

# **AGENDA**

## **PARKING AND TRAFFIC COMMISSION**

of the  
**CITY OF HANFORD**

**COUNCIL CHAMBERS**  
**400 N. Douty St.**  
**5:30 PM, Thursday, September 28, 2017**

### **CALL TO ORDER**

### **ROLL CALL**

### **FLAG SALUTE**

### **MINUTES APPROVAL**

1. Approve Minutes from July, 27 2017 Parking & Traffic Meeting

### **PUBLIC COMMENT**

*This is the time for citizens to comment on subject matters not on the agenda and that are within the jurisdiction of the Commission. A maximum of **three minutes** is allowed for each speaker. Please begin your comments by stating your name and providing your city of residence.*

### **STAFF REPORTS**

2. Removal of (5) Mid-Block Crosswalks
3. Crosswalk Request - Hume Avenue at Echo Lane
4. Crosswalk Request - Fitzgerald Lane at Bristol Lane
5. Intersection Study at Monterey Avenue and Sidonia Street
6. Intersection Study - Douty Street at Center Street / Tenth Street

### **STAFF COMMUNICATION**

7. Additional Parking - Tenth Street and Harris Street
8. Downtown Parking Study

## **9. City Council Actions**

### **COMMISSIONERS ITEMS OF INTEREST**

#### **ADJOURNMENT**

Materials related to an item on this Agenda submitted to the Parking & Traffic Commission after distribution of the agenda packet are available to public inspection in the Public Works Office located at 900 S. 10<sup>th</sup> Avenue, Hanford, California 93230, during normal business hours. Such documents are also available at the city's website, [www.cityofhanfordca.com](http://www.cityofhanfordca.com) subject to staff's ability to post documents before the meeting.

If you need a disability-related modification or accommodation, including auxiliary aids or services, to participate in this meeting, please contact the Public Works office, 559-585-7166, 900 S. 10<sup>th</sup> Avenue, Hanford, California 93230, at least 2 days prior to the meeting {28 CFR 35.102.35.104 ADA Title II}





**AGENDA  
STAFF REPORT**

|                                |                          |
|--------------------------------|--------------------------|
| <b>MEETING DATE:</b> 9/28/2017 | <b>AGENDA SECTION:</b> 1 |
|--------------------------------|--------------------------|

**SUBJECT:**

Approve Minutes from July, 27 2017 Parking & Traffic Meeting

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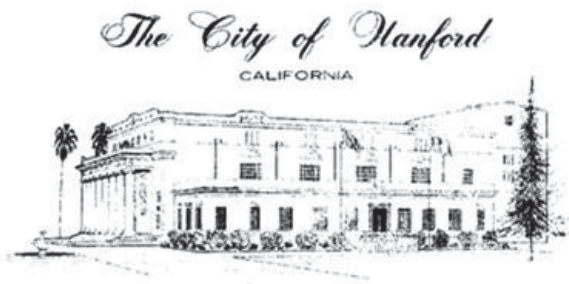
**RECOMMENDATION:**

That the Parking & Traffic Commission, by motion, approve the July 27, 2017 Parking & Traffic Minutes.

**FISCAL IMPACT:**

**ATTACHMENTS:**

7.27.17 minutes



**MINUTES**  
**PARKING AND TRAFFIC COMMISSION**  
 of the  
**CITY OF HANFORD**

**COUNCIL CHAMBERS**  
**400 N. Douty St.**  
**5:30 PM, Thursday, July 27, 2017**

**CALL TO ORDER**

Chairman DWIGGINS called the meeting to order at 5:30 pm.

**ROLL CALL**

| Attendee Name       | Title | Status  | Arrived |
|---------------------|-------|---------|---------|
| Glenda Dwyer        |       | Present |         |
| James MacLellan     |       | Absent  |         |
| Alex Dwiggins       |       | Present |         |
| Jeffrey Porterfield |       | Present |         |

Also in attendance:

Ed Woughter, Transportation Supervisor, Hanford Elementary School District

**FLAG SALUTE**

Chairman DWIGGINS led the flag salute.

**MINUTES APPROVAL**

**1. Approve Minutes from April 27, 2017 Parking & Traffic Commission Meeting**

Motion to accept the minutes.

|                  |                              |
|------------------|------------------------------|
| <b>RESULT:</b>   | <b>APPROVED [UNANIMOUS]</b>  |
| <b>MOVER:</b>    | Glenda Dwyer                 |
| <b>SECONDER:</b> | Jeffrey Porterfield          |
| <b>AYES:</b>     | Dwyer, Dwiggins, Porterfield |
| <b>ABSENT:</b>   | MacLellan                    |

**PUBLIC COMMENT**

Attachment: 7.27.17 minutes (Approve Minutes)

*This is the time for citizens to comment on subject matters not on the agenda and that are within the jurisdiction of the Commission. A maximum of **three minutes** is allowed for each speaker. Please begin your comments by stating your name and providing your city of residence.*

There were none given.

## **STAFF REPORTS**

### **2. Suggested Routes to School, Hanford Elementary School District**

Staff presented the Suggested Routes to School for Hanford Elementary School District for the upcoming 2017/2018 school year. Ed Woughter, Transportation Supervisor, Hanford Elementary School District answered questions from Commissioners.

Motion made to accept Suggested Routes to School for Hanford Elementary School District for the 2017/2018 school year.

|                  |                              |
|------------------|------------------------------|
| <b>RESULT:</b>   | <b>APPROVED [UNANIMOUS]</b>  |
| <b>MOVER:</b>    | Glenda Dwyer                 |
| <b>SECONDER:</b> | Jeffrey Porterfield          |
| <b>AYES:</b>     | Dwyer, Dwiggins, Porterfield |
| <b>ABSENT:</b>   | MacLellan                    |

### **3. Suggested Routes to School, Saint Rose-Thomas McCarthy Catholic School**

Staff presented the Suggested Routes to School for Saint Rose-Thomas McCarthy Catholic School for the upcoming 2017/2018 school year.

Motion made to accept the Suggested Routes to School for Saint Rose-Thomas McCarthy Catholic School for the upcoming 2017/2018 school year.

|                  |                              |
|------------------|------------------------------|
| <b>RESULT:</b>   | <b>APPROVED [UNANIMOUS]</b>  |
| <b>MOVER:</b>    | Glenda Dwyer                 |
| <b>SECONDER:</b> | Jeffrey Porterfield          |
| <b>AYES:</b>     | Dwyer, Dwiggins, Porterfield |
| <b>ABSENT:</b>   | MacLellan                    |

## **STAFF COMMUNICATION**

### **4. City Council Actions**

Staff commented briefly on action of the City Council.

## **COMMISSIONERS ITEMS OF INTEREST**

## **ADJOURNMENT**

Chairman DWIGGINS motioned to adjourn the meeting at 6:11 pm.

Respectfully submitted,

Shawn Dailey, Secretary  
Engineering Technician, II

Attachment: 7.27.17 minutes (Approve Minutes)



## AGENDA STAFF REPORT

|                                |                          |
|--------------------------------|--------------------------|
| <b>MEETING DATE:</b> 9/28/2017 | <b>AGENDA SECTION:</b> 2 |
|--------------------------------|--------------------------|

**SUBJECT:**

Removal of (5) Mid-Block Crosswalks

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### **RECOMMENDATION**

That the Parking and Traffic Commission, by motion, recommend to the City Council that five (5) mid-block crosswalks located in a two block area of downtown be removed. These crosswalks do not meet ADA requirements and due to obstructions, ADA ramps cannot be constructed.

This project involves removing current crosswalks, all striping, and signage.

### **BACKGROUND**

Currently there are 5 non-ADA compliant mid-block crosswalks located within a 2 block area of downtown. There are 2 crosswalks located on Douty Street between Eight Street and Sixth Street, 2 located on Irwin Street between Eight Street and Sixth Street, and 1 located on Sixth Street east of Douty Street. These crosswalks are all currently located within 200 feet of a controlled intersection with marked crosswalks.

The mid-block crosswalks have various obstructions not allowing ADA ramps/improvements to be constructed:

1. The crosswalk located at the 200 block of Irwin Street has a drive approach on the west side and light post and utilities on the east side.
2. The crosswalk located at the 100 block of Irwin Street has a fire hydrant and a utility pole on the west side and light post, utility pole and a permanent structure on the east side.
3. The crosswalk on the 200 block of Douty Street has a fire hydrant on the west side and a light post on the east side.

4. The crosswalk at the 100 block of Douty Street has a light post, utility pole and drive approaches on the right and left of the crosswalk on the west side and a drive approach and permanent structure on the east side.
5. The crosswalk located on Sixth Street 200 feet east of Douty Street does not have a ramp on the north side. However it could be constructed in the sidewalk. The south side of the crosswalk lands in a drive approach.

Based on the recently updated Parking and Traffic Commission Guidelines for crosswalks, an intersection study was performed to evaluate the location.

The crosswalks are all located approximately 200' from the nearest controlled intersection where crosswalks are present. Upon approval of the crosswalk removal, pedestrians would be directed to cross at the nearest controlled intersection which provides protection to pedestrians.

The existing noted crosswalks do not meet ADA compliance. Based on the near locations to a compliant crosswalk at the intersections, staff is recommending that the mid-block crosswalks be eliminated. An exhibit of the locations of the crosswalks to be removed is attached.

Respectfully submitted,

Lisa Dock  
Engineering Manager

**FISCAL IMPACT:**

**ATTACHMENTS:**  
Crosswalk Locations



# Mid-Block Crosswalks

Proposed to be removed

2.a



Attachment: Crosswalk Locations (Crosswalk Removals)

Google Earth

© 2017 Google

400 ft

Packet Pg. 8





Location 1





Location 1





Location 2





Location 2





Location 3





Location 3



A photograph of a street intersection. In the foreground, a wide crosswalk with white stripes on a dark asphalt surface leads towards a brick building. The building has a second-story balcony with a white railing and a sign that reads "THIS OLD HOUSE NEEDS FIXIN' MICHAEL WENTHUR 583-6468". The ground floor of the building features several storefronts, including one with a sign for "The Hot Spot" and another with a sign for "TRAJES DE RENTA \$69.95 QUINCEANERAS FORMALS". To the right of the brick building is a yellow building with a blue awning. A white pickup truck is parked on the street to the right. A street lamp stands on the sidewalk near the yellow building. The sky is clear and blue.

2.a

Attachment: Crosswalk Locations (Crosswalk Removals)

Location 4

Packet Pg. 15





Location 4





Location 5









## AGENDA STAFF REPORT

|                                |                          |
|--------------------------------|--------------------------|
| <b>MEETING DATE:</b> 9/28/2017 | <b>AGENDA SECTION:</b> 3 |
|--------------------------------|--------------------------|

### **SUBJECT:**

Crosswalk Request - Hume Avenue at Echo Lane

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### **RECOMMENDATION**

That a crosswalk not be placed on Hume Avenue at the intersection of Echo Lane

### **BACKGROUND**

Staff received a request to install a crosswalk at the intersection of Hume Avenue and Echo Lane. It was stated that students are crossing at this intersection. To address this concern, staff conducted an intersection study of the location.

Hume Avenue is an east-west bound two-lane residential minor arterial street with a curb to curb width of 48 feet. This width is adequate for a single lane in each direction with room for street parking with Hume Avenue having the thru movement. Echo Lane is a two-lane residential street with a curb to curb width of 40 feet. This width is adequate for a single lane in each direction with room for street parking with Echo Lane having to stop.

The speed limit on Hume Avenue is 35 MPH and on Echo Lane it is prima facie 25 MPH. The 85<sup>th</sup> percentile speed on Hume Avenue is 39 MPH with the majority of the traffic volume being on Hume Avenue. In the last five years, there have been no accidents reported at the intersection. The sight stopping distance at the intersection is adequate for both streets.

There is 1 school in the vicinity located approximately 900 feet east of the intersection. Students from MLK School are provided a Suggested Routes to School map at the beginning of the school year which directs them to the crosswalk in front of the school on Hume Avenue and Dawn Lane (See attached route map.)



The warrant for a crosswalk was checked, and the intersection does not meet the four basic warrants based on the low pedestrian counts. A gap study was performed to determine the number of opportunities a pedestrian has to cross Hume Avenue in the morning and afternoon vehicle peak hours. Based on calculations, a pedestrian will take 12 seconds to cross Hume Avenue. The gap study shows that there are 6.8 opportunities in a 5 minute period during the peak vehicle hours for a pedestrian to safely cross the road.

Based on the crosswalk study not meeting the basic warrants, Staff recommends that no additional intersection controls be placed at this time. Attached is an aerial photo of the area, warrant for pedestrian crosswalks, and the entering volume/speed summary.

Respectfully submitted,

Shawn Dailey, Secretary  
Engineering Technician, II

**FISCAL IMPACT:**

**ATTACHMENTS:**

Hume-Echo aerial

Volume

Speed

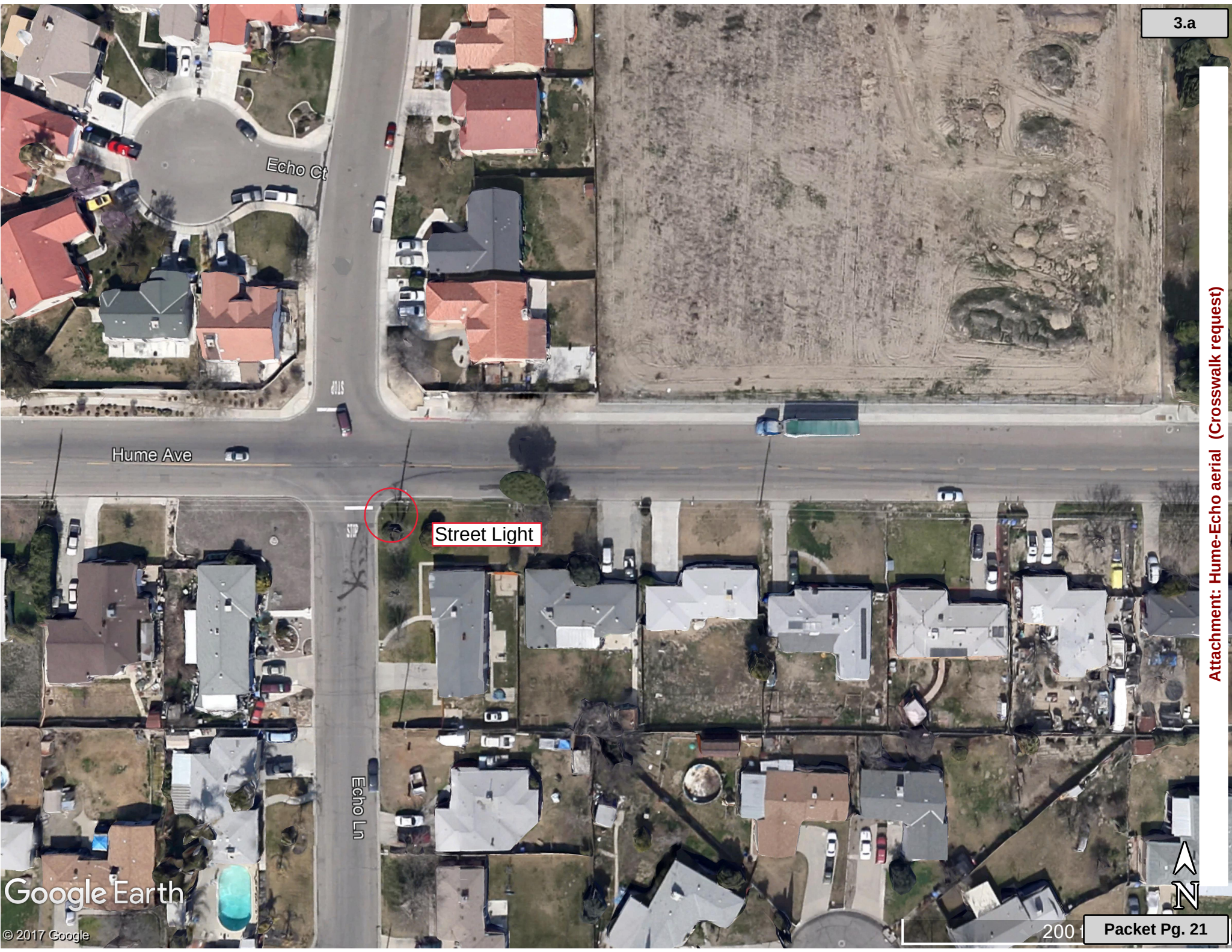
Gap

Ped counts

Warrants

SUGGESTEDROUTE MLK







**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: HUME ECHO EB  
Hume Ave. at Echo Ln.  
Date Start: 24-Aug-17

| Start Time      | Mon<br>21-Aug-17 | Tue  | Wed        | Thu   | Fri   | Average<br>Day | Sat   | Sun  | Week<br>Average |
|-----------------|------------------|------|------------|-------|-------|----------------|-------|------|-----------------|
| 12:00 AM        | *                | *    | *          | *     | 8     | 8              | *     | *    | 8               |
| 01:00           | *                | *    | *          | *     | 8     | 8              | *     | *    | 8               |
| 02:00           | *                | *    | *          | *     | 5     | 5              | *     | *    | 5               |
| 03:00           | *                | *    | *          | *     | 5     | 5              | *     | *    | 5               |
| 04:00           | *                | *    | *          | *     | 15    | 15             | *     | *    | 15              |
| 05:00           | *                | *    | *          | *     | 32    | 32             | *     | *    | 32              |
| 06:00           | *                | *    | *          | *     | 52    | 52             | *     | *    | 52              |
| 07:00           | *                | *    | *          | *     | 162   | 162            | *     | *    | 162             |
| 08:00           | *                | *    | *          | *     | 65    | 65             | *     | *    | 65              |
| 09:00           | *                | *    | *          | *     | 64    | 64             | *     | *    | 64              |
| 10:00           | *                | *    | *          | 46    | *     | 46             | *     | *    | 46              |
| 11:00           | *                | *    | *          | 60    | *     | 60             | *     | *    | 60              |
| 12:00 PM        | *                | *    | *          | 75    | *     | 75             | *     | *    | 75              |
| 01:00           | *                | *    | *          | 94    | *     | 94             | *     | *    | 94              |
| 02:00           | *                | *    | *          | 150   | *     | 150            | *     | *    | 150             |
| 03:00           | *                | *    | *          | 114   | *     | 114            | *     | *    | 114             |
| 04:00           | *                | *    | *          | 83    | *     | 83             | *     | *    | 83              |
| 05:00           | *                | *    | *          | 107   | *     | 107            | *     | *    | 107             |
| 06:00           | *                | *    | *          | 86    | *     | 86             | *     | *    | 86              |
| 07:00           | *                | *    | *          | 83    | *     | 83             | *     | *    | 83              |
| 08:00           | *                | *    | *          | 74    | *     | 74             | *     | *    | 74              |
| 09:00           | *                | *    | *          | 56    | *     | 56             | *     | *    | 56              |
| 10:00           | *                | *    | *          | 30    | *     | 30             | *     | *    | 30              |
| 11:00           | *                | *    | *          | 20    | *     | 20             | *     | *    | 20              |
| Total           | 0                | 0    | 0          | 1078  | 416   | 1494           | 0     | 0    | 1494            |
| % Avg.<br>WkDay | 0.0%             | 0.0% | 0.0%       | 72.2% | 27.8% | 100.0%         |       |      |                 |
| % Avg.<br>Week  | 0.0%             | 0.0% | 0.0%       | 72.2% | 27.8% | 100.0%         | 0.0%  | 0.0% |                 |
| AM Peak         | -                | -    | -          | 11:00 | 07:00 | -              | 07:00 | -    | 07:00           |
| Vol.            | -                | -    | -          | 60    | 162   | -              | 162   | -    | 162             |
| PM Peak         | -                | -    | -          | 14:00 | -     | -              | 14:00 | -    | 14:00           |
| Vol.            | -                | -    | -          | 150   | -     | -              | 150   | -    | 150             |
| Total           | 0                | 0    | 0          | 1078  | 416   | 1494           | 0     | 0    | 1494            |
| ADT             | ADT 1,494        |      | AADT 1,494 |       |       |                |       |      |                 |

Attachment: Volume (Crosswalk request)



**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: HUME ECHO WB  
Hume Ave. at Echo Ln.  
Date Start: 24-Aug-17

| Start Time   | Mon<br>21-Aug-17 | Tue  | Wed        | Thu   | Fri   | Average<br>Day | Sat   | Sun  | Week<br>Average |
|--------------|------------------|------|------------|-------|-------|----------------|-------|------|-----------------|
| 12:00 AM     | *                | *    | *          | *     | 12    | 12             | *     | *    | 12              |
| 01:00        | *                | *    | *          | *     | 7     | 7              | *     | *    | 7               |
| 02:00        | *                | *    | *          | *     | 5     | 5              | *     | *    | 5               |
| 03:00        | *                | *    | *          | *     | 8     | 8              | *     | *    | 8               |
| 04:00        | *                | *    | *          | *     | 9     | 9              | *     | *    | 9               |
| 05:00        | *                | *    | *          | *     | 23    | 23             | *     | *    | 23              |
| 06:00        | *                | *    | *          | *     | 62    | 62             | *     | *    | 62              |
| 07:00        | *                | *    | *          | *     | 161   | 161            | *     | *    | 161             |
| 08:00        | *                | *    | *          | *     | 77    | 77             | *     | *    | 77              |
| 09:00        | *                | *    | *          | *     | 60    | 60             | *     | *    | 60              |
| 10:00        | *                | *    | *          | 62    | *     | 62             | *     | *    | 62              |
| 11:00        | *                | *    | *          | 49    | *     | 49             | *     | *    | 49              |
| 12:00 PM     | *                | *    | *          | 75    | *     | 75             | *     | *    | 75              |
| 01:00        | *                | *    | *          | 81    | *     | 81             | *     | *    | 81              |
| 02:00        | *                | *    | *          | 178   | *     | 178            | *     | *    | 178             |
| 03:00        | *                | *    | *          | 127   | *     | 127            | *     | *    | 127             |
| 04:00        | *                | *    | *          | 107   | *     | 107            | *     | *    | 107             |
| 05:00        | *                | *    | *          | 124   | *     | 124            | *     | *    | 124             |
| 06:00        | *                | *    | *          | 109   | *     | 109            | *     | *    | 109             |
| 07:00        | *                | *    | *          | 79    | *     | 79             | *     | *    | 79              |
| 08:00        | *                | *    | *          | 77    | *     | 77             | *     | *    | 77              |
| 09:00        | *                | *    | *          | 51    | *     | 51             | *     | *    | 51              |
| 10:00        | *                | *    | *          | 50    | *     | 50             | *     | *    | 50              |
| 11:00        | *                | *    | *          | 18    | *     | 18             | *     | *    | 18              |
| Total        | 0                | 0    | 0          | 1187  | 424   | 1611           | 0     | 0    | 1611            |
| % Avg. WkDay | 0.0%             | 0.0% | 0.0%       | 73.7% | 26.3% | 100.0%         |       |      |                 |
| % Avg. Week  | 0.0%             | 0.0% | 0.0%       | 73.7% | 26.3% | 100.0%         | 0.0%  | 0.0% |                 |
| AM Peak      | -                | -    | -          | 10:00 | 07:00 | -              | 07:00 | -    | 07:00           |
| Vol.         | -                | -    | -          | 62    | 161   | -              | 161   | -    | 161             |
| PM Peak      | -                | -    | -          | 14:00 | -     | -              | 14:00 | -    | 14:00           |
| Vol.         | -                | -    | -          | 178   | -     | -              | 178   | -    | 178             |
| Total        | 0                | 0    | 0          | 1187  | 424   | 1611           | 0     | 0    | 1611            |
| ADT          | ADT 1,611        |      | AADT 1,611 |       |       |                |       |      |                 |

Attachment: Volume (Crosswalk request)



**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: HUME ECHO EB  
Hume Ave. at Echo Ln.  
Date Start: 24-Aug-17

## Direction 1

| Start Time | 1<br>15   | 16<br>20 | 21<br>25 | 26<br>30  | 31<br>35  | 36<br>40  | 41<br>45 | 46<br>50 | 51<br>55 | 56<br>60 | 61<br>65 | 66<br>70 | 71<br>75 | 76<br>999 | Total      | 85th<br>Percent | 95th<br>Percent |
|------------|-----------|----------|----------|-----------|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|-----------|------------|-----------------|-----------------|
| 08/24/17   | *         | *        | *        | *         | *         | *         | *        | *        | *        | *        | *        | *        | *        | *         | *          | *               | *               |
| 01:00      | *         | *        | *        | *         | *         | *         | *        | *        | *        | *        | *        | *        | *        | *         | *          | *               | *               |
| 02:00      | *         | *        | *        | *         | *         | *         | *        | *        | *        | *        | *        | *        | *        | *         | *          | *               | *               |
| 03:00      | *         | *        | *        | *         | *         | *         | *        | *        | *        | *        | *        | *        | *        | *         | *          | *               | *               |
| 04:00      | *         | *        | *        | *         | *         | *         | *        | *        | *        | *        | *        | *        | *        | *         | *          | *               | *               |
| 05:00      | *         | *        | *        | *         | *         | *         | *        | *        | *        | *        | *        | *        | *        | *         | *          | *               | *               |
| 06:00      | *         | *        | *        | *         | *         | *         | *        | *        | *        | *        | *        | *        | *        | *         | *          | *               | *               |
| 07:00      | *         | *        | *        | *         | *         | *         | *        | *        | *        | *        | *        | *        | *        | *         | *          | *               | *               |
| 08:00      | *         | *        | *        | *         | *         | *         | *        | *        | *        | *        | *        | *        | *        | *         | *          | *               | *               |
| 09:00      | *         | *        | *        | *         | *         | *         | *        | *        | *        | *        | *        | *        | *        | *         | *          | *               | *               |
| 10:00      | <b>2</b>  | 0        | 0        | 6         | 16        | <b>16</b> | 5        | <b>1</b> | 0        | 0        | 0        | 0        | 0        | 0         | 46         | 39              | 43              |
| 11:00      | <b>1</b>  | <b>2</b> | <b>2</b> | <b>10</b> | <b>25</b> | 13        | <b>7</b> | 0        | 0        | 0        | 0        | 0        | 0        | 0         | <b>60</b>  | 39              | 42              |
| 12 PM      | 10        | <b>1</b> | 4        | 14        | 24        | 20        | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 75         | 37              | 39              |
| 13:00      | 7         | 0        | 6        | 15        | 39        | 23        | 4        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 94         | 37              | 39              |
| 14:00      | 11        | 0        | <b>8</b> | <b>41</b> | <b>56</b> | <b>30</b> | 4        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | <b>150</b> | 36              | 39              |
| 15:00      | 11        | 0        | 8        | 27        | 47        | 17        | 3        | <b>1</b> | 0        | 0        | 0        | 0        | 0        | 0         | 114        | 36              | 39              |
| 16:00      | 11        | 0        | 4        | 11        | 33        | 19        | <b>5</b> | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 83         | 38              | 40              |
| 17:00      | 10        | 0        | 5        | 21        | 39        | 28        | 4        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 107        | 37              | 39              |
| 18:00      | <b>12</b> | 0        | 3        | 18        | 30        | 18        | 5        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 86         | 37              | 40              |
| 19:00      | 7         | 0        | 6        | 24        | 28        | 16        | 1        | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 83         | 36              | 39              |
| 20:00      | 4         | 0        | 1        | 27        | 21        | 17        | 4        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 74         | 37              | 40              |
| 21:00      | 0         | 0        | 4        | 19        | 26        | 4         | 3        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 56         | 34              | 40              |
| 22:00      | 3         | 0        | 2        | 10        | 12        | 3         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 30         | 34              | 37              |
| 23:00      | 0         | 1        | 2        | 6         | 10        | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 20         | 34              | 35              |
| Total      | 89        | 4        | 55       | 249       | 406       | 225       | 47       | 3        | 0        | 0        | 0        | 0        | 0        | 0         | 1078       |                 |                 |
| Percent    | 8.3%      | 0.4%     | 5.1%     | 23.1%     | 37.7%     | 20.9%     | 4.4%     | 0.3%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%      |            |                 |                 |
| AM Peak    | 10:00     | 11:00    | 11:00    | 11:00     | 11:00     | 10:00     | 11:00    | 10:00    |          |          |          |          |          |           | 11:00      |                 |                 |
| Vol.       | 2         | 2        | 2        | 10        | 25        | 16        | 7        | 1        |          |          |          |          |          |           | 60         |                 |                 |
| PM Peak    | 18:00     | 12:00    | 14:00    | 14:00     | 14:00     | 14:00     | 16:00    | 15:00    |          |          |          |          |          |           | 14:00      |                 |                 |
| Vol.       | 12        | 1        | 8        | 41        | 56        | 30        | 5        | 1        |          |          |          |          |          |           | 150        |                 |                 |

Attachment: Speed (Crosswalk request)



**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: HUME ECHO EB  
Hume Ave. at Echo Ln.  
Date Start: 24-Aug-17

## Direction 1

| Start Time | 15    | 1620  | 2125  | 2630  | 3135  | 3640  | 4145  | 4650  | 5155  | 5660 | 6165 | 6670 | 7175 | 76999 | Total | 85th Percent | 95th Percent |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|-------|-------|--------------|--------------|
| 08/25/17   | 0     | 0     | 1     | 1     | 5     | 0     | 1     | 0     | 0     | 0    | 0    | 0    | 0    | 0     | 8     | 34           | 42           |
| 01:00      | 0     | 0     | 1     | 3     | 1     | 2     | 1     | 0     | 0     | 0    | 0    | 0    | 0    | 0     | 8     | 39           | 42           |
| 02:00      | 0     | 0     | 0     | 1     | 3     | 1     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0     | 5     | 36           | 38           |
| 03:00      | 0     | 0     | 0     | 1     | 3     | 1     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0     | 5     | 36           | 38           |
| 04:00      | 0     | 0     | 2     | 4     | 6     | 3     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0     | 15    | 36           | 38           |
| 05:00      | 0     | 2     | 3     | 7     | 12    | 5     | 2     | 1     | 0     | 0    | 0    | 0    | 0    | 0     | 32    | 38           | 43           |
| 06:00      | 0     | 1     | 5     | 15    | 19    | 9     | 2     | 1     | 0     | 0    | 0    | 0    | 0    | 0     | 52    | 37           | 41           |
| 07:00      | 4     | 2     | 8     | 50    | 59    | 37    | 1     | 0     | 1     | 0    | 0    | 0    | 0    | 0     | 162   | 36           | 39           |
| 08:00      | 3     | 0     | 4     | 18    | 18    | 15    | 6     | 0     | 1     | 0    | 0    | 0    | 0    | 0     | 65    | 39           | 43           |
| 09:00      | 2     | 0     | 5     | 12    | 21    | 17    | 5     | 2     | 0     | 0    | 0    | 0    | 0    | 0     | 64    | 39           | 43           |
| 10:00      | *     | *     | *     | *     | *     | *     | *     | *     | *     | *    | *    | *    | *    | *     | *     | *            | *            |
| 11:00      | *     | *     | *     | *     | *     | *     | *     | *     | *     | *    | *    | *    | *    | *     | *     | *            | *            |
| 12 PM      | *     | *     | *     | *     | *     | *     | *     | *     | *     | *    | *    | *    | *    | *     | *     | *            | *            |
| 13:00      | *     | *     | *     | *     | *     | *     | *     | *     | *     | *    | *    | *    | *    | *     | *     | *            | *            |
| 14:00      | *     | *     | *     | *     | *     | *     | *     | *     | *     | *    | *    | *    | *    | *     | *     | *            | *            |
| 15:00      | *     | *     | *     | *     | *     | *     | *     | *     | *     | *    | *    | *    | *    | *     | *     | *            | *            |
| 16:00      | *     | *     | *     | *     | *     | *     | *     | *     | *     | *    | *    | *    | *    | *     | *     | *            | *            |
| 17:00      | *     | *     | *     | *     | *     | *     | *     | *     | *     | *    | *    | *    | *    | *     | *     | *            | *            |
| 18:00      | *     | *     | *     | *     | *     | *     | *     | *     | *     | *    | *    | *    | *    | *     | *     | *            | *            |
| 19:00      | *     | *     | *     | *     | *     | *     | *     | *     | *     | *    | *    | *    | *    | *     | *     | *            | *            |
| 20:00      | *     | *     | *     | *     | *     | *     | *     | *     | *     | *    | *    | *    | *    | *     | *     | *            | *            |
| 21:00      | *     | *     | *     | *     | *     | *     | *     | *     | *     | *    | *    | *    | *    | *     | *     | *            | *            |
| 22:00      | *     | *     | *     | *     | *     | *     | *     | *     | *     | *    | *    | *    | *    | *     | *     | *            | *            |
| 23:00      | *     | *     | *     | *     | *     | *     | *     | *     | *     | *    | *    | *    | *    | *     | *     | *            | *            |
| Total      | 9     | 5     | 29    | 112   | 147   | 90    | 18    | 4     | 2     | 0    | 0    | 0    | 0    | 0     | 416   |              |              |
| Percent    | 2.2%  | 1.2%  | 7.0%  | 26.9% | 35.3% | 21.6% | 4.3%  | 1.0%  | 0.5%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%  |       |              |              |
| AM Peak    | 07:00 | 05:00 | 07:00 | 07:00 | 07:00 | 07:00 | 08:00 | 09:00 | 07:00 |      |      |      |      |       | 07:00 |              |              |
| Vol.       | 4     | 2     | 8     | 50    | 59    | 37    | 6     | 2     | 1     |      |      |      |      |       | 162   |              |              |
| PM Peak    |       |       |       |       |       |       |       |       |       |      |      |      |      |       |       |              |              |
| Vol.       |       |       |       |       |       |       |       |       |       |      |      |      |      |       |       |              |              |
| Total      | 98    | 9     | 84    | 361   | 553   | 315   | 65    | 7     | 2     | 0    | 0    | 0    | 0    | 0     | 1494  |              |              |
| Percent    | 6.6%  | 0.6%  | 5.6%  | 24.2% | 37.0% | 21.1% | 4.4%  | 0.5%  | 0.1%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%  |       |              |              |

