



**UNINCORPORATED ALAMEDA COUNTY
BICYCLE AND PEDESTRIAN ADVISORY COMMITTEE
Meeting Agenda**

Thursday December 17, 2020, 6:00 p.m.

In observance of the Shelter-in-Place, this is a virtual meeting using the "Zoom Webinar" platform. Members of the Public wanting to attend this meeting and speak on an agenda item can find out how to do so by referencing to Alameda County Public Works Agency's teleconferencing guidelines posted on-line at:

At the noticed date and time listed above, the Zoom Webinar is accessible at this web address: <https://zoom.us/j/99932007281>

By phone only: (669) 900-6833

Webinar ID# 999 3200 7281

ADA accommodation is available upon request by calling: (510) 605-6632

- 1. Call to Order**
- 2. Roll Call**
- 3. Consent Items**
 - a. Approve Action Minutes for BPAC Meeting on June 24, 2020
 - b. Approve Action Minutes for BPAC Meeting on September 24, 2020
- 4. Presentations**
 - a. Overview of Safe Route to School Study
 - b. Highway Safety Improvement Program Grants Application
 - c. East Lewelling Boulevard Corridor Improvement Project
- 5. Public Comment**

Any member of the public may address the committee.
- 6. Adjournment**

Next Meeting – Thursday, March 25, 2021



**UNINCORPORATED ALAMEDA COUNTY
BICYCLE AND PEDESTRIAN ADVISORY COMMITTEE
Action Minutes**

Thursday, June 25, 2020, 1:00 p.m.

1. Call to Order

Facilitator Edric Kwan, ACPWA Deputy Director called the meeting to order at 1:05 p.m.

Committee Members Present: Parvin Ahmadi, David Berman, Sharon Bohoman, Chris Chandler, Chonita Chew, Bruce Dughi, Rachel Factor, Cathy Langley, Daniel Leary, Michael C. Williams, Rebecca Stanek-Rykoff and Cindy Torres

Committee Members Absent: Carmen Lopez, Aaron Salas and Matt Wayne

Public Works Staff Present: Daniel Woldesenbet (Director), Edric Kwan (Deputy Director) and Halimah Anderson (Public Information Specialist)

2. Welcome by Daniel Woldesenbet, Director of Public Works Agency

3. Welcome by Nate Miley, District 4 Supervisor

4. Committee Members Self Introductions

5. Discussion Items by Facilitator Edric Kwan, Deputy Director

a. Future Meeting Locations and Times

Approve regular meeting locations, both virtually and in-person meeting, alternating between the Castro Valley Library (March and September), and the San Lorenzo Library (June and December).

ACTION: It was Motion/Second (Cathy/Parvin) to vote on the meeting location and to table the discussion about the meeting time. VOTE: (10 For / 0 Against / 0 Abstain / 5 Absent)

ACTION: It was Motion/Second (Bruce/Parvin) to have the ability to participate via audio and alternate physical locations between the libraries.
VOTE: (9 For / 0 Against / 1 Abstain / 5 Absent)

b. Approve regular meeting time from 6:00 p.m. to 7:30 p.m.

Public Comment

- JoAnne Lauer, Bike Walk Castro Valley – Supports evening meetings for more public input.

ACTION: It was Motion/Second (Ahmadi/Stanek-Rykoff) to establish meeting time from 6:00 p.m. to 7:30 p.m. VOTE: (9 For / 1 Against / 0 Abstain / 5 Absent)

6. Public Comment

- Matt Turner, Supervisor Mileys Office - Requested the number of meeting participants.
- Nic McMaster, Castro Valley School District Staff – Interested in becoming member.

7. Adjournment

Facilitator Edric Kwan adjourned the meeting at 2:30 p.m.



**UNINCORPORATED ALAMEDA COUNTY
BICYCLE AND PEDESTRIAN ADVISORY COMMITTEE
Action Minutes**

Thursday September 24, 2020, 6:00 p.m.

1. Call to Order

Facilitator Rick Yeung, ACPWA Traffic Engineer called the meeting to order at 6:05 p.m.

Committee Members Present: Parvin Ahmadi, David Berman, Sharon Bohoman, Chonita Chew, Bruce Dughi, Daniel Leary, Carmen Lopez, Cindy Torres and Michael C. Williams

Committee Members Absent: Chris Chandler, Rachel Factor, Aaron Salas, Rebecca Stanek-Rykoff and Matt Wayne

Public Works Staff Present: Art Carrera (Principal Civil Engineer), Rick Yeung (Traffic Engineer), Halimah Anderson (Public Information Specialist) and Ryan McClain (Consultant)

2. Presentations

a. Overview of the 2019 Bicycle and Pedestrian Master Plan

b. Active Transportation Program (ATP) Grant Applications

Public Comment:

- JoAnne Lauer, Bike Walk Castro Valley – Offered to support Agency grants and was informed that projects were selected as best candidates for grant eligibility.
- Matt Turner, Supervisor Nate Miley’s office – Supported Mission Boulevard project with raised bike lanes.

3. Discussion Items

a. Approve Action Minutes for BPAC Meeting on June 24, 2020

ACTION: It was Motion/Second (Dughi/Berman) for the minutes to be revised and brought back at next meeting. VOTE: (9 For / 0 Against / 1 Abstain / 5 Absent)

b. Reschedule BPAC Meeting from December 24th to December 17th

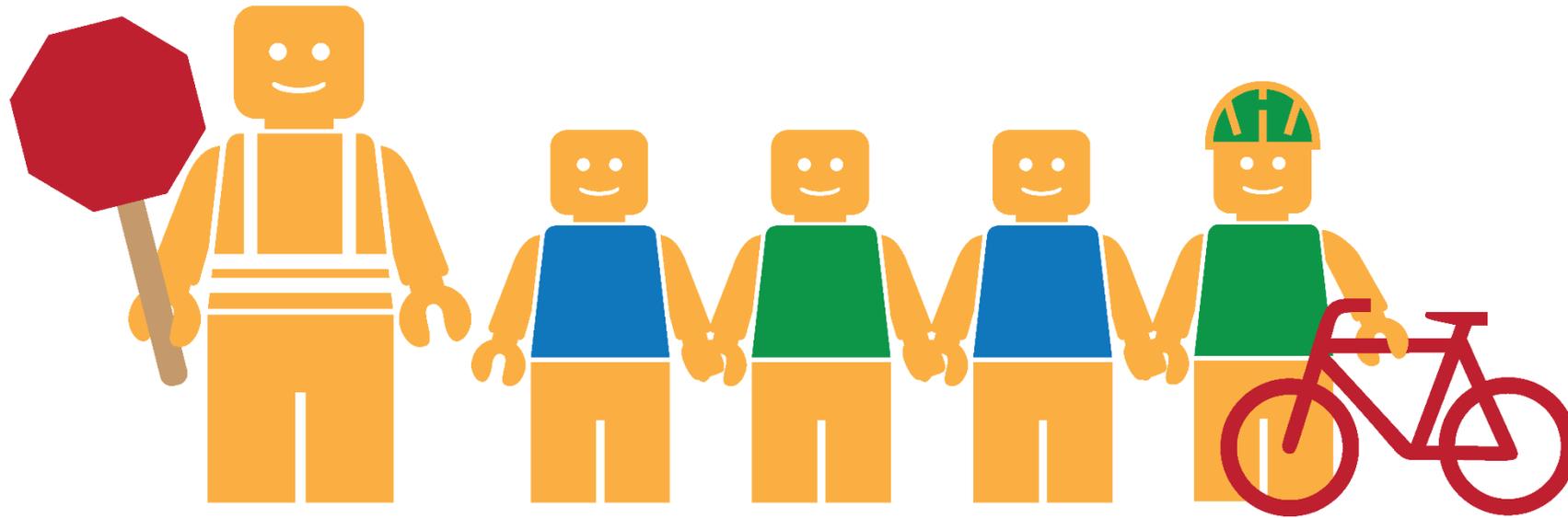
ACTION: It was Motion/Second (Berman/Bohoman). VOTE: (8 For / 0 Against / 0 Abstain / 6 Absent)

4. Public Comment

- Joanne Lauer, Bike Walk Castro Valley – Requested a list of upcoming projects; was confirmed by staff that the UCBPAC is open for the public to participate; and was confirmed by staff that meeting notices are posted 72 hours in advance.

5. Adjournment

Facilitator Rick Yeung adjourned the meeting at 7:30 p.m.



