



City of East Palo Alto

East Bayshore Pedestrian and Cyclist Safety Improvements Project

Menalto Avenue to Euclid Avenue



Community Outreach Workshop

May 29th, 2024

Start Time 5:30 PM -7:00 PM



Employee-Owned

PROJECT OUTLINE



1. Project Background & Goals
2. Existing Conditions
3. Proposed Improvements
4. Next Steps

1) Project Background & Goals

PROJECT BACKGROUND & GOALS



PROJECT LOCATION

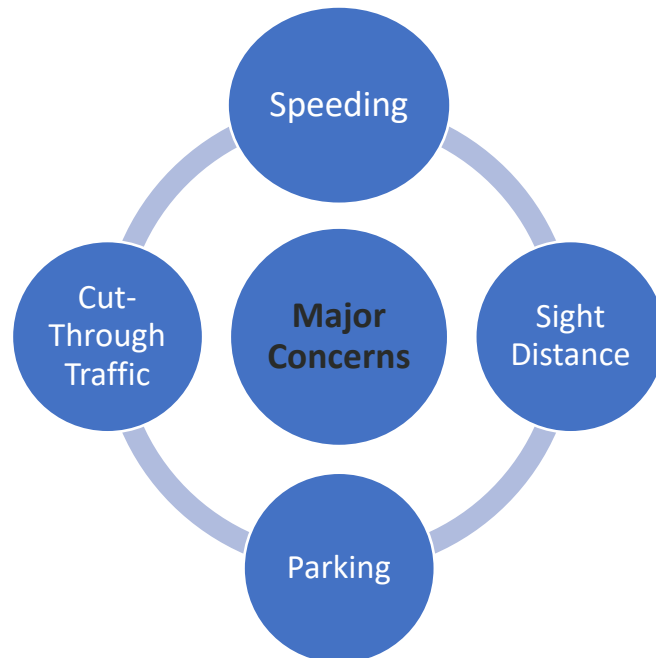


PROJECT BACKGROUND & GOALS



PROJECT BACKGROUND

- E Bayshore is a major connector street
- Traffic Calming to slow speed and provide safe & convenient pedestrian access is a Key Priority to the City
- There have been **Two Pedestrian Fatalities** in project limits within recent years



PROJECT GOALS

- Improve bicycle and pedestrian **SAFETY** and **ACCESSIBILITY**
- Build pedestrian **CONNECTIVITY** to **LOCAL BUSINESSES** and **RESIDENTIAL AREAS**
- Enhance **TRAFFIC CALMING** measures to eliminate traffic accidents

PROJECT BACKGROUND & GOALS

2035 General Plan:

- E Bayshore Road is a City Council Priority for bicycle and pedestrian improvements
- **Goal T-3:** *Create a complete, safe, and comfortable pedestrian network for people of all ages and abilities*
- **Goal T-4:** *Build a comprehensive and well-used bicycle network that comfortably accommodates bicyclists of all ages and skill levels*

Funding Sources:

- \$400,000 - San Mateo County Transportation Authority (SMCTA) Measure A/W
- \$625,000 - Metropolitan Transportation Commission – Lifeline Transportation Program (MTC's LTP)