15th Percentile : 25 MPH  
 50th Percentile : 31 MPH  
 85th Percentile : 37 MPH  
 95th Percentile : 39 MPH

Stats  
 10 MPH Pace Speed : 26-35 MPH  
 Number in Pace : 914  
 Percent in Pace : 61.2%  
 Number of Vehicles > 35 MPH : 389  
 Percent of Vehicles > 35 MPH : 26.0%  
 Mean Speed(Average) : 31 MPH

Attachment: Speed (Crosswalk request)



**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: HUME ECHO WB  
Hume Ave. at Echo Ln.  
Date Start: 24-Aug-17

## Direction 1

| Start Time | 1<br>15 | 16<br>20 | 21<br>25 | 26<br>30 | 31<br>35 | 36<br>40 | 41<br>45 | 46<br>50 | 51<br>55 | 56<br>60 | 61<br>65 | 66<br>70 | 71<br>75 | 76<br>999 | Total | 85th<br>Percent | 95th<br>Percent |
|------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-------|-----------------|-----------------|
| 08/24/17   | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 01:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 02:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 03:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 04:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 05:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 06:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 07:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 08:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 09:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 10:00      | 4       | 1        | 0        | 15       | 18       | 19       | 5        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 62    | 38              | 41              |
| 11:00      | 1       | 1        | 3        | 5        | 17       | 21       | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 49    | 38              | 39              |
| 12 PM      | 1       | 0        | 3        | 12       | 21       | 27       | 9        | 2        | 0        | 0        | 0        | 0        | 0        | 0         | 75    | 39              | 44              |
| 13:00      | 2       | 0        | 3        | 13       | 27       | 24       | 8        | 4        | 0        | 0        | 0        | 0        | 0        | 0         | 81    | 39              | 44              |
| 14:00      | 2       | 1        | 21       | 77       | 48       | 26       | 2        | 0        | 1        | 0        | 0        | 0        | 0        | 0         | 178   | 35              | 38              |
| 15:00      | 2       | 3        | 5        | 22       | 47       | 38       | 8        | 2        | 0        | 0        | 0        | 0        | 0        | 0         | 127   | 38              | 42              |
| 16:00      | 2       | 2        | 9        | 23       | 29       | 30       | 10       | 2        | 0        | 0        | 0        | 0        | 0        | 0         | 107   | 39              | 43              |
| 17:00      | 9       | 1        | 4        | 12       | 41       | 40       | 10       | 7        | 0        | 0        | 0        | 0        | 0        | 0         | 124   | 39              | 45              |
| 18:00      | 5       | 0        | 3        | 15       | 39       | 31       | 13       | 2        | 1        | 0        | 0        | 0        | 0        | 0         | 109   | 39              | 44              |
| 19:00      | 3       | 0        | 2        | 12       | 29       | 20       | 7        | 2        | 1        | 1        | 2        | 0        | 0        | 0         | 79    | 40              | 50              |
| 20:00      | 3       | 1        | 1        | 14       | 23       | 24       | 8        | 1        | 2        | 0        | 0        | 0        | 0        | 0         | 77    | 39              | 44              |
| 21:00      | 5       | 0        | 2        | 10       | 13       | 12       | 5        | 3        | 1        | 0        | 0        | 0        | 0        | 0         | 51    | 41              | 47              |
| 22:00      | 1       | 1        | 3        | 5        | 10       | 15       | 12       | 2        | 0        | 1        | 0        | 0        | 0        | 0         | 50    | 43              | 46              |
| 23:00      | 2       | 0        | 0        | 1        | 3        | 8        | 3        | 0        | 0        | 1        | 0        | 0        | 0        | 0         | 18    | 42              | 55              |
| Total      | 42      | 11       | 59       | 236      | 365      | 335      | 101      | 27       | 6        | 3        | 2        | 0        | 0        | 0         | 1187  |                 |                 |
| Percent    | 3.5%    | 0.9%     | 5.0%     | 19.9%    | 30.7%    | 28.2%    | 8.5%     | 2.3%     | 0.5%     | 0.3%     | 0.2%     | 0.0%     | 0.0%     | 0.0%      |       |                 |                 |
| AM Peak    | 10:00   | 10:00    | 11:00    | 10:00    | 10:00    | 11:00    | 10:00    |          |          |          |          |          |          |           | 10:00 |                 |                 |
| Vol.       | 4       | 1        | 3        | 15       | 18       | 21       | 5        |          |          |          |          |          |          |           | 62    |                 |                 |
| PM Peak    | 17:00   | 15:00    | 14:00    | 14:00    | 14:00    | 17:00    | 18:00    | 17:00    | 20:00    | 19:00    | 19:00    |          |          |           | 14:00 |                 |                 |
| Vol.       | 9       | 3        | 21       | 77       | 48       | 40       | 13       | 7        | 2        | 1        | 2        |          |          |           | 178   |                 |                 |

Attachment: Speed (Crosswalk request)



**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: HUME ECHO WB  
Hume Ave. at Echo Ln.  
Date Start: 24-Aug-17

## Direction 1

| Start Time | 15    | 16    | 21    | 26    | 31    | 36    | 41    | 46    | 51    | 56   | 61    | 66   | 71   | 76   | Total | 85th Percent | 95th Percent |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|------|------|-------|--------------|--------------|
|            |       |       |       |       |       |       |       |       |       |      |       |      |      |      |       |              |              |
| 08/25/17   | 0     | 0     | 0     | 2     | 4     | 2     | 3     | 1     | 0     | 0    | 0     | 0    | 0    | 0    | 12    | 43           | 46           |
| 01:00      | 1     | 0     | 0     | 0     | 2     | 2     | 1     | 1     | 0     | 0    | 0     | 0    | 0    | 0    | 7     | 44           | 48           |
| 02:00      | 1     | 0     | 0     | 0     | 3     | 0     | 1     | 0     | 0     | 0    | 0     | 0    | 0    | 0    | 5     | 41           | 43           |
| 03:00      | 1     | 1     | 1     | 2     | 2     | 1     | 0     | 0     | 0     | 0    | 0     | 0    | 0    | 0    | 8     | 34           | 37           |
| 04:00      | 2     | 0     | 0     | 1     | 1     | 2     | 1     | 0     | 2     | 0    | 0     | 0    | 0    | 0    | 9     | 51           | 53           |
| 05:00      | 2     | 1     | 2     | 1     | 2     | 6     | 2     | 4     | 3     | 0    | 0     | 0    | 0    | 0    | 23    | 49           | 53           |
| 06:00      | 6     | 1     | 1     | 5     | 17    | 23    | 7     | 1     | 0     | 0    | 1     | 0    | 0    | 0    | 62    | 39           | 44           |
| 07:00      | 4     | 0     | 8     | 25    | 63    | 45    | 14    | 0     | 2     | 0    | 0     | 0    | 0    | 0    | 161   | 39           | 42           |
| 08:00      | 3     | 0     | 5     | 11    | 26    | 23    | 7     | 2     | 0     | 0    | 0     | 0    | 0    | 0    | 77    | 39           | 43           |
| 09:00      | 4     | 0     | 4     | 9     | 17    | 12    | 6     | 6     | 2     | 0    | 0     | 0    | 0    | 0    | 60    | 44           | 49           |
| 10:00      | *     | *     | *     | *     | *     | *     | *     | *     | *     | *    | *     | *    | *    | *    | *     | *            | *            |
| 11:00      | *     | *     | *     | *     | *     | *     | *     | *     | *     | *    | *     | *    | *    | *    | *     | *            | *            |
| 12 PM      | *     | *     | *     | *     | *     | *     | *     | *     | *     | *    | *     | *    | *    | *    | *     | *            | *            |
| 13:00      | *     | *     | *     | *     | *     | *     | *     | *     | *     | *    | *     | *    | *    | *    | *     | *            | *            |
| 14:00      | *     | *     | *     | *     | *     | *     | *     | *     | *     | *    | *     | *    | *    | *    | *     | *            | *            |
| 15:00      | *     | *     | *     | *     | *     | *     | *     | *     | *     | *    | *     | *    | *    | *    | *     | *            | *            |
| 16:00      | *     | *     | *     | *     | *     | *     | *     | *     | *     | *    | *     | *    | *    | *    | *     | *            | *            |
| 17:00      | *     | *     | *     | *     | *     | *     | *     | *     | *     | *    | *     | *    | *    | *    | *     | *            | *            |
| 18:00      | *     | *     | *     | *     | *     | *     | *     | *     | *     | *    | *     | *    | *    | *    | *     | *            | *            |
| 19:00      | *     | *     | *     | *     | *     | *     | *     | *     | *     | *    | *     | *    | *    | *    | *     | *            | *            |
| 20:00      | *     | *     | *     | *     | *     | *     | *     | *     | *     | *    | *     | *    | *    | *    | *     | *            | *            |
| 21:00      | *     | *     | *     | *     | *     | *     | *     | *     | *     | *    | *     | *    | *    | *    | *     | *            | *            |
| 22:00      | *     | *     | *     | *     | *     | *     | *     | *     | *     | *    | *     | *    | *    | *    | *     | *            | *            |
| 23:00      | *     | *     | *     | *     | *     | *     | *     | *     | *     | *    | *     | *    | *    | *    | *     | *            | *            |
| Total      | 24    | 3     | 21    | 56    | 137   | 116   | 42    | 15    | 9     | 0    | 1     | 0    | 0    | 0    | 424   |              |              |
| Percent    | 5.7%  | 0.7%  | 5.0%  | 13.2% | 32.3% | 27.4% | 9.9%  | 3.5%  | 2.1%  | 0.0% | 0.2%  | 0.0% | 0.0% | 0.0% |       |              |              |
| AM Peak    | 06:00 | 03:00 | 07:00 | 07:00 | 07:00 | 07:00 | 07:00 | 09:00 | 05:00 |      | 06:00 |      |      |      | 07:00 |              |              |
| Vol.       | 6     | 1     | 8     | 25    | 63    | 45    | 14    | 6     | 3     |      | 1     |      |      |      | 161   |              |              |
| PM Peak    |       |       |       |       |       |       |       |       |       |      |       |      |      |      |       |              |              |
| Vol.       |       |       |       |       |       |       |       |       |       |      |       |      |      |      |       |              |              |
| Total      | 66    | 14    | 80    | 292   | 502   | 451   | 143   | 42    | 15    | 3    | 3     | 0    | 0    | 0    | 1611  |              |              |
| Percent    | 4.1%  | 0.9%  | 5.0%  | 18.1% | 31.2% | 28.0% | 8.9%  | 2.6%  | 0.9%  | 0.2% | 0.2%  | 0.0% | 0.0% | 0.0% |       |              |              |

15th Percentile : 26 MPH  
50th Percentile : 33 MPH  
85th Percentile : 39 MPH  
95th Percentile : 44 MPH

Stats  
10 MPH Pace Speed : 31-40 MPH  
Number in Pace : 953  
Percent in Pace : 59.2%  
Number of Vehicles > 35 MPH : 657  
Percent of Vehicles > 35 MPH : 40.8%  
Mean Speed(Average) : 33 MPH

Attachment: Speed (Crosswalk request)



**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: HUME ECHO EB  
Hume Ave. at Echo Ln.  
Date Start: 24-Aug-17

| Direction 1 |        |        |        |         |          |          |          |          |          |          |          |          |          |           |
|-------------|--------|--------|--------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| Start Time  | 1<br>4 | 5<br>6 | 7<br>8 | 9<br>10 | 11<br>12 | 13<br>14 | 15<br>16 | 17<br>18 | 19<br>20 | 21<br>22 | 23<br>24 | 25<br>26 | 27<br>28 | 29<br>999 |
| 08/24/17    | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 01:00       | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 02:00       | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 03:00       | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 04:00       | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 05:00       | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 06:00       | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 07:00       | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 08:00       | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 09:00       | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 10:00       | 4      | 2      | 3      | 1       | 0        | 1        | 0        | 2        | 0        | 0        | 0        | 1        | 0        | 32        |
| 11:00       | 5      | 1      | 1      | 0       | 0        | 3        | 0        | 3        | 0        | 3        | 2        | 2        | 1        | 39        |
| 12 PM       | 13     | 2      | 2      | 8       | 1        | 1        | 3        | 1        | 3        | 4        | 0        | 1        | 1        | 35        |
| 13:00       | 11     | 3      | 3      | 3       | 3        | 4        | 4        | 5        | 0        | 1        | 2        | 6        | 3        | 46        |
| 14:00       | 30     | 18     | 6      | 6       | 5        | 8        | 6        | 6        | 3        | 6        | 1        | 7        | 3        | 45        |
| 15:00       | 25     | 8      | 4      | 7       | 3        | 4        | 5        | 2        | 1        | 3        | 3        | 3        | 4        | 42        |
| 16:00       | 9      | 4      | 3      | 6       | 2        | 2        | 2        | 1        | 1        | 2        | 5        | 4        | 1        | 41        |
| 17:00       | 14     | 14     | 5      | 4       | 3        | 8        | 6        | 3        | 2        | 4        | 0        | 1        | 0        | 43        |
| 18:00       | 16     | 0      | 3      | 2       | 4        | 2        | 5        | 3        | 4        | 5        | 0        | 2        | 0        | 40        |
| 19:00       | 16     | 4      | 2      | 3       | 2        | 2        | 1        | 3        | 0        | 2        | 2        | 2        | 6        | 38        |
| 20:00       | 9      | 6      | 2      | 2       | 6        | 2        | 1        | 2        | 1        | 2        | 2        | 2        | 1        | 36        |
| 21:00       | 5      | 1      | 1      | 2       | 3        | 1        | 1        | 0        | 2        | 1        | 2        | 1        | 2        | 34        |
| 22:00       | 0      | 0      | 1      | 1       | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 26        |
| 23:00       | 1      | 1      | 0      | 0       | 0        | 0        | 1        | 1        | 0        | 0        | 0        | 1        | 1        | 14        |
| Total       | 158    | 64     | 36     | 45      | 33       | 38       | 35       | 32       | 17       | 33       | 19       | 34       | 23       | 511       |

Attachment: Gap (Crosswalk request)  
90 total



**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: HUME ECHO EB  
Hume Ave. at Echo Ln.  
Date Start: 24-Aug-17

| Direction 1 |     |    |    |    |    |    |    |    |    |    |    |    |    |     |
|-------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| Start Time  | 1   | 5  | 7  | 9  | 11 | 13 | 15 | 17 | 19 | 21 | 23 | 25 | 27 | 29  |
|             | 4   | 6  | 8  | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 999 |
| 08/25/17    | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 8   |
| 01:00       | 0   | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 7   |
| 02:00       | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 5   |
| 03:00       | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 5   |
| 04:00       | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 14  |
| 05:00       | 1   | 0  | 2  | 0  | 0  | 0  | 0  | 0  | 1  | 2  | 1  | 0  | 0  | 25  |
| 06:00       | 2   | 2  | 1  | 1  | 3  | 1  | 2  | 1  | 1  | 1  | 0  | 1  | 2  | 34  |
| 07:00       | 25  | 15 | 19 | 7  | 11 | 6  | 9  | 8  | 2  | 5  | 3  | 4  | 9  | 39  |
| 08:00       | 8   | 2  | 3  | 3  | 1  | 1  | 2  | 1  | 0  | 1  | 2  | 2  | 6  | 33  |
| 09:00       | 5   | 3  | 5  | 4  | 2  | 2  | 0  | 5  | 1  | 0  | 2  | 1  | 2  | 32  |
| 10:00       | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 11:00       | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 12 PM       | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 13:00       | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 14:00       | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 15:00       | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 16:00       | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 17:00       | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 18:00       | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 19:00       | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 20:00       | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 21:00       | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 22:00       | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 23:00       | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| Total       | 41  | 22 | 30 | 15 | 17 | 10 | 14 | 15 | 5  | 10 | 8  | 8  | 19 | 202 |
| Grand Total | 199 | 86 | 66 | 60 | 50 | 48 | 49 | 47 | 22 | 43 | 27 | 42 | 42 | 713 |

96 total

Attachment: Gap (Crosswalk request)



**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: HUME ECHO WB  
Hume Ave. at Echo Ln.  
Date Start: 24-Aug-17

Direction 1

| Start Time | 1<br>4 | 5<br>6 | 7<br>8 | 9<br>10 | 11<br>12 | 13<br>14 | 15<br>16 | 17<br>18 | 19<br>20 | 21<br>22 | 23<br>24 | 25<br>26 | 27<br>28 | 29<br>999 |
|------------|--------|--------|--------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| 08/24/17   | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 01:00      | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 02:00      | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 03:00      | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 04:00      | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 05:00      | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 06:00      | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 07:00      | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 08:00      | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 09:00      | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 10:00      | 8      | 2      | 1      | 1       | 2        | 0        | 0        | 3        | 0        | 4        | 1        | 1        | 1        | 38        |
| 11:00      | 6      | 1      | 1      | 1       | 0        | 0        | 1        | 0        | 0        | 1        | 2        | 1        | 4        | 31        |
| 12 PM      | 7      | 3      | 2      | 5       | 1        | 4        | 2        | 2        | 1        | 4        | 2        | 1        | 0        | 41        |
| 13:00      | 9      | 6      | 5      | 1       | 3        | 1        | 1        | 2        | 2        | 6        | 0        | 5        | 3        | 37        |
| 14:00      | 48     | 15     | 15     | 18      | 8        | 6        | 10       | 6        | 3        | 3        | 3        | 2        | 5        | 36        |
| 15:00      | 19     | 8      | 4      | 8       | 7        | 12       | 2        | 5        | 5        | 2        | 4        | 2        | 4        | 45        |
| 16:00      | 12     | 5      | 9      | 6       | 3        | 1        | 5        | 4        | 2        | 1        | 4        | 3        | 2        | 50        |
| 17:00      | 21     | 4      | 6      | 7       | 4        | 4        | 4        | 2        | 6        | 2        | 5        | 4        | 3        | 52        |
| 18:00      | 18     | 8      | 7      | 3       | 7        | 3        | 3        | 4        | 6        | 2        | 3        | 3        | 1        | 41        |
| 19:00      | 8      | 5      | 6      | 2       | 1        | 2        | 2        | 1        | 4        | 0        | 1        | 1        | 4        | 42        |
| 20:00      | 11     | 3      | 2      | 2       | 2        | 1        | 2        | 4        | 2        | 0        | 1        | 1        | 1        | 45        |
| 21:00      | 9      | 4      | 1      | 1       | 0        | 0        | 0        | 1        | 0        | 0        | 2        | 2        | 0        | 31        |
| 22:00      | 6      | 1      | 3      | 2       | 0        | 2        | 2        | 1        | 1        | 0        | 0        | 2        | 2        | 28        |
| 23:00      | 3      | 0      | 0      | 0       | 0        | 0        | 0        | 1        | 0        | 1        | 1        | 0        | 0        | 12        |
| Total      | 185    | 65     | 62     | 57      | 38       | 36       | 34       | 36       | 32       | 26       | 29       | 28       | 30       | 529       |

Attachment: Gap (Crosswalk request)  
82 total



**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: HUME ECHO WB  
Hume Ave. at Echo Ln.  
Date Start: 24-Aug-17

| Direction 1 |     |    |    |    |    |    |    |    |    |    |    |    |    |     |
|-------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| Start Time  | 1   | 5  | 7  | 9  | 11 | 13 | 15 | 17 | 19 | 21 | 23 | 25 | 27 | 29  |
|             | 4   | 6  | 8  | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 999 |
| 08/25/17    | 1   | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 10  |
| 01:00       | 1   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 5   |
| 02:00       | 1   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 4   |
| 03:00       | 0   | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 7   |
| 04:00       | 2   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 7   |
| 05:00       | 2   | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 19  |
| 06:00       | 11  | 0  | 1  | 0  | 1  | 2  | 2  | 1  | 0  | 3  | 1  | 0  | 1  | 39  |
| 07:00       | 23  | 16 | 17 | 9  | 16 | 8  | 10 | 5  | 5  | 4  | 4  | 2  | 3  | 39  |
| 08:00       | 9   | 6  | 6  | 5  | 2  | 0  | 2  | 2  | 3  | 1  | 2  | 1  | 1  | 37  |
| 09:00       | 8   | 1  | 1  | 1  | 3  | 5  | 2  | 1  | 1  | 0  | 1  | 3  | 0  | 33  |
| 10:00       | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 11:00       | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 12 PM       | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 13:00       | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 14:00       | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 15:00       | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 16:00       | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 17:00       | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 18:00       | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 19:00       | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 20:00       | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 21:00       | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 22:00       | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 23:00       | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| Total       | 58  | 23 | 25 | 15 | 23 | 16 | 16 | 10 | 9  | 8  | 8  | 6  | 7  | 200 |
| Grand Total | 243 | 88 | 87 | 72 | 61 | 52 | 50 | 46 | 41 | 34 | 37 | 34 | 37 | 729 |

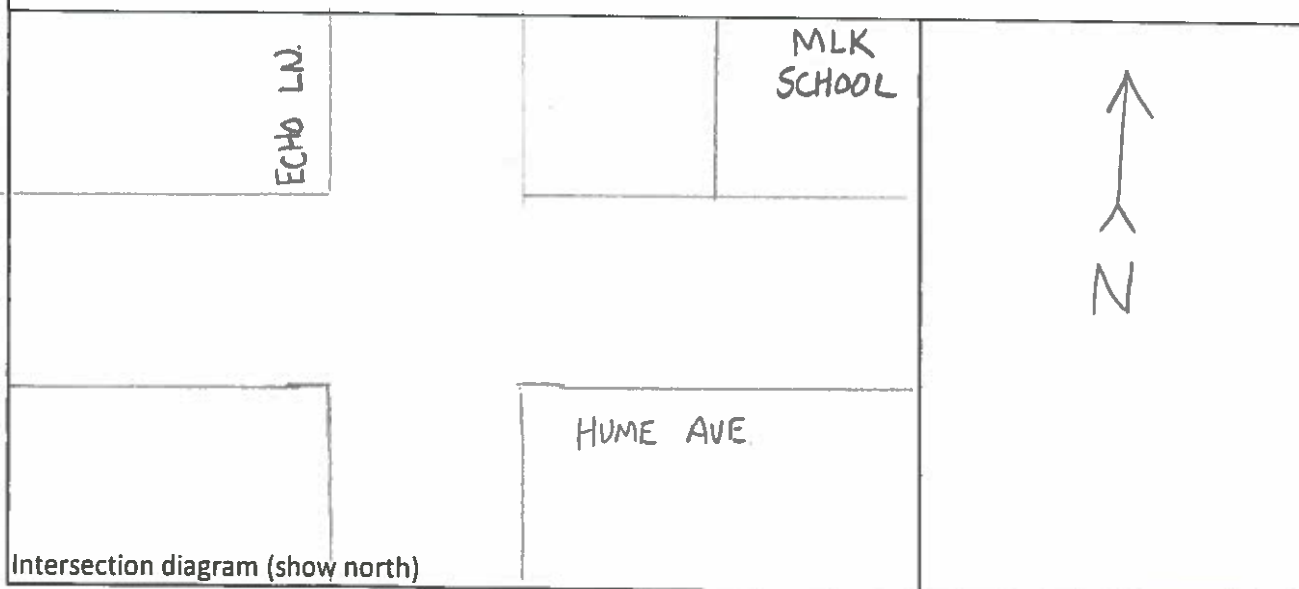
96 total  
Attachment: Gap (Crosswalk request)



Date 9/13/17 Day WEDNESDAY  
 Weather CLR/DRY Time Interval (2 hours) 6 AM to 8 AM  
 Location HUME AVE. AT ECHO LN.

| Time (15 minute interval) | Children (thru middle school) | High School & Adults | Seniors (64+) | Disabled | Total Counts |
|---------------------------|-------------------------------|----------------------|---------------|----------|--------------|
| 6:00<br>6:15              |                               |                      |               |          |              |
| 6:16<br>6:30              |                               | NN                   |               |          | 2            |
| 6:31<br>6:45              | EEEEENN                       | <del>WENN</del>      |               |          | 4.5          |
| 6:46<br>7:00              | EE                            | EN                   |               |          | 1            |
| 7:01<br>7:15              | E                             | EW                   |               |          |              |
| 7:16<br>7:30              | EEEEEEEE                      | EW                   |               |          |              |
| 7:31<br>7:45              | NNNENNEEE                     | EE                   |               |          | 9            |
| 7:46<br>8:00              | EE                            | E                    |               |          |              |
|                           |                               |                      |               |          |              |
|                           | (x1.5)= 13.5                  | 3                    | (x1.5)=       | (x1.5)=  | 16.5         |

- count and designate which leg of the intersection is being crossed in the boxes above with a N, S, E, or W  
 - draw and label intersection below



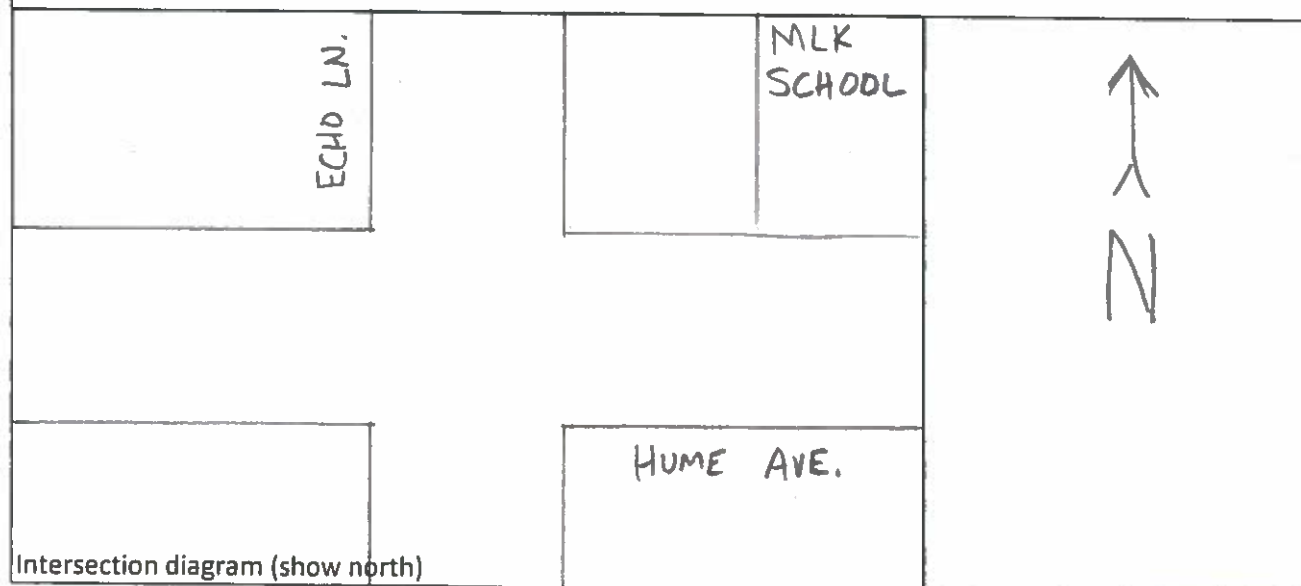
Attachment: Ped counts (Crosswalk request)



Date 9/12/17 Day TUESDAY  
 Weather CLR/DRY Time Interval (2 hours) 1 PM to 3 PM  
 Location HUME AVE. AT ECHO LN.

| Time (15 minute interval) | Children (thru middle school) | High School & Adults | Seniors (64+) | Disabled | Total Counts |
|---------------------------|-------------------------------|----------------------|---------------|----------|--------------|
| 1:00                      |                               |                      |               |          |              |
| 1:15                      |                               |                      |               |          |              |
| 1:16                      |                               |                      |               |          |              |
| 1:30                      |                               |                      |               |          |              |
| 1:31                      |                               |                      |               |          |              |
| 1:45                      |                               |                      |               |          |              |
| 1:46                      |                               |                      |               |          |              |
| 2:00                      |                               |                      |               |          |              |
| 2:01                      |                               | EW                   |               |          |              |
| 2:15                      |                               |                      |               |          |              |
| 2:16                      |                               | E                    |               |          |              |
| 2:30                      |                               |                      |               |          |              |
| 2:31                      | WWW                           | WW                   |               |          |              |
| 2:45                      |                               |                      |               |          |              |
| 2:46                      | WWSSS WWWW                    | W                    |               |          | 9            |
| 3:00                      | SSS                           |                      |               |          |              |
|                           |                               |                      |               |          |              |
|                           | (x1.5)= 9                     |                      | (x1.5)=       | (x1.5)=  | 9            |

- count and designate which leg of the intersection is being crossed in the boxes above with a N, S, E, or W  
 - draw and label intersection below



Attachment: Ped counts (Crosswalk request)



LOCATION: Hume Avenue at Echo Lane

### WARRANTS FOR PEDESTRIAN CROSSWALKS

In order to qualify for a marked crosswalk, a location must: (A) meet the following basic warrants, and (B) rate 16 points or more under the following point system:

#### A) Basic Warrants

#### SATISFIED

##### Pedestrian Volume Warrant

**Are there more than 20 pedestrians crossing during peak hour?**

Crosswalks will not be installed where the pedestrian volume is less than 20 pedestrians per hour (pph) during the peak pedestrian hour.

Yes      No

☐      ☒

##### Approach Speed Warrant

**Is the 85 percentile less than 45 mph?**

Crosswalks will not be installed on roadways where the 85<sup>th</sup> percentile approach speeds are in excess of 45 mph. The approach speeds shall be determined by approved engineering speed study techniques. All crosswalks installed on roadways in excess of 40 mph will require additional safety improvements (ie. traffic-calming treatments, flashing beacons, and/or rapid flashings signs, etc.)

☒      ☐

##### Visibility Warrant

**Is visibility clear for 200'?**

Crosswalks will not be installed unless the motorist has an unrestricted view of all pedestrians at the proposed crosswalk site, for a distance not less than 200' approaching from each direction. Sites with grades, curves and other sight-restrictive features will require special attention.

☒      ☐

##### Illumination Warrant

Proposed crosswalk site must have adequate crosswalk lighting in existence or scheduled for installation prior to the installation of the crosswalk.

**Is there adequate lighting at the site?**

☒      ☐

#### B) Warrant point system

Children under 13 years of age, adults over 64 years of age, or disabled persons count as 1.5 pedestrians.

##### Pedestrian Volume Warrant

##### Criterion

##### Point Assignment Pedestrian Total    Points

The total number of pedestrians crossing the street under study during the peak pedestrian hour. This includes pedestrians in both crosswalks at an intersection. Crosswalks will not be installed where the pedestrian volume is 20 pph or less.

|          |           |
|----------|-----------|
| 0-20     | 0         |
| 21-40    | 2         |
| 41-60    | 4         |
| 61-90    | 6         |
| 91-100   | 8         |
| Over 100 | <u>10</u> |
| Maximum  | 10        |

16.5 Total  
Pedestrians

0 pts.

Attachment: Warrants (Crosswalk request)



General Conditions Warrant

|                                                                                                            | Points                                |               |
|------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------|
| (a) Will clarify and define pedestrian routes across a complex Intersection.                               | 2 <input type="checkbox"/>            |               |
| (b) Will channelize pedestrians into a significantly shorter path.                                         | 2 <input type="checkbox"/>            |               |
| (c) Will position pedestrians to be seen better by motorists.                                              | 2 <input type="checkbox"/>            |               |
| (d) Will position pedestrians to expose them to fewer vehicles.                                            | 2 <input type="checkbox"/>            |               |
| (e) Is located within the Central Business District.                                                       | 2 <input type="checkbox"/>            |               |
| (f) Is <u>adjacent</u> to a pedestrian generating facility<br>(i.e. school, park, shopping district, etc.) | 4 <input checked="" type="checkbox"/> |               |
| Maximum                                                                                                    | 10                                    | <u>4 pts.</u> |

Gap Time Warrant

| Criterion                                                                                                                                                                  | Point Assignment                                 |                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------------------|
|                                                                                                                                                                            | Average number of gaps<br>per five-minute period | Points                                |
| The number of unimpeded vehicle time gaps equal to or exceeding the required pedestrian crossing time (PCT) in an average five minute period during the peak vehicle hour. | 0 – 0.99                                         | 10 <input type="checkbox"/>           |
|                                                                                                                                                                            | 1 – 1.99                                         | 8 <input type="checkbox"/>            |
|                                                                                                                                                                            | 2 – 2.99                                         | 6 <input type="checkbox"/>            |
|                                                                                                                                                                            | 3 – 3.99                                         | 4 <input type="checkbox"/>            |
|                                                                                                                                                                            | 4 – 4.99                                         | 2 <input type="checkbox"/>            |
|                                                                                                                                                                            | 5 or over                                        | 0 <input checked="" type="checkbox"/> |
|                                                                                                                                                                            | Maximum                                          | 10                                    |
|                                                                                                                                                                            |                                                  | <u>0 pts.</u>                         |

Computations:

(1) Pedestrian crossing time =  $\frac{\text{Street width curb to curb}}{4.0 \text{ feet per second}} = \frac{48}{4} = 12$

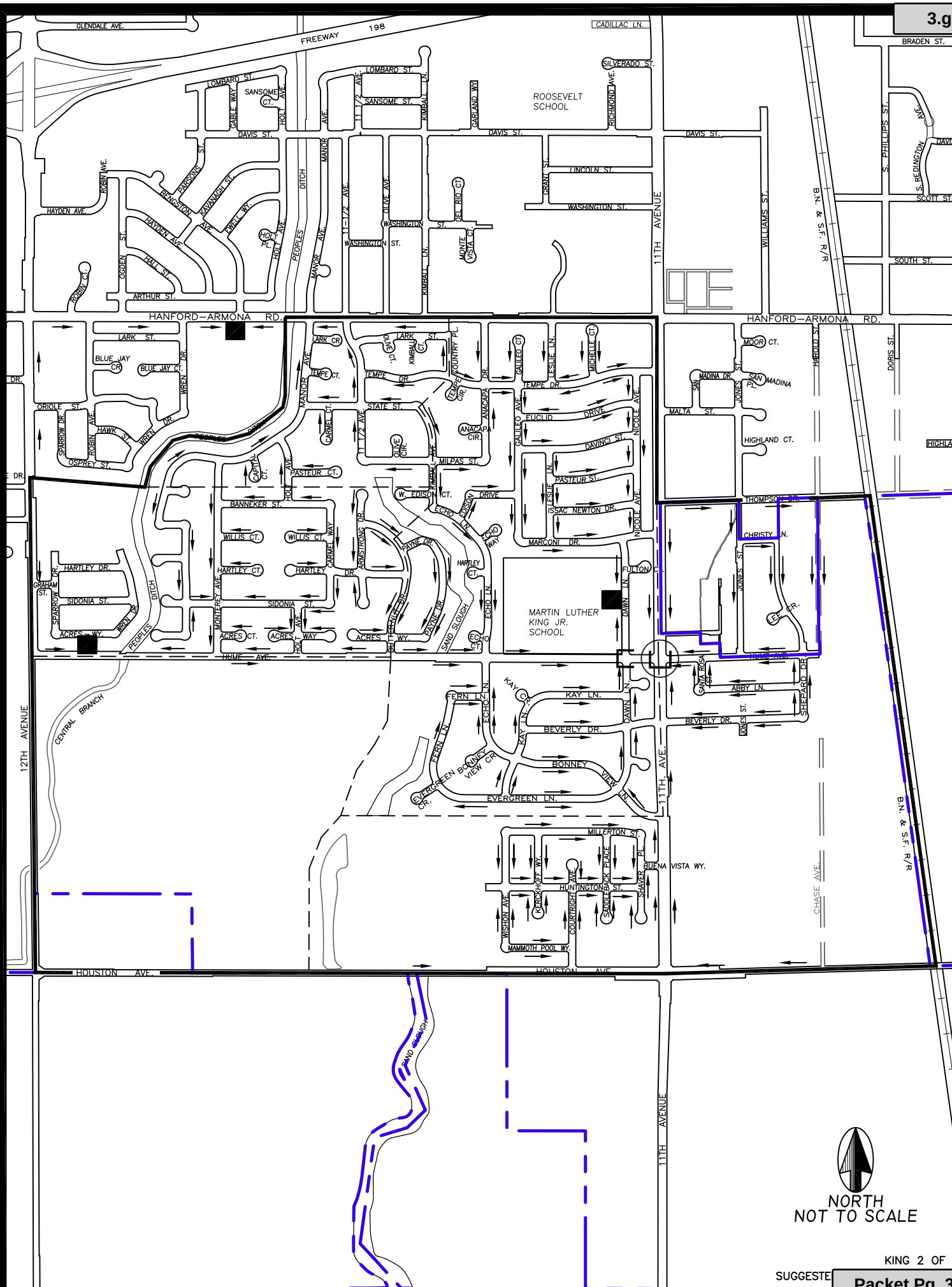
(2) Average number of gaps per five-minute period =  $\frac{\text{Total gaps/hr} > \text{required PCT}}{12} = \frac{82}{12} = 6.8$

Provisions:

- (1) The above criterion is based on a one hour field survey.
- (2) All roadways having a raised median or a painted median (4 foot minimum width) will be considered as two separate roadways, if the pedestrian has a protected place to stand out of the path of traffic.

