

Irene Kurata, Chair
John Ballard, Vice-Chair
John Carmody, Commissioner
Mike Cozzolino, Commissioner
Jay Mattingly, Commissioner



LOMITA CITY HALL
COUNCIL CHAMBERS
24300 Narbonne Avenue
Lomita, CA 90717
Phone: (310) 325-7110
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**AGENDA
REGULAR MEETING
PUBLIC SAFETY AND TRAFFIC COMMISSION
WEDNESDAY, JANUARY 19, 2022
6:00 P.M.
VARIOUS TELECONFERENCE LOCATIONS**

SPECIAL NOTICE:

PURSUANT TO AB-361, THE COUNCIL AND THE PUBLIC MAY PARTICIPATE IN THIS MEETING VIA TELECONFERENCE. THE MEETING WILL BE HELD VIA TELECONFERENCE ONLY AND NO PHYSICAL LOCATION FROM WHICH MEMBERS OF THE PUBLIC MAY OBSERVE THE MEETING AND OFFER PUBLIC COMMENT WILL BE PROVIDED AS SOCIAL DISTANCING MEASURES ARE RECOMMENDED BY STATE AND COUNTY OFFICIALS AND MEETING IN PERSON WOULD PRESENT IMMINENT RISKS TO THE HEALTH OR SAFETY OF ATTENDEES. ALL VOTES TAKEN DURING THIS MEETING WILL BE BY ROLL CALL VOTE, AND THE VOTE WILL BE PUBLICLY REPORTED.

Access to the meeting will be available via URL: <https://us06web.zoom.us/j/88054680312> or by phone at (669) 900-6833. Zoom meeting ID: 880 5468 0312

*In order to effectively accommodate public participation, participants are asked to provide their comments via e-mail before **5:00 p.m. on Wednesday, January 19, 2022**, to l.abbott@lomitacity.com. Please include the agenda item in the subject line. All comments submitted will be read into the record until the time limit of five minutes has been reached.*

All votes taken during this teleconference meeting will be by roll call vote, and the vote will be publicly reported.

1. OPENING CEREMONIES

- a. Call Meeting to Order
- b. Roll Call

2. ORAL COMMUNICATIONS

Persons wishing to speak on consent calendar items or subjects other than those scheduled are requested to do so at this time. Please come to the virtual podium and give your name and address for the record. In order to conduct a timely meeting, a 5-minute time limit per person has been established. Government Code Section 54954.2 prohibits the Commission from discussing or taking action on a specific item unless it appears on a posted agenda.

3. CONSENT AGENDA

All items under the Consent Agenda are considered by the Commission to be routine and will be enacted by one motion in the form listed below. There may be separate discussions of these items prior to the time the Commissioners vote on the motion. Specific items may be removed from the Consent Agenda at the request of any Commissioner or staff.

a. **APPROVAL OF MINUTES** – October 20, 2021

RECOMMENDED ACTION: Approve the minutes.

SCHEDULED MATTERS

4. REVIEW AND DISCUSSION OF THE ENGINEERING AND TRAFFIC SURVEY (E&TS) FOR ESHELMAN AVENUE BETWEEN TORRANCE CITY BOUNDARY NORTH OF 240TH STREET AND PACIFIC COAST HIGHWAY

Presented by Public Works Director Dillon

RECOMMENDATION: Review and discuss the Engineering and Traffic Survey (E&TS) for Eshelman Avenue between Torrance City Boundary north of 240th Street and Pacific Coast Highway and make recommendations to the City Council regarding its approval.

5. REVIEW AND DISCUSSION OF THE ENGINEERING AND TRAFFIC SURVEY (E&TS) FOR PALOS VERDES DRIVE NORTH BETWEEN THE ROLLING HILLS ESTATES CITY BOUNDARY WEST OF ROLLING VISTA DRIVE AND THE LOS ANGELES CITY BOUNDARY EAST OF WESTERN AVENUE

Presented by Public Works Director Dillon

RECOMMENDATION: Review and discuss the Engineering and Traffic Survey (E&TS) for Palos Verdes Drive North between the Rolling Hills Estates City boundary west of Rolling Vista Drive and the Los Angeles City Boundary east of Western Avenue and make recommendations to the City Council regarding its approval.

6. PRESENTATION ON PARKING ENFORCEMENT – no staff report.

7. SHERIFF DEPARTMENT UPDATES - Informational only, no staff report.

8. STAFF UPDATES - Informational only, no staff report.

OTHER MATTERS

9. COMMISSIONER ITEMS

10. COMMISSIONERS TO ATTEND CITY COUNCIL MEETINGS

February 1, 2022, and February 15, 2022

11. ADJOURNMENT

The next regular meeting of the Public Safety and Traffic Commission is scheduled for Wednesday, February 16, 2022, at 6:00 p.m.

Written materials distributed to the Public Safety & Traffic Commission within 72 hours of the meeting are available for public inspection immediately upon distribution in the City Clerk's office at 24300 Narbonne Avenue, Lomita, California 90717. In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, you should contact the office of the City Clerk at (310) 325-7110 (Voice) or the California Relay Service at 711. Notification 48 hours prior to the meeting will enable the City to make reasonable arrangements to assure accessibility to this meeting.

I hereby certify under penalty of perjury under the laws of the State of California that the foregoing agenda was posted not less than 72 hours prior to the meeting at the following locations: Lomita City Hall lobby and outside bulletin board, Lomita Parks and Recreation, and uploaded to the City of Lomita website at <https://lomitacity.com/agendas-minutes/>.

Date Posted: January 14, 2022



Linda E. Abbott, CMC, Deputy City Clerk

**MINUTES
REGULAR MEETING
PUBLIC SAFETY AND TRAFFIC COMMISSION
WEDNESDAY, OCTOBER 20, 2021
6:00 P.M.
VARIOUS TELECONFERENCE LOCATIONS**

1. OPENING CEREMONIES

a. Call Meeting to Order

A regular meeting of the Public Safety and Traffic Commission was called to order by Vice-Chair Ballard at 6:04 p.m. via teleconference pursuant to Governor Newsom's Executive Order N-29-20 of March 17, 2020, and COVID-19 pandemic protocols.

b. Roll Call

The following Commissioners responded to the roll call by Deputy City Clerk Abbott: Commissioner Carmody, Commissioner Cozzolino, Commissioner Mattingly, and Vice-Chair Ballard. Also present were Public Works Director Dillon, Sheriff's Deputy Despot, and L.A. County Traffic Engineer Guilmette.

Present: Carmody, Cozzolino, Mattingly, and Vice-Chair Ballard

Absent: Chair Kurata

2. ORAL COMMUNICATIONS

None

3. CONSENT AGENDA

a. **Approval of Minutes** – July 21, 2021

Commissioner Cozzolino made a motion, seconded by Commissioner Carmody, to approve the minutes.

MOTION CARRIED by the following vote:

AYES: Carmody, Cozzolino, and Vice-Chair Ballard

NOES: None

ABSENT: Chair Kurata

ABSTAIN: Mattingly

SCHEDULED MATTERS

4. DISCUSSION AND CONSIDERATION OF SIGN CHANGES ON PALOS VERDES DRIVE NORTH

Public Works Director Dillon presented the staff report as per the agenda material.

Commissioner Cozzolino made a motion, seconded by Commissioner Mattingly, to recommend to the City Council to install signs as follows:

1. Install “30 MIN PARKING 2 AM TO 4 AM” sign (modified R32D (CA)) with left arrow on the south side of Palos Verdes Drive North at a point 120 feet east of the east curb line of Rolling Vista Drive.
2. Install “30 MIN PARKING 2 AM TO 4 AM” signs (modified R32D (CA)) with double arrows on the south side of Palos Verdes Drive North at points 220 feet, 420 feet, 620 feet east of the east curb line of Rolling Vista Drive.
3. Install “30 MIN PARKING 2 AM TO 4 AM” sign (modified R32D (CA)) with right arrow (modified R32D (CA)) on the south side of Palos Verdes Drive North at a point 820 feet east of the east curb line of Rolling Vista Drive.
4. Install “NO PARKING 8 AM TO 10 AM Friday” signs on the south side of Palos Verdes Drive North starting at a point 240 feet west of the west curb line of Rolling Vista Drive and continuing periodically to a point 1,290 feet east of the east curb line of Rolling Vista Drive.

MOTION CARRIED by the following vote:

AYES: Carmody, Cozzolino, Mattingly, and Vice-Chair Ballard
NOES: None
ABSENT: Chair Kurata

5. REVIEW AND DISCUSSION OF THE ENGINEERING AND TRAFFIC SURVEY (E&TS) FOR NARBONNE AVENUE BETWEEN LOMITA BOULEVARD AND THE ROLLING HILLS ESTATES CITY BOUNDARY SOUTH OF PACIFIC COAST HIGHWAY

Traffic Engineer Guilmette presented the staff report as per the agenda material.

Commissioner Mattingly made a motion, seconded by Commissioner Cozzolino, to recommend for Council approval the engineering and traffic survey for Narbonne Avenue between Lomita Boulevard and the Rolling Hills Estates city boundary south of Pacific Coast Highway.

MOTION CARRIED by the following vote:

AYES: Carmody, Cozzolino, Mattingly, and Vice-Chair Ballard
NOES: None
ABSENT: Chair Kurata

6. SHERIFF DEPARTMENT UPDATES - Informational only, no staff report.

Deputy Despot reported on the following:

- Catalytic converter etching event taking place at City Hall on November 13
- September sting relative to vehicles failing to stop for pedestrians in crosswalks
- Recent hit and run involving a motorcyclist

7. STAFF UPDATES - Informational only, no staff report.

Director Dillon had nothing to report.

OTHER MATTERS

8. COMMISSIONER ITEMS

Commissioner Carmody stated that kids have been speeding on electric bicycles and riding them on sidewalks. He added that City parking enforcement officers are perhaps just going through the motions, as he recently witnessed one officer simply pass by a car parked in a red zone.

Commissioner Cozzolino stated that medical benefits for City Council Members were discussed at a recent Council meeting.

Commissioner Mattingly had nothing to report.

Vice-Chair Ballard asked the status of the turn lane signs on Lomita Boulevard to Narbonne Avenue.

Director Dillon stated that a traffic evaluation would be required and the City will likely be making some changes at that intersection in the next year or two, so such an evaluation would not be cost-effective.

Vice-Chair Ballard stated that the traffic lights' timing near the Picerne Project, around Lomita and Crenshaw Boulevards, seems off.

Director Dillon stated that she had received a report today that some detectors might be stuck, so a maintenance crew will be sent to the location to make adjustments.

Commissioner Carmody stated that he had attended the August 3, 2021, City Council meeting, where Senate Bills 9 and 10 were discussed.

9. COMMISSIONERS TO ATTEND CITY COUNCIL MEETINGS

Tuesday, November 2, 2021 – Commissioner Carmody

Tuesday, November 16, 2021 – Commissioner Cozzolino

10. ADJOURNMENT

There being no further business to discuss, the meeting adjourned at 6:49 p.m.

