

SAFE ROUTES TO SCHOOL

ALAMEDA COUNTY UNINCORPORATED AREAS

**Unincorporated Alameda County
Bicycle and Pedestrian Advisory Committee
December 17, 2020**



PRESENTATION **OUTLINE**

1. Safe Routes to School Study (SRTS)
2. SRTS Short-Term Measures
3. SRTS Projects Completed & Under Construction
4. Enforcement & Education
5. Questions



SAFE ROUTES TO SCHOOL **OVERVIEW**

- Improve pedestrian and bicycle safety in the vicinity of schools
- Include the 3 E's: Engineering, Education, and Enforcement
- Includes all public schools in Unincorporated Alameda County
- Customized for each school
- Program funded by FHWA Active Transportation Program



SAFE ROUTES TO SCHOOL

35 SCHOOLS

Castro Valley Unified School District

- Canyon Middle School
- Castro Valley Elementary School
- Castro Valley High School
- Chabot Elementary School
- Creekside Middle School
- Independent Elementary School
- Jensen Ranch Elementary School
- Marshall Elementary School
- Palomares Elementary School
- Proctor Elementary School
- Redwood High School
- Stanton Elementary School
- Vannoy Elementary School

San Lorenzo Unified School District

- Arroyo High School
- Bay Elementary School
- Bohannon Middle School
- Colonial Acres Elementary School
- Del Rey Elementary School
- East Bay Arts High School
- Edendale Middle School
- Grant Elementary School
- Hesperian Elementary School
- Hillside Elementary School
- Lorenzo Manor Elementary School
- Royal Sunset High School
- San Lorenzo High School

Mountain House Elementary School District

- Mountain House School

Sunol Glen Unified School District

- Sunol Glen School

Hayward Unified School District

- Cherryland Elementary School
- East Avenue Elementary School
- Fairview Elementary School
- Hayward High School
- Strobridge Elementary School

Public Charter Schools

- Golden Oak School
- KIPP King School



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SAFE ROUTES TO SCHOOL PROCESS

2017

MAR-JUL

Collaborated with principals, parents, volunteers, and the Parent Teacher Association to determine existing conditions, conducted school site walking audits, and identified issues and programs

2017

JUL-SEPT

Developed recommended traffic safety countermeasures (Engineering, Education, and Enforcement)

2017

OCT

Began implementation of SRTS short-term countermeasures at 35 Alameda County unincorporated areas schools

2018

JUN

Evaluated and modified SRTS study

2019

JUN

SRTS Report finalized with projects identified



SAFE ROUTES TO SCHOOL **CONSIDERATIONS**

The plan included the following key elements:

- Strategies to prevent bicycle and pedestrian collisions
- Educational programs to promoted safe walking and biking (School District)
- Training programs to supported parent and school administrator SRTS advocates
- Developed and prioritized bicycle and pedestrian safety countermeasures



SHORT-TERM MEASURES **SUMMARY**

Short-term measures within public roads have been implemented:

- High visibility crosswalks
- Various traffic regulations (parking, vehicle turning, etc.)
- Flashing beacons for pedestrians
- School warning signs and pavement markings
- Traffic calming measures such as speed feedback signs and humps



SHORT-TERM MEASURES **HIGH VISIBILITY CROSSWALKS**

- **PURPOSE:** Identify proper crossing location for pedestrians and raise drivers' awareness of pedestrian activities.
- **SAMPLE LOCATIONS:**
 - Princeton Street / Sunset Blvd
 - Wagner Street / Mills Avenue
 - Tulsa Street / Vassar Avenue
 - Stanton Avenue / Carlton Avenue
 - Bond Street Near Main Street





SHORT-TERM MEASURES **PARKING & TURNING REGULATIONS**

- **PURPOSE:** Regulate parking to improve visibility at school driveways or facilitate pick up / drop off at designated zone. Prohibit certain turning movements in order to promote orderly movement of traffic around schools.

- **SAMPLE LOCATIONS:**

Parking

Center Street

Paradise Knolls

Turning

Ashland Avenue

Drew Street

Lake Chabot Road





SHORT-TERM MEASURES PEDESTRIAN FLASHING BEACONS

- **PURPOSE:** User-actuated warning lights to inform drivers when pedestrians are about to cross the street.
- **SAMPLE LOCATIONS:**
Lake Chabot Road
East Avenue
Ashland Avenue
Grant Avenue





SHORT-TERM MEASURES

WARNING SIGNS & PAVEMENT MARKINGS

- **PURPOSE:** Define boundary of school zone and remind drivers of the presence of students

- **SAMPLE LOCATIONS:**

Sunset Blvd
Laurel Avenue
Princeton Street
Idena Avenue
Clifton Avenue
Crow Canyon Road





SHORT-TERM MEASURES

TRAFFIC CALMING MEASURES

- **PURPOSE:** Use of speed humps or speed radar signs to encourage drivers to slow down
- **SAMPLE LOCATIONS:**

Speed Humps

Grant Avenue
Princeton Street
Marcella Avenue
Palo Verde Road

Speed Radar Signs

Carson Lane
Glenwood Drive
Bockman Road





SHORT-TERM MEASURES

MEASURES IMPLEMENTED NOT IN REPORT

- **Leading Pedestrian Interval:**
 - East 14th Street / 163rd Avenue
 - Redwood Road / Heyer Avenue
 - Crow Canyon Road / Manter Road
- **School Zone Designation:**
 - Idena Avenue
 - Crow Canyon Road
- **Crossing Guard:**
 - East 14th Street / 163rd Avenue
 - Cull Canyon Road / Heyer Avenue