4 pts. total









## AGENDA STAFF REPORT

|                                |                          |
|--------------------------------|--------------------------|
| <b>MEETING DATE:</b> 9/28/2017 | <b>AGENDA SECTION:</b> 4 |
|--------------------------------|--------------------------|

### **SUBJECT:**

Crosswalk Request - Fitzgerald Lane at Bristol Lane

---

### **RECOMMENDATION**

That a crosswalk not be placed on Fitzgerald Lane at Bristol Lane.

### **DISCUSSION**

Staff received a request from Hanford Elementary School District asking if a crosswalk could be placed on Fitzgerald Lane at Bristol Lane. It was stated that students are crossing at this intersection. To address this concern, staff conducted an intersection study of the location.

Fitzgerald Lane is a north-south bound two-lane residential street with a curb to curb width of 48 feet. This width is adequate for a single lane in each direction with room for street parking with Fitzgerald Lane having the thru movement. Bristol Lane is an east-west bound two-lane residential street with a curb to curb width of 40 feet. This width is adequate for two lanes in each direction with room for parking with Bristol Lane having to stop.

The speed limit on Fitzgerald Lane is 35 MPH on Bristol Lane it is prima facie 25 MPH. The 85<sup>th</sup> percentile speed on Fitzgerald Lane is 34 MPH with the majority of the traffic volume being on Fitzgerald Lane. In the last five years, there have been no accidents reported at the intersection. The sight stopping distance at the intersection is adequate for all directions of traffic.

The warrant for a crosswalk was checked, and the intersection does not meet the four basic warrants based on the low pedestrian counts. A gap study was performed to determine the number of opportunities a pedestrian has to cross Fitzgerald Lane in the morning and afternoon vehicle peak hours. Based on calculations, a pedestrian will take 12 seconds to cross Fitzgerald



Lane. The gap study shows that there are 7 opportunities in a 5 minute period during the peak vehicle hours for a pedestrian to safely cross the road.

Based on the crosswalk study not meeting the basic warrants, Staff recommends that no additional intersection controls be placed at this time. Attached is an aerial photo of the area, warrant for pedestrian crosswalks, and the entering volume summary.

Respectfully submitted,

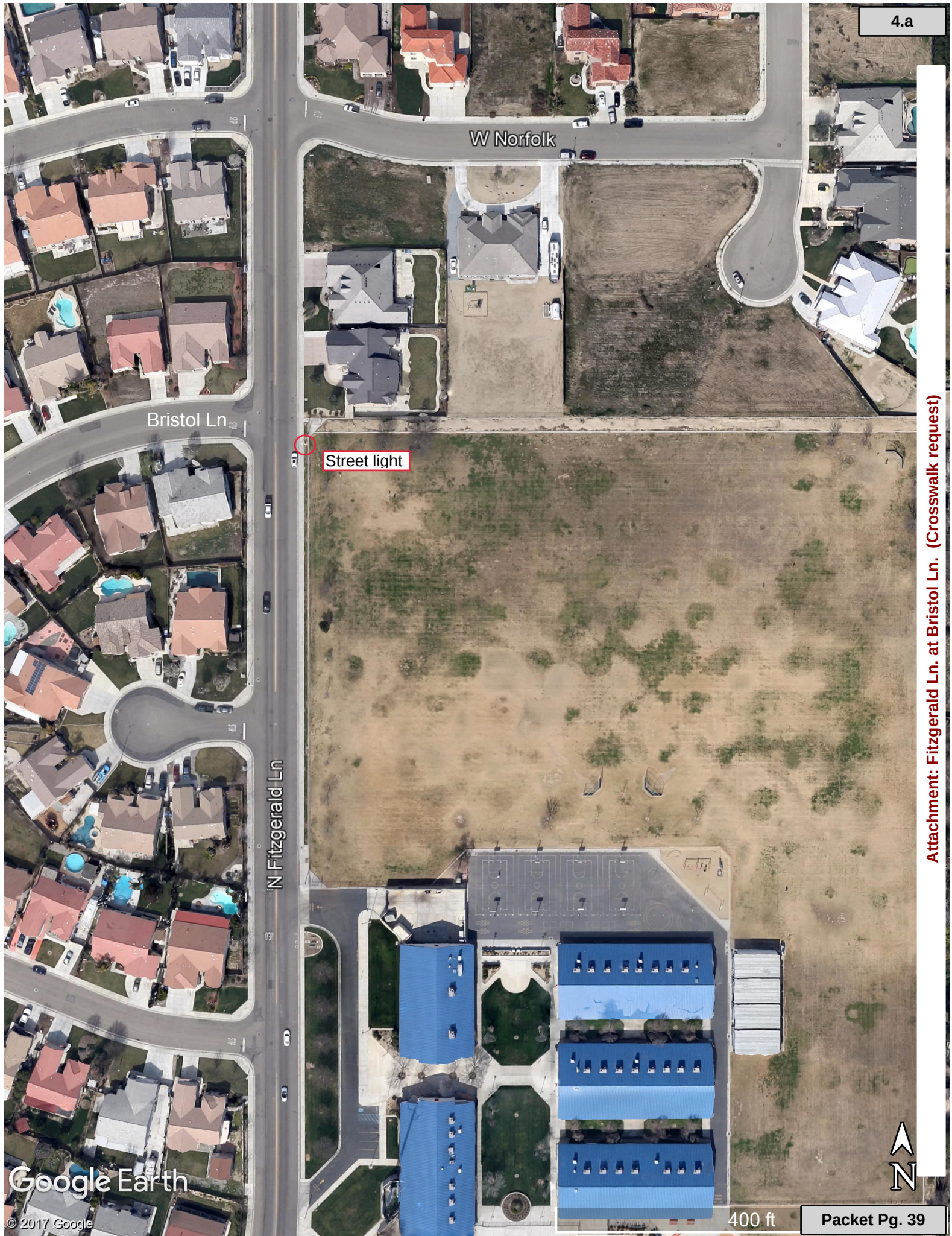
Shawn Dailey  
Engineering Technician, II

**FISCAL IMPACT:**

**ATTACHMENTS:**

Fitzgerald Ln. at Bristol Ln.  
Volume  
Speed  
Gap  
Fitzgerald at Simas school  
Warrant-Crosswalk







**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: SIMAS NB  
Simas School  
Date Start: 23-Aug-17

| Start Time      | Mon<br>21-Aug-17 | Tue  | Wed        | Thu   | Fri  | Average<br>Day | Sat  | Sun  | Week<br>Average |
|-----------------|------------------|------|------------|-------|------|----------------|------|------|-----------------|
| 12:00 AM        | *                | *    | *          | 1     | *    | 1              | *    | *    | 1               |
| 01:00           | *                | *    | *          | 4     | *    | 4              | *    | *    | 4               |
| 02:00           | *                | *    | *          | 2     | *    | 2              | *    | *    | 2               |
| 03:00           | *                | *    | *          | 2     | *    | 2              | *    | *    | 2               |
| 04:00           | *                | *    | *          | 9     | *    | 9              | *    | *    | 9               |
| 05:00           | *                | *    | *          | 8     | *    | 8              | *    | *    | 8               |
| 06:00           | *                | *    | *          | 25    | *    | 25             | *    | *    | 25              |
| 07:00           | *                | *    | *          | 140   | *    | 140            | *    | *    | 140             |
| 08:00           | *                | *    | 94         | *     | *    | 94             | *    | *    | 94              |
| 09:00           | *                | *    | 48         | *     | *    | 48             | *    | *    | 48              |
| 10:00           | *                | *    | 45         | *     | *    | 45             | *    | *    | 45              |
| 11:00           | *                | *    | 56         | *     | *    | 56             | *    | *    | 56              |
| 12:00 PM        | *                | *    | 153        | *     | *    | 153            | *    | *    | 153             |
| 01:00           | *                | *    | 74         | *     | *    | 74             | *    | *    | 74              |
| 02:00           | *                | *    | 69         | *     | *    | 69             | *    | *    | 69              |
| 03:00           | *                | *    | 150        | *     | *    | 150            | *    | *    | 150             |
| 04:00           | *                | *    | 129        | *     | *    | 129            | *    | *    | 129             |
| 05:00           | *                | *    | 183        | *     | *    | 183            | *    | *    | 183             |
| 06:00           | *                | *    | 121        | *     | *    | 121            | *    | *    | 121             |
| 07:00           | *                | *    | 83         | *     | *    | 83             | *    | *    | 83              |
| 08:00           | *                | *    | 130        | *     | *    | 130            | *    | *    | 130             |
| 09:00           | *                | *    | 31         | *     | *    | 31             | *    | *    | 31              |
| 10:00           | *                | *    | 22         | *     | *    | 22             | *    | *    | 22              |
| 11:00           | *                | *    | 17         | *     | *    | 17             | *    | *    | 17              |
| Total           | 0                | 0    | 1405       | 191   | 0    | 1596           | 0    | 0    | 1596            |
| % Avg.<br>WkDay | 0.0%             | 0.0% | 88.0%      | 12.0% | 0.0% | 100.0%         |      |      |                 |
| % Avg.<br>Week  | 0.0%             | 0.0% | 88.0%      | 12.0% | 0.0% | 100.0%         | 0.0% | 0.0% |                 |
| AM Peak         | -                | -    | 08:00      | 07:00 | -    | 07:00          | -    | -    | 07:00           |
| Vol.            | -                | -    | 94         | 140   | -    | 140            | -    | -    | 140             |
| PM Peak         | -                | -    | 17:00      | -     | -    | 17:00          | -    | -    | 17:00           |
| Vol.            | -                | -    | 183        | -     | -    | 183            | -    | -    | 183             |
| Total           | 0                | 0    | 1405       | 191   | 0    | 1596           | 0    | 0    | 1596            |
| ADT             | ADT 1,596        |      | AADT 1,596 |       |      |                |      |      |                 |

Attachment: Volume (Crosswalk request)



**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: SIMAS SB  
Simas School  
Date Start: 23-Aug-17

| Start Time   | Mon<br>21-Aug-17 | Tue  | Wed        | Thu   | Fri  | Average<br>Day | Sat  | Sun  | Week<br>Average |
|--------------|------------------|------|------------|-------|------|----------------|------|------|-----------------|
| 12:00 AM     | *                | *    | *          | 4     | *    | 4              | *    | *    | 4               |
| 01:00        | *                | *    | *          | 4     | *    | 4              | *    | *    | 4               |
| 02:00        | *                | *    | *          | 2     | *    | 2              | *    | *    | 2               |
| 03:00        | *                | *    | *          | 3     | *    | 3              | *    | *    | 3               |
| 04:00        | *                | *    | *          | 10    | *    | 10             | *    | *    | 10              |
| 05:00        | *                | *    | *          | 38    | *    | 38             | *    | *    | 38              |
| 06:00        | *                | *    | *          | 64    | *    | 64             | *    | *    | 64              |
| 07:00        | *                | *    | *          | 285   | *    | 285            | *    | *    | 285             |
| 08:00        | *                | *    | 155        | *     | *    | 155            | *    | *    | 155             |
| 09:00        | *                | *    | 70         | *     | *    | 70             | *    | *    | 70              |
| 10:00        | *                | *    | 56         | *     | *    | 56             | *    | *    | 56              |
| 11:00        | *                | *    | 61         | *     | *    | 61             | *    | *    | 61              |
| 12:00 PM     | *                | *    | 138        | *     | *    | 138            | *    | *    | 138             |
| 01:00        | *                | *    | 86         | *     | *    | 86             | *    | *    | 86              |
| 02:00        | *                | *    | 70         | *     | *    | 70             | *    | *    | 70              |
| 03:00        | *                | *    | 125        | *     | *    | 125            | *    | *    | 125             |
| 04:00        | *                | *    | 87         | *     | *    | 87             | *    | *    | 87              |
| 05:00        | *                | *    | 124        | *     | *    | 124            | *    | *    | 124             |
| 06:00        | *                | *    | 93         | *     | *    | 93             | *    | *    | 93              |
| 07:00        | *                | *    | 87         | *     | *    | 87             | *    | *    | 87              |
| 08:00        | *                | *    | 66         | *     | *    | 66             | *    | *    | 66              |
| 09:00        | *                | *    | 29         | *     | *    | 29             | *    | *    | 29              |
| 10:00        | *                | *    | 23         | *     | *    | 23             | *    | *    | 23              |
| 11:00        | *                | *    | 6          | *     | *    | 6              | *    | *    | 6               |
| Total        | 0                | 0    | 1276       | 410   | 0    | 1686           | 0    | 0    | 1686            |
| % Avg. WkDay | 0.0%             | 0.0% | 75.7%      | 24.3% | 0.0% | 100.0%         |      |      |                 |
| % Avg. Week  | 0.0%             | 0.0% | 75.7%      | 24.3% | 0.0% | 100.0%         | 0.0% | 0.0% |                 |
| AM Peak      | -                | -    | 08:00      | 07:00 | -    | 07:00          | -    | -    | 07:00           |
| Vol.         | -                | -    | 155        | 285   | -    | 285            | -    | -    | 285             |
| PM Peak      | -                | -    | 12:00      | -     | -    | 12:00          | -    | -    | 12:00           |
| Vol.         | -                | -    | 138        | -     | -    | 138            | -    | -    | 138             |
| Total        | 0                | 0    | 1276       | 410   | 0    | 1686           | 0    | 0    | 1686            |
| ADT          | ADT 1,686        |      | AADT 1,686 |       |      |                |      |      |                 |

Attachment: Volume (Crosswalk request)



**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: SIMAS NB  
Simas School  
Date Start: 23-Aug-17

## Direction 1

| Start Time | 1<br>15  | 16<br>20 | 21<br>25  | 26<br>30  | 31<br>35  | 36<br>40  | 41<br>45  | 46<br>50 | 51<br>55 | 56<br>60 | 61<br>65 | 66<br>70 | 71<br>75 | 76<br>999 | Total      | 85th<br>Percent | 95th<br>Percent |
|------------|----------|----------|-----------|-----------|-----------|-----------|-----------|----------|----------|----------|----------|----------|----------|-----------|------------|-----------------|-----------------|
| 08/23/17   | *        | *        | *         | *         | *         | *         | *         | *        | *        | *        | *        | *        | *        | *         | *          | *               | *               |
| 01:00      | *        | *        | *         | *         | *         | *         | *         | *        | *        | *        | *        | *        | *        | *         | *          | *               | *               |
| 02:00      | *        | *        | *         | *         | *         | *         | *         | *        | *        | *        | *        | *        | *        | *         | *          | *               | *               |
| 03:00      | *        | *        | *         | *         | *         | *         | *         | *        | *        | *        | *        | *        | *        | *         | *          | *               | *               |
| 04:00      | *        | *        | *         | *         | *         | *         | *         | *        | *        | *        | *        | *        | *        | *         | *          | *               | *               |
| 05:00      | *        | *        | *         | *         | *         | *         | *         | *        | *        | *        | *        | *        | *        | *         | *          | *               | *               |
| 06:00      | *        | *        | *         | *         | *         | *         | *         | *        | *        | *        | *        | *        | *        | *         | *          | *               | *               |
| 07:00      | *        | *        | *         | *         | *         | *         | *         | *        | *        | *        | *        | *        | *        | *         | *          | *               | *               |
| 08:00      | <b>1</b> | <b>1</b> | <b>3</b>  | <b>19</b> | <b>34</b> | <b>30</b> | <b>3</b>  | <b>3</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b>  | <b>94</b>  | <b>38</b>       | <b>42</b>       |
| 09:00      | 0        | 1        | 3         | 8         | 20        | 11        | 4         | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 48         | 39              | 43              |
| 10:00      | 0        | 1        | 3         | 11        | 18        | 6         | <b>5</b>  | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 45         | 39              | 43              |
| 11:00      | 0        | 1        | 2         | 10        | 24        | 15        | 3         | 0        | <b>1</b> | 0        | 0        | 0        | 0        | 0         | 56         | 38              | 42              |
| 12 PM      | <b>4</b> | <b>5</b> | <b>25</b> | <b>40</b> | 58        | 20        | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 153        | 34              | 38              |
| 13:00      | 1        | <b>6</b> | 6         | 19        | 19        | 19        | 3         | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 74         | 38              | 40              |
| 14:00      | 0        | 1        | 4         | 9         | 29        | 22        | 3         | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 69         | 38              | 40              |
| 15:00      | 2        | 3        | 2         | 19        | 69        | 40        | 13        | <b>2</b> | 0        | 0        | 0        | 0        | 0        | 0         | 150        | 39              | 42              |
| 16:00      | 1        | 1        | 3         | 15        | 52        | 47        | 10        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 129        | 39              | 41              |
| 17:00      | 3        | 3        | 6         | 11        | <b>73</b> | <b>67</b> | 15        | 2        | <b>3</b> | 0        | 0        | 0        | 0        | 0         | <b>183</b> | 39              | 43              |
| 18:00      | 0        | 2        | 6         | 8         | 49        | 39        | <b>16</b> | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 121        | 39              | 43              |
| 19:00      | 0        | 5        | 1         | 12        | 31        | 28        | 6         | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 83         | 38              | 41              |
| 20:00      | 1        | 4        | 5         | 18        | 67        | 31        | 3         | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 130        | 37              | 39              |
| 21:00      | 0        | 0        | 1         | 2         | 16        | 9         | 2         | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 31         | 39              | 43              |
| 22:00      | 0        | 0        | 1         | 2         | 11        | 4         | 3         | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 22         | 41              | 44              |
| 23:00      | 0        | 2        | 1         | 3         | 4         | 3         | 3         | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 17         | 42              | 45              |
| Total      | 13       | 36       | 72        | 206       | 574       | 391       | 93        | 16       | 4        | 0        | 0        | 0        | 0        | 0         | 1405       |                 |                 |
| Percent    | 0.9%     | 2.6%     | 5.1%      | 14.7%     | 40.9%     | 27.8%     | 6.6%      | 1.1%     | 0.3%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%      |            |                 |                 |
| AM Peak    | 08:00    | 08:00    | 08:00     | 08:00     | 08:00     | 08:00     | 10:00     | 08:00    | 11:00    |          |          |          |          |           | 08:00      |                 |                 |
| Vol.       | 1        | 1        | 3         | 19        | 34        | 30        | 5         | 3        | 1        |          |          |          |          |           | 94         |                 |                 |
| PM Peak    | 12:00    | 13:00    | 12:00     | 12:00     | 17:00     | 17:00     | 18:00     | 15:00    | 17:00    |          |          |          |          |           | 17:00      |                 |                 |
| Vol.       | 4        | 6        | 25        | 40        | 73        | 67        | 16        | 2        | 3        |          |          |          |          |           | 183        |                 |                 |

Attachment: Speed (Crosswalk request)



**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: SIMAS NB  
Simas School  
Date Start: 23-Aug-17

## Direction 1

| Start Time | 15    | 16    | 21    | 26    | 31    | 36    | 41    | 46    | 51   | 56    | 61   | 66   | 71   | 76   | Total | 85th Percent | 95th Percent |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|------|------|------|-------|--------------|--------------|
|            |       |       |       |       |       |       |       |       |      |       |      |      |      |      |       |              |              |
| 08/24/17   | 0     | 1     | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0     | 0    | 0    | 0    | 0    | 1     | 19           | 19           |
| 01:00      | 0     | 0     | 1     | 1     | 2     | 0     | 0     | 0     | 0    | 0     | 0    | 0    | 0    | 0    | 4     | 33           | 34           |
| 02:00      | 0     | 0     | 0     | 1     | 1     | 0     | 0     | 0     | 0    | 0     | 0    | 0    | 0    | 0    | 2     | 33           | 34           |
| 03:00      | 0     | 0     | 1     | 0     | 1     | 0     | 0     | 0     | 0    | 0     | 0    | 0    | 0    | 0    | 2     | 33           | 34           |
| 04:00      | 0     | 0     | 1     | 4     | 1     | 2     | 0     | 0     | 0    | 1     | 0    | 0    | 0    | 0    | 9     | 39           | 57           |
| 05:00      | 1     | 0     | 0     | 2     | 3     | 0     | 2     | 0     | 0    | 0     | 0    | 0    | 0    | 0    | 8     | 42           | 43           |
| 06:00      | 1     | 1     | 4     | 4     | 6     | 8     | 0     | 1     | 0    | 0     | 0    | 0    | 0    | 0    | 25    | 38           | 39           |
| 07:00      | 1     | 3     | 12    | 44    | 46    | 23    | 11    | 0     | 0    | 0     | 0    | 0    | 0    | 0    | 140   | 37           | 41           |
| 08:00      | *     | *     | *     | *     | *     | *     | *     | *     | *    | *     | *    | *    | *    | *    | *     | *            | *            |
| 09:00      | *     | *     | *     | *     | *     | *     | *     | *     | *    | *     | *    | *    | *    | *    | *     | *            | *            |
| 10:00      | *     | *     | *     | *     | *     | *     | *     | *     | *    | *     | *    | *    | *    | *    | *     | *            | *            |
| 11:00      | *     | *     | *     | *     | *     | *     | *     | *     | *    | *     | *    | *    | *    | *    | *     | *            | *            |
| 12 PM      | *     | *     | *     | *     | *     | *     | *     | *     | *    | *     | *    | *    | *    | *    | *     | *            | *            |
| 13:00      | *     | *     | *     | *     | *     | *     | *     | *     | *    | *     | *    | *    | *    | *    | *     | *            | *            |
| 14:00      | *     | *     | *     | *     | *     | *     | *     | *     | *    | *     | *    | *    | *    | *    | *     | *            | *            |
| 15:00      | *     | *     | *     | *     | *     | *     | *     | *     | *    | *     | *    | *    | *    | *    | *     | *            | *            |
| 16:00      | *     | *     | *     | *     | *     | *     | *     | *     | *    | *     | *    | *    | *    | *    | *     | *            | *            |
| 17:00      | *     | *     | *     | *     | *     | *     | *     | *     | *    | *     | *    | *    | *    | *    | *     | *            | *            |
| 18:00      | *     | *     | *     | *     | *     | *     | *     | *     | *    | *     | *    | *    | *    | *    | *     | *            | *            |
| 19:00      | *     | *     | *     | *     | *     | *     | *     | *     | *    | *     | *    | *    | *    | *    | *     | *            | *            |
| 20:00      | *     | *     | *     | *     | *     | *     | *     | *     | *    | *     | *    | *    | *    | *    | *     | *            | *            |
| 21:00      | *     | *     | *     | *     | *     | *     | *     | *     | *    | *     | *    | *    | *    | *    | *     | *            | *            |
| 22:00      | *     | *     | *     | *     | *     | *     | *     | *     | *    | *     | *    | *    | *    | *    | *     | *            | *            |
| 23:00      | *     | *     | *     | *     | *     | *     | *     | *     | *    | *     | *    | *    | *    | *    | *     | *            | *            |
| Total      | 3     | 5     | 19    | 56    | 60    | 33    | 13    | 1     | 0    | 1     | 0    | 0    | 0    | 0    | 191   |              |              |
| Percent    | 1.6%  | 2.6%  | 9.9%  | 29.3% | 31.4% | 17.3% | 6.8%  | 0.5%  | 0.0% | 0.5%  | 0.0% | 0.0% | 0.0% | 0.0% |       |              |              |
| AM Peak    | 05:00 | 07:00 | 07:00 | 07:00 | 07:00 | 07:00 | 07:00 | 06:00 |      | 04:00 |      |      |      |      | 07:00 |              |              |
| Vol.       | 1     | 3     | 12    | 44    | 46    | 23    | 11    | 1     |      | 1     |      |      |      |      | 140   |              |              |
| PM Peak    |       |       |       |       |       |       |       |       |      |       |      |      |      |      |       |              |              |
| Vol.       |       |       |       |       |       |       |       |       |      |       |      |      |      |      |       |              |              |
| Total      | 16    | 41    | 91    | 262   | 634   | 424   | 106   | 17    | 4    | 1     | 0    | 0    | 0    | 0    | 1596  |              |              |
| Percent    | 1.0%  | 2.6%  | 5.7%  | 16.4% | 39.7% | 26.6% | 6.6%  | 1.1%  | 0.3% | 0.1%  | 0.0% | 0.0% | 0.0% | 0.0% |       |              |              |

15th Percentile : 26 MPH  
 50th Percentile : 33 MPH  
 85th Percentile : 38 MPH  
 95th Percentile : 42 MPH

Stats  
 10 MPH Pace Speed : 31-40 MPH  
 Number in Pace : 1058  
 Percent in Pace : 66.3%  
 Number of Vehicles > 35 MPH : 552  
 Percent of Vehicles > 35 MPH : 34.6%  
 Mean Speed(Average) : 33 MPH

Attachment: Speed (Crosswalk request)



**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: SIMAS SB  
Simas School  
Date Start: 23-Aug-17

## Direction 1

| Start Time | 1<br>15  | 16<br>20 | 21<br>25  | 26<br>30  | 31<br>35  | 36<br>40  | 41<br>45  | 46<br>50 | 51<br>55 | 56<br>60 | 61<br>65 | 66<br>70 | 71<br>75 | 76<br>999 | Total      | 85th<br>Percent | 95th<br>Percent |
|------------|----------|----------|-----------|-----------|-----------|-----------|-----------|----------|----------|----------|----------|----------|----------|-----------|------------|-----------------|-----------------|
| 08/23/17   | *        | *        | *         | *         | *         | *         | *         | *        | *        | *        | *        | *        | *        | *         | *          | *               | *               |
| 01:00      | *        | *        | *         | *         | *         | *         | *         | *        | *        | *        | *        | *        | *        | *         | *          | *               | *               |
| 02:00      | *        | *        | *         | *         | *         | *         | *         | *        | *        | *        | *        | *        | *        | *         | *          | *               | *               |
| 03:00      | *        | *        | *         | *         | *         | *         | *         | *        | *        | *        | *        | *        | *        | *         | *          | *               | *               |
| 04:00      | *        | *        | *         | *         | *         | *         | *         | *        | *        | *        | *        | *        | *        | *         | *          | *               | *               |
| 05:00      | *        | *        | *         | *         | *         | *         | *         | *        | *        | *        | *        | *        | *        | *         | *          | *               | *               |
| 06:00      | *        | *        | *         | *         | *         | *         | *         | *        | *        | *        | *        | *        | *        | *         | *          | *               | *               |
| 07:00      | *        | *        | *         | *         | *         | *         | *         | *        | *        | *        | *        | *        | *        | *         | *          | *               | *               |
| 08:00      | <b>3</b> | <b>6</b> | <b>23</b> | <b>39</b> | <b>58</b> | <b>21</b> | <b>5</b>  | 0        | 0        | 0        | 0        | 0        | 0        | 0         | <b>155</b> | 35              | 39              |
| 09:00      | <b>1</b> | <b>7</b> | <b>11</b> | <b>17</b> | <b>20</b> | <b>12</b> | <b>2</b>  | 0        | 0        | 0        | 0        | 0        | 0        | 0         | <b>70</b>  | 36              | 39              |
| 10:00      | <b>1</b> | <b>3</b> | <b>11</b> | <b>19</b> | <b>15</b> | <b>5</b>  | <b>1</b>  | <b>1</b> | 0        | 0        | 0        | 0        | 0        | 0         | <b>56</b>  | 34              | 39              |
| 11:00      | <b>2</b> | <b>0</b> | <b>11</b> | <b>17</b> | <b>25</b> | <b>6</b>  | <b>0</b>  | <b>0</b> | 0        | 0        | 0        | 0        | 0        | 0         | <b>61</b>  | 34              | 37              |
| 12 PM      | <b>4</b> | <b>9</b> | <b>31</b> | <b>46</b> | <b>43</b> | <b>4</b>  | <b>1</b>  | <b>0</b> | 0        | 0        | 0        | 0        | 0        | 0         | <b>138</b> | 33              | 34              |
| 13:00      | 0        | 8        | 18        | 21        | 21        | 15        | 3         | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 86         | 36              | 39              |
| 14:00      | 1        | 4        | 6         | 19        | 27        | 12        | 1         | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 70         | 36              | 38              |
| 15:00      | 1        | 5        | 10        | 33        | 42        | 32        | 2         | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 125        | 37              | 39              |
| 16:00      | 3        | 3        | 16        | 23        | 31        | 9         | 1         | <b>1</b> | 0        | 0        | 0        | 0        | 0        | 0         | 87         | 34              | 38              |
| 17:00      | 2        | 5        | 16        | 21        | 38        | <b>34</b> | 7         | 1        | 0        | 0        | 0        | 0        | 0        | 0         | 124        | 38              | 41              |
| 18:00      | 1        | 5        | 7         | 22        | 29        | 19        | <b>10</b> | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 93         | 38              | 42              |
| 19:00      | 0        | 6        | 18        | 21        | 33        | 9         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 87         | 34              | 37              |
| 20:00      | 0        | 5        | 10        | 18        | 21        | 10        | 2         | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 66         | 36              | 39              |
| 21:00      | 1        | 3        | 2         | 8         | 10        | 3         | 2         | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 29         | 36              | 41              |
| 22:00      | 1        | 2        | 4         | 5         | 5         | 4         | 2         | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 23         | 38              | 42              |
| 23:00      | 0        | 0        | 1         | 2         | 1         | 0         | 2         | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 6          | 42              | 44              |
| Total      | 21       | 71       | 195       | 331       | 419       | 195       | 41        | 3        | 0        | 0        | 0        | 0        | 0        | 0         | 1276       |                 |                 |
| Percent    | 1.6%     | 5.6%     | 15.3%     | 25.9%     | 32.8%     | 15.3%     | 3.2%      | 0.2%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%      |            |                 |                 |
| AM Peak    | 08:00    | 09:00    | 08:00     | 08:00     | 08:00     | 08:00     | 08:00     | 10:00    |          |          |          |          |          |           | 08:00      |                 |                 |
| Vol.       | 3        | 7        | 23        | 39        | 58        | 21        | 5         | 1        |          |          |          |          |          |           | 155        |                 |                 |
| PM Peak    | 12:00    | 12:00    | 12:00     | 12:00     | 12:00     | 17:00     | 18:00     | 16:00    |          |          |          |          |          |           | 12:00      |                 |                 |
| Vol.       | 4        | 9        | 31        | 46        | 43        | 34        | 10        | 1        |          |          |          |          |          |           | 138        |                 |                 |

Attachment: Speed (Crosswalk request)



