



PUBLIC SAFETY SUBCOMMITTEE AGENDA

SUBCOMMITTEE MEMBERS

JESSE CHAVEZ, MEMBER
PENNY LILBURN, MEMBER

December 14, 2021
5:15 p.m.
Upright Conference Room
Highland City Hall
27215 Base Line
Highland, California

SPECIAL NOTICE REGARDING COVID-19

This meeting is being held in person. Please be advised, facial coverings or masks are required to be worn in the Upright Conference Room. If you do not have a facial covering or mask, one will be provided to you.

Submission of Public Comments: To limit the number of persons in the Upright Conference Room, the public is encouraged to make public comments by email rather than in person. For those wishing to make public comments by email, please submit your comments by email to be read aloud at the meeting. Email comments must be submitted by 4:15 p.m. on December 14, 2021, to publiccomment@cityofhighland.org. If you are submitting a public comment pertaining to an item on the December 14, 2021 agenda, please identify the agenda item number in the subject line. All email comments shall be subject to the same rules as would otherwise govern speaker comments at a Council meeting. Members of the public will be permitted to make public comments in person.

CITY OF HIGHLAND MISSION STATEMENT

Highland is dedicated to the betterment of the individual, the family, the neighborhood, and the community. The City Council and the staff of Highland are dedicated to providing the quality of public facilities and services that its citizens are willing to fund and will do so as efficiently as possible.

Visit the City's Website at: www.cityofhighland.org

THE CITY OF HIGHLAND COMPLIES WITH THE AMERICANS WITH DISABILITIES ACT OF 1990. IF YOU REQUIRE SPECIAL ASSISTANCE TO PARTICIPATE IN THIS MEETING, PLEASE CALL THE CITY CLERK'S OFFICE AT (909) 864-8732, EXT. 226 AT LEAST 48 HOURS PRIOR TO THE MEETING.

Any disclosable public records related to an open session item on a regular meeting agenda and distributed by the City of Highland to all or a majority of the [legislative or other body] less than 72 hours prior to that meeting are available for public inspection at Highland City Hall, 27215 Base Line, Highland, during normal business hours.

Jesse Chavez, Member

Penny Lilburn, Member

PUBLIC SAFETY SUBCOMMITTEE

December 14, 2021 – 5:15 p.m.

CALL TO ORDER

PUBLIC COMMENT

ITEMS

1. Review Minutes of June 23, 2020 Meeting

RECOMMENDATION: Approve the Minutes as Submitted

2. Install Multi-Way Stop Signs at Highland Avenue/Cloverhill Drive

RECOMMENDATION: Staff recommends the Subcommittee review and approve the installation of multi-way stop signs and crosswalk at the intersection of Highland Avenue and Cloverhill Drive.

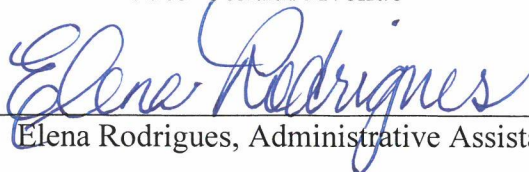
ADJOURN

I, Elena Rodrigues, Administrative Assistant III, of the City of Highland, California, certify that I caused to be posted this Agenda on the 9th day of December 2021, by 5:30 p.m. on our website at www.cityofhighland.org and in the following designated areas:

City Hall
27215 Base Line

Highland Branch Library
7863 Central Avenue

Highland Fire Station No.1
26974 Base Line



Elena Rodrigues, Administrative Assistant III

Agenda Item #1

MINUTES
PUBLIC SAFETY SUBCOMMITTEE
June 23, 2020

CALL TO ORDER

The regular meeting of the Public Safety Subcommittee of the City of Highland was called to order at 8:30 a.m. at the Upright Conference Room, 27215 Base Line, Highland, California.

ROLL CALL

Present: Chavez, Lilburn
Absent: None

PUBLIC COMMENT

Administrative Assistant III Rodrigues read public comment received from Dave Saran regarding illegal behavior and property damage in his neighborhood.

ITEMS

1. Review Minutes of February 11, 2020 Meeting
 - Minutes approved as submitted

2. Fireworks Enforcement
 - Extra deputies are on patrol, with more deputies on patrol closer to the 4th of July
 - Extra fire engine will be on duty for holiday
 - Large message board informing the public the public all fireworks are illegal and fines will be imposed
 - Ad in Highland Community News informing the public all fireworks are illegal and fines will be imposed
 - Directed staff to look into raising fines next year for the use of illegal fireworks

ADJOURN

There being no further business the meeting was adjourned at 9:05 a.m.