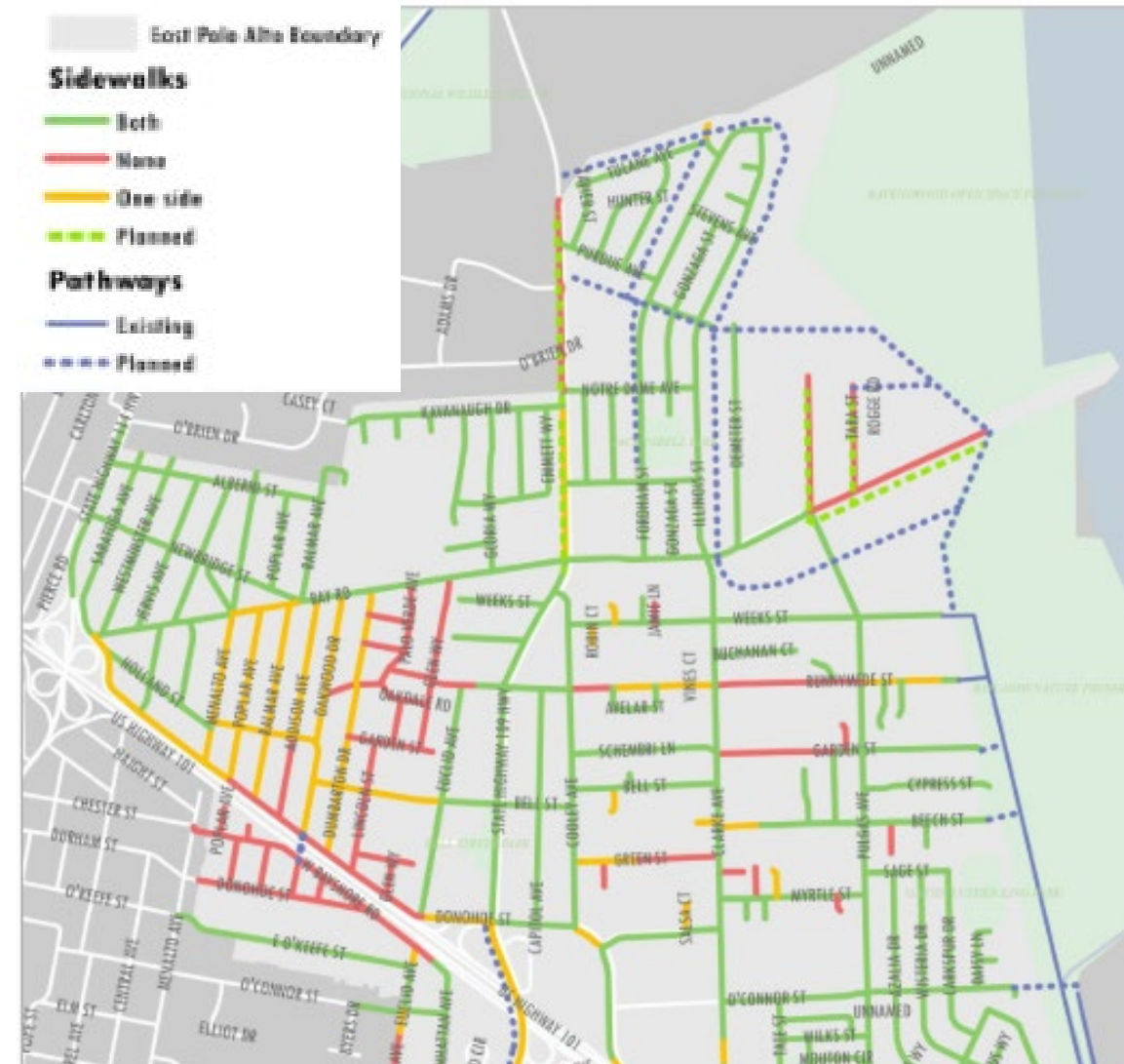
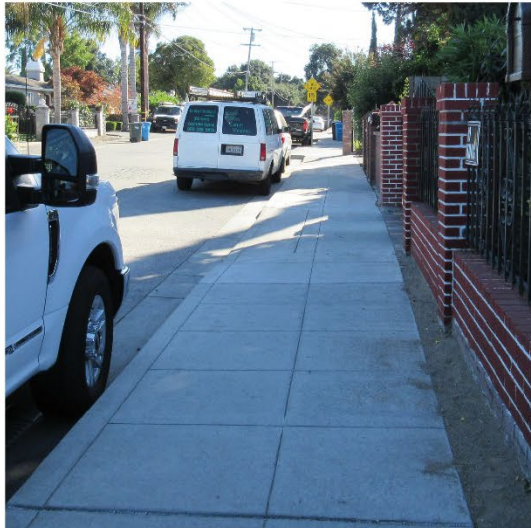