PROJECTS COMPLETED / UNDER CONSTRUCTION SUMMARY

Sidewalk/Bicycle Projects (since 2016):

- 162nd Avenue
- 163rd Avenue
- Maubert Avenue
- Mattox Road
- Maud Avenue
- Hathaway Avenue
- Ashland Avenue
- Orange Avenue
- West Blossom RR Xing
- Via Enrico
- Channel Street
- Eden Area Bulb-out and RRFB
- Meekland Avenue
- Santa Maria Avenue
- East Avenue
- Western Boulevard
- Center Street
- 164th Avenue/Blossom Way
- Haviland Avenue
- * East 14th Street Phase II
- * Stanton Avenue

* Under Construction

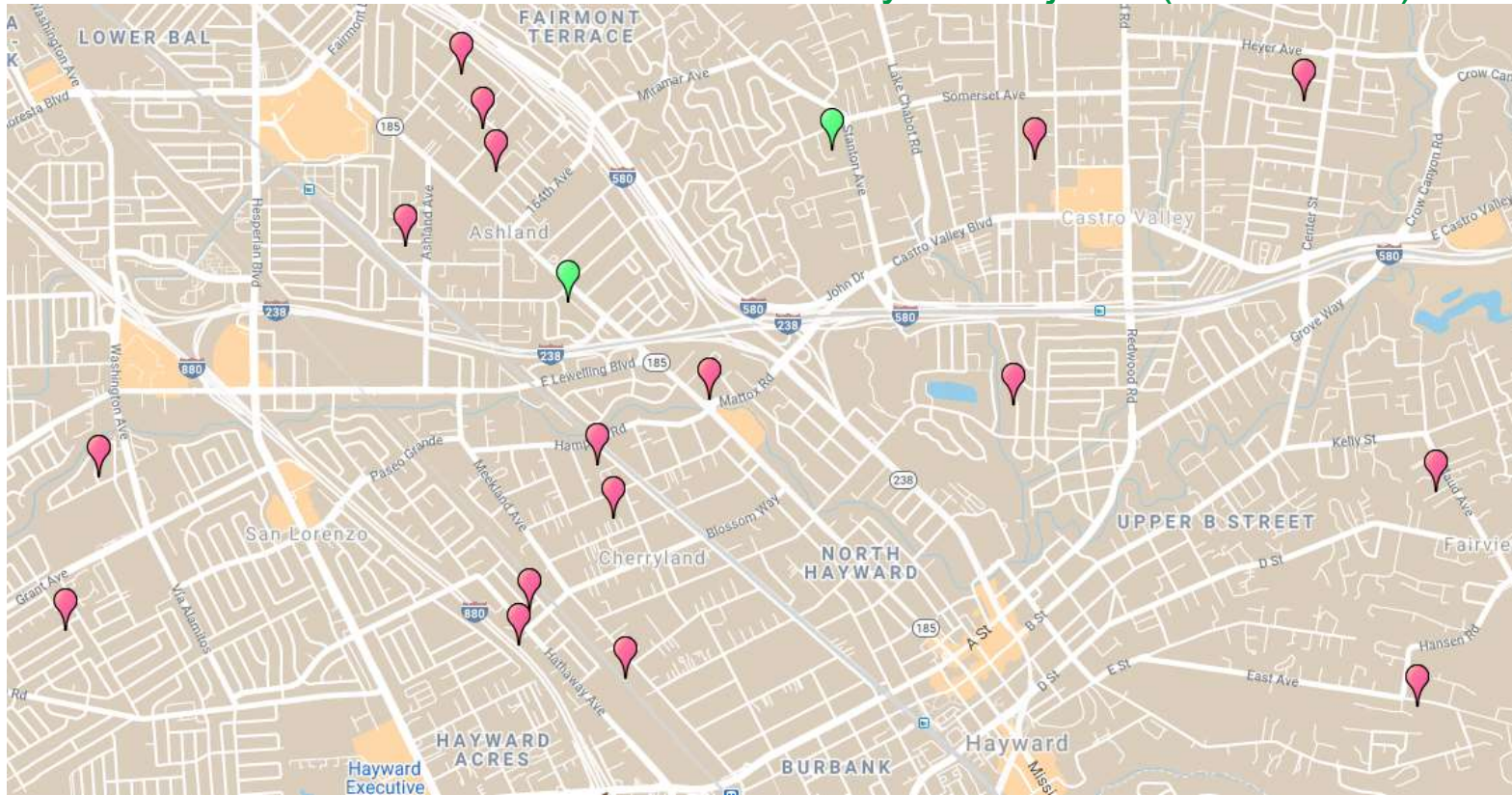


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PROJECTS COMPLETED / UNDER CONSTRUCTION **SUMMARY**

Sidewalk/Bicycle Projects (since 2016):





ENFORCEMENT

The **California Highway Patrol (CHP)** and the **Alameda County Sheriff's Department** are the enforcement arms for traffic safety, and are essential to ensuring success of pedestrian and bicycle safety.



EDUCATION IMPLEMENTATION

- Education is identified in the SRTS report as required beyond the engineering solutions being implemented.
- The SRTS report recognizes the critical role schools play to ensure student safety by continuing to provide grade-level appropriate safety education training including the following:

- Student Bicycle and Pedestrian Safety Workshops
- Pedestrian & Bicycle Rodeos
- Train the Trainer Workshops
- Safe Routes to School Toolkit
- Safe Routes to School Curriculum





QUESTIONS **FOR MORE INFORMATION**



Alameda County Public Works Agency



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