
**CITY OF EL SEGUNDO
INTEROFFICE MEMORANDUM**

TO: ELIAS SASSOON, PUBLIC WORKS DIRECTOR
CHERYL EBERT, SENIOR CIVIL ENGINEER

FROM: RICHARD GARLAND, CONTRACT TRAFFIC ENGINEER

SUBJECT: WARRANT ANALYSIS FOR 4-WAY STOP SIGNS
LOMA VISTA STREET AT ACACIA AVENUE

DATE: OCTOBER 17, 2024

I have evaluated the intersection of Loma Vista Street and Acacia Avenue for the possibility of installing stop signs on Loma Vista Street to create a 4-way stop. Stop signs are currently in place on the Acacia Avenue approaches to this intersection. This intersection is in a residential area located several blocks west of Main Street and one block south of Imperial Avenue. There are no painted crosswalks at this intersection and on-street parking is provided on both sides of the two streets.

The analysis is based on the guidelines cited in the California Manual on Uniform Traffic Control Devices (MUTCD), which states that a multi-way stop may be warranted if the vehicular volume of traffic entering the intersection from the major street (Loma Vista Street) averages at least 300 vehicles per hour for any 8 hours of an average day and the combined vehicular, pedestrian, and bicycle volume entering the intersection from the minor street (Acacia Avenue) 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.

The MUTCD also states that other criteria may be considered in an engineering study, including the need to control left-turn conflicts; the need to control vehicle/pedestrian conflicts near locations that generate high pedestrian volumes; locations where a road user, after stopping, cannot see conflicting traffic and is not able to negotiate the intersection unless conflicting cross traffic is also required to stop; and the intersection of two residential neighborhood collector streets of similar design where multi-way stop control would improve traffic operational characteristics of the intersection.

The Loma Vista Street/Acacia Avenue intersection was monitored on several occasions in October 2024. Traffic, pedestrian, and bicycle counts were taken during the morning peak period, the mid-afternoon peak period at the end of a school day, and the late afternoon commuter peak period. The results of the counts for the highest one-hour interval during each of these peak periods are shown in Table 1. The traffic volumes represent the number of vehicles approaching the intersection on each street.

As shown, the peak hour traffic volumes on Loma Vista Street range from 49 to 96 vehicles per hour and the combined peak hour volumes of vehicles, pedestrians, and bicycles entering the intersection from Acacia Avenue range from 42 to 50 units per hour. The traffic volumes on Loma Vista Street are well below the MUTCD threshold of 300 vehicles per hour and the volumes on Acacia Avenue are well below the threshold of 200 units per hour. So a 4-way stop would not be

warranted based on volumes as the observed volumes are well below the thresholds for the busiest three hours of the day while the guidelines indicate that the thresholds should be exceeded for eight hours of the day. It was also observed that the typical amount of delay for vehicles stopped at the stop signs on Acacia Avenue ranged from 2 to 7 seconds, which is below the threshold of 30 seconds per vehicle.

**TABLE 1
TRAFFIC, PEDESTRIAN, & BICYCLE VOLUMES**

Mode of Travel & Street	Peak Hour Times & Hourly Volumes		
	7:15 – 8:15 AM	2:45 – 3:45 PM	5:00 – 6:00 PM
Traffic Volume on Loma Vista Street (both directions)	49	68	96
Traffic Volume on Acacia Avenue (both directions)	32	29	38
Pedestrians Crossing Loma Vista Street	13	9	6
Pedestrians Crossing Acacia Avenue	22	17	15
Bicycles on Loma Vista Street	4	9	14
Bicycles on Acacia Avenue	5	4	3
Total # of Vehicles, Pedestrians, & Bicycles Entering the Intersection from Acacia Avenue	50	42	47

Observations at the intersection also indicate that the qualitative conditions such as left-turn conflicts, pedestrian conflicts, visibility constraints, and traffic operations on a neighborhood residential collector street are not relevant at this intersection. It should be pointed out, however, that even though a 4-way stop is not warranted based on the numbers, there would be some advantages to installing stop signs on the Loma Vista Street approaches. One advantage is that stop signs would enhance safety for the pedestrians who cross Loma Vista Street, many of which are school-age students. And since the traffic volumes on Loma Vista Street are relatively low, stop signs would not result in substantial delays to motorists or significant increases in noise or emission levels.

Conclusion:

- The installation of 4-way stop signs is not warranted at the Loma Vista Street/Acacia Avenue intersection because the traffic, pedestrian, and bicycle volumes are well below the thresholds provided in the MUTCD and there are no adverse left-turn conflicts, pedestrian conflicts, or visibility constraints that would justify the installation of 4-way stop signs.

