

Valparaiso

Safe Route Plan



Neighborhood Meeting
March 29, 2012

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Meeting Agenda

- Introductions (Steering Committee) 10 min
- Presentation on Valparaiso SR2S project efforts 20 min
- Discussion and comments of existing issues 20 min
- Proposed Alternatives and Next Steps 10 min
- Small group discussions on proposed alternatives to hear comments and suggestions 60 min

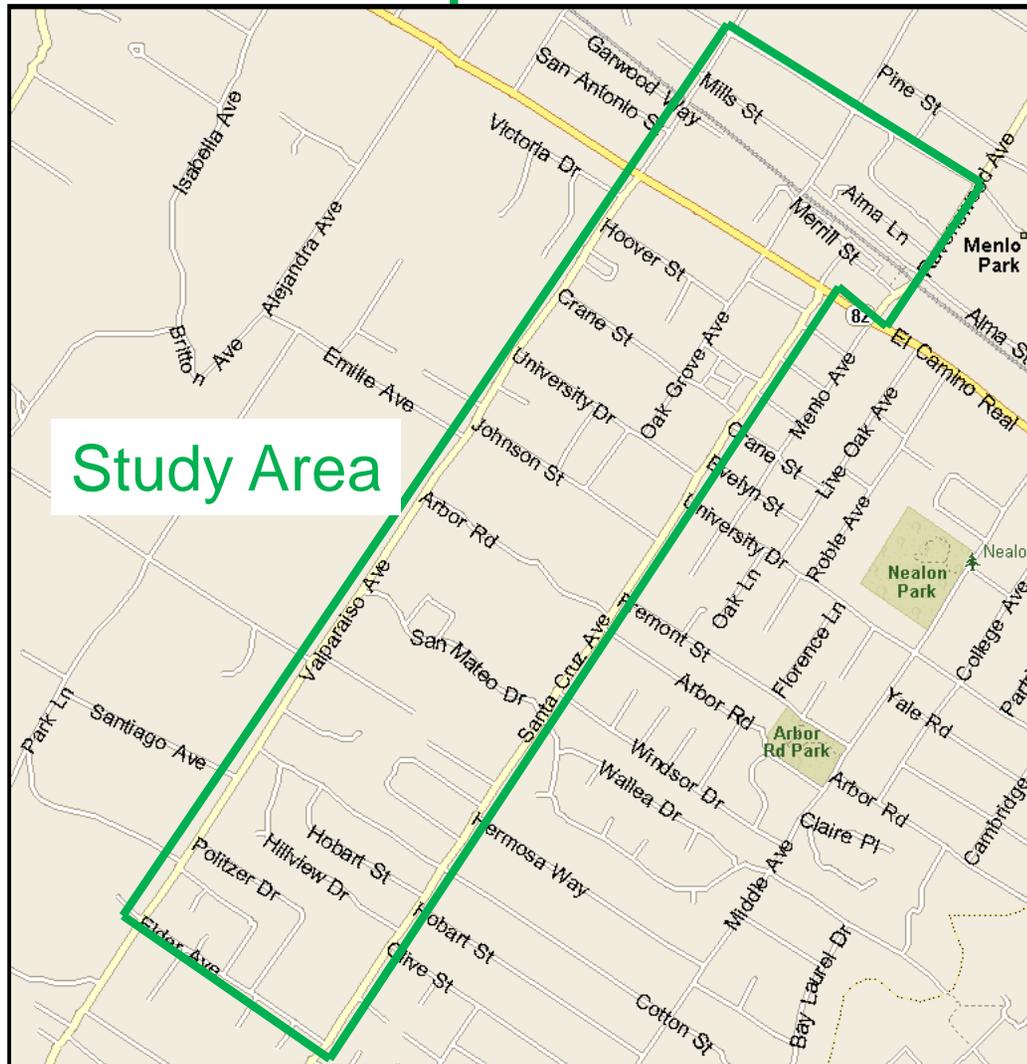


Safe Routes to School in Menlo Park

- Safe Routes Projects in Menlo Park
 - Oak Knoll Elementary School (completed & constructed)
 - Laurel Elementary School (completed & constructed)
 - Encinal Elementary School (completed & grant application)
 - Alternative Transportation to Schools Study
 - Valparaiso SR2S Study