**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230

Site Code: SIMAS SB

Simas School

Date Start: 23-Aug-17

| Direction 1 |       |       |                   |       |        |       |       |       |      |      |      |      |      |        |       |              |              |
|-------------|-------|-------|-------------------|-------|--------|-------|-------|-------|------|------|------|------|------|--------|-------|--------------|--------------|
| Start Time  | 15    | 20    | 25                | 30    | 35     | 40    | 45    | 50    | 55   | 60   | 65   | 70   | 75   | 76 999 | Total | 85th Percent | 95th Percent |
| 08/24/17    | 1     | 0     | 0                 | 1     | 0      | 1     | 1     | 0     | 0    | 0    | 0    | 0    | 0    | 0      | 4     | 42           | 44           |
| 01:00       | 0     | 0     | 0                 | 1     | 3      | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0      | 4     | 34           | 34           |
| 02:00       | 0     | 0     | 0                 | 1     | 0      | 0     | 0     | 1     | 0    | 0    | 0    | 0    | 0    | 0      | 2     | 48           | 49           |
| 03:00       | 0     | 1     | 1                 | 1     | 0      | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0      | 3     | 27           | 29           |
| 04:00       | 0     | 2     | 1                 | 1     | 4      | 2     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0      | 10    | 36           | 38           |
| 05:00       | 1     | 3     | 4                 | 9     | 12     | 6     | 3     | 0     | 0    | 0    | 0    | 0    | 0    | 0      | 38    | 37           | 41           |
| 06:00       | 1     | 6     | 8                 | 19    | 14     | 12    | 4     | 0     | 0    | 0    | 0    | 0    | 0    | 0      | 64    | 37           | 40           |
| 07:00       | 4     | 12    | 74                | 107   | 65     | 22    | 1     | 0     | 0    | 0    | 0    | 0    | 0    | 0      | 285   | 33           | 36           |
| 08:00       | *     | *     | *                 | *     | *      | *     | *     | *     | *    | *    | *    | *    | *    | *      | *     | *            | *            |
| 09:00       | *     | *     | *                 | *     | *      | *     | *     | *     | *    | *    | *    | *    | *    | *      | *     | *            | *            |
| 10:00       | *     | *     | *                 | *     | *      | *     | *     | *     | *    | *    | *    | *    | *    | *      | *     | *            | *            |
| 11:00       | *     | *     | *                 | *     | *      | *     | *     | *     | *    | *    | *    | *    | *    | *      | *     | *            | *            |
| 12 PM       | *     | *     | *                 | *     | *      | *     | *     | *     | *    | *    | *    | *    | *    | *      | *     | *            | *            |
| 13:00       | *     | *     | *                 | *     | *      | *     | *     | *     | *    | *    | *    | *    | *    | *      | *     | *            | *            |
| 14:00       | *     | *     | *                 | *     | *      | *     | *     | *     | *    | *    | *    | *    | *    | *      | *     | *            | *            |
| 15:00       | *     | *     | *                 | *     | *      | *     | *     | *     | *    | *    | *    | *    | *    | *      | *     | *            | *            |
| 16:00       | *     | *     | *                 | *     | *      | *     | *     | *     | *    | *    | *    | *    | *    | *      | *     | *            | *            |
| 17:00       | *     | *     | *                 | *     | *      | *     | *     | *     | *    | *    | *    | *    | *    | *      | *     | *            | *            |
| 18:00       | *     | *     | *                 | *     | *      | *     | *     | *     | *    | *    | *    | *    | *    | *      | *     | *            | *            |
| 19:00       | *     | *     | *                 | *     | *      | *     | *     | *     | *    | *    | *    | *    | *    | *      | *     | *            | *            |
| 20:00       | *     | *     | *                 | *     | *      | *     | *     | *     | *    | *    | *    | *    | *    | *      | *     | *            | *            |
| 21:00       | *     | *     | *                 | *     | *      | *     | *     | *     | *    | *    | *    | *    | *    | *      | *     | *            | *            |
| 22:00       | *     | *     | *                 | *     | *      | *     | *     | *     | *    | *    | *    | *    | *    | *      | *     | *            | *            |
| 23:00       | *     | *     | *                 | *     | *      | *     | *     | *     | *    | *    | *    | *    | *    | *      | *     | *            | *            |
| Total       | 7     | 24    | 88                | 140   | 98     | 43    | 9     | 1     | 0    | 0    | 0    | 0    | 0    | 0      | 410   |              |              |
| Percent     | 1.7%  | 5.9%  | 21.5%             | 34.1% | 23.9%  | 10.5% | 2.2%  | 0.2%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%   |       |              |              |
| AM Peak     | 07:00 | 07:00 | 07:00             | 07:00 | 07:00  | 07:00 | 06:00 | 02:00 |      |      |      |      |      |        | 07:00 |              |              |
| Vol.        | 4     | 12    | 74                | 107   | 65     | 22    | 4     | 1     |      |      |      |      |      |        | 285   |              |              |
| PM Peak     |       |       |                   |       |        |       |       |       |      |      |      |      |      |        |       |              |              |
| Vol.        |       |       |                   |       |        |       |       |       |      |      |      |      |      |        |       |              |              |
| Total       | 28    | 95    | 283               | 471   | 517    | 238   | 50    | 4     | 0    | 0    | 0    | 0    | 0    | 0      | 1686  |              |              |
| Percent     | 1.7%  | 5.6%  | 16.8%             | 27.9% | 30.7%  | 14.1% | 3.0%  | 0.2%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%   |       |              |              |
|             |       |       | 15th Percentile : |       | 22 MPH |       |       |       |      |      |      |      |      |        |       |              |              |
|             |       |       | 50th Percentile : |       | 29 MPH |       |       |       |      |      |      |      |      |        |       |              |              |
|             |       |       | 85th Percentile : |       | 35 MPH |       |       |       |      |      |      |      |      |        |       |              |              |
|             |       |       | 95th Percentile : |       | 39 MPH |       |       |       |      |      |      |      |      |        |       |              |              |

Stats

10 MPH Pace Speed : 26-35 MPH

Number in Pace : 988

Percent in Pace : 58.6%

Number of Vehicles > 35 MPH : 292

Percent of Vehicles > 35 MPH : 17.3%

Mean Speed(Average) : 30 MPH

Attachment: Speed (Crosswalk request)



**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230

Site Code: SIMAS NB

Simas School

Date Start: 23-Aug-17

| Direction 1 |        |        |        |         |          |          |          |          |          |          |          |          |          |           |
|-------------|--------|--------|--------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| Start Time  | 1<br>4 | 5<br>6 | 7<br>8 | 9<br>10 | 11<br>12 | 13<br>14 | 15<br>16 | 17<br>18 | 19<br>20 | 21<br>22 | 23<br>24 | 25<br>26 | 27<br>28 | 29<br>999 |
| 08/23/17    | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 01:00       | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 02:00       | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 03:00       | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 04:00       | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 05:00       | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 06:00       | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 07:00       | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 08:00       | 9      | 11     | 4      | 5       | 3        | 3        | 3        | 1        | 3        | 3        | 2        | 1        | 4        | 42        |
| 09:00       | 2      | 4      | 4      | 0       | 2        | 2        | 1        | 0        | 1        | 2        | 2        | 0        | 1        | 27        |
| 10:00       | 0      | 0      | 2      | 4       | 4        | 0        | 0        | 0        | 1        | 0        | 0        | 1        | 1        | 32        |
| 11:00       | 5      | 3      | 2      | 4       | 2        | 2        | 1        | 0        | 1        | 1        | 1        | 5        | 0        | 29        |
| 12 PM       | 29     | 19     | 10     | 4       | 2        | 7        | 9        | 6        | 7        | 3        | 2        | 6        | 3        | 46        |
| 13:00       | 4      | 5      | 3      | 0       | 3        | 2        | 2        | 4        | 3        | 1        | 1        | 3        | 0        | 43        |
| 14:00       | 8      | 3      | 1      | 1       | 1        | 3        | 3        | 1        | 2        | 1        | 0        | 2        | 2        | 41        |
| 15:00       | 29     | 11     | 9      | 8       | 7        | 5        | 5        | 5        | 7        | 4        | 4        | 3        | 2        | 51        |
| 16:00       | 28     | 10     | 10     | 4       | 6        | 4        | 4        | 5        | 3        | 1        | 2        | 4        | 2        | 46        |
| 17:00       | 43     | 13     | 20     | 11      | 9        | 5        | 10       | 5        | 9        | 3        | 4        | 5        | 1        | 45        |
| 18:00       | 15     | 13     | 2      | 6       | 7        | 2        | 3        | 5        | 3        | 3        | 8        | 3        | 2        | 49        |
| 19:00       | 6      | 5      | 3      | 3       | 6        | 4        | 2        | 2        | 4        | 2        | 1        | 2        | 1        | 42        |
| 20:00       | 24     | 9      | 10     | 6       | 5        | 3        | 4        | 4        | 6        | 5        | 4        | 5        | 4        | 41        |
| 21:00       | 5      | 2      | 0      | 1       | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 20        |
| 22:00       | 2      | 2      | 0      | 0       | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 17        |
| 23:00       | 0      | 0      | 0      | 0       | 1        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 15        |
| Total       | 209    | 110    | 80     | 57      | 60       | 44       | 47       | 38       | 50       | 29       | 31       | 41       | 23       | 586       |

Attachment: Gap (crosswalk request)

96 total



**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230

Site Code: SIMAS NB

Simas School

Date Start: 23-Aug-17

| Direction 1 |     |     |    |    |    |    |    |    |    |    |    |    |    |     |
|-------------|-----|-----|----|----|----|----|----|----|----|----|----|----|----|-----|
| Start Time  | 1   | 5   | 7  | 9  | 11 | 13 | 15 | 17 | 19 | 21 | 23 | 25 | 27 | 29  |
|             | 4   | 6   | 8  | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 999 |
| 08/24/17    | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1   |
| 01:00       | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 4   |
| 02:00       | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 1   |
| 03:00       | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2   |
| 04:00       | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 9   |
| 05:00       | 0   | 0   | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 7   |
| 06:00       | 1   | 0   | 0  | 2  | 0  | 0  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 20  |
| 07:00       | 24  | 12  | 9  | 11 | 7  | 6  | 10 | 4  | 5  | 4  | 4  | 2  | 7  | 35  |
| 08:00       | *   | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 09:00       | *   | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 10:00       | *   | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 11:00       | *   | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 12 PM       | *   | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 13:00       | *   | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 14:00       | *   | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 15:00       | *   | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 16:00       | *   | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 17:00       | *   | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 18:00       | *   | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 19:00       | *   | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 20:00       | *   | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 21:00       | *   | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 22:00       | *   | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 23:00       | *   | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| Total       | 25  | 12  | 9  | 13 | 7  | 6  | 12 | 5  | 5  | 5  | 4  | 2  | 7  | 79  |
| Grand Total | 234 | 122 | 89 | 70 | 67 | 50 | 59 | 43 | 55 | 34 | 35 | 43 | 30 | 665 |

Attachment: Gap (Crosswalk request)



**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230

Site Code: SIMAS SB

Simas School

Date Start: 23-Aug-17

| Direction 1 |        |        |        |         |          |          |          |          |          |          |          |          |          |           |
|-------------|--------|--------|--------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| Start Time  | 1<br>4 | 5<br>6 | 7<br>8 | 9<br>10 | 11<br>12 | 13<br>14 | 15<br>16 | 17<br>18 | 19<br>20 | 21<br>22 | 23<br>24 | 25<br>26 | 27<br>28 | 29<br>999 |
| 08/23/17    | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 01:00       | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 02:00       | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 03:00       | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 04:00       | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 05:00       | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 06:00       | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 07:00       | *      | *      | *      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         |
| 08:00       | 29     | 12     | 14     | 11      | 13       | 5        | 8        | 6        | 10       | 1        | 1        | 1        | 3        | 41        |
| 09:00       | 7      | 3      | 3      | 2       | 3        | 1        | 3        | 0        | 0        | 4        | 3        | 1        | 3        | 37        |
| 10:00       | 2      | 1      | 2      | 0       | 2        | 1        | 5        | 3        | 1        | 0        | 2        | 0        | 3        | 34        |
| 11:00       | 4      | 4      | 2      | 2       | 1        | 2        | 4        | 1        | 0        | 1        | 0        | 1        | 1        | 38        |
| 12 PM       | 23     | 9      | 9      | 5       | 7        | 4        | 9        | 7        | 3        | 4        | 4        | 3        | 4        | 47        |
| 13:00       | 6      | 3      | 5      | 4       | 3        | 5        | 6        | 3        | 5        | 0        | 2        | 1        | 3        | 40        |
| 14:00       | 1      | 3      | 0      | 4       | 3        | 1        | 3        | 4        | 4        | 0        | 2        | 2        | 2        | 41        |
| 15:00       | 9      | 12     | 11     | 10      | 6        | 3        | 5        | 8        | 3        | 2        | 4        | 6        | 1        | 45        |
| 16:00       | 5      | 9      | 3      | 5       | 2        | 3        | 2        | 4        | 4        | 1        | 2        | 2        | 2        | 43        |
| 17:00       | 16     | 8      | 8      | 7       | 7        | 4        | 3        | 11       | 5        | 5        | 7        | 4        | 2        | 37        |
| 18:00       | 9      | 3      | 2      | 4       | 5        | 7        | 1        | 1        | 2        | 3        | 3        | 6        | 4        | 43        |
| 19:00       | 6      | 1      | 2      | 4       | 4        | 3        | 2        | 2        | 4        | 3        | 2        | 2        | 3        | 49        |
| 20:00       | 5      | 2      | 0      | 0       | 2        | 3        | 4        | 1        | 3        | 4        | 3        | 1        | 3        | 35        |
| 21:00       | 0      | 0      | 1      | 0       | 1        | 0        | 0        | 1        | 0        | 1        | 0        | 1        | 0        | 24        |
| 22:00       | 0      | 0      | 2      | 0       | 1        | 0        | 0        | 0        | 0        | 0        | 1        | 0        | 1        | 18        |
| 23:00       | 0      | 0      | 0      | 0       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 6         |
| Total       | 122    | 70     | 64     | 58      | 60       | 42       | 55       | 52       | 44       | 29       | 36       | 31       | 35       | 578       |

crosswalk request)  
Attachment: Gap  
85 total



**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230

Site Code: SIMAS SB

Simas School

Date Start: 23-Aug-17

| Direction 1 |     |     |    |    |    |    |    |    |    |    |    |    |    |     |
|-------------|-----|-----|----|----|----|----|----|----|----|----|----|----|----|-----|
| Start Time  | 1   | 5   | 7  | 9  | 11 | 13 | 15 | 17 | 19 | 21 | 23 | 25 | 27 | 29  |
|             | 4   | 6   | 8  | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 999 |
| 08/24/17    | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 4   |
| 01:00       | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 4   |
| 02:00       | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 2   |
| 03:00       | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 3   |
| 04:00       | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 10  |
| 05:00       | 0   | 3   | 1  | 0  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 32  |
| 06:00       | 7   | 3   | 2  | 3  | 0  | 4  | 3  | 2  | 5  | 2  | 1  | 3  | 0  | 29  |
| 07:00       | 99  | 38  | 28 | 15 | 18 | 18 | 15 | 8  | 6  | 5  | 3  | 5  | 0  | 27  |
| 08:00       | *   | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 09:00       | *   | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 10:00       | *   | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 11:00       | *   | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 12 PM       | *   | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 13:00       | *   | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 14:00       | *   | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 15:00       | *   | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 16:00       | *   | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 17:00       | *   | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 18:00       | *   | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 19:00       | *   | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 20:00       | *   | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 21:00       | *   | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 22:00       | *   | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| 23:00       | *   | *   | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *  | *   |
| Total       | 106 | 44  | 31 | 18 | 19 | 23 | 18 | 10 | 11 | 7  | 4  | 8  | 0  | 111 |
| Grand Total | 228 | 114 | 95 | 76 | 79 | 65 | 73 | 62 | 55 | 36 | 40 | 39 | 35 | 689 |

105  
total

Attachment: Gap (Crosswalk request)



# CITY OF HANFORD

## Public Works - Engineering

Location : Fitzgerald Ln. at Simas school  
 Weather : Clear & Dry  
 Operator : SPD

Station : 0  
 Start Date : 08/23/17  
 Day : Wednesday

| Begin Time   | NB           | SB           | EB         | WB         | Total        |
|--------------|--------------|--------------|------------|------------|--------------|
| 12:00 AM     | 1            | 4            |            |            | 5            |
| 1:00         | 4            | 4            |            |            | 8            |
| 2:00         | 2            | 2            |            |            | 4            |
| 3:00         | 2            | 3            |            |            | 5            |
| 4:00         | 9            | 10           |            |            | 19           |
| 5:00         | 8            | 38           |            |            | 46           |
| 6:00         | 25           | 64           |            |            | 89           |
| 7:00         | 140          | 285          |            |            | 425          |
| 8:00         | 94           | 155          |            |            | 249          |
| 9:00         | 48           | 70           |            |            | 118          |
| 10:00        | 45           | 56           |            |            | 101          |
| 11:00        | 56           | 61           |            |            | 117          |
| 12:00 PM     | 153          | 138          |            |            | 291          |
| 1:00         | 74           | 86           |            |            | 160          |
| 2:00         | 69           | 70           |            |            | 139          |
| 3:00         | 150          | 125          |            |            | 275          |
| 4:00         | 129          | 87           |            |            | 216          |
| 5:00         | 183          | 124          |            |            | 307          |
| 6:00         | 121          | 93           |            |            | 214          |
| 7:00         | 83           | 87           |            |            | 170          |
| 8:00         | 130          | 66           |            |            | 196          |
| 9:00         | 31           | 29           |            |            | 60           |
| 10:00        | 22           | 23           |            |            | 45           |
| 11:00        | 17           | 6            |            |            | 23           |
| Daily Totals | <b>1,596</b> | <b>1,686</b> | <b>0</b>   | <b>0</b>   | <b>3,282</b> |
| Split %      | <b>48.6</b>  | <b>51.4</b>  | <b>0.0</b> | <b>0.0</b> |              |

AM Peak  
 Volume **425**

PM Peak  
 Volume **307**

Attachment: Fitzgerald at Simas school (Crosswalk request)



LOCATION: Fitzgerald Lane at Simas School

### WARRANTS FOR PEDESTRIAN CROSSWALKS

In order to qualify for a marked crosswalk, a location must: (A) meet the following basic warrants, and (B) rate 16 points or more under the following point system:

#### A) Basic Warrants

#### SATISFIED

##### Pedestrian Volume Warrant

**Are there more than 20 pedestrians crossing during peak hour?**

Crosswalks will not be installed where the pedestrian volume is less than 20 pedestrians per hour (pph) during the peak pedestrian hour.

Yes

No

☐
☒

##### Approach Speed Warrant

**Is the 85 percentile less than 45 mph?**

Crosswalks will not be installed on roadways where the 85<sup>th</sup> percentile approach speeds are in excess of 45 mph. The approach speeds shall be determined by approved engineering speed study techniques. All crosswalks installed on roadways in excess of 40 mph will require additional safety improvements (ie. traffic-calming treatments, flashing beacons, and/or rapid flashings signs, etc.)

☒
☐

##### Visibility Warrant

**Is visibility clear for 200'?**

Crosswalks will not be installed unless the motorist has an unrestricted view of all pedestrians at the proposed crosswalk site, for a distance not less than 200' approaching from each direction. Sites with grades, curves and other sight-restrictive features will require special attention.

☒
☐

##### Illumination Warrant

Proposed crosswalk site must have adequate crosswalk lighting in existence or scheduled for installation prior to the installation of the crosswalk.

**Is there adequate lighting at the site?**

☒
☐

#### B) Warrant point system

Children under 13 years of age, adults over 64 years of age, or disabled persons count as 1.5 pedestrians.

##### Pedestrian Volume Warrant

##### Criterion

##### Point Assignment Pedestrian Total Points

The total number of pedestrians crossing the street under study during the peak pedestrian hour. This includes pedestrians in both crosswalks at an intersection. Crosswalks will not be installed where the pedestrian volume is 20 pph or less.

|          |    |
|----------|----|
| 0-20     | 0  |
| 21-40    | 2  |
| 41-60    | 4  |
| 61-90    | 6  |
| 91-100   | 8  |
| Over 100 | 10 |
| Maximum  | 10 |

13.5 Total  
Pedestrians

0 pts.

Attachment: Warrant-Crosswalk (Crosswalk request)



General Conditions Warrant

|                                                                                                            | Points                                |
|------------------------------------------------------------------------------------------------------------|---------------------------------------|
| (a) Will clarify and define pedestrian routes across a complex Intersection.                               | 2 <input type="checkbox"/>            |
| (b) Will channelize pedestrians into a significantly shorter path.                                         | 2 <input type="checkbox"/>            |
| (c) Will position pedestrians to be seen better by motorists.                                              | 2 <input type="checkbox"/>            |
| (d) Will position pedestrians to expose them to fewer vehicles.                                            | 2 <input type="checkbox"/>            |
| (e) Is located within the Central Business District.                                                       | 2 <input type="checkbox"/>            |
| (f) Is <u>adjacent</u> to a pedestrian generating facility<br>(i.e. school, park, shopping district, etc.) | 4 <input checked="" type="checkbox"/> |
| Maximum                                                                                                    | 10 <u>4 pts.</u>                      |

Gap Time Warrant

| Criterion                                                                                                                                                                  | Point Assignment                                 |                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------------------|
|                                                                                                                                                                            | Average number of gaps<br>per five-minute period | Points                                |
| The number of unimpeded vehicle time gaps equal to or exceeding the required pedestrian crossing time (PCT) in an average five minute period during the peak vehicle hour. | 0 – 0.99                                         | 10 <input type="checkbox"/>           |
|                                                                                                                                                                            | 1 – 1.99                                         | 8 <input type="checkbox"/>            |
|                                                                                                                                                                            | 2 – 2.99                                         | 6 <input type="checkbox"/>            |
|                                                                                                                                                                            | 3 – 3.99                                         | 4 <input type="checkbox"/>            |
|                                                                                                                                                                            | 4 – 4.99                                         | 2 <input type="checkbox"/>            |
|                                                                                                                                                                            | 5 or over                                        | 0 <input checked="" type="checkbox"/> |
| Maximum                                                                                                                                                                    | 10                                               | <u>0 pts.</u>                         |

Computations:

$$(1) \text{ Pedestrian crossing time} = \frac{\text{Street width curb to curb}}{4.0 \text{ feet per second}} \quad 48/4 = 12$$

$$(2) \text{ Average number of gaps per five-minute period} = \frac{\text{Total gaps/hr} > \text{required PCT}}{12} \quad 84/12 = 7$$

Provisions:

- (1) The above criterion is based on a one hour field survey.
- (2) All roadways having a raised median or a painted median (4 foot minimum width) will be considered as two separate roadways, if the pedestrian has a protected place to stand out of the path of traffic.

4 pts. total





## AGENDA STAFF REPORT

|                                |                          |
|--------------------------------|--------------------------|
| <b>MEETING DATE:</b> 9/28/2017 | <b>AGENDA SECTION:</b> 5 |
|--------------------------------|--------------------------|

### **SUBJECT:**

Intersection Study at Monterey Avenue and Sidonia Street

---

### **RECOMMENDATION**

That the Parking & Traffic Commission, by motion, recommend to the City Council that Yield signs be placed on Sidonia Street at its intersection with Monterey Avenue.

### **BACKGROUND**

Staff noted a possible need for traffic control at the intersection of Sidonia Street and Monterey Avenue. Motorists traveling in both directions were assuming the right-of-way. To address this concern, staff conducted an intersection study of the location.

Monterey Avenue is a north-south bound two-lane residential street with a curb to curb width of 40 feet. This width is adequate for a single lane in each direction with room for street parking. Sidonia Street is an east-west bound two-lane residential street with a curb to curb width of 40 feet. This width is adequate for two lanes in each direction with room for parking. There are no schools in the vicinity.

The speed limit on both streets is prima facie 25 MPH. The 85<sup>th</sup> percentile speed on Monterey Avenue is 29 MPH and has the majority of the traffic volume at 855 vehicles per day. The 85<sup>th</sup> percentile speed on Sidonia Street is 19 MPH and has a traffic volume of 353 vehicles per day. In the last five years, there have been no accidents reported at the intersection. The sight stopping distance at the intersection is adequate for both Monterey Avenue and Sidonia Street.

Based on the traffic study staff recommends Yield signs be placed on Sidonia Street at its intersection with Monterey Avenue. Attached is an aerial photo of the area, entering volume and speed summaries, warrants for Two-Way stop and Yield.



Respectfully submitted,

Shawn Dailey, Secretary  
Engineering Technician, II

**FISCAL IMPACT:**

**ATTACHMENTS:**

Monterey-Sidonia

Volume

Speed

Monterey-Sidonia-17

Monterey-Sidonia-TWO-WAY STOP

Monterey-Sidonia\_YIELD SIGNS







**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: MONTEREY NB  
Monterey Ave. at Sidonia St.  
Date Start: 23-Aug-17

| Start Time   | Mon<br>21-Aug-17 | Tue  | Wed      | Thu   | Fri  | Average<br>Day | Sat   | Sun  | Week<br>Average |
|--------------|------------------|------|----------|-------|------|----------------|-------|------|-----------------|
| 12:00 AM     | *                | *    | *        | 9     | *    | 9              | *     | *    | 9               |
| 01:00        | *                | *    | *        | 5     | *    | 5              | *     | *    | 5               |
| 02:00        | *                | *    | *        | 0     | *    | 0              | *     | *    | 0               |
| 03:00        | *                | *    | *        | 1     | *    | 1              | *     | *    | 1               |
| 04:00        | *                | *    | *        | 6     | *    | 6              | *     | *    | 6               |
| 05:00        | *                | *    | *        | 6     | *    | 6              | *     | *    | 6               |
| 06:00        | *                | *    | *        | 19    | *    | 19             | *     | *    | 19              |
| 07:00        | *                | *    | *        | 47    | *    | 47             | *     | *    | 47              |
| 08:00        | *                | *    | 39       | *     | *    | 39             | *     | *    | 39              |
| 09:00        | *                | *    | 20       | *     | *    | 20             | *     | *    | 20              |
| 10:00        | *                | *    | 9        | *     | *    | 9              | *     | *    | 9               |
| 11:00        | *                | *    | 19       | *     | *    | 19             | *     | *    | 19              |
| 12:00 PM     | *                | *    | 35       | *     | *    | 35             | *     | *    | 35              |
| 01:00        | *                | *    | 26       | *     | *    | 26             | *     | *    | 26              |
| 02:00        | *                | *    | 28       | *     | *    | 28             | *     | *    | 28              |
| 03:00        | *                | *    | 38       | *     | *    | 38             | *     | *    | 38              |
| 04:00        | *                | *    | 48       | *     | *    | 48             | *     | *    | 48              |
| 05:00        | *                | *    | 55       | *     | *    | 55             | *     | *    | 55              |
| 06:00        | *                | *    | 45       | *     | *    | 45             | *     | *    | 45              |
| 07:00        | *                | *    | 50       | *     | *    | 50             | *     | *    | 50              |
| 08:00        | *                | *    | 43       | *     | *    | 43             | *     | *    | 43              |
| 09:00        | *                | *    | 24       | *     | *    | 24             | *     | *    | 24              |
| 10:00        | *                | *    | 24       | *     | *    | 24             | *     | *    | 24              |
| 11:00        | *                | *    | 11       | *     | *    | 11             | *     | *    | 11              |
| Total        | 0                | 0    | 514      | 93    | 0    | 607            | 0     | 0    | 607             |
| % Avg. WkDay | 0.0%             | 0.0% | 84.7%    | 15.3% | 0.0% | 100.0%         |       |      |                 |
| % Avg. Week  | 0.0%             | 0.0% | 84.7%    | 15.3% | 0.0% | 100.0%         | 0.0%  | 0.0% |                 |
| AM Peak      | -                | -    | 08:00    | 07:00 | -    | -              | 07:00 | -    | -               |
| Vol.         | -                | -    | 39       | 47    | -    | -              | 47    | -    | -               |
| PM Peak      | -                | -    | 17:00    | -     | -    | -              | 17:00 | -    | -               |
| Vol.         | -                | -    | 55       | -     | -    | -              | 55    | -    | -               |
| Total        | 0                | 0    | 514      | 93    | 0    | 607            | 0     | 0    | 607             |
| ADT          | ADT 599          |      | AADT 599 |       |      |                |       |      |                 |

Attachment: Volume (Sidonia Yield)



**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: MONTEREY SB  
Monterey Ave. at Sidonia St.  
Date Start: 23-Aug-17

| Start Time   | Mon<br>21-Aug-17 | Tue  | Wed      | Thu   | Fri  | Average<br>Day | Sat   | Sun  | Week<br>Average |
|--------------|------------------|------|----------|-------|------|----------------|-------|------|-----------------|
| 12:00 AM     | *                | *    | *        | 2     | *    | 2              | *     | *    | 2               |
| 01:00        | *                | *    | *        | 1     | *    | 1              | *     | *    | 1               |
| 02:00        | *                | *    | *        | 0     | *    | 0              | *     | *    | 0               |
| 03:00        | *                | *    | *        | 0     | *    | 0              | *     | *    | 0               |
| 04:00        | *                | *    | *        | 7     | *    | 7              | *     | *    | 7               |
| 05:00        | *                | *    | *        | 8     | *    | 8              | *     | *    | 8               |
| 06:00        | *                | *    | *        | 12    | *    | 12             | *     | *    | 12              |
| 07:00        | *                | *    | *        | 26    | *    | 26             | *     | *    | 26              |
| 08:00        | *                | *    | *        | 8     | *    | 8              | *     | *    | 8               |
| 09:00        | *                | *    | 5        | *     | *    | 5              | *     | *    | 5               |
| 10:00        | *                | *    | 7        | *     | *    | 7              | *     | *    | 7               |
| 11:00        | *                | *    | 8        | *     | *    | 8              | *     | *    | 8               |
| 12:00 PM     | *                | *    | 12       | *     | *    | 12             | *     | *    | 12              |
| 01:00        | *                | *    | 9        | *     | *    | 9              | *     | *    | 9               |
| 02:00        | *                | *    | 18       | *     | *    | 18             | *     | *    | 18              |
| 03:00        | *                | *    | 10       | *     | *    | 10             | *     | *    | 10              |
| 04:00        | *                | *    | 18       | *     | *    | 18             | *     | *    | 18              |
| 05:00        | *                | *    | 19       | *     | *    | 19             | *     | *    | 19              |
| 06:00        | *                | *    | 13       | *     | *    | 13             | *     | *    | 13              |
| 07:00        | *                | *    | 23       | *     | *    | 23             | *     | *    | 23              |
| 08:00        | *                | *    | 20       | *     | *    | 20             | *     | *    | 20              |
| 09:00        | *                | *    | 9        | *     | *    | 9              | *     | *    | 9               |
| 10:00        | *                | *    | 8        | *     | *    | 8              | *     | *    | 8               |
| 11:00        | *                | *    | 5        | *     | *    | 5              | *     | *    | 5               |
| Total        | 0                | 0    | 184      | 64    | 0    | 248            | 0     | 0    | 248             |
| % Avg. WkDay | 0.0%             | 0.0% | 74.2%    | 25.8% | 0.0% | 100.0%         |       |      |                 |
| % Avg. Week  | 0.0%             | 0.0% | 74.2%    | 25.8% | 0.0% | 100.0%         | 0.0%  | 0.0% |                 |
| AM Peak      | -                | -    | 11:00    | 07:00 | -    | -              | 07:00 | -    | -               |
| Vol.         | -                | -    | 8        | 26    | -    | -              | 26    | -    | -               |
| PM Peak      | -                | -    | 19:00    | -     | -    | -              | 19:00 | -    | -               |
| Vol.         | -                | -    | 23       | -     | -    | -              | 23    | -    | -               |
| Total        | 0                | 0    | 184      | 64    | 0    | 248            | 0     | 0    | 248             |
| ADT          | ADT 248          |      | AADT 248 |       |      |                |       |      |                 |

Attachment: Volume (Sidonia Yield)



**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: SIDONIA EB  
Sidonia St. at Monterey Ave.  
Date Start: 23-Aug-17

| Start Time   | Mon<br>21-Aug-17 | Tue  | Wed      | Thu   | Fri  | Average<br>Day | Sat   | Sun  | Week<br>Average |
|--------------|------------------|------|----------|-------|------|----------------|-------|------|-----------------|
| 12:00 AM     | *                | *    | *        | 0     | *    | 0              | *     | *    | 0               |
| 01:00        | *                | *    | *        | 1     | *    | 1              | *     | *    | 1               |
| 02:00        | *                | *    | *        | 3     | *    | 3              | *     | *    | 3               |
| 03:00        | *                | *    | *        | 2     | *    | 2              | *     | *    | 2               |
| 04:00        | *                | *    | *        | 2     | *    | 2              | *     | *    | 2               |
| 05:00        | *                | *    | *        | 5     | *    | 5              | *     | *    | 5               |
| 06:00        | *                | *    | *        | 12    | *    | 12             | *     | *    | 12              |
| 07:00        | *                | *    | *        | 26    | *    | 26             | *     | *    | 26              |
| 08:00        | *                | *    | *        | 14    | *    | 14             | *     | *    | 14              |
| 09:00        | *                | *    | 13       | *     | *    | 13             | *     | *    | 13              |
| 10:00        | *                | *    | 10       | *     | *    | 10             | *     | *    | 10              |
| 11:00        | *                | *    | 11       | *     | *    | 11             | *     | *    | 11              |
| 12:00 PM     | *                | *    | 23       | *     | *    | 23             | *     | *    | 23              |
| 01:00        | *                | *    | 13       | *     | *    | 13             | *     | *    | 13              |
| 02:00        | *                | *    | 9        | *     | *    | 9              | *     | *    | 9               |
| 03:00        | *                | *    | 5        | *     | *    | 5              | *     | *    | 5               |
| 04:00        | *                | *    | 9        | *     | *    | 9              | *     | *    | 9               |
| 05:00        | *                | *    | 23       | *     | *    | 23             | *     | *    | 23              |
| 06:00        | *                | *    | 5        | *     | *    | 5              | *     | *    | 5               |
| 07:00        | *                | *    | 17       | *     | *    | 17             | *     | *    | 17              |
| 08:00        | *                | *    | 13       | *     | *    | 13             | *     | *    | 13              |
| 09:00        | *                | *    | 9        | *     | *    | 9              | *     | *    | 9               |
| 10:00        | *                | *    | 3        | *     | *    | 3              | *     | *    | 3               |
| 11:00        | *                | *    | 1        | *     | *    | 1              | *     | *    | 1               |
| Total        | 0                | 0    | 164      | 65    | 0    | 229            | 0     | 0    | 229             |
| % Avg. WkDay | 0.0%             | 0.0% | 71.6%    | 28.4% | 0.0% | 100.0%         |       |      |                 |
| % Avg. Week  | 0.0%             | 0.0% | 71.6%    | 28.4% | 0.0% | 100.0%         | 0.0%  | 0.0% |                 |
| AM Peak      | -                | -    | 09:00    | 07:00 | -    | -              | 07:00 | -    | -               |
| Vol.         | -                | -    | 13       | 26    | -    | -              | 26    | -    | -               |
| PM Peak      | -                | -    | 12:00    | -     | -    | -              | 12:00 | -    | -               |
| Vol.         | -                | -    | 23       | -     | -    | -              | 23    | -    | -               |
| Total        | 0                | 0    | 164      | 65    | 0    | 229            | 0     | 0    | 229             |
| ADT          | ADT 229          |      | AADT 229 |       |      |                |       |      |                 |

