
06:45			33	94	89	18:45			101	412	183	
				173	267				82	345	757	
07:00			43	70	113	19:00			106	83	189	
07:15			41	58	99	19:15			98	76	174	
07:30			51	60	111	19:30			95	89	184	
07:45			75	210	154	19:45			106	405	165	
				267	477				59	307	712	
08:00			63	83	146	20:00			92	65	157	
08:15			79	91	170	20:15			71	64	135	
08:30			66	65	131	20:30			74	44	118	
08:45			63	271	137	20:45			69	306	110	
				313	584				41	214	520	
09:00			86	74	160	21:00			56	27	83	
09:15			78	76	154	21:15			55	21	76	
09:30			72	110	182	21:30			55	18	73	
09:45			96	332	196	21:45			52	218	65	
				360	692				13	79	297	
10:00			101	111	212	22:00			43	12	55	
10:15			97	103	200	22:15			16	11	27	
10:30			94	82	176	22:30			15	9	24	
10:45			96	388	195	22:45			9	83	14	
				395	783				5	37	120	
11:00			125	106	231	23:00			10	3	13	
11:15			103	101	204	23:15			11	9	20	
11:30			113	104	217	23:30			6	2	8	
11:45			101	442	227	23:45			5	32	5	
				437	879				0	14	46	
<b>TOTALS</b>				1788	2068	<b>TOTALS</b>			4182	3409	<b>7591</b>	
<b>SPLIT %</b>				46.4%	53.6%	<b>SPLIT %</b>			55.1%	44.9%	<b>66.3%</b>	

DAILY TOTALS					NB	SB						Total
					0	0	EB	WB				11,447
							5,970	5,477				
AM Peak Hour			11:30	11:45	11:45	PM Peak Hour			12:00	12:00	12:00	
AM Pk Volume			483	478	960	PM Pk Volume			503	453	956	
Pk Hr Factor			0.779	0.948	0.899	Pk Hr Factor			0.811	0.906	0.895	
7 - 9 Volume	0	0	481	580	1061	4 - 6 Volume	0	0	865	771	1636	
7 - 9 Peak Hour			07:45	07:45	07:45	4 - 6 Peak Hour			16:00	16:00	16:00	
7 - 9 Pk Volume	0	0	283	318	601	4 - 6 Pk Volume	0	0	447	389	836	
Pk Hr Factor	0.000	0.000	0.896	0.874	0.884	Pk Hr Factor	0.000	0.000	0.916	0.876	0.897	

### VOLUME

Jack Northrop Ave Bet. Crenshaw Blvd & Prairie Ave

Day: Thursday  
Date: 6/17/2021

City: Hawthorne  
Project #: CA21\_020179\_023

DAILY TOTALS					NB	SB						Total		
					0	0						3,979		
							EB	WB						
							1,779	2,200						
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL		
00:00			4	5	9		12:00			7	23	30		
00:15			4	3	7		12:15			28	39	67		
00:30			4	3	7		12:30			21	30	51		
00:45			3	15	3	14	12:45			25	81	27	119	200
01:00			2	2	4		13:00			21	38	59		
01:15			1	1	2		13:15			20	38	58		
01:30			5	3	8		13:30			43	42	85		
01:45			4	12	6	12	13:45			32	116	32	150	266
02:00			8	10	18		14:00			29	39	68		
02:15			3	3	6		14:15			30	37	67		
02:30			8	4	12		14:30			42	56	98		
02:45			1	20	1	18	14:45			40	141	42	174	315
03:00			2	0	2		15:00			24	43	67		
03:15			3	1	4		15:15			33	50	83		
03:30			0	7	7		15:30			30	54	84		
03:45			3	8	6	14	15:45			22	109	63	210	319
04:00			8	3	11		16:00			22	44	66		
04:15			5	5	10		16:15			24	57	81		
04:30			15	16	31		16:30			35	51	86		
04:45			20	48	26	50	16:45			25	106	59	211	317
05:00			22	11	33		17:00			29	60	89		
05:15			16	6	22		17:15			21	53	74		
05:30			16	6	22		17:30			28	55	83		
05:45			22	76	12	35	17:45			36	114	58	226	340
06:00			23	13	36		18:00			27	63	90		
06:15			22	9	31		18:15			24	61	85		
06:30			20	10	30		18:30			31	32	63		
06:45			23	88	17	49	18:45			18	100	27	183	283
07:00			23	19	42		19:00			19	16	35		
07:15			22	22	44		19:15			20	25	45		
07:30			21	29	50		19:30			23	33	56		
07:45			27	93	23	93	19:45			23	85	13	87	172
08:00			29	30	59		20:00			12	19	31		
08:15			18	22	40		20:15			23	21	44		
08:30			29	32	61		20:30			8	8	16		
08:45			26	102	32	116	20:45			5	48	8	56	104
09:00			31	24	55		21:00			13	8	21		
09:15			17	20	37		21:15			10	6	16		
09:30			36	17	53		21:30			9	9	18		
09:45			28	112	27	88	21:45			9	41	5	28	69
10:00			37	21	58		22:00			7	4	11		
10:15			26	36	62		22:15			3	4	7		
10:30			22	39	61		22:30			10	6	16		
10:45			27	112	26	122	22:45			10	30	5	19	49
11:00			20	25	45		23:00			8	2	10		
11:15			19	26	45		23:15			2	5	7		
11:30			28	35	63		23:30			10	11	21		
11:45			30	97	18	104	23:45			5	25	4	22	47
<b>TOTALS</b>				783	715	<b>1498</b>	<b>TOTALS</b>			996	1485	<b>2481</b>		
<b>SPLIT %</b>				52.3%	47.7%	<b>37.6%</b>	<b>SPLIT %</b>			40.1%	59.9%	<b>62.4%</b>		

DAILY TOTALS					NB	SB						Total		
					0	0						3,979		
							EB	WB						
							1,779	2,200						
AM Peak Hour			09:30	10:15	09:45		PM Peak Hour			14:00	17:30	17:30		
AM Pk Volume			127	126	236		PM Pk Volume			141	237	352		
Pk Hr Factor			0.858	0.808	0.952		Pk Hr Factor			0.839	0.940	0.936		
7 - 9 Volume	0	0	195	209	404		4 - 6 Volume	0	0	220	437	657		
7 - 9 Peak Hour			07:45	08:00	08:00		4 - 6 Peak Hour			17:00	16:15	16:15		
7 - 9 Pk Volume	0	0	103	116	218		4 - 6 Pk Volume	0	0	114	227	340		
Pk Hr Factor	0.000	0.000	0.888	0.906	0.893		Pk Hr Factor	0.000	0.000	0.792	0.946	0.955		

### VOLUME

Aviation Blvd Bet. Marine Ave & Rosecrans Ave

Day: Thursday  
Date: 6/17/2021

City: Hawthorne  
Project #: CA21\_020179\_024

DAILY TOTALS					NB	SB	EB		WB	Total	
					19,490	19,175	0		0	38,665	
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
00:00	62	51			113	12:00	270	338			608
00:15	37	38			75	12:15	353	308			661
00:30	26	36			62	12:30	340	304			644
00:45	33	158	29	154	62	12:45	330	1293	303	1253	633
01:00	27	18			45	13:00	314	298			612
01:15	24	26			50	13:15	304	302			606
01:30	26	20			46	13:30	283	294			577
01:45	19	96	16	80	35	13:45	242	1143	350	1244	592
02:00	10	11			21	14:00	249	336			585
02:15	12	20			32	14:15	272	299			571
02:30	15	14			29	14:30	286	382			668
02:45	11	48	12	57	23	14:45	303	1110	375	1392	678
03:00	11	9			20	15:00	281	397			678
03:15	16	12			28	15:15	242	370			612
03:30	23	19			42	15:30	267	400			667
03:45	30	80	9	49	39	15:45	315	1105	389	1556	704
04:00	25	19			44	16:00	303	360			663
04:15	43	17			60	16:15	277	396			673
04:30	56	38			94	16:30	314	412			726
04:45	68	192	58	132	126	16:45	288	1182	381	1549	669
05:00	72	57			129	17:00	308	461			769
05:15	110	52			162	17:15	324	393			717
05:30	131	61			192	17:30	328	421			749
05:45	174	487	90	260	264	17:45	296	1256	416	1691	712
06:00	176	68			244	18:00	255	341			596
06:15	213	99			312	18:15	272	366			638
06:30	193	114			307	18:30	278	326			604
06:45	257	839	158	439	415	18:45	258	1063	305	1338	563
07:00	224	175			399	19:00	216	299			515
07:15	241	200			441	19:15	253	270			523
07:30	305	250			555	19:30	204	256			460
07:45	352	1122	263	888	615	19:45	195	868	244	1069	439
08:00	352	274			626	20:00	208	205			413
08:15	366	258			624	20:15	228	198			426
08:30	358	255			613	20:30	177	175			352
08:45	372	1448	245	1032	617	20:45	182	795	189	767	371
09:00	325	230			555	21:00	159	175			334
09:15	316	232			548	21:15	176	148			324
09:30	301	232			533	21:30	139	146			285
09:45	315	1257	233	927	548	21:45	205	679	124	593	329
10:00	279	237			516	22:00	151	139			290
10:15	299	227			526	22:15	123	120			243
10:30	298	229			527	22:30	122	90			212
10:45	350	1226	269	962	619	22:45	101	497	79	428	180
11:00	275	211			486	23:00	102	82			184
11:15	317	255			572	23:15	78	69			147
11:30	308	280			588	23:30	89	49			138
11:45	328	1228	302	1048	630	23:45	49	318	67	267	116
<b>TOTALS</b>	<b>8181</b>	<b>6028</b>			<b>14209</b>	<b>TOTALS</b>	<b>11309</b>	<b>13147</b>			<b>24456</b>
<b>SPLIT %</b>	<b>57.6%</b>	<b>42.4%</b>			<b>36.7%</b>	<b>SPLIT %</b>	<b>46.2%</b>	<b>53.8%</b>			<b>63.3%</b>

DAILY TOTALS					NB	SB	EB		WB	Total
					19,490	19,175	0		0	38,665

AM Peak Hour	08:00	11:45			11:45	PM Peak Hour	12:15	17:00			17:00
AM Pk Volume	1448	1252			2543	PM Pk Volume	1337	1691			2947
Pk Hr Factor	0.973	0.926			0.962	Pk Hr Factor	0.947	0.917			0.958
7 - 9 Volume	2570	1920	0	0	4490	4 - 6 Volume	2438	3240	0	0	5678
7 - 9 Peak Hour	08:00	07:45			08:00	4 - 6 Peak Hour	17:00	17:00			17:00
7 - 9 Pk Volume	1448	1050	0	0	2498	4 - 6 Pk Volume	1256	1691	0	0	2947
Pk Hr Factor	0.973	0.958	0.000	0.000	0.990	Pk Hr Factor	0.957	0.917	0.000	0.000	0.958



