

AGENDA

PARKING AND TRAFFIC COMMISSION

of the

CITY OF HANFORD

COUNCIL CHAMBERS
400 N. Douty St.
5:30 PM, Thursday, October 24, 2019

CALL TO ORDER

ROLL CALL

FLAG SALUTE

MINUTES APPROVAL

- 1. Approve Minutes from June 27, 2019 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 **three minutes** is allowed for each speaker. Please begin your comments by stating your name and providing your city of residence.*

STAFF REPORTS

- 2. Intersection Study - Leland Way at Fairmont Drive**

STAFF COMMUNICATION

- 3. 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. 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: 10/24/2019

AGENDA SECTION: 1

SUBJECT:

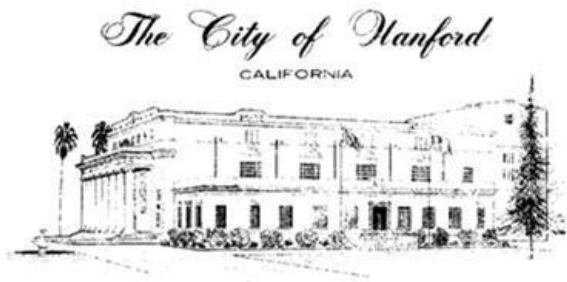
Approve Minutes from June 27, 2019 Parking & Traffic Commission Meeting

FISCAL IMPACT:

Insert Fiscal Impact Here or Erase Completely

ATTACHMENTS:

6.27.19 minutes



MINUTES
PARKING AND TRAFFIC COMMISSION
of the
CITY OF HANFORD

COUNCIL CHAMBERS
400 N. Douty St.
5:30 PM, Thursday, June 27, 2019

CALL TO ORDER

ROLL CALL

Attendee Name	Title	Status	Arrived
Dennis Ham		Present	
James MacLellan		Present	
Alex Dwiggins		Present	
Roger Snow		Present	

Also present:

Richard Rose, Director of Maintenance, Operations and Transportation for Pioneer Union Elementary School District

FLAG SALUTE

Chairman DWIGGINS led the flag salute.

MINUTES APPROVAL

1. Approve Minutes from May, 23 2019 Parking & Traffic Commission Meeting.

Motion made to accept the minutes.

RESULT:	APPROVED [3 TO 0]
MOVER:	Dennis Ham
SECONDER:	James MacLellan
AYES:	Ham, MacLellan, Dwiggins
ABSTAIN:	Snow

PUBLIC COMMENT

Attachment: 6.27.19 minutes (6.27.19 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.*

None to report

STAFF REPORTS

2. Suggested Routes to School - Pioneer Union Elementary School District

Staff presented the Suggested Routes to School for Pioneer Union Elementary School. Richard Rose, Director of Maintenance, Operations and Transportation for Pioneer Union Elementary School District spoke to Commissioners and answered questions from Commissioners. Motion made to accept staffs recommendation to the City Council to accept the Suggested Routes to School plans for Pioneer Union Elementary School District for the upcoming 2019-2020 school year.

RESULT:	APPROVED [UNANIMOUS]
MOVER:	James MacLellan
SECONDER:	Dennis Ham
AYES:	Ham, MacLellan, Dwiggins, Snow

STAFF COMMUNICATION

3. City Council Actions

Staff commented briefly on Council Actions. Staff also commented on upcoming CIP projects.

COMMISSIONERS ITEMS OF INTEREST

None to report

ADJOURNMENT

Chairman DWIGGINS motioned to adjourn at 5:46 pm.

Attachment: 6.27.19 minutes (6.27.19 minutes)



AGENDA STAFF REPORT

MEETING DATE: 10/24/2019	AGENDA SECTION: 2
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SUBJECT:

Intersection Study - Leland Way at Fairmont Drive

RECOMMENDATION

That no changes be made to the intersection of Leland Way at Fairmont Drive.

DISCUSSION

Staff received a request to conduct a traffic study at the intersection of Leland Way and Fairmont Drive. The request came from Gerry Mulligan, Director, Facilities & Operations with Hanford Elementary School District. The request came after a recent accident where a vehicle had struck a mother and a student while crossing in the crosswalk. To address this concern, staff conducted an intersection study of the location.

Leland Way and Fairmont Drive are both two lane residential streets. The curb to curb widths on all four legs is 40'. This width is adequate for a single lane in each direction with room for street parking. The speed limit on Leland Way is 30 MPH and the speed limit on Fairmont Drive is prima facie 25 MPH. There is currently a two-way stop sign on Fairmont Drive with Leland Way having the thru movement. The entering volume summary shows the majority of the traffic is on Leland Way. (2,279-Leland Way and 1,196-Fairmont Drive). In the last three years, there have been 3 accidents at this intersection.

The crosswalk is on Leland Way and crosses north/south bound. The crosswalk is currently a high visibility crosswalk with longitudinal striping in the crosswalk and is properly signed. The nearest crosswalks are 560' to the west and 692' to the east.