Image source: 2035 East Palo Alto General Plan, Chapter 6: Transportation, Figure 6-6

TOOL-KIT: TRAFFIC IMPROVEMENTS



CONTINUOUS SIDEWALK



ADA CURB RAMP



BIKE ROUTE SIGNAGE



BIKE SHARROW

PROVIDE SAFE PASSAGE



SLOW TRAFFIC



SHARE THE ROAD

2) Existing Conditions

EXISTING CONDITIONS

East Bayshore Road:

- No Sidewalks and Streetlights along majority of segment
- No ADA compliant curb ramps at intersections
- Common for cars to cut-through East Bayshore to avoid peak hour US 101 traffic (2020 EPA Mobility Study)
- Residents use shoulder as parking spots in NW bound direction



EXISTING CONDITIONS

Local Businesses:

- East Palo Alto will be working within City Right-of-Way
- City will reach out to businesses individually that are affected by these changes

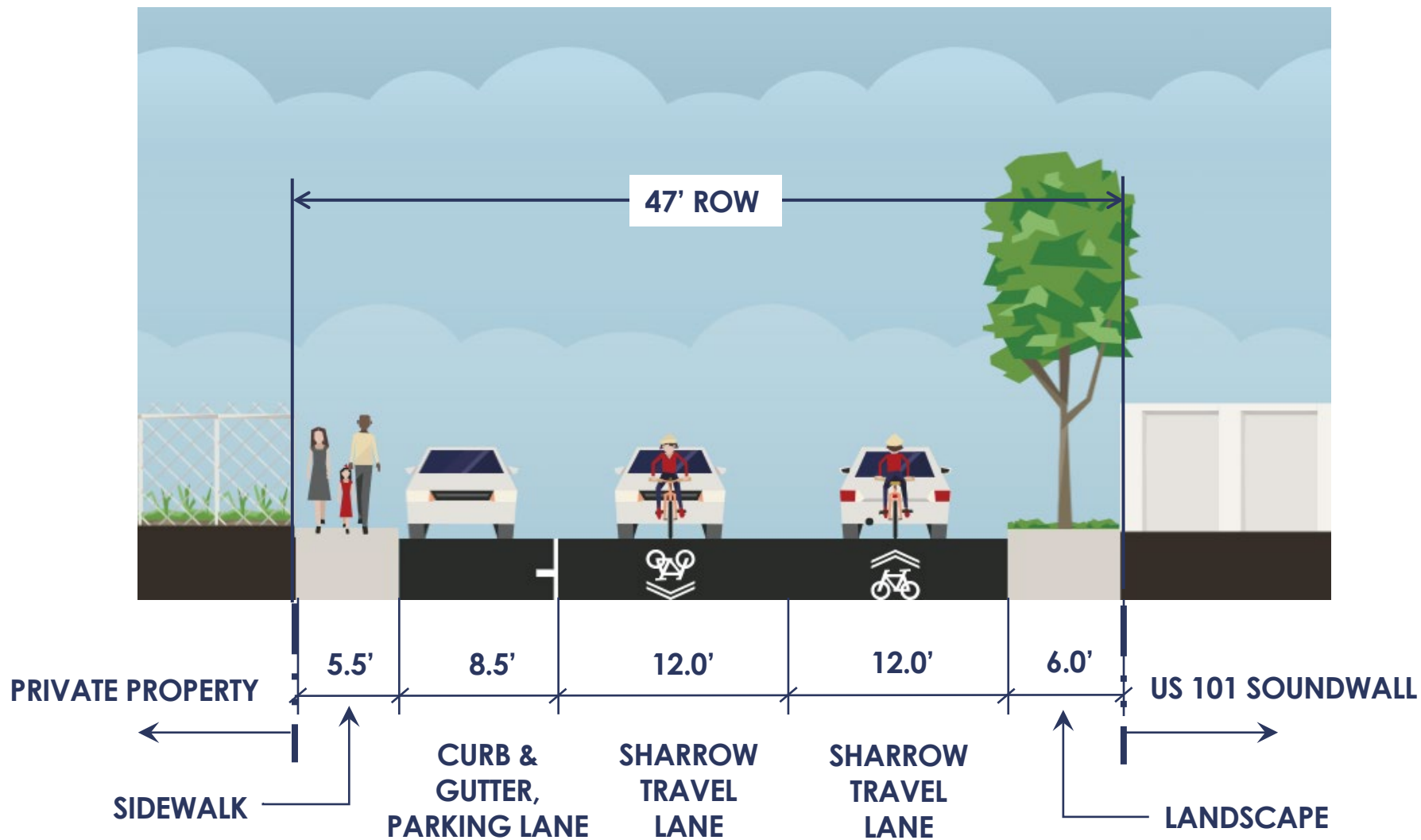