# VOLUME

Aviation Blvd Bet. Rosecrans Ave & 13200 Aviation Blvd

Day: Tuesday  
Date: 6/15/2021

City: Hawthorne  
Project #: CA21\_020179\_025

DAILY TOTALS					NB	SB	EB	WB	Total		
					12,134	11,131	0	0	23,265		
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
00:00	9	19			28	12:00	197	186			383
00:15	14	16			30	12:15	169	152			321
00:30	5	11			16	12:30	213	167			380
00:45	9	37	12	58	21	12:45	219	798	151	656	370
					95						1454
01:00	4	9			13	13:00	196	159			355
01:15	7	12			19	13:15	193	160			353
01:30	9	12			21	13:30	193	175			368
01:45	6	26	10	43	16	13:45	169	751	201	695	370
					69						1446
02:00	6	8			14	14:00	177	239			416
02:15	2	3			5	14:15	178	251			429
02:30	4	7			11	14:30	213	259			472
02:45	7	19	6	24	13	14:45	188	756	258	1007	446
					43						1763
03:00	4	5			9	15:00	184	286			470
03:15	9	6			15	15:15	202	294			496
03:30	10	4			14	15:30	214	265			479
03:45	18	41	12	27	30	15:45	200	800	316	1161	516
					68						1961
04:00	17	9			26	16:00	220	289			509
04:15	15	9			24	16:15	245	307			552
04:30	36	20			56	16:30	205	289			494
04:45	53	121	30	68	83	16:45	259	929	286	1171	545
					189						2100
05:00	46	23			69	17:00	232	282			514
05:15	51	16			67	17:15	282	281			563
05:30	74	34			108	17:30	281	269			550
05:45	95	266	36	109	131	17:45	210	1005	258	1090	468
					375						2095
06:00	96	35			131	18:00	197	230			427
06:15	99	46			145	18:15	198	230			428
06:30	119	54			173	18:30	186	192			378
06:45	177	491	77	212	254	18:45	160	741	174	826	334
					703						1567
07:00	181	85			266	19:00	161	145			306
07:15	199	90			289	19:15	149	119			268
07:30	246	130			376	19:30	126	132			258
07:45	267	893	158	463	425	19:45	107	543	110	506	217
					1356						1049
08:00	244	153			397	20:00	104	91			195
08:15	245	144			389	20:15	110	97			207
08:30	221	155			376	20:30	103	87			190
08:45	218	928	154	606	372	20:45	114	431	54	329	168
					1534						760
09:00	170	130			300	21:00	92	50			142
09:15	157	140			297	21:15	78	47			125
09:30	189	106			295	21:30	67	59			126
09:45	166	682	132	508	298	21:45	41	278	31	187	72
					1190						465
10:00	139	130			269	22:00	57	39			96
10:15	168	133			301	22:15	51	21			72
10:30	159	132			291	22:30	39	20			59
10:45	157	623	129	524	286	22:45	34	181	23	103	57
					1147						284
11:00	162	148			310	23:00	25	27			52
11:15	173	134			307	23:15	39	26			65
11:30	158	175			333	23:30	16	33			49
11:45	195	688	189	646	384	23:45	26	106	26	112	52
					1334						218
<b>TOTALS</b>	<b>4815</b>	<b>3288</b>			<b>8103</b>	<b>TOTALS</b>	<b>7319</b>	<b>7843</b>			<b>15162</b>
<b>SPLIT %</b>	<b>59.4%</b>	<b>40.6%</b>			<b>34.8%</b>	<b>SPLIT %</b>	<b>48.3%</b>	<b>51.7%</b>			<b>65.2%</b>

DAILY TOTALS					NB	SB	EB	WB	Total
					12,134	11,131	0	0	23,265
AM Peak Hour	07:30	11:30			07:30	PM Peak Hour	16:45	15:45	16:45
AM Pk Volume	1002	702			1587	PM Pk Volume	1054	1201	2172
Pk Hr Factor	0.938	0.929			0.934	Pk Hr Factor	0.934	0.950	0.964
7 - 9 Volume	1821	1069	0	0	2890	4 - 6 Volume	1934	2261	0
7 - 9 Peak Hour	07:30	07:45			07:30	4 - 6 Peak Hour	16:45	16:00	16:45
7 - 9 Pk Volume	1002	610	0	0	1587	4 - 6 Pk Volume	1054	1171	0
Pk Hr Factor	0.938	0.965	0.000	0.000	0.934	Pk Hr Factor	0.934	0.954	0.000

# VOLUME

Inglewood Ave Bet. Imperial Hwy & 120th St

Day: Tuesday  
Date: 6/22/2021

City: Hawthorne  
Project #: CA21\_020179\_026

DAILY TOTALS					NB	SB	EB	WB	Total		
					7,907	8,068	0	0	15,975		
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
00:00	30	21			51	12:00	104	142			246
00:15	20	12			32	12:15	139	131			270
00:30	15	13			28	12:30	125	110			235
00:45	16	81	19	65	35	12:45	134	502	114	497	248
01:00	10	15			25	13:00	117	121			238
01:15	13	12			25	13:15	117	130			247
01:30	11	8			19	13:30	128	125			253
01:45	8	42	8	43	16	13:45	136	498	116	492	252
02:00	10	12			22	14:00	118	141			259
02:15	8	12			20	14:15	133	149			282
02:30	6	7			13	14:30	143	150			293
02:45	7	31	12	43	19	14:45	161	555	176	616	337
03:00	7	5			12	15:00	152	143			295
03:15	8	4			12	15:15	138	153			291
03:30	14	9			23	15:30	152	173			325
03:45	6	35	19	37	25	15:45	140	582	175	644	315
04:00	10	8			18	16:00	149	152			301
04:15	12	14			26	16:15	144	170			314
04:30	14	16			30	16:30	151	139			290
04:45	17	53	26	64	43	16:45	157	601	169	630	326
05:00	13	15			28	17:00	154	165			319
05:15	26	26			52	17:15	154	152			306
05:30	29	32			61	17:30	151	184			335
05:45	30	98	46	119	76	17:45	148	607	174	675	322
06:00	40	43			83	18:00	146	140			286
06:15	51	50			101	18:15	146	129			275
06:30	44	55			99	18:30	122	135			257
06:45	66	201	80	228	146	18:45	116	530	130	534	246
07:00	89	79			168	19:00	113	121			234
07:15	89	84			173	19:15	116	89			205
07:30	93	89			182	19:30	92	70			162
07:45	108	379	124	376	232	19:45	83	404	83	363	166
08:00	109	106			215	20:00	75	97			172
08:15	87	111			198	20:15	80	75			155
08:30	88	110			198	20:30	88	70			158
08:45	99	383	109	436	208	20:45	83	326	71	313	154
09:00	89	92			181	21:00	87	75			162
09:15	96	89			185	21:15	90	66			156
09:30	98	138			236	21:30	66	61			127
09:45	98	381	107	426	205	21:45	64	307	55	257	119
10:00	113	120			233	22:00	60	37			97
10:15	111	107			218	22:15	57	39			96
10:30	110	103			213	22:30	54	40			94
10:45	106	440	129	459	235	22:45	51	222	37	153	88
11:00	136	140			276	23:00	29	24			53
11:15	129	125			254	23:15	30	24			54
11:30	146	123			269	23:30	37	21			58
11:45	125	536	111	499	236	23:45	17	113	30	99	47
<b>TOTALS</b>	2660	2795			5455	<b>TOTALS</b>	5247	5273			10520
<b>SPLIT %</b>	48.8%	51.2%			34.1%	<b>SPLIT %</b>	49.9%	50.1%			65.9%

DAILY TOTALS					NB	SB	EB	WB	Total
					7,907	8,068	0	0	15,975
AM Peak Hour	11:00	10:45			11:00	PM Peak Hour	16:30	17:00	16:45
AM Pk Volume	536	517			1035	PM Pk Volume	616	675	1286
Pk Hr Factor	0.918	0.923			0.938	Pk Hr Factor	0.981	0.917	0.960
7 - 9 Volume	762	812	0	0	1574	4 - 6 Volume	1208	1305	0
7 - 9 Peak Hour	07:15	07:45			07:45	4 - 6 Peak Hour	16:30	17:00	16:45
7 - 9 Pk Volume	399	451	0	0	843	4 - 6 Pk Volume	616	675	0
Pk Hr Factor	0.915	0.909	0.000	0.000	0.908	Pk Hr Factor	0.981	0.917	0.000

# VOLUME

Inglewood Ave Bet. 120th St & El Segundo Blvd

Day: Tuesday  
Date: 6/15/2021

City: Hawthorne  
Project #: CA21\_020179\_027

DAILY TOTALS					NB	SB	EB	WB	Total		
					8,086	8,608	0	0	16,694		
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
00:00	16	16			32	12:00	112	153			265
00:15	18	14			32	12:15	127	146			273
00:30	16	13			29	12:30	115	106			221
00:45	11	61	19	62	30	12:45	129	483	121	526	1009
01:00	10	13			23	13:00	128	132			260
01:15	8	8			16	13:15	102	125			227
01:30	12	12			24	13:30	142	141			283
01:45	11	41	9	42	20	13:45	136	508	122	520	1028
02:00	13	10			23	14:00	130	146			276
02:15	8	10			18	14:15	151	157			308
02:30	5	9			14	14:30	141	155			296
02:45	8	34	12	41	20	14:45	158	580	194	652	1232
03:00	9	8			17	15:00	168	152			320
03:15	7	6			13	15:15	143	178			321
03:30	14	13			27	15:30	170	165			335
03:45	7	37	18	45	25	15:45	159	640	189	684	1324
04:00	10	8			18	16:00	171	165			336
04:15	15	14			29	16:15	151	197			348
04:30	10	17			27	16:30	160	141			301
04:45	10	45	29	68	39	16:45	147	629	196	699	1328
05:00	17	21			38	17:00	156	173			329
05:15	24	34			58	17:15	157	171			328
05:30	23	31			54	17:30	156	192			348
05:45	35	99	56	142	91	17:45	150	619	181	717	1336
06:00	29	48			77	18:00	154	163			317
06:15	45	46			91	18:15	154	144			298
06:30	47	61			108	18:30	137	155			292
06:45	74	195	85	240	159	18:45	129	574	136	598	1172
07:00	81	90			171	19:00	118	125			243
07:15	79	81			160	19:15	112	105			217
07:30	85	92			177	19:30	104	79			183
07:45	95	340	134	397	229	19:45	91	425	107	416	841
08:00	105	115			220	20:00	96	102			198
08:15	94	124			218	20:15	87	85			172
08:30	96	110			206	20:30	80	73			153
08:45	108	403	126	475	234	20:45	90	353	74	334	687
09:00	81	100			181	21:00	87	72			159
09:15	103	92			195	21:15	110	59			169
09:30	90	128			218	21:30	64	67			131
09:45	105	379	96	416	201	21:45	57	318	66	264	582
10:00	102	114			216	22:00	69	41			110
10:15	123	116			239	22:15	64	39			103
10:30	101	121			222	22:30	40	44			84
10:45	102	428	121	472	223	22:45	39	212	45	169	381
11:00	151	146			297	23:00	37	30			67
11:15	122	142			264	23:15	29	24			53
11:30	156	108			264	23:30	33	21			54
11:45	132	561	127	523	259	23:45	23	122	31	106	228
<b>TOTALS</b>	2623	2923			5546	<b>TOTALS</b>	5463	5685			11148
<b>SPLIT %</b>	47.3%	52.7%			33.2%	<b>SPLIT %</b>	49.0%	51.0%			66.8%