Valparaiso SR2S Background



- Hillview School
- Encinal School
- Oak Knoll School
- Sacred Heart Schools
- Menlo School
- Nativity School
- Saint Raymond School



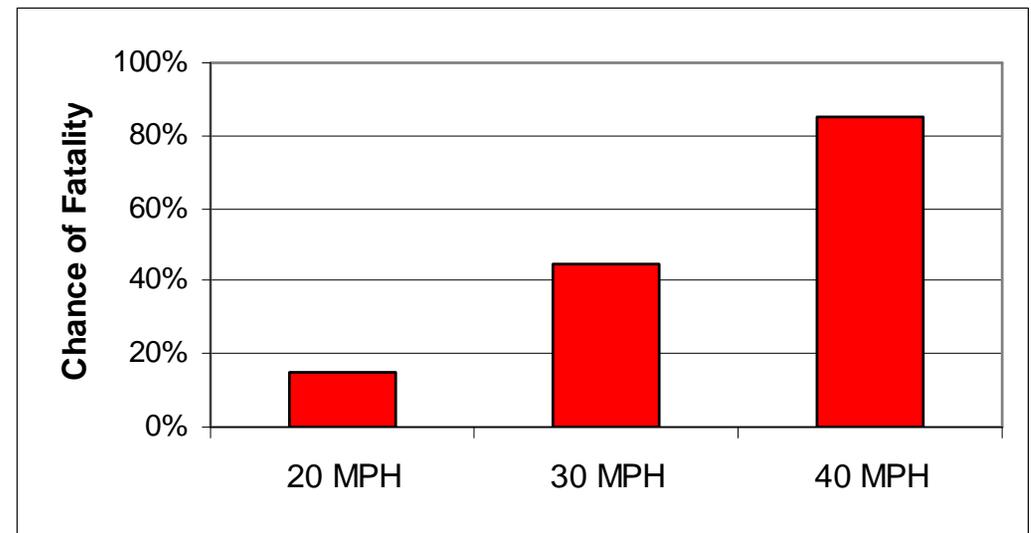
Task 1 – Data Collection & Review

- Kick-off Meeting (Steering Committee)
- City provided data
 - Turning Movement Counts
 - Speed Surveys
 - Collision Data
 - Aerial Photos & Maps
- Conduct Field Observations
- Meeting with City Staff



Collision Data

According to studies in the UK, a pedestrian or bicyclist struck by a vehicle traveling at 20 mph has a 15% chance that the collision will be fatal. However, when the speed is 30 mph, the likelihood of a fatality increases to 45% and jumps to 85% at 40 mph.





Vehicle Speed Information

Roadway	Posted Speed	Average Speed	85% Speed	10 mph Pace	Speed > 10mph over Limit
Valparaiso Avenue (Cotton St to El Camino Real)	35 mph	34.2 mph	36.7 mph	29-39 mph	0 of 122 vehicles
Valparaiso Avenue (City Limit to Cotton St)	35 mph	36.0 mph	39.1 mph	30-40 mph	2 of 134 vehicles
Santa Cruz Avenue (City Limit to Olive St)	30 mph	30.5 mph	33.6 mph	26-36 mph	1 of 128 vehicles
Santa Cruz Avenue (Olive St to University Ave)	30 mph	32.1 mph	35.6 mph	26-36 mph	1 of 128 vehicles
Santa Cruz Avenue (University Ave to El Camino Real)	25 mph	19.8 mph	23.1 mph	15-25 mph	0 of 120 vehicles

Santa Cruz and Valparaiso Avenue speed surveys to be updated in 2012 and 2013.