The warrant for a multi-way stop sign was checked, and the intersection does not meet the warrants for a multi stop intersection. The intersection is currently posted as a two-way stop.

Staff recommends that no changes be made to the intersection of Leland Way at Fairmont Drive. Attached is an aerial photo of the area, Pedestrian counts, reported accident diagrams, entering Vehicle Volume summary and Warrant for All-Way Stop Sign.

Respectfully submitted,

Shawn Dailey
Secretary,
Engineering Technician, II

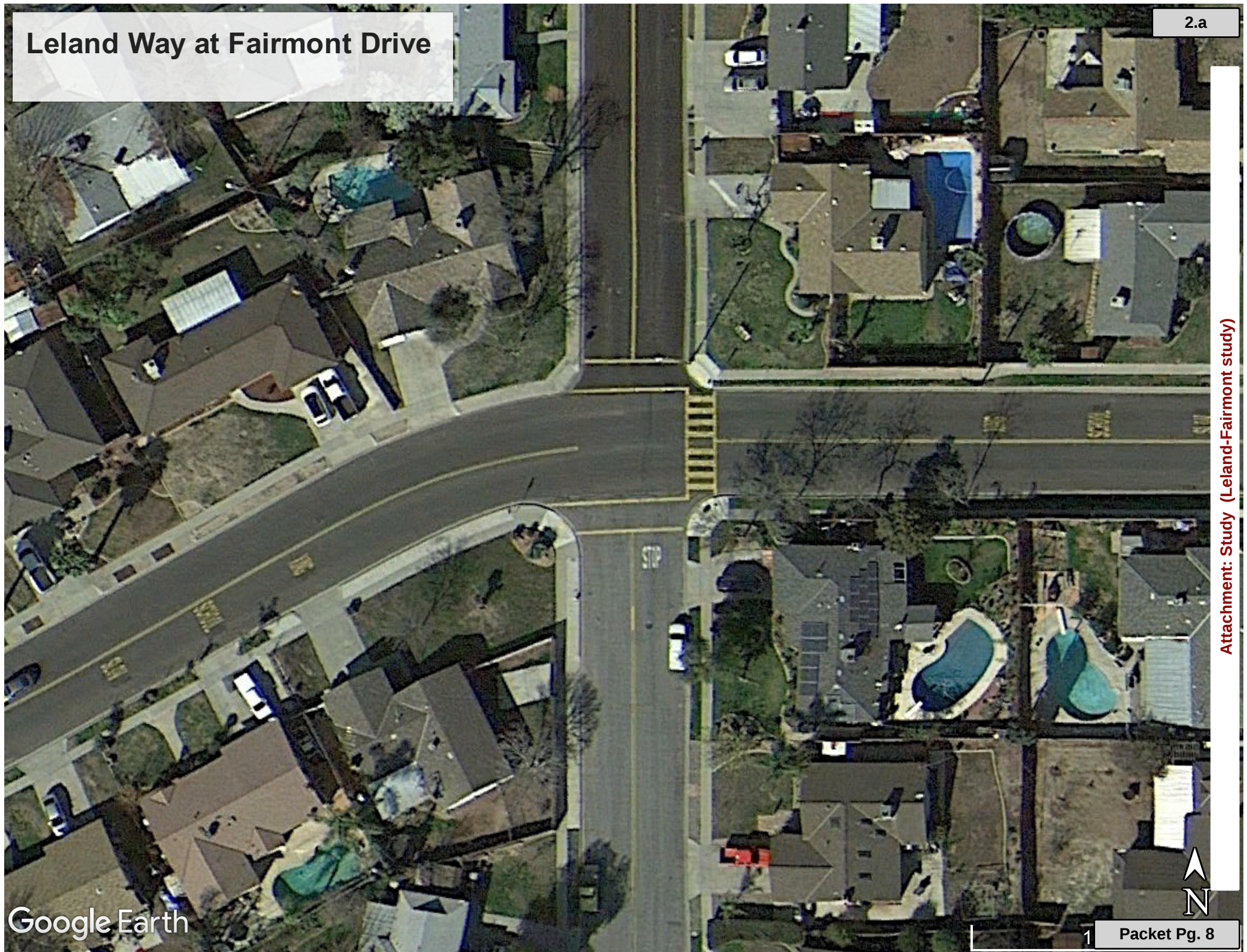
FISCAL IMPACT:

ATTACHMENTS:

Study

Leland Way at Fairmont Drive

2.a



Google Earth

Attachment: Study (Leland-Fairmont study)