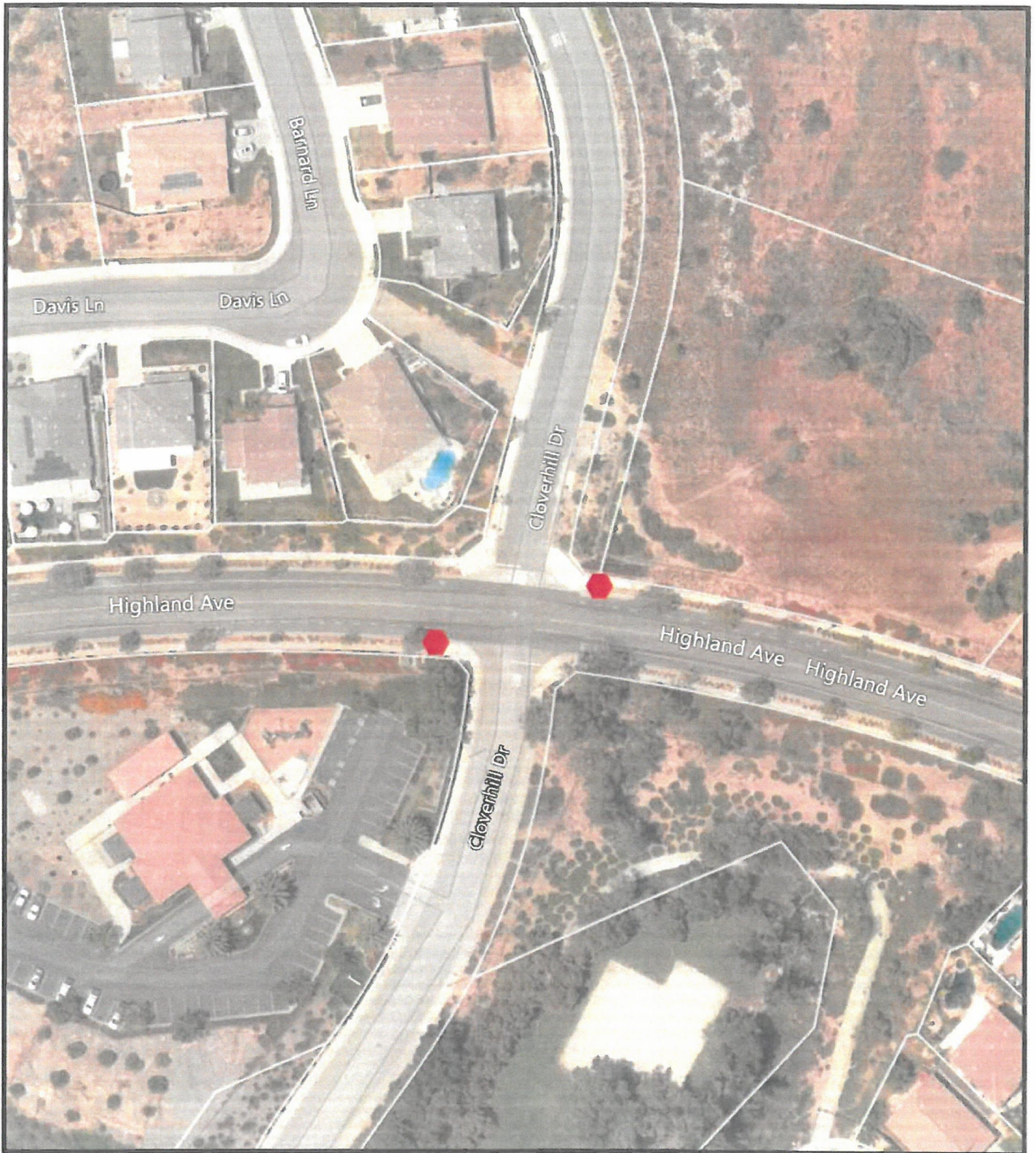
Submitted by:

Approved by:


Elena Rodrigues, Administrative Assistant III

Subcommittee Member

Agenda Item #2



Indicates proposed new stop sign installation.

NEW STOP SIGN INSTALLATION
LOCATION MAP



T K E E N G I N E E R I N G , I N C .

November 15, 2021

Mr. Carlos Zamano, P.E.
Public Works Director/City Engineer
CITY OF HIGHLAND
27215 Base Line
Highland, CA 92346

RE: Multi-Stop Warrant Analysis for Highland Avenue and Cloverhill Drive

Dear Mr. Zamano:

TKE Engineering has completed the multi-way stop warrant analysis for the following intersection:

- Highland Avenue and Cloverhill Drive

An on-site field review was performed at this location to measure sight distance and observe current operational conditions on October 26, 2021. Outsourced traffic count data was collected by Counts Unlimited on October 27, 2021.

Based on minimum vehicle volumes and/or SWITRS collision history reporting, this intersection does not meet the CA Manual of Uniform Traffic Control Devices (MUTCD) criteria for this type of installation using this criterion. However, high pedestrian activity and counts at this location are expected for all hours throughout the day due to adjacent community trail and local serving amenities at this location which may not have been captured in a single day snapshot. Pedestrian activity is expected to be substantial during special community center events.