DAILY TOTALS					NB	SB	EB	WB	Total
					8,086	8,608	0	0	16,694
AM Peak Hour	11:00	11:30			11:00	PM Peak Hour	15:30	16:45	15:30
AM Pk Volume	561	534			1084	PM Pk Volume	651	732	1367
Pk Hr Factor	0.899	0.873			0.912	Pk Hr Factor	0.952	0.934	0.982
7 - 9 Volume	743	872	0	0	1615	4 - 6 Volume	1248	1416	2664
7 - 9 Peak Hour	08:00	07:45			08:00	4 - 6 Peak Hour	16:00	16:45	16:45
7 - 9 Pk Volume	403	483	0	0	878	4 - 6 Pk Volume	629	732	1348
Pk Hr Factor	0.933	0.901	0.000	0.000	0.938	Pk Hr Factor	0.920	0.934	0.968

### VOLUME

Inglewood Ave Bet. El Segundo Blvd & 135th St

Day: Thursday  
Date: 6/17/2021

City: Hawthorne  
Project #: CA21\_020179\_028

DAILY TOTALS					NB	SB	EB	WB	Total		
					10,186	12,037	0	0	22,223		
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
00:00	24	25			49	12:00	191	190			381
00:15	17	14			31	12:15	151	205			356
00:30	15	14			29	12:30	161	190			351
00:45	11	67	10	63	21 130	12:45	197	700	185	770	382 1470
01:00	13	10			23	13:00	173	205			378
01:15	10	7			17	13:15	157	175			332
01:30	7	9			16	13:30	170	187			357
01:45	12	42	9	35	21 77	13:45	168	668	203	770	371 1438
02:00	6	5			11	14:00	162	222			384
02:15	8	6			14	14:15	195	220			415
02:30	5	12			17	14:30	183	245			428
02:45	6	25	5	28	11 53	14:45	170	710	234	921	404 1631
03:00	12	2			14	15:00	177	262			439
03:15	5	9			14	15:15	165	267			432
03:30	7	8			15	15:30	179	266			445
03:45	9	33	8	27	17 60	15:45	180	701	241	1036	421 1737
04:00	13	9			22	16:00	203	264			467
04:15	12	17			29	16:15	224	253			477
04:30	30	8			38	16:30	184	274			458
04:45	27	82	25	59	52 141	16:45	226	837	229	1020	455 1857
05:00	21	23			44	17:00	208	251			459
05:15	32	30			62	17:15	178	243			421
05:30	41	39			80	17:30	183	246			429
05:45	42	136	38	130	80 266	17:45	170	739	275	1015	445 1754
06:00	57	51			108	18:00	168	264			432
06:15	52	70			122	18:15	162	243			405
06:30	81	76			157	18:30	153	214			367
06:45	88	278	93	290	181 568	18:45	150	633	223	944	373 1577
07:00	82	104			186	19:00	162	179			341
07:15	103	91			194	19:15	137	190			327
07:30	112	111			223	19:30	142	146			288
07:45	122	419	156	462	278 881	19:45	138	579	136	651	274 1230
08:00	139	124			263	20:00	156	163			319
08:15	105	138			243	20:15	125	137			262
08:30	116	132			248	20:30	148	89			237
08:45	116	476	135	529	251 1005	20:45	105	534	112	501	217 1035
09:00	109	136			245	21:00	111	111			222
09:15	133	138			271	21:15	94	87			181
09:30	117	130			247	21:30	96	98			194
09:45	131	490	151	555	282 1045	21:45	80	381	79	375	159 756
10:00	126	171			297	22:00	89	62			151
10:15	157	169			326	22:15	65	61			126
10:30	131	143			274	22:30	52	57			109
10:45	145	559	184	667	329 1226	22:45	55	261	55	235	110 496
11:00	162	165			327	23:00	49	55			104
11:15	177	186			363	23:15	47	37			84
11:30	157	201			358	23:30	42	49			91
11:45	178	674	230	782	408 1456	23:45	24	162	31	172	55 334
<b>TOTALS</b>	<b>3281</b>	<b>3627</b>			<b>6908</b>	<b>TOTALS</b>	<b>6905</b>	<b>8410</b>			<b>15315</b>
<b>SPLIT %</b>	<b>47.5%</b>	<b>52.5%</b>			<b>31.1%</b>	<b>SPLIT %</b>	<b>45.1%</b>	<b>54.9%</b>			<b>68.9%</b>

DAILY TOTALS					NB	SB	EB	WB	Total
					10,186	12,037	0	0	22,223
AM Peak Hour	11:15	11:30			11:15	PM Peak Hour	16:15	15:15	16:00
AM Pk Volume	703	826			1510	PM Pk Volume	842	1038	1857
Pk Hr Factor	0.920	0.898			0.925	Pk Hr Factor	0.931	0.972	0.973
7 - 9 Volume	895	991	0	0	1886	4 - 6 Volume	1576	2035	0 3611
7 - 9 Peak Hour	07:45	07:45			07:45	4 - 6 Peak Hour	16:15	16:00	16:00
7 - 9 Pk Volume	482	550	0	0	1032	4 - 6 Pk Volume	842	1020	0 1857
Pk Hr Factor	0.867	0.881	0.000	0.000	0.928	Pk Hr Factor	0.931	0.931	0.000 0.000 0.973

### VOLUME

Inglewood Ave Bet. 135th St & Rosecrans Ave

Day: Thursday  
Date: 6/17/2021

City: Hawthorne  
Project #: CA21\_020179\_029

DAILY TOTALS					NB	SB	EB	WB	Total		
					10,161	12,526	0	0	22,687		
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
00:00	22	22			44	12:00	185	213			398
00:15	16	17			33	12:15	155	207			362
00:30	14	14			28	12:30	182	184			366
00:45	12	64	10	63	227	12:45	206	728	203	807	1535
01:00	12	6			18	13:00	172	206			378
01:15	11	8			19	13:15	168	186			354
01:30	9	11			20	13:30	160	170			330
01:45	10	42	10	35	77	13:45	163	663	218	780	1443
02:00	10	3			13	14:00	178	221			399
02:15	7	6			13	14:15	187	228			415
02:30	4	11			15	14:30	155	262			417
02:45	5	26	6	26	52	14:45	158	678	231	942	1620
03:00	10	3			13	15:00	168	267			435
03:15	6	7			13	15:15	173	301			474
03:30	3	9			12	15:30	179	269			448
03:45	4	23	9	28	51	15:45	186	706	259	1096	1802
04:00	8	8			16	16:00	192	280			472
04:15	9	21			30	16:15	214	255			469
04:30	16	11			27	16:30	190	276			466
04:45	25	58	29	69	127	16:45	230	826	237	1048	1874
05:00	16	24			40	17:00	195	267			462
05:15	27	30			57	17:15	189	258			447
05:30	31	47			78	17:30	183	255			438
05:45	42	116	61	162	278	17:45	186	753	269	1049	1802
06:00	43	49			92	18:00	185	281			466
06:15	45	81			126	18:15	175	251			426
06:30	78	84			162	18:30	160	215			375
06:45	86	252	100	314	566	18:45	171	691	225	972	1663
07:00	92	104			196	19:00	173	193			366
07:15	96	104			200	19:15	124	197			321
07:30	101	128			229	19:30	153	164			317
07:45	126	415	158	494	909	19:45	157	607	140	694	1301
08:00	131	147			278	20:00	159	167			326
08:15	106	143			249	20:15	133	138			271
08:30	98	139			237	20:30	154	99			253
08:45	109	444	143	572	1016	20:45	113	559	107	511	1070
09:00	113	134			247	21:00	111	109			220
09:15	119	142			261	21:15	110	86			196
09:30	108	148			256	21:30	100	87			187
09:45	137	477	170	594	1071	21:45	79	400	82	364	764
10:00	116	169			285	22:00	97	61			158
10:15	149	165			314	22:15	73	52			125
10:30	132	167			299	22:30	56	53			109
10:45	142	539	187	688	1227	22:45	55	281	62	228	509
11:00	150	191			341	23:00	53	55			108
11:15	171	200			371	23:15	49	34			83
11:30	153	201			354	23:30	35	50			85
11:45	178	652	224	816	1468	23:45	24	161	35	174	335
<b>TOTALS</b>	<b>3108</b>	<b>3861</b>			<b>6969</b>	<b>TOTALS</b>	<b>7053</b>	<b>8665</b>			<b>15718</b>
<b>SPLIT %</b>	<b>44.6%</b>	<b>55.4%</b>			<b>30.7%</b>	<b>SPLIT %</b>	<b>44.9%</b>	<b>55.1%</b>			<b>69.3%</b>

DAILY TOTALS					NB	SB	EB	WB	Total
					10,161	12,526	0	0	22,687

AM Peak Hour	11:45	11:30			11:45	PM Peak Hour	16:15	15:15			16:00
AM Pk Volume	700	845			1528	PM Pk Volume	829	1109			1874
Pk Hr Factor	0.946	0.943			0.950	Pk Hr Factor	0.901	0.921			0.993
7 - 9 Volume	859	1066	0	0	1925	4 - 6 Volume	1579	2097	0	0	3676
7 - 9 Peak Hour	07:30	07:45			07:45	4 - 6 Peak Hour	16:15	17:00			16:00
7 - 9 Pk Volume	464	587	0	0	1048	4 - 6 Pk Volume	829	1049	0	0	1874
Pk Hr Factor	0.885	0.929	0.000	0.000	0.923	Pk Hr Factor	0.901	0.975	0.000	0.000	0.993

### VOLUME

Hawthorne Blvd Bet. Imperial Hwy & 120th St

Day: Tuesday  
Date: 6/15/2021

City: Hawthorne  
Project #: CA21\_020179\_030

DAILY TOTALS					NB	SB	EB	WB	Total		
					10,414	11,681	0	0	22,095		
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
00:00	44	53			97	12:00	186	201			387
00:15	22	33			55	12:15	147	187			334
00:30	32	35			67	12:30	172	193			365
00:45	22	120	27	148	49	12:45	142	647	206	787	348
01:00	14	25			39	13:00	195	199			394
01:15	17	22			39	13:15	177	210			387
01:30	18	17			35	13:30	165	189			354
01:45	12	61	21	85	33	13:45	181	718	215	813	396
02:00	10	14			24	14:00	192	215			407
02:15	13	21			34	14:15	176	211			387
02:30	15	17			32	14:30	176	190			366
02:45	12	50	13	65	25	14:45	159	703	195	811	354
03:00	18	12			30	15:00	198	199			397
03:15	5	6			11	15:15	167	200			367
03:30	9	13			22	15:30	189	229			418
03:45	19	51	15	46	34	15:45	191	745	239	867	430
04:00	15	14			29	16:00	214	221			435
04:15	18	18			36	16:15	181	210			391
04:30	14	24			38	16:30	176	233			409
04:45	17	64	37	93	54	16:45	214	785	225	889	439
05:00	19	25			44	17:00	201	230			431
05:15	30	23			53	17:15	196	244			440
05:30	34	32			66	17:30	192	229			421
05:45	39	122	37	117	76	17:45	190	779	232	935	422
06:00	49	39			88	18:00	180	202			382
06:15	70	46			116	18:15	158	180			338
06:30	59	60			119	18:30	154	189			343
06:45	91	269	74	219	165	18:45	146	638	138	709	284
07:00	85	77			162	19:00	146	181			327
07:15	90	97			187	19:15	151	149			300
07:30	104	116			220	19:30	135	173			308
07:45	122	401	133	423	255	19:45	153	585	151	654	304
08:00	126	111			237	20:00	121	130			251
08:15	116	146			262	20:15	151	134			285
08:30	119	119			238	20:30	100	121			221
08:45	117	478	146	522	263	20:45	139	511	121	506	260
09:00	132	136			268	21:00	133	110			243
09:15	118	140			258	21:15	110	94			204
09:30	137	152			289	21:30	115	107			222
09:45	98	485	151	579	249	21:45	80	438	98	409	178
10:00	143	164			307	22:00	91	81			172
10:15	142	145			287	22:15	72	80			152
10:30	136	200			336	22:30	67	78			145
10:45	159	580	192	701	351	22:45	75	305	68	307	143
11:00	164	201			365	23:00	63	62			125
11:15	188	185			373	23:15	37	50			87
11:30	179	201			380	23:30	52	62			114
11:45	165	696	183	770	348	23:45	31	183	52	226	83
<b>TOTALS</b>	<b>3377</b>	<b>3768</b>			<b>7145</b>	<b>TOTALS</b>	<b>7037</b>	<b>7913</b>			<b>14950</b>
<b>SPLIT %</b>	<b>47.3%</b>	<b>52.7%</b>			<b>32.3%</b>	<b>SPLIT %</b>	<b>47.1%</b>	<b>52.9%</b>			<b>67.7%</b>

