

AGENDA
PARKING AND TRAFFIC COMMISSION
of the
CITY OF HANFORD

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

CALL TO ORDER

ROLL CALL

FLAG SALUTE

MINUTES APPROVAL

1. Approve Minutes from March 23, 2017 Parking & Traffic Commission 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 **five minutes** is allowed for each speaker. Please begin your comments by stating your name and providing your city of residence.*

STAFF REPORTS

2. Vote for Chair and Vice-Chair
3. No Parking on the South Side of Eighth Street from Williams Street to the Railroad Tracks.
4. Request for a Crosswalk on Leland Way at Hamilton School.

STAFF COMMUNICATION

5. City Council Actions
6. Staff Communications

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. 10th Avenue, Hanford, California 93230, during normal business hours. Such documents are also available at the city's website, 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. 10th Avenue, Hanford, California 93230, at least 2 days prior to the meeting {28 CFR 35.102.35.104 ADA Title II}



**AGENDA
STAFF REPORT**

MEETING DATE: 4/27/2017	AGENDA SECTION:
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SUBJECT:

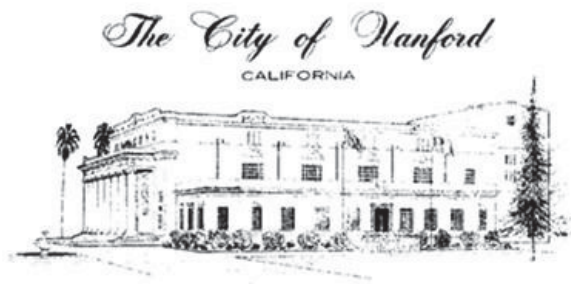
Approve Minutes from March 23, 2017 Parking & Traffic Commission Meeting

RECOMMENDATION:

That the Parking & Traffic Commission, by motion, approve the March 23, 2017 Parking & Traffic Minutes.

FISCAL IMPACT:

ATTACHMENTS:



MINUTES
PARKING AND TRAFFIC COMMISSION
of the
CITY OF HANFORD

COUNCIL CHAMBERS
400 N. Douty St.
5:30 PM, Thursday, March 23, 2017

CALL TO ORDER

Vice-Chairman MacLELLAN called the meeting to order at 5:33 PM.

ROLL CALL

Attendee Name	Title	Status	Arrived
Glenda Dwyer	Commissioner	Present	
James MacLellan	Vice-Chairman	Present	
Demeatrus Robinson	Commissioner	Absent	
Alex Dwiggin	Commissioner	Present	
Jeffrey Porterfield	Commissioner	Absent	

Also in attendance:

Robert Bridges
 April Silva
 Jamie Perkins
 Onan Champi
 Micky Stoddard
 Gerry Mulligan
 Mike Robinson
 Ali Robinson
 Jason Strickland
 Veronica Halo
 Mikayla Hailz
 Kelsie Hailz
 Alicia Diaz Wrest
 Mike Hailz
 Judy Marcum
 Mary Grub

FLAG SALUTE

Attachment: 3.23.17 minutes (1952 : 3.23.17 minutes)

Vice-Chairman MacLELLAN lead the flag salute.

MINUTES APPROVAL

1. Approve Minutes from January, 26 2017 Parking & Traffic Commission Meeting

Motion to accept the minutes.

RESULT:	APPROVED [UNANIMOUS]
MOVER:	Alex Dwiggins, Commissioner
SECONDER:	Glenda Dwyer, Commissioner
AYES:	Dwyer, MacLellan, Dwiggins
ABSENT:	Robinson, Porterfield

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 **five 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. Crosswalk on Florinda Street at Sequoia Circle: This item was tabled at the January 26, 2017 Meeting

Commissioners requested staff to conducted another pedestrian count and to bring this request for a crosswalk at Florinda Street at Sequoia Circle back to the Commission for review. Staff presented the results of the second pedestrian count to Commissioners. Staff told Commissioners that the second count netted 40 students crossing which is nine students more then the first count, however, the crosswalk does not meet warrants. Staff stated that they do not recommend installing the crosswalk at Florinda Street at Sequoia Circle.

Commissioners had a brief discussion.

Vice-Chairman MacLELLAN opened the floor for public comment. Jason Strickland, Principle, John F. Kennedy Junior High School, Gerry Mulligan, Director of Facilities & Operations for Hanford Elementary School District and April Silva, Teacher, John F. Kennedy Junior High School, all spoke in favor of the crosswalk.

Motion to accept staffs recommendation to not install a crosswalk at Florinda Street at Sequoia Circle and have staff re-evaluate in May 2017.

RESULT:	APPROVED [UNANIMOUS]
MOVER:	Glenda Dwyer, Commissioner
SECONDER:	Alex Dwiggins, Commissioner
AYES:	Dwyer, MacLellan, Dwiggins
ABSENT:	Robinson, Porterfield

3. Crosswalk on Centennial Drive at the Softball Complex

Staff presented a request for a crosswalk on Centennial Drive at the Softball Complex.

Commissioners had a brief discussion.

Vice-Chairman MacLELLAN open the floor for public comment. Judy Marcom spoke in favor of the crosswalk.

Motion to accept staffs recommendation to not install a crosswalk on Centennial Drive at the Softball Complex.

Attachment: 3.23.17 minutes (1952 : 3.23.17 minutes)

RESULT:	APPROVED [UNANIMOUS]
MOVER:	Alex Dwiggins, Commissioner
SECONDER:	Glenda Dwyer, Commissioner
AYES:	Dwyer, MacLellan, Dwiggins
ABSENT:	Robinson, Porterfield

4. Flashing Beacons on Harris Street Crossing at Saint Rose McCarthy School

Staff presented a request for a Flashing Beacons to be installed on Harris Street at the Saint Rose McCarthy School crossing. Staff answered questions for Commissioners.

Vice-Chairman MacLELLAN opened the floor for public comment.

Jamie Perkins

Mary Grub

Onan Chami

Mike Robinson

Mickey Stoddard

Alicia Diaz Wrest

Judy Markom

Lisa Askins

All spoke in favor of the flashing beacons being installed at this crosswalk.