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





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

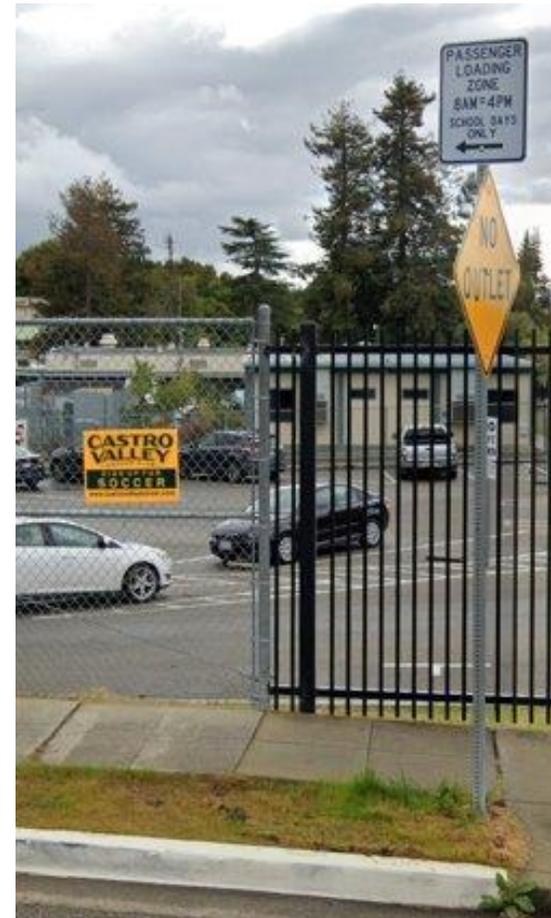
Paradise Knolls

Turning

Ashland Avenue

Drew Street

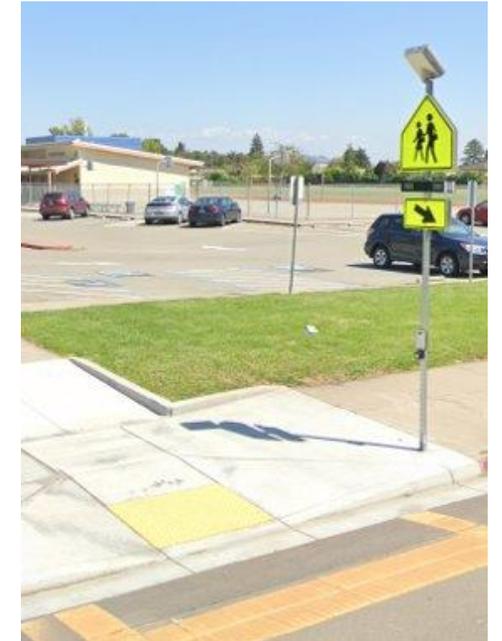
Lake Chabot Road





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

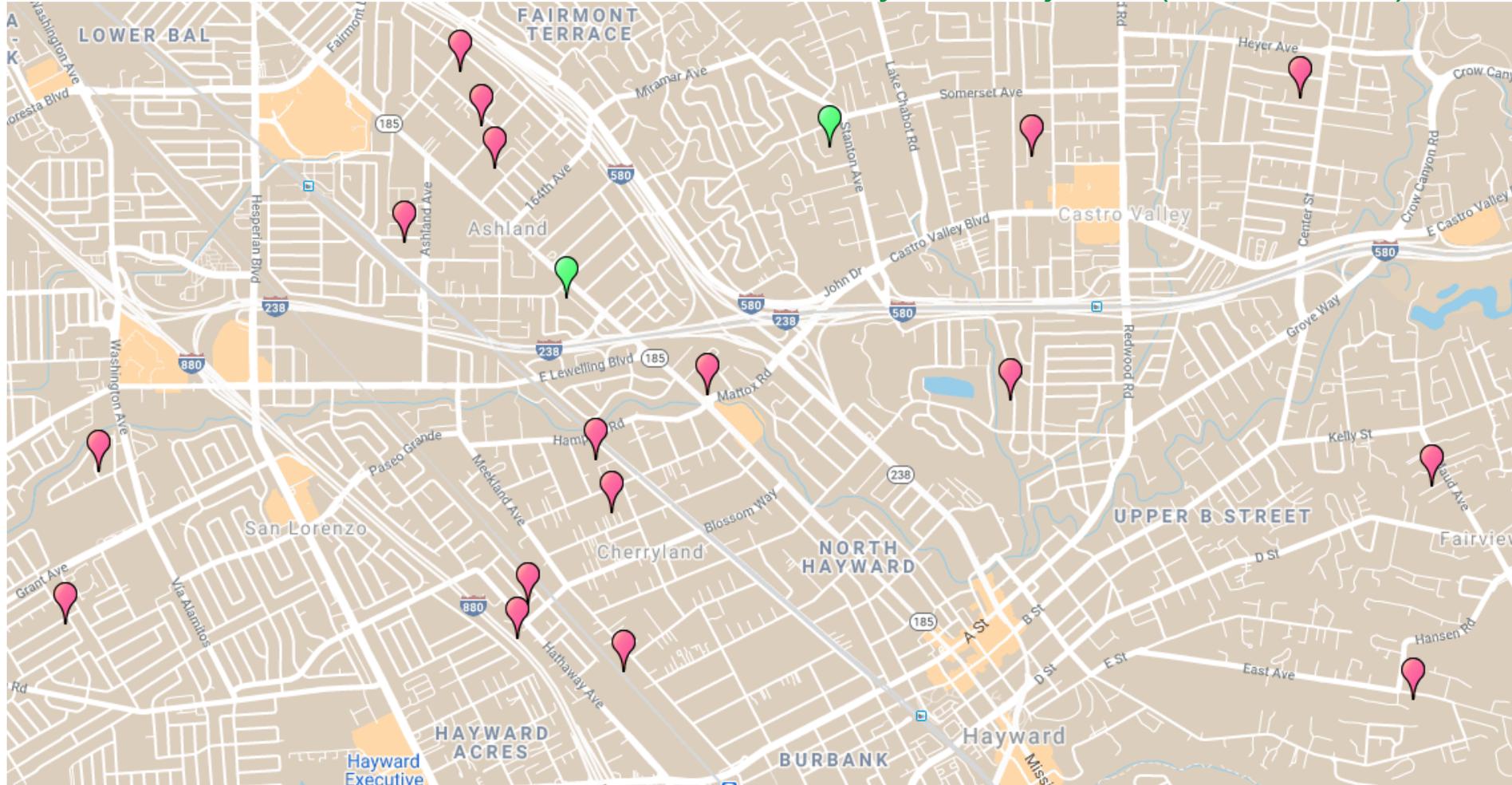




PROJECTS COMPLETED / UNDER CONSTRUCTION

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



Info@acpwa.org



510.670.5480



<https://www.acpwa.org>
Safe Routes to School Program

Funding Applications

Highway Safety Improvement Program (HSIP) - Cycle 10

*UNINCORPORATED ALAMEDA COUNTY BICYCLE
AND PEDESTRIAN ADVISORY COMMITTEE
DECEMBER 17, 2020*

RICK YEUNG, P.E.
TRAFFIC ENGINEER



Public Works Agency
— Alameda County —

Outline

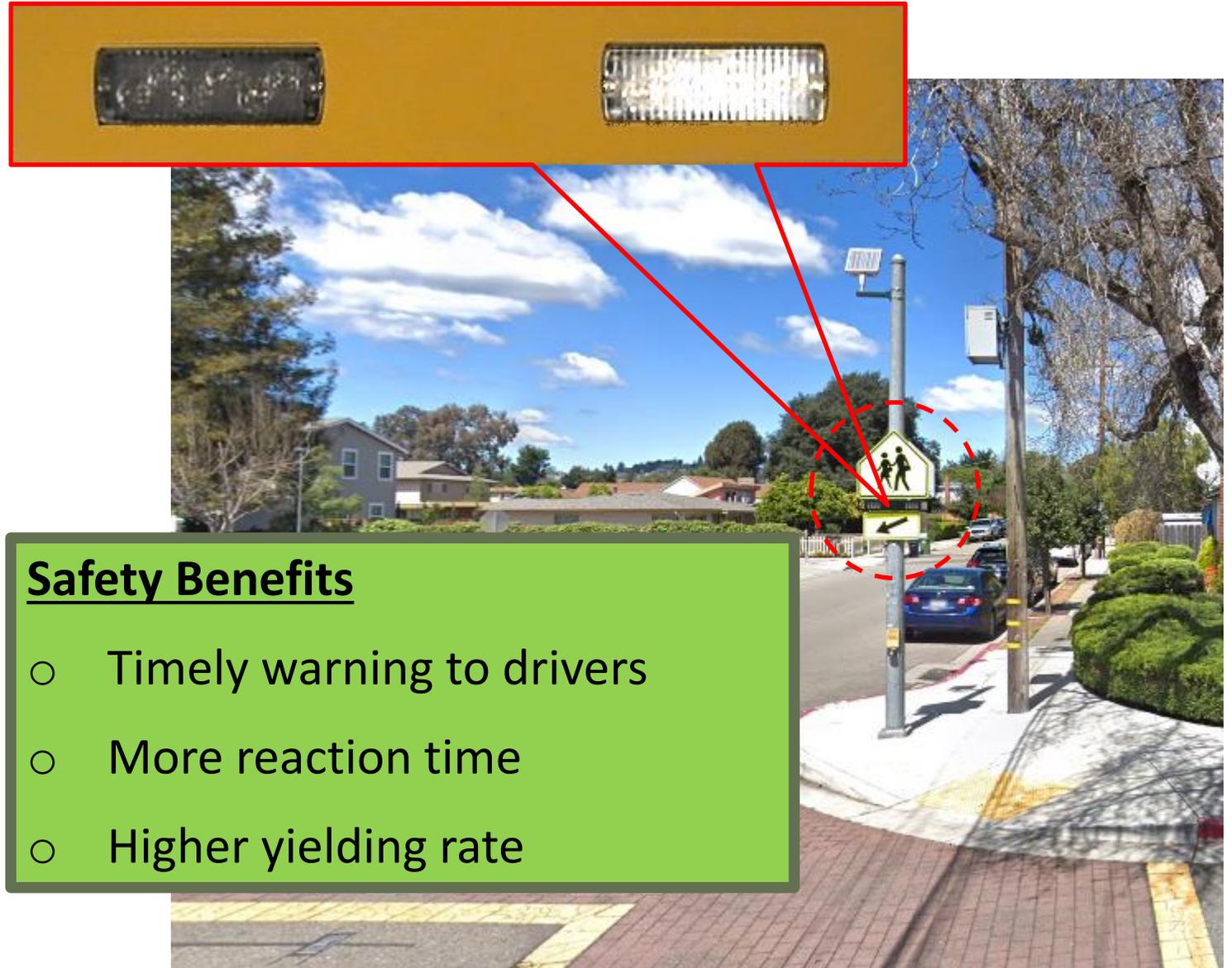
- Overview of Highway Safety Improvement Program (HSIP)
- Projects Submitted for Funding Consideration
- Status of the Applications
- Summary / Q&A