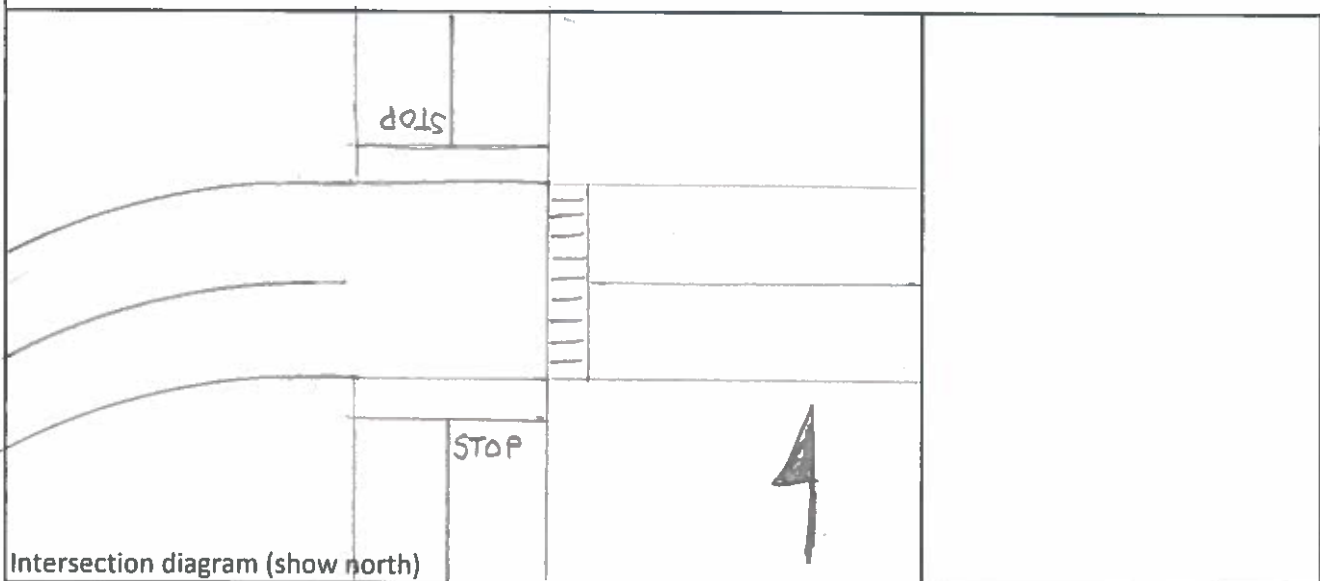


Date 10/1/19 Day TUESDAY
 Weather CLEAR & DRY Time Interval (2 hours) 6-8 AM
 Location LELAND WAY @ FAIRMONT DR.

Time (15 minute interval)	Children (thru middle school)	High School & Adults	Seniors (64+)	Disabled	Total Counts
6:00 - 6:15					
6:16 - 6:30					
6:31 - 6:45					
6:46 - 7:00		SW NW,			
7:01 - 7:15	NE, N				
7:16 - 7:30		S			
7:31 - 7:45					
7:46 - 8:00	NN	NW, NW			
	(x1.5)= 4.5	1	(x1.5)=	(x1.5)=	5.5

- 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

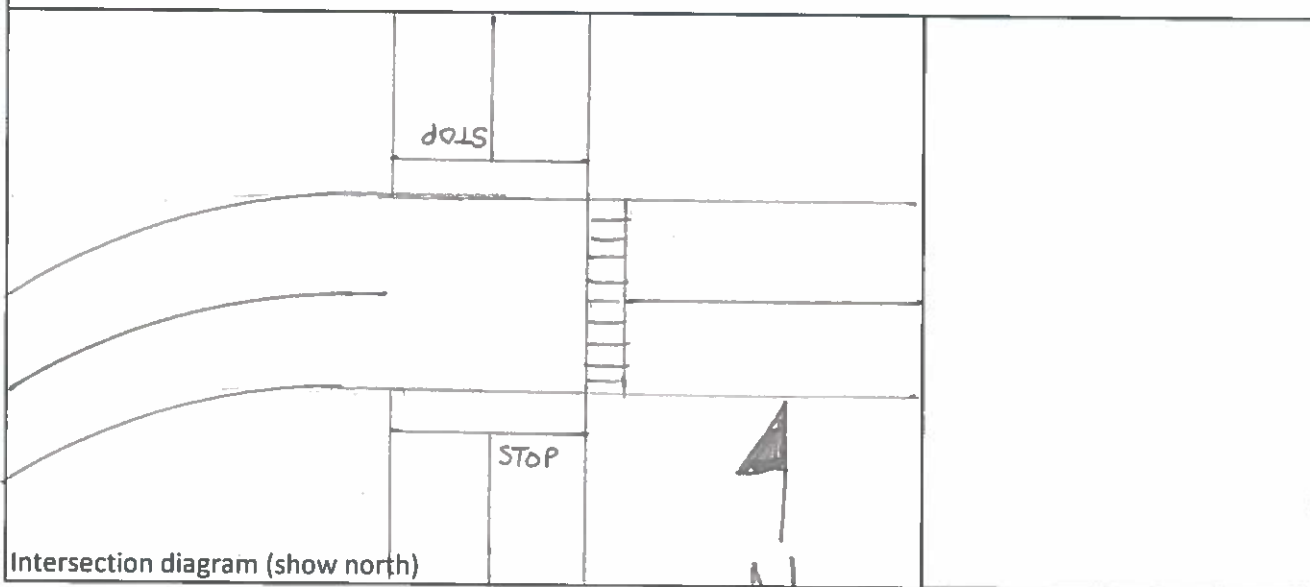


Date 10/1/19 Day TUESDAY
 Weather CLEAR & DRY Time Interval (2 hours) 1-3 PM
 Location LELAND WAY @ FAIRMONT DR.