Attachment: Volume (Sidonia Yield)

**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: SIDONIA WB  
Sidonia St. at Monterey Ave.  
Date Start: 23-Aug-17

| Start Time      | Mon<br>21-Aug-17 | Tue  | Wed      | Thu   | Fri  | Average<br>Day | Sat   | Sun  | Week<br>Average |
|-----------------|------------------|------|----------|-------|------|----------------|-------|------|-----------------|
| 12:00 AM        | *                | *    | *        | 0     | *    | 0              | *     | *    | 0               |
| 01:00           | *                | *    | *        | 0     | *    | 0              | *     | *    | 0               |
| 02:00           | *                | *    | *        | 0     | *    | 0              | *     | *    | 0               |
| 03:00           | *                | *    | *        | 1     | *    | 1              | *     | *    | 1               |
| 04:00           | *                | *    | *        | 2     | *    | 2              | *     | *    | 2               |
| 05:00           | *                | *    | *        | 4     | *    | 4              | *     | *    | 4               |
| 06:00           | *                | *    | *        | 7     | *    | 7              | *     | *    | 7               |
| 07:00           | *                | *    | *        | 9     | *    | 9              | *     | *    | 9               |
| 08:00           | *                | *    | *        | 4     | *    | 4              | *     | *    | 4               |
| 09:00           | *                | *    | 2        | *     | *    | 2              | *     | *    | 2               |
| 10:00           | *                | *    | 6        | *     | *    | 6              | *     | *    | 6               |
| 11:00           | *                | *    | 7        | *     | *    | 7              | *     | *    | 7               |
| 12:00 PM        | *                | *    | 12       | *     | *    | 12             | *     | *    | 12              |
| 01:00           | *                | *    | 7        | *     | *    | 7              | *     | *    | 7               |
| 02:00           | *                | *    | 13       | *     | *    | 13             | *     | *    | 13              |
| 03:00           | *                | *    | 3        | *     | *    | 3              | *     | *    | 3               |
| 04:00           | *                | *    | 2        | *     | *    | 2              | *     | *    | 2               |
| 05:00           | *                | *    | 10       | *     | *    | 10             | *     | *    | 10              |
| 06:00           | *                | *    | 4        | *     | *    | 4              | *     | *    | 4               |
| 07:00           | *                | *    | 8        | *     | *    | 8              | *     | *    | 8               |
| 08:00           | *                | *    | 11       | *     | *    | 11             | *     | *    | 11              |
| 09:00           | *                | *    | 7        | *     | *    | 7              | *     | *    | 7               |
| 10:00           | *                | *    | 3        | *     | *    | 3              | *     | *    | 3               |
| 11:00           | *                | *    | 2        | *     | *    | 2              | *     | *    | 2               |
| Total           | 0                | 0    | 97       | 27    | 0    | 124            | 0     | 0    | 124             |
| % Avg.<br>WkDay | 0.0%             | 0.0% | 78.2%    | 21.8% | 0.0% | 100.0%         |       |      |                 |
| % Avg.<br>Week  | 0.0%             | 0.0% | 78.2%    | 21.8% | 0.0% | 100.0%         | 0.0%  | 0.0% |                 |
| AM Peak         | -                | -    | 11:00    | 07:00 | -    | -              | 07:00 | -    | -               |
| Vol.            | -                | -    | 7        | 9     | -    | -              | 9     | -    | -               |
| PM Peak         | -                | -    | 14:00    | -     | -    | -              | 14:00 | -    | -               |
| Vol.            | -                | -    | 13       | -     | -    | -              | 13    | -    | -               |
| Total           | 0                | 0    | 97       | 27    | 0    | 124            | 0     | 0    | 124             |
| ADT             | ADT 124          |      | AADT 124 |       |      |                |       |      |                 |

Attachment: Volume (Sidonia Yield)



**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: MONTEREY NB  
Monterey Ave. at Sidonia St.  
Date Start: 23-Aug-17

## Direction 1

| Start Time | 1<br>15 | 16<br>20 | 21<br>25 | 26<br>30 | 31<br>35 | 36<br>40 | 41<br>45 | 46<br>50 | 51<br>55 | 56<br>60 | 61<br>65 | 66<br>70 | 71<br>75 | 76<br>999 | Total | 85th<br>Percent | 95th<br>Percent |
|------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-------|-----------------|-----------------|
| 08/23/17   | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 01:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 02:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 03:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 04:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 05:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 06:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 07:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 08:00      | 24      | 7        | 7        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 39    | 21              | 24              |
| 09:00      | 10      | 3        | 4        | 3        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 20    | 25              | 28              |
| 10:00      | 1       | 2        | 3        | 2        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 9     | 29              | 32              |
| 11:00      | 3       | 7        | 5        | 3        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 19    | 26              | 30              |
| 12 PM      | 7       | 14       | 8        | 3        | 3        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 35    | 26              | 32              |
| 13:00      | 6       | 9        | 9        | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 26    | 23              | 26              |
| 14:00      | 7       | 8        | 11       | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 28    | 24              | 26              |
| 15:00      | 8       | 8        | 15       | 5        | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 38    | 26              | 30              |
| 16:00      | 10      | 14       | 11       | 9        | 4        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 48    | 28              | 31              |
| 17:00      | 17      | 13       | 9        | 9        | 7        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 55    | 29              | 33              |
| 18:00      | 13      | 14       | 11       | 6        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 45    | 25              | 28              |
| 19:00      | 12      | 25       | 13       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 50    | 22              | 24              |
| 20:00      | 9       | 22       | 8        | 4        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 43    | 23              | 27              |
| 21:00      | 7       | 7        | 5        | 4        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 24    | 26              | 29              |
| 22:00      | 3       | 9        | 7        | 4        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 24    | 26              | 29              |
| 23:00      | 3       | 3        | 4        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 11    | 24              | 27              |
| Total      | 140     | 165      | 130      | 58       | 21       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 514   |                 |                 |
| Percent    | 27.2%   | 32.1%    | 25.3%    | 11.3%    | 4.1%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%      |       |                 |                 |
| AM Peak    | 08:00   | 08:00    | 08:00    | 09:00    | 10:00    |          |          |          |          |          |          |          |          |           | 08:00 |                 |                 |
| Vol.       | 24      | 7        | 7        | 3        | 1        |          |          |          |          |          |          |          |          |           | 39    |                 |                 |
| PM Peak    | 17:00   | 19:00    | 15:00    | 16:00    | 17:00    |          |          |          |          |          |          |          |          |           | 17:00 |                 |                 |
| Vol.       | 17      | 25       | 15       | 9        | 7        |          |          |          |          |          |          |          |          |           | 55    |                 |                 |

Attachment: Speed (Sidonia Yield)

**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: MONTEREY NB  
Monterey Ave. at Sidonia St.  
Date Start: 23-Aug-17

## Direction 1

| Start Time | 15    | 16    | 21    | 26    | 31    | 36   | 41   | 46   | 51   | 56   | 61   | 66   | 71   | 76   | Total | 85th Percent | 95th Percent |
|------------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|-------|--------------|--------------|
|            | 15    | 20    | 25    | 30    | 35    | 40   | 45   | 50   | 55   | 60   | 65   | 70   | 75   | 999  |       |              |              |
| 08/24/17   | 1     | 6     | 1     | 1     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 9     | 23           | 27           |
| 01:00      | 1     | 2     | 1     | 1     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 5     | 26           | 28           |
| 02:00      | 0     | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | *            | *            |
| 03:00      | 0     | 0     | 0     | 1     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1     | 29           | 29           |
| 04:00      | 3     | 0     | 0     | 3     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 6     | 28           | 29           |
| 05:00      | 2     | 3     | 0     | 1     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 6     | 25           | 28           |
| 06:00      | 14    | 4     | 1     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 19    | 17           | 20           |
| 07:00      | 30    | 9     | 5     | 2     | 1     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 47    | 20           | 26           |
| 08:00      | *     | *     | *     | *     | *     | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 09:00      | *     | *     | *     | *     | *     | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 10:00      | *     | *     | *     | *     | *     | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 11:00      | *     | *     | *     | *     | *     | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 12 PM      | *     | *     | *     | *     | *     | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 13:00      | *     | *     | *     | *     | *     | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 14:00      | *     | *     | *     | *     | *     | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 15:00      | *     | *     | *     | *     | *     | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 16:00      | *     | *     | *     | *     | *     | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 17:00      | *     | *     | *     | *     | *     | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 18:00      | *     | *     | *     | *     | *     | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 19:00      | *     | *     | *     | *     | *     | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 20:00      | *     | *     | *     | *     | *     | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 21:00      | *     | *     | *     | *     | *     | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 22:00      | *     | *     | *     | *     | *     | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 23:00      | *     | *     | *     | *     | *     | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| Total      | 51    | 24    | 8     | 9     | 1     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 93    |              |              |
| Percent    | 54.8% | 25.8% | 8.6%  | 9.7%  | 1.1%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |       |              |              |
| AM Peak    | 07:00 | 07:00 | 07:00 | 04:00 | 07:00 |      |      |      |      |      |      |      |      |      | 07:00 |              |              |
| Vol.       | 30    | 9     | 5     | 3     | 1     |      |      |      |      |      |      |      |      |      | 47    |              |              |
| PM Peak    |       |       |       |       |       |      |      |      |      |      |      |      |      |      |       |              |              |
| Vol.       |       |       |       |       |       |      |      |      |      |      |      |      |      |      |       |              |              |
| Total      | 191   | 189   | 138   | 67    | 22    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 607   |              |              |
| Percent    | 31.5% | 31.1% | 22.7% | 11.0% | 3.6%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |       |              |              |

15th Percentile : 7 MPH  
 50th Percentile : 17 MPH  
 85th Percentile : 24 MPH  
 95th Percentile : 29 MPH

Stats      10 MPH Pace Speed : 16-25 MPH  
                  Number in Pace : 327  
                  Percent in Pace : 53.9%  
 Number of Vehicles > 25 MPH : 89  
 Percent of Vehicles > 25 MPH : 14.7%  
 Mean Speed(Average) : 18 MPH

Attachment: Speed (Sidonia Yield)



**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: MONTEREY SB  
Monterey Ave. at Sidonia St.  
Date Start: 23-Aug-17

## Direction 1

| Start Time | 1<br>15 | 16<br>20 | 21<br>25 | 26<br>30 | 31<br>35 | 36<br>40 | 41<br>45 | 46<br>50 | 51<br>55 | 56<br>60 | 61<br>65 | 66<br>70 | 71<br>75 | 76<br>999 | Total | 85th<br>Percent | 95th<br>Percent |
|------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-------|-----------------|-----------------|
| 08/23/17   | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 01:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 02:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 03:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 04:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 05:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 06:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 07:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 08:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 09:00      | 2       | 0        | 0        | 2        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 5     | 36              | 38              |
| 10:00      | 0       | 2        | 0        | 1        | 4        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 7     | 33              | 34              |
| 11:00      | 1       | 3        | 2        | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 8     | 27              | 28              |
| 12 PM      | 0       | 2        | 3        | 6        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 12    | 29              | 41              |
| 13:00      | 2       | 3        | 0        | 3        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 9     | 29              | 32              |
| 14:00      | 8       | 4        | 3        | 3        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 18    | 25              | 28              |
| 15:00      | 3       | 0        | 1        | 6        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 10    | 28              | 29              |
| 16:00      | 5       | 0        | 7        | 3        | 2        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 18    | 30              | 35              |
| 17:00      | 4       | 4        | 6        | 3        | 1        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 19    | 28              | 35              |
| 18:00      | 3       | 2        | 3        | 5        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 13    | 28              | 29              |
| 19:00      | 8       | 5        | 5        | 4        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 23    | 26              | 29              |
| 20:00      | 7       | 3        | 5        | 3        | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 20    | 28              | 32              |
| 21:00      | 4       | 1        | 1        | 0        | 2        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 9     | 34              | 37              |
| 22:00      | 4       | 1        | 2        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 8     | 24              | 37              |
| 23:00      | 1       | 1        | 1        | 0        | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 5     | 33              | 34              |
| Total      | 52      | 31       | 39       | 41       | 15       | 5        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 184   |                 |                 |
| Percent    | 28.3%   | 16.8%    | 21.2%    | 22.3%    | 8.2%     | 2.7%     | 0.5%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%      |       |                 |                 |
| AM Peak    | 09:00   | 11:00    | 11:00    | 09:00    | 10:00    | 09:00    |          |          |          |          |          |          |          |           | 11:00 |                 |                 |
| Vol.       | 2       | 3        | 2        | 2        | 4        | 1        |          |          |          |          |          |          |          |           | 8     |                 |                 |
| PM Peak    | 14:00   | 19:00    | 16:00    | 12:00    | 16:00    | 16:00    | 12:00    |          |          |          |          |          |          |           | 19:00 |                 |                 |
| Vol.       | 8       | 5        | 7        | 6        | 2        | 1        | 1        |          |          |          |          |          |          |           | 23    |                 |                 |

Attachment: Speed (Sidonia Yield)

**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: MONTEREY SB  
Monterey Ave. at Sidonia St.  
Date Start: 23-Aug-17

| Direction 1 |       |       |                   |       |        |       |       |      |      |      |      |      |      |      |       |              |              |
|-------------|-------|-------|-------------------|-------|--------|-------|-------|------|------|------|------|------|------|------|-------|--------------|--------------|
| Start Time  | 15    | 16    | 21                | 26    | 31     | 36    | 41    | 46   | 51   | 56   | 61   | 66   | 71   | 76   | Total | 85th Percent | 95th Percent |
|             | 15    | 20    | 25                | 30    | 35     | 40    | 45    | 50   | 55   | 60   | 65   | 70   | 75   | 999  |       |              |              |
| 08/24/17    | 1     | 0     | 0                 | 1     | 0      | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2     | 28           | 29           |
| 01:00       | 0     | 0     | 0                 | 0     | 1      | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1     | 34           | 34           |
| 02:00       | 0     | 0     | 0                 | 0     | 0      | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | *            | *            |
| 03:00       | 0     | 0     | 0                 | 0     | 0      | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | *            | *            |
| 04:00       | 1     | 1     | 4                 | 0     | 0      | 1     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 7     | 24           | 38           |
| 05:00       | 0     | 0     | 3                 | 3     | 1      | 0     | 1     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 8     | 34           | 43           |
| 06:00       | 0     | 2     | 8                 | 0     | 2      | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 12    | 30           | 33           |
| 07:00       | 2     | 3     | 8                 | 8     | 3      | 2     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 26    | 31           | 36           |
| 08:00       | 0     | 3     | 3                 | 0     | 1      | 1     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 8     | 34           | 38           |
| 09:00       | *     | *     | *                 | *     | *      | *     | *     | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 10:00       | *     | *     | *                 | *     | *      | *     | *     | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 11:00       | *     | *     | *                 | *     | *      | *     | *     | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 12 PM       | *     | *     | *                 | *     | *      | *     | *     | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 13:00       | *     | *     | *                 | *     | *      | *     | *     | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 14:00       | *     | *     | *                 | *     | *      | *     | *     | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 15:00       | *     | *     | *                 | *     | *      | *     | *     | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 16:00       | *     | *     | *                 | *     | *      | *     | *     | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 17:00       | *     | *     | *                 | *     | *      | *     | *     | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 18:00       | *     | *     | *                 | *     | *      | *     | *     | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 19:00       | *     | *     | *                 | *     | *      | *     | *     | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 20:00       | *     | *     | *                 | *     | *      | *     | *     | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 21:00       | *     | *     | *                 | *     | *      | *     | *     | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 22:00       | *     | *     | *                 | *     | *      | *     | *     | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 23:00       | *     | *     | *                 | *     | *      | *     | *     | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| Total       | 4     | 9     | 26                | 12    | 8      | 4     | 1     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 64    |              |              |
| Percent     | 6.3%  | 14.1% | 40.6%             | 18.8% | 12.5%  | 6.3%  | 1.6%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |       |              |              |
| AM Peak     | 07:00 | 07:00 | 06:00             | 07:00 | 07:00  | 07:00 | 05:00 |      |      |      |      |      |      |      | 07:00 |              |              |
| Vol.        | 2     | 3     | 8                 | 8     | 3      | 2     | 1     |      |      |      |      |      |      |      | 26    |              |              |
| PM Peak     |       |       |                   |       |        |       |       |      |      |      |      |      |      |      |       |              |              |
| Vol.        |       |       |                   |       |        |       |       |      |      |      |      |      |      |      |       |              |              |
| Total       | 56    | 40    | 65                | 53    | 23     | 9     | 2     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 248   |              |              |
| Percent     | 22.6% | 16.1% | 26.2%             | 21.4% | 9.3%   | 3.6%  | 0.8%  | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |       |              |              |
|             |       |       | 15th Percentile : |       | 9 MPH  |       |       |      |      |      |      |      |      |      |       |              |              |
|             |       |       | 50th Percentile : |       | 22 MPH |       |       |      |      |      |      |      |      |      |       |              |              |
|             |       |       | 85th Percentile : |       | 29 MPH |       |       |      |      |      |      |      |      |      |       |              |              |
|             |       |       | 95th Percentile : |       | 34 MPH |       |       |      |      |      |      |      |      |      |       |              |              |

Stats

10 MPH Pace Speed : 21-30 MPH

Number in Pace : 118

Percent in Pace : 47.6%

Number of Vehicles > 25 MPH : 87

Percent of Vehicles > 25 MPH : 35.1%

Mean Speed(Average) : 22 MPH

Attachment: Speed (Sidonia Yield)



**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: SIDONIA EB  
Sidonia St. at Monterey Ave.  
Date Start: 23-Aug-17

## Direction 1

| Start Time | 1<br>15 | 16<br>20 | 21<br>25 | 26<br>30 | 31<br>35 | 36<br>40 | 41<br>45 | 46<br>50 | 51<br>55 | 56<br>60 | 61<br>65 | 66<br>70 | 71<br>75 | 76<br>999 | Total | 85th<br>Percent | 95th<br>Percent |
|------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-------|-----------------|-----------------|
| 08/23/17   | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 01:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 02:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 03:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 04:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 05:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 06:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 07:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 08:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 09:00      | 6       | 6        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 13    | 19              | 21              |
| 10:00      | 2       | 6        | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 10    | 21              | 23              |
| 11:00      | 9       | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 11    | 15              | 18              |
| 12 PM      | 10      | 9        | 4        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 23    | 20              | 23              |
| 13:00      | 8       | 5        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 13    | 18              | 19              |
| 14:00      | 6       | 3        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 9     | 17              | 19              |
| 15:00      | 1       | 4        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 5     | 19              | 19              |
| 16:00      | 3       | 6        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 9     | 18              | 19              |
| 17:00      | 7       | 16       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 23    | 18              | 19              |
| 18:00      | 1       | 4        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 5     | 19              | 19              |
| 19:00      | 9       | 7        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 17    | 18              | 20              |
| 20:00      | 7       | 4        | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 13    | 20              | 23              |
| 21:00      | 3       | 5        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 9     | 19              | 22              |
| 22:00      | 1       | 1        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 3     | 22              | 24              |
| 23:00      | 0       | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 1     | 19              | 19              |
| Total      | 73      | 79       | 12       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 164   |                 |                 |
| Percent    | 44.5%   | 48.2%    | 7.3%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%      |       |                 |                 |
| AM Peak    | 11:00   | 09:00    | 10:00    |          |          |          |          |          |          |          |          |          |          |           | 09:00 |                 |                 |
| Vol.       | 9       | 6        | 2        |          |          |          |          |          |          |          |          |          |          |           | 13    |                 |                 |
| PM Peak    | 12:00   | 17:00    | 12:00    |          |          |          |          |          |          |          |          |          |          |           | 12:00 |                 |                 |
| Vol.       | 10      | 16       | 4        |          |          |          |          |          |          |          |          |          |          |           | 23    |                 |                 |

Attachment: Speed (Sidonia Yield)

**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: SIDONIA EB  
Sidonia St. at Monterey Ave.  
Date Start: 23-Aug-17

| Direction 1 |         |          |                   |          |          |          |          |          |          |          |          |          |          |           |       |                 |                 |
|-------------|---------|----------|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-------|-----------------|-----------------|
| Start Time  | 1<br>15 | 16<br>20 | 21<br>25          | 26<br>30 | 31<br>35 | 36<br>40 | 41<br>45 | 46<br>50 | 51<br>55 | 56<br>60 | 61<br>65 | 66<br>70 | 71<br>75 | 76<br>999 | Total | 85th<br>Percent | 95th<br>Percent |
| 08/24/17    | 0       | 0        | 0                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0     | *               | *               |
| 01:00       | 1       | 0        | 0                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 1     | 12              | 14              |
| 02:00       | 0       | 3        | 0                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 3     | 19              | 19              |
| 03:00       | 0       | 2        | 0                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 2     | 19              | 19              |
| 04:00       | 1       | 1        | 0                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 2     | 18              | 19              |
| 05:00       | 2       | 2        | 1                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 5     | 21              | 23              |
| 06:00       | 5       | 6        | 1                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 12    | 19              | 21              |
| 07:00       | 9       | 15       | 2                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 26    | 19              | 21              |
| 08:00       | 4       | 10       | 0                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 14    | 18              | 19              |
| 09:00       | *       | *        | *                 | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 10:00       | *       | *        | *                 | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 11:00       | *       | *        | *                 | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 12 PM       | *       | *        | *                 | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 13:00       | *       | *        | *                 | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 14:00       | *       | *        | *                 | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 15:00       | *       | *        | *                 | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 16:00       | *       | *        | *                 | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 17:00       | *       | *        | *                 | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 18:00       | *       | *        | *                 | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 19:00       | *       | *        | *                 | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 20:00       | *       | *        | *                 | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 21:00       | *       | *        | *                 | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 22:00       | *       | *        | *                 | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 23:00       | *       | *        | *                 | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| Total       | 22      | 39       | 4                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 65    |                 |                 |
| Percent     | 33.8%   | 60.0%    | 6.2%              | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%      |       |                 |                 |
| AM Peak     | 07:00   | 07:00    | 07:00             |          |          |          |          |          |          |          |          |          |          |           | 07:00 |                 |                 |
| Vol.        | 9       | 15       | 2                 |          |          |          |          |          |          |          |          |          |          |           | 26    |                 |                 |
| PM Peak     |         |          |                   |          |          |          |          |          |          |          |          |          |          |           |       |                 |                 |
| Vol.        |         |          |                   |          |          |          |          |          |          |          |          |          |          |           |       |                 |                 |
| Total       | 95      | 118      | 16                | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 229   |                 |                 |
| Percent     | 41.5%   | 51.5%    | 7.0%              | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%      |       |                 |                 |
|             |         |          | 15th Percentile : |          | 5 MPH    |          |          |          |          |          |          |          |          |           |       |                 |                 |
|             |         |          | 50th Percentile : |          | 15 MPH   |          |          |          |          |          |          |          |          |           |       |                 |                 |
|             |         |          | 85th Percentile : |          | 19 MPH   |          |          |          |          |          |          |          |          |           |       |                 |                 |
|             |         |          | 95th Percentile : |          | 21 MPH   |          |          |          |          |          |          |          |          |           |       |                 |                 |

Stats

10 MPH Pace Speed : 11-20 MPH

Number in Pace : 150

Percent in Pace : 65.5%

Number of Vehicles > 25 MPH : 0

Percent of Vehicles > 25 MPH : 0.0%

Mean Speed(Average) : 14 MPH

Attachment: Speed (Sidonia Yield)



**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: SIDONIA WB  
Sidonia St. at Monterey Ave.  
Date Start: 23-Aug-17

## Direction 1

| Start Time | 1<br>15 | 16<br>20 | 21<br>25 | 26<br>30 | 31<br>35 | 36<br>40 | 41<br>45 | 46<br>50 | 51<br>55 | 56<br>60 | 61<br>65 | 66<br>70 | 71<br>75 | 76<br>999 | Total | 85th<br>Percent | 95th<br>Percent |
|------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-------|-----------------|-----------------|
| 08/23/17   | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 01:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 02:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 03:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 04:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 05:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 06:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 07:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 08:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 09:00      | 2       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 2     | 12              | 14              |
| 10:00      | 2       | 3        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 6     | 25              | 28              |
| 11:00      | 6       | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 7     | 14              | 18              |
| 12 PM      | 6       | 5        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 12    | 19              | 21              |
| 13:00      | 5       | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 7     | 17              | 19              |
| 14:00      | 8       | 5        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 13    | 18              | 19              |
| 15:00      | 2       | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 3     | 17              | 19              |
| 16:00      | 0       | 1        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 2     | 23              | 24              |
| 17:00      | 6       | 3        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 10    | 19              | 22              |
| 18:00      | 3       | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 4     | 17              | 19              |
| 19:00      | 6       | 1        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 8     | 18              | 22              |
| 20:00      | 7       | 1        | 2        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 11    | 23              | 27              |
| 21:00      | 5       | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 7     | 17              | 19              |
| 22:00      | 2       | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 3     | 17              | 19              |
| 23:00      | 2       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 2     | 12              | 14              |
| Total      | 62      | 27       | 6        | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 97    |                 |                 |
| Percent    | 63.9%   | 27.8%    | 6.2%     | 2.1%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%      |       |                 |                 |
| AM Peak    | 11:00   | 10:00    |          | 10:00    |          |          |          |          |          |          |          |          |          |           | 11:00 |                 |                 |
| Vol.       | 6       | 3        |          | 1        |          |          |          |          |          |          |          |          |          |           | 7     |                 |                 |
| PM Peak    | 14:00   | 12:00    | 20:00    | 20:00    |          |          |          |          |          |          |          |          |          |           | 14:00 |                 |                 |
| Vol.       | 8       | 5        | 2        | 1        |          |          |          |          |          |          |          |          |          |           | 13    |                 |                 |

Attachment: Speed (Sidonia Yield)

**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: SIDONIA WB  
Sidonia St. at Monterey Ave.  
Date Start: 23-Aug-17

| Direction 1 |       |                                |                   |           |        |      |      |      |      |      |      |      |      |      |       |              |              |
|-------------|-------|--------------------------------|-------------------|-----------|--------|------|------|------|------|------|------|------|------|------|-------|--------------|--------------|
| Start Time  | 15    | 16                             | 21                | 26        | 31     | 36   | 41   | 46   | 51   | 56   | 61   | 66   | 71   | 76   | Total | 85th Percent | 95th Percent |
|             | 15    | 20                             | 25                | 30        | 35     | 40   | 45   | 50   | 55   | 60   | 65   | 70   | 75   | 999  |       |              |              |
| 08/24/17    | 0     | 0                              | 0                 | 0         | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | *            | *            |
| 01:00       | 0     | 0                              | 0                 | 0         | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | *            | *            |
| 02:00       | 0     | 0                              | 0                 | 0         | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | *            | *            |
| 03:00       | 0     | 1                              | 0                 | 0         | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1     | 19           | 19           |
| 04:00       | 1     | 1                              | 0                 | 0         | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2     | 18           | 19           |
| 05:00       | 1     | 3                              | 0                 | 0         | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 4     | 19           | 19           |
| 06:00       | 3     | 4                              | 0                 | 0         | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 7     | 18           | 19           |
| 07:00       | 6     | 2                              | 1                 | 0         | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 9     | 19           | 22           |
| 08:00       | 2     | 2                              | 0                 | 0         | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 4     | 18           | 19           |
| 09:00       | *     | *                              | *                 | *         | *      | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 10:00       | *     | *                              | *                 | *         | *      | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 11:00       | *     | *                              | *                 | *         | *      | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 12 PM       | *     | *                              | *                 | *         | *      | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 13:00       | *     | *                              | *                 | *         | *      | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 14:00       | *     | *                              | *                 | *         | *      | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 15:00       | *     | *                              | *                 | *         | *      | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 16:00       | *     | *                              | *                 | *         | *      | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 17:00       | *     | *                              | *                 | *         | *      | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 18:00       | *     | *                              | *                 | *         | *      | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 19:00       | *     | *                              | *                 | *         | *      | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 20:00       | *     | *                              | *                 | *         | *      | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 21:00       | *     | *                              | *                 | *         | *      | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 22:00       | *     | *                              | *                 | *         | *      | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| 23:00       | *     | *                              | *                 | *         | *      | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            |
| Total       | 13    | 13                             | 1                 | 0         | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 27    |              |              |
| Percent     | 48.1% | 48.1%                          | 3.7%              | 0.0%      | 0.0%   | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |       |              |              |
| AM Peak     | 07:00 | 06:00                          | 07:00             |           |        |      |      |      |      |      |      |      |      |      | 07:00 |              |              |
| Vol.        | 6     | 4                              | 1                 |           |        |      |      |      |      |      |      |      |      |      | 9     |              |              |
| PM Peak     |       |                                |                   |           |        |      |      |      |      |      |      |      |      |      |       |              |              |
| Vol.        |       |                                |                   |           |        |      |      |      |      |      |      |      |      |      |       |              |              |
| Total       | 75    | 40                             | 7                 | 2         | 0      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 124   |              |              |
| Percent     | 60.5% | 32.3%                          | 5.6%              | 1.6%      | 0.0%   | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |       |              |              |
|             |       |                                | 15th Percentile : |           | 3 MPH  |      |      |      |      |      |      |      |      |      |       |              |              |
|             |       |                                | 50th Percentile : |           | 12 MPH |      |      |      |      |      |      |      |      |      |       |              |              |
|             |       |                                | 85th Percentile : |           | 18 MPH |      |      |      |      |      |      |      |      |      |       |              |              |
|             |       |                                | 95th Percentile : |           | 22 MPH |      |      |      |      |      |      |      |      |      |       |              |              |
| Stats       |       | 10 MPH Pace Speed :            |                   | 11-20 MPH |        |      |      |      |      |      |      |      |      |      |       |              |              |
|             |       | Number in Pace :               |                   | 65        |        |      |      |      |      |      |      |      |      |      |       |              |              |
|             |       | Percent in Pace :              |                   | 52.4%     |        |      |      |      |      |      |      |      |      |      |       |              |              |
|             |       | Number of Vehicles > 25 MPH :  |                   | 2         |        |      |      |      |      |      |      |      |      |      |       |              |              |
|             |       | Percent of Vehicles > 25 MPH : |                   | 1.6%      |        |      |      |      |      |      |      |      |      |      |       |              |              |
|             |       | Mean Speed(Average) :          |                   | 12 MPH    |        |      |      |      |      |      |      |      |      |      |       |              |              |

Attachment: Speed (Sidonia Yield)



## CITY OF HANFORD

## Public Works - Engineering

Location : Monterey Ave. at Sidonia St.  
 Weather : Clear & Dry  
 Operator : SPD

Station :  
 Start Date : 08/23/17  
 Day : Wednesday

| Begin Time | NB | SB | sub total | EB | WB | sub total | Total |
|------------|----|----|-----------|----|----|-----------|-------|
| 12:00 AM   | 9  | 2  | 11        | 0  | 0  | 0         | 11    |
| 1:00       | 5  | 1  | 6         | 1  | 0  | 1         | 7     |
| 2:00       | 0  | 0  | 0         | 3  | 0  | 3         | 3     |
| 3:00       | 1  | 0  | 1         | 2  | 1  | 3         | 4     |
| 4:00       | 6  | 7  | 13        | 2  | 2  | 4         | 17    |
| 5:00       | 6  | 8  | 14        | 5  | 4  | 9         | 23    |
| 6:00       | 19 | 12 | 31        | 12 | 7  | 19        | 50    |
| 7:00       | 47 | 26 | 73        | 26 | 9  | 35        | 108   |
| 8:00       | 39 | 8  | 47        | 14 | 4  | 18        | 65    |
| 9:00       | 20 | 5  | 25        | 13 | 2  | 15        | 40    |
| 10:00      | 9  | 7  | 16        | 10 | 6  | 16        | 32    |
| 11:00      | 19 | 8  | 27        | 11 | 7  | 18        | 45    |
| 12:00 PM   | 35 | 12 | 47        | 23 | 12 | 35        | 82    |
| 1:00       | 26 | 9  | 35        | 13 | 7  | 20        | 55    |
| 2:00       | 28 | 18 | 46        | 9  | 13 | 22        | 68    |
| 3:00       | 38 | 10 | 48        | 5  | 3  | 8         | 56    |
| 4:00       | 48 | 18 | 66        | 9  | 2  | 11        | 77    |
| 5:00       | 55 | 19 | 74        | 23 | 10 | 33        | 107   |
| 6:00       | 45 | 13 | 58        | 5  | 4  | 9         | 67    |
| 7:00       | 50 | 23 | 73        | 17 | 8  | 25        | 98    |
| 8:00       | 43 | 20 | 63        | 13 | 11 | 24        | 87    |
| 9:00       | 24 | 9  | 33        | 9  | 7  | 16        | 49    |
| 10:00      | 24 | 8  | 32        | 3  | 3  | 6         | 38    |
| 11:00      | 11 | 5  | 16        | 1  | 2  | 3         | 19    |

|              |             |             |     |             |             |     |              |
|--------------|-------------|-------------|-----|-------------|-------------|-----|--------------|
| Daily Totals | <b>607</b>  | <b>248</b>  | 855 | <b>229</b>  | <b>124</b>  | 353 | <b>1,208</b> |
| Split %      | <b>50.2</b> | <b>20.5</b> |     | <b>19.0</b> | <b>10.3</b> |     |              |

AM Peak  
 Volume **108**

PM Peak  
 Volume **107**

Attachment: Monterey-Sidonia-17 (Sidonia Yield)

LOCATION: Monterey Avenue and Sidonia Street

### WARRANTS FOR TWO-WAY STOP SIGNS

Stop signs may be considered on the minor approach(es) of an intersection if any two of the following conditions exist:

#### SATISFIED

1. VOLUMES

Yes ☐ No ☒

A. Total Vehicular volume on the major street must be 500 vehicles per day,

or 50 vehicles per hour during the peak hour on an average day. Yes ☒ No ☐

B. Total Vehicular volume on the minor street must be 250 vehicles per day,

or 25 vehicles per hour during the peak hour on an average day. Yes ☐ No ☒

2. VISIBILITY

Yes ☐ No ☒

A safe approach speed on the minor street is less than the 85<sup>th</sup> percentile speed and indicates a visibility problem.

