

DATE: August 9, 2022

TO: Ayinde Rudolph, Mountain View Whisman School District Superintendent

FROM: Priyoti Ahmed, Transportation Planner
Ria Hutabarat Lo, Transportation Manager

SUBJECT: **Crossing Guard Analysis**

The purpose of this memorandum is to provide the analysis and staff recommendations for additional school crossing guards in Mountain View.

BACKGROUND

The City of Mountain View has a contract with All City Management Services (ACMS) to provide crossing guard services in the city. Funding for the existing crossing guard program is provided entirely by the City of Mountain View Police Department’s operating budget.

Currently, there are nine crossing guards serving elementary school locations in Mountain View. However, no permanent crossing guards were allocated to middle schools, high schools or private schools in the city, or to schools serving Mountain View students in neighboring cities. Table 1 summarizes existing crossing guard locations in Mountain View.

Table 1: Schools and Existing Crossing Guards in Mountain View

School	District	City	Intersection
Amy Imai ES	MVWSD ¹	MV ²	Grant Road and Martens Avenue
Benjamin Bubb ES	MVWSD	MV	Boranda Avenue and Hans Avenue
Edith Landels ES	MVWSD	MV	W Dana Street and Calderon Avenue
Gabriela Mistral ES	MVWSD	MV	Escuela Avenue and California Street
Mariano Castro ES	MVWSD	MV	Escuela Avenue and Gamel Way
Jose Antonio Vargas ES	MVWSD	MV	Whisman Station and S Whisman Road
Monta Loma ES	MVWSD	MV	Thompson Avenue and Thompson Square

¹ Mountain View Whisman School District

² City of Mountain View

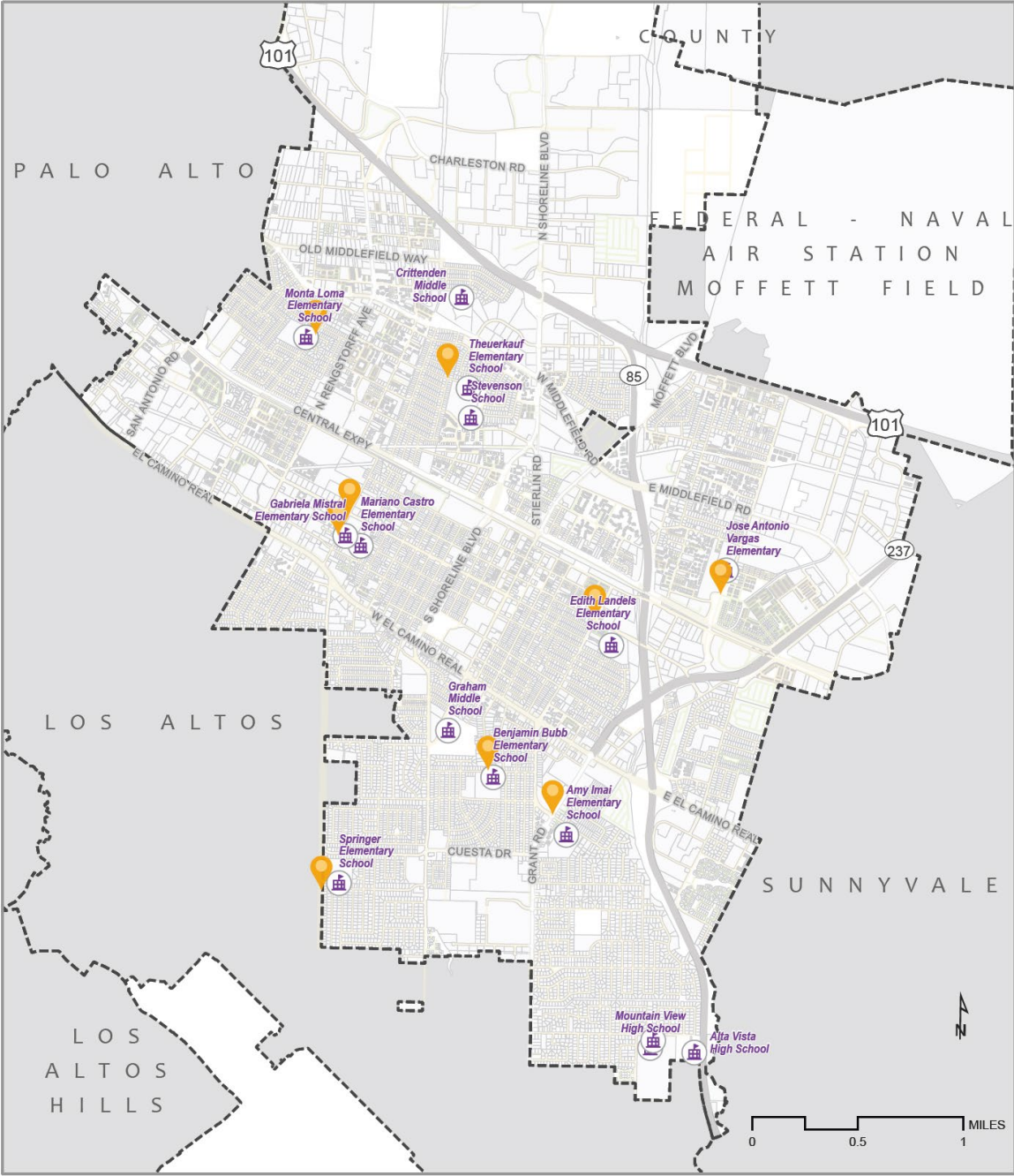
Theuerkauf and Stevenson ES	MVWSD	MV	San Luis Avenue and Burgoyne Street
Springer ES	LASD ³	MV	Cuesta Avenue and back of the school
Graham MS	MVWSD	MV	N/A
Crittenden MS	MVWSD	MV	N/A
Mountain View HS	MVLAHSD ⁴	MV	N/A
Los Altos HS	MVLAHSD	LA ⁵	N/A
St Francis	Private	MV	N/A
GIS-SV and YCIS	Private	MV	N/A
Mountain View Acadey	Private	MV	N/A
Waldorf School	Private	MV	N/A