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	N	NE, N, N			
2:01 - 2:15	S, S	S			
2:16 - 2:30	N,	N, N,			
2:31 - 2:45	S, S, S,	S, S,			
2:46 - 3:00	S, S, S	NE, S			
	(x1.5)= 16.5	8	(x1.5)=	(x1.5)=	24.5

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

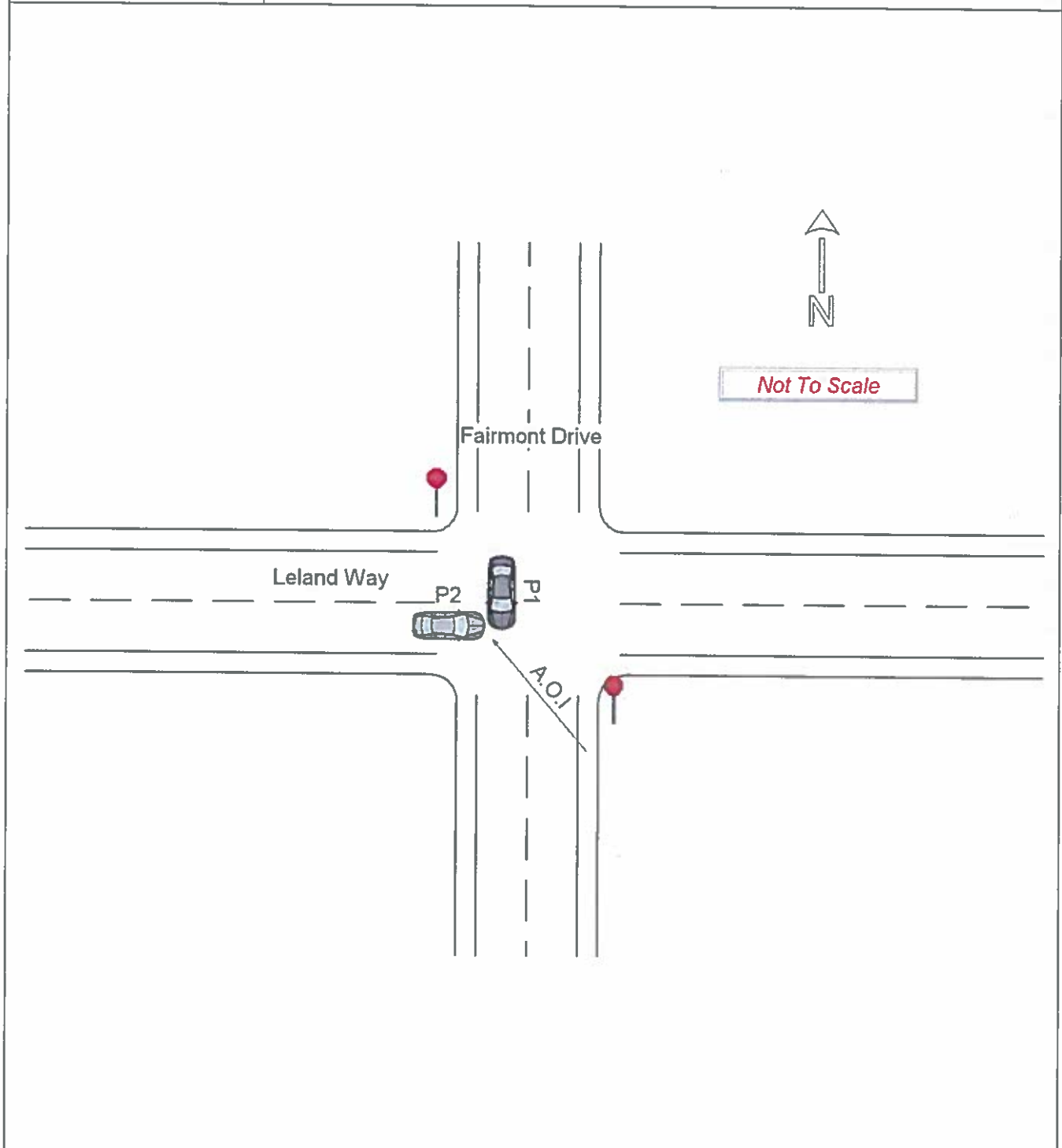
- draw and label intersection below



Case Number: 16-2898

Date: 5/26/2016

Location: East Leland Way/Fairmont Drive

Description:
Not drawn to scale by R.Dias #1473

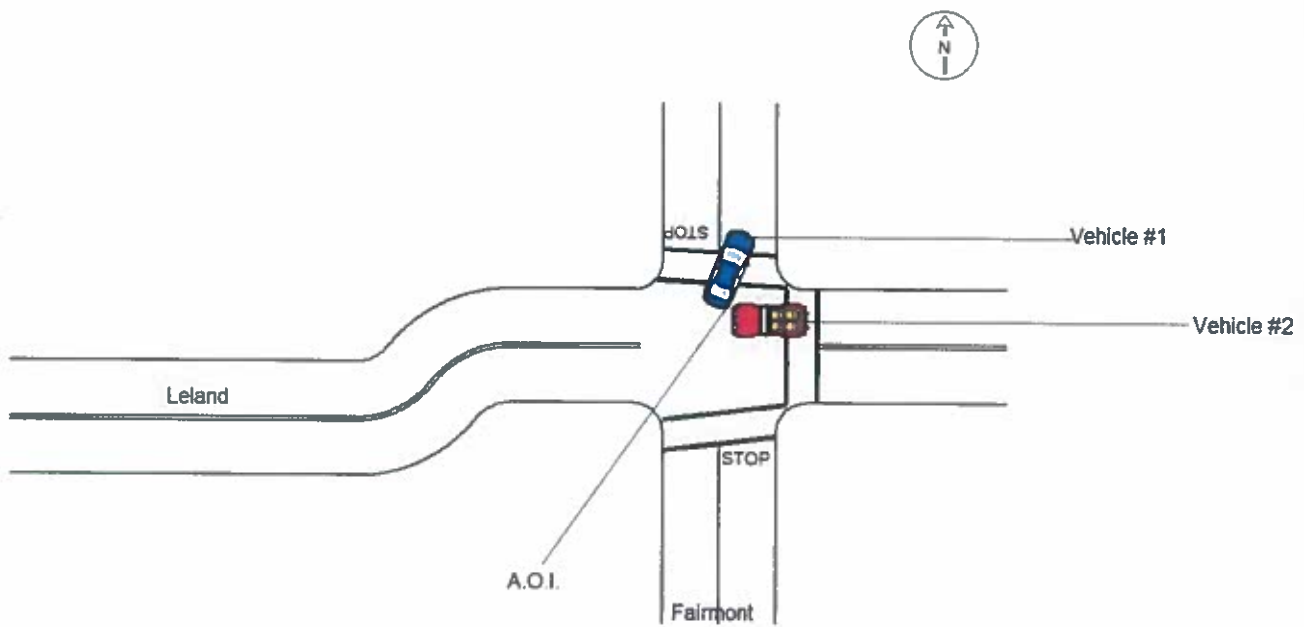
Attachment: Study (Leland-Fairmont study)