3. ACCIDENTS

Yes ☐ No ☒

Three or more accidents within the last 12 months that are correctable by Positive assignment of right-of-way.

3. UNUSUAL CONDITIONS

Yes ☐ No ☒

Where an unusual condition exists at an intersection and an engineering study indicates the problem would be susceptible to correction by use of a two-way stop. Unusual conditions may include the following:

- a. Adjacent to a school or park.
- b. Geometric conditions.
- c. Severity of accidents.



LOCATION: Monterey Avenue at Sidonia Street

### WARRANTS FOR YIELD SIGNS

Stop signs may be considered on the minor approach(es) of an intersection if any of the following conditions exist:

#### SATISFIED

#### 1. VOLUMES

Yes ☒ No ☐

A. Total Vehicular volume on the major street must be 350 vehicles per day,  
or 35 vehicles per hour during the peak hour on an average day. Yes ☒ No ☐

B. Total Vehicular volume on the minor street must be 175 vehicles per day,  
or 15 vehicles per hour during the peak hour on an average day. Yes ☒ No ☐

#### 2. VISIBILITY

Yes ☐ No ☒

A safe approach speed on the minor street is less than the 85<sup>th</sup> percentile speed  
and indicates a visibility problem.

#### 3. ACCIDENTS

Yes ☐ No ☒

Two or more accidents within any 12 month period during the last 3 years  
that are correctable by positive assignment of right-of-way.

#### 4. UNUSUAL CONDITIONS

Yes ☐ No ☒

Geometric conditions that necessitate an assignment of right-of-way to prevent  
confusion and expedite traffic flow.

Attachment: Monterey-Sidonia\_YIELD SIGNS (Sidonia Yield)



## AGENDA STAFF REPORT

|                                |                          |
|--------------------------------|--------------------------|
| <b>MEETING DATE:</b> 9/28/2017 | <b>AGENDA SECTION:</b> 6 |
|--------------------------------|--------------------------|

### **SUBJECT:**

Intersection Study - Douty Street at Center Street / Tenth Street

### **RECOMMENDATION**

That no changes be made to the intersection of Douty Street at Center Street/Tenth Street.

### **DISCUSSION**

Staff received a request to place STOP signs on Douty Street at Center Street/Tenth Street to create an All-Way Stop at the intersection. It was commented that there have been a few accidents at the intersection due to no stopping control and visibility issues. To address this concern, staff conducted an intersection study of the location.

The study location is the intersection of Douty Street and Center Street/Tenth Street with north/south bound traffic on Douty Street and east/west bound traffic on Center Street and Tenth Streets. There are currently STOP signs on Center Street and Tenth Street. Douty Street is a two lane arterial road with a curb width of 50'. The 85<sup>th</sup> percentile speed for north bound is 25 MPH and 29 MPH for south bound. Center Street is a two lane road with a curb width of 38' and Tenth Street has a curb width of 52'. The speed limit on all four legs of the intersection is 25 MPH. The entering volume summary shows the majority of the traffic is on Douty Street. (3,249-north bound and 3,167-south bound). Center Street volume is 1,051 east bound and Tenth Street volume is 677 west bound. In the last five years, there have been eleven accidents at this intersection with no accidents reported in the last year.

Warrants for an All-Way STOP sign were checked. It was determined that the intersection does NOT meet the minimum warrants for the All-Way STOP signs.



Staff recommends that no changes be made to the intersection of Douty Street at Center Street/Tenth Street. Attached is an aerial photo of the area, Warrants for All-Way Stop Sign and entering Vehicle Volume summary.

Respectfully submitted,

Shawn Dailey, Secretary  
Engineering Technician, II

**FISCAL IMPACT:**

**ATTACHMENTS:**

Douty-Center aerial  
Volume  
Speed  
Douty-Center-ALL-WAY STOP





**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: CENTER EB  
Center St. at Douty St.  
Date Start: 07-Mar-17

| Start Time      | Mon<br>06-Mar-17 | Tue   | Wed        | Thu  | Fri  | Average<br>Day | Sat  | Sun  | Week<br>Average |
|-----------------|------------------|-------|------------|------|------|----------------|------|------|-----------------|
| 12:00 AM        | *                | *     | 4          | *    | *    | 4              | *    | *    | 4               |
| 01:00           | *                | *     | 7          | *    | *    | 7              | *    | *    | 7               |
| 02:00           | *                | *     | 3          | *    | *    | 3              | *    | *    | 3               |
| 03:00           | *                | *     | 0          | *    | *    | 0              | *    | *    | 0               |
| 04:00           | *                | *     | 0          | *    | *    | 0              | *    | *    | 0               |
| 05:00           | *                | *     | 5          | *    | *    | 5              | *    | *    | 5               |
| 06:00           | *                | *     | 7          | *    | *    | 7              | *    | *    | 7               |
| 07:00           | *                | *     | 12         | *    | *    | 12             | *    | *    | 12              |
| 08:00           | *                | *     | 24         | *    | *    | 24             | *    | *    | 24              |
| 09:00           | *                | *     | 72         | *    | *    | 72             | *    | *    | 72              |
| 10:00           | *                | *     | 68         | *    | *    | 68             | *    | *    | 68              |
| 11:00           | *                | *     | 90         | *    | *    | 90             | *    | *    | 90              |
| 12:00 PM        | *                | 92    | *          | *    | *    | 92             | *    | *    | 92              |
| 01:00           | *                | 84    | *          | *    | *    | 84             | *    | *    | 84              |
| 02:00           | *                | 93    | *          | *    | *    | 93             | *    | *    | 93              |
| 03:00           | *                | 90    | *          | *    | *    | 90             | *    | *    | 90              |
| 04:00           | *                | 103   | *          | *    | *    | 103            | *    | *    | 103             |
| 05:00           | *                | 96    | *          | *    | *    | 96             | *    | *    | 96              |
| 06:00           | *                | 66    | *          | *    | *    | 66             | *    | *    | 66              |
| 07:00           | *                | 60    | *          | *    | *    | 60             | *    | *    | 60              |
| 08:00           | *                | 33    | *          | *    | *    | 33             | *    | *    | 33              |
| 09:00           | *                | 16    | *          | *    | *    | 16             | *    | *    | 16              |
| 10:00           | *                | 19    | *          | *    | *    | 19             | *    | *    | 19              |
| 11:00           | *                | 7     | *          | *    | *    | 7              | *    | *    | 7               |
| Total           | 0                | 759   | 292        | 0    | 0    | 1051           | 0    | 0    | 1051            |
| % Avg.<br>WkDay | 0.0%             | 72.2% | 27.8%      | 0.0% | 0.0% | 100.0%         |      |      |                 |
| % Avg.<br>Week  | 0.0%             | 72.2% | 27.8%      | 0.0% | 0.0% | 100.0%         | 0.0% | 0.0% |                 |
| AM Peak         | -                | -     | 11:00      | -    | -    | 11:00          | -    | -    | 11:00           |
| Vol.            | -                | -     | 90         | -    | -    | 90             | -    | -    | 90              |
| PM Peak         | -                | 16:00 | -          | -    | -    | 16:00          | -    | -    | 16:00           |
| Vol.            | -                | 103   | -          | -    | -    | 103            | -    | -    | 103             |
| Total           | 0                | 759   | 292        | 0    | 0    | 1051           | 0    | 0    | 1051            |
| ADT             | ADT 1,058        |       | AADT 1,058 |      |      |                |      |      |                 |

Attachment: Volume (Intersection Study)

**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: CENTER WB  
Tenth St. at Douty St.  
Date Start: 07-Mar-17

| Start Time   | Mon<br>06-Mar-17 | Tue   | Wed      | Thu  | Fri  | Average<br>Day | Sat   | Sun  | Week<br>Average |
|--------------|------------------|-------|----------|------|------|----------------|-------|------|-----------------|
| 12:00 AM     | *                | *     | 1        | *    | *    | 1              | *     | *    | 1               |
| 01:00        | *                | *     | 0        | *    | *    | 0              | *     | *    | 0               |
| 02:00        | *                | *     | 0        | *    | *    | 0              | *     | *    | 0               |
| 03:00        | *                | *     | 0        | *    | *    | 0              | *     | *    | 0               |
| 04:00        | *                | *     | 0        | *    | *    | 0              | *     | *    | 0               |
| 05:00        | *                | *     | 1        | *    | *    | 1              | *     | *    | 1               |
| 06:00        | *                | *     | 4        | *    | *    | 4              | *     | *    | 4               |
| 07:00        | *                | *     | 8        | *    | *    | 8              | *     | *    | 8               |
| 08:00        | *                | *     | 14       | *    | *    | 14             | *     | *    | 14              |
| 09:00        | *                | *     | 16       | *    | *    | 16             | *     | *    | 16              |
| 10:00        | *                | *     | 37       | *    | *    | 37             | *     | *    | 37              |
| 11:00        | *                | *     | 64       | *    | *    | 64             | *     | *    | 64              |
| 12:00 PM     | *                | *     | 70       | *    | *    | 70             | *     | *    | 70              |
| 01:00        | *                | 79    | *        | *    | *    | 79             | *     | *    | 79              |
| 02:00        | *                | 60    | *        | *    | *    | 60             | *     | *    | 60              |
| 03:00        | *                | 59    | *        | *    | *    | 59             | *     | *    | 59              |
| 04:00        | *                | 65    | *        | *    | *    | 65             | *     | *    | 65              |
| 05:00        | *                | 63    | *        | *    | *    | 63             | *     | *    | 63              |
| 06:00        | *                | 49    | *        | *    | *    | 49             | *     | *    | 49              |
| 07:00        | *                | 37    | *        | *    | *    | 37             | *     | *    | 37              |
| 08:00        | *                | 22    | *        | *    | *    | 22             | *     | *    | 22              |
| 09:00        | *                | 17    | *        | *    | *    | 17             | *     | *    | 17              |
| 10:00        | *                | 9     | *        | *    | *    | 9              | *     | *    | 9               |
| 11:00        | *                | 2     | *        | *    | *    | 2              | *     | *    | 2               |
| Total        | 0                | 462   | 215      | 0    | 0    | 677            | 0     | 0    | 677             |
| % Avg. WkDay | 0.0%             | 68.2% | 31.8%    | 0.0% | 0.0% | 100.0%         |       |      |                 |
| % Avg. Week  | 0.0%             | 68.2% | 31.8%    | 0.0% | 0.0% | 100.0%         | 0.0%  | 0.0% |                 |
| AM Peak      | -                | -     | 11:00    | -    | -    | -              | 11:00 | -    | -               |
| Vol.         | -                | -     | 64       | -    | -    | -              | 64    | -    | -               |
| PM Peak      | -                | 13:00 | 12:00    | -    | -    | -              | 13:00 | -    | -               |
| Vol.         | -                | 79    | 70       | -    | -    | -              | 79    | -    | -               |
| Total        | 0                | 462   | 215      | 0    | 0    | 677            | 0     | 0    | 677             |
| ADT          | ADT 666          |       | AADT 666 |      |      |                |       |      |                 |

Attachment: Volume (Intersection Study)



**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: DOUTY NB  
Douty St. at Center St.  
Date Start: 07-Mar-17

| Start Time   | Mon<br>06-Mar-17 | Tue   | Wed        | Thu  | Fri  | Average<br>Day | Sat  | Sun  | Week<br>Average |
|--------------|------------------|-------|------------|------|------|----------------|------|------|-----------------|
| 12:00 AM     | *                | *     | 22         | *    | *    | 22             | *    | *    | 22              |
| 01:00        | *                | *     | 15         | *    | *    | 15             | *    | *    | 15              |
| 02:00        | *                | *     | 5          | *    | *    | 5              | *    | *    | 5               |
| 03:00        | *                | *     | 2          | *    | *    | 2              | *    | *    | 2               |
| 04:00        | *                | *     | 4          | *    | *    | 4              | *    | *    | 4               |
| 05:00        | *                | *     | 2          | *    | *    | 2              | *    | *    | 2               |
| 06:00        | *                | *     | 14         | *    | *    | 14             | *    | *    | 14              |
| 07:00        | *                | *     | 37         | *    | *    | 37             | *    | *    | 37              |
| 08:00        | *                | *     | 101        | *    | *    | 101            | *    | *    | 101             |
| 09:00        | *                | *     | 233        | *    | *    | 233            | *    | *    | 233             |
| 10:00        | *                | *     | 183        | *    | *    | 183            | *    | *    | 183             |
| 11:00        | *                | *     | 218        | *    | *    | 218            | *    | *    | 218             |
| 12:00 PM     | *                | *     | 239        | *    | *    | 239            | *    | *    | 239             |
| 01:00        | *                | 249   | *          | *    | *    | 249            | *    | *    | 249             |
| 02:00        | *                | 265   | *          | *    | *    | 265            | *    | *    | 265             |
| 03:00        | *                | 251   | *          | *    | *    | 251            | *    | *    | 251             |
| 04:00        | *                | 290   | *          | *    | *    | 290            | *    | *    | 290             |
| 05:00        | *                | 290   | *          | *    | *    | 290            | *    | *    | 290             |
| 06:00        | *                | 284   | *          | *    | *    | 284            | *    | *    | 284             |
| 07:00        | *                | 197   | *          | *    | *    | 197            | *    | *    | 197             |
| 08:00        | *                | 149   | *          | *    | *    | 149            | *    | *    | 149             |
| 09:00        | *                | 91    | *          | *    | *    | 91             | *    | *    | 91              |
| 10:00        | *                | 76    | *          | *    | *    | 76             | *    | *    | 76              |
| 11:00        | *                | 32    | *          | *    | *    | 32             | *    | *    | 32              |
| Total        | 0                | 2174  | 1075       | 0    | 0    | 3249           | 0    | 0    | 3249            |
| % Avg. WkDay | 0.0%             | 66.9% | 33.1%      | 0.0% | 0.0% | 100.0%         |      |      |                 |
| % Avg. Week  | 0.0%             | 66.9% | 33.1%      | 0.0% | 0.0% | 100.0%         | 0.0% | 0.0% |                 |
| AM Peak      | -                | -     | 09:00      | -    | -    | 09:00          | -    | -    | 09:00           |
| Vol.         | -                | -     | 233        | -    | -    | 233            | -    | -    | 233             |
| PM Peak      | -                | 16:00 | 12:00      | -    | -    | 16:00          | -    | -    | 16:00           |
| Vol.         | -                | 290   | 239        | -    | -    | 290            | -    | -    | 290             |
| Total        | 0                | 2174  | 1075       | 0    | 0    | 3249           | 0    | 0    | 3249            |
| ADT          | ADT 3,262        |       | AADT 3,262 |      |      |                |      |      |                 |

Attachment: Volume (Intersection Study)

**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: DOUTY SB  
Douty St. at Center St.  
Date Start: 07-Mar-17

| Start Time   | Mon<br>06-Mar-17 | Tue        | Wed   | Thu  | Fri  | Average<br>Day | Sat  | Sun  | Week<br>Average |
|--------------|------------------|------------|-------|------|------|----------------|------|------|-----------------|
| 12:00 AM     | *                | *          | 12    | *    | *    | 12             | *    | *    | 12              |
| 01:00        | *                | *          | 2     | *    | *    | 2              | *    | *    | 2               |
| 02:00        | *                | *          | 1     | *    | *    | 1              | *    | *    | 1               |
| 03:00        | *                | *          | 2     | *    | *    | 2              | *    | *    | 2               |
| 04:00        | *                | *          | 0     | *    | *    | 0              | *    | *    | 0               |
| 05:00        | *                | *          | 11    | *    | *    | 11             | *    | *    | 11              |
| 06:00        | *                | *          | 30    | *    | *    | 30             | *    | *    | 30              |
| 07:00        | *                | *          | 54    | *    | *    | 54             | *    | *    | 54              |
| 08:00        | *                | *          | 148   | *    | *    | 148            | *    | *    | 148             |
| 09:00        | *                | *          | 241   | *    | *    | 241            | *    | *    | 241             |
| 10:00        | *                | *          | 229   | *    | *    | 229            | *    | *    | 229             |
| 11:00        | *                | *          | 200   | *    | *    | 200            | *    | *    | 200             |
| 12:00 PM     | *                | *          | 248   | *    | *    | 248            | *    | *    | 248             |
| 01:00        | *                | 237        | *     | *    | *    | 237            | *    | *    | 237             |
| 02:00        | *                | 243        | *     | *    | *    | 243            | *    | *    | 243             |
| 03:00        | *                | 242        | *     | *    | *    | 242            | *    | *    | 242             |
| 04:00        | *                | 275        | *     | *    | *    | 275            | *    | *    | 275             |
| 05:00        | *                | 253        | *     | *    | *    | 253            | *    | *    | 253             |
| 06:00        | *                | 246        | *     | *    | *    | 246            | *    | *    | 246             |
| 07:00        | *                | 192        | *     | *    | *    | 192            | *    | *    | 192             |
| 08:00        | *                | 122        | *     | *    | *    | 122            | *    | *    | 122             |
| 09:00        | *                | 89         | *     | *    | *    | 89             | *    | *    | 89              |
| 10:00        | *                | 54         | *     | *    | *    | 54             | *    | *    | 54              |
| 11:00        | *                | 26         | *     | *    | *    | 26             | *    | *    | 26              |
| Total        | 0                | 1979       | 1178  | 0    | 0    | 3157           | 0    | 0    | 3157            |
| % Avg. WkDay | 0.0%             | 62.7%      | 37.3% | 0.0% | 0.0% | 100.0%         |      |      |                 |
| % Avg. Week  | 0.0%             | 62.7%      | 37.3% | 0.0% | 0.0% | 100.0%         | 0.0% | 0.0% |                 |
| AM Peak      | -                | -          | 09:00 | -    | -    | 09:00          | -    | -    | 09:00           |
| Vol.         | -                | -          | 241   | -    | -    | 241            | -    | -    | 241             |
| PM Peak      | -                | 16:00      | 12:00 | -    | -    | 16:00          | -    | -    | 16:00           |
| Vol.         | -                | 275        | 248   | -    | -    | 275            | -    | -    | 275             |
| Total        | 0                | 1979       | 1178  | 0    | 0    | 3157           | 0    | 0    | 3157            |
| ADT          | ADT 3,162        | AADT 3,162 |       |      |      |                |      |      |                 |

Attachment: Volume (Intersection Study)



**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: CENTER EB  
Center St. at Douty St.  
Date Start: 07-Mar-17

## Direction 1

| Start Time   | 15          | 1620        | 2125        | 2630       | 3135 | 3640 | 4145 | 4650 | 5155 | 5660 | 6165 | 6670 | 7175 | 76999 | Total        | 85th Percent | 95th Percent |
|--------------|-------------|-------------|-------------|------------|------|------|------|------|------|------|------|------|------|-------|--------------|--------------|--------------|
| 03/07/17     | *           | *           | *           | *          | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            | *            |
| 01:00        | *           | *           | *           | *          | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            | *            |
| 02:00        | *           | *           | *           | *          | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            | *            |
| 03:00        | *           | *           | *           | *          | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            | *            |
| 04:00        | *           | *           | *           | *          | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            | *            |
| 05:00        | *           | *           | *           | *          | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            | *            |
| 06:00        | *           | *           | *           | *          | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            | *            |
| 07:00        | *           | *           | *           | *          | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            | *            |
| 08:00        | *           | *           | *           | *          | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            | *            |
| 09:00        | *           | *           | *           | *          | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            | *            |
| 10:00        | *           | *           | *           | *          | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            | *            |
| 11:00        | *           | *           | *           | *          | *    | *    | *    | *    | *    | *    | *    | *    | *    | *     | *            | *            | *            |
| 12 PM        | 40          | 35          | 15          | 2          | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 92           | 21           | 24           |
| 13:00        | 42          | 31          | 11          | 0          | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 84           | 19           | 23           |
| 14:00        | 44          | 36          | 13          | 0          | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 93           | 19           | 23           |
| 15:00        | 33          | 37          | 19          | 1          | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 90           | 21           | 24           |
| 16:00        | 40          | 50          | 12          | 1          | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 103          | 19           | 23           |
| 17:00        | 35          | 44          | 16          | 1          | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 96           | 20           | 23           |
| 18:00        | 17          | 29          | 19          | 1          | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 66           | 22           | 24           |
| 19:00        | 10          | 39          | 10          | 1          | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 60           | 21           | 24           |
| 20:00        | 7           | 18          | 8           | 0          | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 33           | 21           | 23           |
| 21:00        | 4           | 7           | 4           | 1          | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 16           | 23           | 25           |
| 22:00        | 4           | 13          | 2           | 0          | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 19           | 19           | 22           |
| 23:00        | 1           | 5           | 1           | 0          | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 7            | 19           | 23           |
| Total        | 277         | 344         | 130         | 8          | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 759          |              |              |
| Percent      | 36.5%       | 45.3%       | 17.1%       | 1.1%       | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%  |              |              |              |
| AM Peak Vol. |             |             |             |            |      |      |      |      |      |      |      |      |      |       |              |              |              |
| PM Peak Vol. | 14:00<br>44 | 16:00<br>50 | 15:00<br>19 | 12:00<br>2 |      |      |      |      |      |      |      |      |      |       | 16:00<br>103 |              |              |

Attachment: Speed (Intersection Study)

**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: CENTER EB  
Center St. at Douty St.  
Date Start: 07-Mar-17

| Direction 1 |         |          |                   |          |          |          |          |          |          |          |          |          |          |           |       |                 |                 |
|-------------|---------|----------|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-------|-----------------|-----------------|
| Start Time  | 1<br>15 | 16<br>20 | 21<br>25          | 26<br>30 | 31<br>35 | 36<br>40 | 41<br>45 | 46<br>50 | 51<br>55 | 56<br>60 | 61<br>65 | 66<br>70 | 71<br>75 | 76<br>999 | Total | 85th<br>Percent | 95th<br>Percent |
| 03/08/17    | 0       | 2        | 2                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 4     | 23              | 24              |
| 01:00       | 3       | 2        | 2                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 7     | 22              | 24              |
| 02:00       | 1       | 2        | 0                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 3     | 18              | 19              |
| 03:00       | 0       | 0        | 0                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0     | *               | *               |
| 04:00       | 0       | 0        | 0                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0     | *               | *               |
| 05:00       | 2       | 1        | 2                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 5     | 23              | 24              |
| 06:00       | 2       | 3        | 2                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 7     | 22              | 24              |
| 07:00       | 3       | 4        | 4                 | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 12    | 23              | 26              |
| 08:00       | 6       | 14       | 4                 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 24    | 20              | 23              |
| 09:00       | 18      | 35       | 18                | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 72    | 22              | 24              |
| 10:00       | 23      | 33       | 11                | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 68    | 20              | 23              |
| 11:00       | 28      | 49       | 13                | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 90    | 19              | 23              |
| 12 PM       | *       | *        | *                 | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 13:00       | *       | *        | *                 | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 14:00       | *       | *        | *                 | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 15:00       | *       | *        | *                 | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 16:00       | *       | *        | *                 | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 17:00       | *       | *        | *                 | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 18:00       | *       | *        | *                 | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 19:00       | *       | *        | *                 | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 20:00       | *       | *        | *                 | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 21:00       | *       | *        | *                 | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 22:00       | *       | *        | *                 | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 23:00       | *       | *        | *                 | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| Total       | 86      | 145      | 58                | 3        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 292   |                 |                 |
| Percent     | 29.5%   | 49.7%    | 19.9%             | 1.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%      |       |                 |                 |
| AM Peak     | 11:00   | 11:00    | 09:00             | 07:00    |          |          |          |          |          |          |          |          |          |           | 11:00 |                 |                 |
| Vol.        | 28      | 49       | 18                | 1        |          |          |          |          |          |          |          |          |          |           | 90    |                 |                 |
| PM Peak     |         |          |                   |          |          |          |          |          |          |          |          |          |          |           |       |                 |                 |
| Vol.        |         |          |                   |          |          |          |          |          |          |          |          |          |          |           |       |                 |                 |
| Total       | 363     | 489      | 188               | 11       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 1051  |                 |                 |
| Percent     | 34.5%   | 46.5%    | 17.9%             | 1.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%      |       |                 |                 |
|             |         |          | 15th Percentile : |          | 6 MPH    |          |          |          |          |          |          |          |          |           |       |                 |                 |
|             |         |          | 50th Percentile : |          | 16 MPH   |          |          |          |          |          |          |          |          |           |       |                 |                 |
|             |         |          | 85th Percentile : |          | 21 MPH   |          |          |          |          |          |          |          |          |           |       |                 |                 |
|             |         |          | 95th Percentile : |          | 23 MPH   |          |          |          |          |          |          |          |          |           |       |                 |                 |

Stats

10 MPH Pace Speed : 16-25 MPH

Number in Pace : 677

Percent in Pace : 64.4%

Number of Vehicles > 25 MPH : 11

Percent of Vehicles > 25 MPH : 1.0%

Mean Speed(Average) : 16 MPH

Attachment: Speed (Intersection Study)



**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: CENTER WB  
Tenth St. at Douty St.  
Date Start: 07-Mar-17

## Direction 1

| Start Time   | 1<br>15     | 16<br>20    | 21<br>25   | 26<br>30 | 31<br>35 | 36<br>40 | 41<br>45 | 46<br>50 | 51<br>55 | 56<br>60 | 61<br>65 | 66<br>70 | 71<br>75 | 76<br>999 | Total       | 85th<br>Percent | 95th<br>Percent |
|--------------|-------------|-------------|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-------------|-----------------|-----------------|
| 03/07/17     | *           | *           | *          | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *           | *               | *               |
| 01:00        | *           | *           | *          | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *           | *               | *               |
| 02:00        | *           | *           | *          | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *           | *               | *               |
| 03:00        | *           | *           | *          | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *           | *               | *               |
| 04:00        | *           | *           | *          | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *           | *               | *               |
| 05:00        | *           | *           | *          | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *           | *               | *               |
| 06:00        | *           | *           | *          | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *           | *               | *               |
| 07:00        | *           | *           | *          | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *           | *               | *               |
| 08:00        | *           | *           | *          | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *           | *               | *               |
| 09:00        | *           | *           | *          | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *           | *               | *               |
| 10:00        | *           | *           | *          | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *           | *               | *               |
| 11:00        | *           | *           | *          | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *           | *               | *               |
| 12 PM        | *           | *           | *          | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *           | *               | *               |
| 13:00        | <b>68</b>   | <b>11</b>   | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | <b>79</b>   | 14              | 18              |
| 14:00        | 53          | 7           | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 60          | 14              | 17              |
| 15:00        | 49          | 9           | <b>1</b>   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 59          | 15              | 18              |
| 16:00        | 54          | 11          | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 65          | 15              | 18              |
| 17:00        | 54          | 8           | 1          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 63          | 14              | 18              |
| 18:00        | 41          | 8           | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 49          | 15              | 18              |
| 19:00        | 34          | 2           | 1          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 37          | 13              | 17              |
| 20:00        | 17          | 5           | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 22          | 16              | 18              |
| 21:00        | 15          | 1           | 1          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 17          | 14              | 20              |
| 22:00        | 6           | 3           | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 9           | 17              | 19              |
| 23:00        | 2           | 0           | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 2           | 12              | 14              |
| Total        | 393         | 65          | 4          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 462         |                 |                 |
| Percent      | 85.1%       | 14.1%       | 0.9%       | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%      |             |                 |                 |
| AM Peak Vol. |             |             |            |          |          |          |          |          |          |          |          |          |          |           |             |                 |                 |
| PM Peak Vol. | 13:00<br>68 | 13:00<br>11 | 15:00<br>1 |          |          |          |          |          |          |          |          |          |          |           | 13:00<br>79 |                 |                 |

Attachment: Speed (Intersection Study)

# City of Hanford

900 S. 10th Avenue  
Hanford, CA 93230

Site Code: CENTER WB  
Tenth St. at Douty St.  
Date Start: 07-Mar-17

| Direction 1 |         |          |          |          |          |          |          |          |          |          |          |          |          |           |       |                 |                 |
|-------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-------|-----------------|-----------------|
| Start Time  | 1<br>15 | 16<br>20 | 21<br>25 | 26<br>30 | 31<br>35 | 36<br>40 | 41<br>45 | 46<br>50 | 51<br>55 | 56<br>60 | 61<br>65 | 66<br>70 | 71<br>75 | 76<br>999 | Total | 85th<br>Percent | 95th<br>Percent |
| 03/08/17    | 0       | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 1     | 19              | 19              |
| 01:00       | 0       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0     | *               | *               |
| 02:00       | 0       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0     | *               | *               |
| 03:00       | 0       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0     | *               | *               |
| 04:00       | 0       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0     | *               | *               |
| 05:00       | 0       | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 1     | 19              | 19              |
| 06:00       | 1       | 2        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 4     | 22              | 24              |
| 07:00       | 6       | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 8     | 17              | 19              |
| 08:00       | 7       | 7        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 14    | 18              | 19              |
| 09:00       | 10      | 6        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 16    | 17              | 19              |
| 10:00       | 27      | 9        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 37    | 17              | 19              |
| 11:00       | 56      | 8        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 64    | 14              | 17              |
| 12 PM       | 61      | 9        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 70    | 14              | 18              |
| 13:00       | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 14:00       | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 15:00       | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 16:00       | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 17:00       | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 18:00       | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 19:00       | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 20:00       | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 21:00       | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 22:00       | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 23:00       | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| Total       | 168     | 45       | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 215   |                 |                 |
| Percent     | 78.1%   | 20.9%    | 0.9%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%      |       |                 |                 |
| AM Peak     | 11:00   | 10:00    | 06:00    |          |          |          |          |          |          |          |          |          |          |           | 11:00 |                 |                 |
| Vol.        | 56      | 9        | 1        |          |          |          |          |          |          |          |          |          |          |           | 64    |                 |                 |
| PM Peak     | 12:00   | 12:00    |          |          |          |          |          |          |          |          |          |          |          |           | 12:00 |                 |                 |
| Vol.        | 61      | 9        |          |          |          |          |          |          |          |          |          |          |          |           | 70    |                 |                 |
| Total       | 561     | 110      | 6        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 677   |                 |                 |
| Percent     | 82.9%   | 16.2%    | 0.9%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%      |       |                 |                 |

15th Percentile : 2 MPH  
50th Percentile : 9 MPH  
85th Percentile : 15 MPH  
95th Percentile : 18 MPH

Stats  
10 MPH Pace Speed : 1-10 MPH  
Number in Pace : 374  
Percent in Pace : 55.2%  
Number of Vehicles > 25 MPH : 0  
Percent of Vehicles > 25 MPH : 0.0%  
Mean Speed(Average) : 10 MPH

Attachment: Speed (Intersection Study)



**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: DOUTY NB  
Douty St. at Center St.  
Date Start: 07-Mar-17

## Direction 1

| Start Time   | 1<br>15      | 16<br>20    | 21<br>25     | 26<br>30    | 31<br>35    | 36<br>40   | 41<br>45   | 46<br>50 | 51<br>55 | 56<br>60 | 61<br>65 | 66<br>70 | 71<br>75 | 76<br>999 | Total        | 85th<br>Percent | 95th<br>Percent |
|--------------|--------------|-------------|--------------|-------------|-------------|------------|------------|----------|----------|----------|----------|----------|----------|-----------|--------------|-----------------|-----------------|
| 03/07/17     | *            | *           | *            | *           | *           | *          | *          | *        | *        | *        | *        | *        | *        | *         | *            | *               | *               |
| 01:00        | *            | *           | *            | *           | *           | *          | *          | *        | *        | *        | *        | *        | *        | *         | *            | *               | *               |
| 02:00        | *            | *           | *            | *           | *           | *          | *          | *        | *        | *        | *        | *        | *        | *         | *            | *               | *               |
| 03:00        | *            | *           | *            | *           | *           | *          | *          | *        | *        | *        | *        | *        | *        | *         | *            | *               | *               |
| 04:00        | *            | *           | *            | *           | *           | *          | *          | *        | *        | *        | *        | *        | *        | *         | *            | *               | *               |
| 05:00        | *            | *           | *            | *           | *           | *          | *          | *        | *        | *        | *        | *        | *        | *         | *            | *               | *               |
| 06:00        | *            | *           | *            | *           | *           | *          | *          | *        | *        | *        | *        | *        | *        | *         | *            | *               | *               |
| 07:00        | *            | *           | *            | *           | *           | *          | *          | *        | *        | *        | *        | *        | *        | *         | *            | *               | *               |
| 08:00        | *            | *           | *            | *           | *           | *          | *          | *        | *        | *        | *        | *        | *        | *         | *            | *               | *               |
| 09:00        | *            | *           | *            | *           | *           | *          | *          | *        | *        | *        | *        | *        | *        | *         | *            | *               | *               |
| 10:00        | *            | *           | *            | *           | *           | *          | *          | *        | *        | *        | *        | *        | *        | *         | *            | *               | *               |
| 11:00        | *            | *           | *            | *           | *           | *          | *          | *        | *        | *        | *        | *        | *        | *         | *            | *               | *               |
| 12 PM        | *            | *           | *            | *           | *           | *          | *          | *        | *        | *        | *        | *        | *        | *         | *            | *               | *               |
| 13:00        | 72           | <b>73</b>   | 72           | 28          | 4           | 0          | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 249          | 24              | 28              |
| 14:00        | 40           | 59          | 102          | 52          | 10          | 1          | <b>1</b>   | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 265          | 27              | 29              |
| 15:00        | 32           | 73          | 90           | 49          | 7           | 0          | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 251          | 26              | 29              |
| 16:00        | 33           | 59          | <b>105</b>   | 76          | 16          | 1          | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0         | <b>290</b>   | 28              | 30              |
| 17:00        | 36           | 42          | 102          | <b>83</b>   | <b>26</b>   | 1          | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 290          | 29              | 32              |
| 18:00        | 47           | 37          | 99           | 77          | 21          | <b>3</b>   | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 284          | 28              | 32              |
| 19:00        | 23           | 51          | 63           | 51          | 9           | 0          | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 197          | 27              | 29              |
| 20:00        | <b>126</b>   | 6           | 12           | 4           | 1           | 0          | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 149          | 15              | 23              |
| 21:00        | 91           | 0           | 0            | 0           | 0           | 0          | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 91           | 12              | 14              |
| 22:00        | 76           | 0           | 0            | 0           | 0           | 0          | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 76           | 12              | 14              |
| 23:00        | 32           | 0           | 0            | 0           | 0           | 0          | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 32           | 12              | 14              |
| Total        | 608          | 400         | 645          | 420         | 94          | 6          | 1          | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 2174         |                 |                 |
| Percent      | 28.0%        | 18.4%       | 29.7%        | 19.3%       | 4.3%        | 0.3%       | 0.0%       | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%      |              |                 |                 |
| AM Peak Vol. |              |             |              |             |             |            |            |          |          |          |          |          |          |           |              |                 |                 |
| PM Peak Vol. | 20:00<br>126 | 13:00<br>73 | 16:00<br>105 | 17:00<br>83 | 17:00<br>26 | 18:00<br>3 | 14:00<br>1 |          |          |          |          |          |          |           | 16:00<br>290 |                 |                 |