Motion to not accept staffs recommendation not to install the Flashing Beacons on Harris Street crossing at Saint Rose McCarthy School and to recommend to City Council that the Flashing Beacons be installed on the Harris Street Crossing at Saint Rose McCarthy School. Due to the unique circumstance that Saint Rose McCarthy School is a split campus and students cross at this location all day.

RESULT:	APPROVED [UNANIMOUS]
MOVER:	Alex Dwiggins, Commissioner
SECONDER:	Glenda Dwyer, Commissioner
AYES:	Dwyer, MacLellan, Dwiggins
ABSENT:	Robinson, Porterfield

STAFF COMMUNICATION

Staff commented briefly on Actions of the City Council.

5. City Council Actions

COMMISSIONERS ITEMS OF INTEREST

ADJOURNMENT

Vice-Chairman MacLellan adjourned the meeting at 7:16 pm.

Respectfully submitted,

Shawn Dailey, Secretary
Engineering Technician, II

Attachment: 3.23.17 minutes (1952 : 3.23.17 minutes)



**AGENDA
STAFF REPORT**

MEETING DATE: 4/27/2017	AGENDA SECTION: 2
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SUBJECT:

Vote for Chair and Vice-Chair

FISCAL IMPACT:

ATTACHMENTS:



AGENDA STAFF REPORT

MEETING DATE: 4/27/2017	AGENDA SECTION: 3
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SUBJECT:

No Parking on the South Side of Eighth Street from Williams Street to the Railroad Tracks.

RECOMMENDATION:

That the Parking and Traffic Commission, by motion, recommend to the City Council that the following location be added to Section 10.16.130(B) of the City of Hanford Municipal Code prohibiting parking at any time in the designated area:

Eighth Street - the south side from Williams Street to the BN&SF Railroad Tracks.

BACKGROUND:

Staff received a request from Kings Area Rural Transit (KART) asking if red curb and no parking could be posted on both sides of Eighth Street from Williams Street to the east end of the street at the railroad tracks. It was stated that busses exit and enter the Bus Transit Station on Eighth Street, and when passing each other on Eighth Street, if vehicles are parked in the street, they have had several near misses with their side mirrors. To address this concern, staff conducted a study of the location.

Eighth Street is an east-west bound two-lane residential street with a curb to curb width of 40 feet. This width is adequate for a single 12' lane in each direction with 8' on each side for street parking. The existing street parking spaces on Eighth Street are not marked. The speed limit on Eighth Street is prima facie 25 MPH. In the last five years, there have been no accidents reported on the road segment. Eighth Street has the adequate width to provide two 12' travel lanes, and 8' of parallel street parking on both sides. However, when vehicles are parked on both sides of the street, the road feels very narrow.

The width of a KART bus along with their side mirrors extending out is approximately 10' wide. The busses, which are in and out of the facility throughout the day, have had several near misses

with their side mirrors as they pass each other. Due to this obstruction, drivers currently have to wait at the intersection of Williams Street and Eighth Street for the busses to clear the road segment before proceeding.

In-Shape gym is located in the shopping center north of Eighth Street. The designated on-site parking for the facility is shown on the attached aerial map. Patrons have been noted to use the street parking to use the facility. Additionally, the Smog Shop has minimal on-site parking and patrons use street parking spaces on the north side throughout the day.

Staff reviewed the need for red curb on both sides of Eighth Street and determined that eliminating parking on just one side of the street would provide the additional needed clearance for busses to pass safely on the street. The posting of No Parking on the south side of Eighth Street would eliminate nine (9) parking spaces.

If the Commission approves this recommendation, the City Council would be requested to introduce and pass a second reading for an amendment to Ordinance Section 10.16.130(B) of the City of Hanford Municipal Code, to prohibit parking at the designated location