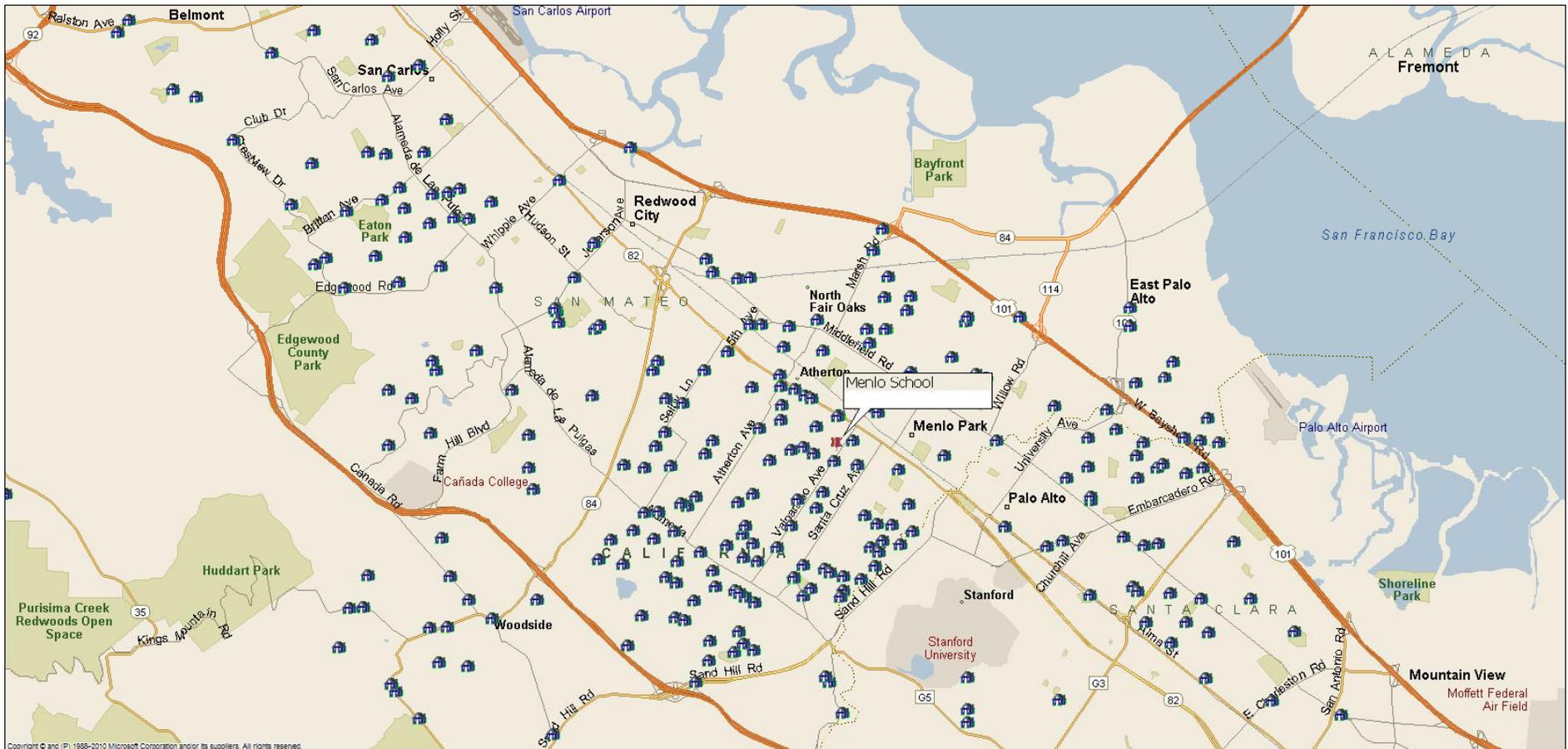
Valparaiso SR2S Collision Data

Pedestrian/bike collision data was provided by Menlo Park and Atherton for the Valparaiso Avenue SR2S study area for 2006 through 2011.