3) Proposed Improvements



Employee-Owned

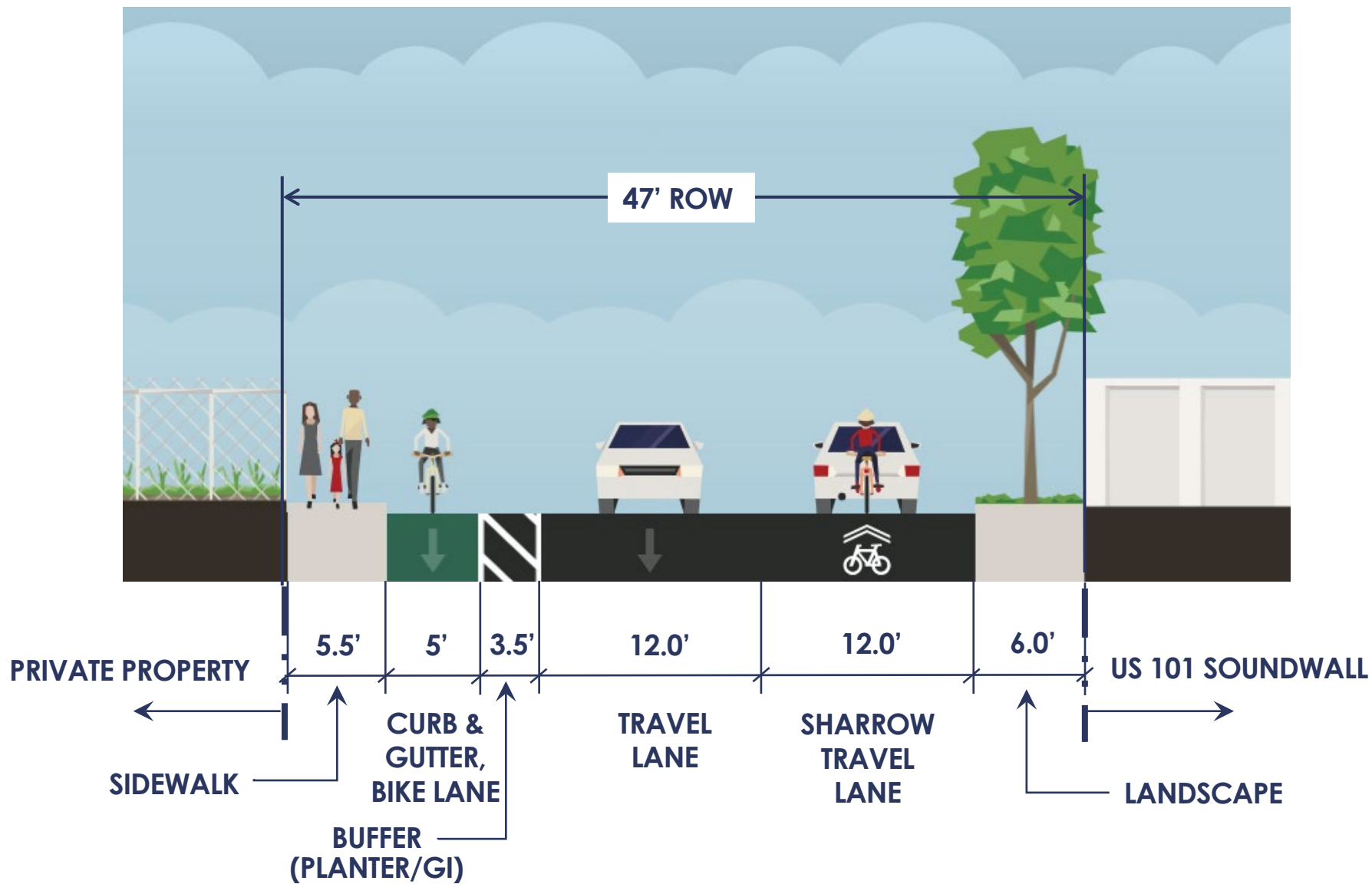
SHARROW OPTION





Employee-Owned

BIKE LANE OPTION





Employee-Owned

PRELIMINARY DESIGN

LEGEND:

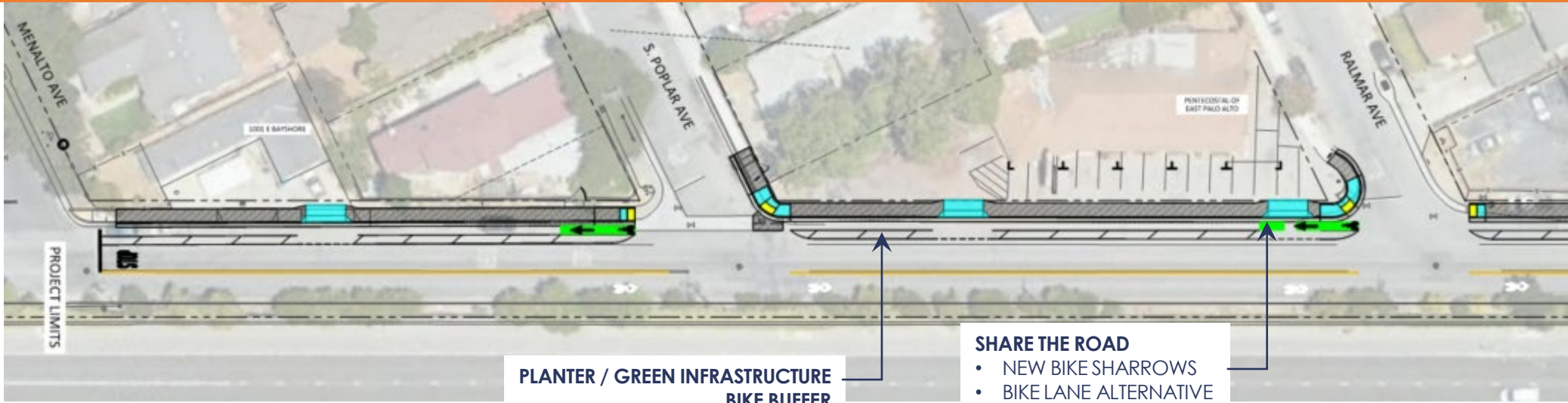
- 3" SUB-DRAIN PIPE PER SMC COUNTY STD DETAIL
- NEW ADA CURB RAMP
- NEW DRIVEWAY OPENING
- PCC SIDEWALK AND CURB AND GUTTER
- SHARROW MARKING
- GREEN BIKE LANE MARKING
- RIGHT OF WAY LINE