Highway Safety Improvement Program Overview

1. Federal-aid program with the purpose of reducing traffic fatalities and serious injuries on all public roads
2. Funds to assist local agencies to address specific safety concerns
3. Cycle 10 call-for-project was announced in May 2020
4. Pedestrian safety projects submitted for funding consideration:
 - A. Rectangular Rapid Flashing Beacons (RRFB) on Two-lane Arterial Roadways
 - B. Pedestrian Hybrid Beacons (HAWK) on Multi-lane Arterial Roadways

HSIP Application

Rapid
Rectangular
Flashing
Beacons
(RRFB)



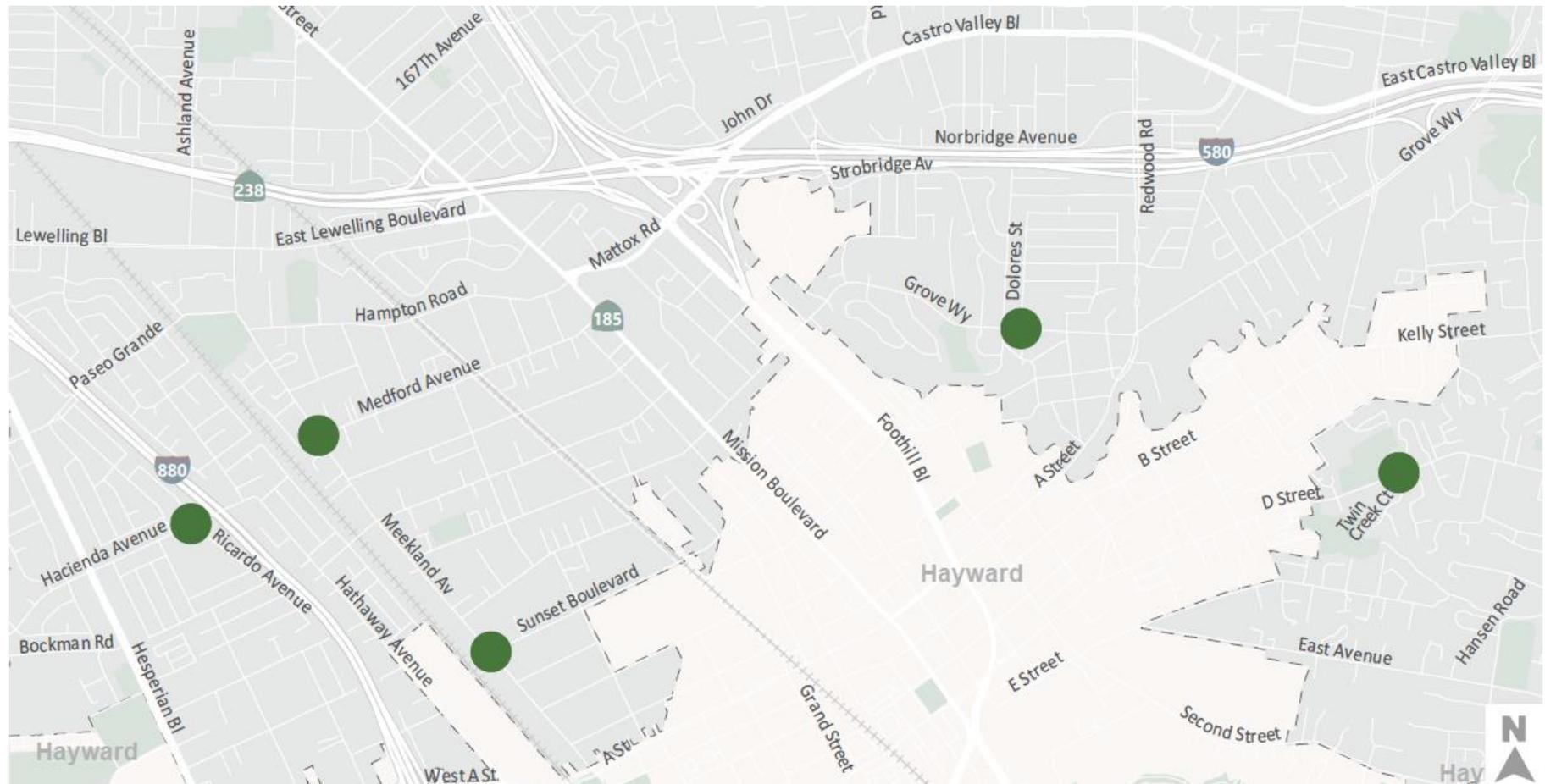
Safety Benefits

- Timely warning to drivers
- More reaction time
- Higher yielding rate

HSIP Application

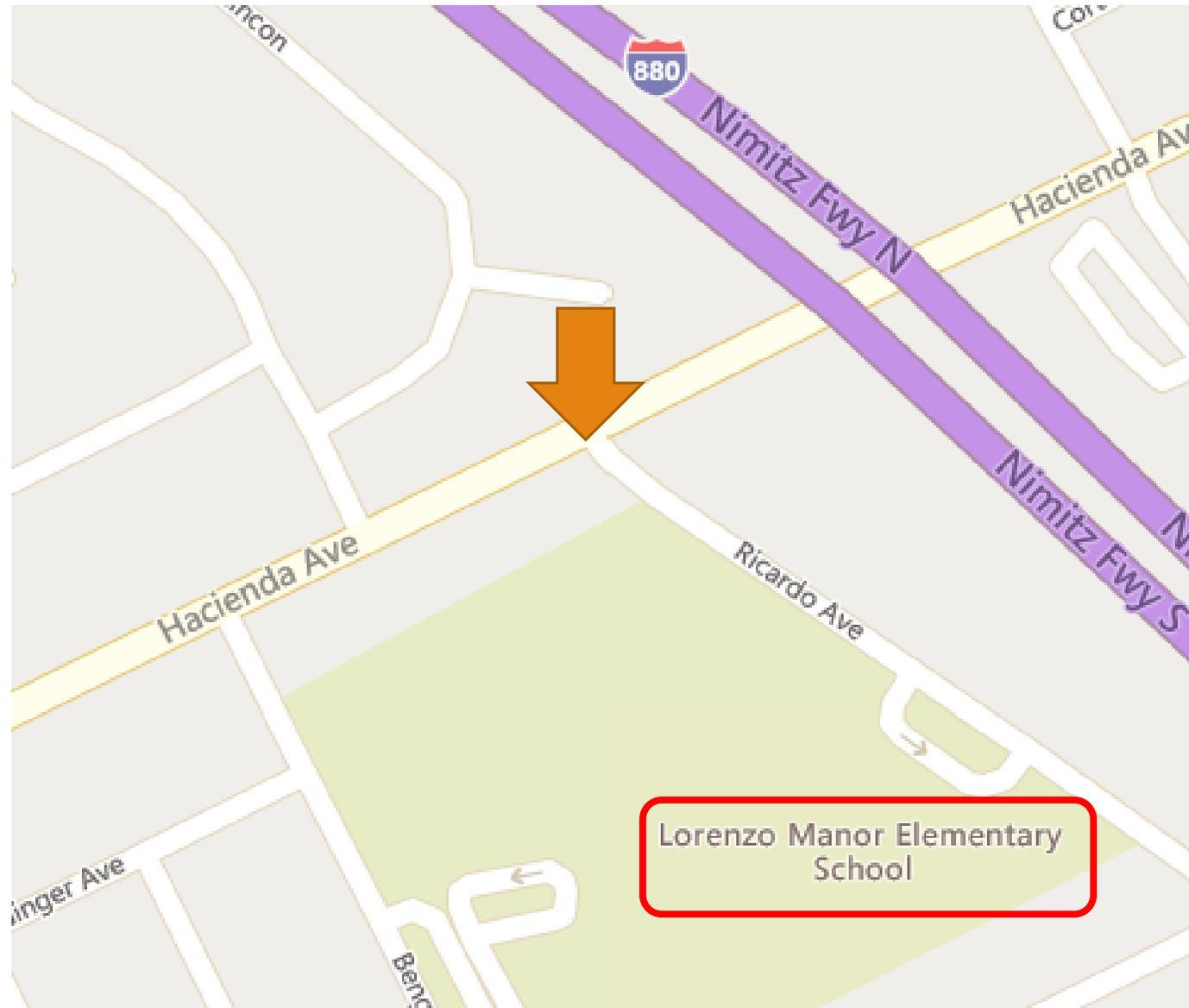
Rectangular Rapid Flashing Beacons (RRFB)