Case Number: 18-6556

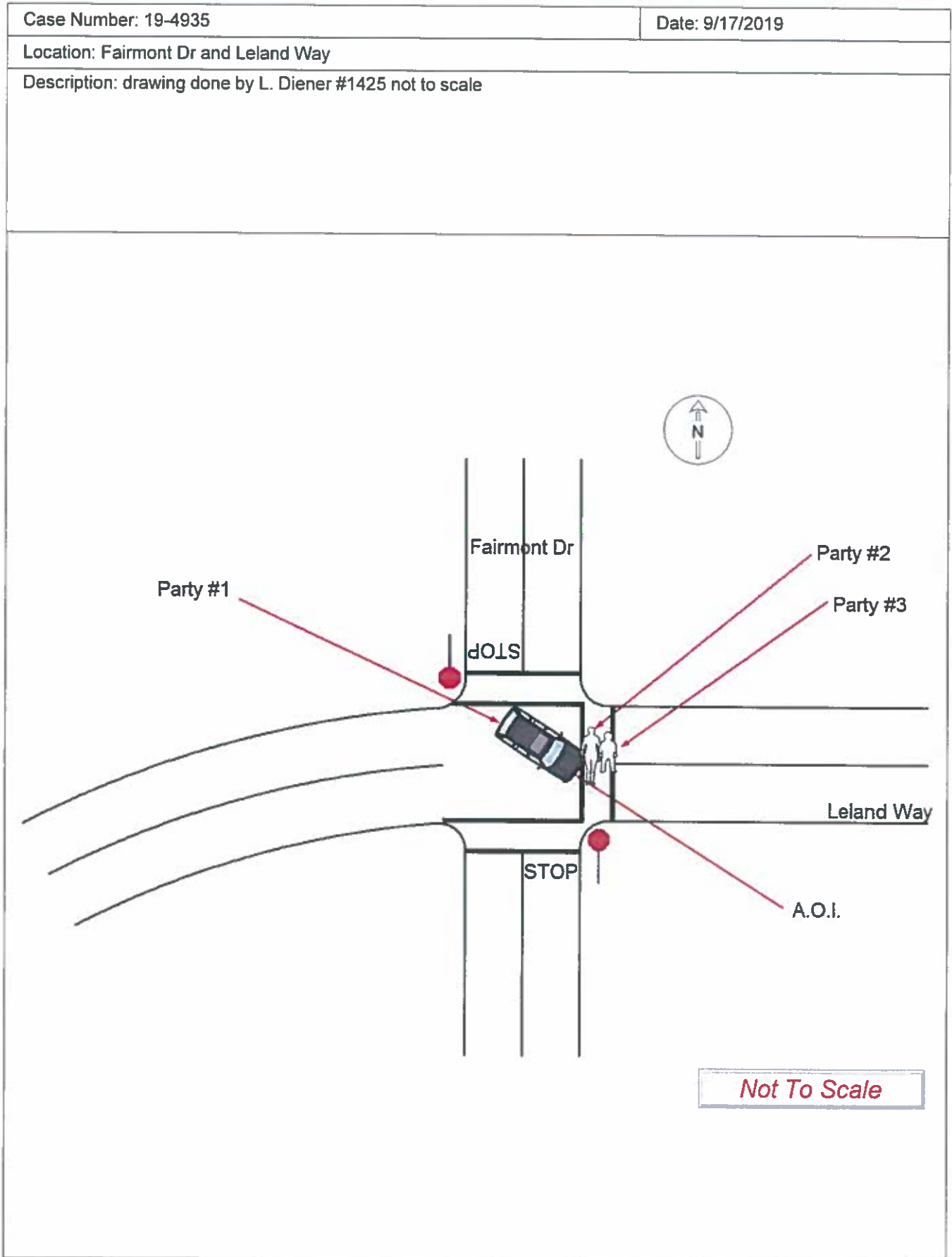
Date: 12/3/2018

Location: Leland and Fairmont

Description: Drawing done by L. Diener #1425 not to scale



Attachment: Study (Leland-Fairmont study)



Attachment: Study (Leland-Fairmont study)

City of Hanford

900 S. 10th Ave.
Hanford, CA 93230

Site Code: Leland EB
Leland Way at Fairmont Dr.
Date Start: 24-Sep-19

Start Time	Mon 23-Sep-19	Tue	Wed	Thu	Fri	Average Day	Sat	Sun	Week Average
12:00 AM	*	*	4	*	*	4	*	*	4
01:00	*	*	1	*	*	1	*	*	1
02:00	*	*	3	*	*	3	*	*	3
03:00	*	*	5	*	*	5	*	*	5
04:00	*	*	4	*	*	4	*	*	4
05:00	*	*	3	*	*	3	*	*	3
06:00	*	*	17	*	*	17	*	*	17
07:00	*	*	220	*	*	220	*	*	220
08:00	*	*	90	*	*	90	*	*	90
09:00	*	*	42	*	*	42	*	*	42
10:00	*	*	49	*	*	49	*	*	49
11:00	*	62	*	*	*	62	*	*	62
12:00 PM	*	66	*	*	*	66	*	*	66
01:00	*	78	*	*	*	78	*	*	78
02:00	*	136	*	*	*	136	*	*	136
03:00	*	100	*	*	*	100	*	*	100
04:00	*	89	*	*	*	89	*	*	89
05:00	*	122	*	*	*	122	*	*	122
06:00	*	76	*	*	*	76	*	*	76
07:00	*	58	*	*	*	58	*	*	58
08:00	*	41	*	*	*	41	*	*	41
09:00	*	13	*	*	*	13	*	*	13
10:00	*	18	*	*	*	18	*	*	18
11:00	*	8	*	*	*	8	*	*	8
Total	0	867	438	0	0	1305	0	0	1305
% Avg. WkDay	0.0%	66.4%	33.6%	0.0%	0.0%	100.0%			
% Avg. Week	0.0%	66.4%	33.6%	0.0%	0.0%	100.0%	0.0%	0.0%	
AM Peak	-	11:00	07:00	-	-	07:00	-	-	07:00
Vol.	-	62	220	-	-	220	-	-	220
PM Peak	-	14:00	-	-	-	14:00	-	-	14:00
Vol.	-	136	-	-	-	136	-	-	136
Total	0	867	438	0	0	1305	0	0	1305
ADT	ADT 1,305		AADT 1,305						

Attachment: Study (Leland-Fairmont study)