- PARKING ADJUSTMENTS**
- ONE WAY PARALLEL PARKING CONCEPT
 - EXISTING SIGN TO BE RELOCATED

- PROVIDE SAFE PASSAGE**
- NEW SIDEWALK, CURB & GUTTER, AND DRIVEWAYS
 - ADA COMPLIANT CURB RAMP



SHARROW OPTION



BIKE LANE OPTION



Employee-Owned

PRELIMINARY DESIGN

LEGEND:

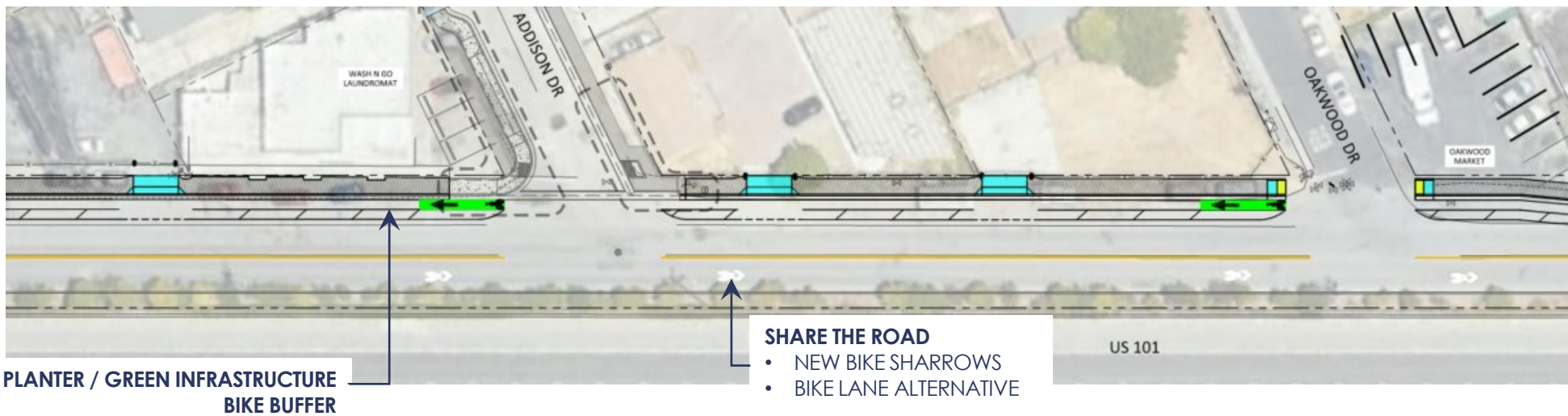
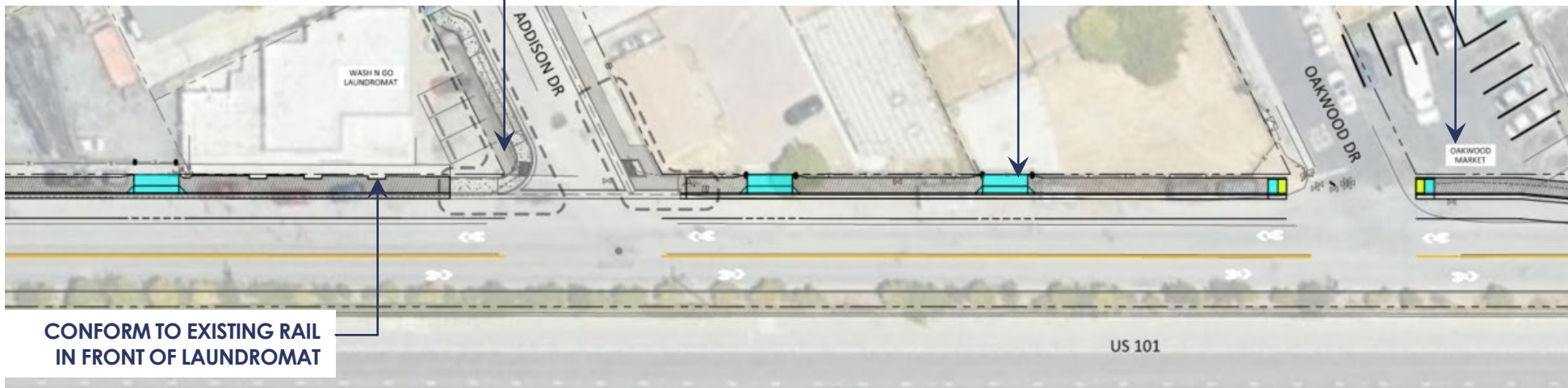
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PROVIDE SAFE PASSAGE