- Locations
- Characteristics:
 - Uncontrolled crossings
 - Nearby pedestrian generators (parks, schools)
 - Two-lane arterial roads



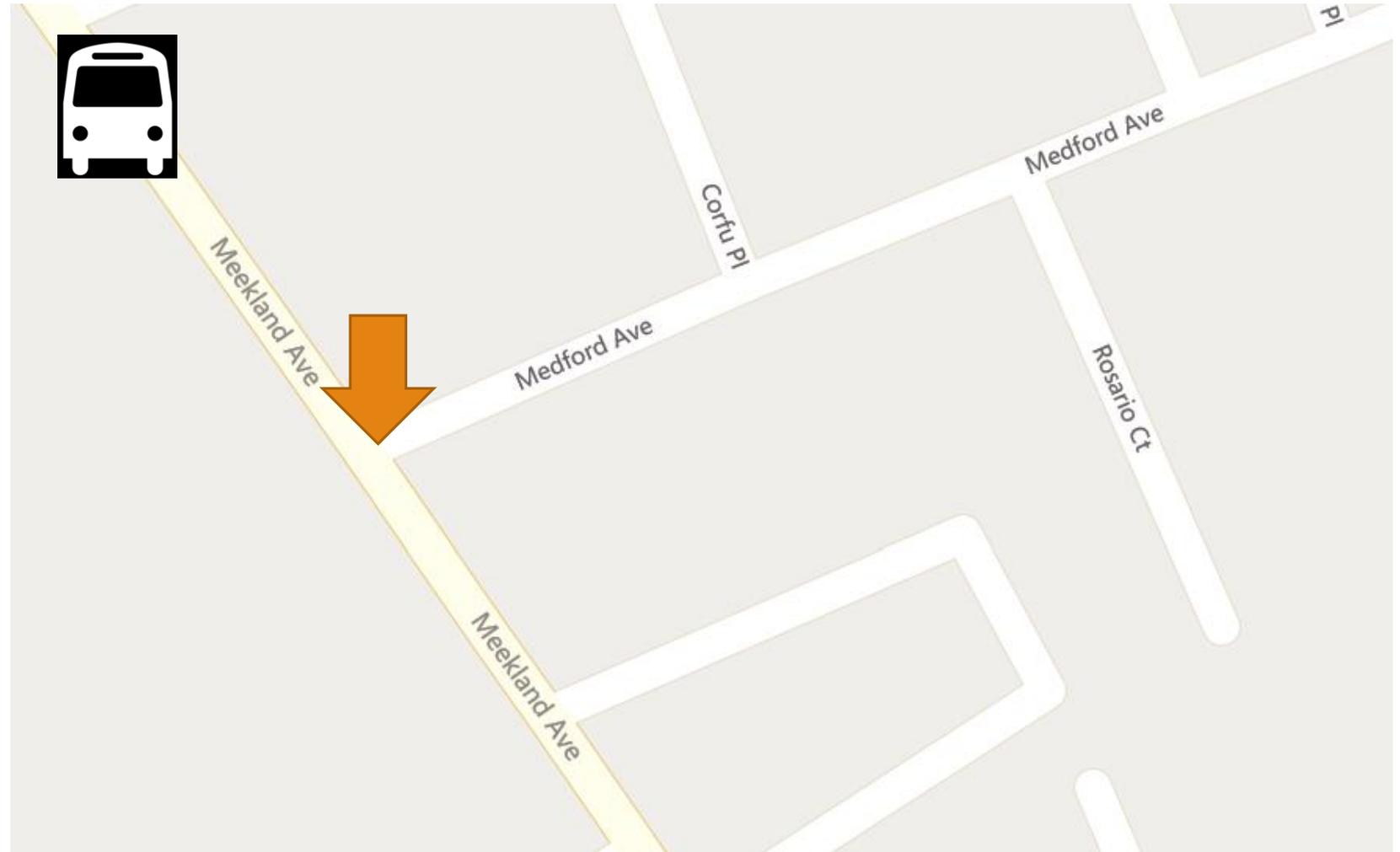
Rectangular
Rapid Flashing
Beacons

Hacienda
Ave / Ricardo
Ave



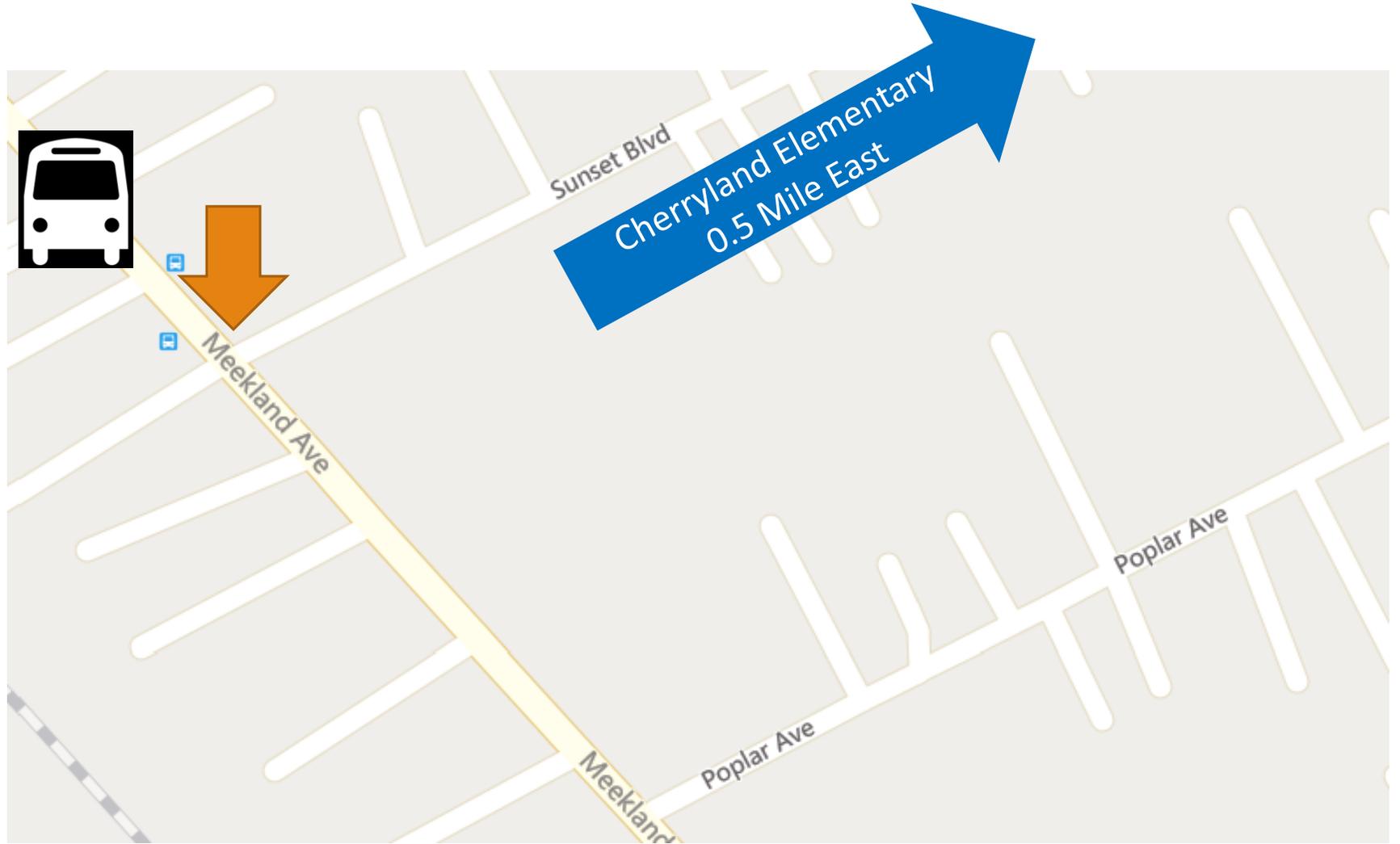
Rectangular
Rapid Flashing
Beacons

Meekland
Ave /
Medford Ave



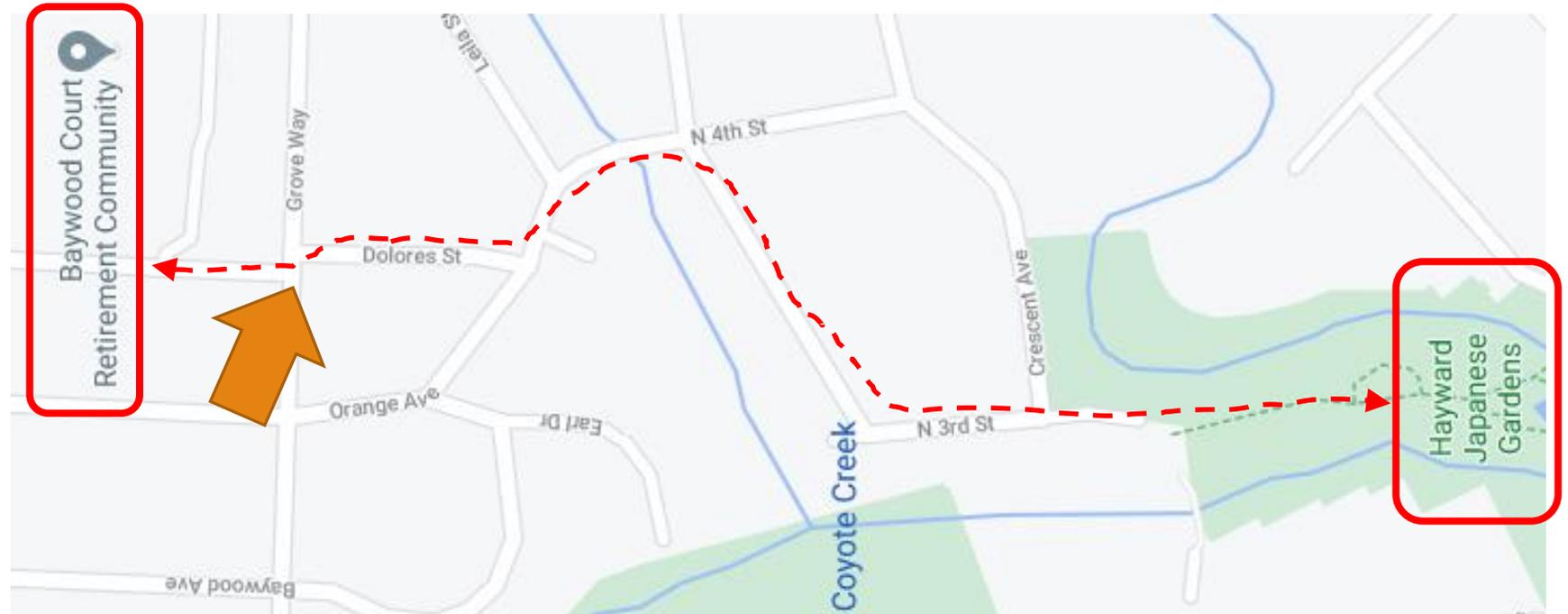
Rectangular
Rapid Flashing
Beacons

Meekland
Ave / Sunset
Blvd



Rectangular
Rapid Flashing
Beacons

Grove Way /
Dolores St



Rectangular
Rapid Flashing