Roadway	Collisions recorded on each roadway each year					
	2006	2007	2008	2009	2010	2011
Elena Avenue	N/A	1	1	N/A	1	N/A
Emilie Avenue	N/A	N/A	1	1	N/A	1
Park Lane	N/A	1	2	N/A	1	N/A
Valparaiso Avenue	N/A	N/A	2	3	4	4
Elder Avenue	N/A	2	1	N/A	1	N/A
San Mateo Drive	4	3	1	N/A	N/A	N/A



Student Residences & Routes to School



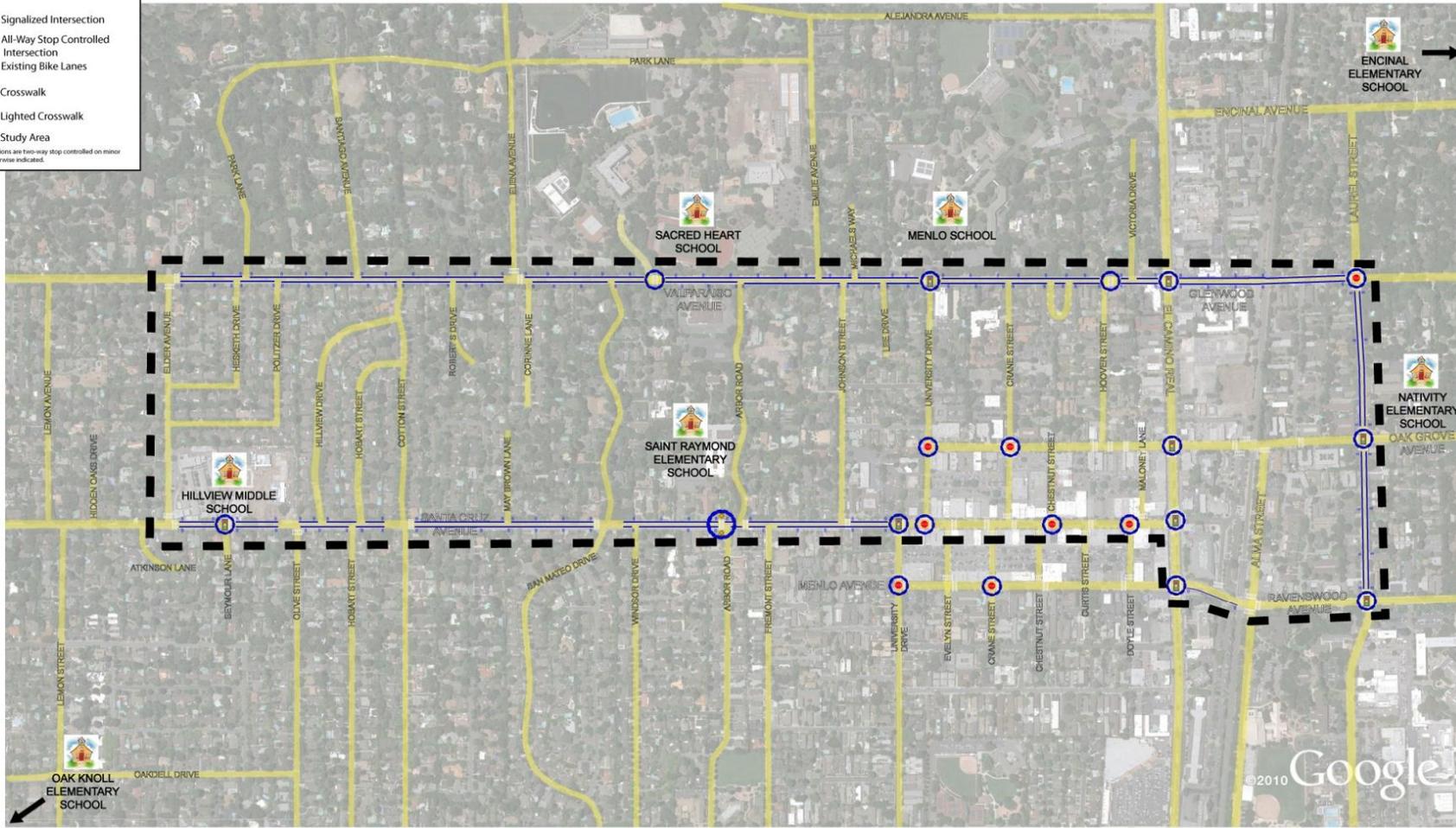


Menlo Park - Valparaiso Safe Routes to School Plan

LEGEND:

- Existing
- Signalized Intersection
- All-Way Stop Controlled Intersection
- Existing Bike Lanes
- Crosswalk
- Lighted Crosswalk
- Study Area

Note: All intersections are two-way stop controlled on minor street unless otherwise indicated.