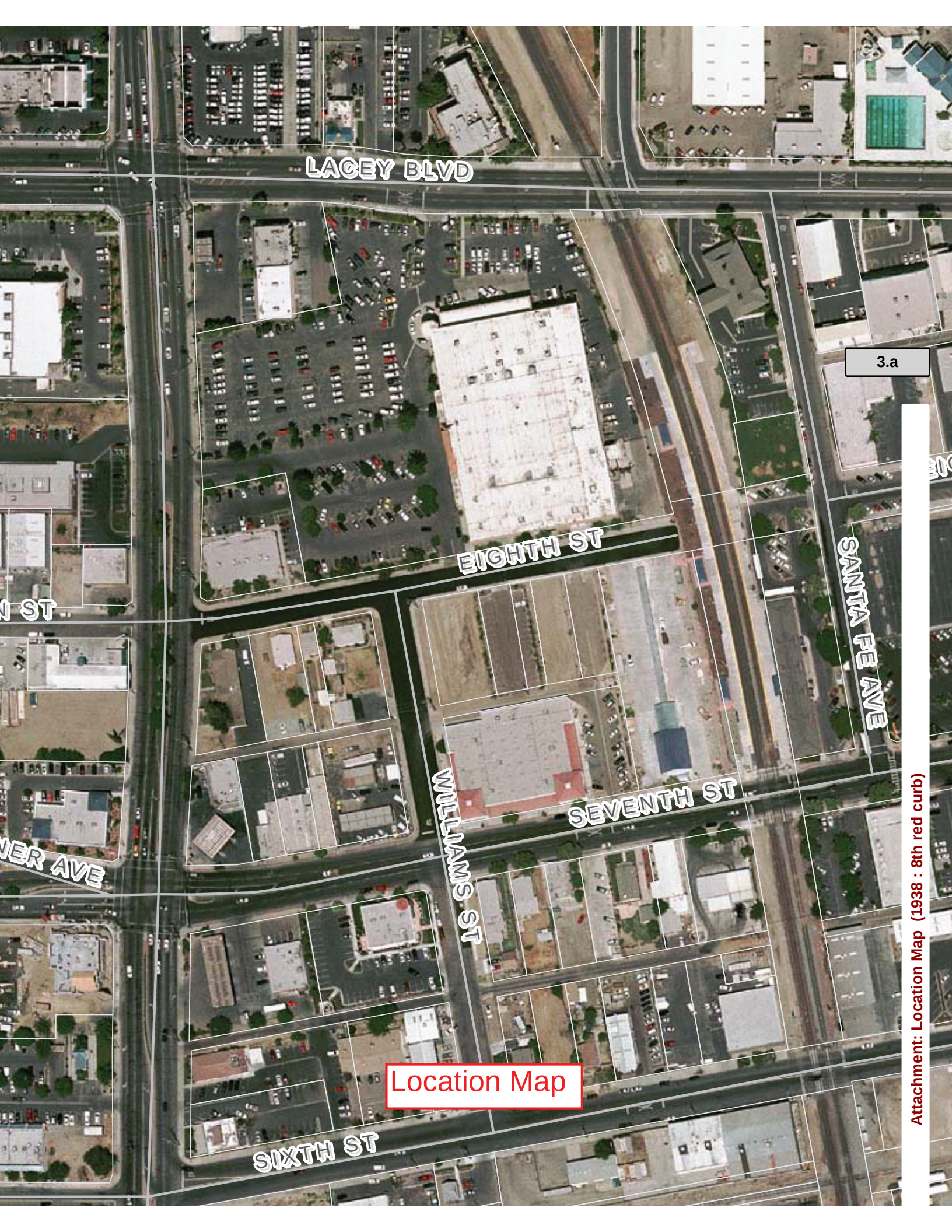
Respectfully submitted,

Lisa Dock, PE
Engineering Manager

FISCAL IMPACT:

ATTACHMENTS:

Location Map
8th Street Red Curb - KART Request



LACEY BLVD

3.a

EIGHTH ST

SANTA FE AVE

SEVENTH ST

WILLIAMS ST

N ST

RIVER AVE

Location Map

SIXTH ST

Attachment: Location Map (1938 : 8th red curb)

N 11th Ave

In-Shape

Bacci &
Glinn PT

Sasser
Specialties

Mario's
Smog &
Tune

W 8th St

Eliminate 9
parking spaces

In-Shape
parking lot

Gym
parking

Bus Transit
Station

Attachment: 8th Street Red Curb - KART Request (red curb)



AGENDA STAFF REPORT

MEETING DATE: 4/27/2017	AGENDA SECTION: 4
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SUBJECT:

Request for a Crosswalk on Leland Way at Hamilton School.

RECOMMENDATION:

That the Parking and Traffic Commission, by motion, recommend to the City Council that a crosswalk not be installed on Leland Way at Hamilton School.

BACKGROUND:

Staff received a request for a crosswalk to be placed on Leland Way at Hamilton School. It was stated that several students use this area to cross. To address this staff conducted a traffic study.

Leland Way is an east/west residential collector street. Leland Way has a curb to curb width of 46' which is adequate for two lanes of travel and parking on both sides of the street. The posted speed limit is 35 mph. The 85th percentile speed is 36 mph in both directions. Traffic volume on this section of Leland Way is 2,010 vehicles. There have been no accidents reported.

The pedestrian study netted 9 students during the peak hour. The warrant for a crosswalk was checked, and the crossing does not meet warrants based on the low pedestrian counts and that adequate gaps exist.

Based on the crosswalk not meeting the basic warrants, Staff recommends that no crosswalk be placed at this time.