Beacons

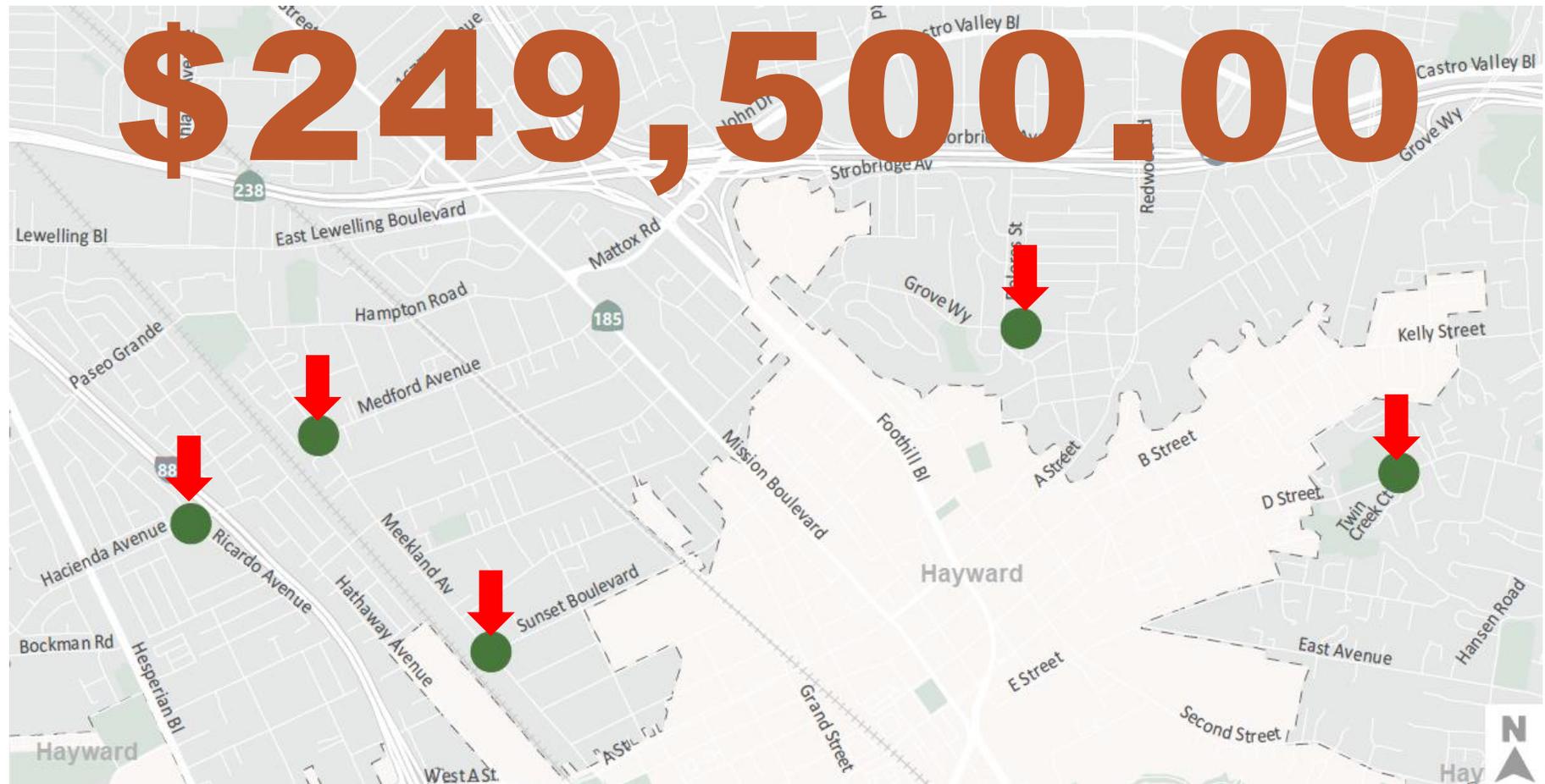
D St / Twin
Creek Ct



HSIP Application

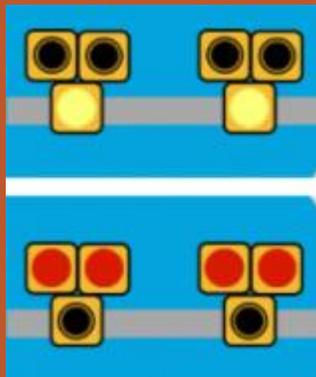
Rectangular Rapid Flashing Beacons (RRFB)

1. Hacienda Ave / Ricardo Ave
2. Meekland Ave / Medford Ave
3. Meekland Ave / Sunset Ave
4. Grove Way / Dolores St
5. D St / Twin Creek Ct



HSIP Application

Pedestrian Hybrid Beacons (HAWK)



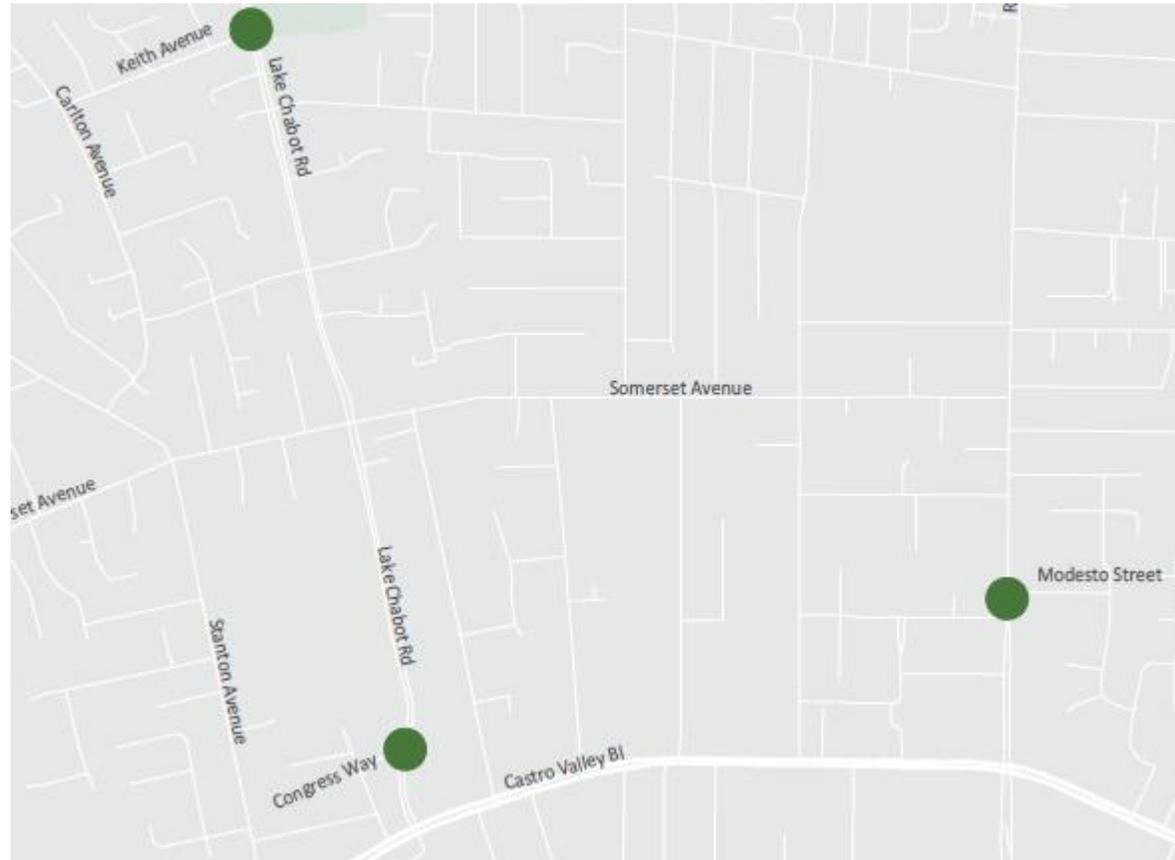
Safety Benefits

- Right-of-way for pedestrians to cross the street
- Significantly reduces conflicts between cars and peds