Linda E. Abbott, CMC, Deputy City Clerk



CITY OF LOMITA COMMISSION REPORT

TO: Public Safety & Traffic Commission **Item No. SCH 4**

FROM: Carla Dillon, P.E., Public Works Director / City Engineer

MEETING DATE: January 19, 2022

SUBJECT: Review and Discussion of the Engineering and Traffic Survey (E&TS) for Eshelman Avenue between Torrance City Boundary north of 240th Street and Pacific Coast Highway

RECOMMENDATION

Review and discuss the Engineering and Traffic Survey (E&TS) for Eshelman Avenue between Torrance City Boundary north of 240th Street and Pacific Coast Highway and make recommendations to the City Council regarding its approval.

BACKGROUND

To satisfy the requirements of Section 40802(c)(2)(B)(i) of the California Vehicle code (CVC), Engineering and Traffic Surveys (E&TS) are required by the State of California to establish intermediate speed limits and to enforce those limits using radar or other speed measuring devices. The surveys must be conducted in accordance with applicable provisions of the CVC, following procedures outlined in the California Manual of Uniform Traffic Control Devices (MUTCD).

The existing speed zone survey for Eshelman Avenue between Torrance City Boundary north of 240th Street and Pacific Coast Highway has recently expired. This survey provides current engineering analysis of the traffic conditions of the road and evaluates the appropriateness of the existing speed limit.

DISCUSSION

The attached E&TS from Irena Guilmette, T.E. #2259 will allow the Los Angeles Sheriff's Department to continue utilizing radar for the enforcement of the speed limit on this segment of Eshelman Avenue. The current speed limit on Eshelman Avenue between Torrance City Boundary north of 240th Street and Pacific Coast Highway is 30 mph, except in the vicinity of Fleming Middle School/Saint Margaret Mary Alacoque School and Lomita Park where the speed limit is posted for 25 mph, when children are present based on Section 22352(b)(2) of the CVC which states that a 25 mph prima facie speed limit applies when passing a school when children are present.

The survey did find that the average 85th percentile speed is 38 mph. The nearest 5 mph increment of the 85th percentile speed would require that the speed limit for this segment of

Eshelman Avenue be posted at 40 mph. However, the midblock collision rate is higher than expected. CVC Section 22358.8 (a) of the CVC states that local authorities may (by ordinance) retain the existing speed limit if there were no significant changes to the roadway conditions, there were no added travel lanes, and the increase in speed would not be reasonable or safe. Due to the higher-than-expected collision rate as well as the fact that Eshelman Avenue meets the conditions in Section 22358.8 (a) of the CVC, it is recommended that the existing speed limit of 30 mph be retained on Eshelman Avenue between the Torrance City boundary north of 240th Street and Pacific Coast Highway.

FISCAL IMPACT

No Fiscal Impact.

OPTIONS:

1. Make recommendations for approval to City Council.
2. Provide alternative direction.

ATTACHMENT

1. Engineering and Traffic Survey (E&TS) for Eshelman Avenue between Torrance City Boundary north of 240th Street and Pacific Coast Highway.

Recommended by:



Carla Dillon, P.E.
Public Works Director / City Engineer

2022



Attachment 1

ESHELMAN AVENUE

(Between Torrance City Boundary north of 240th Street and Pacific Coast Highway)

Engineering and Traffic Survey (E&TS)

Prepared by: Irena Guilmette, T.E. #2259
City of Lomita Traffic Advisor
Los Angeles County Public Works
January 2022



January 11, 2022

**ESHELMAN AVENUE
BETWEEN THE TORRANCE CITY BOUNDARY NORTH OF 240TH STREET
AND PACIFIC COAST HIGHWAY
ENGINEERING AND TRAFFIC SURVEY**

Background

This Engineering and Traffic Survey (E&TS) has been conducted to determine the appropriate speed limit for radar speed enforcement on Eshelman Avenue between the Torrance City boundary north of 240th Street and Pacific Coast Highway. This E&TS is based on guidelines set forth in the California Manual on Uniform Traffic Control Devices (CA MUTCD) and the California Vehicle Code (CVC). Pursuant to CVC Section 40802(c)(2)(B)(i), one of the criteria for the legal use of radar equipment on city roadways is that a current E&TS exists reflecting current conditions of the roadway. This E&TS must be updated every seven years in order to continue the use of radar speed enforcement, although the update can be postponed to ten years if a registered engineer determines that no significant changes in roadway or traffic conditions have occurred. This study provides a current engineering analysis of the traffic conditions on Eshelman Avenue and evaluates the appropriateness of the existing speed limit.

Limits of the Study

This E&TS was conducted on Eshelman Avenue between the Torrance City boundary north of 240th Street and Pacific Coast Highway. This section of Eshelman Avenue is completely under the jurisdiction of the City of Lomita.

Existing Conditions

A. Type of Facility

Eshelman Avenue between the Torrance City boundary north of 240th Street and Pacific Coast Highway is classified as a Minor Arterial roadway on the California Road System – Functional Classification maps. Therefore, an E&TS is required per the CVC if radar enforcement is used.

B. Roadway Geometry and Improvements

Eshelman Avenue between the Torrance City boundary north of 240th Street and Pacific Coast Highway has one lane of travel in each direction and is separated by a two-way turn lane with dedicated left turn pockets at the traffic signals. There are bike lanes on both sides of the roadway between the Torrance City boundary north of 240th Street and Pacific Coast Highway. There is a ladder-type school crosswalk on Eshelman Avenue at the south line of 255th Street, where there is multi-way stop control. There is a ladder-type school crosswalk on Eshelman Avenue at the south

line of 254th Street with accompanying school pedestrian warning signs and pavement markings. There is a ladder-type crosswalk on Eshelman Avenue at the north line of Lomita Park Place with accompanying pedestrian warning signs and pavement markings. Eshelman Avenue is signalized at Pacific Coast Highway and Lomita Boulevard. There is multi-way stop control at Eshelman Avenue and 255th Street and 240th Street. All other intersecting streets are stopped at Eshelman Avenue. Eshelman Avenue has curb, gutter and sidewalk along both sides of the roadway.

C. Fronting Development

Eshelman Avenue between the Torrance City boundary north of 240th Street and Pacific Coast Highway is fronted by single-family and multi-family residential dwellings, the Royal Trailer Park, Fleming Middle School, Saint Margaret Mary Alocoque School and Lomita Park.

D. Traffic Volume

Machine traffic counts were taken on Eshelman Avenue on August 3, 2021. The locations and average daily traffic volumes on Eshelman Avenue are shown below in vehicles per day (vpd):

Location	Volume (vpd)
South of 242 nd Street	3,694
South of Eshelman Way	3,782
South of 250 th Street	5,097
Average Traffic Volume: 4,191 vpd	

E. Existing Speed Zones

The posted speed limit on Eshelman between the Torrance City boundary north of 240th Street and Pacific Coast Highway is 30 miles per hour (mph) except in the vicinity of Fleming Middle School/Saint Margaret Mary Alocoque School where the speed limit is posted for School, 25 mph, when children are present, based on Section 22352(b)(2) of the CVC. The other exception is in the vicinity of Lomita Park where the speed limit is posted for Playground, 25 mph, when children are present, based on Section 22357.1 of the CVC.

F. Collision Rate

Collision information was compiled for Eshelman Avenue for the two-year period ending June 30, 2021. The collision rate is shown below in comparison to the

Countywide expected rate expressed in collisions per million vehicle miles (C/MVM):

Location	Actual C/MVM	Expected C/MVM
Torrance City boundary north of 240 th Street to Pacific Coast Highway	2.18	1.32 ± 0.74

G. Enforcement Jurisdiction

Enforcement of the CVC for this segment of Eshelman Avenue is under the jurisdiction of the Lomita Sheriff.

H. Speed Survey Data

Radar speed checks were taken on Eshelman Avenue on December 8, 2021. The speed measurements were measured in miles per hour (mph). A model Python IV Traffic Radar (Serial No. 846005280) was used to conduct these speed checks and it was last calibrated on January 18, 2019. The location and findings are listed below:

Location	Posted Speed Limit (mph)	85 th Percentile Speed (mph)	Pace Speed (mph)
South of 242 nd Street	30	39	28 to 37
South of Eshelman Way	30	36	28 to 37
South of 250 th Street	30	40	30 to 39
South of 253 rd Place	30	36	27 to 36
Average 85 th Percentile Speed: 38 mph			

Conclusions and Recommendations

**Eshelman Avenue
 Between the Torrance City boundary north of 240th Street and Pacific Coast Highway**

The posted speed limit on Eshelman between the Torrance City boundary north of 240th Street and Pacific Coast Highway is 30 miles per hour mph except in advance of Fleming Middle School/Saint Margaret Mary Alocoque School and Lomita Park , where it is posted for 25 mph, when children are present. The collision rate within the limits of this study is 2.18 C/MVM, which is above the countywide expected rate of 1.32 ± 0.74 C/MVM.

Radar speed checks taken on December 8, 2021, revealed an average 85th percentile speed of 38 mph. The nearest 5 mph increment of the 85th percentile speed of 38 mph would be 40 mph. However, the midblock collision rate is higher than expected. CVC Section 22358.8 (a) of the CVC states that local authorities may (by ordinance) retain the existing speed limit if there were no significant changes to the roadway conditions, there were no added travel lanes, and the increase in speed would not be reasonable or safe. Due to the higher-than-expected collision rate as well as the fact that Eshelman Avenue meets the conditions in Section 22358.8 (a) of the CVC, it is recommended that the existing speed limit of 30 mph be retained on Eshelman Avenue between the Torrance City boundary north of 240th Street and Pacific Coast Highway.