Respectfully submitted,

Shawn Dailey, Secretary
Engineering Technician, II

FISCAL IMPACT:**ATTACHMENTS:**

aerial Leland

Leland traffic volume

Leland-Hamilton EB

Leland-Hamilton WB

Leland-Hamilton EB speed

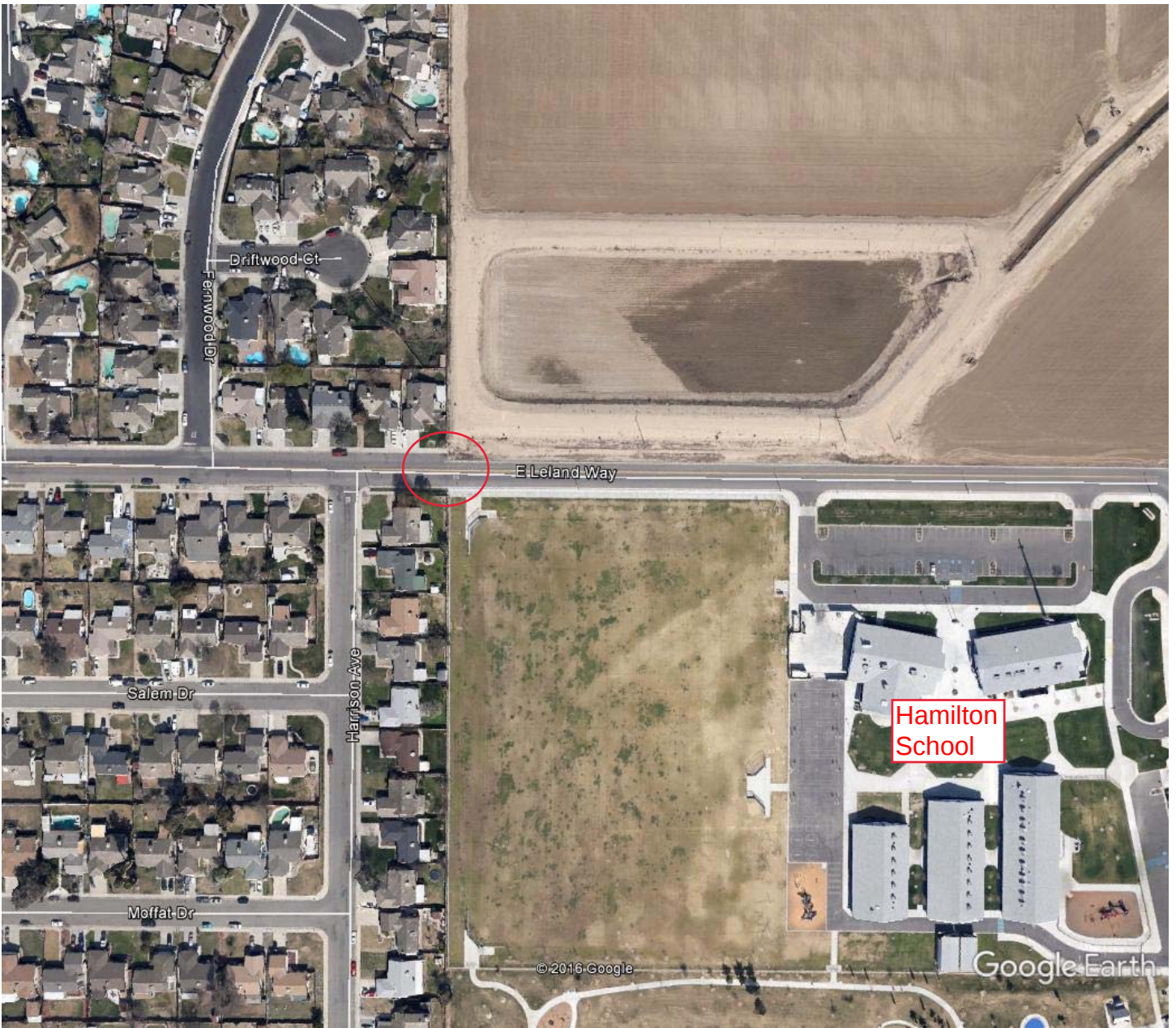
Leland-Hamilton WB speed

Leland-Hamilton EB gap

Leland-Hamilton WB gap

ped count

crosswalk warrant



Google Earth



Attachment: aerial Leland (1940 : Leland crosswalk)

CITY OF HANFORD

Public Works - Engineering

Location : Leland Way at Hamilton School
 Weather : Clear & Dry
 Operator : SPD

Station : 0
 Start Date : 03/07/17
 Day : Tuesday

Begin Time	NB	SB	EB	WB	Total
12:00 AM			7	15	22
1:00			4	3	7
2:00			1	1	2
3:00			1	5	6
4:00			4	3	7
5:00			13	4	17
6:00			20	8	28
7:00			49	18	67
8:00			191	89	280
9:00			40	49	89
10:00			21	21	42
11:00			36	36	72
12:00 PM			32	42	74
1:00			47	50	97
2:00			41	46	87
3:00			116	124	240
4:00			55	101	156
5:00			72	107	179
6:00			71	110	181
7:00			51	73	124
8:00			36	59	95
9:00			23	37	60
10:00			24	28	52
11:00			10	16	26
Daily Totals	0	0	965	1,045	2,010
Split %	0.0	0.0	48.0	52.0	

AM Peak
 Volume 8:00 am
 280

PM Peak
 Volume 3:00 pm
 240

Attachment: Leland traffic volume (1940 : Leland crosswalk)

City of Hanford900 S. 10th Avenue
Hanford, CA 93230Site Code: LELAND EB
Leland Ave. at Hamilton School
Date Start: 07-Mar-17

Start Time	Mon 06-Mar-17	Tue	Wed	Thu	Fri	Average Day	Sat	Sun	Week Average
12:00 AM	*	*	7	*	*	7	*	*	7
01:00	*	*	4	*	*	4	*	*	4
02:00	*	*	1	*	*	1	*	*	1
03:00	*	*	1	*	*	1	*	*	1
04:00	*	*	4	*	*	4	*	*	4
05:00	*	*	13	*	*	13	*	*	13
06:00	*	*	20	*	*	20	*	*	20
07:00	*	*	49	*	*	49	*	*	49
08:00	*	*	191	*	*	191	*	*	191
09:00	*	*	40	*	*	40	*	*	40
10:00	*	*	21	*	*	21	*	*	21
11:00	*	*	36	*	*	36	*	*	36
12:00 PM	*	32	*	*	*	32	*	*	32
01:00	*	47	*	*	*	47	*	*	47
02:00	*	41	*	*	*	41	*	*	41
03:00	*	116	*	*	*	116	*	*	116
04:00	*	55	*	*	*	55	*	*	55
05:00	*	72	*	*	*	72	*	*	72
06:00	*	71	*	*	*	71	*	*	71
07:00	*	51	*	*	*	51	*	*	51
08:00	*	36	*	*	*	36	*	*	36
09:00	*	23	*	*	*	23	*	*	23
10:00	*	24	*	*	*	24	*	*	24
11:00	*	10	*	*	*	10	*	*	10
Total	0	578	387	0	0	965	0	0	965
% Avg. WkDay	0.0%	59.9%	40.1%	0.0%	0.0%	100.0%			
% Avg. Week	0.0%	59.9%	40.1%	0.0%	0.0%	100.0%	0.0%	0.0%	
AM Peak	-	-	08:00	-	-	08:00	-	-	08:00
Vol.	-	-	191	-	-	191	-	-	191
PM Peak	-	15:00	-	-	-	15:00	-	-	15:00
Vol.	-	116	-	-	-	116	-	-	116
Total	0	578	387	0	0	965	0	0	965
ADT	ADT 965		AADT 965						

Attachment: Leland-Hamilton EB (1940 : Leland crosswalk)

City of Hanford900 S. 10th Avenue
Hanford, CA 93230Site Code: LELAND WB
Leland Ave. at Hamilton School
Date Start: 07-Mar-17