HSIP Application

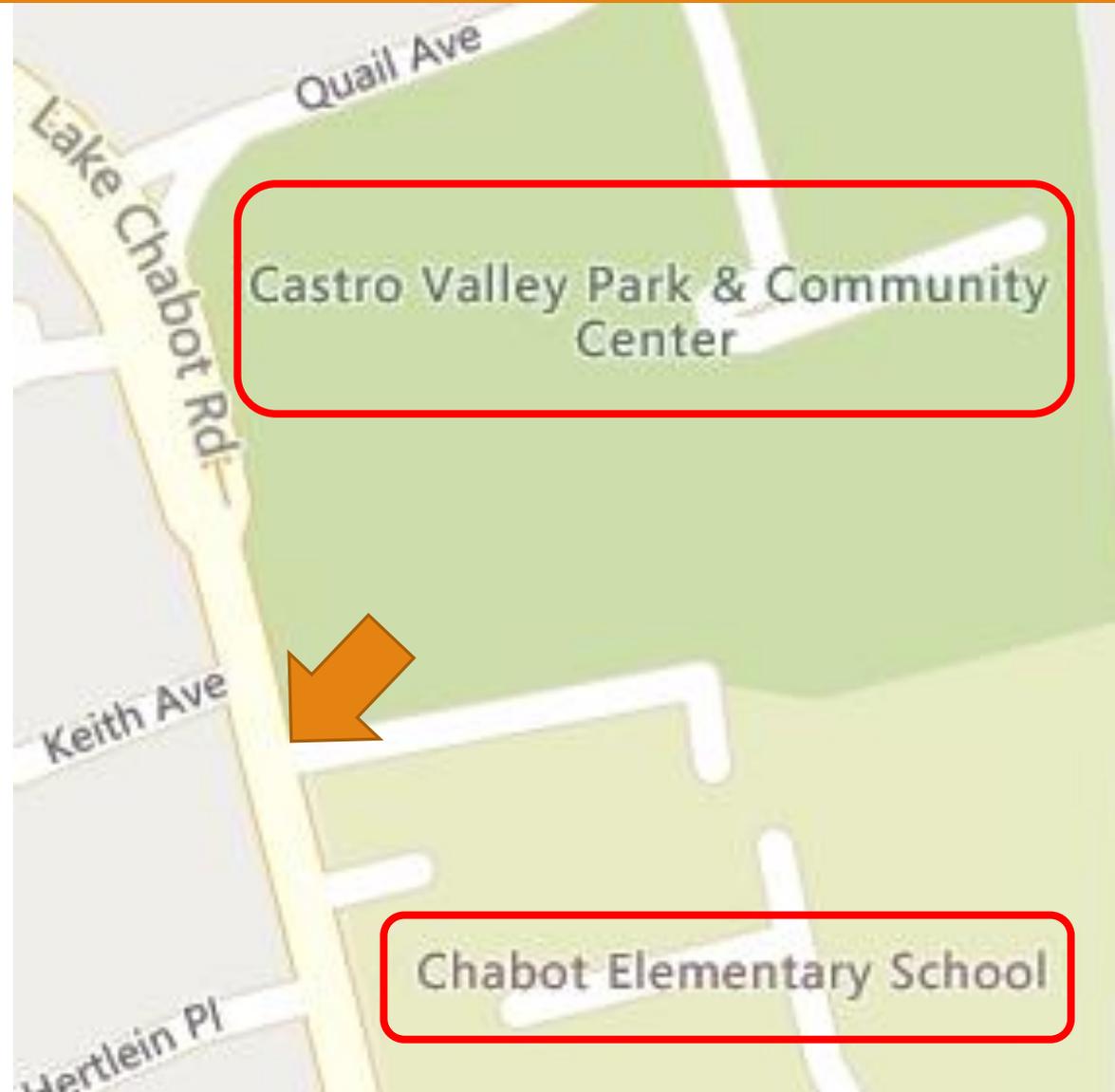
Pedestrian Hybrid Beacons (HAWK)

- Locations Characteristics:
 - Uncontrolled crossings
 - Pedestrian generators nearby
 - Multi-lane arterial roads