Summary of Recommendations	Existing	Proposed
Eshelman Avenue between the Torrance City boundary north of 240th Street and Pacific Coast Highway	30 mph	30 mph

Irena Guilmette

Project Engineer

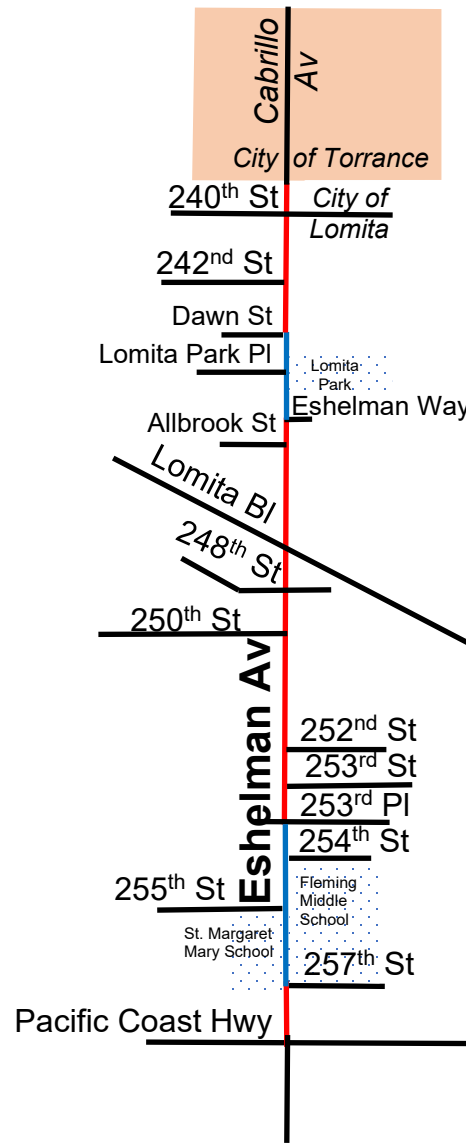
January 11, 2022

Date



Eshelman Avenue Engineering and Traffic Survey

(Torrance City boundary north of 240th Street to Pacific Coast Highway)



Legend

mph = miles per hour

vpd = vehicles per day

— = 25 mph school/playground segment

— = E&TS roadway segment

Recommended Speed Limit	25 mph (school/playground segment)
	30 mph (remainder)
85 th % speed	38 mph
Average Daily Traffic (ADT)	4,191 vpd
Prepared	January 11, 2022

Eshelman Avenue

Traffic Volumes for E&TS

Los Angeles County Department of Public Works

24 Hour Traffic Count

Report ID: HOME 565V

Access Date: 9/7/21 2:41 PM

Count Date: 8/3/2021 Tuesday

Conditions: Clear

Location: ESHELMAN AVENUE S/O 242ND STREET

Time	N/B		S/B		Total		Time	N/B		S/B		Total	
	15'	Hour	15'	Hour	15'	Hour		15'	Hour	15'	Hour	15'	Hour
12:00 AM	1	8	2	4	3	12	12:00 PM	30	123	24	133	54	256
12:15 AM	6	9	1	4	7	13	12:15 PM	29	131	40	141	69	272
12:30 AM	0	4	1	5	1	9	12:30 PM	29	129	36	137	65	266
12:45 AM	1	5	0	5	1	10	12:45 PM	35	135	33	147	68	282
1:00 AM	2	5	2	7	4	12	1:00 PM	38	133	32	146	70	279
1:15 AM	1	5	2	6	3	11	1:15 PM	27	122	36	147	63	269
1:30 AM	1	5	1	4	2	9	1:30 PM	35	129	46	137	81	266
1:45 AM	1	5	2	5	3	10	1:45 PM	33	130	32	129	65	259
2:00 AM	2	5	1	3	3	8	2:00 PM	27	129	33	130	60	259
2:15 AM	1	3	0	2	1	5	2:15 PM	34	132	26	126	60	258
2:30 AM	1	5	2	4	3	9	2:30 PM	36	116	38	141	74	257
2:45 AM	1	4	0	2	1	6	2:45 PM	32	109	33	150	65	259
3:00 AM	0	3	0	3	0	6	3:00 PM	30	112	29	166	59	278
3:15 AM	3	3	2	3	5	6	3:15 PM	18	117	41	178	59	295
3:30 AM	0	0	0	2	0	2	3:30 PM	29	137	47	170	76	307
3:45 AM	0	1	1	5	1	6	3:45 PM	35	157	49	170	84	327
4:00 AM	0	3	0	6	0	9	4:00 PM	35	168	41	182	76	350
4:15 AM	0	5	1	13	1	18	4:15 PM	38	174	33	193	71	367
4:30 AM	1	6	3	13	4	19	4:30 PM	49	171	47	204	96	375
4:45 AM	2	17	2	16	4	33	4:45 PM	46	160	61	207	107	367
5:00 AM	2	23	7	19	9	42	5:00 PM	41	147	52	179	93	326
5:15 AM	1	29	1	18	2	47	5:15 PM	35	145	44	173	79	318
5:30 AM	12	35	6	24	18	59	5:30 PM	38	152	50	168	88	320
5:45 AM	8	29	5	23	13	52	5:45 PM	33	158	33	147	66	305
6:00 AM	8	38	6	23	14	61	6:00 PM	39	160	46	135	85	295
6:15 AM	7	43	7	33	14	76	6:15 PM	42	155	39	120	81	275
6:30 AM	6	54	5	36	11	90	6:30 PM	44	140	29	110	73	250
6:45 AM	17	68	5	45	22	113	6:45 PM	35	123	21	107	56	230
7:00 AM	13	77	16	53	29	130	7:00 PM	34	111	31	104	65	215
7:15 AM	18	84	10	50	28	134	7:15 PM	27	101	29	97	56	198
7:30 AM	20	97	14	61	34	158	7:30 PM	27	96	26	101	53	197
7:45 AM	26	105	13	68	39	173	7:45 PM	23	81	18	93	41	174
8:00 AM	20	109	13	72	33	181	8:00 PM	24	69	24	88	48	157
8:15 AM	31	118	21	79	52	197	8:15 PM	22	66	33	81	55	147
8:30 AM	28	106	21	86	49	192	8:30 PM	12	56	18	66	30	122
8:45 AM	30	101	17	77	47	178	8:45 PM	11	54	13	57	24	111
9:00 AM	29	102	20	78	49	180	9:00 PM	21	54	17	53	38	107
9:15 AM	19	109	28	75	47	184	9:15 PM	12	39	18	44	30	83
9:30 AM	23	119	12	78	35	197	9:30 PM	10	32	9	40	19	72
9:45 AM	31	134	18	93	49	227	9:45 PM	11	33	9	41	20	74
10:00 AM	36	128	17	95	53	223	10:00 PM	6	26	8	34	14	60
10:15 AM	29	114	31	106	60	220	10:15 PM	5	22	14	26	19	48
10:30 AM	38	114	27	102	65	216	10:30 PM	11	21	10	22	21	43
10:45 AM	25	106	20	101	45	207	10:45 PM	4	12	2	16	6	28
11:00 AM	22	111	28	106	50	217	11:00 PM	2	12	0	19	2	31
11:15 AM	29	119	27	102	56	221	11:15 PM	4		10		14	
11:30 AM	30	119	26	115	56	234	11:30 PM	2		4		6	
11:45 AM	30	118	25	125	55	243	11:45 PM	4		5		9	

Direction	24 Hour	AM Peak Hour		PM Peak Hour	
	Volume	Time	Volume	Time	Volume
Total	3694	11:45 AM	243	4:30 PM	375
N/B	1856	9:45 AM	134	4:15 PM	174
S/B	1838	11:45 AM	125	4:45 PM	207

Los Angeles County Department of Public Works

24 Hour Traffic Count

Report ID: HOME 567V

Access Date: 9/7/21 2:42 PM

Count Date: 8/3/2021 Tuesday

Conditions: Clear

Location: ESHELMAN AVENUE S/O ESHELMAN WAY (N)

	N/B		S/B		Total			N/B		S/B		Total	
	Time	15'	Hour	15'	Hour	15'		Hour	Time	15'	Hour	15'	Hour
12:00 AM	1	4	1	7	2	11	12:00 PM	30	116	29	138	59	254
12:15 AM	2	5	1	7	3	12	12:15 PM	28	119	37	146	65	265
12:30 AM	0	4	2	7	2	11	12:30 PM	27	117	39	159	66	276
12:45 AM	1	5	3	6	4	11	12:45 PM	31	129	33	160	64	289
1:00 AM	2	5	1	6	3	11	1:00 PM	33	122	37	165	70	287
1:15 AM	1	5	1	6	2	11	1:15 PM	26	118	50	155	76	273
1:30 AM	1	4	1	5	2	9	1:30 PM	39	119	40	138	79	257
1:45 AM	1	4	3	6	4	10	1:45 PM	24	108	38	135	62	243
2:00 AM	2	4	1	3	3	7	2:00 PM	29	115	27	131	56	246
2:15 AM	0	2	0	2	0	4	2:15 PM	27	119	33	138	60	257
2:30 AM	1	5	2	4	3	9	2:30 PM	28	110	37	149	65	259
2:45 AM	1	4	0	2	1	6	2:45 PM	31	113	34	153	65	266
3:00 AM	0	3	0	3	0	6	3:00 PM	33	117	34	173	67	290
3:15 AM	3	4	2	4	5	8	3:15 PM	18	114	44	174	62	288
3:30 AM	0	1	0	3	0	4	3:30 PM	31	134	41	171	72	305
3:45 AM	0	2	1	5	1	7	3:45 PM	35	146	54	181	89	327
4:00 AM	1	3	1	10	2	13	4:00 PM	30	149	35	191	65	340
4:15 AM	0	4	1	12	1	16	4:15 PM	38	166	41	213	79	379
4:30 AM	1	5	2	14	3	19	4:30 PM	43	168	51	219	94	387
4:45 AM	1	10	6	17	7	27	4:45 PM	38	167	64	214	102	381
5:00 AM	2	18	3	19	5	37	5:00 PM	47	169	57	191	104	360
5:15 AM	1	25	3	21	4	46	5:15 PM	40	161	47	188	87	349
5:30 AM	6	29	5	27	11	56	5:30 PM	42	155	46	185	88	340
5:45 AM	9	29	8	26	17	55	5:45 PM	40	151	41	170	81	321
6:00 AM	9	36	5	31	14	67	6:00 PM	39	149	54	152	93	301
6:15 AM	5	41	9	39	14	80	6:15 PM	34	138	44	146	78	284
6:30 AM	6	49	4	42	10	91	6:30 PM	38	128	31	139	69	267
6:45 AM	16	57	13	58	29	115	6:45 PM	38	114	23	141	61	255
7:00 AM	14	69	13	57	27	126	7:00 PM	28	98	48	136	76	234
7:15 AM	13	75	12	64	25	139	7:15 PM	24	95	37	121	61	216
7:30 AM	14	87	20	78	34	165	7:30 PM	24	90	33	117	57	207
7:45 AM	28	101	12	77	40	178	7:45 PM	22	79	18	106	40	185
8:00 AM	20	103	20	88	40	191	8:00 PM	25	70	33	102	58	172
8:15 AM	25	106	26	91	51	197	8:15 PM	19	60	33	93	52	153
8:30 AM	28	100	19	89	47	189	8:30 PM	13	56	22	76	35	132
8:45 AM	30	93	23	91	53	184	8:45 PM	13	52	14	69	27	121
9:00 AM	23	90	23	90	46	180	9:00 PM	15	46	24	66	39	112
9:15 AM	19	86	24	96	43	182	9:15 PM	15	40	16	54	31	94
9:30 AM	21	93	21	99	42	192	9:30 PM	9	30	15	45	24	75
9:45 AM	27	100	22	111	49	211	9:45 PM	7	31	11	37	18	68
10:00 AM	19	98	29	110	48	208	10:00 PM	9	28	12	29	21	57
10:15 AM	26	106	27	114	53	220	10:15 PM	5	21	7	22	12	43
10:30 AM	28	111	33	121	61	232	10:30 PM	10	20	7	21	17	41
10:45 AM	25	114	21	112	46	226	10:45 PM	4	12	3	18	7	30
11:00 AM	27	118	33	122	60	240	11:00 PM	2	11	5	21	7	32
11:15 AM	31	121	34	118	65	239	11:15 PM	4		6		10	
11:30 AM	31	118	24	121	55	239	11:30 PM	2		4		6	
11:45 AM	29	114	31	136	60	250	11:45 PM	3		6		9	