Start Time	Mon 06-Mar-17	Tue	Wed	Thu	Fri	Average Day	Sat	Sun	Week Average
12:00 AM	*	*	15	*	*	15	*	*	15
01:00	*	*	3	*	*	3	*	*	3
02:00	*	*	1	*	*	1	*	*	1
03:00	*	*	5	*	*	5	*	*	5
04:00	*	*	3	*	*	3	*	*	3
05:00	*	*	4	*	*	4	*	*	4
06:00	*	*	8	*	*	8	*	*	8
07:00	*	*	18	*	*	18	*	*	18
08:00	*	*	89	*	*	89	*	*	89
09:00	*	*	49	*	*	49	*	*	49
10:00	*	*	21	*	*	21	*	*	21
11:00	*	*	36	*	*	36	*	*	36
12:00 PM	*	42	*	*	*	42	*	*	42
01:00	*	50	*	*	*	50	*	*	50
02:00	*	46	*	*	*	46	*	*	46
03:00	*	124	*	*	*	124	*	*	124
04:00	*	101	*	*	*	101	*	*	101
05:00	*	107	*	*	*	107	*	*	107
06:00	*	110	*	*	*	110	*	*	110
07:00	*	73	*	*	*	73	*	*	73
08:00	*	59	*	*	*	59	*	*	59
09:00	*	37	*	*	*	37	*	*	37
10:00	*	28	*	*	*	28	*	*	28
11:00	*	16	*	*	*	16	*	*	16
Total	0	793	252	0	0	1045	0	0	1045
% Avg. WkDay	0.0%	75.9%	24.1%	0.0%	0.0%	100.0%			
% Avg. Week	0.0%	75.9%	24.1%	0.0%	0.0%	100.0%	0.0%	0.0%	
AM Peak	-	-	08:00	-	-	08:00	-	-	08:00
Vol.	-	-	89	-	-	89	-	-	89
PM Peak	-	15:00	-	-	-	15:00	-	-	15:00
Vol.	-	124	-	-	-	124	-	-	124
Total	0	793	252	0	0	1045	0	0	1045
ADT	ADT 1,045		AADT 1,045						

Attachment: Leland-Hamilton WB (1940 : Leland crosswalk)

City of Hanford900 S. 10th Avenue
Hanford, CA 93230Site Code: LELAND EB
Leland Ave. at Hamilton School
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	0	0	7	9	7	6	2	1	0	0	0	0	0	0	32	38	43
13:00	1	1	10	8	14	8	4	0	1	0	0	0	0	0	47	38	43
14:00	2	0	10	14	6	4	5	0	0	0	0	0	0	0	41	38	42
15:00	1	13	38	33	28	3	0	0	0	0	0	0	0	0	116	32	34
16:00	1	6	7	18	15	4	4	0	0	0	0	0	0	0	55	34	41
17:00	2	3	10	21	15	16	3	2	0	0	0	0	0	0	72	38	42
18:00	0	3	12	21	22	12	0	0	1	0	0	0	0	0	71	35	38
19:00	1	3	9	16	14	6	2	0	0	0	0	0	0	0	51	35	39
20:00	0	1	4	13	11	7	0	0	0	0	0	0	0	0	36	36	38
21:00	0	2	3	10	4	2	1	0	1	0	0	0	0	0	23	36	44
22:00	0	1	3	7	9	4	0	0	0	0	0	0	0	0	24	35	38
23:00	1	0	4	0	4	0	0	1	0	0	0	0	0	0	10	34	47
Total	9	33	117	170	149	72	21	4	3	0	0	0	0	0	578		
Percent	1.6%	5.7%	20.2%	29.4%	25.8%	12.5%	3.6%	0.7%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.																	
PM Peak Vol.	14:00 2	15:00 13	15:00 38	15:00 33	15:00 28	17:00 16	14:00 5	17:00 2	13:00 1						15:00 116		

Attachment: Leland-Hamilton EB speed (1940 : Leland crosswalk)

City of Hanford

900 S. 10th Avenue
Hanford, CA 93230

Site Code: LELAND EB
Leland Ave. at Hamilton School
Date Start: 07-Mar-17

Direction 1																	
Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	85th Percent	95th Percent
03/08/17	2	0	0	3	2	0	0	0	0	0	0	0	0	0	7	32	34
01:00	0	1	1	0	1	1	0	0	0	0	0	0	0	0	4	37	39
02:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	39	39
03:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	39	39
04:00	0	0	1	0	2	0	1	0	0	0	0	0	0	0	4	42	44
05:00	1	0	4	2	1	3	1	0	1	0	0	0	0	0	13	40	51
06:00	0	0	3	2	6	3	3	2	1	0	0	0	0	0	20	45	50
07:00	0	3	7	15	8	11	3	1	1	0	0	0	0	0	49	38	44
08:00	3	11	35	51	59	25	6	1	0	0	0	0	0	0	191	35	39
09:00	1	1	8	8	11	9	2	0	0	0	0	0	0	0	40	37	40
10:00	0	3	4	7	4	2	1	0	0	0	0	0	0	0	21	34	39
11:00	2	1	9	8	6	8	1	1	0	0	0	0	0	0	36	37	41
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	20	72	96	100	64	18	5	3	0	0	0	0	0	387		
Percent	2.3%	5.2%	18.6%	24.8%	25.8%	16.5%	4.7%	1.3%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	08:00	08:00	08:00	08:00	08:00	08:00	06:00	05:00						08:00		
Vol.	3	11	35	51	59	25	6	2	1						191		
PM Peak																	
Vol.																	
Total	18	53	189	266	249	136	39	9	6	0	0	0	0	0	965		
Percent	1.9%	5.5%	19.6%	27.6%	25.8%	14.1%	4.0%	0.9%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%			
			15th Percentile :		21 MPH												
			50th Percentile :		29 MPH												
			85th Percentile :		36 MPH												
			95th Percentile :		40 MPH												
Stats		10 MPH Pace Speed :		26-35 MPH													
		Number in Pace :		515													
		Percent in Pace :		53.4%													
		Number of Vehicles > 35 MPH :		190													
		Percent of Vehicles > 35 MPH :		19.7%													
		Mean Speed(Average) :		30 MPH													

Attachment: Leland-Hamilton EB speed (1940 : Leland crosswalk)

City of Hanford900 S. 10th Avenue
Hanford, CA 93230Site Code: LELAND WB
Leland Ave. at Hamilton School
Date Start: 07-Mar-17