DAILY TOTALS					NB	SB	EB	WB	Total
					10,414	11,681	0	0	22,095
AM Peak Hour	11:15	10:45			11:15	PM Peak Hour	16:45	17:00	16:45
AM Pk Volume	718	779			1488	PM Pk Volume	803	935	1731
Pk Hr Factor	0.955	0.969			0.961	Pk Hr Factor	0.938	0.958	0.984
7 - 9 Volume	879	945	0	0	1824	4 - 6 Volume	1564	1824	3388
7 - 9 Peak Hour	07:45	08:00			08:00	4 - 6 Peak Hour	16:45	17:00	16:45
7 - 9 Pk Volume	483	522	0	0	1000	4 - 6 Pk Volume	803	935	1731
Pk Hr Factor	0.958	0.894	0.000	0.000	0.951	Pk Hr Factor	0.938	0.958	0.984

# VOLUME

Hawthorne Blvd Bet. 120th St & El Segundo Blvd

Day: Tuesday  
Date: 6/15/2021

City: Hawthorne  
Project #: CA21\_020179\_031

DAILY TOTALS					NB	SB	EB	WB	Total		
					11,752	10,586	0	0	22,338		
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
00:00	37	37			74	12:00	187	170			357
00:15	25	33			58	12:15	173	156			329
00:30	34	33			67	12:30	196	156			352
00:45	19	115	27	130	46	12:45	199	755	206	688	405
					245						1443
01:00	16	18			34	13:00	191	166			357
01:15	16	23			39	13:15	201	165			366
01:30	21	10			31	13:30	195	203			398
01:45	18	71	30	81	48	13:45	224	811	174	708	398
					152						1519
02:00	14	14			28	14:00	198	212			410
02:15	11	16			27	14:15	174	174			348
02:30	14	18			32	14:30	204	184			388
02:45	20	59	14	62	34	14:45	194	770	205	775	399
					121						1545
03:00	13	7			20	15:00	224	171			395
03:15	10	6			16	15:15	212	187			399
03:30	19	7			26	15:30	191	199			390
03:45	22	64	15	35	37	15:45	234	861	198	755	432
					99						1616
04:00	21	10			31	16:00	240	187			427
04:15	16	16			32	16:15	206	190			396
04:30	18	18			36	16:30	223	229			452
04:45	17	72	36	80	53	16:45	243	912	213	819	456
					152						1731
05:00	10	22			32	17:00	234	201			435
05:15	39	22			61	17:15	220	217			437
05:30	34	34			68	17:30	211	212			423
05:45	40	123	46	124	86	17:45	211	876	206	836	417
					247						1712
06:00	59	37			96	18:00	222	180			402
06:15	62	53			115	18:15	192	181			373
06:30	72	59			131	18:30	159	162			321
06:45	82	275	73	222	155	18:45	174	747	161	684	335
					497						1431
07:00	77	60			137	19:00	177	152			329
07:15	106	86			192	19:15	167	143			310
07:30	95	116			211	19:30	157	129			286
07:45	144	422	102	364	246	19:45	166	667	144	568	310
					786						1235
08:00	117	91			208	20:00	161	118			279
08:15	126	125			251	20:15	154	118			272
08:30	127	128			255	20:30	120	111			231
08:45	116	486	124	468	240	20:45	158	593	100	447	258
					954						1040
09:00	157	125			282	21:00	139	97			236
09:15	150	154			304	21:15	131	82			213
09:30	164	150			314	21:30	133	90			223
09:45	136	607	136	565	272	21:45	87	490	86	355	173
					1172						845
10:00	143	144			287	22:00	94	61			155
10:15	167	146			313	22:15	81	74			155
10:30	185	173			358	22:30	60	60			120
10:45	185	680	188	651	373	22:45	84	319	58	253	142
					1331						572
11:00	164	194			358	23:00	58	45			103
11:15	224	186			410	23:15	39	46			85
11:30	207	181			388	23:30	57	40			97
11:45	181	776	171	732	352	23:45	47	201	53	184	100
					1508						385
<b>TOTALS</b>	<b>3750</b>	<b>3514</b>			<b>7264</b>	<b>TOTALS</b>	<b>8002</b>	<b>7072</b>			<b>15074</b>
<b>SPLIT %</b>	<b>51.6%</b>	<b>48.4%</b>			<b>32.5%</b>	<b>SPLIT %</b>	<b>53.1%</b>	<b>46.9%</b>			<b>67.5%</b>

DAILY TOTALS					NB	SB	EB	WB	Total
					11,752	10,586	0	0	22,338
AM Peak Hour	11:15	10:45			10:45	PM Peak Hour	16:30	16:30	16:30
AM Pk Volume	799	749			1529	PM Pk Volume	920	860	1780
Pk Hr Factor	0.892	0.965			0.932	Pk Hr Factor	0.947	0.939	0.976
7 - 9 Volume	908	832	0	0	1740	4 - 6 Volume	1788	1655	0
7 - 9 Peak Hour	07:45	08:00			07:45	4 - 6 Peak Hour	16:30	16:30	0
7 - 9 Pk Volume	514	468	0	0	960	4 - 6 Pk Volume	920	860	0
Pk Hr Factor	0.892	0.914	0.000	0.000	0.941	Pk Hr Factor	0.947	0.939	0.000

# VOLUME

Hawthorne Blvd Bet. El Segundo Blvd & 135th St

Day: Tuesday  
Date: 6/15/2021

City: Hawthorne  
Project #: CA21\_020179\_032

DAILY TOTALS						NB	SB			EB	WB	Total
						13,322	12,970			0	0	26,292
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL	
00:00	46	58			104	12:00	211	209			420	
00:15	36	44			80	12:15	226	194			420	
00:30	36	34			70	12:30	214	226			440	
00:45	26	144	20	156	46	12:45	224	875	229	858	453	1733
01:00	24	28			52	13:00	220	242			462	
01:15	18	20			38	13:15	220	224			444	
01:30	25	21			46	13:30	218	212			430	
01:45	14	81	29	98	43	13:45	207	865	265	943	472	1808
02:00	25	19			44	14:00	200	247			447	
02:15	13	20			33	14:15	238	212			450	
02:30	23	18			41	14:30	222	263			485	
02:45	15	76	17	74	32	14:45	227	887	239	961	466	1848
03:00	10	10			20	15:00	211	255			466	
03:15	14	4			18	15:15	245	252			497	
03:30	31	8			39	15:30	199	260			459	
03:45	23	78	11	33	34	15:45	261	916	257	1024	518	1940
04:00	22	23			45	16:00	242	243			485	
04:15	16	17			33	16:15	226	250			476	
04:30	41	15			56	16:30	263	267			530	
04:45	49	128	35	90	84	16:45	235	966	297	1057	532	2023
05:00	26	21			47	17:00	240	268			508	
05:15	44	24			68	17:15	220	265			485	
05:30	72	39			111	17:30	256	240			496	
05:45	77	219	51	135	128	17:45	233	949	243	1016	476	1965
06:00	79	44			123	18:00	213	231			444	
06:15	79	53			132	18:15	207	236			443	
06:30	101	72			173	18:30	197	201			398	
06:45	114	373	82	251	196	18:45	192	809	161	829	353	1638
07:00	127	90			217	19:00	154	175			329	
07:15	135	79			214	19:15	187	186			373	
07:30	139	134			273	19:30	161	151			312	
07:45	186	587	127	430	313	19:45	186	688	161	673	347	1361
08:00	171	112			283	20:00	170	120			290	
08:15	182	160			342	20:15	166	137			303	
08:30	166	159			325	20:30	154	124			278	
08:45	185	704	178	609	363	20:45	130	620	101	482	231	1102
09:00	188	174			362	21:00	151	121			272	
09:15	130	155			285	21:15	120	92			212	
09:30	158	162			320	21:30	118	96			214	
09:45	159	635	151	642	310	21:45	117	506	104	413	221	919
10:00	181	188			369	22:00	102	88			190	
10:15	197	175			372	22:15	94	88			182	
10:30	223	184			407	22:30	87	78			165	
10:45	174	775	233	780	407	22:45	69	352	58	312	127	664
11:00	238	233			471	23:00	63	54			117	
11:15	202	257			459	23:15	48	46			94	
11:30	218	193			411	23:30	50	44			94	
11:45	211	869	236	919	447	23:45	59	220	41	185	100	405
<b>TOTALS</b>	<b>4669</b>	<b>4217</b>			<b>8886</b>	<b>TOTALS</b>	<b>8653</b>	<b>8753</b>			<b>17406</b>	
<b>SPLIT %</b>	<b>52.5%</b>	<b>47.5%</b>			<b>33.8%</b>	<b>SPLIT %</b>	<b>49.7%</b>	<b>50.3%</b>			<b>66.2%</b>	

DAILY TOTALS						NB	SB			EB	WB	Total
						13,322	12,970			0	0	26,292

AM Peak Hour	11:00	11:00			11:00	PM Peak Hour	15:45	16:30			16:30
AM Pk Volume	869	919			1788	PM Pk Volume	992	1097			2055
Pk Hr Factor	0.913	0.894			0.949	Pk Hr Factor	0.943	0.923			0.966
7 - 9 Volume	1291	1039	0	0	2330	4 - 6 Volume	1915	2073	0	0	3988
7 - 9 Peak Hour	07:45	08:00			08:00	4 - 6 Peak Hour	16:00	16:30			16:30
7 - 9 Pk Volume	705	609	0	0	1313	4 - 6 Pk Volume	966	1097	0	0	2055
Pk Hr Factor	0.948	0.855	0.000	0.000	0.904	Pk Hr Factor	0.918	0.923	0.000	0.000	0.966