Direction	24 Hour	AM Peak Hour		PM Peak Hour	
	Volume	Time	Volume	Time	Volume
Total	3782	11:45 AM	250	4:30 PM	387
N/B	1741	11:15 AM	121	5:00 PM	169
S/B	2041	11:45 AM	136	4:30 PM	219

Los Angeles County Department of Public Works
24 Hour Traffic Count

Access Date: 9/7/21 2:40 PM

Report ID: HOME 568V

Count Date: 8/3/2021 Tuesday

Conditions: Clear

Location: ESHELMAN AVENUE S/O 250TH STREET

Time	N/B		S/B		Total		Time	N/B		S/B		Total	
	15'	Hour	15'	Hour	15'	Hour		15'	Hour	15'	Hour	15'	Hour
12:00 AM	3	10	8	20	11	30	12:00 PM	44	168	45	184	89	352
12:15 AM	3	10	4	13	7	23	12:15 PM	40	165	46	169	86	334
12:30 AM	0	9	4	13	4	22	12:30 PM	40	175	46	167	86	342
12:45 AM	4	11	4	9	8	20	12:45 PM	44	174	47	166	91	340
1:00 AM	3	7	1	7	4	14	1:00 PM	41	164	30	158	71	322
1:15 AM	2	4	4	7	6	11	1:15 PM	50	160	44	175	94	335
1:30 AM	2	4	0	3	2	7	1:30 PM	39	152	45	164	84	316
1:45 AM	0	4	2	4	2	8	1:45 PM	34	151	39	169	73	320
2:00 AM	0	5	1	2	1	7	2:00 PM	37	148	47	162	84	310
2:15 AM	2	6	0	2	2	8	2:15 PM	42	138	33	155	75	293
2:30 AM	2	6	1	4	3	10	2:30 PM	38	140	50	169	88	309
2:45 AM	1	4	0	4	1	8	2:45 PM	31	154	32	166	63	320
3:00 AM	1	5	1	7	2	12	3:00 PM	27	171	40	203	67	374
3:15 AM	2	7	2	7	4	14	3:15 PM	44	203	47	220	91	423
3:30 AM	0	10	1	6	1	16	3:30 PM	52	204	47	215	99	419
3:45 AM	2	13	3	5	5	18	3:45 PM	48	191	69	226	117	417
4:00 AM	3	15	1	5	4	20	4:00 PM	59	202	57	235	116	437
4:15 AM	5	19	1	7	6	26	4:15 PM	45	188	42	248	87	436
4:30 AM	3	17	0	9	3	26	4:30 PM	39	199	58	265	97	464
4:45 AM	4	21	3	16	7	37	4:45 PM	59	209	78	266	137	475
5:00 AM	7	26	3	21	10	47	5:00 PM	45	201	70	240	115	441
5:15 AM	3	34	3	24	6	58	5:15 PM	56	190	59	237	115	427
5:30 AM	7	40	7	26	14	66	5:30 PM	49	181	59	235	108	416
5:45 AM	9	60	8	26	17	86	5:45 PM	51	160	52	226	103	386
6:00 AM	15	87	6	30	21	117	6:00 PM	34	151	67	205	101	356
6:15 AM	9	94	5	42	14	136	6:15 PM	47	147	57	188	104	335
6:30 AM	27	102	7	59	34	161	6:30 PM	28	117	50	169	78	286
6:45 AM	36	109	12	74	48	183	6:45 PM	42	113	31	150	73	263
7:00 AM	22	116	18	86	40	202	7:00 PM	30	105	50	156	80	261
7:15 AM	17	140	22	94	39	234	7:15 PM	17	102	38	136	55	238
7:30 AM	34	163	22	104	56	267	7:30 PM	24	112	31	144	55	256
7:45 AM	43	178	24	113	67	291	7:45 PM	34	102	37	147	71	249
8:00 AM	46	174	26	122	72	296	8:00 PM	27	94	30	139	57	233
8:15 AM	40	173	32	125	72	298	8:15 PM	27	85	46	135	73	220
8:30 AM	49	163	31	120	80	283	8:30 PM	14	73	34	111	48	184
8:45 AM	39	180	33	117	72	297	8:45 PM	26	78	29	99	55	177
9:00 AM	45	197	29	118	74	315	9:00 PM	18	64	26	90	44	154
9:15 AM	30	193	27	125	57	318	9:15 PM	15	59	22	78	37	137
9:30 AM	66	206	28	133	94	339	9:30 PM	19	51	22	65	41	116
9:45 AM	56	174	34	144	90	318	9:45 PM	12	46	20	62	32	108
10:00 AM	41	168	36	142	77	310	10:00 PM	13	45	14	58	27	103
10:15 AM	43	163	35	161	78	324	10:15 PM	7	36	9	46	16	82
10:30 AM	34	155	39	168	73	323	10:30 PM	14	35	19	45	33	80
10:45 AM	50	163	32	170	82	333	10:45 PM	11	27	16	33	27	60
11:00 AM	36	165	55	172	91	337	11:00 PM	4	19	2	28	6	47
11:15 AM	35	173	42	162	77	335	11:15 PM	6		8		14	
11:30 AM	42	178	41	166	83	344	11:30 PM	6		7		13	
11:45 AM	52	176	34	171	86	347	11:45 PM	3		11		14	

Direction	24 Hour	AM Peak Hour		PM Peak Hour	
	Volume	Time	Volume	Time	Volume
Total	5097	11:45 AM	347	4:45 PM	475
N/B	2507	9:30 AM	206	4:45 PM	209
S/B	2590	11:00 AM	172	4:45 PM	266

Eshelman Avenue

Speed Measurements for E&TS

Radar Speed Check

Los Angeles County Department of Public Works

Traffic and Lighting

Street Name: ESHELMAN AVENUE S/O ESHELMAN WAY (N) TG: 793-H4

Equip #: PYT846005280

O=Southbound X=Northbound

		#	%ea	cum. %
45				
	X	1	1%	100%
	X	1	1%	99%
	X	1	1%	98%
40				
	X	1	1%	97%
	X X X O O	5	5%	96%
	X X X X X O O	7	7%	91%
35	X X X X X O O O O O O O	12	12%	84%
	X X X X X X O O O O O O	11	11%	72%
	X X X X X X O O O O O O O	13	13%	61%
	X X X X X X O O O O O O	12	12%	48%
	X X X X X X X O O O O	11	11%	36%
30	X X X X X O O O O O	10	10%	25%
	X X O O O O O	7	7%	15%
	X O O O	4	4%	8%
	O O	2	2%	4%
	O	1	1%	2%
25	O	1	1%	1%
20				
15				
10				
5				
0				
	Total Samples	100		

Posted Speed:		Date of Survey:	12/8/2021	Start Time:	10:10 AM
Average Speed:	32.7	Weather:	Clear	End Time:	10:50 AM
85th Percentile Speed:	36	Road Condition:	Good	Requested By:	Irena Guilmette
50th Percentile Speed:	33	Comments:		Observer:	Anthony P Gonzales
15th Percentile Speed:	29				
10 MPH Pace Speed:	28-37				
Number in Pace:	92				
Percent in Pace	92.0%				

Radar Speed Check

Los Angeles County Department of Public Works

Traffic and Lighting

Street Name: ESHELMAN AVENUE S/O 250TH STREET

TG: 793-H4

Equip #: PYT846005280

O=Southbound X=Northbound

		#	%ea	cum. %
50	X	1	1%	100%
	X	1	1%	99%
45				
	X	1	1%	98%
	X O	2	2%	97%
	X X X X O O	6	6%	95%
40	X X X X O	5	5%	89%
	X X X O O O	6	6%	84%
	X X O O O O O	7	7%	78%
	X X O O O O	6	6%	71%
	X X X O O O	6	6%	65%
35	X X X X O O O O	8	8%	59%
	X X X X X O O	7	7%	51%
	X X X X X X X O O	9	9%	44%
	X X O O O O O	7	7%	35%
	X X X X X O O O O O	10	10%	28%
30	X X X O O O O O	8	8%	18%
	X X O O O	5	5%	10%
	O O O	3	3%	5%
25	O	1	1%	2%
	O	1	1%	1%
20				
15				
10				
5				
	Total Samples	100		

Posted Speed: 30
 Average Speed: 34.8
 85th Percentile Speed: 40
 50th Percentile Speed: 34
 15th Percentile Speed: 30
 10 MPH Pace Speed: 30-39
 Number in Pace: 74
 Percent in Pace: 74.0%

Date of Survey: 12/8/2021 Start Time: 10:55 AM
 Weather: Clear End Time: 11:35 AM
 Road Condition: Good Requested By: Irena Guilmette
 Comments: Observer: Anthony P Gonzales

Radar Speed Check Los Angeles County Department of Public Works Traffic and Lighting

Street Name: ESHELMAN AVENUE S/O 253RD PLACE

TG: 793-H4

Equip #: PYT846005280

O=Southbound X=Northbound

		#	%ea	cum. %
45	X	1	1%	100%
40	X O O	3	3%	99%
	X X O O O O	6	6%	96%
	X X O	3	3%	90%
	X X X O O O O	7	7%	87%
35	X X X X X X O O O	9	9%	80%
	X X X X X O O O O O O	11	11%	71%
	X X X X X X X O O O O O O O	14	14%	60%
	X X X X X X X O O O O O	12	12%	46%
	X X X X X X O O O	9	9%	34%
30	X X X X O O O O O	9	9%	25%
	O O O	3	3%	16%
	X X O O O O	6	6%	13%
	X X X	3	3%	7%
	X	1	1%	4%
25	O O O	3	3%	3%
20				
15				
10				
5				
0				
Total Samples		100		

Posted Speed: 30
 Average Speed: 32.7
 85th Percentile Speed: 36
 50th Percentile Speed: 33
 15th Percentile Speed: 29
 10 MPH Pace Speed: 27-36
 Number in Pace: 83
 Percent in Pace: 83.0%

Date of Survey: 12/8/2021 Start Time: 11:40 AM
 Weather: Clear End Time: 12:10 PM
 Road Condition: Good Requested By: Irena Guilmette
 Comments: Observer: Anthony P Gonzales