City of Hanford

900 S. 10th Ave.
Hanford, CA 93230

Site Code: Leland WB
Leland Way at Fairmont Dr.
Date Start: 24-Sep-19

Start Time	Mon 23-Sep-19	Tue	Wed	Thu	Fri	Average Day	Sat	Sun	Week Average
12:00 AM	*	*	5	*	*	5	*	*	5
01:00	*	*	1	*	*	1	*	*	1
02:00	*	*	2	*	*	2	*	*	2
03:00	*	*	3	*	*	3	*	*	3
04:00	*	*	7	*	*	7	*	*	7
05:00	*	*	15	*	*	15	*	*	15
06:00	*	*	30	*	*	30	*	*	30
07:00	*	*	161	*	*	161	*	*	161
08:00	*	*	73	*	*	73	*	*	73
09:00	*	*	29	*	*	29	*	*	29
10:00	*	*	37	*	*	37	*	*	37
11:00	*	35	*	*	*	35	*	*	35
12:00 PM	*	52	*	*	*	52	*	*	52
01:00	*	48	*	*	*	48	*	*	48
02:00	*	86	*	*	*	86	*	*	86
03:00	*	88	*	*	*	88	*	*	88
04:00	*	57	*	*	*	57	*	*	57
05:00	*	85	*	*	*	85	*	*	85
06:00	*	60	*	*	*	60	*	*	60
07:00	*	39	*	*	*	39	*	*	39
08:00	*	31	*	*	*	31	*	*	31
09:00	*	18	*	*	*	18	*	*	18
10:00	*	7	*	*	*	7	*	*	7
11:00	*	5	*	*	*	5	*	*	5
Total	0	611	363	0	0	974	0	0	974
% 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	-	11:00	07:00	-	-	07:00	-	-	07:00
Vol.	-	35	161	-	-	161	-	-	161
PM Peak	-	15:00	-	-	-	15:00	-	-	15:00
Vol.	-	88	-	-	-	88	-	-	88
Total	0	611	363	0	0	974	0	0	974
ADT	ADT 974		AADT 974						

Attachment: Study (Leland-Fairmont study)

City of Hanford

900 S. 10th Ave.
Hanford, CA 93230

Site Code: Fairmont NB
Fairmont Dr. at Leland Way
Date Start: 24-Sep-19

Start Time	Mon 23-Sep-19	Tue	Wed	Thu	Fri	Average Day	Sat	Sun	Week Average
12:00 AM	*	*	0	*	*	0	*	*	0
01:00	*	*	0	*	*	0	*	*	0
02:00	*	*	0	*	*	0	*	*	0
03:00	*	*	0	*	*	0	*	*	0
04:00	*	*	1	*	*	1	*	*	1
05:00	*	*	1	*	*	1	*	*	1
06:00	*	*	2	*	*	2	*	*	2
07:00	*	*	2	*	*	2	*	*	2
08:00	*	*	2	*	*	2	*	*	2
09:00	*	*	8	*	*	8	*	*	8
10:00	*	*	8	*	*	8	*	*	8
11:00	*	3	*	*	*	3	*	*	3
12:00 PM	*	5	*	*	*	5	*	*	5
01:00	*	10	*	*	*	10	*	*	10
02:00	*	9	*	*	*	9	*	*	9
03:00	*	4	*	*	*	4	*	*	4
04:00	*	5	*	*	*	5	*	*	5
05:00	*	8	*	*	*	8	*	*	8
06:00	*	6	*	*	*	6	*	*	6
07:00	*	5	*	*	*	5	*	*	5
08:00	*	7	*	*	*	7	*	*	7
09:00	*	0	*	*	*	0	*	*	0
10:00	*	1	*	*	*	1	*	*	1
11:00	*	0	*	*	*	0	*	*	0
Total	0	63	24	0	0	87	0	0	87
% Avg. WkDay	0.0%	72.4%	27.6%	0.0%	0.0%	100.0%			
% Avg. Week	0.0%	72.4%	27.6%	0.0%	0.0%	100.0%	0.0%	0.0%	
AM Peak	-	11:00	09:00	-	-	09:00	-	-	09:00
Vol.	-	3	8	-	-	8	-	-	8
PM Peak	-	13:00	-	-	-	13:00	-	-	13:00
Vol.	-	10	-	-	-	10	-	-	10
Total	0	63	24	0	0	87	0	0	87
ADT	ADT 87		AADT 87						

Attachment: Study (Leland-Fairmont study)