³ Los Altos School District

⁴ Mountain View Los Altos High School District

⁵ City of Los Altos

Figure 1: Existing Crossing Guard Location



EXISTING CROSSING GUARD LOCATIONS

- Crossing Guard
- School
- City Boundary



Data Source: City of Mountain View

The City of Mountain View and the Mountain View Whisman School District (MVWSD) have each committed \$50,000 for additional crossing guards in FY 2022-23. The City of Mountain View will utilize the additional funding of \$100,000 to deploy five new crossing guards for the school year 2022-2023.

ANALYSIS

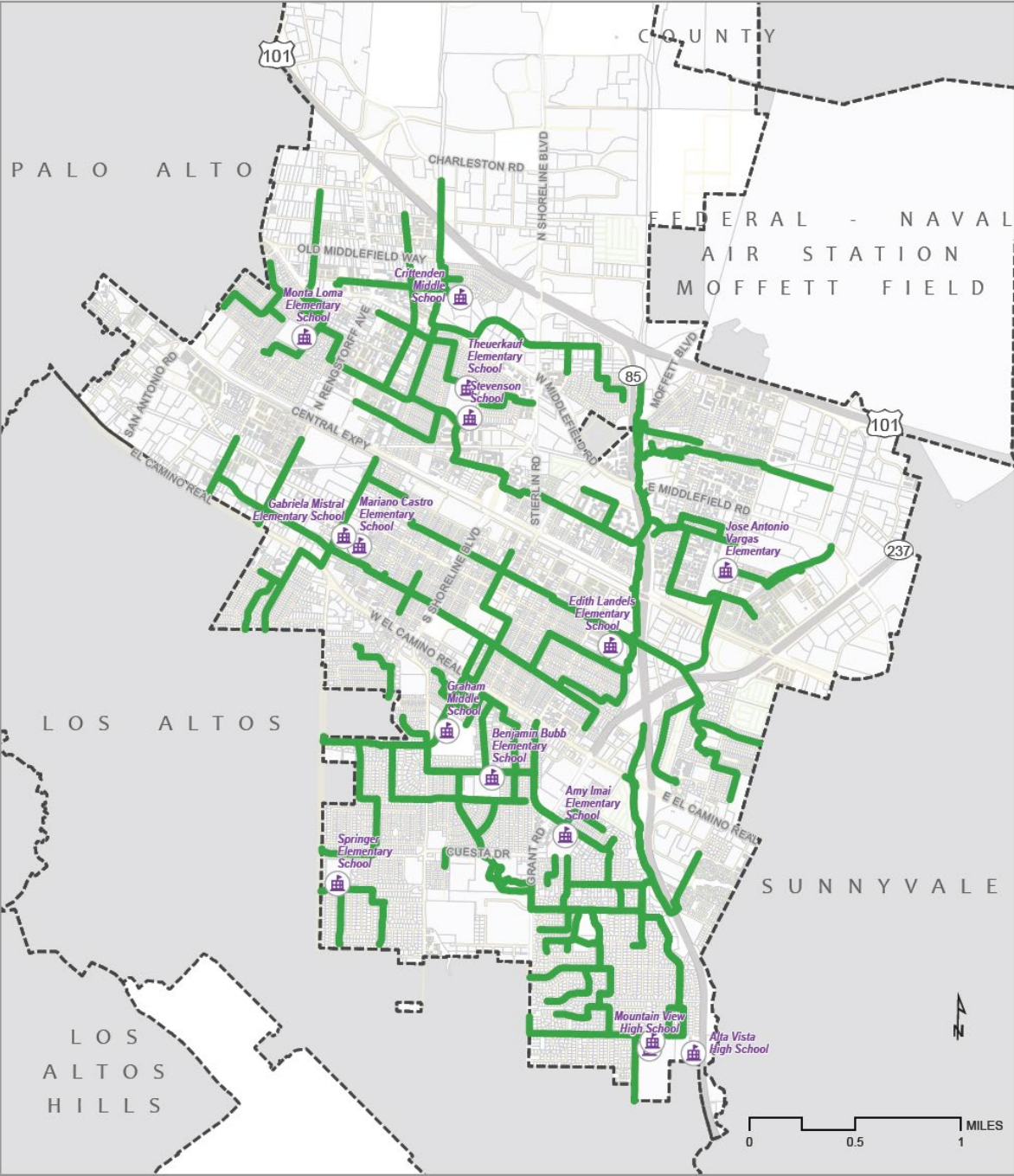
Additional funding will allow the City to hire five additional crossing guards for the upcoming school year. Staff analyzed potential crossing guard locations based on the following factors:

- Locations of existing crossing guards: Schools without an existing crossing guard are prioritized as new crossing guard locations (see Figure 1);
- High Injury Network Designation: Corridors with a relatively high number or rate of fatal and severe injuries crashes are prioritized (see Figure 2);
- Suggested Routes to School: Recommended routes for students to access schools are prioritized (Figure 3); and
- Bicycle Level of Traffic Stress: Crossing locations across routes with higher levels of traffic stress are prioritized (Figure 4).

Figure 2: High Injury Network and High-Crash Locations for Walking and Biking, 2014-2019



Figure 3: Current Suggested Routes to School Map



SUGGESTED SAFE ROUTE TO SCHOOL

-  School
-  City Boundary
-  Suggested Safe Route

FINDINGS:

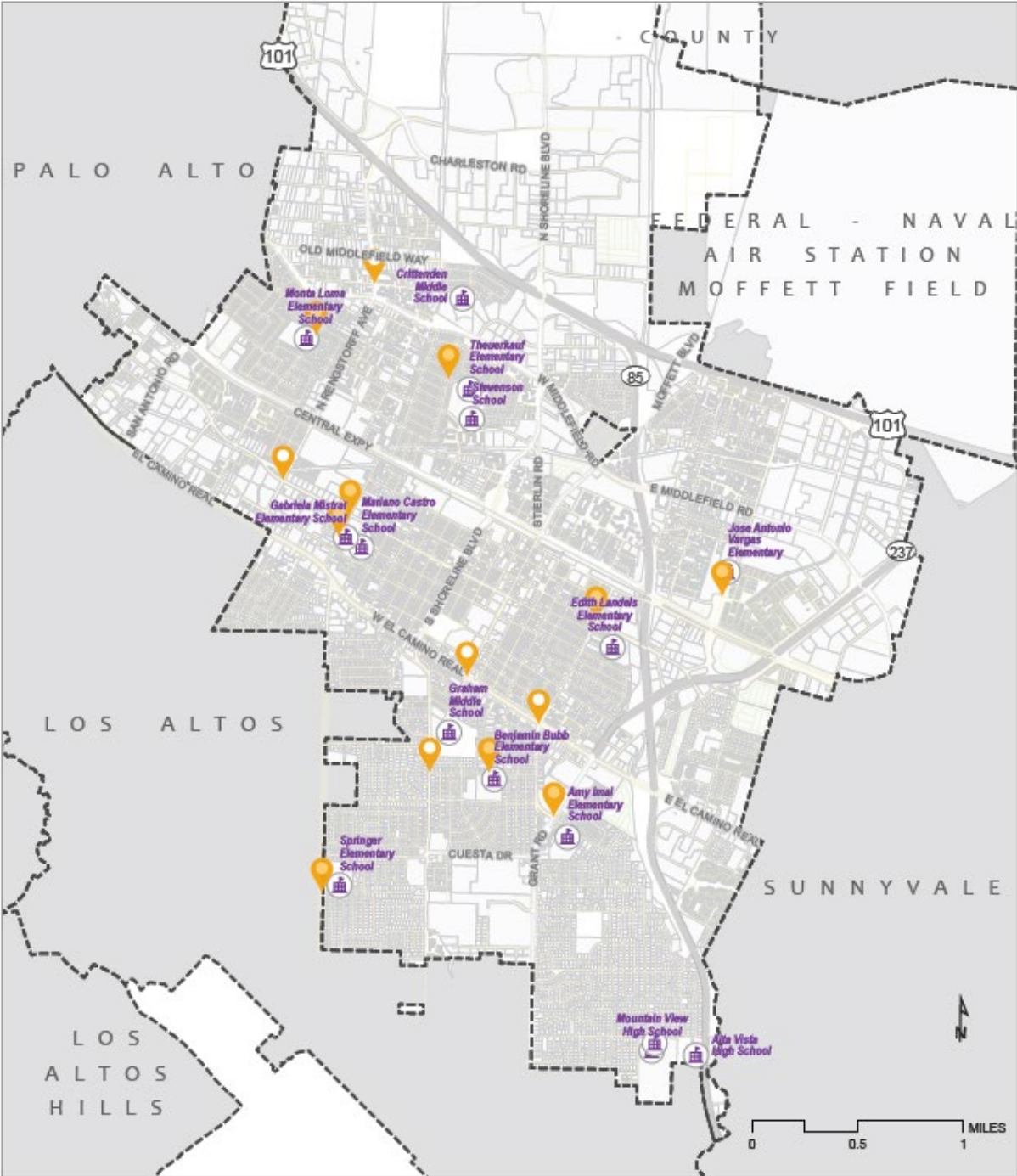
Based on this analysis, the following intersection locations are recommended as the top five locations for additional crossing guards in Mountain View:

1. **El Camino Real and Castro Street** – this intersection has seven vehicle travel lanes across El Camino and connects to Class IV protected bikeways on S Castro Street. The intersection is also part of the suggested routes to school for Graham Middle School.
2. **El Camino Real and Calderon Avenue-Phyllis Avenue** – this intersection has seven vehicle travel lanes across El Camino and connects to Class II bike lanes on Phyllis Avenue. The intersection is also a commonly used route to school for Graham Middle School.
3. **Latham Street and Rengstorff Avenue** – this intersection has five vehicle travel lanes across Rengstorff and is about half a mile away from Mistrial and Castro Elementary Schools. This intersection is part of the suggested routes for both schools.
4. **Rock Street and N Rengstorff Avenue** - this intersection has four vehicle travel lanes across Rengstorff and pedestrian-actuated flashing beacons. Rengstorff Avenue has a high level of traffic stress with a posted speed limit of 35 mph. The intersection is on the suggested route to school for Crittenden Middle School and was identified as a priority location in the City’s systemic safety analysis.
5. **Hans Avenue and Miramonte Avenue** – this intersection has four vehicle travel lanes across Miramonte and a high volume of students accessing Graham Middle School via Hans Avenue. Following a recent collision, this location received a temporary crossing guard in 2022. The intersection is on the suggested route for Graham Middle School.
6. **(Swap) W Middlefield Road and Thaddeus Drive-Independence Avenue** – this intersection has five vehicle travel lanes across Middlefield and is on the suggested route to school for Monte Loma Elementary School and Crittenden Middle School. City staff recommends coordinating with school staff and parents at Monta Loma Elementary School to consider whether it would be appropriate to relocate the existing crossing guard on Thompson at Thompson Court to this location.

Table 2 Recommended Crossing Locations

Intersections	High Injury Network	BLTS	Suggested Route
El Camino Real and Castro St	Yes (El Camino Real)	4	Yes
El Camino Real and Calderon Dr.	Yes(El Camino Real)	4	Yes
Latham St and Rengstorff Ave	Yes (Rengstorff Ave)	3	Yes
Rock St and N Rengstorff Ave	Yes (Rengstorff Ave)	3	Yes
Hans and Miramonte Ave	No	3	Yes
W Middlefield Rd and Thaddeus Dr/ Independence Ave (swap)	Yes (W Middlefield Ave)	3	Yes

Figure 5: Existing and Recommended Crossing Locations



EXISTING AND ADDITIONAL CROSSING GUARD LOCATIONS

- Crossing Guard
 - Existing
 - Additional
- School
- City Boundary

RECOMMENDATIONS

For the next school year, the recommended intersections for the crossing guards are:

1. El Camino Real and Castro Street
2. El Camino Real and Calderon Avenue-Phyllis Avenue
3. Latham Street and Rengstorff Avenue
4. Rock Street and N Rengstorff Avenue
5. Hans Avenue and Miramonte Avenue

NEXT STEPS

The Mountain View Police Department has notified ACMS of their intention to amend the existing contract for crossing guard services to add five additional crossing guard resources at locations to be determined by the City in consultation with the school district.

Upon agreement on locations, Mountain View Police Department will amend the contract with ACMS to include additional crossing guards for the coming school year.