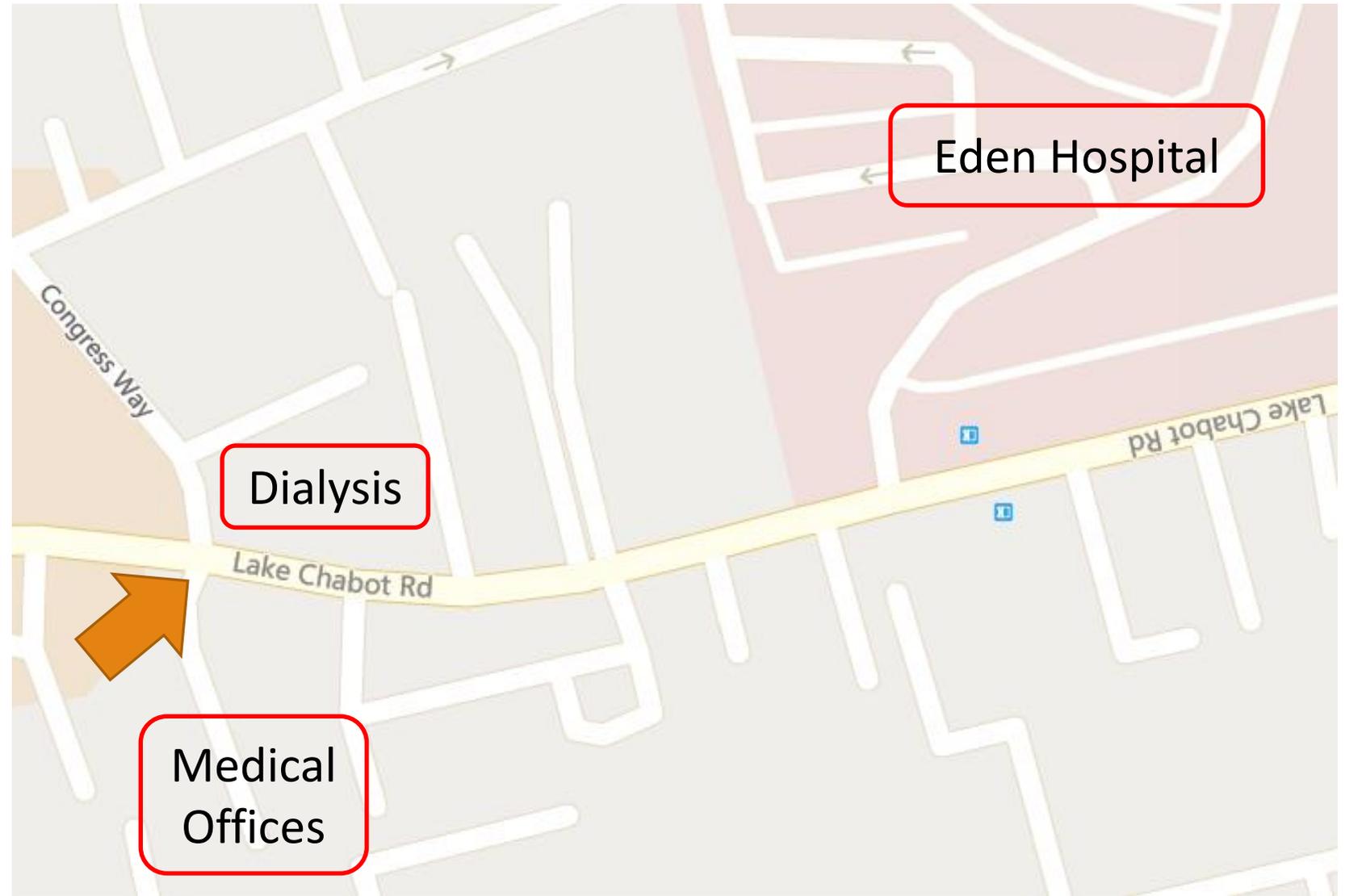
Pedestrian
Hybrid Beacon

Lake Chabot
Rd / Keith
Ave



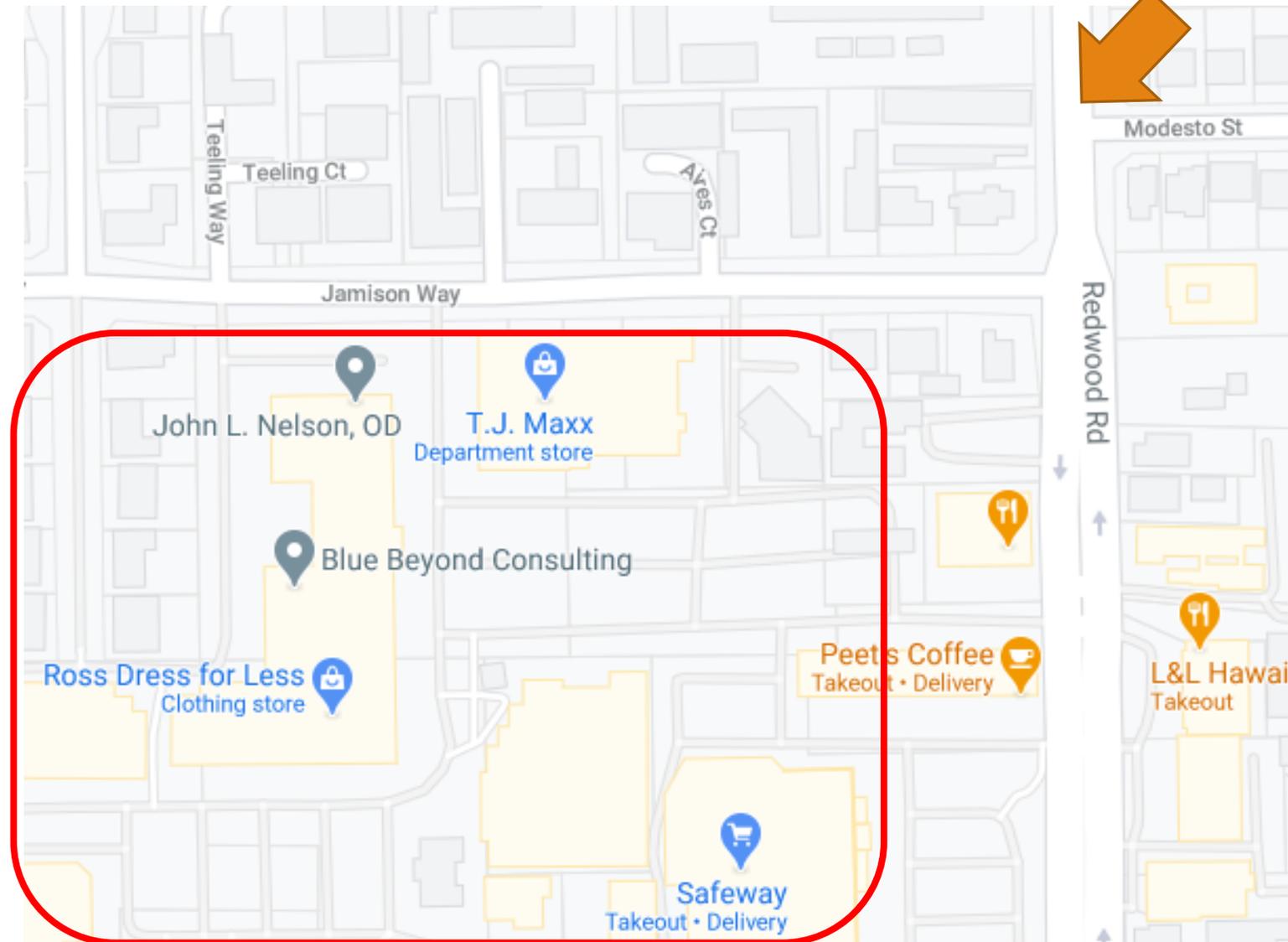
Pedestrian
Hybrid Beacon

Lake Chabot
Rd /
Congress
Way



Pedestrian
Hybrid Beacon

Redwood Rd
/ Modesto St



HSIP Application

Pedestrian Hybrid Beacons (HAWK)

1. Lake Chabot Rd / Keith Ave
2. Lake Chabot Rd / Congress Way
3. Redwood Rd / Modesto St



Status of Applications

- Nov 2020 - applications submitted
- May 2021 - Caltrans to announce project selection
- If approved, design phase in 2021 – 2022
- Construction in 2023 - 2024

Summary

- ❑ HSIP Cycle 10 call-for-project announced in May 2020
- ❑ ACPWA HSIP Applications for Pedestrian Safety:
 - Rectangular Rapid Flashing Beacons (RRFB)
 - Pedestrian Hybrid Beacons (HAWK)
- ❑ Improve pedestrian safety at uncontrolled crossing locations on arterial roads
- ❑ Total funds requested: \$1,070,500.00
- ❑ Project selection announcement in May 2021

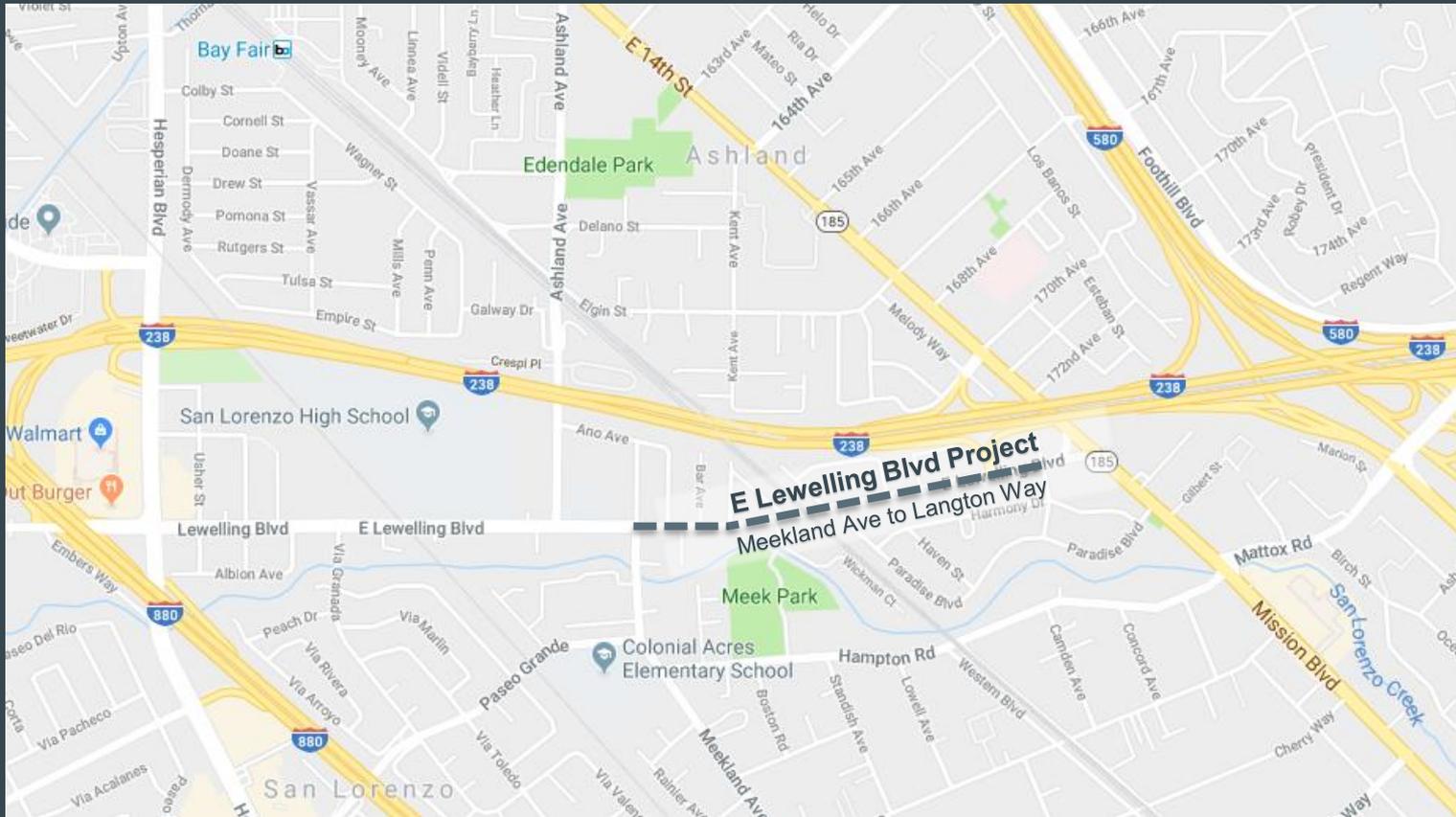
E. Lewelling Blvd Improvements from Meekland Ave to Langton Way



Unincorporated Alameda County Bicycle & Pedestrian Advisory Committee

December 17, 2020

Amber Lo, P.E.
Supervising Civil Engineer



Project Location

Project Features

- Class IV Bike Lane
- New Sidewalk
- Pavement Repair
- Street Crossing Improvements
- Storm Drainage Improvements
- Traffic Calming



