



**PUBLIC WORKS DEPARTMENT**

CITY HALL  
10300 TORRE AVENUE • CUPERTINO, CA 95014-3255  
TELEPHONE: (408) 777-3354 • FAX: (408) 777-3333  
CUPERTINO.ORG

**CITY COUNCIL INFORMATIONAL MEMORANDUM**

Date: November 27, 2024

To: Cupertino City Council  
From: Pamela Wu, City Manager

Re: Rodrigues Avenue Bicycle and Pedestrian Safety Enhancements

Background

On March 18, 2023, the Regnart Creek Trail opened to the public. Prior to the opening of the trail, on June 15, 2022, staff presented options to the Bicycle Pedestrian Commission (BPC) on potential midblock pedestrian crosswalk locations in the vicinity of the two trail access points on Rodrigues Avenue (Attachment A). The BPC recommended that the City Council consider a midblock crosswalk be installed at the western access gate prior to trail opening (location A) and determine the need for additional crosswalks based upon studies to be conducted within a year of the trail opening.

Following the BPC meeting, on October 18, 2022, staff presented crosswalk alternatives to the City Council. At that meeting, staff advised Council of the BPC's recommendation. Staff's recommendation to Council at this meeting included no crosswalks to be installed prior to trail opening, with staff collecting trail usage and vehicle speed data within a year of trail opening and advising Council on a recommendation for the necessity of a crosswalk.

Discussion

To allow trail usage to stabilize and, following that, the passage of inclement weather while ensuring usage for school-related commuting was included, field data collection on trail usage was postponed until May 2024.

Data collected in May included the volume of pedestrians and bicyclists using each of the two trail access points, the number of pedestrians and bicyclists crossing at the Rodrigues Avenue midblock at these locations, pedestrian and bicycle volumes along the trail, and vehicle speeds and volumes in the vicinity of the two access points. The trail usage data was collected over two 16-hour periods on a Thursday and a Saturday, while the vehicle data was collected over a consecutive 72-hour period. Staff also

researched the collision history along Rodrigues Avenue and assessed public input regarding safety concerns.

Field data collected is shown in Attachment B. Combined pedestrian and bicycle usage of the trail is close to 600 users per day, with a substantial number of trail users, almost 350, accessing the trail from location A. Substantially fewer, 60-70, used the easement pathway near the Lazano de Campo development (location B). Approximately 90 trail users crossed Rodrigues Avenue midblock at location A, while about 50 crossed midblock near location B. Trail user volumes were heavier on Thursday than Saturday. 85<sup>th</sup> percentile vehicle speeds along Rodrigues Avenue at both locations were about 33 miles per hour (mph) in both directions.

There have been no documented safety incidents along Rodrigues Avenue since the opening of the trail; only one collision was reported involving a driver under the influence colliding with parked vehicles. Staff also reached out to the Sheriff's Department, inquiring about any recent accidents. The Sheriff's Department informed staff that they have not observed or been made aware of any safety concerns along Rodrigues Avenue. Finally, staff has not received any concerns from the public, outside of the four speakers that made a public comment at the April BPC meeting. These speakers all noted jaywalking at the trail entrances, two requested midblock crossings, and one requested lowering the speed limit. None cited any specific safety-related incident.

Staff presented this information to the BPC at the October 16 meeting. Due to the lack of safety incidents or concerns documented or observed related to midblock pedestrian crossings, and that pedestrians that currently cross midblock exhibit desirable behavior by exercising caution prior to crossing, the BPC moved to recommend a list of signing and striping improvements. This was intended to raise driver awareness of pedestrians and bicyclists and to calm vehicle traffic, but the BPC did not recommend the installation of any crosswalks as a part of their motion. The signing and striping improvements include speed reduction markings, high-visibility warning signs, radar speed feedback signs, and adding striped buffers to the bike lanes along the horizontal curve between the two trail access points. The BPC also recommended staff re-evaluate the speed limit, which is currently 30 mph, for a potential reduction to 25 mph, based on allowances contained in Assembly Bill 43.

#### Sustainability Impact

The recommended improvements are intended to enhance pedestrian and bicycle safety and encourage bicycle use, which will reduce single-occupancy vehicle trips and lead to reduced vehicle emissions. This will help the City achieve air quality and greenhouse gas emission reduction goals.

#### Fiscal Impact

The recommended improvements will be funded through the approved Public Works operating budget. Costs for striping modifications are included in the cost of the upcoming pavement project which includes this portion of Rodrigues.

Prepared by: David Stillman, Transportation Manager

Reviewed by: Chad Mosley, Director of Public Works

Reviewed by: Tina Kapoor, Interim Assistant City Manager

Approved for Submission by: Pamela Wu, City Manager

Attachment:

A – Rodrigues Avenue Aerial Exhibit

B – Rodrigue Avenue Data Collection

# Rodrigues Ave Vicinity



# Pedestrian and Bicycle Volumes On Regnart Creek Trail and Entrances on Rodrigues Avenue. Attachment B



Day and Time	Entrance						Jay Walking					
	Pedestrains			Bicycles			Pedestrains			Bicycles		
	SB	NB	Total	SB	NB	Total	SB	NB	Total	SB	NB	Total
6 AM to 10 PM												
Thursday, 05/09/24	24	40	64	2	2	4	21	28	49	0	1	1
Saturday, 05/11/2024	11	16	27	0	3	3	21	24	45	1	4	5

Day and Time	Pedestrains			Bicycles		
	WB	EB	Total	WB	EB	Total
6 AM to 10 PM						
Thursday, 05/09/24	269	241	510	49	34	83
Saturday, 05/11/2024	209	192	401	35	31	66

Day and Time	Entrance						Jay Walking					
	Pedestrains			Bicycles			Pedestrains			Bicycles		
	SB	NB	Total	SB	NB	Total	SB	NB	Total	SB	NB	Total
6 AM to 10 PM												
Thursday, 05/09/24	118	215	333	14	23	37	22	58	80	0	12	12
Saturday, 05/11/2024	90	95	185	20	22	42	10	24	34	3	4	7

# 85th Percentile Speed and Volumes on Rodrigues Avenue.



Date	85th Percentile Speed		Volumes	
	EB	WB	EB	WB
Thursday, 05/09/24	33.10	32.50	1833	1421
Friday, 05/10/2024	33.70	33.00	1817	1514
Saturday, 05/11/2024	33.30	32.70	1663	1423
<b>Average</b>	<b>33</b>	<b>33</b>	<b>1771</b>	<b>1453</b>

Date	85th Percentile Speed		Volumes	
	EB	WB	EB	WB
Thursday, 05/09/24	33.40	33.00	1777	1348
Friday, 05/10/2024	34.00	32.80	1766	1462
Saturday, 05/11/2024	33.70	32.70	1599	1354
<b>Average</b>	<b>34</b>	<b>33</b>	<b>1714</b>	<b>1388</b>