### VOLUME

Hawthorne Blvd Bet. 135th St & Rosecrans Ave

Day: Thursday  
Date: 6/17/2021

City: Hawthorne  
Project #: CA21\_020179\_033

DAILY TOTALS					NB	SB	EB	WB	Total		
					13,603	14,814	0	0	28,417		
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
00:00	40	38			78	12:00	235	239			474
00:15	47	37			84	12:15	218	255			473
00:30	30	21			51	12:30	218	236			454
00:45	24	141	22	118	46	12:45	242	913	255	985	497
01:00	33	22			55	13:00	250	259			509
01:15	21	24			45	13:15	236	227			463
01:30	16	32			48	13:30	233	252			485
01:45	15	85	15	93	30	13:45	217	936	237	975	454
02:00	23	21			44	14:00	203	242			445
02:15	18	22			40	14:15	218	276			494
02:30	21	11			32	14:30	215	258			473
02:45	14	76	7	61	21	14:45	230	866	289	1065	519
03:00	9	12			21	15:00	263	289			552
03:15	7	16			23	15:15	224	297			521
03:30	12	20			32	15:30	239	282			521
03:45	18	46	19	67	37	15:45	239	965	274	1142	513
04:00	19	13			32	16:00	229	281			510
04:15	13	18			31	16:15	224	288			512
04:30	18	35			53	16:30	260	303			563
04:45	38	88	36	102	74	16:45	233	946	284	1156	517
05:00	28	45			73	17:00	249	339			588
05:15	28	42			70	17:15	232	283			515
05:30	44	63			107	17:30	236	278			514
05:45	49	149	57	207	106	17:45	239	956	345	1245	584
06:00	42	63			105	18:00	257	275			532
06:15	58	97			155	18:15	263	278			541
06:30	87	98			185	18:30	207	239			446
06:45	102	289	109	367	211	18:45	225	952	220	1012	445
07:00	95	110			205	19:00	199	225			424
07:15	98	125			223	19:15	191	212			403
07:30	131	169			300	19:30	187	175			362
07:45	140	464	171	575	311	19:45	181	758	182	794	363
08:00	125	186			311	20:00	216	187			403
08:15	161	155			316	20:15	181	163			344
08:30	152	177			329	20:30	203	153			356
08:45	180	618	182	700	362	20:45	207	807	134	637	341
09:00	179	178			357	21:00	157	165			322
09:15	168	165			333	21:15	164	113			277
09:30	157	174			331	21:30	139	117			256
09:45	200	704	185	702	385	21:45	128	588	91	486	219
10:00	184	202			386	22:00	115	100			215
10:15	190	177			367	22:15	142	88			230
10:30	172	201			373	22:30	93	64			157
10:45	174	720	222	802	396	22:45	71	421	68	320	139
11:00	221	230			451	23:00	62	72			134
11:15	225	244			469	23:15	79	64			143
11:30	213	252			465	23:30	67	54			121
11:45	203	862	239	965	442	23:45	45	253	48	238	93
<b>TOTALS</b>	4242	4759			<b>9001</b>	<b>TOTALS</b>	9361	10055			<b>19416</b>
<b>SPLIT %</b>	47.1%	52.9%			<b>31.7%</b>	<b>SPLIT %</b>	48.2%	51.8%			<b>68.3%</b>

DAILY TOTALS					NB	SB	EB	WB	Total
					13,603	14,814	0	0	28,417
AM Peak Hour	11:15	11:30			11:30	PM Peak Hour	17:30	17:00	17:00
AM Pk Volume	876	985			1854	PM Pk Volume	995	1245	2201
Pk Hr Factor	0.932	0.966			0.978	Pk Hr Factor	0.946	0.902	0.936
7 - 9 Volume	1082	1275	0	0	2357	4 - 6 Volume	1902	2401	4303
7 - 9 Peak Hour	08:00	08:00			08:00	4 - 6 Peak Hour	16:30	17:00	17:00
7 - 9 Pk Volume	618	700	0	0	1318	4 - 6 Pk Volume	974	1245	2201
Pk Hr Factor	0.858	0.941	0.000	0.000	0.910	Pk Hr Factor	0.937	0.902	0.936

### VOLUME

Birch Ave Bet. 120th St & El Segundo Blvd

Day: Tuesday  
Date: 6/15/2021

City: Hawthorne  
Project #: CA21\_020179\_034

DAILY TOTALS					NB	SB	EB	WB	Total		
					1,579	2,849	0	0	4,428		
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
00:00	7	5			12	12:00	17	58			75
00:15	4	1			5	12:15	28	72			100
00:30	2	8			10	12:30	24	44			68
00:45	2	15	7	21	9	12:45	22	91	72	246	94
					36						337
01:00	1	2			3	13:00	33	69			102
01:15	2	5			7	13:15	30	46			76
01:30	1	4			5	13:30	28	44			72
01:45	2	6	1	12	3	13:45	24	115	41	200	65
					18						315
02:00	2	2			4	14:00	15	45			60
02:15	1	1			2	14:15	25	51			76
02:30	3	0			3	14:30	22	60			82
02:45	1	7	2	5	3	14:45	22	84	40	196	62
					12						280
03:00	0	1			1	15:00	22	49			71
03:15	1	1			2	15:15	34	62			96
03:30	1	1			2	15:30	26	42			68
03:45	1	3	1	4	2	15:45	33	115	44	197	77
					7						312
04:00	0	1			1	16:00	26	42			68
04:15	4	1			5	16:15	28	51			79
04:30	3	6			9	16:30	39	48			87
04:45	0	7	4	12	4	16:45	33	126	76	217	109
					19						343
05:00	0	6			6	17:00	33	87			120
05:15	3	6			9	17:15	27	70			97
05:30	3	11			14	17:30	18	49			67
05:45	10	16	12	35	22	17:45	18	96	49	255	67
					51						351
06:00	8	5			13	18:00	31	49			80
06:15	17	39			56	18:15	35	40			75
06:30	22	21			43	18:30	24	53			77
06:45	22	69	29	94	51	18:45	22	112	31	173	53
					163						285
07:00	16	46			62	19:00	39	39			78
07:15	14	21			35	19:15	29	34			63
07:30	29	22			51	19:30	33	38			71
07:45	31	90	33	122	64	19:45	22	123	32	143	54
					212						266
08:00	28	47			75	20:00	14	20			34
08:15	16	41			57	20:15	19	30			49
08:30	13	34			47	20:30	20	25			45
08:45	19	76	31	153	50	20:45	21	74	24	99	45
					229						173
09:00	20	31			51	21:00	18	29			47
09:15	20	32			52	21:15	17	24			41
09:30	16	27			43	21:30	9	20			29
09:45	16	72	36	126	52	21:45	14	58	16	89	30
					198						147
10:00	15	35			50	22:00	10	10			20
10:15	22	32			54	22:15	8	11			19
10:30	19	31			50	22:30	9	18			27
10:45	20	76	40	138	60	22:45	4	31	13	52	17
					214						83
11:00	23	54			77	23:00	16	9			25
11:15	21	71			92	23:15	9	5			14
11:30	22	58			80	23:30	4	10			14
11:45	17	83	48	231	65	23:45	5	34	5	29	10
					314						63
<b>TOTALS</b>	520	953			1473	<b>TOTALS</b>	1059	1896			2955
<b>SPLIT %</b>	35.3%	64.7%			33.3%	<b>SPLIT %</b>	35.8%	64.2%			66.7%

DAILY TOTALS					NB	SB	EB	WB	Total
					1,579	2,849	0	0	4,428
AM Peak Hour	07:30	11:30			11:30	PM Peak Hour	16:15	16:45	16:30
AM Pk Volume	104	236			320	PM Pk Volume	133	282	413
Pk Hr Factor	0.839	0.819			0.800	Pk Hr Factor	0.853	0.810	0.860
7 - 9 Volume	166	275	0	0	441	4 - 6 Volume	222	472	694
7 - 9 Peak Hour	07:30	07:45			07:30	4 - 6 Peak Hour	16:15	16:45	16:30
7 - 9 Pk Volume	104	155	0	0	247	4 - 6 Pk Volume	133	282	413
Pk Hr Factor	0.839	0.824	0.000	0.000	0.823	Pk Hr Factor	0.853	0.810	0.860

# VOLUME

Prairie Ave Bet. Imperial Hwy & 120th St

Day: Tuesday  
Date: 7/27/2021

City: Hawthorne  
Project #: CA21\_020179\_035

DAILY TOTALS					NB	SB	EB	WB	Total		
					10,863	12,597	0	0	23,460		
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
00:00	30	53			83	12:00	157	209			366
00:15	34	51			85	12:15	161	191			352
00:30	18	38			56	12:30	153	171			324
00:45	27	109	35	177	62	12:45	155	626	196	767	351
01:00	17	26			43	13:00	149	193			342
01:15	13	17			30	13:15	145	177			322
01:30	26	28			54	13:30	141	177			318
01:45	24	80	24	95	48	13:45	145	580	200	747	345
02:00	21	20			41	14:00	195	206			401
02:15	15	24			39	14:15	185	223			408
02:30	16	20			36	14:30	184	241			425
02:45	11	63	16	80	27	14:45	181	745	220	890	401
03:00	15	14			29	15:00	153	218			371
03:15	15	15			30	15:15	169	221			390
03:30	24	17			41	15:30	198	235			433
03:45	24	78	20	66	44	15:45	179	699	223	897	402
04:00	19	11			30	16:00	168	245			413
04:15	20	15			35	16:15	197	247			444
04:30	39	29			68	16:30	197	232			429
04:45	44	122	51	106	95	16:45	182	744	258	982	440
05:00	29	59			88	17:00	196	225			421
05:15	48	45			93	17:15	184	253			437
05:30	59	48			107	17:30	212	258			470
05:45	64	200	62	214	126	17:45	179	771	234	970	413
06:00	82	74			156	18:00	200	235			435
06:15	108	93			201	18:15	214	238			452
06:30	111	90			201	18:30	189	212			401
06:45	118	419	104	361	222	18:45	152	755	225	910	377
07:00	118	106			224	19:00	139	164			303
07:15	137	110			247	19:15	147	168			315
07:30	152	152			304	19:30	152	172			324
07:45	172	579	147	515	319	19:45	155	593	158	662	313
08:00	164	153			317	20:00	136	176			312
08:15	131	175			306	20:15	126	159			285
08:30	166	146			312	20:30	131	117			248
08:45	150	611	156	630	306	20:45	92	485	130	582	222
09:00	149	152			301	21:00	104	98			202
09:15	136	164			300	21:15	83	122			205
09:30	145	140			285	21:30	104	110			214
09:45	163	593	158	614	321	21:45	81	372	89	419	170
10:00	136	167			303	22:00	86	86			172
10:15	138	146			284	22:15	64	77			141
10:30	146	151			297	22:30	68	84			152
10:45	144	564	183	647	327	22:45	61	279	71	318	132
11:00	144	160			304	23:00	55	67			122
11:15	167	151			318	23:15	38	83			121
11:30	156	175			331	23:30	50	62			112
11:45	154	621	186	672	340	23:45	32	175	64	276	96
<b>TOTALS</b>	4039	4177			8216	<b>TOTALS</b>	6824	8420			15244
<b>SPLIT %</b>	49.2%	50.8%			35.0%	<b>SPLIT %</b>	44.8%	55.2%			65.0%

DAILY TOTALS					NB	SB	EB	WB	Total
					10,863	12,597	0	0	23,460
AM Peak Hour	11:15	11:30			11:30	PM Peak Hour	17:30	16:45	17:30
AM Pk Volume	634	761			1389	PM Pk Volume	805	994	1770
Pk Hr Factor	0.949	0.910			0.949	Pk Hr Factor	0.940	0.963	0.941
7 - 9 Volume	1190	1145	0	0	2335	4 - 6 Volume	1515	1952	0
7 - 9 Peak Hour	07:45	08:00			07:45	4 - 6 Peak Hour	16:45	16:45	0
7 - 9 Pk Volume	633	630	0	0	1254	4 - 6 Pk Volume	774	994	0
Pk Hr Factor	0.920	0.900	0.000	0.000	0.983	Pk Hr Factor	0.913	0.963	0.000