- NEW SIDEWALK, CURB & GUTTER, AND DRIVEWAYS
- ADA COMPLIANT CURB RAMPS

PARKING STALLS TO BE ADJUSTED TO MAKE ROOM FOR NEW SIDEWALK IN CITY RIGHT OF WAY

CONFORM TO ADDISON ST. PROJECT IMPROVEMENTS



SHARROW OPTION

BIKE LANE OPTION



Employee-Owned

PRELIMINARY DESIGN

LEGEND:

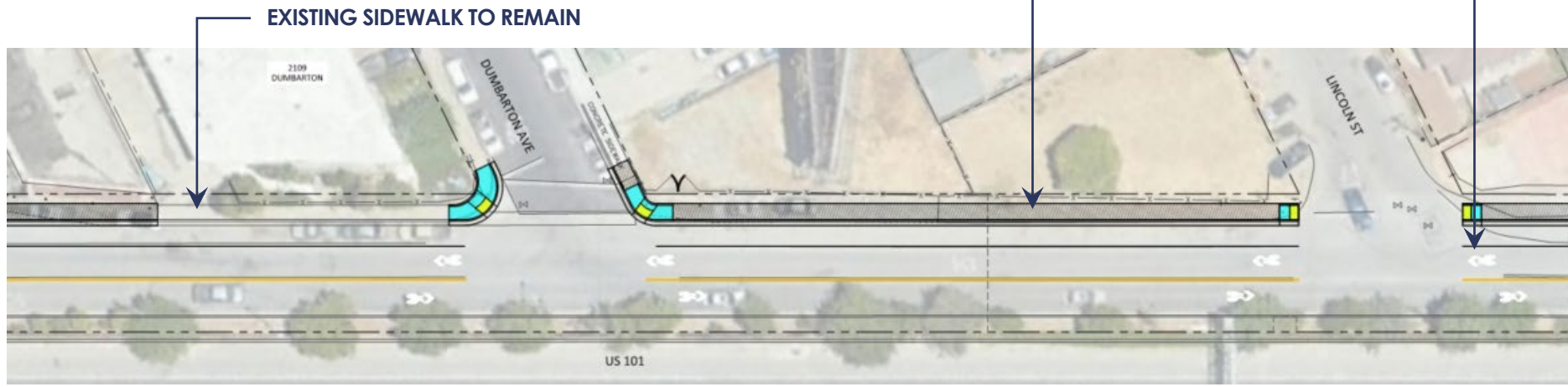
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PROVIDE SAFE PASSAGE