Attachment: Speed (Intersection Study)

# City of Hanford

900 S. 10th Avenue  
Hanford, CA 93230

Site Code: DOUTY NB  
Douty St. at Center St.  
Date Start: 07-Mar-17

| Direction 1 |         |          |          |          |          |          |          |          |          |          |          |          |          |           |       |                 |                 |
|-------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-------|-----------------|-----------------|
| Start Time  | 1<br>15 | 16<br>20 | 21<br>25 | 26<br>30 | 31<br>35 | 36<br>40 | 41<br>45 | 46<br>50 | 51<br>55 | 56<br>60 | 61<br>65 | 66<br>70 | 71<br>75 | 76<br>999 | Total | 85th<br>Percent | 95th<br>Percent |
| 03/08/17    | 22      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 22    | 12              | 14              |
| 01:00       | 15      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 15    | 12              | 14              |
| 02:00       | 5       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 5     | 12              | 14              |
| 03:00       | 1       | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 2     | 23              | 24              |
| 04:00       | 4       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 4     | 12              | 14              |
| 05:00       | 2       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 2     | 12              | 14              |
| 06:00       | 14      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 14    | 12              | 14              |
| 07:00       | 37      | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 37    | 12              | 14              |
| 08:00       | 100     | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 101   | 12              | 14              |
| 09:00       | 231     | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 233   | 12              | 14              |
| 10:00       | 183     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 183   | 12              | 14              |
| 11:00       | 218     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 218   | 12              | 14              |
| 12 PM       | 239     | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 239   | 12              | 14              |
| 13:00       | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 14:00       | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 15:00       | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 16:00       | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 17:00       | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 18:00       | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 19:00       | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 20:00       | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 21:00       | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 22:00       | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 23:00       | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| Total       | 1071    | 3        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 1075  |                 |                 |
| Percent     | 99.6%   | 0.3%     | 0.1%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%      |       |                 |                 |
| AM Peak     | 09:00   | 09:00    | 03:00    |          |          |          |          |          |          |          |          |          |          |           | 09:00 |                 |                 |
| Vol.        | 231     | 2        | 1        |          |          |          |          |          |          |          |          |          |          |           | 233   |                 |                 |
| PM Peak     | 12:00   |          |          |          |          |          |          |          |          |          |          |          |          |           | 12:00 |                 |                 |
| Vol.        | 239     |          |          |          |          |          |          |          |          |          |          |          |          |           | 239   |                 |                 |
| Total       | 1679    | 403      | 646      | 420      | 94       | 6        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 3249  |                 |                 |
| Percent     | 51.7%   | 12.4%    | 19.9%    | 12.9%    | 2.9%     | 0.2%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%      |       |                 |                 |

15th Percentile : 4 MPH  
50th Percentile : 14 MPH  
85th Percentile : 25 MPH  
95th Percentile : 29 MPH

Stats  
10 MPH Pace Speed : 6-15 MPH  
Number in Pace : 1119  
Percent in Pace : 34.4%  
Number of Vehicles > 25 MPH : 521  
Percent of Vehicles > 25 MPH : 16.0%  
Mean Speed(Average) : 16 MPH

Attachment: Speed (Intersection Study)



**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: DOUTY SB  
Douty St. at Center St.  
Date Start: 07-Mar-17

## Direction 1

| Start Time   | 1<br>15     | 16<br>20    | 21<br>25    | 26<br>30     | 31<br>35    | 36<br>40   | 41<br>45   | 46<br>50 | 51<br>55 | 56<br>60 | 61<br>65 | 66<br>70 | 71<br>75 | 76<br>999 | Total        | 85th<br>Percent | 95th<br>Percent |
|--------------|-------------|-------------|-------------|--------------|-------------|------------|------------|----------|----------|----------|----------|----------|----------|-----------|--------------|-----------------|-----------------|
| 03/07/17     | *           | *           | *           | *            | *           | *          | *          | *        | *        | *        | *        | *        | *        | *         | *            | *               | *               |
| 01:00        | *           | *           | *           | *            | *           | *          | *          | *        | *        | *        | *        | *        | *        | *         | *            | *               | *               |
| 02:00        | *           | *           | *           | *            | *           | *          | *          | *        | *        | *        | *        | *        | *        | *         | *            | *               | *               |
| 03:00        | *           | *           | *           | *            | *           | *          | *          | *        | *        | *        | *        | *        | *        | *         | *            | *               | *               |
| 04:00        | *           | *           | *           | *            | *           | *          | *          | *        | *        | *        | *        | *        | *        | *         | *            | *               | *               |
| 05:00        | *           | *           | *           | *            | *           | *          | *          | *        | *        | *        | *        | *        | *        | *         | *            | *               | *               |
| 06:00        | *           | *           | *           | *            | *           | *          | *          | *        | *        | *        | *        | *        | *        | *         | *            | *               | *               |
| 07:00        | *           | *           | *           | *            | *           | *          | *          | *        | *        | *        | *        | *        | *        | *         | *            | *               | *               |
| 08:00        | *           | *           | *           | *            | *           | *          | *          | *        | *        | *        | *        | *        | *        | *         | *            | *               | *               |
| 09:00        | *           | *           | *           | *            | *           | *          | *          | *        | *        | *        | *        | *        | *        | *         | *            | *               | *               |
| 10:00        | *           | *           | *           | *            | *           | *          | *          | *        | *        | *        | *        | *        | *        | *         | *            | *               | *               |
| 11:00        | *           | *           | *           | *            | *           | *          | *          | *        | *        | *        | *        | *        | *        | *         | *            | *               | *               |
| 12 PM        | *           | *           | *           | *            | *           | *          | *          | *        | *        | *        | *        | *        | *        | *         | *            | *               | *               |
| 13:00        | 14          | 29          | 81          | 89           | 22          | 2          | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 237          | 29              | 32              |
| 14:00        | 25          | 27          | 76          | 82           | 29          | 4          | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 243          | 29              | 33              |
| 15:00        | 6           | 32          | 94          | 86           | 23          | 1          | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 242          | 29              | 32              |
| 16:00        | 8           | 8           | 99          | 123          | 35          | 2          | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 275          | 29              | 33              |
| 17:00        | 3           | 23          | 96          | 105          | 22          | 4          | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 253          | 29              | 33              |
| 18:00        | 7           | 19          | 72          | 110          | 31          | 7          | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 246          | 30              | 34              |
| 19:00        | 7           | 12          | 68          | 84           | 19          | 2          | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 192          | 29              | 32              |
| 20:00        | 0           | 6           | 41          | 61           | 12          | 2          | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 122          | 29              | 33              |
| 21:00        | 4           | 10          | 25          | 38           | 11          | 1          | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 89           | 29              | 33              |
| 22:00        | 0           | 3           | 8           | 25           | 14          | 3          | 1          | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 54           | 33              | 37              |
| 23:00        | 1           | 3           | 4           | 12           | 4           | 2          | 0          | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 26           | 32              | 36              |
| Total        | 75          | 172         | 664         | 815          | 222         | 30         | 1          | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 1979         |                 |                 |
| Percent      | 3.8%        | 8.7%        | 33.6%       | 41.2%        | 11.2%       | 1.5%       | 0.1%       | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%      |              |                 |                 |
| AM Peak Vol. |             |             |             |              |             |            |            |          |          |          |          |          |          |           |              |                 |                 |
| PM Peak Vol. | 14:00<br>25 | 15:00<br>32 | 16:00<br>99 | 16:00<br>123 | 16:00<br>35 | 18:00<br>7 | 22:00<br>1 |          |          |          |          |          |          |           | 16:00<br>275 |                 |                 |

Attachment: Speed (Intersection Study)

**City of Hanford**900 S. 10th Avenue  
Hanford, CA 93230Site Code: DOUTY SB  
Douty St. at Center St.  
Date Start: 07-Mar-17

## Direction 1

| Start Time | 1<br>15 | 16<br>20 | 21<br>25 | 26<br>30 | 31<br>35 | 36<br>40 | 41<br>45 | 46<br>50 | 51<br>55 | 56<br>60 | 61<br>65 | 66<br>70 | 71<br>75 | 76<br>999 | Total | 85th<br>Percent | 95th<br>Percent |
|------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-------|-----------------|-----------------|
| 03/08/17   | 0       | 0        | 3        | 2        | 6        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 12    | 34              | 41              |
| 01:00      | 0       | 0        | 0        | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 2     | 29              | 29              |
| 02:00      | 0       | 0        | 0        | 0        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 1     | 34              | 34              |
| 03:00      | 2       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 2     | 12              | 14              |
| 04:00      | 0       | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0     | *               | *               |
| 05:00      | 3       | 3        | 1        | 1        | 1        | 2        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 11    | 35              | 38              |
| 06:00      | 4       | 1        | 5        | 8        | 8        | 3        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 30    | 34              | 39              |
| 07:00      | 0       | 3        | 5        | 19       | 20       | 6        | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 54    | 34              | 38              |
| 08:00      | 2       | 4        | 24       | 63       | 43       | 11       | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 148   | 33              | 37              |
| 09:00      | 22      | 12       | 51       | 105      | 42       | 9        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 241   | 31              | 34              |
| 10:00      | 9       | 32       | 75       | 89       | 23       | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 229   | 29              | 32              |
| 11:00      | 8       | 22       | 74       | 76       | 19       | 1        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 200   | 29              | 32              |
| 12 PM      | 15      | 45       | 106      | 65       | 14       | 3        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 248   | 28              | 31              |
| 13:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 14:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 15:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 16:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 17:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 18:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 19:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 20:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 21:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 22:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| 23:00      | *       | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *        | *         | *     | *               | *               |
| Total      | 65      | 122      | 344      | 430      | 177      | 36       | 4        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 1178  |                 |                 |
| Percent    | 5.5%    | 10.4%    | 29.2%    | 36.5%    | 15.0%    | 3.1%     | 0.3%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%      |       |                 |                 |
| AM Peak    | 09:00   | 10:00    | 10:00    | 09:00    | 08:00    | 08:00    | 00:00    |          |          |          |          |          |          |           |       | 09:00           |                 |
| Vol.       | 22      | 32       | 75       | 105      | 43       | 11       | 1        |          |          |          |          |          |          |           |       | 241             |                 |
| PM Peak    | 12:00   | 12:00    | 12:00    | 12:00    | 12:00    | 12:00    |          |          |          |          |          |          |          |           |       | 12:00           |                 |
| Vol.       | 15      | 45       | 106      | 65       | 14       | 3        |          |          |          |          |          |          |          |           |       | 248             |                 |
| Total      | 140     | 294      | 1008     | 1245     | 399      | 66       |          |          |          |          |          |          |          |           |       | 3157            |                 |
| Percent    | 4.4%    | 9.3%     | 31.9%    | 39.4%    | 12.6%    | 2.1%     | 0.2%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%     | 0.0%      |       |                 |                 |

15th Percentile : 20 MPH  
 50th Percentile : 25 MPH  
 85th Percentile : 29 MPH  
 95th Percentile : 33 MPH

Stats                      10 MPH Pace Speed : 21-30 MPH  
                               Number in Pace : 2253  
                               Percent in Pace : 71.4%  
 Number of Vehicles > 25 MPH : 1715  
 Percent of Vehicles > 25 MPH : 54.3%  
 Mean Speed(Average) : 25 MPH

Attachment: Speed (Intersection Study)



LOCATION: Douty Street at Center Street/Tenth Street

### WARRANTS FOR ALL-WAY STOP SIGNS

Multi-Way Stops may be considered at an intersection if any of the following conditions exist:

#### SATISFIED

1. TRAFFIC SIGNALS

Yes ☐ No ☒

Where traffic signals are warranted and the need is urgent, the four-way stop is an interim measure that can be installed quickly to control traffic while arrangements are being for the signal installation.

2. ACCIDENTS

Yes ☐ No ☒

An accident problem, as indicated by five (5) or more reported accidents of a type susceptible to correction by a four-way stop sign installation in a 12-month period. Types of accidents susceptible to correction include right angle and left turn collisions.

3. UNUSUAL CONDITIONS

Yes ☒ No ☐

Where an unusual condition exists at an intersection and an engineering study indicates the problem would be susceptible to correction by use of a four-way stop. Unusual conditions may include the following:

a. Adjacent to a school or park.

⑥ Geometric conditions.

Intersecting minor is offset.

c. Severity of accidents.

4. VOLUMES (Choose Option 1 or Option 2)

Yes ☐ No ☒

1. The 85% Approach Speed Exceeds 35 MPH.  
(Both volumes criteria must be met)

- (a) The total vehicular volume entering the intersections from all approaches must average at least 210 vehicles per hour for any eight (8) hours of an average day, and

Yes ☐ No ☐

- (b) The combined vehicular and pedestrian volume from the minor street or highway must average at least 140 units per hour for the same eight (8) hours with an average delay to minor street vehicular traffic of at least 30 seconds per vehicle during the maximum hour.

Yes ☐ No ☐

2. The 85% Approach Speed is Less Than 35 MPH.  
(Both volumes criteria must be met)

(a) The total vehicular volume entering the intersections from all approaches must average at least 300 vehicles per hour for any eight (8) hours of an average day, and Yes ☒ No ☐

(b) The combined vehicular and pedestrian volume from the minor street or highway must average at least 200 units per hour for the same eight (8) hours with an average delay to minor street vehicular traffic of at least 30 seconds per vehicle during the maximum hour. Yes ☐ No ☒





**AGENDA  
STAFF REPORT**

|                                |                          |
|--------------------------------|--------------------------|
| <b>MEETING DATE:</b> 9/28/2017 | <b>AGENDA SECTION:</b> 7 |
|--------------------------------|--------------------------|

**SUBJECT:**

Additional Parking - Tenth Street and Harris Street

---

**FISCAL IMPACT:**

**ATTACHMENTS:**

Harris-10th parking

DOUTY STREET

TENTH STREET

HARRIS STREET

SCALE: 1"=40'



Attachment: Harris-10th parking (Additional Parking)





**AGENDA  
STAFF REPORT**

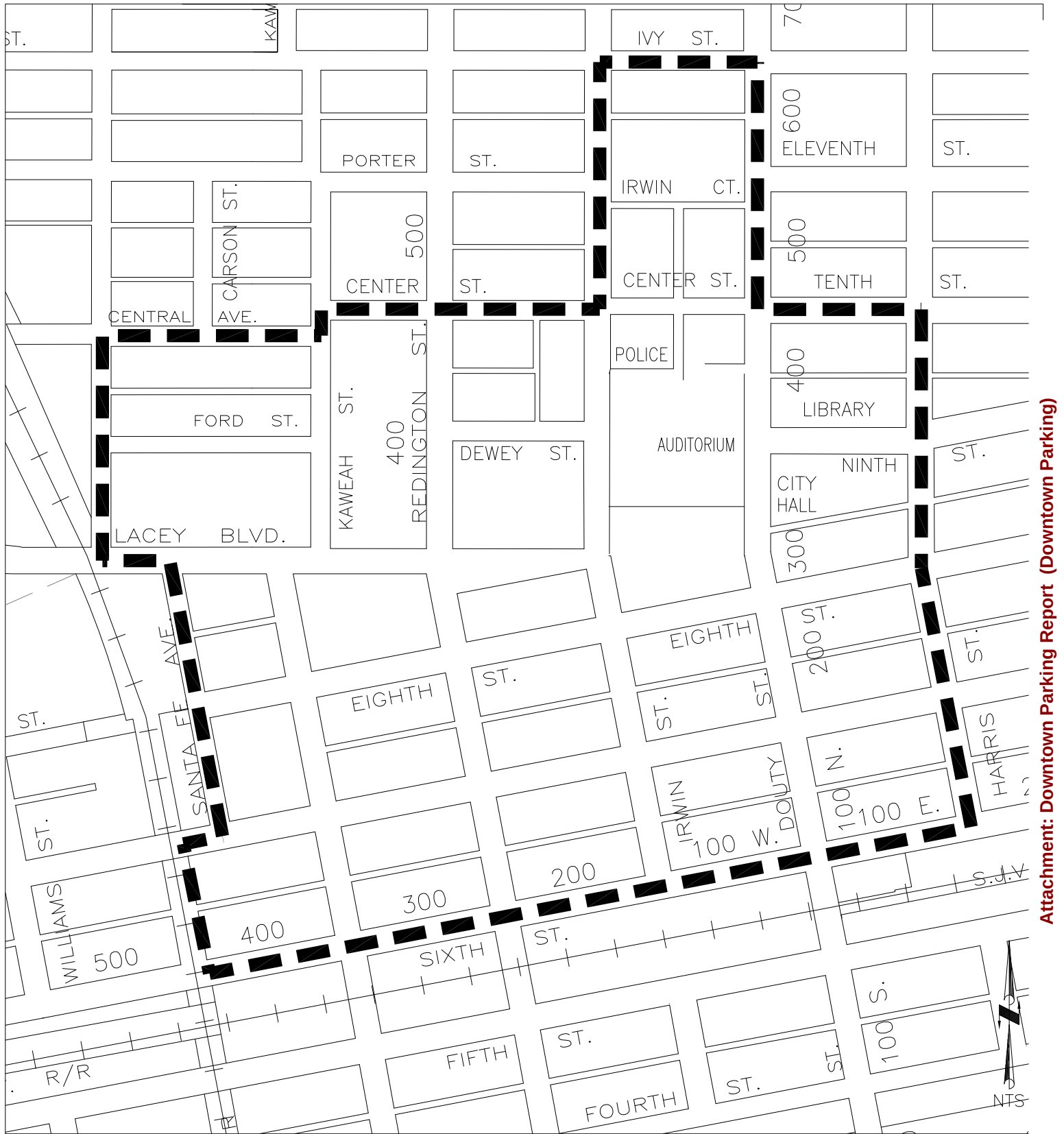
|                                |                          |
|--------------------------------|--------------------------|
| <b>MEETING DATE:</b> 9/28/2017 | <b>AGENDA SECTION:</b> 8 |
|--------------------------------|--------------------------|

**SUBJECT:**  
Downtown Parking Study

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**FISCAL IMPACT:**

**ATTACHMENTS:**  
Downtown Parking Report



Attachment: Downtown Parking Report (Downtown Parking)

# CITY OF HANFORD

## ON-STREET PARKING

# LOCATION MAP



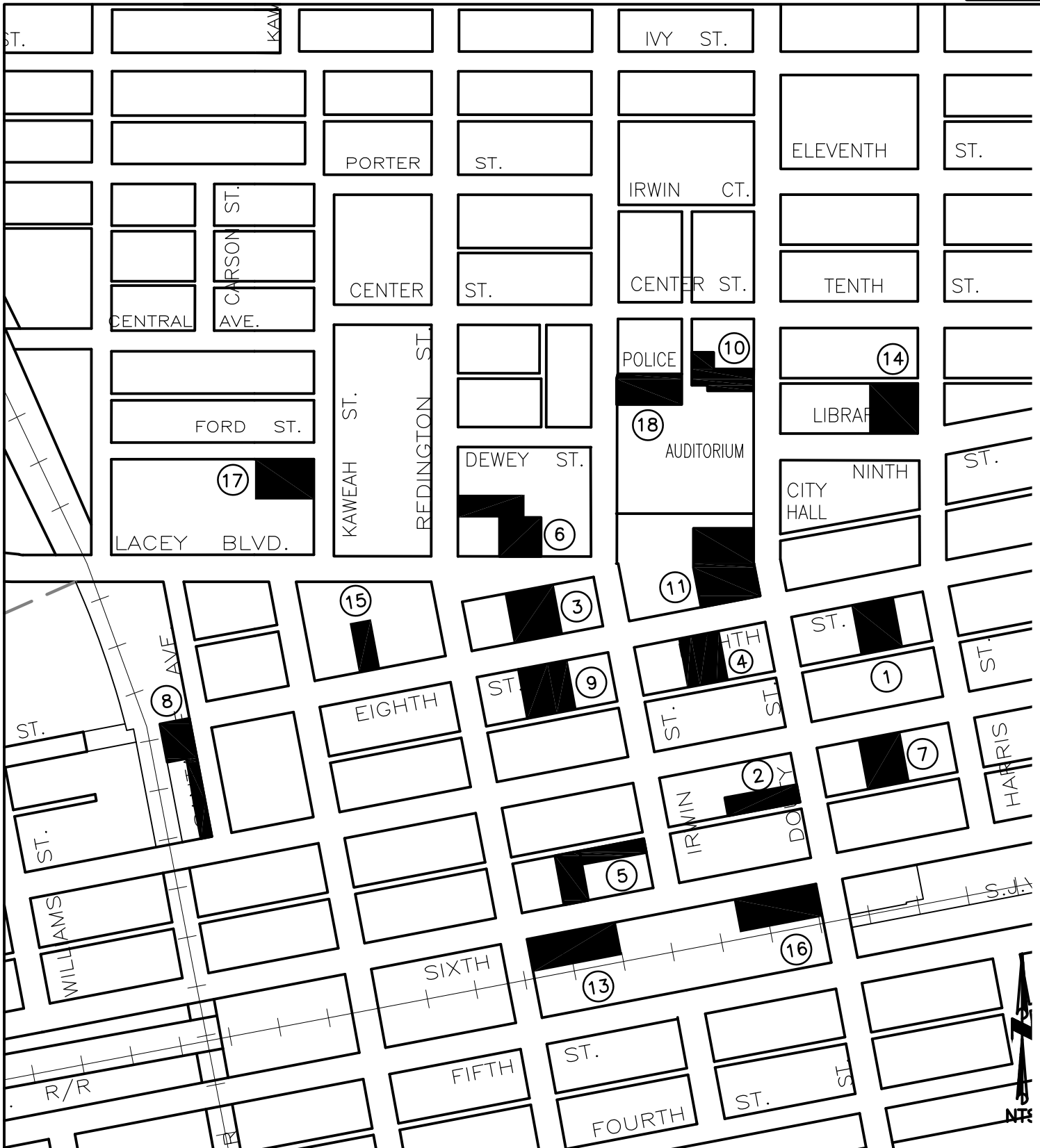
## ON STREET PARKING INVENTORY

|                       | ADA | 2 HR. | UNLIMITED | 20 MIN. | LOADING | totals |
|-----------------------|-----|-------|-----------|---------|---------|--------|
| <b>Sixth St.</b>      |     |       |           |         |         |        |
| R/R to Phillips       |     |       |           |         |         |        |
| Phillips to Redington |     |       | 18        |         | 1       | 19     |
| Redington to Irwin    |     |       | 23        | 2       | 1       | 26     |
| Irwin to Douty        |     | 27    | 1         |         | 1       | 29     |
| Douty to Harris       |     | 11    | 6         |         | 2       | 19     |
| Harris to 10th Ave.   |     |       |           |         |         |        |
| <b>Seventh St.</b>    |     |       |           |         |         |        |
| R/R to Santa Fe       |     |       |           | 1       |         | 1      |
| Santa Fe to Phillips  |     |       | 6         | 1       |         | 7      |
| Phillips to Redington |     | 23    |           | 2       |         | 25     |
| Redington to Irwin    |     | 26    |           |         |         | 26     |
| Irwin to Douty        |     | 36    |           |         |         | 36     |
| Douty to Harris       |     | 21    | 8         |         | 2       | 31     |
| Harris to Brown       |     |       | 19        |         |         | 19     |
| Brown to Green        |     |       | 26        |         |         | 26     |
| Green to White        |     |       | 40        |         | 1       | 41     |
| White to 10th Ave.    |     |       |           |         |         |        |
| <b>Lacey Blvd.</b>    |     |       |           |         |         |        |
| R/R to Redington      |     |       |           |         |         |        |
| Redington to Irwin    |     | 12    | 7         | 4       |         | 23     |
| <b>Eighth St.</b>     |     |       |           |         |         |        |
| Phillips to Redington |     | 6     | 13        | 3       |         | 22     |
| Redington to Irwin    |     | 25    |           | 4       |         | 29     |
| Irwin to Douty        |     | 17    |           |         |         | 17     |
| Douty to Harris       |     | 38    | 7         |         |         | 45     |
| Harris to Brown       |     |       | 48        |         |         | 48     |
| <b>Ninth St.</b>      |     |       |           |         |         |        |
| Douty to Harris       | 1   | 3     | 37        |         | 1       | 42     |
| Harris to Brown       |     |       |           |         |         | 0      |
| Brown to 10th Ave.    |     |       |           |         |         | 0      |
| <b>Dewey St.</b>      |     |       |           |         |         |        |
| Irwin to Redington    |     |       | 26        |         |         | 26     |
| <b>Tenth St</b>       |     |       |           |         |         |        |
| Douty to 10th Ave.    |     |       |           |         |         |        |
| <b>Center St.</b>     |     |       |           |         |         |        |
| Redington to Irwin    |     |       | 25        | 1       |         | 26     |
| Irwin to Douty        |     |       | 28        |         |         | 28     |

## ON STREET PARKING INVENTORY

|                      | ADA | 2 HR. | UNLIMITED | 20 MIN. | LOADING | TOTAL |
|----------------------|-----|-------|-----------|---------|---------|-------|
| <b>Sante Fe Ave.</b> |     |       |           |         |         |       |
| Seventh to Eighth    |     |       | 22        |         |         | 22    |
| Eighth to Lacey      |     | signs |           |         |         |       |
|                      |     |       |           |         |         |       |
| <b>Phillips St.</b>  |     |       |           |         |         |       |
| Sixth to Lacey       |     | 1     |           |         |         | 1     |
|                      |     |       |           |         |         |       |
| <b>Redington St.</b> |     |       |           |         |         |       |
| Sixth to Seventh     |     |       | 11        | 3       |         | 14    |
| Seventh to Eighth    |     |       | 16        | 1       |         | 17    |
| Eighth to Lacey      |     |       | 6         |         |         | 6     |
| Lacey to Ivy         |     |       |           |         |         |       |
|                      |     |       |           |         |         |       |
| <b>Irwin St.</b>     |     |       |           |         |         |       |
| Sixth to Seventh     |     | 24    |           | 1       |         | 25    |
| Seventh to Eighth    |     | 22    |           |         |         | 22    |
| Eighth to Lacey      |     | 7     |           | 5       |         | 12    |
| Lacey to Dewey       | 1   | 22    |           | 1       | 1       | 25    |
| Dewey to Center      | 1   | 5     | 6         | 3       | 1       | 16    |
| Center to Porter     |     |       | 6         | 9       |         | 15    |
| Porter to Ivy        |     |       | 21        | 1       |         | 22    |
|                      |     |       |           |         |         |       |
| <b>Douty St.</b>     |     |       |           |         |         |       |
| Sixth to Seventh     |     | 17    |           | 1       |         | 18    |
| Seventh to Eighth    |     | 20    |           | 1       |         | 21    |
| Eight to Ninth       |     | 20    |           | 4       |         | 24    |
| Ninth to Tenth       |     | 4     | 20        |         |         | 24    |
| Tenth to Ivy         |     |       |           | 1       |         | 1     |
|                      |     |       |           |         |         |       |
| <b>Harris St.</b>    |     |       |           |         |         |       |
| Sixth to Seventh     |     | 2     |           |         |         | 2     |
| Seventh to Eighth    |     |       | 17        | 1       |         | 18    |
| Eight to Ninth       |     |       | 28        |         |         | 28    |
| Ninth to Tenth       |     |       | 29        |         |         | 29    |
|                      |     |       |           |         |         |       |
| <b>Brown St.</b>     |     |       |           |         |         |       |
|                      |     |       |           |         |         |       |
| <b>Green St.</b>     |     |       |           |         |         |       |
| Sixth to Seventh     |     |       | 9         | 1       |         | 10    |
| Seventh to Ivy       |     |       |           |         |         |       |
|                      |     |       |           |         |         |       |
| totals               | 3   | 389   | 529       | 51      | 11      | 983   |





Attachment: Downtown Parking Report (Downtown Parking)

07/13

# CITY OF HANFORD

## MUNICIPAL PARKING LOTS

# LOCATION MAP

## EXISTING PARKING LOT INVENTORY

| MAP #         | PARKING LOT          | ADDRESS                  | ADA       | 2 HR.     | UNLIMITED  | 20 MIN.  | LOAD     | OTHER    | totals     | AVERAGE USAGE |
|---------------|----------------------|--------------------------|-----------|-----------|------------|----------|----------|----------|------------|---------------|
|               |                      |                          |           |           |            |          |          |          |            | 10am -2pm     |
| 1             | CARNEGIE MUSEUM (11) | 100 BLK E EIGHTH         | 3         |           | 58         |          |          |          | 61         | 44%           |
| 2             | DOUTY STREET (8)     | 100 BLK N DOUTY          | 1         | 16        |            |          |          |          | 17         | 88%           |
| 3             | EIGHTH/LACEY (12)    | 200 BLK W EIGHTH / LACEY | 2         |           | 38         |          |          |          | 40         | 57%           |
| 4             | HANFORD PLAZA (4)    | 100 BLK W EIGHTH         | 2         |           | 61         |          |          |          | 63         | 69%           |
| 5             | IRWIN/SIXTH (2)      | 200 BLK W SIXTH          | 3         |           | 52         |          |          |          | 55         | 77%           |
| 6             | LACEY/REDINGTON      | COR. LACEY/REDINGTON     | 4         | 29        | 36         |          |          |          | 69         | 71%           |
| 7             | METRO/HAN FURN (10)  | 100 BLK E SEVENTH        | 3         |           | 58         |          |          |          | 61         | 68%           |
| 8             | SANTA FE             | 200 BLK N SANTA FE       | 2         | 6         | 39         |          | 2        |          | 49         | 77%           |
| 9             | WKMAN/VAN ANDEL (1)  | 200 BLK W EIGHTH         | 3         | 26        | 26         |          |          |          | 55         | 84%           |
| 10            | AUDITORIUM           | 400 BLK N DOUTY          | 2         |           | 30         |          |          |          | 32         | 71%           |
| 11            | COURTHOUSE SQ        | COR DOUTY / EIGHTH       | 2         |           | 47         |          |          |          | 49         | 55%           |
| 13            | HOTEL                | 200 BLK W SIXTH          | 3         |           | 66         |          |          |          | 69         | 25%           |
| 14            | LIBRARY              | 400 BLK N HARRIS         | 3         |           | 59         |          |          |          | 62         | 38%           |
| 15            | McDONALD'S           | 300 BLK W EIGHTH         | 2         |           | 28         |          |          |          | 30         | 89%           |
| 16            | SIXTH STREET         | 100 BLK W SIXTH          | 3         |           | 65         |          |          |          | 68         | 42%           |
| 17            | SWIMMING POOL        | COR KAWEAH / FORD        | 3         |           | 47         |          |          |          | 50         | 6%            |
| 18            | VETERAN'S/POLICE     | 400 BLK N IRWIN          | 2         |           | 14         |          |          | 2        | 18         | 71%           |
|               |                      |                          |           |           |            |          |          |          |            |               |
| <b>TOTALS</b> |                      |                          | <b>43</b> | <b>77</b> | <b>724</b> | <b>0</b> | <b>2</b> | <b>2</b> | <b>848</b> | <b>61%</b>    |

% total usage



## EXISTING PARKING INVENTORY

| MAP #<br>1 | CARNEGIE MUSEUM (11) | 100 BLK E. EIGHTH | ADA | %<br>USAGE | 2 HR. | NO<br>LIMIT | %<br>USAGE | 20 MIN. | LOAD | OTHER |
|------------|----------------------|-------------------|-----|------------|-------|-------------|------------|---------|------|-------|
|            |                      |                   |     |            |       |             |            |         |      |       |
|            | DATE                 | TIME              | 3   |            |       | 58          |            |         |      |       |
|            | 3/7/2017             | 3:15 PM           | 1   | 33%        |       | 29          | 50%        |         |      |       |
|            | 3/9/2017             | 8:25 AM           | 0   | 0%         |       | 17          | 29%        |         |      |       |
|            | 3/9/2017             | 2:34 PM           | 1   | 33%        |       | 31          | 53%        |         |      |       |
|            | 3/10/2017            | 12:04 PM          | 1   | 33%        |       | 30          | 52%        |         |      |       |
|            | 3/13/2017            | 10:45 AM          | 0   | 0%         |       | 26          | 45%        |         |      |       |
|            | 3/14/2017            | 1:30 PM           | 1   | 33%        |       | 26          | 45%        |         |      |       |
|            | 3/16/2017            | 9:50 AM           | 0   | 0%         |       | 23          | 40%        |         |      |       |
|            | 3/17/2017            | 11:02 AM          | 2   | 67%        |       | 25          | 43%        |         |      |       |
|            |                      |                   |     |            |       |             |            |         |      |       |
|            |                      |                   |     |            |       |             |            |         |      |       |
|            |                      |                   |     |            |       |             |            |         |      |       |
|            |                      |                   |     |            |       |             |            |         |      |       |
|            |                      |                   |     |            |       |             |            |         |      |       |
|            |                      |                   |     |            |       |             |            |         |      |       |
|            |                      | 10am-2pm Average  |     | 44%        |       |             |            |         |      |       |