Source: Google Earth Pro



NOT TO SCALE

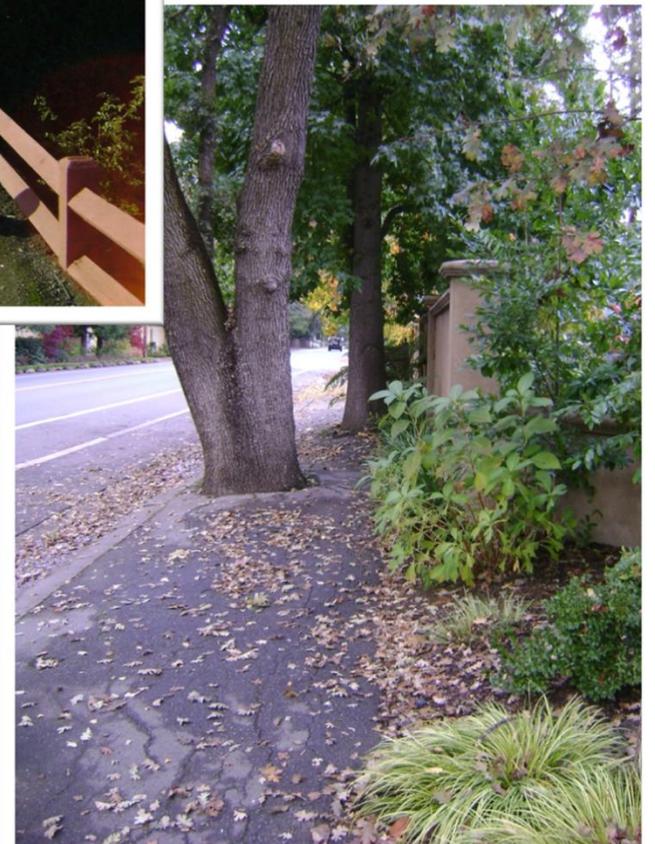
Valparaiso

Safe Route Plan



Valparaiso

Safe Route Plan





Comments and Observations on Existing Issues



Task 2 – Improvement Alternatives

- Discuss with City Possible Improvements:
 - Traffic Calming Tools and School Safety Education
- Meet with Steering Committee + Stakeholder Group
 - Discuss advantages/disadvantages
 - Make recommendations
- Neighborhood Meeting (tonight's meeting)
- Prepare Potential Alternatives Improvement Chapter