Direction 1

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	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	0	0	6	17	12	4	3	0	0	0	0	0	0	0	42	35	41
13:00	0	0	7	20	13	8	2	0	0	0	0	0	0	0	50	36	39
14:00	0	0	3	21	18	3	1	0	0	0	0	0	0	0	46	34	37
15:00	1	4	25	49	33	10	2	0	0	0	0	0	0	0	124	34	37
16:00	3	1	10	28	42	13	4	0	0	0	0	0	0	0	101	35	39
17:00	0	4	7	34	39	21	1	1	0	0	0	0	0	0	107	36	39
18:00	3	3	11	32	34	21	6	0	0	0	0	0	0	0	110	37	40
19:00	0	2	3	13	37	16	2	0	0	0	0	0	0	0	73	37	39
20:00	0	1	7	12	26	12	1	0	0	0	0	0	0	0	59	36	39
21:00	0	3	2	11	16	5	0	0	0	0	0	0	0	0	37	34	38
22:00	0	0	1	6	15	5	0	1	0	0	0	0	0	0	28	36	39
23:00	0	0	1	2	7	6	0	0	0	0	0	0	0	0	16	38	39
Total	7	18	83	245	292	124	22	2	0	0	0	0	0	0	793		
Percent	0.9%	2.3%	10.5%	30.9%	36.8%	15.6%	2.8%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.																	
PM Peak Vol.	16:00 3	15:00 4	15:00 25	15:00 49	16:00 42	17:00 21	18:00 6	17:00 1							15:00 124		

Attachment: Leland-Hamilton WB speed (1940 : Leland crosswalk)

City of Hanford900 S. 10th Avenue
Hanford, CA 93230Site Code: LELAND WB
Leland Ave. at Hamilton School
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
03/08/17	1	1	2	4	2	4	1	0	0	0	0	0	0	0	15	38	41
01:00	0	0	1	0	1	0	1	0	0	0	0	0	0	0	3	42	44
02:00	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	34	34
03:00	0	0	1	0	0	4	0	0	0	0	0	0	0	0	5	39	39
04:00	0	0	1	0	0	1	0	1	0	0	0	0	0	0	3	47	49
05:00	0	1	0	1	0	1	1	0	0	0	0	0	0	0	4	42	44
06:00	0	0	1	3	3	0	0	1	0	0	0	0	0	0	8	34	47
07:00	0	0	0	2	9	3	3	0	1	0	0	0	0	0	18	42	50
08:00	1	0	4	22	37	21	4	0	0	0	0	0	0	0	89	37	39
09:00	4	0	5	14	15	10	1	0	0	0	0	0	0	0	49	36	39
10:00	0	0	3	4	10	3	1	0	0	0	0	0	0	0	21	36	39
11:00	5	1	5	14	9	2	0	0	0	0	0	0	0	0	36	33	35
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	11	3	23	64	87	49	12	2	1	0	0	0	0	0	252		
Percent	4.4%	1.2%	9.1%	25.4%	34.5%	19.4%	4.8%	0.8%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	00:00	09:00	08:00	08:00	08:00	08:00	04:00	07:00						08:00		
Vol.	5	1	5	22	37	21	4	1	1						89		
PM Peak																	
Vol.																	
Total	18	21	106	309	379	173	34	4	1	0	0	0	0	0	1045		
Percent	1.7%	2.0%	10.1%	29.6%	36.3%	16.6%	3.3%	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile : 25 MPH
50th Percentile : 30 MPH
85th Percentile : 36 MPH
95th Percentile : 39 MPH

Stats
10 MPH Pace Speed : 26-35 MPH
Number in Pace : 688
Percent in Pace : 65.8%
Number of Vehicles > 35 MPH : 212
Percent of Vehicles > 35 MPH : 20.3%
Mean Speed(Average) : 31 MPH

Attachment: Leland-Hamilton WB speed (1940 : Leland crosswalk)

City of Hanford900 S. 10th Avenue
Hanford, CA 93230Site Code: LELAND EB
Leland Ave. at Hamilton School
Date Start: 07-Mar-17

Direction 1

Start Time	1 4	5 6	7 8	9 10	11 12	13 14	15 16	17 18	19 20	21 22	23 24	25 26	27 28	29 999
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	2	1	0	0	0	0	0	1	0	0	0	3	0	25
13:00	3	2	3	0	1	1	1	1	0	0	3	0	1	31
14:00	1	1	0	1	0	2	0	1	0	1	1	1	0	32
15:00	9	8	8	2	7	7	8	6	7	6	2	2	2	42
16:00	3	4	1	0	0	1	2	0	2	1	0	3	0	38
17:00	5	6	5	4	3	2	2	0	5	1	2	3	1	33
18:00	5	1	3	4	0	0	2	1	2	8	1	0	2	42
19:00	3	1	1	0	0	0	0	2	2	2	3	1	3	33
20:00	2	1	1	0	0	2	0	0	0	1	1	1	1	26
21:00	0	0	1	0	0	1	1	2	0	0	0	2	1	15
22:00	1	1	0	0	0	0	1	0	0	0	0	0	0	21
23:00	2	0	0	0	0	0	0	0	0	0	0	0	0	8
Total	36	26	23	11	11	16	17	14	18	20	13	16	11	346

Attachment: Leland-Hamilton EB gap (1940 : Leland crosswalk)

City of Hanford900 S. 10th Avenue
Hanford, CA 93230Site Code: LELAND EB
Leland Ave. at Hamilton School
Date Start: 07-Mar-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
03/08/17	1	0	0	0	0	0	0	0	0	0	0	0	0	6
01:00	0	0	1	0	0	0	0	0	0	0	0	0	0	3
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	4
05:00	0	0	0	0	0	0	0	0	0	0	0	1	0	12
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	20
07:00	3	2	3	2	0	0	3	0	1	1	1	0	0	33
08:00	42	22	17	14	16	6	9	4	6	10	5	5	2	33
09:00	3	0	2	2	0	2	0	0	0	1	2	0	0	28
10:00	2	0	0	0	0	0	0	0	0	1	0	0	0	18
11:00	2	1	1	3	0	1	0	0	0	1	0	0	0	27
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	53	25	24	21	16	9	12	4	7	14	8	6	2	186
Grand Total	89	51	47	32	27	25	29	18	25	34	21	22	13	532