**VOLUME**

Prairie Ave Bet. 120th St &amp; El Segundo Blvd

Day: Tuesday  
Date: 8/3/2021City: Hawthorne  
Project #: CA21\_020179\_036

DAILY TOTALS					NB	SB	EB	WB	Total			
					14,393	12,116	0	0	26,509			
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL	
00:00	50	47			97	12:00	216	165			381	
00:15	40	52			92	12:15	214	175			389	
00:30	52	33			85	12:30	253	142			395	
00:45	40	182	27	159	67	12:45	229	912	168	650	397	1562
01:00	33	26			59	13:00	224	163			387	
01:15	29	26			55	13:15	253	187			440	
01:30	25	32			57	13:30	241	177			418	
01:45	28	115	28	112	56	13:45	244	962	212	739	456	1701
02:00	26	15			41	14:00	222	174			396	
02:15	29	25			54	14:15	216	214			430	
02:30	19	20			39	14:30	251	205			456	
02:45	21	95	17	77	38	14:45	258	947	219	812	477	1759
03:00	22	15			37	15:00	236	217			453	
03:15	17	22			39	15:15	243	209			452	
03:30	19	17			36	15:30	281	211			492	
03:45	26	84	29	83	55	15:45	264	1024	232	869	496	1893
04:00	30	13			43	16:00	249	237			486	
04:15	19	18			37	16:15	266	230			496	
04:30	36	36			72	16:30	258	205			463	
04:45	60	145	63	130	123	16:45	280	1053	254	926	534	1979
05:00	52	48			100	17:00	298	209			507	
05:15	56	44			100	17:15	285	252			537	
05:30	51	64			115	17:30	252	252			504	
05:45	68	227	72	228	140	17:45	305	1140	241	954	546	2094
06:00	85	78			163	18:00	242	214			456	
06:15	88	90			178	18:15	236	205			441	
06:30	121	83			204	18:30	251	212			463	
06:45	103	397	102	353	205	18:45	228	957	211	842	439	1799
07:00	138	94			232	19:00	198	184			382	
07:15	150	120			270	19:15	199	162			361	
07:30	173	124			297	19:30	203	159			362	
07:45	142	603	142	480	284	19:45	184	784	146	651	330	1435
08:00	162	137			299	20:00	151	154			305	
08:15	159	171			330	20:15	142	182			324	
08:30	197	152			349	20:30	166	143			309	
08:45	201	719	128	588	329	20:45	139	598	128	607	267	1205
09:00	174	158			332	21:00	126	104			230	
09:15	171	138			309	21:15	130	130			260	
09:30	183	145			328	21:30	121	123			244	
09:45	218	746	146	587	364	21:45	88	465	110	467	198	932
10:00	173	152			325	22:00	98	74			172	
10:15	201	132			333	22:15	104	90			194	
10:30	190	141			331	22:30	95	85			180	
10:45	190	754	174	599	364	22:45	98	395	62	311	160	706
11:00	219	154			373	23:00	68	84			152	
11:15	193	138			331	23:15	82	79			161	
11:30	191	157			348	23:30	64	65			129	
11:45	200	803	136	585	336	23:45	72	286	79	307	151	593
<b>TOTALS</b>	4870	3981			<b>8851</b>	<b>TOTALS</b>	9523	8135			<b>17658</b>	
<b>SPLIT %</b>	55.0%	45.0%			<b>33.4%</b>	<b>SPLIT %</b>	53.9%	46.1%			<b>66.6%</b>	

DAILY TOTALS					NB	SB	EB	WB	Total	
					14,393	12,116	0	0	26,509	
AM Peak Hour	11:45	11:30			11:45	PM Peak Hour	17:00	16:45	17:00	
AM Pk Volume	883	633			1501	PM Pk Volume	1140	967	2094	
Pk Hr Factor	0.873	0.904			0.950	Pk Hr Factor	0.934	0.952	0.959	
7 - 9 Volume	1322	1068	0	0	2390	4 - 6 Volume	2193	1880	0	4073
7 - 9 Peak Hour	08:00	07:45			08:00	4 - 6 Peak Hour	17:00	16:45		17:00
7 - 9 Pk Volume	719	602	0	0	1307	4 - 6 Pk Volume	1140	967	0	2094
Pk Hr Factor	0.894	0.880	0.000	0.000	0.936	Pk Hr Factor	0.934	0.952	0.000	0.959

# VOLUME

Prairie Ave Bet. El Segundo Blvd & 135th St

Day: Tuesday  
Date: 7/27/2021

City: Hawthorne  
Project #: CA21\_020179\_037

DAILY TOTALS					NB	SB	EB	WB	Total		
					11,047	11,379	0	0	22,426		
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
00:00	29	40			69	12:00	145	167			312
00:15	38	33			71	12:15	180	182			362
00:30	20	27			47	12:30	153	169			322
00:45	12	99	23	123	35	12:45	177	655	189	707	366
01:00	16	12			28	13:00	174	168			342
01:15	19	19			38	13:15	162	162			324
01:30	13	31			44	13:30	149	165			314
01:45	16	64	21	83	37	13:45	156	641	188	683	344
02:00	13	8			21	14:00	167	190			357
02:15	13	17			30	14:15	184	193			377
02:30	15	12			27	14:30	199	217			416
02:45	9	50	17	54	26	14:45	180	730	209	809	389
03:00	18	11			29	15:00	185	199			384
03:15	13	21			34	15:15	191	202			393
03:30	16	15			31	15:30	188	198			386
03:45	23	70	14	61	37	15:45	190	754	203	802	393
04:00	24	15			39	16:00	189	222			411
04:15	22	12			34	16:15	192	240			432
04:30	35	27			62	16:30	201	251			452
04:45	29	110	39	93	68	16:45	206	788	222	935	428
05:00	32	44			76	17:00	216	246			462
05:15	51	51			102	17:15	207	240			447
05:30	67	72			139	17:30	245	238			483
05:45	84	234	43	210	127	17:45	192	860	211	935	403
06:00	82	75			157	18:00	225	251			476
06:15	104	82			186	18:15	175	224			399
06:30	121	81			202	18:30	149	186			335
06:45	121	428	100	338	221	18:45	175	724	189	850	364
07:00	123	106			229	19:00	133	166			299
07:15	109	110			219	19:15	152	160			312
07:30	141	138			279	19:30	164	137			301
07:45	144	517	129	483	273	19:45	138	587	147	610	285
08:00	170	114			284	20:00	167	138			305
08:15	158	139			297	20:15	152	128			280
08:30	130	132			262	20:30	129	123			252
08:45	134	592	110	495	244	20:45	116	564	100	489	216
09:00	136	139			275	21:00	130	101			231
09:15	137	131			268	21:15	125	87			212
09:30	109	145			254	21:30	103	105			208
09:45	134	516	142	557	276	21:45	94	452	87	380	181
10:00	144	142			286	22:00	98	72			170
10:15	143	126			269	22:15	66	75			141
10:30	127	137			264	22:30	72	58			130
10:45	138	552	154	559	292	22:45	75	311	74	279	149
11:00	149	145			294	23:00	52	48			100
11:15	117	137			254	23:15	39	67			106
11:30	162	167			329	23:30	40	55			95
11:45	149	577	171	620	320	23:45	41	172	54	224	95
<b>TOTALS</b>	<b>3809</b>	<b>3676</b>			<b>7485</b>	<b>TOTALS</b>	<b>7238</b>	<b>7703</b>			<b>14941</b>
<b>SPLIT %</b>	<b>50.9%</b>	<b>49.1%</b>			<b>33.4%</b>	<b>SPLIT %</b>	<b>48.4%</b>	<b>51.6%</b>			<b>66.6%</b>

DAILY TOTALS					NB	SB	EB	WB	Total
					11,047	11,379	0	0	22,426
AM Peak Hour	11:30	11:45			11:30	PM Peak Hour	16:45	16:15	16:45
AM Pk Volume	636	689			1323	PM Pk Volume	874	959	1820
Pk Hr Factor	0.883	0.946			0.914	Pk Hr Factor	0.892	0.955	0.942
7 - 9 Volume	1109	978	0	0	2087	4 - 6 Volume	1648	1870	3518
7 - 9 Peak Hour	07:30	07:30			07:30	4 - 6 Peak Hour	16:45	16:15	16:45
7 - 9 Pk Volume	613	520	0	0	1133	4 - 6 Pk Volume	874	959	1820
Pk Hr Factor	0.901	0.935	0.000	0.000	0.954	Pk Hr Factor	0.892	0.955	0.942

# VOLUME

Prairie Ave Bet. 135th St & Rosecrans Ave

Day: Tuesday  
Date: 7/27/2021

City: Hawthorne  
Project #: CA21\_020179\_038

DAILY TOTALS					NB	SB	EB	WB	Total		
					10,432	11,054	0	0	21,486		
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
00:00	32	16			48	12:00	150	159			309
00:15	34	24			58	12:15	158	170			328
00:30	16	19			35	12:30	160	166			326
00:45	11	93	19	78	30	12:45	171	639	180	675	351
01:00	14	13			27	13:00	166	173			339
01:15	15	12			27	13:15	134	155			289
01:30	11	17			28	13:30	167	166			333
01:45	9	49	16	58	25	13:45	162	629	202	696	364
02:00	8	14			22	14:00	158	182			340
02:15	11	7			18	14:15	198	191			389
02:30	9	14			23	14:30	186	194			380
02:45	7	35	12	47	19	14:45	189	731	211	778	400
03:00	16	11			27	15:00	175	229			404
03:15	11	10			21	15:15	175	188			363
03:30	9	13			22	15:30	191	238			429
03:45	18	54	20	54	38	15:45	199	740	223	878	422
04:00	18	9			27	16:00	193	212			405
04:15	12	19			31	16:15	214	202			416
04:30	25	14			39	16:30	189	224			413
04:45	20	75	33	75	53	16:45	207	803	246	884	453
05:00	23	46			69	17:00	206	224			430
05:15	20	50			70	17:15	227	235			462
05:30	46	74			120	17:30	246	236			482
05:45	56	145	76	246	132	17:45	203	882	228	923	431
06:00	56	65			121	18:00	215	197			412
06:15	61	71			132	18:15	175	207			382
06:30	81	94			175	18:30	191	182			373
06:45	78	276	96	326	174	18:45	166	747	173	759	339
07:00	80	112			192	19:00	152	148			300
07:15	107	134			241	19:15	168	158			326
07:30	94	150			244	19:30	177	137			314
07:45	109	390	184	580	293	19:45	161	658	125	568	286
08:00	134	134			268	20:00	172	129			301
08:15	110	132			242	20:15	141	118			259
08:30	109	169			278	20:30	152	96			248
08:45	113	466	122	557	235	20:45	124	589	90	433	214
09:00	119	148			267	21:00	128	82			210
09:15	115	148			263	21:15	132	78			210
09:30	97	143			240	21:30	99	71			170
09:45	134	465	144	583	278	21:45	85	444	71	302	156
10:00	121	150			271	22:00	100	58			158
10:15	125	162			287	22:15	75	53			128
10:30	130	154			284	22:30	76	59			135
10:45	138	514	155	621	293	22:45	59	310	39	209	98
11:00	125	139			264	23:00	55	40			95
11:15	123	133			256	23:15	41	37			78
11:30	148	151			299	23:30	46	35			81
11:45	130	526	160	583	290	23:45	30	172	29	141	59
<b>TOTALS</b>	<b>3088</b>	<b>3808</b>			<b>6896</b>	<b>TOTALS</b>	<b>7344</b>	<b>7246</b>			<b>14590</b>
<b>SPLIT %</b>	<b>44.8%</b>	<b>55.2%</b>			<b>32.1%</b>	<b>SPLIT %</b>	<b>50.3%</b>	<b>49.7%</b>			<b>67.9%</b>

