



San Mateo County Unincorporated Local Road Safety Plan – Fact Sheet

Background/Need

As part of California’s Strategic Highway Safety Plan, the State of California announced a Call for Local Roadway Safety Plans (LRSP) Applications in 2020. A LRSP creates a framework to systematically identify and analyze safety concerns and recommend safety enhancements on local streets.

In 2020, the Department of Public Works was awarded a LRSP grant from the California Department of Transportation (Caltrans), in the amount of \$72,000 to develop the County’s first Local Road Safety Plan for its unincorporated local roads. On April 21, 2020, this Board approved Resolution No. 077376 to accept funding from Caltrans. Since then, the Department has been in development of said plan.

Beginning in 2022, the State of California Highway Safety Improvement Program (HSIP) Calls-for-Projects will require local agencies to have a completed and adopted LRSP or an equivalent plan, to be eligible for federal HSIP funds. Other federal, state, or local aid programs may also require an adopted LRSP in order to be eligible for funding.

Process

The LRSP was developed with input from these safety partners: California Department of Transportation, California Highway Patrol, San Mateo County Board of Supervisors, San Mateo County Office of Education, San Mateo County Office of Sustainability, San Mateo County Planning and Building, San Mateo County Unincorporated Bicycle and Pedestrian Advisory Committee. Three workshops were held with the safety partners, and they were instrumental in developing the methodology of analyzing past collision data and prioritizing roadways for improvements

The LRSP analyzed collision data from the University of California Berkeley Transportation Injury Mapping System (TIMS) from 2014 through 2020, which collects injury data for collisions reported to law enforcement in California.

Goals and Outcomes

The LRSP is targeting a goal of zero fatal collisions by 2035. To reach the goal of zero fatalities by 2035, this plan systematically prioritizes which of its roads would benefit most from safety improvements. The LRSP then identifies Caltrans approved countermeasures that would enhance safety of the County’s roads.

The LRSP will be updated within 5 years as new data becomes available. The update will evaluate efforts made since the approval of the plan and will re-evaluate the priority roads and countermeasures list.



Selected Countermeasures for Priority Road Segments

Street Name	Install Bike Lanes	Install Separated Bike Lanes	Install Chevrons	Install Curve Warning Signs	Install Delineators and Reflectors on Median	Install Edgelines	Install Edgelines and Centerlines	Install Rapid Rectangular Flashing Beacons	Install/Upgrade Crossing with Enhanced Safety	Restrict Parking	Road Diet
4th Ave								X	X		
5th Ave	X ¹						X	X	X		
Alameda de las Pulgas	X										X ²
Alpine Rd				X ³							
Avy Ave							X				
Bay Rd	X						X	X	X		X
Canada Rd		X	X	X							
Cloverdale Rd							X				
Country Club Dr							X				
Edgewood Rd							X				
Golf Course Dr	X										X
Guadalupe Canyon Pkwy		X									X ⁴
Harbor Blvd	X							X	X		X
Higgins Canyon Rd				X			X				
Hillside Blvd	X							X	X		X
Middlefield Rd	X							X	X		X
Old La Honda Rd				X							
Pescadero Creek Rd		X	X	X							
Ringwood Ave				X			X				
Sand Hill Rd	X ⁵							X	X		X
Santa Cruz Ave	X							X	X		X ⁶
Skyline Blvd							X				
Tunitas Creek Rd		X	X	X		X					
Verde Rd							X				
Westborough Blvd					X						
Winding Wy						X				X	
Wurr Rd						X					

¹ Buffered green bike lanes installed in 2021

² Under final design

³ Conceptual study completed

⁴ Under conceptual design

⁵ Bike lane gap at I-280 interchange under conceptual plan

⁶ Under final design



Selected Countermeasures for Priority Unsignalized Intersections

Primary Street	Secondary Street	Install intersection lighting	Convert to all-way stop control	Install signals	Convert Intersection to roundabout	Install/upgrade larger or additional warning/regulatory signs	Upgrade intersection pavement markings	Install flashing beacons at stop-controlled intersections	Install flashing beacons as advance warning	Create directional median openings to allow/restrict left/U-turns	Install raised medians/refuge Island	Install pedestrian crossings at uncontrolled locations with enhanced safety features	Install rectangular rapid flashing beacon	Install pedestrian signal (HAWK)
Alpine Rd	Interstate 280			X ⁷	X	X		X	X					
State Route 82	Selby Lane	X		X	X					X	X	X	X	X ⁸
State Route 1	Cypress Ave		X	X		X	X		X		X			
Spring St	Warrington Ave		X									X	X	
Montgomery Ave	San Carlos Ave		X ⁹											
State Route 1	Medio Ave										X	X	X	X
State Route 1	Virginia Rd										X	X	X	X
Edgewood Rd	Canada Rd				X	X								
Edgewood Rd	Crestview Dr				X	X								
Middlefield Rd	6 th Ave											X	X	X
Middlefield Rd	2 nd Ave			X								X	X ¹⁰	X

⁷ Conceptual study completed, pending funding for design development

⁸ City of Atherton completed conceptual design, pending further funding

⁹ All-way stops control completed

¹⁰ Rectangular Rapid Flashing Beacons under construction under Middlefield Road Improvement Project



Selected Countermeasures for Priority Signalized Intersections

Primary Street	Secondary Street	Install/upgrade larger or additional warning/regulatory	Upgrade intersection pavement markings	Install flashing beacons as advance warning	Create directional median openings to allow/restrict left/U-	Install raised medians/refuge island	Improve signal hardware	Improve signal timing	Install raised pavement markers and striping through intersection	Modify signal phasing to implement a Leading Pedestrian Interval
State Route 1	Capistrano Ave					X	X	X	X	X
Alameda de las Pulgas	Valparaiso Ave									X
Middlefield Road	5 th Ave						X	X	X	X
Ralston Ave	State Route 92	X		X						

Key Dates:

Milestone	Date	Notes
Caltrans Grant Award for LRSP Development	February 2020	Grant was for \$72,000 to develop the LRSP.
Meet with Advisory Committees and Councils (NFO, PMAC, MCC, BPAC)	Aug/Sep 2022	
Update Plan Based on Feedback from Advisory Committees and Councils Meetings	October 2022	
Board Memo Due	November 2022	
Latest Possible Board Meeting	January 2023	
Caltrans Grant Deadline for Completion of LRSP	February 4, 2023	