Attachment: Leland-Hamilton EB gap (1940 : Leland crosswalk)

City of Hanford900 S. 10th Avenue
Hanford, CA 93230Site Code: LELAND WB
Leland Ave. at Hamilton School
Date Start: 07-Mar-17

Direction 1

Start Time	1 4	5 6	7 8	9 10	11 12	13 14	15 16	17 18	19 20	21 22	23 24	25 26	27 28	29 999
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	4	3	1	1	1	2	1	0	1	2	1	1	0	24
13:00	1	1	0	0	1	1	1	1	0	5	0	1	2	36
14:00	5	0	1	0	0	3	2	0	1	0	1	0	2	31
15:00	26	11	6	8	9	8	5	4	4	2	2	1	1	37
16:00	12	5	6	5	5	6	6	1	3	5	0	3	1	43
17:00	19	4	7	5	3	1	8	5	1	1	2	1	2	48
18:00	13	6	8	5	3	2	5	4	3	2	5	4	3	47
19:00	11	5	3	3	1	2	0	0	2	3	1	1	1	40
20:00	5	0	4	0	1	2	1	1	0	1	2	4	2	36
21:00	5	0	0	0	2	0	2	0	0	1	0	0	1	26
22:00	0	1	0	0	0	0	0	0	1	0	0	0	0	26
23:00	3	0	1	0	0	1	0	0	0	0	0	0	0	11
Total	104	36	37	27	26	28	31	16	16	22	14	16	15	405

Attachment: Leland-Hamilton WB gap (1940 : Leland crosswalk)

City of Hanford900 S. 10th Avenue
Hanford, CA 93230Site Code: LELAND WB
Leland Ave. at Hamilton School
Date Start: 07-Mar-17

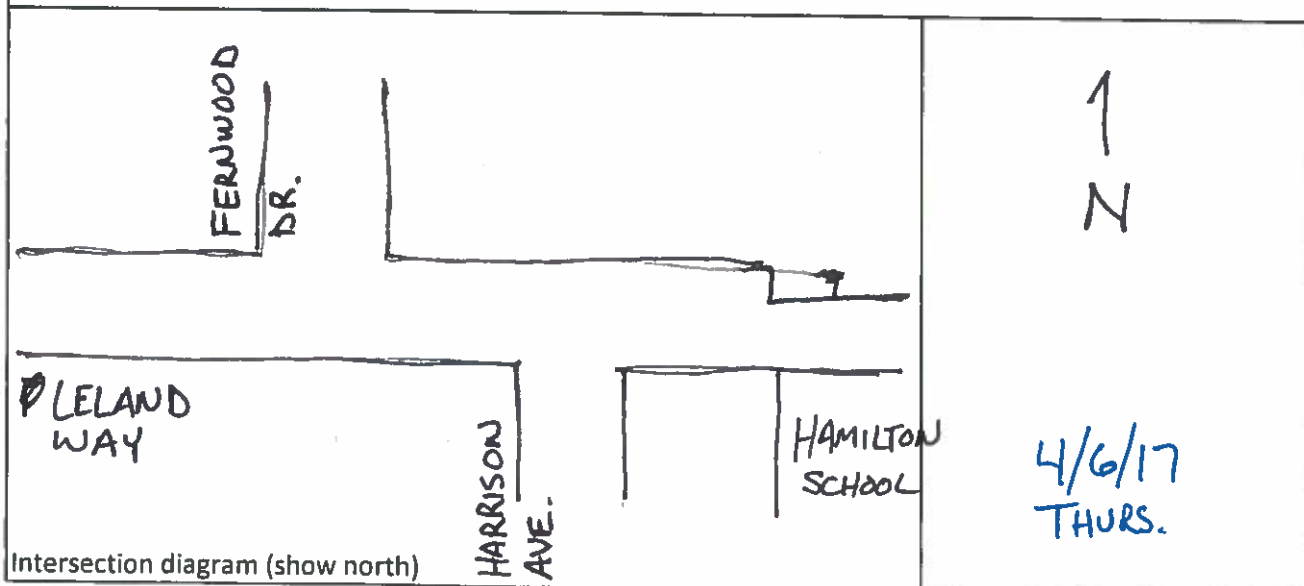
Direction 1														
Start Time	1	5	7	9	11	13	15	17	19	21	23	25	27	29
	4	6	8	10	12	14	16	18	20	22	24	26	28	999
03/08/17	1	0	0	0	0	0	0	1	0	0	0	0	0	13
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	3
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	5
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	3
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	4
06:00	1	0	0	0	0	0	0	0	0	0	0	0	0	7
07:00	0	0	0	0	0	0	1	0	0	0	0	0	1	16
08:00	17	2	8	4	1	2	2	2	2	5	3	0	3	38
09:00	6	5	2	2	1	0	1	0	1	0	1	1	2	27
10:00	0	0	0	0	0	0	0	0	0	1	0	0	0	20
11:00	5	1	1	0	0	0	1	0	0	1	0	0	1	26
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	30	8	11	6	2	2	5	3	3	7	4	1	7	163
Grand Total	134	44	48	33	28	30	36	19	19	29	18	17	22	568

Attachment: Leland-Hamilton WB gap (1940 : Leland crosswalk)

Weather PARTLY CLOUDYTime Interval (2 hours) 7-9 AMLocation LELAND AVE AT HAMILTON SCHOOL

Time (15 minute interval)	Children (thru middle school)	High School & Adults	Seniors (64+)	Disabled	Total Counts
7:15					
7:30	SSSEE	EW			
7:45	S				
8:00	EE				
8:15					
8:30					
8:45		E			
9:00					
	4 (x1.5)= 6		(x1.5)=	(x1.5)=	