DAILY TOTALS					NB	SB	EB	WB	Total
					10,432	11,054	0	0	21,486
AM Peak Hour	11:45	11:45			11:45	PM Peak Hour	17:15	16:45	16:45
AM Pk Volume	598	655			1253	PM Pk Volume	891	941	1827
Pk Hr Factor	0.934	0.963			0.955	Pk Hr Factor	0.905	0.956	0.948
7 - 9 Volume	856	1137	0	0	1993	4 - 6 Volume	1685	1807	0
7 - 9 Peak Hour	08:00	07:45			07:45	4 - 6 Peak Hour	16:45	16:45	16:45
7 - 9 Pk Volume	466	619	0	0	1081	4 - 6 Pk Volume	886	941	0
Pk Hr Factor	0.869	0.841	0.000	0.000	0.922	Pk Hr Factor	0.900	0.956	0.000

# VOLUME

Prairie Ave Bet. Rosecrans Ave & Marine Ave

Day: Tuesday  
Date: 8/3/2021

City: Hawthorne  
Project #: CA21\_020179\_039

DAILY TOTALS					NB	SB	EB	WB	Total		
					10,025	10,453	0	0	20,478		
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
00:00	19	26			45	12:00	135	140			275
00:15	25	21			46	12:15	172	158			330
00:30	13	15			28	12:30	155	148			303
00:45	16	73	12	74	28	12:45	140	602	164	610	304
01:00	18	17			35	13:00	180	168			348
01:15	14	13			27	13:15	149	160			309
01:30	11	11			22	13:30	146	159			305
01:45	5	48	8	49	13	13:45	155	630	142	629	297
02:00	4	10			14	14:00	173	196			369
02:15	8	10			18	14:15	196	183			379
02:30	8	10			18	14:30	193	162			355
02:45	7	27	9	39	16	14:45	210	772	192	733	402
03:00	16	9			25	15:00	159	208			367
03:15	7	5			12	15:15	173	192			365
03:30	8	9			17	15:30	204	177			381
03:45	10	41	11	34	21	15:45	201	737	231	808	432
04:00	10	13			23	16:00	215	189			404
04:15	10	15			25	16:15	221	220			441
04:30	15	20			35	16:30	183	208			391
04:45	22	57	20	68	42	16:45	218	837	248	865	466
05:00	19	17			36	17:00	193	213			406
05:15	20	22			42	17:15	233	218			451
05:30	34	33			67	17:30	225	230			455
05:45	37	110	40	112	77	17:45	216	867	191	852	407
06:00	49	41			90	18:00	179	195			374
06:15	40	53			93	18:15	202	210			412
06:30	62	54			116	18:30	180	170			350
06:45	63	214	70	218	133	18:45	185	746	182	757	367
07:00	62	77			139	19:00	163	146			309
07:15	92	90			182	19:15	163	171			334
07:30	83	127			210	19:30	168	164			332
07:45	103	340	103	397	206	19:45	144	638	149	630	293
08:00	133	147			280	20:00	168	138			306
08:15	99	109			208	20:15	148	162			310
08:30	107	100			207	20:30	126	119			245
08:45	92	431	127	483	219	20:45	119	561	113	532	232
09:00	134	134			268	21:00	106	118			224
09:15	116	126			242	21:15	121	111			232
09:30	117	130			247	21:30	100	120			220
09:45	122	489	141	531	263	21:45	75	402	82	431	157
10:00	118	136			254	22:00	83	73			156
10:15	117	122			239	22:15	70	74			144
10:30	123	143			266	22:30	70	58			128
10:45	102	460	126	527	228	22:45	57	280	60	265	117
11:00	119	154			273	23:00	46	54			100
11:15	120	154			274	23:15	35	45			80
11:30	148	163			311	23:30	55	48			103
11:45	111	498	153	624	264	23:45	29	165	38	185	67
<b>TOTALS</b>	<b>2788</b>	<b>3156</b>			<b>5944</b>	<b>TOTALS</b>	<b>7237</b>	<b>7297</b>			<b>14534</b>
<b>SPLIT %</b>	<b>46.9%</b>	<b>53.1%</b>			<b>29.0%</b>	<b>SPLIT %</b>	<b>49.8%</b>	<b>50.2%</b>			<b>71.0%</b>

DAILY TOTALS					NB	SB	EB	WB	Total
					10,025	10,453	0	0	20,478
AM Peak Hour	11:45	11:00			11:30	PM Peak Hour	16:45	16:45	16:45
AM Pk Volume	573	624			1180	PM Pk Volume	869	909	1778
Pk Hr Factor	0.833	0.957			0.894	Pk Hr Factor	0.932	0.916	0.954
7 - 9 Volume	771	880	0	0	1651	4 - 6 Volume	1704	1717	3421
7 - 9 Peak Hour	07:45	07:30			08:00	4 - 6 Peak Hour	16:45	16:45	16:45
7 - 9 Pk Volume	442	486	0	0	914	4 - 6 Pk Volume	869	909	1778
Pk Hr Factor	0.831	0.827	0.000	0.000	0.816	Pk Hr Factor	0.932	0.916	0.954

### VOLUME

Crenshaw Blvd Bet. 120th St & El Segundo Blvd

Day: Thursday  
Date: 6/17/2021

City: Hawthorne  
Project #: CA21\_020179\_040

DAILY TOTALS					NB	SB	EB	WB	Total		
					20,505	20,761	0	0	41,266		
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
00:00	110	98			208	12:00	298	292			590
00:15	94	79			173	12:15	291	299			590
00:30	75	58			133	12:30	300	302			602
00:45	45	324	49	284	608	12:45	286	1175	306	1199	2374
01:00	67	52			119	13:00	312	319			631
01:15	55	39			94	13:15	359	314			673
01:30	74	36			110	13:30	363	328			691
01:45	74	270	50	177	447	13:45	336	1370	306	1267	2637
02:00	105	52			157	14:00	288	319			607
02:15	69	44			113	14:15	343	309			652
02:30	45	34			79	14:30	365	316			681
02:45	52	271	45	175	446	14:45	303	1299	304	1248	2547
03:00	47	30			77	15:00	295	352			647
03:15	41	41			82	15:15	280	325			605
03:30	40	41			81	15:30	395	319			714
03:45	50	178	84	196	374	15:45	310	1280	341	1337	2617
04:00	57	81			138	16:00	343	280			623
04:15	63	105			168	16:15	270	330			600
04:30	100	169			269	16:30	324	321			645
04:45	104	324	262	617	941	16:45	318	1255	318	1249	2504
05:00	110	186			296	17:00	307	349			656
05:15	111	122			233	17:15	319	336			655
05:30	175	119			294	17:30	321	354			675
05:45	160	556	165	592	1148	17:45	321	1268	332	1371	2639
06:00	200	163			363	18:00	291	346			637
06:15	216	175			391	18:15	285	342			627
06:30	223	172			395	18:30	289	320			609
06:45	243	882	186	696	1578	18:45	293	1158	299	1307	2465
07:00	255	187			442	19:00	274	262			536
07:15	245	181			426	19:15	249	326			575
07:30	255	201			456	19:30	239	275			514
07:45	286	1041	253	822	1863	19:45	253	1015	314	1177	2192
08:00	249	249			498	20:00	243	289			532
08:15	290	251			541	20:15	254	285			539
08:30	270	290			560	20:30	205	275			480
08:45	294	1103	304	1094	2197	20:45	213	915	232	1081	1996
09:00	240	256			496	21:00	205	211			416
09:15	256	266			522	21:15	182	220			402
09:30	235	255			490	21:30	197	217			414
09:45	259	990	283	1060	2050	21:45	187	771	164	812	1583
10:00	248	267			515	22:00	171	153			324
10:15	113	124			237	22:15	139	140			279
10:30	253	287			540	22:30	166	153			319
10:45	273	887	263	941	1828	22:45	128	604	119	565	1169
11:00	254	263			517	23:00	134	117			251
11:15	256	274			530	23:15	119	107			226
11:30	314	245			559	23:30	116	117			233
11:45	271	1095	279	1061	2156	23:45	105	474	92	433	907
<b>TOTALS</b>	<b>7921</b>	<b>7715</b>			<b>15636</b>	<b>TOTALS</b>	<b>12584</b>	<b>13046</b>			<b>25630</b>
<b>SPLIT %</b>	<b>50.7%</b>	<b>49.3%</b>			<b>37.9%</b>	<b>SPLIT %</b>	<b>49.1%</b>	<b>50.9%</b>			<b>62.1%</b>

DAILY TOTALS					NB	SB	EB	WB	Total
					20,505	20,761	0	0	41,266
AM Peak Hour	11:30	11:45			11:45	PM Peak Hour	13:00	17:30	17:00
AM Pk Volume	1174	1172			2332	PM Pk Volume	1370	1374	2639
Pk Hr Factor	0.935	0.970			0.968	Pk Hr Factor	0.944	0.970	0.977
7 - 9 Volume	2144	1916	0	0	4060	4 - 6 Volume	2523	2620	5143
7 - 9 Peak Hour	08:00	08:00			08:00	4 - 6 Peak Hour	16:30	17:00	17:00
7 - 9 Pk Volume	1103	1094	0	0	2197	4 - 6 Pk Volume	1268	1371	2639
Pk Hr Factor	0.938	0.900	0.000	0.000	0.918	Pk Hr Factor	0.978	0.968	0.977