## EXISTING PARKING INVENTORY

| MAP #<br>2 | DOUTY STREET (8) | 100 BLK N. DOUTY | ADA | %<br>USAGE | 2 HR. | %<br>USAGE | NO<br>LIMIT | 20 MIN. | LOAD | OTHER |
|------------|------------------|------------------|-----|------------|-------|------------|-------------|---------|------|-------|
|            |                  |                  |     |            |       |            |             |         |      |       |
|            | DATE             | TIME             | 1   |            | 16    |            |             |         |      |       |
|            | 3/7/2017         | 3:23 PM          | 0   | 0%         | 15    | 94%        |             |         |      |       |
|            | 3/9/2017         | 8:35 AM          | 0   | 0%         | 10    | 63%        |             |         |      |       |
|            | 3/9/2017         | 2:40 PM          | 1   | 100%       | 14    | 88%        |             |         |      |       |
|            | 3/10/2017        | 12:07 PM         | 1   | 100%       | 15    | 94%        |             |         |      |       |
|            | 3/13/2017        | 10:49 AM         | 0   | 0%         | 9     | 56%        |             |         |      |       |
|            | 3/14/2017        | 1:34 PM          | 1   | 100%       | 15    | 94%        |             |         |      |       |
|            | 3/16/2017        | 9:54 AM          | 0   | 0%         | 15    | 94%        |             |         |      |       |
|            | 3/17/2017        | 11:27 AM         | 1   | 100%       | 16    | 100%       |             |         |      |       |
|            |                  |                  |     |            |       |            |             |         |      |       |
|            |                  |                  |     |            |       |            |             |         |      |       |
|            |                  |                  |     |            |       |            |             |         |      |       |
|            |                  |                  |     |            |       |            |             |         |      |       |
|            |                  |                  |     |            |       |            |             |         |      |       |
|            |                  |                  |     |            |       |            |             |         |      |       |
|            |                  | 10am-2pm Average |     | 88%        |       |            |             |         |      |       |

## EXISTING PARKING INVENTORY

| MAP #<br>3 | EIGHTH / LACEY (12) | 200 BLK W. EIGHTH / LACEY | ADA | %<br>USAGE | 2 HR. | NO<br>LIMIT | %<br>USAGE | 20 MIN. | LOAD | OTHER |
|------------|---------------------|---------------------------|-----|------------|-------|-------------|------------|---------|------|-------|
|            |                     |                           |     |            |       |             |            |         |      |       |
|            | DATE                | TIME                      | 2   |            |       | 38          |            |         |      |       |
|            | 3/7/2017            | 3:44 PM                   | 0   | 0%         |       | 18          | 47%        |         |      |       |
|            | 3/9/2017            | 8:38 AM                   | 0   | 0%         |       | 8           | 21%        |         |      |       |
|            | 3/9/2017            | 2:49 PM                   | 1   | 50%        |       | 26          | 68%        |         |      |       |
|            | 3/10/2017           | 12:15 PM                  | 0   | 0%         |       | 18          | 47%        |         |      |       |
|            | 3/13/2017           | 10:53 AM                  | 0   | 0%         |       | 19          | 50%        |         |      |       |
|            | 3/14/2017           | 1:41 PM                   | 0   | 0%         |       | 22          | 58%        |         |      |       |
|            | 3/16/2017           | 10:02 AM                  | 0   | 0%         |       | 25          | 66%        |         |      |       |
|            | 3/17/2017           | 11:32 AM                  | 1   | 50%        |       | 19          | 50%        |         |      |       |
|            |                     |                           |     |            |       |             |            |         |      |       |
|            |                     |                           |     |            |       |             |            |         |      |       |
|            |                     |                           |     |            |       |             |            |         |      |       |
|            |                     |                           |     |            |       |             |            |         |      |       |
|            |                     |                           |     |            |       |             |            |         |      |       |
|            |                     |                           |     |            |       |             |            |         |      |       |
|            |                     | 10am-2pm Average          |     | 57%        |       |             |            |         |      |       |



## EXISTING PARKING INVENTORY

| MAP #<br>4 | HANFORD PLAZA (4) | 100 BLK W. EIGHTH | ADA | %<br>USAGE | 2 HR. | NO<br>LIMIT | %<br>USAGE | 20 MIN. | LOAD | OTHER |
|------------|-------------------|-------------------|-----|------------|-------|-------------|------------|---------|------|-------|
|            |                   |                   |     |            |       |             |            |         |      |       |
|            | DATE              | TIME              | 2   |            |       | 61          |            |         |      |       |
|            | 3/9/2017          | 8:28 AM           | 0   | 0%         |       | 18          | 30%        |         |      |       |
|            | 3/9/2017          | 2:38 PM           | 1   | 50%        |       | 41          | 67%        |         |      |       |
|            | 3/10/2017         | 12:13 PM          | 1   | 50%        |       | 51          | 84%        |         |      |       |
|            | 3/13/2017         | 10:47 AM          | 0   | 0%         |       | 32          | 52%        |         |      |       |
|            | 3/14/2017         | 1:32 PM           | 0   | 0%         |       | 40          | 66%        |         |      |       |
|            | 3/16/2017         | 9:52 AM           | 0   | 0%         |       | 37          | 61%        |         |      |       |
|            | 3/17/2017         | 11:24 AM          | 1   | 50%        |       | 45          | 74%        |         |      |       |
|            |                   |                   |     |            |       |             |            |         |      |       |
|            |                   |                   |     |            |       |             |            |         |      |       |
|            |                   |                   |     |            |       |             |            |         |      |       |
|            |                   |                   |     |            |       |             |            |         |      |       |
|            |                   |                   |     |            |       |             |            |         |      |       |
|            |                   |                   |     |            |       |             |            |         |      |       |
|            |                   |                   |     |            |       |             |            |         |      |       |
|            |                   | 10am-2pm Average  |     | 69%        |       |             |            |         |      |       |

## EXISTING PARKING INVENTORY

| MAP #<br>5 | IRWIN / SIXTH (2) | 200 BLK W. SIXTH | ADA | %<br>USAGE | 2 HR. | NO<br>LIMIT | %<br>USAGE | 20 MIN. | LOAD | OTHER |
|------------|-------------------|------------------|-----|------------|-------|-------------|------------|---------|------|-------|
|            |                   |                  |     |            |       |             |            |         |      |       |
|            | DATE              | TIME             | 3   |            |       | 52          |            |         |      |       |
|            | 3/7/2017          | 3:28 PM          | 2   | 67%        |       | 35          | 67%        |         |      |       |
|            | 3/9/2017          | 8:32 AM          | 2   | 67%        |       | 42          | 81%        |         |      |       |
|            | 3/9/2017          | 2:43 PM          | 1   | 33%        |       | 38          | 73%        |         |      |       |
|            | 3/10/2017         | 12:09 PM         | 1   | 33%        |       | 25          | 48%        |         |      |       |
|            | 3/13/2017         | 10:51 AM         | 0   | 0%         |       | 47          | 90%        |         |      |       |
|            | 3/14/2017         | 1:39 PM          | 2   | 67%        |       | 39          | 75%        |         |      |       |
|            | 3/16/2017         | 9:57 AM          | 1   | 33%        |       | 50          | 96%        |         |      |       |
|            | 3/17/2017         | 11:29 AM         | 1   | 33%        |       | 40          | 77%        |         |      |       |
|            |                   |                  |     |            |       |             |            |         |      |       |
|            |                   |                  |     |            |       |             |            |         |      |       |
|            |                   |                  |     |            |       |             |            |         |      |       |
|            |                   |                  |     |            |       |             |            |         |      |       |
|            |                   |                  |     |            |       |             |            |         |      |       |
|            |                   |                  |     |            |       |             |            |         |      |       |
|            |                   | 10am-2pm Average |     | 77%        |       |             |            |         |      |       |

## EXISTING PARKING INVENTORY

| MAP #<br>6 | IRWIN / SIXTH (2) | 200 BLK W. SIXTH | ADA | %<br>USAGE | 2 HR. | %<br>USAGE | NO<br>LIMIT | %<br>USAGE | 20 MIN. | LOAD | OTHER |
|------------|-------------------|------------------|-----|------------|-------|------------|-------------|------------|---------|------|-------|
|            |                   |                  |     |            |       |            |             |            |         |      |       |
|            | DATE              | TIME             | 4   |            | 29    |            | 36          |            |         |      |       |
|            | 3/7/2017          | 3:49 PM          | 2   | 67%        | 18    | 62%        | 25          | 69%        |         |      |       |
|            | 3/8/2017          | 8:40 AM          | 0   | 0%         | 14    | 48%        | 15          | 42%        |         |      |       |
|            | 3/9/2017          | 2:52 PM          | 2   | 67%        | 23    | 79%        | 29          | 81%        |         |      |       |
|            | 3/10/2017         | 12:18 PM         | 2   | 67%        | 21    | 72%        | 24          | 67%        |         |      |       |
|            | 3/13/2017         | 10:55 AM         | 1   | 33%        | 11    | 38%        | 22          | 61%        |         |      |       |
|            | 3/14/2017         | 1:44 PM          | 2   | 67%        | 17    | 59%        | 23          | 64%        |         |      |       |
|            | 3/16/2017         | 10:05 AM         | 0   | 0%         | 25    | 86%        | 28          | 78%        |         |      |       |
|            | 3/17/2017         | 11:36 AM         | 2   | 67%        | 22    | 76%        | 27          | 75%        |         |      |       |
|            |                   |                  |     |            |       |            |             |            |         |      |       |
|            |                   |                  |     |            |       |            |             |            |         |      |       |
|            |                   |                  |     |            |       |            |             |            |         |      |       |
|            |                   |                  |     |            |       |            |             |            |         |      |       |
|            |                   |                  |     |            |       |            |             |            |         |      |       |
|            |                   |                  |     |            |       |            |             |            |         |      |       |
|            |                   | 10am-2pm Average |     | 71%        |       |            |             |            |         |      |       |



# EXISTING PARKING INVENTORY

| MAP #<br>7 | METRO / HAN FURN (10) | 100 BLK E. SEVENTH | ADA | %<br>USAGE | 2 HR. | NO<br>LIMIT | %<br>USAGE | 20 MIN. | LOAD | OTHER |
|------------|-----------------------|--------------------|-----|------------|-------|-------------|------------|---------|------|-------|
|            | DATE                  | TIME               | 3   |            |       | 58          |            |         |      |       |
|            | 3/7/2017              | 8:15 AM            | 0   | 0%         |       | 23          | 40%        |         |      |       |
|            | 3/7/2017              | 3:00 PM            | 0   | 0%         |       | 30          | 52%        |         |      |       |
|            | 3/8/2017              | 1:35 PM            | 0   | 0%         |       | 41          | 71%        |         |      |       |
|            | 3/8/2017              | 11:00 AM           | 1   | 33%        |       | 39          | 67%        |         |      |       |
|            | 3/9/2017              | 9:00 AM            | 0   | 0%         |       | 30          | 52%        |         |      |       |
|            | 3/9/2017              | 3:30 PM            | 0   | 0%         |       | 43          | 74%        |         |      |       |
|            | 3/10/2017             | 10:05 AM           | 2   | 67%        |       | 44          | 76%        |         |      |       |
|            | 3/10/2017             | 12:15 PM           | 0   | 0%         |       | 40          | 69%        |         |      |       |
|            | 3/13/2017             | 8:45 AM            | 0   | 0%         |       | 23          | 40%        |         |      |       |
|            | 3/14/2017             | 9:16 AM            | 0   | 0%         |       | 39          | 67%        |         |      |       |
|            | 3/15/2017             | 2:05 PM            | 1   | 33%        |       | 48          | 83%        |         |      |       |
|            | 3/16/2017             | 3:18 PM            | 0   | 0%         |       | 37          | 64%        |         |      |       |
|            | 3/17/2017             | 8:30 AM            | 0   | 0%         |       | 26          | 45%        |         |      |       |
|            |                       |                    |     |            |       |             |            |         |      |       |
|            |                       | 10am-2pm Average   |     | 68%        |       |             |            |         |      |       |

Attachment: Downtown Parking Report (Downtown Parking)

# EXISTING PARKING INVENTORY

| MAP #<br>8 | SANTA FE  | 200 BLK N. SANTA FE | ADA | %<br>USAGE | 2 HR. | %<br>USAGE | NO<br>LIMIT | %<br>USAGE | 20 MIN. | LOAD |
|------------|-----------|---------------------|-----|------------|-------|------------|-------------|------------|---------|------|
|            | DATE      | TIME                | 2   |            | 6     |            | 39          |            |         | 2    |
|            | 3/7/2017  | 8:00 AM             | 1   | 50%        | 1     | 17%        | 31          | 79%        |         |      |
|            | 3/7/2017  | 2:30 PM             | 1   | 50%        | 3     | 50%        | 26          | 67%        |         |      |
|            | 3/8/2017  | 1:15 PM             | 0   | 0%         | 1     | 17%        | 31          | 79%        |         |      |
|            | 3/8/2017  | 11:25 AM            | 0   | 0%         | 3     | 50%        | 32          | 82%        |         |      |
|            | 3/9/2017  | 9:30 AM             | 0   | 0%         | 2     | 33%        | 26          | 67%        |         |      |
|            | 3/9/2017  | 3:25 PM             | 1   | 50%        | 0     | 0%         | 31          | 79%        |         |      |
|            | 3/10/2017 | 10:15 AM            | 0   | 0%         | 1     | 17%        | 32          | 82%        |         |      |
|            | 3/10/2017 | 12:20 PM            | 1   | 50%        | 4     | 67%        | 33          | 85%        |         |      |
|            | 3/13/2017 | 9:20 AM             | 2   | 100%       | 2     | 33%        | 24          | 62%        |         |      |
|            | 3/14/2017 | 9:00 AM             | 1   | 50%        | 1     | 17%        | 17          | 44%        |         |      |
|            | 3/15/2017 | 2:25 PM             | 0   | 0%         | 1     | 17%        | 19          | 49%        |         |      |
|            | 3/16/2017 | 3:09 PM             | 1   | 50%        | 1     | 17%        | 29          | 74%        |         |      |
|            | 3/17/2017 | 8:10 AM             | 0   | 0%         | 0     | 0%         | 24          | 62%        |         |      |
|            |           |                     |     |            |       |            |             |            |         |      |
|            |           | 10am-2pm Average    |     | 77%        |       |            |             |            |         |      |

# EXISTING PARKING INVENTORY

| MAP #<br>9 | WRKMAN / VAN ANDEL (1) | ADDRESS          | ADA | %<br>USAGE | 2 HR. | %<br>USAGE | NO<br>LIMIT | %<br>USAGE | 20 MIN. | LOAD |
|------------|------------------------|------------------|-----|------------|-------|------------|-------------|------------|---------|------|
|            | DATE                   | TIME             | 3   |            | 26    |            | 26          |            |         |      |
|            | 3/7/2017               | 8:30 AM          | 0   | 0%         | 1     | 4%         | 10          | 38%        |         |      |
|            | 3/7/2017               | 2:40 PM          | 2   | 67%        | 22    | 85%        | 24          | 92%        |         |      |
|            | 3/8/2017               | 1:20 PM          | 2   | 67%        | 13    | 50%        | 21          | 81%        |         |      |
|            | 3/8/2017               | 11:20 AM         | 1   | 33%        | 15    | 58%        | 24          | 92%        |         |      |
|            | 3/9/2017               | 9:20 AM          | 1   | 33%        | 16    | 62%        | 15          | 58%        |         |      |
|            | 3/9/2017               | 3:10 PM          | 0   | 0%         | 20    | 77%        | 22          | 85%        |         |      |
|            | 3/10/2017              | 10:20 AM         | 0   | 0%         | 24    | 92%        | 21          | 81%        |         |      |
|            | 3/10/2017              | 12:25 PM         | 0   | 0%         | 24    | 92%        | 19          | 73%        |         |      |
|            | 3/13/2017              | 9:10 AM          | 0   | 0%         | 11    | 42%        | 11          | 42%        |         |      |
|            | 3/14/2017              | 9:05 AM          | 2   | 67%        | 13    | 50%        | 13          | 50%        |         |      |
|            | 3/15/2017              | 2:15 PM          | 0   | 0%         | 12    | 46%        | 22          | 85%        |         |      |
|            | 3/16/2017              | 3:05 PM          | 2   | 67%        | 24    | 92%        | 22          | 85%        |         |      |
|            | 3/17/2017              | 8:15 AM          | 0   | 0%         | 1     | 4%         | 10          | 38%        |         |      |
|            |                        |                  |     |            |       |            |             |            |         |      |
|            |                        | 10am-2pm Average |     | 84%        |       |            |             |            |         |      |



# EXISTING PARKING INVENTORY

| MAP #<br>10 | WRKMAN / VAN ANDEL (1) | ADDRESS          | ADA | %<br>USAGE | 2 HR. | NO<br>LIMIT | %<br>USAGE | 20 MIN. | LOAD |
|-------------|------------------------|------------------|-----|------------|-------|-------------|------------|---------|------|
|             | DATE                   | TIME             | 2   |            |       | 30          |            |         |      |
|             | 3/7/2017               | 8:10 AM          | 0   | 0%         |       | 24          | 80%        |         |      |
|             | 3/7/2017               | 2:50 PM          | 0   | 0%         |       | 21          | 70%        |         |      |
|             | 3/8/2017               | 1:23 PM          | 1   | 50%        |       | 19          | 63%        |         |      |
|             | 3/8/2017               | 11:15 AM         | 0   | 0%         |       | 24          | 80%        |         |      |
|             | 3/9/2017               | 9:15 AM          | 0   | 0%         |       | 25          | 83%        |         |      |
|             | 3/9/2017               | 3:15 PM          | 0   | 0%         |       | 24          | 80%        |         |      |
|             | 3/10/2017              | 10:30 AM         | 0   | 0%         |       | 21          | 70%        |         |      |
|             | 3/10/2017              | 12:30 PM         | 0   | 0%         |       | 23          | 77%        |         |      |
|             | 3/13/2017              | 9:05 AM          | 0   | 0%         |       | 28          | 93%        |         |      |
|             | 3/14/2017              | 9:14 AM          | 0   | 0%         |       | 28          | 93%        |         |      |
|             | 3/15/2017              | 2:20 PM          | 0   | 0%         |       | 20          | 67%        |         |      |
|             | 3/16/2017              | 3:14 PM          | 0   | 0%         |       | 22          | 73%        |         |      |
|             | 3/17/2017              | 8:20 AM          | 0   | 0%         |       | 21          | 70%        |         |      |
|             |                        |                  |     |            |       |             |            |         |      |
|             |                        | 10am-2pm Average |     | 71%        |       |             |            |         |      |

# EXISTING PARKING INVENTORY

| MAP #<br>11 | COURTHOUSE SQ | COR DOUTY / EIGHT | ADA | %<br>USAGE | 2 HR. | NO<br>LIMIT | %<br>USAGE | 20 MIN. | LOAD | OTHER |
|-------------|---------------|-------------------|-----|------------|-------|-------------|------------|---------|------|-------|
|             | DATE          | TIME              | 2   |            |       | 47          |            |         |      |       |
|             | 3/7/2017      | 8:45 AM           | 0   | 0%         |       | 10          | 21%        |         |      |       |
|             | 3/7/2017      | 3:05 PM           | 0   | 0%         |       | 24          | 51%        |         |      |       |
|             | 3/8/2017      | 1:25 PM           | 2   | 100%       |       | 31          | 66%        |         |      |       |
|             | 3/8/2017      | 11:05 AM          | 2   | 100%       |       | 34          | 72%        |         |      |       |
|             | 3/9/2017      | 9:25 AM           | 0   | 0%         |       | 24          | 51%        |         |      |       |
|             | 3/9/2017      | 3:10 PM           | 1   | 50%        |       | 30          | 64%        |         |      |       |
|             | 3/10/2017     | 10:25 AM          | 0   | 0%         |       | 21          | 45%        |         |      |       |
|             | 3/10/2017     | 12:35 PM          | 0   | 0%         |       | 21          | 45%        |         |      |       |
|             | 3/13/2017     | 9:00 AM           | 1   | 50%        |       | 8           | 17%        |         |      |       |
|             | 3/14/2017     | 9:12 AM           | 0   | 0%         |       | 20          | 43%        |         |      |       |
|             | 3/15/2017     | 2:10 PM           | 1   | 50%        |       | 18          | 38%        |         |      |       |
|             | 3/16/2017     | 3:11 PM           | 0   | 0%         |       | 31          | 66%        |         |      |       |
|             | 3/17/2017     | 8:25 AM           | 0   | 0%         |       | 9           | 19%        |         |      |       |
|             |               |                   |     |            |       |             |            |         |      |       |
|             |               | 10am-2pm Average  |     | 55%        |       |             |            |         |      |       |

Attachment: Downtown Parking Report (Downtown Parking)

# EXISTING PARKING INVENTORY

| MAP #<br>13 | HOTEL     | 200 BLK W SIXTH  | ADA | %<br>USAGE | 2 HR. | NO<br>LIMIT | %<br>USAGE | 20 MIN. | LOAD | OTHER |
|-------------|-----------|------------------|-----|------------|-------|-------------|------------|---------|------|-------|
|             |           |                  |     |            |       |             |            |         |      |       |
|             | DATE      | TIME             | 3   |            |       | 66          |            |         |      |       |
|             | 3/6/2017  | 2:44 PM          | 0   | 0%         |       | 15          | 23%        |         |      |       |
|             | 3/7/2017  | 8:00 AM          | 1   | 33%        |       | 14          | 21%        |         |      |       |
|             | 3/7/2017  | 10:29 AM         | 0   | 0%         |       | 16          | 24%        |         |      |       |
|             | 3/7/2017  | 1:24 PM          | 0   | 0%         |       | 19          | 29%        |         |      |       |
|             | 3/8/2017  | 12:40 PM         | 0   | 0%         |       | 16          | 24%        |         |      |       |
|             | 3/9/2017  | 10:35 AM         | 1   | 33%        |       | 18          | 27%        |         |      |       |
|             | 3/10/2017 | 2:44 PM          | 0   | 0%         |       | 14          | 21%        |         |      |       |
|             | 3/13/2017 | 9:46 AM          | 0   | 0%         |       | 17          | 26%        |         |      |       |
|             | 3/14/2017 | 3:03 PM          | 2   | 67%        |       | 14          | 21%        |         |      |       |
|             | 3/15/2017 | 2:43 PM          | 0   | 0%         |       | 42          | 64%        |         |      |       |
|             | 3/16/2017 | 10:53 AM         | 0   | 0%         |       | 14          | 21%        |         |      |       |
|             | 3/17/2017 | 8:32 AM          | 1   | 33%        |       | 18          | 27%        |         |      |       |
|             |           |                  |     |            |       |             |            |         |      |       |
|             |           |                  |     |            |       |             |            |         |      |       |
|             |           | 10am-2pm Average |     | 25%        |       |             |            |         |      |       |



# EXISTING PARKING INVENTORY

| MAP #<br>14 | LIBRARY   | 400 BLK N HARRIS | ADA | %<br>USAGE | 2 HR. | NO<br>LIMIT | %<br>USAGE | 20 MIN. | LOAD | OTHER |
|-------------|-----------|------------------|-----|------------|-------|-------------|------------|---------|------|-------|
|             |           |                  |     |            |       |             |            |         |      |       |
|             | DATE      | TIME             | 3   |            |       | 59          |            |         |      |       |
|             | 3/6/2017  | 2:59 PM          | 0   | 0%         |       | 26          | 44%        |         |      |       |
|             | 3/7/2017  | 8:07 AM          | 0   | 0%         |       | 19          | 32%        |         |      |       |
|             | 3/7/2017  | 10:18 AM         | 0   | 0%         |       | 23          | 39%        |         |      |       |
|             | 3/7/2017  | 1:15 PM          | 0   | 0%         |       | 27          | 46%        |         |      |       |
|             | 3/8/2017  | 12:46 PM         | 0   | 0%         |       | 30          | 51%        |         |      |       |
|             | 3/9/2017  | 10:41 PM         | 0   | 0%         |       | 19          | 32%        |         |      |       |
|             | 3/10/2017 | 2:51 PM          | 0   | 0%         |       | 15          | 25%        |         |      |       |
|             | 3/13/2017 | 9:40 AM          | 0   | 0%         |       | 12          | 20%        |         |      |       |
|             | 3/14/2017 | 2:59 PM          | 0   | 0%         |       | 17          | 29%        |         |      |       |
|             | 3/15/2017 | 2:50 PM          | 0   | 0%         |       | 24          | 41%        |         |      |       |
|             | 3/16/2017 | 11:00 AM         | 0   | 0%         |       | 22          | 37%        |         |      |       |
|             | 3/17/2017 | 8:38 AM          | 0   | 0%         |       | 12          | 20%        |         |      |       |
|             |           |                  |     |            |       |             |            |         |      |       |
|             |           |                  |     |            |       |             |            |         |      |       |
|             |           | 10am-2pm Average |     | 38%        |       |             |            |         |      |       |

Attachment: Downtown Parking Report (Downtown Parking)

# EXISTING PARKING INVENTORY

| MAP #<br>15 | McDONALD'S | 300 BLK W EIGHTH | ADA | %<br>USAGE | 2 HR. | NO<br>LIMIT | %<br>USAGE | 20 MIN. | LOAD | OTHER |
|-------------|------------|------------------|-----|------------|-------|-------------|------------|---------|------|-------|
|             | DATE       | TIME             | 2   |            |       | 28          |            |         |      |       |
|             | 3/6/2017   | 2:47 PM          | 1   | 50%        |       | 16          | 57%        |         |      |       |
|             | 3/7/2017   | 7:54 AM          | 0   | 0%         |       | 8           | 29%        |         |      |       |
|             | 3/7/2017   | 10:35 AM         | 0   | 0%         |       | 28          | 100%       |         |      |       |
|             | 3/7/2017   | 2:47 PM          | 1   | 50%        |       | 16          | 57%        |         |      |       |
|             | 3/7/2017   | 1:18 PM          | 1   | 50%        |       | 25          | 89%        |         |      |       |
|             | 3/8/2017   | 12:50 PM         | 1   | 50%        |       | 25          | 89%        |         |      |       |
|             | 3/9/2017   | 10:31 AM         | 1   | 50%        |       | 24          | 86%        |         |      |       |
|             | 3/10/2017  | 2:47 PM          | 1   | 50%        |       | 25          | 89%        |         |      |       |
|             | 3/13/2017  | 9:43 AM          | 1   | 50%        |       | 20          | 71%        |         |      |       |
|             | 3/14/2017  | 3:01 PM          | 1   | 50%        |       | 21          | 75%        |         |      |       |
|             | 3/15/2017  | 2:45 PM          | 1   | 50%        |       | 28          | 100%       |         |      |       |
|             | 3/16/2017  | 10:56 AM         | 2   | 100%       |       | 28          | 100%       |         |      |       |
|             | 3/17/2017  | 8:34 AM          | 0   | 0%         |       | 15          | 54%        |         |      |       |
|             |            |                  |     |            |       |             |            |         |      |       |
|             |            | 10am-2pm Average |     | 89%        |       |             |            |         |      |       |

# EXISTING PARKING INVENTORY

| MAP #<br>16 | SIXTH STREET | 100 BLK W SIXTH  | ADA | %<br>USAGE | 2 HR. | NO<br>LIMIT | %<br>USAGE | 20 MIN. | LOAD | OTHER |
|-------------|--------------|------------------|-----|------------|-------|-------------|------------|---------|------|-------|
|             |              |                  |     |            |       |             |            |         |      |       |
|             | DATE         | TIME             | 3   |            |       | 65          |            |         |      |       |
|             | 3/6/2017     | 2:42 PM          | 1   | 33%        |       | 24          | 37%        |         |      |       |
|             | 3/7/2017     | 8:01 AM          | 0   | 0%         |       | 18          | 28%        |         |      |       |
|             | 3/7/2017     | 10:31 AM         | 0   | 0%         |       | 30          | 46%        |         |      |       |
|             | 3/7/2017     | 1:26 PM          | 0   | 0%         |       | 28          | 43%        |         |      |       |
|             | 3/8/2017     | 12:42 PM         | 0   | 0%         |       | 25          | 38%        |         |      |       |
|             | 3/9/2017     | 10:36 AM         | 0   | 0%         |       | 25          | 38%        |         |      |       |
|             | 3/10/2017    | 2:41 PM          | 0   | 0%         |       | 14          | 22%        |         |      |       |
|             | 3/13/2017    | 9:45 AM          | 0   | 0%         |       | 20          | 31%        |         |      |       |
|             | 3/14/2017    | 3:05 PM          | 0   | 0%         |       | 20          | 31%        |         |      |       |
|             | 3/15/2017    | 2:44 PM          | 0   | 0%         |       | 16          | 25%        |         |      |       |
|             | 3/16/2017    | 10:51 AM         | 0   | 0%         |       | 28          | 43%        |         |      |       |
|             | 3/17/2017    | 8:30 AM          | 0   | 0%         |       | 17          | 26%        |         |      |       |
|             |              |                  |     |            |       |             |            |         |      |       |
|             |              |                  |     |            |       |             |            |         |      |       |
|             |              | 10am-2pm Average |     | 42%        |       |             |            |         |      |       |

Attachment: Downtown Parking Report (Downtown Parking)



# EXISTING PARKING INVENTORY

| MAP #<br>17 | SWIMMING POOL | COR KAWEAH / FORD | ADA | %<br>USAGE | 2 HR. | NO<br>LIMIT | %<br>USAGE | 20 MIN. | LOAD | OTHER |
|-------------|---------------|-------------------|-----|------------|-------|-------------|------------|---------|------|-------|
|             | DATE          | TIME              | 3   |            |       | 47          |            |         |      |       |
|             | 3/6/2017      | 2:51 PM           | 0   | 0%         |       | 3           | 6%         |         |      |       |
|             | 3/7/2017      | 7:52 AM           | 0   | 0%         |       | 0           | 0%         |         |      |       |
|             | 3/7/2017      | 10:22 AM          | 0   | 0%         |       | 2           | 4%         |         |      |       |
|             | 3/7/2017      | 1:10 PM           | 0   | 0%         |       | 6           | 13%        |         |      |       |
|             | 3/8/2017      | 12:49 PM          | 0   | 0%         |       | 2           | 4%         |         |      |       |
|             | 3/9/2017      | 10:30 AM          | 0   | 0%         |       | 1           | 2%         |         |      |       |
|             | 3/10/2017     | 2:48 PM           | 0   | 0%         |       | 6           | 13%        |         |      |       |
|             | 3/13/2017     | 9:35 AM           | 0   | 0%         |       | 0           | 0%         |         |      |       |
|             | 3/14/2017     | 2:55 PM           | 0   | 0%         |       | 5           | 11%        |         |      |       |
|             | 3/15/2017     | 2:46 PM           | 0   | 0%         |       | 8           | 17%        |         |      |       |
|             | 3/16/2017     | 10:57 AM          | 0   | 0%         |       | 0           | 0%         |         |      |       |
|             | 3/17/2017     | 8:35 AM           | 0   | 0%         |       | 0           | 0%         |         |      |       |
|             |               |                   |     |            |       |             |            |         |      |       |
|             |               |                   |     |            |       |             |            |         |      |       |
|             |               | 10am-2pm Average  |     | 6%         |       |             |            |         |      |       |

Attachment: Downtown Parking Report (Downtown Parking)

# EXISTING PARKING INVENTORY

| MAP #<br>18 | VETERAN'S / POLICE | 400 BLK N IRWIN  | ADA | %<br>USAGE | 2 HR. | NO<br>LIMIT | %<br>USAGE | 20 MIN. | LOAD | OTHER |
|-------------|--------------------|------------------|-----|------------|-------|-------------|------------|---------|------|-------|
|             | DATE               | TIME             | 2   |            |       | 14          |            |         |      | 2     |
|             | 3/6/2017           | 2:54 PM          | 2   | 100%       |       | 6           | 43%        |         |      |       |
|             | 3/7/2017           | 8:05 AM          | 1   | 50%        |       | 9           | 64%        |         |      |       |
|             | 3/7/2017           | 10:20 AM         | 1   | 50%        |       | 13          | 93%        |         |      |       |
|             | 3/7/2017           | 1:13 PM          | 0   | 0%         |       | 8           | 57%        |         |      |       |
|             | 3/8/2017           | 12:48 PM         | 1   | 50%        |       | 10          | 71%        |         |      |       |
|             | 3/9/2017           | 10:39 AM         | 0   | 0%         |       | 9           | 64%        |         |      |       |
|             | 3/10/2017          | 2:50 PM          | 0   | 0%         |       | 3           | 21%        |         |      |       |
|             | 3/13/2017          | 9:38 AM          | 1   | 50%        |       | 9           | 64%        |         |      |       |
|             | 3/14/2017          | 2:57 PM          | 0   | 0%         |       | 5           | 36%        |         |      |       |
|             | 3/15/2017          | 2:48 PM          | 0   | 0%         |       | 5           | 36%        |         |      |       |
|             | 3/16/2017          | 10:59 AM         | 0   | 0%         |       | 5           | 36%        |         |      |       |
|             | 3/17/2017          | 8:36 AM          | 1   | 50%        |       | 7           | 50%        |         |      |       |
|             |                    |                  |     |            |       |             |            |         |      |       |
|             |                    |                  |     |            |       |             |            |         |      |       |
|             |                    | 10am-2pm Average |     | 71%        |       |             |            |         |      |       |

Attachment: Downtown Parking Report (Downtown Parking)



**AGENDA  
STAFF REPORT**

|                                |                          |
|--------------------------------|--------------------------|
| <b>MEETING DATE:</b> 9/28/2017 | <b>AGENDA SECTION:</b> 9 |
|--------------------------------|--------------------------|

**SUBJECT:**  
City Council Actions

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**FISCAL IMPACT:**

**ATTACHMENTS:**  
City Council Actions



## **CITY COUNCIL ACTIONS**

### Meeting of August 1, 2017

None to report.

### Meeting of August 15, 2017

None to report.

### Meeting of August 29, 2017

None to report.

### Meeting of September 5, 2017

Meeting cancelled.

### Special Meeting of September 12, 2017

None to report.

### Meeting of September 19, 2017

- 1) Approve Notice of Completion for FY16/17 Slurry Seal Treatment Project.