Joe Bello



TRAFFIC RADAR CERTIFICATION

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

16202 Keats Circle
Westminster, Calif. 92683

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

1	TEST ID	Date Received 1-18-19	Certification Number 73814			
2	DEVICE ID	Make: MPH Industries	Model: Python	Type (I-IV) IV	Directional radar <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Same direction <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
		Counting unit S/N 846005280	Antenna-1 S/N 831007469	Antenna-2 S/N		
3	§ 2.4 / § 5.4 TUNING FORK CALIBRATION	Low speed fork S/N 467853	Last date calib.	Freq. (Hz)	Speed (mph) 35	Measured (Hz) 2529
		High speed fork S/N 478039	Last date calib.	Freq. (Hz)	Speed (mph) 65	Measured (Hz) 4687
4	§ 2.5 / § 5.5 RADAR DEVICE TUNING FORK TESTS	Stationary mode		Lo fork	High fork	PASS FAIL
		Fork speed (mph)		35	65	
		Disp. Speed (mph)		35	65	
		Moving mode Opposite Direction	TARGET SPEED (Hi fork - Lo fork)	Expected. (mph) 30	Displayed. (mph) 30	
Moving mode Same Direction	TARGET SPEED (Hi fork + Lo fork)	Expected. (mph) 100	Displayed. (mph) 100			
5	§ 2.6.1. / § 5.6.1 TRANSMISSION FREQUENCY STABILITY	Standard supply Voltage (V) 13.6 V	Antenna 1 Freq. GHz 24.178	Antenna 2 Freq. GHz	PASS FAIL	
		Standard supply Voltage - 20% (V) 10.8 V	Antenna 1 Freq. GHz 24.178	Antenna 2 Freq. GHz		
		Standard supply voltage + 20% (V) 16.3 V	Antenna 1 Freq. GHz 24.178	Antenna 2 Freq. GHz		
6	§ 2.6.5 / § 5.6.5 POWER DENSITY	Mfg. Spec. (max mW/cm) ≤ 5	Antenna 1 Power (mW/cm) .51	Antenna 2 Power (mW/cm)	PASS FAIL	
7	§ 2.8 / § 5.8 LOW VOLTAGE	Mfg. spec. (V) ≤ 10.8 V	LVA activates (V) 9.0	LVA deactivates (V) 10.2	PASS FAIL	
8	§ 2.9.1 / § 5.9.1 DOPPLER AUDIO	A. Audio tone correlates with received Doppler signal <input type="checkbox"/> Yes <input type="checkbox"/> No ☑ N.A.		B. Functioning audio volume-adjustment control <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		PASS FAIL
9	§ 2.12.4 / § 5.12.4 INTERNAL CIRCUIT	Mfg. Spec. 32 PAS	Test results 32 PAS		PASS FAIL	
10	§ 2.12.6.5 / § 5.12.6.5 DIRECTIONAL	A. Selects only targets moving towards radar <input type="checkbox"/> Yes <input type="checkbox"/> No ☑ N.A.		B. Selects only targets moving away from radar <input type="checkbox"/> Yes <input type="checkbox"/> No ☑ N.A.		PASS FAIL
11	§ 2.12.7 / § 2.12.8 / 5.12.7 / 5.12.8 LOW AND HIGH SPEED DISPLAY TEST	Stationary mode: target channel (mph)		Low speed spec. 20	Lo speed disp. 20	PASS FAIL
				Hi speed spec. 200	Hi speed disp. 200	
		Moving Mode target channel (mph)		Low speed spec. 20	Lo speed disp. 20	
				Hi speed spec. 200	Hi speed disp. 200	
		Moving Mode: patrol channel (mph)		Low speed spec. 20	Lo speed disp. 20	
				Hi speed spec. 80	Hi speed disp. 80	
12	§ 2.13 / § 5.13 RFI TEST					PASS FAIL
13	LABORATORY COMMENTS					
14	NHTSA/IACP CERTIFICATION	<p><i>This radar device meets or exceeds the minimal operational standards of the National Traffic Highway Safety Administration. California Vehicle Code Section 40802</i> <input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL</p> <p>Certified by: <i>Fred Bauman</i> Date: 1-18-19</p>				
15	INVENTORY	<input type="checkbox"/> Fork Cert <input type="checkbox"/> Manual <input type="checkbox"/> 2 nd Ant. <input type="checkbox"/> Remote <input type="checkbox"/> Bat. <input type="checkbox"/> Carrying Case <input type="checkbox"/> Other: (please list)				

2

Eshelman Avenue

Collision Data for E&TS

E & T
Accident Rate

Eshelman Av b/w PCH & Torr.n/o 240th St

Approx. Length (Miles):	<u>1.2</u>
Total # Midblock Accidents:	<u>8</u>
Average Daily Volume:	<u>4,191</u>
Time (Years):	<u>2</u>

$$\text{Accident Rate} = \frac{\# \text{ midblock accidents} \times 10^6}{\text{Vol} \times \text{Time}(\text{years}) \times 365 \times \text{Length} (\text{miles})}$$

Accident Rate = 2.18 A/MVM

**Los Angeles County Public Works
Traffic Collision History Report
Midblock Collisions**

1/6/2022

Arterial: ESHELMAN AVENUE

Limit 1: PACIFIC COAST HIGHWAY

Limit 2: 240TH STREET

Date Range Reported: 07/01/2019 - 06/30/2021

Total Number of Collisions: 8

Total Number of Persons Injured: 1

Total Number of Persons Severely Injured:: 0

Total Number of Persons Killed: 0



Seq. No.	Date	Time	Location	Dist.	Dir.	Collision Pattern	Motor Veh Involved With	Dir. of Travel 1	Movement Prec. Coll. 1	Dir. of Travel 2	Movement Prec. Coll. 2	PCF	Inj	Severe	Kill
40	10/25/2019	12:57	ESHELMAN AVENUE & 254TH STREET	100'	North	Midblock Parked Vehicle	Parked Motor Vehicle	North	Proceeding Straight	North	Parked	Improper Turning	1	0	0
30	03/13/2020	21:15	ESHELMAN AVENUE & 250TH STREET	157'	South	Midblock Parked Vehicle	Parked Motor Vehicle	South	Proceeding Straight	South	Parked	Improper Turning	0	0	0
11	05/07/2020	13:08	ESHELMAN AVENUE & ALLBROOK STREET	83'	South	Midblock Parked Vehicle	Parked Motor Vehicle	North	Proceeding Straight	North	Parked	Improper Turning	0	0	0
19	05/11/2020	15:25	ESHELMAN AVENUE & 252ND STREET	449'	North	Midblock Fixed Object	Other Object	North	Ran Off Road			Hazardous Parking	0	0	0
21	06/07/2020	14:00	ESHELMAN AVENUE & 242ND STREET	39'	South	Midblock Parked Vehicle	Parked Motor Vehicle	North	Proceeding Straight	North	Parked	Improper Turning	0	0	0
34	08/29/2020	13:00	ESHELMAN AVENUE & 252ND STREET	294'	North	Midblock Parked Vehicle	Parked Motor Vehicle	North	Proceeding Straight	West	Parked	Improper Turning	0	0	0
30	04/10/2021	15:18	ESHELMAN AVENUE & 252ND STREET	290'	North	Driveway Passing, Turning	Other Motor Vehicle	South	Making Left Turn	South	Proceeding Straight	Unknown	0	0	0
3	06/02/2021	17:00	ESHELMAN AVENUE & 250TH STREET		In Int.	Miscellaneous	Other Motor Vehicle	South	Making U Turn	South	Proceeding Straight	Improper Turning	0	0	0

Segment Length: 1.20 miles (6355')



CITY OF LOMITA COMMISSION REPORT

TO: Public Safety & Traffic Commission **Item No. SCH 5**

FROM: Carla Dillon, P.E., Public Works Director / City Engineer

MEETING DATE: January 19, 2022

SUBJECT: Review and Discussion of the Engineering and Traffic Survey (E&TS) for Palos Verdes Drive North between the Rolling Hills Estates City boundary west of Rolling Vista Drive and the Los Angeles City Boundary east of Western Avenue

RECOMMENDATION

Review and discuss the Engineering and Traffic Survey (E&TS) for Palos Verdes Drive North between the Rolling Hills Estates City boundary west of Rolling Vista Drive and the Los Angeles City Boundary east of Western Avenue and make recommendations to the City Council regarding its approval.

BACKGROUND

To satisfy the requirements of Section 40802(c)(2)(B)(i) of the California Vehicle code (CVC), Engineering and Traffic Surveys (E&TS) are required by the State of California to establish intermediate speed limits and to enforce those limits using radar or other speed measuring devices. The surveys must be conducted in accordance with applicable provisions of the CVC, following procedures outlined in the California Manual of Uniform Traffic Control Devices (MUTCD).

The existing speed zone survey for Palos Verdes Drive North between the Rolling Hills Estates City boundary west of Rolling Vista Drive and the Los Angeles City Boundary east of Western Avenue has recently expired. This survey provides current engineering analysis of the traffic conditions of the road and evaluates the appropriateness of the existing speed limit.

DISCUSSION

The attached E&TS from Irena Guilmette, T.E. #2259 will allow the Los Angeles Sheriff's Department to continue utilizing radar for the enforcement of the speed limit on this segment of Eshelman Avenue. The current speed limit on Palos Verdes Drive North between the Rolling Hills Estates City boundary west of Rolling Vista Drive and the Los Angeles City Boundary east of Western Avenue is 45 mph.

The survey did find that the average 85th percentile speed is 51 mph. The nearest 5 mph increment of the 85th percentile speed would require that the speed limit for this segment of

Palos Verde Drive North be posted at 50 mph. However, Section 22358.8.(a) of the California Vehicle code (CVC) states “If a local authority, after completing an engineering and traffic survey, finds that the speed limit is still more than is reasonable or safe, the local authority may, by ordinance, retain the current speed limit or restore the immediately prior speed limit if that speed limit was established with an engineering and traffic survey and if a registered engineer has evaluated the section of highway and determined that no additional general purpose lanes have been added to the roadway since completion of the traffic survey that established the prior speed limit”. Palos Verdes Drive North meets the conditions in Section 22358.8 (a) of the CVC. Therefore, it is recommended the current speed limit of 45 mph be retained on Palos Verdes Drive North between the Rolling Hills Estates City boundary west of Rolling Vista Drive and the Los Angeles City Boundary east of Western Avenue.

FISCAL IMPACT

No Fiscal Impact.

OPTIONS:

1. Make recommendations for approval to City Council.
2. Provide alternative direction.

ATTACHMENT

1. Engineering and Traffic Survey (E&TS) for Palos Verdes Drive North between the Rolling Hills Estates City boundary west of Rolling Vista Drive and the Los Angeles City Boundary east of Western Avenue.

Recommended by:



Carla Dillon, P.E.
Public Works Director / City Engineer

2022



Attachment 1

PALOS VERDES DRIVE NORTH

(Between Rolling Hills Estates City Boundary west of Rolling Vista Drive and Los Angeles City Boundary east of Western Avenue)

Engineering and Traffic Survey (E&TS)

Prepared by: Irena Guilmette, T.E. #2259
City of Lomita Traffic Advisor
Los Angeles County Public Works
January 2022



January 11, 2022

**PALOS VERDES DRIVE NORTH
BETWEEN ROLLING HILLS ESTATES CITY BOUNDARY WEST OF ROLLING VISTA
DRIVE AND LOS ANGELES CITY BOUNDARY EAST OF WESTERN AVENUE
ENGINEERING AND TRAFFIC SURVEY**

Background

This Engineering and Traffic Survey (E&TS) has been conducted to determine the appropriate speed limit for radar speed enforcement on Palos Verdes Drive North between the Rolling Hills Estates City boundary west of Rolling Vista Drive and the Los Angeles City Boundary east of Western Avenue. This E&TS is based on guidelines set forth in the California Manual on Uniform Traffic Control Devices (CA MUTCD) and the California Vehicle Code (CVC). Pursuant to CVC Section 40802(c)(2)(B)(i), one of the criteria for the legal use of radar equipment on city roadways is that a current E&TS exists reflecting current conditions of the roadway. This E&TS must be updated every seven years in order to continue the use of radar speed enforcement, although the update can be postponed to ten years if a registered engineer determines that no significant changes in roadway or traffic conditions have occurred. This study provides a current engineering analysis of the traffic conditions on Palos Verdes Drive North and evaluates the appropriateness of the existing speed limit.

Limits of the Study

This E&TS was conducted on Palos Verdes Drive North between the Rolling Hills Estates City boundary west of Rolling Vista Drive and the Los Angeles City Boundary east of Western Avenue. This section of Palos Verdes Drive North is completely under the jurisdiction of the City of Lomita.

Existing Conditions

A. Type of Facility

Palos Verdes Drive North between the Rolling Hills Estates City boundary west of Rolling Vista Drive and the Los Angeles City Boundary east of Western Avenue is classified as an Other Principal Arterial street on the California Road System-Functional classification maps. Therefore, an E&TS is required per the CVC if radar enforcement is used.

B. Roadway Geometry and Improvements

Palos Verdes Drive North between the Rolling Hills Estates City boundary west of Rolling Vista Drive and the Los Angeles City Boundary east of Western Avenue has three travel lanes in each direction and is separated by a raised landscaped median. There are dedicated left turn lanes at Rolling Vista Drive, the Harbor Hills residential

development and Western Avenue. There is a dedicated eastbound right turn lane at Western Avenue. Palos Verdes Drive North has a crest vertical curve west of Rolling Vista Drive and a straight flat downgrade from Rolling Vista Drive to the Los Angeles City boundary. There are curb and gutter along both sides of the roadway. There is no sidewalk west of Rolling Vista Drive and there is sidewalk and a bike path on the north side of Palos Verdes Drive North from Rolling Vista Drive to Western Avenue. Palos Verdes Drive North is signalized at its intersections with Rolling Vista Drive and Western Avenue.

C. Fronting Development

Palos Verdes Drive North between the Rolling Hills Estates City boundary west of Rolling Vista Drive and the Los Angeles City Boundary east of Western Avenue is fronted by a mix of non-fronting multiple and single-family residential development along both sides throughout with commercial development on the north side west of Rolling Vista Drive and on both sides east of Western Avenue.

D. Traffic Volume

Machine traffic counts were taken on Palos Verdes Drive North on July 14, 2021, and August 13, 2021. The locations and average daily traffic volumes are shown below in vehicles per day (vpd).

Location	Volume
West of Rolling Vista Drive	29,363
West of Western Avenue	25,810
East of Western Avenue	19,052
Average Traffic Volume: 24,742 vpd	

E. Existing Speed Zones

The posted speed limit on Palos Verdes Drive North between the Rolling Hills Estates City boundary west of Rolling Vista Drive and the Los Angeles City Boundary east of Western Avenue is 45 miles per hour (mph).

F. Collision Rate

Collision information was compiled for Palos Verdes Drive North for the two-year period ending June 30, 2021. The collision rate is shown below in comparison to the Countywide expected rate in collisions per million vehicle miles (C/MVM):

Location	Actual	Expected
The Rolling Hills Estates City boundary west of Rolling Vista Drive to the Los Angeles City Boundary east of Western Avenue	0.28 C/MVM	1.15 ± 0.65 C/MVM

G. Enforcement Jurisdiction

Enforcement of the CVC for this segment of Palos Verdes Drive North is under the jurisdiction of the Lomita Sheriff.

H. Speed Survey Data

Radar speed checks were taken on Palos Verdes Drive North on July 22, 2021. The speed measurements were measured in miles per hour (mph). A model Python IV Traffic Radar (Serial No. 546004100) was used to conduct these speed checks and it was last calibrated on January 18, 2019. The location and findings are listed below:

Location	Existing Speed Limit (mph)	85 th Percentile Speed (mph)	Pace Speed (mph)
West of Rolling Vista Drive	45	53	43 – 52
West of Western Avenue	45	52	44 – 53
East of Western Avenue	45	49	40 – 49
Average 85 th Percentile Speed: 51 mph			

Conclusions and Recommendations

**Palos Verdes Drive North
 between Rolling Hills Estates City boundary west of Rolling Vista Drive and Los Angeles City boundary east of Western Avenue**

The posted speed limit on Palos Verdes Drive North between the Rolling Hills Estates City boundary west of Rolling Vista Drive and the Los Angeles City Boundary east of Western Avenue is 45 mph. Radar speed checks taken in July 2021 revealed an overall average 85th percentile speed of 51 mph on this segment of Palos Verdes Drive North. The collision rate for this segment is 0.28 C/MVM, which is below the Countywide expected rate of 1.15 ± 0.65 C/MVM. The nearest 5 mph increment of the 85th percentile speed of 51 mph would be 50 mph. The 85th percentile speed would require that the speed limit for this segment of

Palos Verdes Drive North be posted at 50 mph. However, Section 22358.8.(a) of the California Vehicle code (CVC) states “If a local authority, after completing an engineering and traffic survey, finds that the speed limit is still more than is reasonable or safe, the local authority may, by ordinance, retain the current speed limit or restore the immediately prior speed limit if that speed limit was established with an engineering and traffic survey and if a registered engineer has evaluated the section of highway and determined that no additional general purpose lanes have been added to the roadway since completion of the traffic survey that established the prior speed limit”. Palos Verdes Drive North meets the conditions in Section 22358.8 (a) of the CVC. Therefore, it is recommended the current speed limit of 45 mph be retained on Palos Verdes Drive North between the Rolling Hills Estates City boundary west of Rolling Vista Drive and the Los Angeles City Boundary east of Western Avenue.

Summary of Recommendations	Existing	Proposed
Palos Verdes Drive North between the Rolling Hills Estates City boundary west of Rolling Vista Drive and the Los Angeles City Boundary east of Western Avenue	45 mph	45 mph

Irena Guilmette

Project Engineer

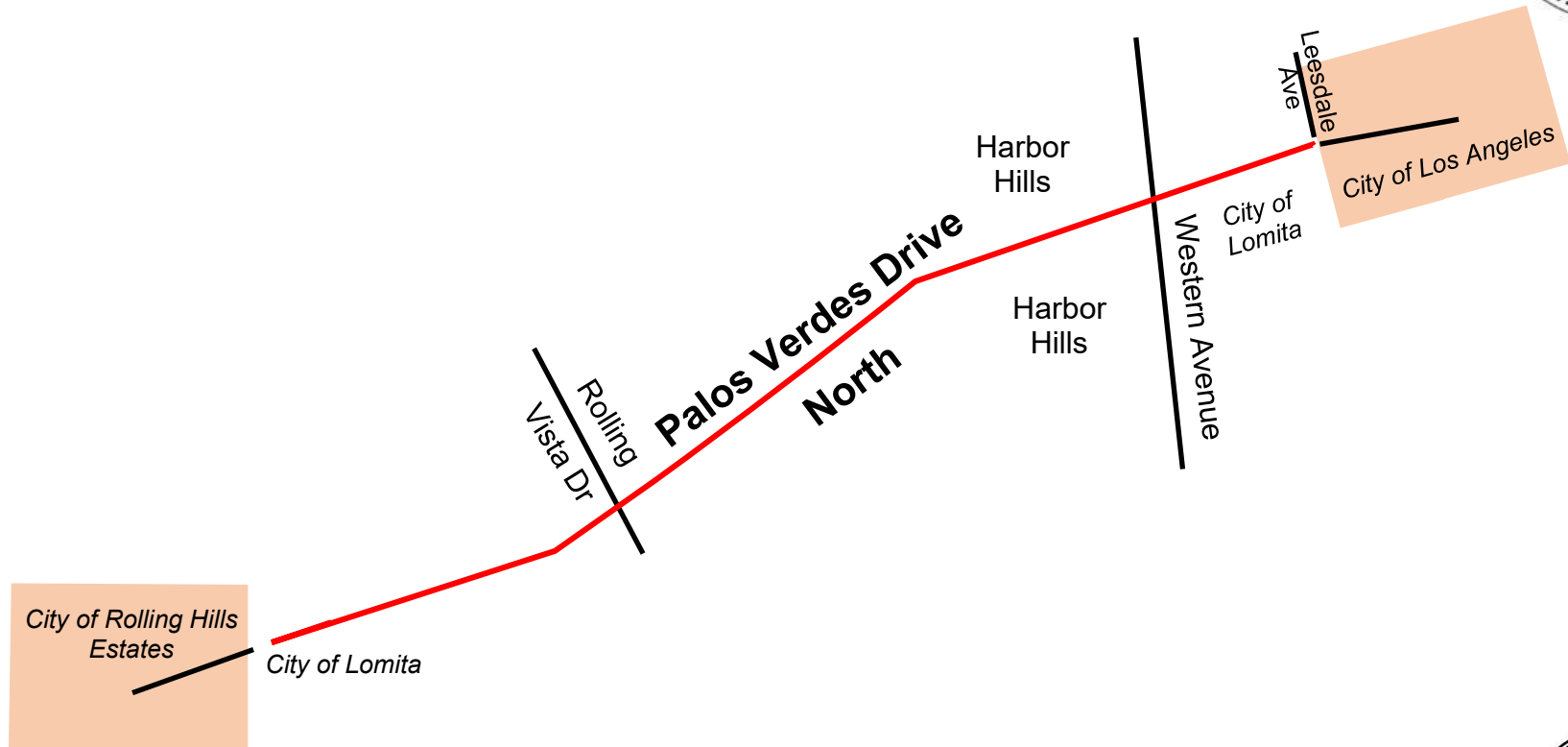
January 11, 2021

Date



Palos Verdes Drive North Engineering and Traffic Survey

(Rolling Hills Estates City boundary west of Rolling Vista Drive to the Los Angeles City Boundary east of Western Avenue)



Legend

mph = miles per hour

vpd = vehicles per day

 = E&TS roadway segment

Recommended Speed Limit	40 mph
85 th % speed	51 mph
Average Daily Traffic (ADT)	24,742 vpd
Prepared	January 11, 2022

PALOS VERDES DRIVE NORTH

Traffic Volumes for E&TS

Los Angeles County Department of Public Works

24 Hour Traffic Count

Access Date: 12/13/21 6:35 AM

Report ID: HOME 535V

Count Date: 7/14/2021 Wednesday

Conditions: Clear

Location: PALOS VERDES DRIVE NORTH W/O ROLLING VISTA DRIVE

Time	E/B		W/B		Total		Time	E/B		W/B		Total	
	15'	Hour	15'	Hour	15'	Hour		15'	Hour	15'	Hour	15'	Hour
12:00 AM	20	70	21	67	41	137	12:00 PM	252	1029	234	872	486	1901
12:15 AM	15	55	18	62	33	117	12:15 PM	260	1017	218	863	478	1880
12:30 AM	18	49	16	50	34	99	12:30 PM	251	993	220	864	471	1857
12:45 AM	17	39	12	41	29	80	12:45 PM	266	1002	200	848	466	1850
1:00 AM	5	28	16	37	21	65	1:00 PM	240	978	225	869	465	1847
1:15 AM	9	31	6	23	15	54	1:15 PM	236	1012	219	856	455	1868
1:30 AM	8	26	7	21	15	47	1:30 PM	260	1039	204	859	464	1898
1:45 AM	6	21	8	23	14	44	1:45 PM	242	1077	221	901	463	1978
2:00 AM	8	18	2	27	10	45	2:00 PM	274	1093	212	932	486	2025
2:15 AM	4	16	4	36	8	52	2:15 PM	263	1088	222	1015	485	2103
2:30 AM	3	19	9	42	12	61	2:30 PM	298	1114	246	1037	544	2151
2:45 AM	3	22	12	47	15	69	2:45 PM	258	1112	252	1006	510	2118
3:00 AM	6	23	11	47	17	70	3:00 PM	269	1162	295	1000	564	2162
3:15 AM	7	19	10	49	17	68	3:15 PM	289	1196	244	929	533	2125
3:30 AM	6	22	14	51	20	73	3:30 PM	296	1203	215	905	511	2108
3:45 AM	4	31	12	51	16	82	3:45 PM	308	1201	246	930	554	2131
4:00 AM	2	46	13	71	15	117	4:00 PM	303	1167	224	928	527	2095
4:15 AM	10	74	12	81	22	155	4:15 PM	296	1160	220	958	516	2118
4:30 AM	15	113	14	105	29	218	4:30 PM	294	1158	240	992	534	2150
4:45 AM	19	159	32	147	51	306	4:45 PM	274	1156	244	1020	518	2176
5:00 AM	30	222	23	195	53	417	5:00 PM	296	1164	254	1032	550	2196
5:15 AM	49	266	36	246	85	512	5:15 PM	294	1134	254	1034	548	2168
5:30 AM	61	334	56	325	117	659	5:30 PM	292	1128	268	1028	560	2156
5:45 AM	82	400	80	434	162	834	5:45 PM	282	1060	256	975	538	2035
6:00 AM	74	451	74	608	148	1059	6:00 PM	266	978	256	907	522	1885
6:15 AM	117	529	115	764	232	1293	6:15 PM	288	902	248	833	536	1735
6:30 AM	127	600	165	897	292	1497	6:30 PM	224	772	215	751	439	1523
6:45 AM	133	699	254	1026	387	1725	6:45 PM	200	726	188	710	388	1436
7:00 AM	152	780	230	1096	382	1876	7:00 PM	190	672	182	678	372	1350
7:15 AM	188	865	248	1142	436	2007	7:15 PM	158	648	166	614	324	1262
7:30 AM	226	895	294	1216	520	2111	7:30 PM	178	656	174	585	352	1241
7:45 AM	214	914	324	1198	538	2112	7:45 PM	146	616	156	535	302	1151
8:00 AM	237	966	276	1160	513	2126	8:00 PM	166	590	118	487	284	1077
8:15 AM	218	989	322	1114	540	2103	8:15 PM	166	566	137	483	303	1049
8:30 AM	245	993	276	1000	521	1993	8:30 PM	138	524	124	438	262	962
8:45 AM	266	990	286	935	552	1925	8:45 PM	120	482	108	410	228	892
9:00 AM	260	954	230	897	490	1851	9:00 PM	142	428	114	382	256	810
9:15 AM	222	936	208	863	430	1799	9:15 PM	124	372	92	340	216	712
9:30 AM	242	951	211	858	453	1809	9:30 PM	96	305	96	301	192	606
9:45 AM	230	935	248	831	478	1766	9:45 PM	66	258	80	277	146	535
10:00 AM	242	933	196	797	438	1730	10:00 PM	86	242	72	257	158	499
10:15 AM	237	885	203	775	440	1660	10:15 PM	57	201	53	231	110	432
10:30 AM	226	872	184	768	410	1640	10:30 PM	49	190	72	214	121	404
10:45 AM	228	879	214	819	442	1698	10:45 PM	50	167	60	175	110	342
11:00 AM	194	899	174	843	368	1742	11:00 PM	45	142	46	139	91	281
11:15 AM	224	957	196	903	420	1860	11:15 PM	46		36		82	
11:30 AM	233	993	235	925	468	1918	11:30 PM	26		33		59	
11:45 AM	248	1011	238	910	486	1921	11:45 PM	25		24		49	

24 Hour		AM Peak Hour		PM Peak Hour	
Direction	Volume	Time	Volume	Time	Volume
Total	29363	8:00 AM	2126	5:00 PM	2196
E/B	15035	11:45 AM	1011	3:30 PM	1203
W/B	14328	7:30 AM	1216	2:30 PM	1037

Los Angeles County Department of Public Works

24 Hour Traffic Count

Report ID: HOME 533V

Access Date: 12/13/21 6:36 AM

Count Date: 7/14/2021 Wednesday

Conditions: Clear

Location: PALOS VERDES DRIVE NORTH W/O WESTERN AVENUE

Time	E/B		W/B		Total		Time	E/B		W/B		Total	
	15'	Hour	15'	Hour	15'	Hour		15'	Hour	15'	Hour	15'	Hour
12:00 AM	17	65	17	64	34	129	12:00 PM	214	796	206	776	420	1572
12:15 AM	14	52	20	64	34	116	12:15 PM	215	773	206	819	421	1592
12:30 AM	25	46	18	52	43	98	12:30 PM	187	710	198	802	385	1512
12:45 AM	9	28	9	39	18	67	12:45 PM	180	703	166	813	346	1516
1:00 AM	4	23	17	36	21	59	1:00 PM	191	694	249	841	440	1535
1:15 AM	8	27	8	24	16	51	1:15 PM	152	659	189	788	341	1447
1:30 AM	7	22	5	23	12	45	1:30 PM	180	705	209	823	389	1528
1:45 AM	4	17	6	25	10	42	1:45 PM	171	726	194	840	365	1566
2:00 AM	8	16	5	31	13	47	2:00 PM	156	733	196	922	352	1655
2:15 AM	3	14	7	40	10	54	2:15 PM	198	759	224	992	422	1751
2:30 AM	2	19	7	43	9	62	2:30 PM	201	771	226	1010	427	1781
2:45 AM	3	22	12	49	15	71	2:45 PM	178	775	276	1016	454	1791
3:00 AM	6	23	14	50	20	73	3:00 PM	182	792	266	936	448	1728
3:15 AM	8	23	10	48	18	71	3:15 PM	210	808	242	896	452	1704
3:30 AM	5	25	13	51	18	76	3:30 PM	205	798	232	870	437	1668
3:45 AM	4	31	13	53	17	84	3:45 PM	195	789	196	886	391	1675
4:00 AM	6	50	12	66	18	116	4:00 PM	198	788	226	918	424	1706
4:15 AM	10	82	13	77	23	159	4:15 PM	200	822	216	944	416	1766
4:30 AM	11	116	15	87	26	203	4:30 PM	196	852	248	992	444	1844
4:45 AM	23	181	26	118	49	299	4:45 PM	194	856	228	984	422	1840
5:00 AM	38	238	23	156	61	394	5:00 PM	232	880	252	1013	484	1893
5:15 AM	44	283	23	201	67	484	5:15 PM	230	880	264	981	494	1861
5:30 AM	76	355	46	268	122	623	5:30 PM	200	853	240	950	440	1803
5:45 AM	80	415	64	393	144	808	5:45 PM	218	855	257	884	475	1739
6:00 AM	83	452	68	549	151	1001	6:00 PM	232	809	220	830	452	1639
6:15 AM	116	513	90	675	206	1188	6:15 PM	203	743	233	768	436	1511
6:30 AM	136	601	171	825	307	1426	6:30 PM	202	692	174	695	376	1387
6:45 AM	117	675	220	914	337	1589	6:45 PM	172	646	203	699	375	1345
7:00 AM	144	762	194	1006	338	1768	7:00 PM	166	605	158	644	324	1249
7:15 AM	204	806	240	1038	444	1844	7:15 PM	152	611	160	616	312	1227
7:30 AM	210	792	260	1064	470	1856	7:30 PM	156	595	178	577	334	1172
7:45 AM	204	830	312	1054	516	1884	7:45 PM	131	557	148	509	279	1066
8:00 AM	188	852	226	1003	414	1855	8:00 PM	172	560	130	459	302	1019
8:15 AM	190	900	266	1005	456	1905	8:15 PM	136	519	121	417	257	936
8:30 AM	248	918	250	943	498	1861	8:30 PM	118	482	110	384	228	866
8:45 AM	226	891	261	915	487	1806	8:45 PM	134	441	98	372	232	813
9:00 AM	236	886	228	870	464	1756	9:00 PM	131	376	88	338	219	714
9:15 AM	208	889	204	762	412	1651	9:15 PM	99	325	88	320	187	645
9:30 AM	221	911	222	735	443	1646	9:30 PM	77	262	98	284	175	546
9:45 AM	221	902	216	707	437	1609	9:45 PM	69	235	64	248	133	483
10:00 AM	239	897	120	695	359	1592	10:00 PM	80	204	70	232	150	436
10:15 AM	230	857	177	724	407	1581	10:15 PM	36	164	52	202	88	366
10:30 AM	212	853	194	742	406	1595	10:30 PM	50	161	62	186	112	347
10:45 AM	216	865	204	750	420	1615	10:45 PM	38	141	48	147	86	288
11:00 AM	199	855	149	772	348	1627	11:00 PM	40	123	40	124	80	247
11:15 AM	226	870	195	829	421	1699	11:15 PM	33		36		69	
11:30 AM	224	859	202	840	426	1699	11:30 PM	30		23		53	
11:45 AM	206	822	226	836	432	1658	11:45 PM	20		25		45	

Direction	24 Hour	AM Peak Hour		PM Peak Hour	
	Volume	Time	Volume	Time	Volume
Total	25810	8:15 AM	1905	5:00 PM	1893
E/B	12479	8:30 AM	918	5:00 PM	880
W/B	13331	7:30 AM	1064	2:45 PM	1016

Los Angeles County Department of Public Works

24 Hour Traffic Count

Report ID: HOME 591V

Access Date: 12/13/21 6:33 AM

Count Date: 8/13/2021 Friday

Conditions: Clear

Location: PALOS VERDES DRIVE NORTH E/O WESTERN AVENUE

Time	E/B		W/B		Total		Time	E/B		W/B		Total	
	15'	Hour	15'	Hour	15'	Hour		15'	Hour	15'	Hour	15'	Hour
12:00 AM	32	105	31	105	63	210	12:00 PM	180	656	160	632	340	1288
12:15 AM	34	82	33	95	67	177	12:15 PM	146	648	154	616	300	1264
12:30 AM	17	58	25	78	42	136	12:30 PM	160	690	160	602	320	1292
12:45 AM	22	55	16	69	38	124	12:45 PM	170	672	158	600	328	1272
1:00 AM	9	46	21	66	30	112	1:00 PM	172	696	144	606	316	1302
1:15 AM	10	47	16	58	26	105	1:15 PM	188	681	140	620	328	1301
1:30 AM	14	45	16	54	30	99	1:30 PM	142	681	158	631	300	1312
1:45 AM	13	40	13	50	26	90	1:45 PM	194	699	164	633	358	1332
2:00 AM	10	38	13	46	23	84	2:00 PM	157	678	158	623	315	1301
2:15 AM	8	31	12	48	20	79	2:15 PM	188	691	151	639	339	1330
2:30 AM	9	28	12	46	21	74	2:30 PM	160	687	160	665	320	1352
2:45 AM	11	28	9	43	20	71	2:45 PM	173	671	154	677	327	1348
3:00 AM	3	23	15	47	18	70	3:00 PM	170	641	174	710	344	1351
3:15 AM	5	26	10	40	15	66	3:15 PM	184	655	177	720	361	1375
3:30 AM	9	27	9	44	18	71	3:30 PM	144	649	172	741	316	1390
3:45 AM	6	24	13	50	19	74	3:45 PM	143	687	187	781	330	1468
4:00 AM	6	26	8	52	14	78	4:00 PM	184	714	184	761	368	1475
4:15 AM	6	34	14	55	20	89	4:15 PM	178	693	198	771	376	1464
4:30 AM	6	42	15	58	21	100	4:30 PM	182	695	212	765	394	1460
4:45 AM	8	64	15	65	23	129	4:45 PM	170	653	167	773	337	1426
5:00 AM	14	92	11	76	25	168	5:00 PM	163	621	194	817	357	1438
5:15 AM	14	118	17	88	31	206	5:15 PM	180	594	192	774	372	1368
5:30 AM	28	150	22	106	50	256	5:30 PM	140	572	220	758	360	1330
5:45 AM	36	178	26	150	62	328	5:45 PM	138	543	211	736	349	1279
6:00 AM	40	196	23	214	63	410	6:00 PM	136	505	151	689	287	1194
6:15 AM	46	201	35	264	81	465	6:15 PM	158	484	176	675	334	1159
6:30 AM	56	239	66	332	122	571	6:30 PM	111	434	198	645	309	1079
6:45 AM	54	250	90	410	144	660	6:45 PM	100	449	164	575	264	1024
7:00 AM	45	274	73	447	118	721	7:00 PM	115	465	137	531	252	996
7:15 AM	84	307	103	499	187	806	7:15 PM	108	458	146	498	254	956
7:30 AM	67	327	144	534	211	861	7:30 PM	126	470	128	478	254	948
7:45 AM	78	366	127	541	205	907	7:45 PM	116	440	120	458	236	898
8:00 AM	78	392	125	559	203	951	8:00 PM	108	401	104	410	212	811
8:15 AM	104	448	138	576	242	1024	8:15 PM	120	379	126	387	246	766
8:30 AM	106	475	151	574	257	1049	8:30 PM	96	341	108	353	204	694
8:45 AM	104	521	145	599	249	1120	8:45 PM	77	329	72	312	149	641
9:00 AM	134	589	142	592	276	1181	9:00 PM	86	316	81	323	167	639
9:15 AM	131	628	136	608	267	1236	9:15 PM	82	286	92	313	174	599
9:30 AM	152	693	176	609	328	1302	9:30 PM	84	246	67	271	151	517
9:45 AM	172	674	138	591	310	1265	9:45 PM	64	208	83	257	147	465
10:00 AM	173	665	158	627	331	1292	10:00 PM	56	186	71	231	127	417
10:15 AM	196	652	137	624	333	1276	10:15 PM	42	168	50	216	92	384
10:30 AM	133	643	158	624	291	1267	10:30 PM	46	167	53	202	99	369
10:45 AM	163	667	174	618	337	1285	10:45 PM	42	149	57	187	99	336
11:00 AM	160	653	155	601	315	1254	11:00 PM	38	141	56	168	94	309
11:15 AM	187	673	137	606	324	1279	11:15 PM	41		36		77	
11:30 AM	157	632	152	623	309	1255	11:30 PM	28		38		66	
11:45 AM	149	635	157	631	306	1266	11:45 PM	34		38		72	

24 Hour		AM Peak Hour		PM Peak Hour	
Direction	Volume	Time	Volume	Time	Volume
Total	19052	9:30 AM	1302	4:00 PM	1475
E/B	9119	9:30 AM	693	4:00 PM	714
W/B	9933	11:45 AM	631	5:00 PM	817

PALOS VERDES DRIVE NORTH

Speed Measurements for E&TS

Radar Speed Check Los Angeles County Department of Public Works Traffic and Lighting

Street Name: PALOS VERDES DRIVE NORTH W/O ROLLING VISTA DRIVE **TG:** 793-J6 **Equip #:** PYT546004100

O=Westbound X=Eastbound

		#	%ea	cum. %
60				
	X X X	3	3%	100%
	X X	2	2%	97%
55	X X X X	4	4%	95%
	X X X	3	3%	91%
	X X O O O	5	5%	88%
	X X X O O O O	7	7%	83%
	X O O O	4	4%	76%
50	X X X X O O O O O	9	9%	72%
	X X X X X X O O O	9	9%	63%
	X X X X X X X O O O	10	10%	54%
	X X X X X X O O O O	10	10%	44%
	X X X O O O O O O	9	9%	34%
45	X X X X O O O O	8	8%	25%
	O O O	3	3%	17%
	X O O O O	5	5%	14%
	X O O O O	5	5%	9%
	O O O	3	3%	4%
40	O	1	1%	1%
35				
30				
25				
20				
15				
Total Samples		100		

Posted Speed:	45	Date of Survey:	7/22/2021	Start Time:	1:10 PM
Average Speed:	48.3	Weather:	Clear	End Time:	1:40 PM
85th Percentile Speed:	53	Road Condition:	Good	Requested By:	Irena Guilmette
50th Percentile Speed:	48	Comments:		Observer:	Anthony P Gonzales
15th Percentile Speed:	44				
10 MPH Pace Speed:	43-52				
Number in Pace:	74				
Percent in Pace	74.0%				

Radar Speed Check Los Angeles County Department of Public Works Traffic and Lighting

Street Name: PALOS VERDES DRIVE NORTH W/O WESTERN AVENUE TG: 793-J6

Equip #: PYT546004100

O=Westbound X=Eastbound

		#	%ea	cum. %
65				
	O	1	1%	100%
60				
	O O	2	2%	99%
55	O O O	3	2.9%	97.1%
	O O	2	2%	94.1%
	X X O O O O	6	5.9%	92.2%
	X X X O O O O O	8	7.8%	86.3%
	X X X X O O O O O	9	8.8%	78.4%
50	X X X X X X X X O	9	8.8%	69.6%
	X X X X X X O O	8	7.8%	60.8%
	X X X X O	5	4.9%	52.9%
	X X X X X O O O O O O O O	13	12.7%	48%
	X X X X O O O O O O	10	9.8%	35.3%
45	X X X X O O O O	8	7.8%	25.5%
	X X X X O O	6	5.9%	17.6%
	X X X O	4	3.9%	11.8%
	X X X X O	5	4.9%	7.8%
	O	1	1%	2.9%
40	O O	2	2%	2%
35				
30				
25				
20				
	Total Samples	102		

Posted Speed:	45	Date of Survey:	7/22/2021	Start Time:	11:15 AM
Average Speed:	48.2	Weather:	Clear	End Time:	11:45 AM
85th Percentile Speed:	52	Road Condition:	Good	Requested By:	Irena Guilmette
50th Percentile Speed:	48	Comments:		Observer:	Anthony P Gonzales
15th Percentile Speed:	44				
10 MPH Pace Speed:	44-53				
Number in Pace:	82				
Percent in Pace	80.4%				

Radar Speed Check Los Angeles County Department of Public Works Traffic and Lighting

Street Name: PALOS VERDES DRIVE NORTH E/O WESTERN AVENUE TG: 793-J6

Equip #: PYT546004100

O=Westbound X=Eastbound

		#	%ea	cum. %
65				
	O	1	1%	100%
60				
55				
	X X	2	2%	99%
	X X X	3	3%	97%
	X X O O	4	4%	94%
50	X O O	3	3%	90%
	X X O O	4	4%	87%
	X X O O O O	6	6%	83%
	X X X X X X O O O O O	11	11%	77%
	X X X X X X X X O O O O O O O O	16	16%	66%
45	X X X X X X X X X O O O O O O O O	18	18%	50%
	X X X O O O O	7	7%	32%
	X X X O O O	6	6%	25%
	X X O O O	5	5%	19%
	X X O O	4	4%	14%
40	X X X O O	5	5%	10%
	O O	2	2%	5%
	X X	2	2%	3%
	O	1	1%	1%
35				
30				
25				
20				
Total Samples		100		

Posted Speed:	45
Average Speed:	45.6
85th Percentile Speed:	49
50th Percentile Speed:	45
15th Percentile Speed:	42
10 MPH Pace Speed:	40-49
Number in Pace:	82
Percent in Pace	82.0%

Date of Survey:	7/22/2021	Start Time:	12:30 PM
Weather:	Clear	End Time:	1:00 PM
Road Condition:	Good	Requested By:	Irena Guilmette
Comments:		Observer:	Anthony P Gonzales

PALOS VERDES DRIVE NORTH

Collision Data for E&TS

E & T
Collision Rate

Palos Verdes Drive w/o Rolling Vista Dr & e/o Western Av

Approx. Length (Miles): 0.64
Total # Midblock Accidents: 3
Average Daily Volume: 24,742
Time (Years): 2

$$\text{Accident Rate} = \frac{\# \text{ midblock accidents} \times 10^6}{\text{Vol} \times \text{Time}(\text{years}) \times 365 \times \text{Length} (\text{miles})}$$

Accident Rate = 0.26 A/MVM

**Los Angeles County Public Works
Traffic Collision History Report
Midblock Collisions**

1/11/2022

Arterial: PALOS VERDES DRIVE NORTH
Limit 1: PALOS VERDES DRIVE EAST (S)
Limit 2: LEESDALE AVENUE
Date Range Reported: 07/01/2016 - 06/30/2021
Total Number of Collisions: 3
Total Number of Persons Injured: 1
Total Number of Persons Severely Injured: 0
Total Number of Persons Killed: 0



Seq. No.	Date	Time	Location	Dist.	Dir.	Collision Pattern	Motor Veh Involved With	Dir. of Travel 1	Movement Prec. Coll. 1	Dir. of Travel 2	Movement Prec. Coll. 2	PCF	Inj	Severe	Kill
8	03/23/2019	14:55	PALOS VERDES DRIVE NORTH & ROLLING VISTA DRIVE	77'	East	Miscellaneous	Other Object	East	Proceeding Straight	East	Proceeding Straight	Other Equipment	0	0	0
33	08/28/2019	11:18	PALOS VERDES DRIVE NORTH & WESTERN AVENUE	433'	West	Midblock Parked Vehicle	Parked Motor Vehicle	East	Changing Lanes	East	Proceeding Straight	Unsafe Lane Change	0	0	0
31	10/26/2019	13:45	PALOS VERDES DRIVE NORTH & WESTERN AVENUE	387'	West	Driveway Head On	Other Motor Vehicle	North	Making Left Turn	South	Making Left Turn	Unknown	1	0	0

Segment Length: 0.59 miles (3130')