# VOLUME

Crenshaw Blvd Bet. El Segundo Blvd & 132nd St

Day: Thursday  
Date: 6/17/2021

City: Hawthorne  
Project #: CA21\_020179\_041

DAILY TOTALS						NB	SB	EB		WB	Total	
						16,682	15,577	0		0	32,259	
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL	
00:00	53	89			142	12:00	237	254			491	
00:15	57	65			122	12:15	231	236			467	
00:30	32	47			79	12:30	269	244			513	
00:45	25	167	38	239	63	12:45	233	970	214	948	447	1918
01:00	46	48			94	13:00	258	283			541	
01:15	32	42			74	13:15	240	214			454	
01:30	20	33			53	13:30	247	235			482	
01:45	25	123	40	163	65	13:45	226	971	251	983	477	1954
02:00	23	47			70	14:00	231	254			485	
02:15	28	34			62	14:15	277	244			521	
02:30	24	24			48	14:30	267	244			511	
02:45	23	98	27	132	50	14:45	252	1027	238	980	490	2007
03:00	24	11			35	15:00	258	238			496	
03:15	21	21			42	15:15	245	250			495	
03:30	40	18			58	15:30	248	293			541	
03:45	43	128	26	76	69	15:45	223	974	314	1095	537	2069
04:00	52	30			82	16:00	255	242			497	
04:15	50	20			70	16:15	232	293			525	
04:30	92	32			124	16:30	249	279			528	
04:45	99	293	38	120	137	16:45	257	993	296	1110	553	2103
05:00	98	49			147	17:00	243	315			558	
05:15	101	50			151	17:15	279	293			572	
05:30	167	53			220	17:30	257	332			589	
05:45	168	534	84	236	252	17:45	257	1036	311	1251	568	2287
06:00	160	74			234	18:00	242	295			537	
06:15	197	95			292	18:15	227	294			521	
06:30	218	100			318	18:30	231	289			520	
06:45	214	789	114	383	328	18:45	220	920	233	1111	453	2031
07:00	240	128			368	19:00	221	231			452	
07:15	217	103			320	19:15	223	260			483	
07:30	247	155			402	19:30	186	247			433	
07:45	272	976	161	547	433	19:45	198	828	231	969	429	1797
08:00	241	177			418	20:00	201	221			422	
08:15	269	159			428	20:15	193	219			412	
08:30	285	167			452	20:30	157	228			385	
08:45	281	1076	169	672	450	20:45	159	710	185	853	344	1563
09:00	219	164			383	21:00	198	146			344	
09:15	238	148			386	21:15	152	183			335	
09:30	215	176			391	21:30	179	168			347	
09:45	226	898	161	649	387	21:45	135	664	137	634	272	1298
10:00	212	203			415	22:00	140	120			260	
10:15	192	125			317	22:15	105	111			216	
10:30	222	202			424	22:30	107	144			251	
10:45	201	827	219	749	420	22:45	97	449	103	478	200	927
11:00	206	196			402	23:00	76	86			162	
11:15	233	196			429	23:15	88	90			178	
11:30	239	232			471	23:30	63	100			163	
11:45	258	936	210	834	468	23:45	68	295	89	365	157	660
<b>TOTALS</b>	<b>6845</b>	<b>4800</b>			<b>11645</b>	<b>TOTALS</b>	<b>9837</b>	<b>10777</b>			<b>20614</b>	
<b>SPLIT %</b>	<b>58.8%</b>	<b>41.2%</b>			<b>36.1%</b>	<b>SPLIT %</b>	<b>47.7%</b>	<b>52.3%</b>			<b>63.9%</b>	

DAILY TOTALS						NB	SB	EB		WB	Total
						16,682	15,577	0		0	32,259
AM Peak Hour	08:00	11:45			11:45	PM Peak Hour	14:15	17:00			17:00
AM Pk Volume	1076	944			1939	PM Pk Volume	1054	1251			2287
Pk Hr Factor	0.944	0.929			0.945	Pk Hr Factor	0.951	0.942			0.971
7 - 9 Volume	2052	1219	0	0	3271	4 - 6 Volume	2029	2361	0	0	4390
7 - 9 Peak Hour	08:00	08:00			08:00	4 - 6 Peak Hour	16:45	17:00			17:00
7 - 9 Pk Volume	1076	672	0	0	1748	4 - 6 Pk Volume	1036	1251	0	0	2287
Pk Hr Factor	0.944	0.949	0.000	0.000	0.967	Pk Hr Factor	0.928	0.942	0.000	0.000	0.971

# VOLUME

Van Ness Ave Bet. Imperial Hwy & 120th St

Day: Thursday  
Date: 6/17/2021

City: Hawthorne  
Project #: CA21\_020179\_042

DAILY TOTALS					NB	SB	EB	WB	Total		
					10,633	10,191	0	0	20,824		
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
00:00	37	25			62	12:00	149	153			302
00:15	25	14			39	12:15	195	178			373
00:30	16	17			33	12:30	152	163			315
00:45	26	104	13	69	39	12:45	173	669	150	644	323
01:00	24	15			39	13:00	172	153			325
01:15	16	11			27	13:15	182	151			333
01:30	13	13			26	13:30	182	169			351
01:45	10	63	5	44	15	13:45	167	703	151	624	318
02:00	13	10			23	14:00	168	146			314
02:15	10	8			18	14:15	176	136			312
02:30	9	16			25	14:30	227	197			424
02:45	13	45	19	53	32	14:45	170	741	189	668	359
03:00	13	6			19	15:00	227	194			421
03:15	7	10			17	15:15	191	181			372
03:30	15	15			30	15:30	217	201			418
03:45	13	48	23	54	36	15:45	223	858	179	755	402
04:00	12	11			23	16:00	236	174			410
04:15	8	17			25	16:15	198	202			400
04:30	10	37			47	16:30	218	210			428
04:45	12	42	34	99	46	16:45	231	883	201	787	432
05:00	13	28			41	17:00	244	211			455
05:15	17	41			58	17:15	209	233			442
05:30	23	61			84	17:30	203	195			398
05:45	27	80	52	182	79	17:45	224	880	200	839	424
06:00	38	63			101	18:00	224	250			474
06:15	51	62			113	18:15	208	196			404
06:30	52	77			129	18:30	186	177			363
06:45	68	209	106	308	174	18:45	183	801	142	765	325
07:00	77	104			181	19:00	153	153			306
07:15	86	101			187	19:15	143	156			299
07:30	115	135			250	19:30	130	134			264
07:45	98	376	129	469	227	19:45	166	592	122	565	288
08:00	100	139			239	20:00	140	104			244
08:15	129	131			260	20:15	150	111			261
08:30	105	134			239	20:30	136	113			249
08:45	133	467	128	532	261	20:45	123	549	92	420	215
09:00	121	117			238	21:00	135	77			212
09:15	120	125			245	21:15	103	75			178
09:30	121	123			244	21:30	100	70			170
09:45	132	494	128	493	260	21:45	79	417	61	283	140
10:00	121	157			278	22:00	85	55			140
10:15	122	144			266	22:15	62	41			103
10:30	143	153			296	22:30	63	37			100
10:45	169	555	161	615	330	22:45	58	268	46	179	104
11:00	142	135			277	23:00	56	29			85
11:15	138	155			293	23:15	60	39			99
11:30	141	156			297	23:30	49	35			84
11:45	171	592	166	612	337	23:45	32	197	29	132	61
<b>TOTALS</b>	3075	3530			6605	<b>TOTALS</b>	7558	6661			14219
<b>SPLIT %</b>	46.6%	53.4%			31.7%	<b>SPLIT %</b>	53.2%	46.8%			68.3%

DAILY TOTALS					NB	SB	EB	WB	Total	
					10,633	10,191	0	0	20,824	
AM Peak Hour	11:45	11:45			11:45	PM Peak Hour	16:30	17:15	16:30	
AM Pk Volume	667	660			1327	PM Pk Volume	902	878	1757	
Pk Hr Factor	0.855	0.927			0.889	Pk Hr Factor	0.924	0.878	0.965	
7 - 9 Volume	843	1001	0	0	1844	4 - 6 Volume	1763	1626	0	3389
7 - 9 Peak Hour	08:00	07:30			08:00	4 - 6 Peak Hour	16:30	16:30		16:30
7 - 9 Pk Volume	467	534	0	0	999	4 - 6 Pk Volume	902	855	0	1757
Pk Hr Factor	0.878	0.960	0.000	0.000	0.957	Pk Hr Factor	0.924	0.917	0.000	0.965

# VOLUME

Van Ness Ave Bet. 120th St & El Segundo Blvd

Day: Thursday  
Date: 6/17/2021

City: Hawthorne  
Project #: CA21\_020179\_043

DAILY TOTALS					NB	SB	EB	WB	Total		
					13,581	13,110	0	0	26,691		
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
00:00	39	35			74	12:00	192	208			400
00:15	33	38			71	12:15	210	191			401
00:30	27	25			52	12:30	202	209			411
00:45	37	136	32	130	69	12:45	194	798	222	830	416
01:00	23	23			46	13:00	210	196			406
01:15	16	21			37	13:15	187	210			397
01:30	15	13			28	13:30	203	188			391
01:45	12	66	14	71	26	13:45	201	801	218	812	419
02:00	16	16			32	14:00	204	197			401
02:15	10	16			26	14:15	210	193			403
02:30	9	9			18	14:30	237	254			491
02:45	17	52	23	64	40	14:45	212	863	253	897	465
03:00	18	12			30	15:00	260	270			530
03:15	22	11			33	15:15	210	241			451
03:30	28	14			42	15:30	256	279			535
03:45	29	97	20	57	49	15:45	242	968	251	1041	493
04:00	31	7			38	16:00	265	283			548
04:15	29	20			49	16:15	233	257			490
04:30	35	25			60	16:30	233	303			536
04:45	38	133	37	89	75	16:45	260	991	283	1126	543
05:00	48	26			74	17:00	288	285			573
05:15	53	35			88	17:15	284	315			599
05:30	77	74			151	17:30	235	277			512
05:45	63	241	70	205	133	17:45	253	1060	278	1155	531
06:00	95	61			156	18:00	223	318			541
06:15	106	83			189	18:15	217	277			494
06:30	140	91			231	18:30	204	236			440
06:45	206	547	125	360	331	18:45	195	839	202	1033	397
07:00	221	93			314	19:00	162	214			376
07:15	207	104			311	19:15	154	222			376
07:30	213	135			348	19:30	162	174			336
07:45	213	854	146	478	359	19:45	162	640	158	768	320
08:00	191	142			333	20:00	162	158			320
08:15	209	120			329	20:15	127	154			281
08:30	202	142			344	20:30	146	131			277
08:45	210	812	156	560	366	20:45	138	573	137	580	275
09:00	194	149			343	21:00	120	109			229
09:15	195	134			329	21:15	106	115			221
09:30	160	133			293	21:30	81	92			173
09:45	199	748	139	555	338	21:45	76	383	86	402	162
10:00	164	168			332	22:00	65	80			145
10:15	170	179			349	22:15	72	56			128
10:30	212	173			385	22:30	64	61			125
10:45	183	729	195	715	378	22:45	51	252	66	263	117
11:00	176	162			338	23:00	63	47			110
11:15	202	191			393	23:15	64	40			104
11:30	208	186			394	23:30	50	46			96
11:45	180	766	201	740	381	23:45	55	232	46	179	101
<b>TOTALS</b>	<b>5181</b>	<b>4024</b>			<b>9205</b>	<b>TOTALS</b>	<b>8400</b>	<b>9086</b>			<b>17486</b>
<b>SPLIT %</b>	<b>56.3%</b>	<b>43.7%</b>			<b>34.5%</b>	<b>SPLIT %</b>	<b>48.0%</b>	<b>52.0%</b>			<b>65.5%</b>

DAILY TOTALS					NB	SB	EB	WB	Total
					13,581	13,110	0	0	26,691
AM Peak Hour	07:00	11:45			11:45	PM Peak Hour	16:45	17:15	16:30
AM Pk Volume	854	809			1593	PM Pk Volume	1067	1188	2251
Pk Hr Factor	0.966	0.968			0.969	Pk Hr Factor	0.926	0.934	0.939
7 - 9 Volume	1666	1038	0	0	2704	4 - 6 Volume	2051	2281	0
7 - 9 Peak Hour	07:00	08:00			08:00	4 - 6 Peak Hour	16:45	16:30	16:30
7 - 9 Pk Volume	854	560	0	0	1372	4 - 6 Pk Volume	1067	1186	0
Pk Hr Factor	0.966	0.897	0.000	0.000	0.937	Pk Hr Factor	0.926	0.941	0.000