



**Corridor Crossings**  
STRATEGY

# Appendix A: Identified Projects

*March 2026 (DRAFT)*





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# 1. LIST OF ACTIVE AND IDENTIFIED PROJECTS

There are 41 vehicular and 2 stand-alone bike and pedestrian at-grade crossings on the Caltrain-owned portion of the corridor.

**Table 1** and **Table 2** show, respectively, the active **at-grade safety enhancement** and identified **grade separation** projects currently on the corridor. Safety enhancement projects without any secured funding are not included in Table 1.

**Table 1: Active Safety Enhancement Projects**

Project Name	Lead Agency	Crossing*	Description**	Project Stage
Baseline Safety Enhancements	Caltrain	All at-grade crossings on Caltrain-owned corridor.	Install baseline safety improvements: solar markers, delineators, striping refresh and coordination with local jurisdictions for traffic signal adjustments.	Design
<i>San Mateo County</i>				
Broadway Safety Improvement Program	Caltrain	Broadway	Install solar markers, delineators, and intrusion detection and monitoring pilot.	Completed
San Mateo Train Quiet Zone Program	City	4 <sup>th</sup> Avenue 5 <sup>th</sup> Avenue	Install quad gates.	Completed
Watkins Avenue Grade Crossing Safety Improvements	Caltrain	Watkins Avenue	Install quad gates, pedestrian gates, pavement markers and markings, lighting, and sidewalk improvements.	Completed
Menlo Park Quiet Zone	City	Oak Grove Avenue Ravenswood Avenue	Install quad gates.	Design
<i>Santa Clara County</i>				
Churchill Avenue/Alma Street Crossing Safety Improvements (Section 130)	City	Churchill Avenue	New pre-signal and traffic signals with timing modifications and pedestrian/bicyclist improvements.	Completed
Palo Alto Quiet Zone Program	City	Alma/Palo Alto Avenue	Reconstruct medians minor curb construction.	Design
		Churchill Avenue East Meadow Drive Charleston Road	Install quad gates, fencing, striping, and signage.	Planning
Palo Alto At-Grade Safety Enhancements	Caltrain	Churchill Avenue	Install intrusion detection and monitoring pilot, solar lane markers and delineators. Refresh pavement markings. Install anti-trespass panels pilot.	Completed
		Alma/Palo Alto Avenue East Meadow Drive Charleston Road	Install baseline improvements, intrusion detection and monitoring pilot and anti-trespass panels pilot.	Construction
Charleston Road Grade Crossing Improvements (Section 130)	Caltrain	Charleston Road	Install advance signal preemption and pedestrian gates with flashed and replace warning devices.	Design

Notes: Information as of March 2026.

\*\*Please refer to Appendix B: Safety Enhancement Program for improvement type information including descriptions and photos.

**Table 2: Identified Elimination Projects**

Project Name	Crossing	Description	Project Stage
<i>San Francisco County</i>			
Pennsylvania Avenue Extension (PAX)	Mission Bay Drive and 16 <sup>th</sup> Street, San Francisco	Tunnel along Seventh Street and Pennsylvania Avenue	Planning
<i>San Mateo County</i>			
South Linden Avenue and Scott Street Grade Separation	Linden Avenue, South San Francisco and Scott Street, San Bruno	Linden Avenue = hybrid grade separation Scott Street = close crossing and construct new bicycle and pedestrian undercrossing	Design
Broadway Burlingame Grade Separation	Broadway, Burlingame	Hybrid grade separation	Design
San Mateo Grade Separation Project	1 <sup>st</sup> Avenue, 2 <sup>nd</sup> Avenue, 3 <sup>rd</sup> Avenue, 4 <sup>th</sup> Avenue, 5 <sup>th</sup> Avenue, and 9 <sup>th</sup> Avenue, San Mateo	To be determined	Planning
Villa Terrace Crossing Closure	Villa Terrace, San Mateo	Permanent full closure of Villa Terrace	Design
East Bellevue Crossing Closure	East Bellevue, San Mateo	Permanent full closure of East Bellevue Avenue	Planning
Redwood City Grade Separation Study	Whipple Avenue, Brewster Avenue, Broadway/Marshall Street, Maple Street, Main Street, and Chestnut Street, Redwood City	To be determined	Planning
Menlo Park Grade Separation Project	Encinal Avenue, Glenwood Avenue, Oak Grove Avenue, and Ravenswood Avenue, Menlo Park	Hybrid grade separation with Encinal Ave remaining open at-grade	Planning
Middle Avenue Bike/Ped Undercrossing	<b>NEW CROSSING</b> at Middle Avenue, Menlo Park	New bicycle and pedestrian undercrossing	Design
<i>Santa Clara County</i>			
Palo Alto Avenue Grade Separation	Palo Alto Avenue, Palo Alto	To be determined	Planning
Connecting Palo Alto	Churchill Avenue, East Meadow Drive, and Charleston Road, Palo Alto	Churchill Avenue = partial underpass grade separation Meadow and Charleston = underpass or hybrid grade separations	Design
South Palo Alto Bike/Ped Crossing	<b>NEW CROSSING:</b> south of Oregon Expressway, Palo Alto	To be determined	Planning
Rengstorff Grade Separation	Rengstorff Avenue, Mountain View	Underpass with bicycle and pedestrian bridge	Design
Castro Street Crossing Closure	Castro Street, Mountain View	Close crossing	Design
Castro Street Grade Separation	Castro Street, Mountain View	Construct new bicycle and pedestrian undercrossing	Planning
Bernardo Avenue Undercrossing	<b>NEW CROSSING:</b> Bernardo Avenue, Sunnyvale	New bicycle and pedestrian undercrossing	Design
Mary Avenue Grade Separation	Mary Avenue, Sunnyvale	Underpass grade separation with jughandle	Planning
Sunnyvale Avenue Grade Separation	Sunnyvale Avenue, Sunnyvale	Close crossing and construct new bicycle and pedestrian undercrossing	Planning
Benton Street and Brokaw Road Grade Separation	<b>NEW CROSSING:</b> Benton Street/Brokaw Road, Santa Clara	New vehicle, bicycle, and pedestrian crossing	Planning
Diridon Area Projects	Auzerais Avenue and Virginia Street, San Jose	To be determined	Planning
Southern San Jose Grade Separations Project <b>(Union Pacific Railroad)</b>	Skyway Drive, Branham Lane, and Chynoweth Avenue, San Jose	To be determined	Planning
Morgan Hill Grade Separation Project <b>(Union Pacific Railroad)</b>	Morgan Hill Station Ped/Bike Crossing, Dunne Avenue and Tennant Avenue	To be determined	Planning

Notes: Information as of March 2026.