Additionally, due to existing horizontal and vertical curves, the intersection has a high level of obstructed sight distance for vehicles entering the through street; including limited sight distance on Highland Avenue for the approach to the unmarked/uncontrolled crosswalk at this location.

Based on the above, the installation of Multi-Way Stop is recommended for Highland Avenue and Cloverhill Drive.

The Multi-Way Stop Warrant Analysis with Recommendation Summary is attached to include supporting outsourced vehicle data collection for your use.

TKE Engineering is happy to further assist you to create installation work orders if desired.

Sincerely,

A handwritten signature in blue ink, appearing to read "Terry Renner".

Terry Renner, P.E., Q.S.D.
Senior Vice President
TKE Engineering, Inc.

Attachments: Warrant Study – Highland Avenue and Cloverhill Drive



MULTI-WAY STOP EVALUATION

City of Highland

Location: **Highland Avenue & Cloverhill Drive**

Date of Count: **October 27, 2021**

WARRANT STUDY

	Count	Warrants Met?
A. Temporary measure in lieu of traffic signal installation		Not Studied
B. Correctible Collisions: 5 or more correctible collisions in a 12 month period. 2020-2021 reported by SWITRS = 0 (VRW/correctible collision)	0	No
C. Minimum Volumes:		
1. The vehicular volume entering the intersection from the major approaches (total of both) averages at least 300 vehicles per hour for any 8 hours of an average day, and	271	No
2. The combined vehicular, pedestrian and bicycle volume entering the intersection from the minor street approaches (total of both) averages at least 200 units per hour for the same 8 hours, with an average delay to minor-street vehicular traffic of at least 30 seconds per vehicle during the highest hour, but (pedestrian count varies throughout day & is expected to be substantial at times. This will increase average daily count.)	74	No
3. When the 85th-percentile approach speed of the major-street traffic exceeds 65 km/h (40 mph), the minimum vehicular volume warrants are 70 percent of the above values. (210/140) 85th percentile speed: 40 +/-	271 / 74	No
D. Where no single criterion is satisfied, but where Criteria B, C.1, and C.2 are all satisfied to 80 percent of the minimum values. (4/240/160) Criterion C.3 is excluded from this condition.	0 / 271 / 74	No

Recommendation

Dated: 11/15/2021

By: Monae Pugh

** Vehicle Volumes may still be historically low due to COVID 19 traffic patterns even though the City was not under "stay at home orders" for this count date & vehicle counts are normalizing. Pedestrian counts at this location are expected for all hours throughout the day due to the adjacent community trail & local serving amenities at this location which may not have been captured on a singular mid-week day. Each roadway has vertical and horizontal curves limiting sight distance as vehicles enter the through street and obstructing sight distance along Highland Avenue for the unmarked/uncontrolled crosswalk of this intersection. Therefore, Multi-Way Stop Warrants (AWS) are Satisfied based on CA MUTCD guidance. This location will benefit from AWS installation to provide both vehicular and pedestrian safety & is recommended for installation.

Approved By:

Source: CA MUTCD 2014 (Rev 6) Section 2B.07



MULTI-WAY STOP EVALUATION

City of Highland

Location:

Highland Avenue & Cloverhill Drive

Date of Count:

October 27, 2021

Major Approach		Highland Avenue		Minor Approach		Cloverhill Drive		
Time	EB	WB	EB + WB	HIGHEST	NB	SB	NB + SB	HIGHEST
8 Hours								
12:00PM	19	6	25		1	2	3	
01:00AM	12	2	14		3	2	5	
02:00AM	9	6	15		0	2	2	
03:00AM	2	9	11		1	7	8	
04:00AM	2	13	15		1	6	7	
05:00AM	8	31	39		7	13	20	
06:00AM	34	90	124		10	35	45	
07:00AM	92	197	289	289	20	98	118	118
08:00AM	109	102	211	211	28	54	82	82
09:00AM	86	82	168		29	32	61	
10:00AM	81	68	149		28	40	68	
11:00AM	107	83	190		24	28	52	
12:00AM	136	77	213	213	22	42	64	64
01:00PM	130	62	192		14	40	54	
02:00PM	143	97	240	240	22	40	62	62
03:00PM	207	84	291	291	22	39	61	61
04:00PM	225	107	332	332	28	46	74	74
05:00PM	228	86	314	314	39	35	74	74
06:00PM	198	80	278	278	20	37	57	57
07:00PM	126	47	173		17	26	43	
08:00PM	112	42	154		13	13	26	
09:00PM	76	28	104		11	18	29	
10:00PM	44	12	56		6	10	16	
11:00PM	31	12	43		6	11	17	
TOTALS	2217	1423	3640	2168	372	676	1048	592