Eric Bahor
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206.618.2156

August 2, 2024

Lifan Xu, Erica Miramontes, Elias Sassoon
El Segundo Traffic Safety Committee
Department of Public Works
350 Main Street
El Segundo, CA 90245

Subject: Petition for Stop Sign Installation at Loma Vista Street & Acacia Street in El Segundo

Dear El Segundo Traffic Safety Committee:

We hope this letter finds you well and we would like to thank you for your service to the El Segundo community.

The undersigned are a group of concerned El Segundo residents that live near Acacia Park (the "Park") and we write collectively to formally request the installation of a stop sign at the intersection of Loma Vista Street and Acacia Street with respect to north and south bound traffic (the "Subject Intersection"). This measure is prudent and necessary to ensure the safety and well-being of both pedestrians, including children, and motorists at the Subject Intersection.

The Subject Intersection is approximately 100 feet from the Park, a very popular park in El Segundo. To wit, the Park has multiple playgrounds that have proven to be very popular with resident children. Many children walk to the Park (both accompanied and unaccompanied by caregivers), and parking is often difficult to find on Acacia Street due to (a) the popularity of the Park and (b) the Park not having dedicated parking. Even when driving, this combination often requires caregivers to park on nearby streets and walk to the Park.

Despite its proximity to such a heavily frequented area, there is neither a stop sign for two blocks south of the Subject Intersection on Loma Vista Street nor a speed limit sign on this street. Additionally, (i) there is a moderate downhill grade when traveling north on Loma Vista Street after the last stop sign south of the Subject Intersection, and (ii) Loma Vista

Street serves as a common route to West Imperial Avenue, one of the main throughfares through El Segundo. The foregoing elements often lead to motorists speeding in this high-pedestrian area, creating a dangerous situation, most notably to local children.

In light of these concerns, we respectfully request that the city conduct a traffic study at this intersection and take the necessary and appropriate steps to install a stop sign. We believe that this action will greatly enhance the safety of our neighborhood and prevent potential accidents.

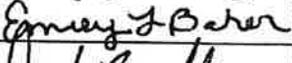
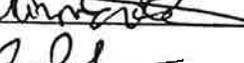
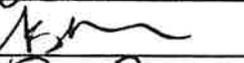
We appreciate your attention to this matter and look forward to your positive response. Please feel free to contact us at 206.618.2156 or ebahor@gmail.com if you require any further information or wish to discuss this request in more detail.

Thank you for your consideration.

Sincerely,

Eric Bahor 

On behalf of the concerned neighbors of Loma Vista & Acacia Street Intersection

Neighbor	Address	Email Address	Phone	Signature
Philip Buckley	951 Loma Vista St	buckleypr@gmail.com	310 920 2246	
Kathy Buckley	951 LOMA VISTA	Kathill@gmail.com	310 619 0100	
Emily Bahor	941 Loma Vista	emily.bjelica@gmail.com	(248)709-7342	
Joe Brandlin	922 Loma Vista	jbrandlin@gmail.com	(310)528-5887	
Ashley Evland	753 Loma Vista	ashley.evland@gmail.com	310-367-5561	
Dann Evland	753 Loma Vista	davevland@gmail.com	310-343-3332	
Ryan Rajewski	410 Hillcrest st	rycabiker@gmail.com	310 906 7635	
Charlotte Rajewski	410 Hillcrest st	charmarie82@gmail.com	310 906 8434	
Gwen Sanders	937 Loma Vista St	gwendolyn@gmail.com	310-562-5423	
Bick Billups	752 W Imperial Ave #15	billups114@gmail.com	310 775 0469	
Katie Billups	732 W Imperial #15	Katiearniche@gmail.com	809 222 8028	
Sam Greenspan	935 Main St	beckton@gmail.com	424 423 9484	
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NINA HANSEN	535 W PAM AVENUE	ninaadatia@gmail.com	626-755-4014	