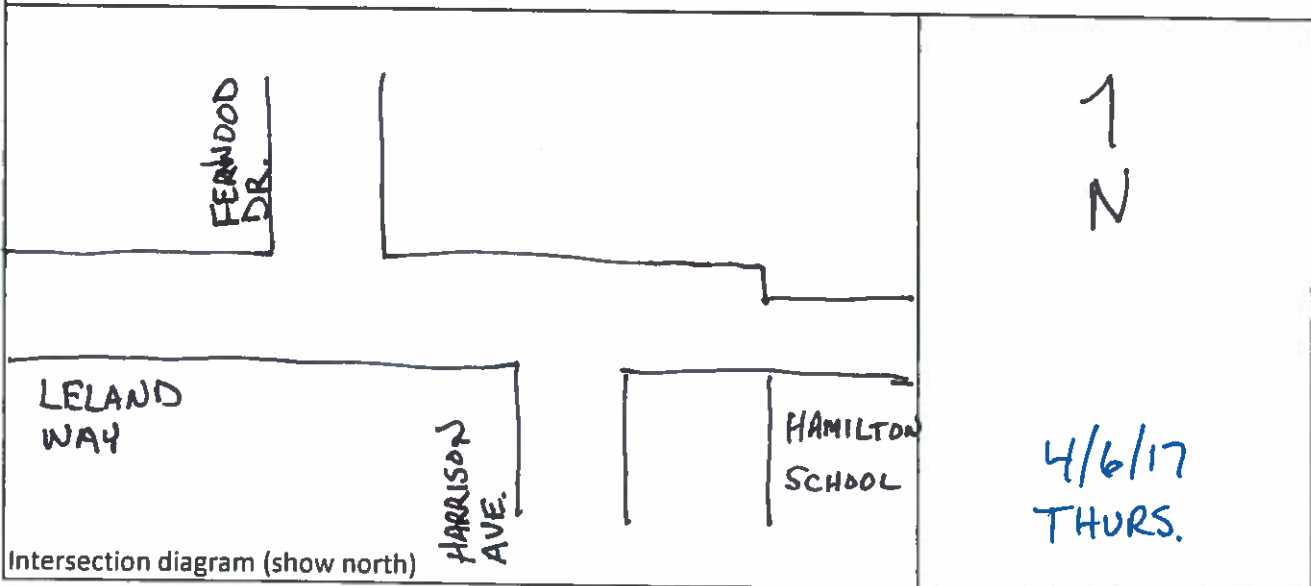
- count and designate which leg of the intersection is being crossed in the boxes above with a N, S, E, or W
- draw and label intersection below



Weather PARTLY CLOUDY Time Interval (2 hours) 2-4 PM
 Location LELAND WAY AT HAMILTON SCHOOL

Time (15 minute interval)	Children (thru middle school)	High School & Adults	Seniors (64+)	Disabled	Total Counts
2:15					
2:30					
2:45					
3:00	WWNNN				
3:15	WW	E			
3:30	NNNWWWWNN	W			
3:45	NS				
4:00					
	9 (x1.5)= 13.5		(x1.5)=	(x1.5)=	

- 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



LOCATION: Leland Way at Hamilton SchoolWARRANTS 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 WarrantsSATISFIEDPedestrian Volume Warrant

Yes No

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.

☐☒Approach Speed Warrant**Is the 85 percentile less than 45 mph?**

Crosswalks will not be installed on roadways where the 85th 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 WarrantCriterion
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
Pedestrians0 pts.

General Conditions Warrant

	Points	
(a) Will clarify and define pedestrian routes across a complex Intersection.	2 ☒	
(b) Will channelize pedestrians into a significantly shorter path.	2 ☒	
(c) Will position pedestrians to be seen better by motorists.	2 ☐	
(d) Will position pedestrians to expose them to fewer vehicles.	2 ☐	
(e) Is located within the Central Business District.	2 ☐	
(f) Is <u>adjacent</u> to a pedestrian generating facility (i.e. school, park, shopping district, etc.)	4 ☒	
Maximum	10	8 pts.

Gap Time Warrant

Criterion	Point Assignment	
	Average number of gaps 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 ☐
	1 – 1.99	8 ☐
	2 – 2.99	6 ☐
	3 – 3.99	4 ☐
	4 – 4.99	2 ☒
	5 or over	0 ☐
Maximum	10	2 pts.

Computations:

$$(1) \text{ Pedestrian crossing time} = \frac{\text{Street width curb to curb}}{4.0 \text{ feet per second}} = \frac{46}{4} = 11.5 \text{ sec}$$

$$(2) \text{ Average number of gaps per five-minute period} = \frac{\text{Total gaps/hr} > \text{required PCT}}{12} = \frac{58}{12} = 4.8$$

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.

10 pts. TOTAL



**AGENDA
STAFF REPORT**

MEETING DATE: 4/27/2017	AGENDA SECTION:
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SUBJECT:
City Council Actions

FISCAL IMPACT:

ATTACHMENTS:

CITY COUNCIL ACTIONS

Meeting of March 21, 2017

- 1) Waive second reading and adopt Ordinance 17-03 amending section 10.32.020 of the Hanford Municipal Code to add 12th Ave. and Flint Ave. as an All-way Stop.

Meeting of April 4, 2017

None to report.

Special Meeting April 18, 2017

None to report.

Meeting of March 18, 2017

- 1) Permission to advertise for bids, FY 16/17 Manhole Repair Project.



AGENDA STAFF REPORT

MEETING DATE: 4/27/2017	AGENDA SECTION: 5
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SUBJECT:
Staff Communications

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1. Lacey Blvd in front of Costco. The old Lacey Blvd. alignment at SR43 goes through the new Costco parking lot. The old road right of way needs to be abandoned. The item will go before the Planning Commission and the City Council to follow our standard abandonment procedures. There will be an easement for utilities which will remain.
 2. Projects:
 - a. Redington at Fourth Signal (Caltrans) - Construct this summer
 - b. CIR project (11th, 12th, Lacey) - 11th Avenue was put on hold due to weather, and will restart on May 1, 2017
 - c. Sixth at Douty Parking Lot - expect to start in May.
 - d. Cape, Slurry, and Fiberized Pavement rehabilitation. Project to start in June.

FISCAL IMPACT:

ATTACHMENTS: