



Memorandum Engineering Division

October 19, 2022

To: Planning Commission
From: Ryan Kim, Senior Civil Engineer - Traffic
Subject: Consideration of Speed Cushions on Camino Faro
Copies: Zachary Ponsen, Assistant City Engineer
Kiel Koger, Public Works Director/City Engineer
Jared Streeter, Police Administrative Sergeant

ISSUE:

Should the Planning Commission forward a recommendation to the City Council to implement speed cushions on Camino Faro between Avenida Vista Hermosa and Calle Frontera?

BACKGROUND:

A petition was received in November 2020 requesting an evaluation for speed humps/cushions on Camino Faro between Avenida Vista Hermosa and Calle Frontera (see location on Attachment 1). Per the General Plan Mobility Element, Camino Faro is a local residential street, but it serves as a main access/collector to the surrounding streets with a 25 mph posted speed limit. The roadway is 36 feet from curb to curb, and on-street parking is permitted on both sides of the street. Staff implemented traffic-calming measures with centerline removal, edge line striping, and the repeated deployment of a speed feedback trailer in 2017.

In response to the November 2020 petition for the speed hump/cushion installation, staff collected speed and volume data in February 2021 and found that the 85th percentile speed was 27 miles per hour (mph). Attachment 2 shows its speed data analysis and data collection point located at the mid-block to observe the fastest speeds. Staff informed the resident that Camino Faro did not meet the speed criteria requiring an 85th percentile speed of 32 mph based on the Speed Hump/Cushion Policy.

A provision of the Speed Hump/Cushion Policy states that if the basic criteria are not met and 67% of the residents of the street are in favor of the speed humps installation, staff will present the item to the Planning Commission for its consideration. Although Camino Faro did not meet the thresholds of the policy, the resident requested to continue the hearing process of the Planning Commission since more than 67% of the residents agreed on the speed hump/cushion installation.

Per a supplemental analysis conducted for Camino Faro based on the criteria outlined in the City's Traffic Calming Policy and Resource Manual, the street was not qualified for further traffic calming measurements. Attachment 3 presents the individual data elements and the corresponding assigned points.

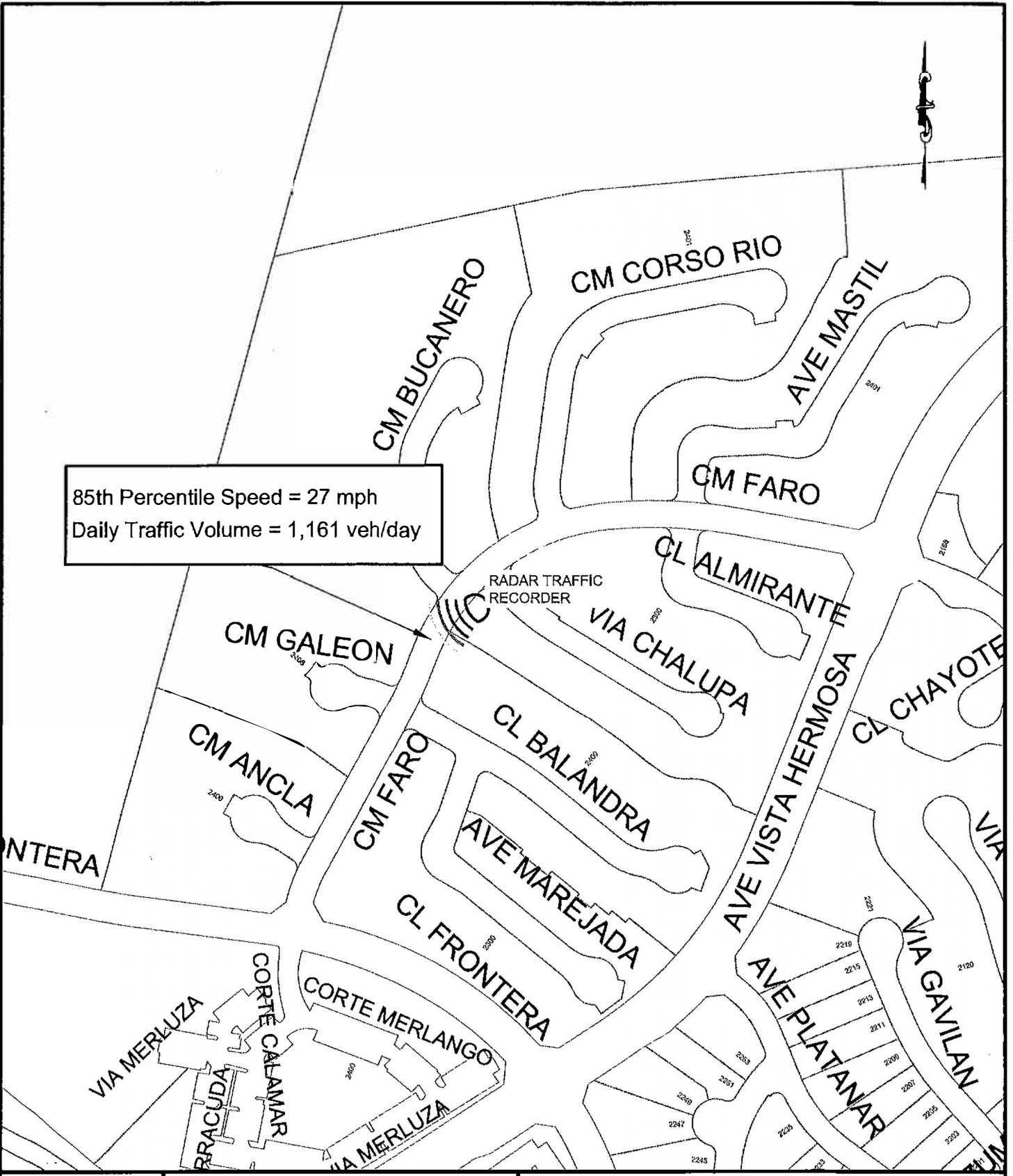
Staff does not recommend the installation of speed cushions on Camino Faro based on the prevailing speed and its non-qualifying point score for traffic calming treatments.

A notice of this meeting was distributed to all adjacent property owners within 300 feet of Camino Faro between Avenida Vista Hermosa and Calle Frontera.

RECOMMENDATION:

STAFF RECOMMENDS THAT Planning Commission deny the public's request for the use of speed cushions on Camino Faro since the street does not satisfy the installation criteria per the City Speed Hump/Cushion Policy and the City Traffic Calming Policy.

- Attachments: 1. Location Map
2. Speed and Volume Map
3. Traffic Calming Point Assignment



9.7.2022

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CITY OF SAN CLEMENTE
 910 Calle Negocio
 San Clemente, CA 92673

SPEED AND VOLUME MAP

**CONSIDERATION OF SPEED CUSHIONS
 ON CAMINO FARO**

**Traffic Calming Program
Eligibility Worksheet**

Date of Traffic Surveys: 2/8/21 to 2/22/21

Street Classification: Residential

Project Location: Camino Faro

Data Element	Assigned Points	Survey/Data	Calc. Points
Speed - Extent that 85th percentile speeds exceed speed limit; 2 points assigned for every 1 mph over speed limit	0 to 30	27 mph	4
ADT Volume - 1 point for every 25 vehicles over 500 ADT for local residential streets or 1 point for every 100 vehicles over 1500 ADT for collector residential streets.	0 to 25	1161 vehicles/day	25
Crashes - 1 point for every nonfatal crash and 5 points for every fatal crash re-corded by the Sheriff's Department in the last 3 years.	0 to 15	1 - Rear-end (2013 - 2020)	1
Pedestrian Generators - 5 points for every school, park, community center, library, or other public facility within the impact area	0 to 20	Marblehead Elementary School and Marblehead Inland Park	10
Sidewalks or pathways - 5 points if there are not continuous sidewalks or pathways on one side of all local residential streets or both sides of all collectors; 10 points if there are no sidewalks	0 to 10	There are sidewalks on both sides of Faro	0
Total Points Possible	100		40
*Qualified for Traffic Calming Program:		NO	

** Note: A minimum total score of 51 points is required for the residential neighborhood to qualify for traffic calming treatments. If it is not eligible or it is determined that there are no tools available to address the problem, no further action will be taken.*

** For arterial streets, the following minimum eligibility guidelines must be satisfied in order to proceed further with the process:*

- 1) *The 85th percentile speed is at least 9 mph above the prima-facie speed limit on an arterial street.*
- 2) *Peak hour traffic volume is between 1000 and 2000 vehicles*
- 3) *Roadway has a minimum length of one-half mile*



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**TRAFFIC CALMING
POINT ASSIGNMENT**

**CONSIDERATION OF SPEED CUSHIONS
ON CAMINO FARO**