@ gmail.com

Neighbor	Address	Email Address	Phone	Signature
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Bill Marriott	630 California St.	wbamariott@gmail.com	(310) 947-7914	
Gary Sandek	531 W. ACACIA	gsandek102@yahoo.com	310 739 7374	
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Yumiko Sanders	531 W. Acacia	YumikoSanders@gmail.com	310.7397401	
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Mark Souffelt	933 Loma Vista St.	marksouffelt@gmail.com	714-812-0830	
Shireen Souffelt	933 Loma Vista St.	shireen.michelle.souffelt@gmail.com	310-309-7363	
Anna Trevisan	967 Loma Vista St	annatrevisan@earthlink.net	310 704 1165	
Jeffrey Chavez	954 Loma Vista St	jchav37@gmail.com	310-529-2437	
Tori Marceda	942 Loma Vista St.	vamarceda@gmail.com	310 529 6324	
John Clinton	901 Loma Vista St	jclinton	(310) 600-9359	
MIKE PARKS	905 Loma Vista	nikeparks@aol.com	(760) 583-3231	
Angie Pearson	915 Loma Vista St.	angie_pearson@sbcglobal.net	(310) 322 5667	
Samantha Collins	917 Loma Vista St.	scollins1964@gmail.com	310 947-7877	
Andrea Ganz	770 W. Imperial Ave #26	andrea12278@aol.com	619-337-4083	
Aaron Ganz	770 W Imperial Ave #26	aaron.ganz@hotmail.com	(818) 486-2036	
Jenna Humphrey	917 Loma Vista Street	Jennacsun@yahoo.com	(818) 399-0597	
CHEISTINE STINE	216 LOMA VISTA UNITS	CHEISTINE@AOL.COM	949.433.4415	
WIKKEN STINE	216 LOMA VISTA UNITS	WIKKEN@AOL.COM	949.433.4415	
Joel Sprague	2104 Laurel Ave #3	JSPRASUNE@gmail.com	710 918 4210	
PATRICIA GOICOLEA	732 W ACACIA AVE	PGOICOLEA@GMAIL.COM	917 455 0309	
Myra Mazey	732 W Acacia Ave	mmmazey@gmail.com	851 751 1500	
NEALLANG	938 LOMA VISTA	neallang@yahoo.com	310 529 0281	
CRAIG REGISTER	942 Loma Vista St.	craigregister@key.com	310 752 4287	

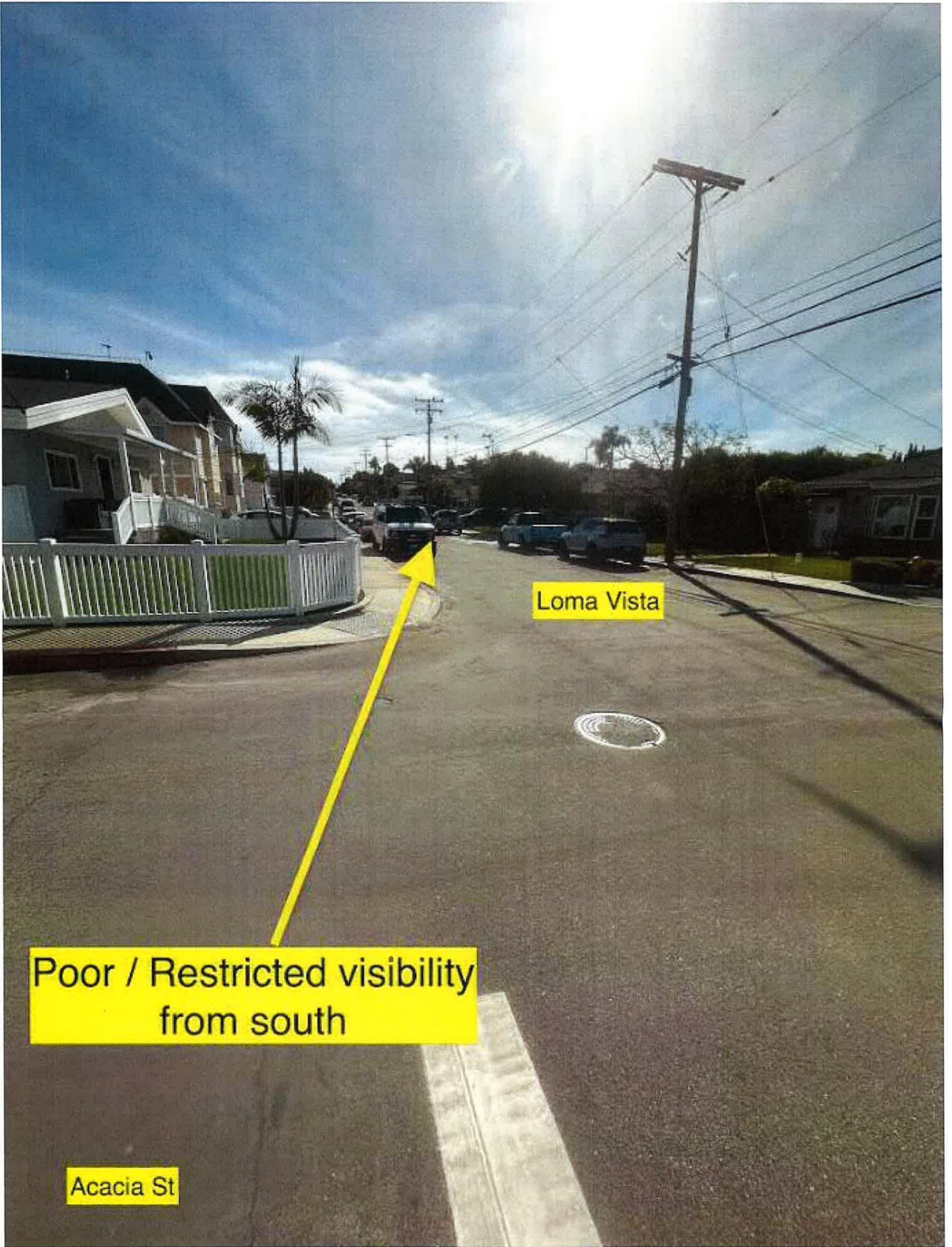
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Loma Vista