City of Hanford

900 S. 10th Ave.
Hanford, CA 93230

Site Code: FAIRMONT SB
Fairmont Dr. at Leland Way
Date Start: 24-Sep-19

Start Time	Mon 23-Sep-19	Tue	Wed	Thu	Fri	Average Day	Sat	Sun	Week Average
12:00 AM	*	*	2	*	*	2	*	*	2
01:00	*	*	0	*	*	0	*	*	0
02:00	*	*	0	*	*	0	*	*	0
03:00	*	*	3	*	*	3	*	*	3
04:00	*	*	2	*	*	2	*	*	2
05:00	*	*	6	*	*	6	*	*	6
06:00	*	*	35	*	*	35	*	*	35
07:00	*	*	204	*	*	204	*	*	204
08:00	*	*	71	*	*	71	*	*	71
09:00	*	*	35	*	*	35	*	*	35
10:00	*	*	35	*	*	35	*	*	35
11:00	*	46	*	*	*	46	*	*	46
12:00 PM	*	57	*	*	*	57	*	*	57
01:00	*	58	*	*	*	58	*	*	58
02:00	*	179	*	*	*	179	*	*	179
03:00	*	86	*	*	*	86	*	*	86
04:00	*	89	*	*	*	89	*	*	89
05:00	*	93	*	*	*	93	*	*	93
06:00	*	42	*	*	*	42	*	*	42
07:00	*	18	*	*	*	18	*	*	18
08:00	*	26	*	*	*	26	*	*	26
09:00	*	6	*	*	*	6	*	*	6
10:00	*	0	*	*	*	0	*	*	0
11:00	*	6	*	*	*	6	*	*	6
Total	0	706	393	0	0	1099	0	0	1099
% Avg. WkDay	0.0%	64.2%	35.8%	0.0%	0.0%	100.0%			
% Avg. Week	0.0%	64.2%	35.8%	0.0%	0.0%	100.0%	0.0%	0.0%	
AM Peak	-	11:00	07:00	-	-	-	07:00	-	07:00
Vol.	-	46	204	-	-	-	204	-	204
PM Peak	-	14:00	-	-	-	-	14:00	-	14:00
Vol.	-	179	-	-	-	-	179	-	179
Total	0	706	393	0	0	1099	0	0	1099
ADT	ADT 1,099		AADT 1,099						

Attachment: Study (Leland-Fairmont study)

CITY OF HANFORD

Public Works - Engineering

Location : Leland Way at Fairmont Dr
 Weather : Clear & Dry
 Operator : SPD

Station : 0
 Start Date : 09/24/19
 Day : Tuesday

Begin Time	NB	SB	sub total	EB	WB	sub total	Total
12:00 AM	0	2	2	4	5	9	11
1:00	0	0	0	1	1	2	2
2:00	0	0	0	3	2	5	5
3:00	0	3	3	5	3	8	11
4:00	1	2	3	4	7	11	14
5:00	1	6	7	3	15	18	25
6:00	2	35	37	17	30	47	84
7:00	2	204	206	220	161	381	587
8:00	2	71	73	90	73	163	236
9:00	8	35	43	42	29	71	114
10:00	8	35	43	49	37	86	129
11:00	3	46	49	62	35	97	146
12:00 PM	5	57	62	66	52	118	180
1:00	10	58	68	78	48	126	194
2:00	9	179	188	136	86	222	410
3:00	4	86	90	100	88	188	278
4:00	5	89	94	89	57	146	240
5:00	8	93	101	122	85	207	308
6:00	6	42	48	76	60	136	184
7:00	5	18	23	58	39	97	120
8:00	7	36	43	41	31	72	115
9:00	0	6	6	13	18	31	37
10:00	1	0	1	18	7	25	26
11:00	0	6	6	8	5	13	19

Daily Totals	87	1,109	1,196	1,305	974	2,279	3,475
Split %	2.5	31.9		37.6	28.0		

AM Peak 7:00 am
 Volume 587

PM Peak 2:00 pm
 Volume 410

Attachment: Study (Leland-Fairmont study)

LOCATION: Leland Way at Fairmont Dr.

WARRANTS FOR ALL-WAY STOP SIGNS

All-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 all-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.
- b. Geometric conditions.
- 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 ☐

Attachment: Study (Leland-Fairmont study)

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**

MEETING DATE: 10/24/2019	AGENDA SECTION: 3
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SUBJECT:
City Council Actions

FISCAL IMPACT:

ATTACHMENTS:
City Council Actions

CITY COUNCIL ACTIONS

Meeting of August 6, 2019

1. Approved Suggested Routes to School for Frontier Elementary School, Pioneer Elementary School, and Pioneer Middle School; and Suggested Routes to School for Hanford Elementary School District and Saint Rose-Thomas McCarthy School.
2. Award Contract to Bush Engineering, Inc., of Hanford, CA for FY17-18 Pavement Resurfacing Project.

Meeting August 20, 2019

1. None to report

Special Meeting August 26, 2019

1. None to report

Meeting September 3, 2019 - CANCELLED

Meeting September 17, 2019

1. Award contract to Bush Engineering, Inc., Hanford, CA for Hanford-Armona Rd. at Irwin St. Traffic Signal Installation Project.

Special Meeting September 23, 2019

1. None to report

Special Meeting September 24, 2019

1. None to report

Special Meeting September 30, 2019

1. None to report

Meeting October 1, 2019

1. None to report

Special Meeting October 8, 2019

1. None to report

Special Meeting October 14, 2019 – 5:15 PM

1. Presentation of Grade Separation Project Grangeville Blvd./BNSF.

Joint Meeting October 14, 2019

1. None to report

Special Meeting October 14, 2019 – 7:00 PM

1. Approval of Contract change Order (No.1) – TRC Engineers, Inc., Rancho Cordova, CA related to the Grade Separation Project Grangeville Blvd./BNSF.