



To: David Wong, City of San Bruno, CA
From: Alta Planning + Design
Date: July 2022
Re: Capuchino High Walk Audit and Recommendations DRAFT Memo

The following memo contains infrastructure and behavior observations gathered through a walk audit at Capuchino High School. These in-person observations are supplemented with parent survey results and feedback from project presentations at PTO/PTA meetings. Existing issues identified through those channels are labeled as “Findings.” The proposed actions or projects to address the identified issues are labeled as “Recommendations,” with the relevant Implementing agency (City or school) identified for each. Findings and recommendations are categorized into two groups based on the type of solution presented: infrastructure or non-infrastructure.

Infrastructure Findings and Recommendations

NOTES:

Where recommendations involve Caltrans right-of-way, such as El Camino Real, coordination with the Caltrans is required. Where recommendations involve Millbrae right-of-way, such as the residential streets surrounding the school, coordination with the City of Millbrae is required.

Where crosswalks and curb extensions are recommended to be added to an intersection, if the number of each improvement is not specified, the default quantity to be added is four, for each leg/corner of the intersection.

Recommendations that involve the installation of traffic calming elements must follow the City’s standard process for traffic calming if they are to be implemented with the City’s designated traffic calming funding. This includes meeting the standards of public engagement (be resident led) and speed thresholds.

- 1. Finding:** *Barcelona Dr lacks a sidewalk on its northern side, on school property (just south of the football field). The lack of sidewalk leading into the school parking lot off Barcelona Dr forces students to walk in the driveway to pass through the yellow gate. Due to congestion at Barcelona Dr/Millwood Dr, impatient drivers were also seen speeding into the parking lot, using the same drive student were forced to use to enter school grounds while walking.*

Recommendation: Construct a sidewalk along the north side of Barcelona Dr and connect it to the sidewalk along the northern side of the parking lot on school grounds. Implementing agency: School.

- 2. Finding:** *The intersection of Barcelona Dr/Millwood Dr contains extra space at the corners that can be repurposed for additional pedestrian protection and comfort. It is also missing a crosswalk on the southern side of the intersection. All corners lack curb ramps.*

Recommendations: Implementing agency: City.

- a. Install concrete curb extensions on all four corners.
- b. Install curb ramps and tactile warning pads.

- c. Install one high visibility crosswalk across Barcelona Dr.

- 3. **Finding:** *The steepness of Millwood Dr, in both directions, leads to perceived driver speeding (based on feedback from stakeholders during the walk audit).*
Recommendation: Install “speed feedback” along the corridor between Barcelona Dr and Magnolia Ave.
 Implementing agency: City.

- 4. **Finding:** *With the rolled curbs along Millwood Dr, drivers park partially on the sidewalk, blocking them for people walking. This is especially prevalent between Barcelona Dr and Magnolia Ave.*
Recommendation: On the north side of Millwood, on school property, widen sidewalks and install vertical 6” curb instead of the existing rollover style. This may require use of school property (depending on where the right-of-way line is). Implementing agency: City.

- 5. **Finding:** *The intersection of Magnolia Ave/Millwood Dr contains extra space at the corners that can be repurposed for additional pedestrian protection and comfort. The curb ramps at Magnolia/Millwood lack tactile warning pads.*
Recommendation: Install paint and post curb extensions and tactile warning pads. Implementing agency: City.

- 6. **Finding:** *The intersection of Broadway/Millwood Dr is extremely large due to the excess width of Millwood Dr to the east, and the presence of a median on Broadway to the south. The intersection contains excess space at the corners and lacks crosswalks on all legs. While stop signs exist on Millwood Dr, they are absent from Broadway.*
Recommendations: Implementing agency: City.
 - a. Complete a stop warrant study to consider the addition of stop signs on Broadway.
 - b. Install 4 paint and post curb extensions to reduce the pedestrian crossing distance.
 - c. Install high visibility crosswalks on all sides of the intersection.

- 7. **Finding:** *The intersection of Millwood Dr/El Camino Real contains excess space at the corners. The crosswalks along El Camino Real at this intersection are faded.*
Recommendations: Implementing agency: City.
 - a. Install two paint and post curb extensions to narrow the opening onto Millwood Dr.
 - b. Install a high-visibility crosswalk at the western approach on Millwood Dr.

- 8. **Finding:** *The intersection of Capuchino Dr/El Camino Real contains excess space at the corners. The crosswalks along El Camino Real at this intersection are faded.*
Recommendation: Implementing agency: City.
 - a. Install two paint and post curb extensions to narrow the opening onto Capuchino Dr.
 - b. Install a high-visibility crosswalk at the western approach across Capuchino Dr.

9. Finding: *The intersection of Park Pl/Park Blvd/Magnolia Ave is missing a crosswalk on the western side of the intersection. Students were observed crossing Park Blvd at the approach without the marked crosswalk. The intersection also contains excess space at the corners, due to non-perpendicular alignment and on-street parking.*

Recommendations: Implementing agency: City.