Poor / Restricted visibility
from south

Acacia St



Loma Vista

Poor / Restricted visibility
from south

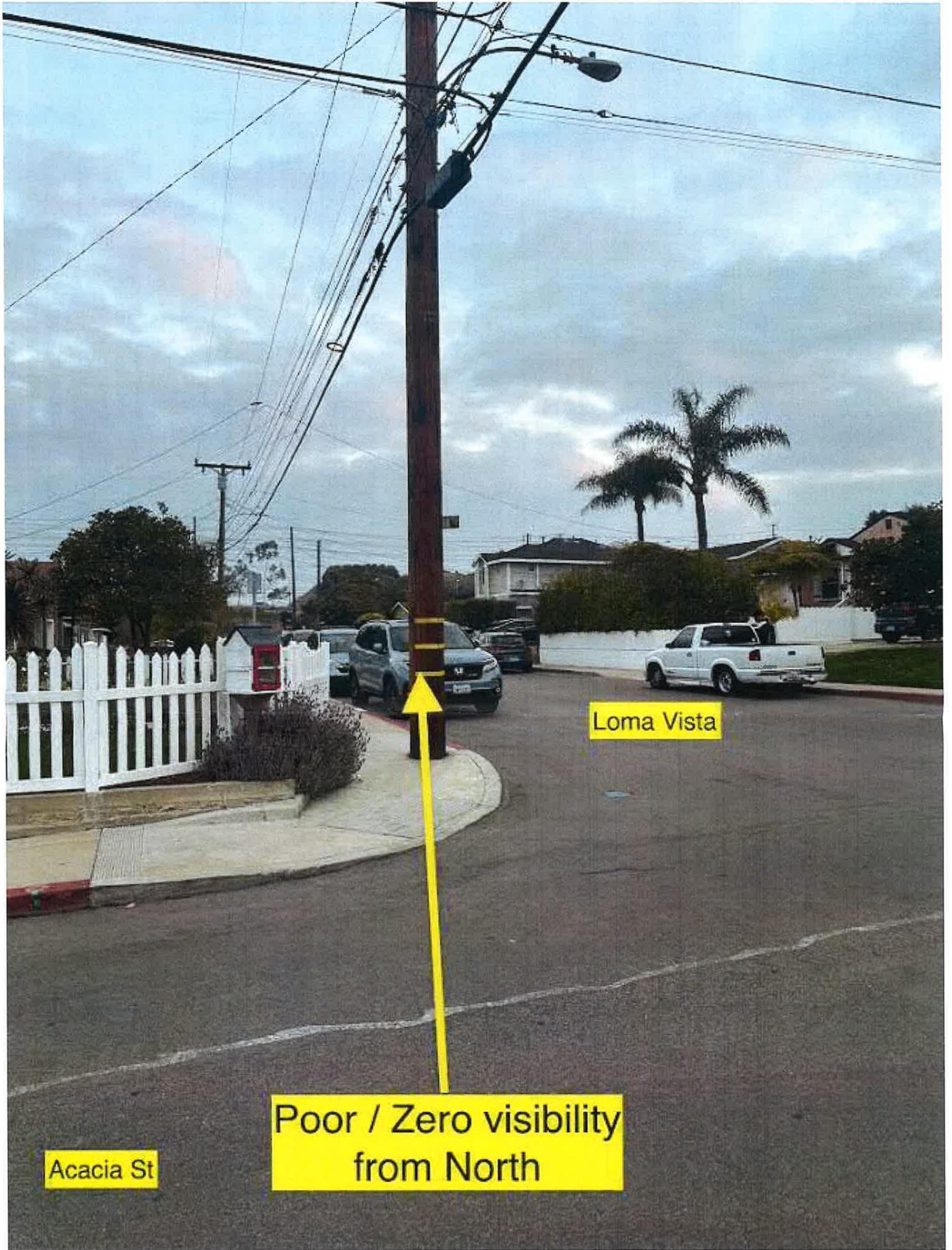
Acacia St



Loma Vista

Poor / Zero visibility