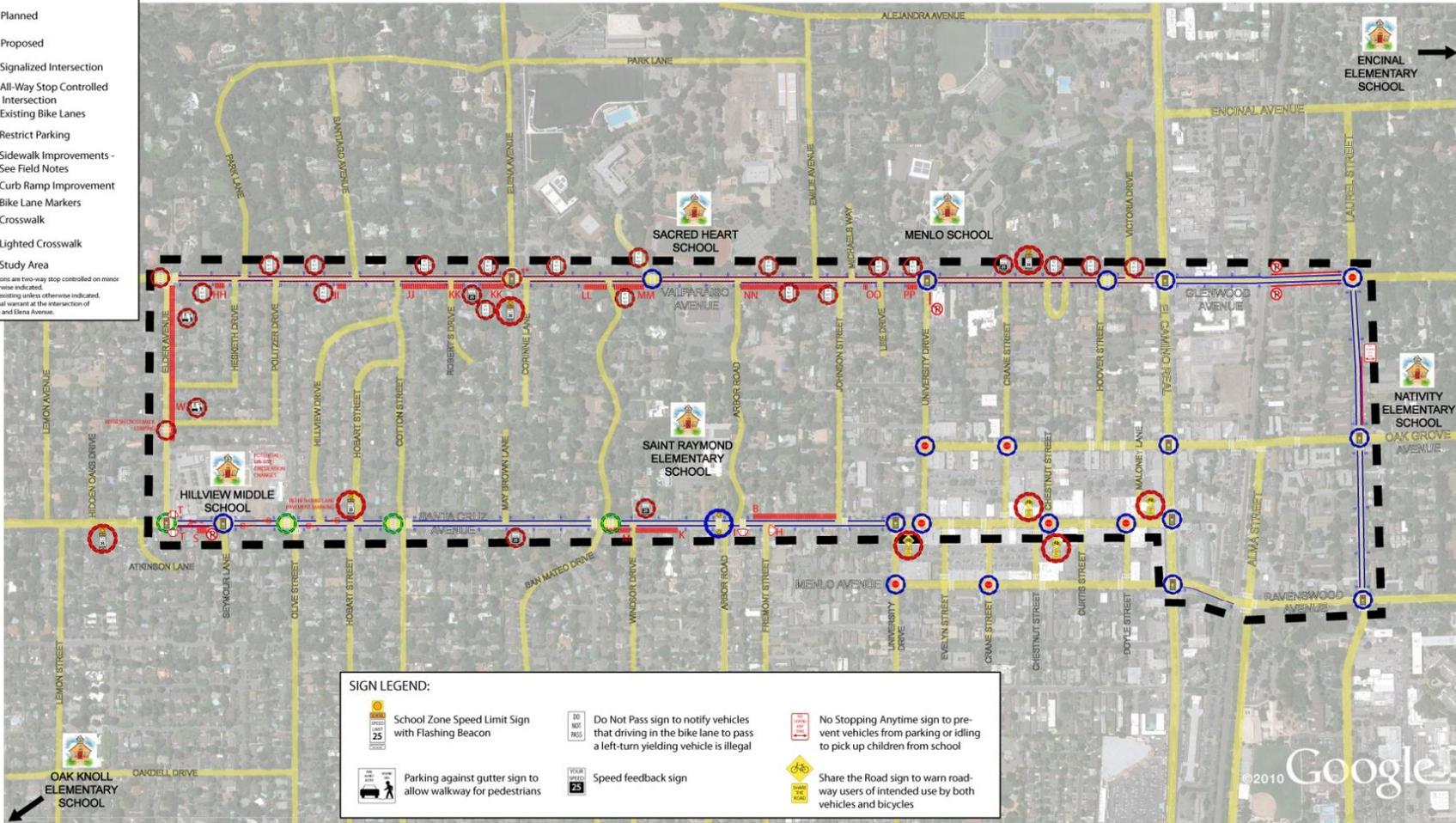


Menlo Park - Valparaiso Safe Routes to School Plan

LEGEND:

- Existing
- Planned
- Proposed
- Signalized Intersection
- All-Way Stop Controlled Intersection
- Existing Bike Lanes
- Restrict Parking
- Sidewalk Improvements - See Field Notes
- Curb Ramp Improvement
- Bike Lane Markers
- Crosswalk
- Lighted Crosswalk
- Study Area

Note: All intersections are two-way stop controlled on minor street unless otherwise indicated.
All crosswalks are existing unless otherwise indicated.
** Monitor for signal warrants at the intersection of Valparaiso Avenue and Elena Avenue.



SIGN LEGEND:

	School Zone Speed Limit Sign with Flashing Beacon		Do Not Pass sign to notify vehicles that driving in the bike lane to pass a left-turn yielding vehicle is illegal		No Stopping Anytime sign to prevent vehicles from parking or idling to pick up children from school
	Parking against gutter sign to allow walkway for pedestrians		Speed feedback sign		Share the Road sign to warn roadway users of intended use by both vehicles and bicycles

Source: Google Earth Pro



NOT TO SCALE



Task 3 - Draft Plan

- Prepare Draft SR2S Plan
- Present Draft SR2S Plan at Neighborhood Meeting
- Present Draft SR2S Plan to City's Bicycle and Transportation Commissions
- Prepare Final Draft SR2S Plan



Task 4 - Presentation to Menlo Park City Council

- Present Final Draft SR2S Plan
- Discuss Council Members comments
- Prepare Final SR2S Plan

Task 5 – Preliminary Design Plans

- Develop 35% concept plans, special provisions, and cost estimates



Small Group Discussions on Proposed Alternatives Plan