Aerial view of E. Lewelling Blvd., looking east

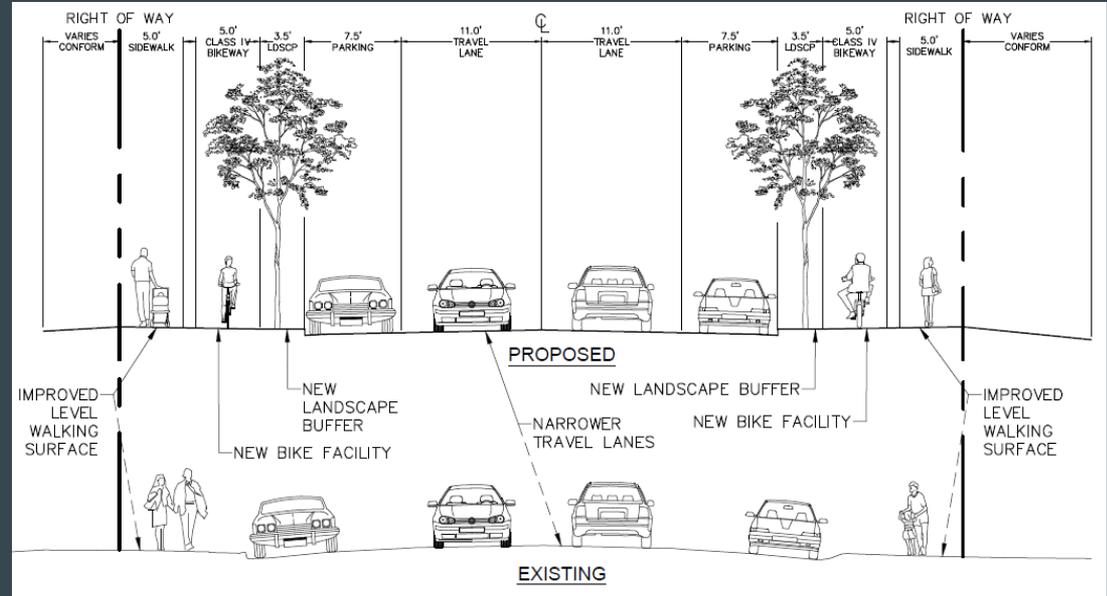
Existing Conditions

- Poor sidewalk condition with gaps
- No bike facility
- Lack of standard parking and driveways
- Ponding water at some locations
- Poor pavement condition
- No walkway across railroad



Bicyclist-Friendly Improvements

- Class IV Bike Lane
- Bicycle & Pedestrian Master Plan – Class II
- Provide connection existing or future bike facilities in network
- “Interested but concerned” bicyclists
 - Curious about bicycling
 - Would like to ride more but are afraid to
 - Would ride if they felt safer



Pedestrian-Friendly Improvements

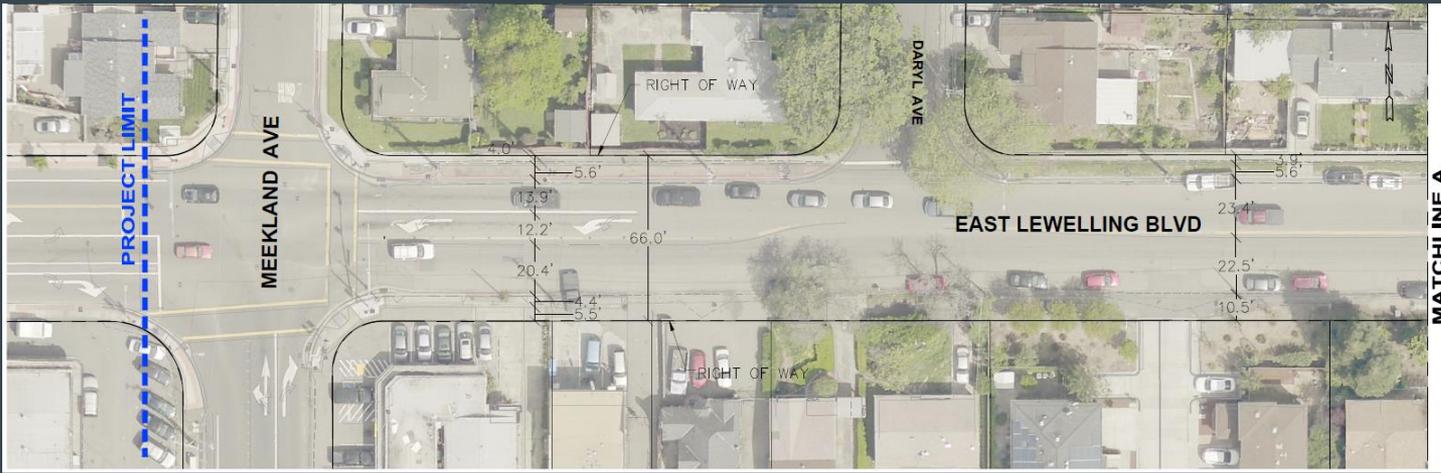
- Meekland Ave. to Langton Way
- 2019 Bike Ped Master Plan high priority sidewalk project
- Connection to future sidewalk and streetscape improvement projects
- Improve safety and walkability
 - Eliminate parking in pedestrian paths
 - Standardize driveway access
 - Install walkway across the railroad tracks



Where are we at right now?

- Design 50% Complete
- Funding application submitted for ATP grant
- Complete design end of 2021



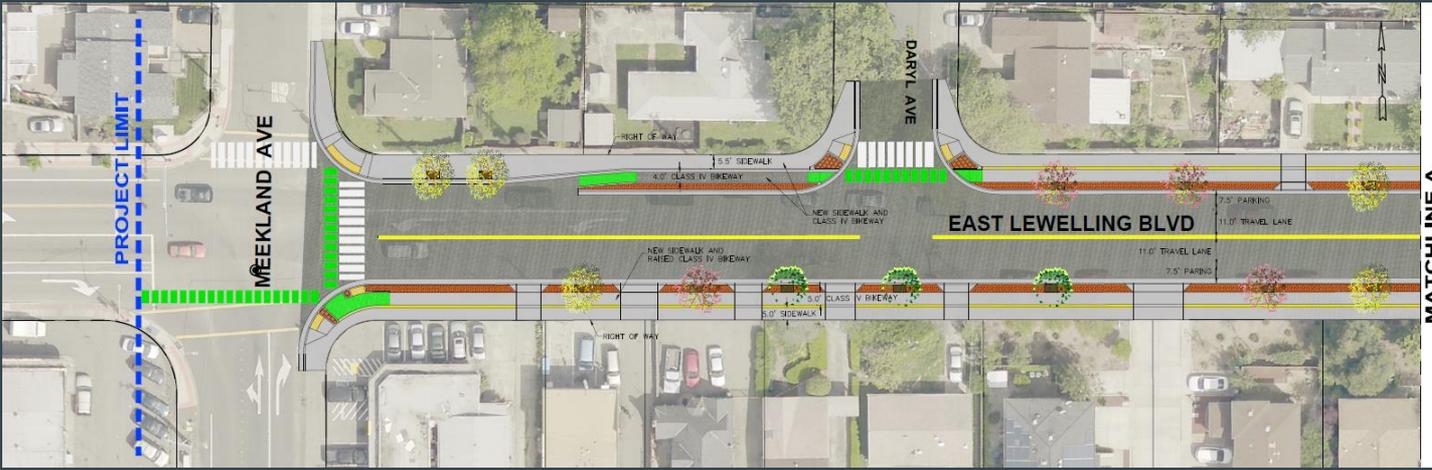


MATCHLINE A



MATCHLINE B

Existing



Proposed

MATCHLINE B



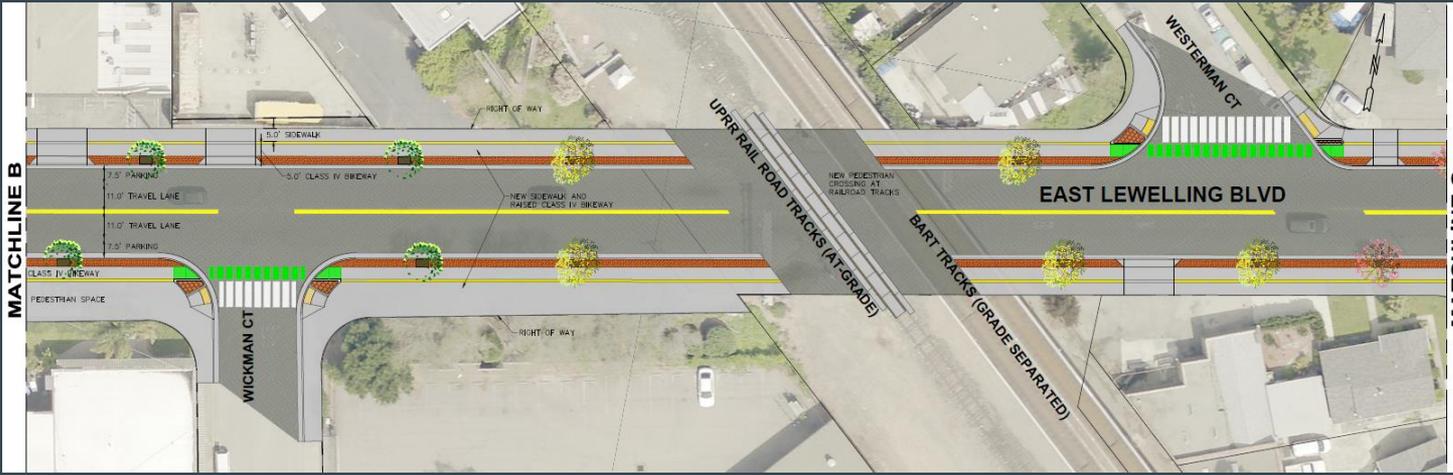
MATCHLINE C



MATCHLINE C

MATCHLINE D

Existing



Proposed



Existing



Proposed

Questions/Feedback



Project Contact Information

Amber Lo, P.E.
Supervising Civil Engineer
Engineering Department
amber@acpwa.org
(510) 670-5485

info@acpwa.org

<https://www.acpwa.org/projects/2021/East-Lewelling/East-Lewelling-Blvd.page?>