from North

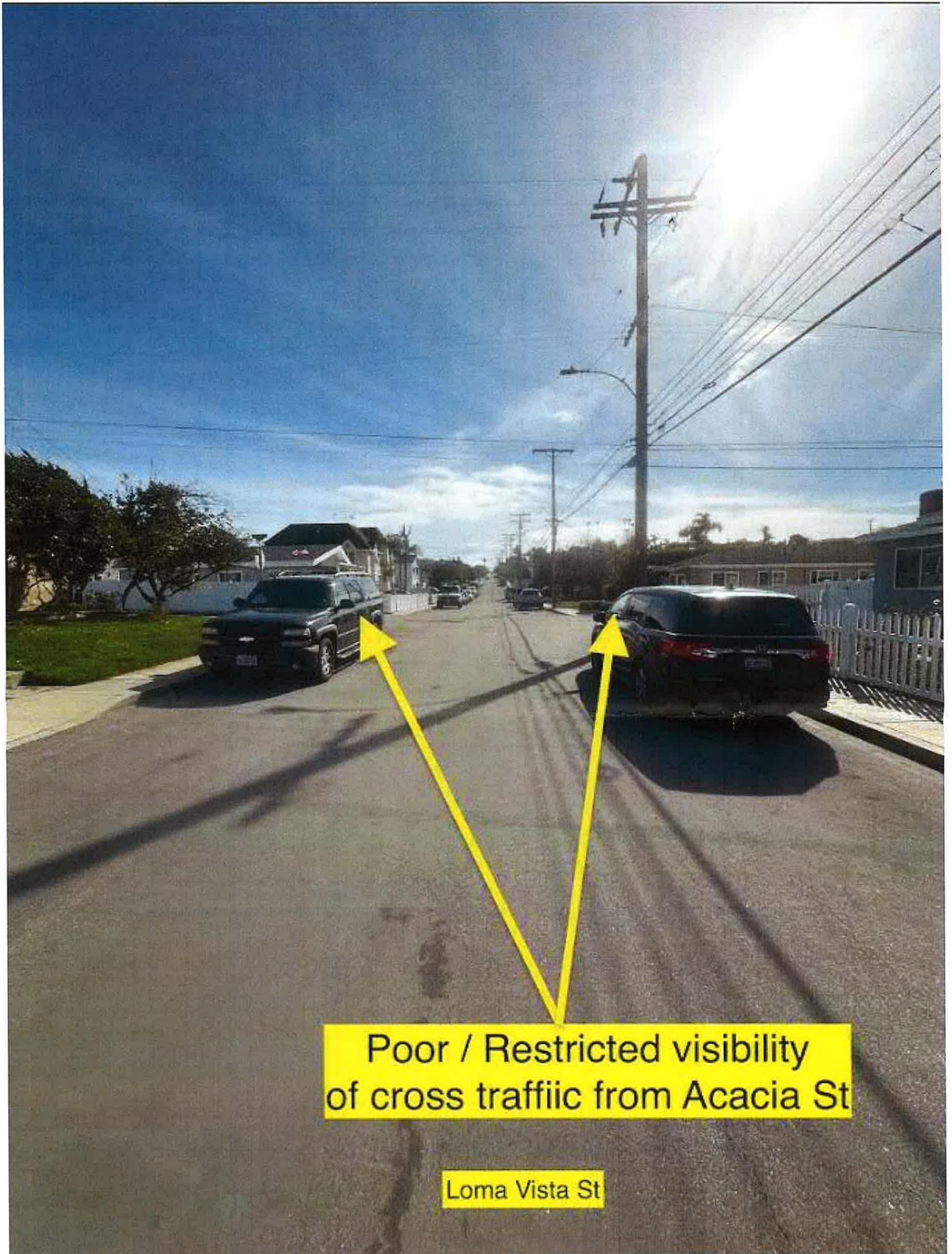
Acacia St



Acacia St

Poor / Zero visibility
from North

Loma Vista



Poor / Restricted visibility
of cross traffic from Acacia St

Loma Vista St