- a. Install paint and post curb extensions to narrow the wide intersection, especially on the northwest corner.
- b. Install a high-visibility crosswalk at the western approach across Park Blvd.

10. Finding: *The intersection of Park Blvd/El Camino Real contains excess space at the corners, due to large corner radii, and allows higher vehicle turning speeds. The crosswalks across Park Blvd at this intersection are faded.*

Recommendations: Implementing agency: City.

- a. Install one concrete curb extension to narrow the opening onto Park Blvd.
- b. Install a high-visibility crosswalk at the western approach on Park Blvd.

11. Finding: *At Park Pl/El Camino Real, crossing distances are especially long due to the right turn lanes (heading north on Park Pl) curving to the right. The crosswalks along El Camino Real at this intersection are faded.*

Recommendations: Implementing agency: City.

- a. Install two paint and post curb extensions to narrow the opening onto Park Pl.
- b. Straighten the right lane into alignment with the street.
- c. Install a high-visibility crosswalk at the western approach across Park Pl.

12. Recommendation: All crosswalks (existing and new) should be painted in yellow within 600 ft of school grounds. Implementing agency: City.

Non-Infrastructure Findings and Recommendations

These recommendations can be completed by a number of responsible parties: PTO members, school staff, local organizations, or in partnership with government staff (city staff, police).

- 1. Finding:** *Most people enter the school along Millwood Dr, despite the multiple entrances to the school.*
Recommendation: Encourage parents and students to use the multiple entrances to the school to reduce vehicle congestion along Millwood Dr. Coordinate with school staff to create more balanced arrival/dismissal guidance, potentially with entrances designated for use by certain grades.
- 2. Finding:** *Almost 50% of survey respondents from Capuchino agreed that walking/biking to school is important for their child's health, and 35% wished they walked or biked to school more often.*
Recommendation: Support recurring encouragement events, such as Walk/Roll to School Days or Cocoa for Carpool, to give families a chance to try out alternative modes. Follow up with additional resources on carpooling, such as a directory or place for families interested in carpooling to connect.
- 3. Finding:** *Many families noted in the survey in that a lack of bus access limited their student's mobility options – specifically from a lack of routes, as well as the limited frequency of routes near the school.*
Recommendation: As the school that covers the largest enrollment area of any in the district, improve public bus or school bus access to the school. Coordinate with SamTrans for better bus access and scheduling.
- 4. Recommendation:** The school zone speed limit should to be dropped to 15 mph as allowed by the CVC and with the approval of the City Council. Streets on which this applies: Millwood Dr, Barcelona Dr, Park Blvd.

DRAFT

**Safe Routes to Schools Improvement Plan
Capuchino High School**



Improvement Detail

- 1 Install sidewalk along the north side of Barcelona Dr and connect it to the sidewalk along the northern side of the parking lot on school grounds.
- 2 Install concrete curb extensions. Install curb ramps and tactile warning pads. Install high visibility crosswalk across Barcelona Dr.
- 3 Install "speed feedback" along the corridor between Barcelona and Magnolia.
- 4 On the north side of Millwood, on school property, widen sidewalks and install vertical 6" curb, instead of rollover style. This may require infringing onto school property (depending on where the right-of-way line is).
- 5 Install 4 paint and post curb extensions. Install tactile warning pads.
- 6 Install high visibility crosswalks on all sides of the intersection. Complete a stop warrant study to consider the addition of stop signs to Broadway. Install curb extensions.
- 7 Install 2 paint and post curb extensions. Install yellow, ladder high-visibility crosswalk at the western approach. Install curb extensions.
- 8 Install 2 paint and post curb extensions. Repaint crosswalk in higher visibility pattern.
- 9 Install yellow, ladder high-visibility crosswalk at the western approach. Install 4 paint and post curb extensions.
- 10 Install a concrete curb extension. Install yellow, ladder high-visibility crosswalk at the western approach. Install curb extensions.
- 11 Install 2 paint and post curb extensions. Straighten the right turn lanes into alignment with the street. Install yellow, ladder high-visibility crosswalk at the western approach.



The above items are recommendations only and based on Safe Routes to Schools site assessment best practices. Feasibility determination, final design, accessibility, funding, and implementation of any recommended improvements is the responsibility of the appropriate governing agency.
 **Red curb and/or parking restriction signage should be provided between advance stop/yield markings and the crosswalk. Exact red curb distance should be determined in accordance with the CA-MUTCD and City policies/standards. Red curb not symbolized on map.
 This figure is intended only for reference, conceptual planning, and informational purposes. This figure should not be used to establish boundaries, property lines, location of objects, or to provide any other information (especially needed for final design, construction or any other purpose when engineered plans are required).