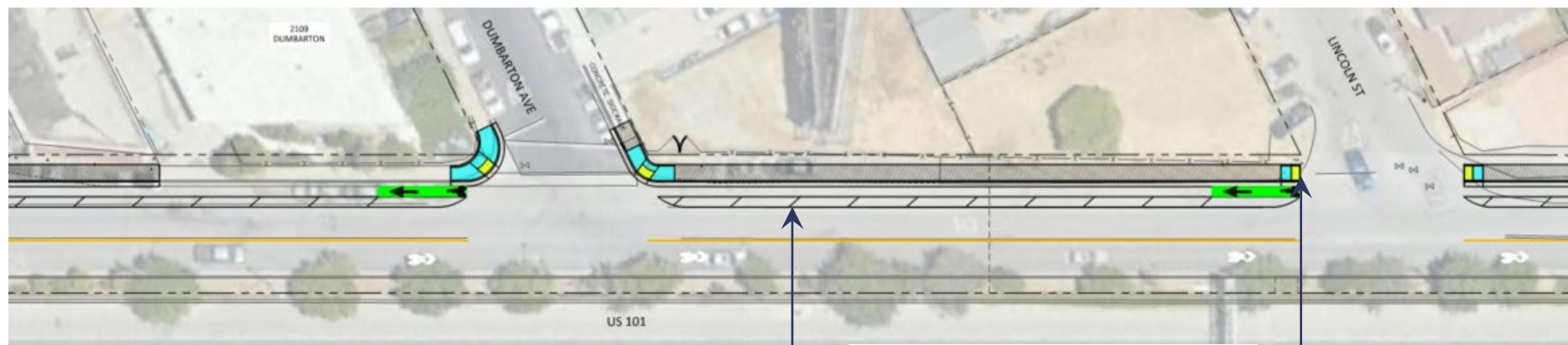
- NEW SIDEWALK, CURB & GUTTER, AND DRIVEWAYS
- ADA COMPLIANT CURB RAMP

SHARE THE ROAD

- NEW BIKE SHARROWS
- BIKE LANE ALTERNATIVE



SHARROW OPTION



PLANTER / GREEN INFRASTRUCTURE BIKE BUFFER

FIRE HYDRANT TO BE RELOCATED ON PROPOSED CURB RAMP

BIKE LANE OPTION



Employee-Owned

PRELIMINARY DESIGN

LEGEND:

- 3" SUB-DRAIN PIPE PER SMC COUNTY STD DETAIL
- NEW ADA CURB RAMP
- NEW DRIVEWAY OPENING
- PCC SIDEWALK AND CURB AND GUTTER
- SHARROW MARKING
- GREEN BIKE LANE MARKING
- RIGHT OF WAY LINE

PROVIDE SAFE PASSAGE

- NEW SIDEWALK, CURB & GUTTER, AND DRIVEWAYS
- ADA COMPLIANT CURB RAMPS

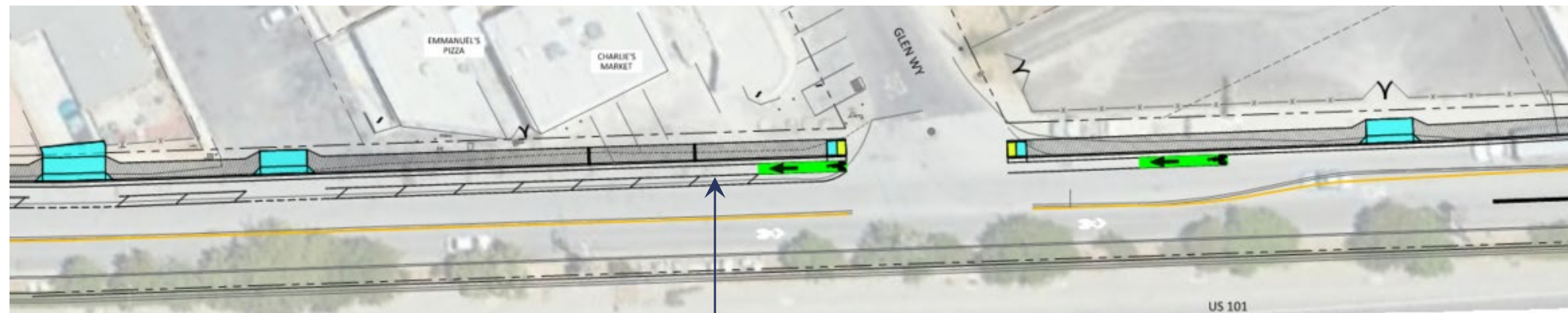
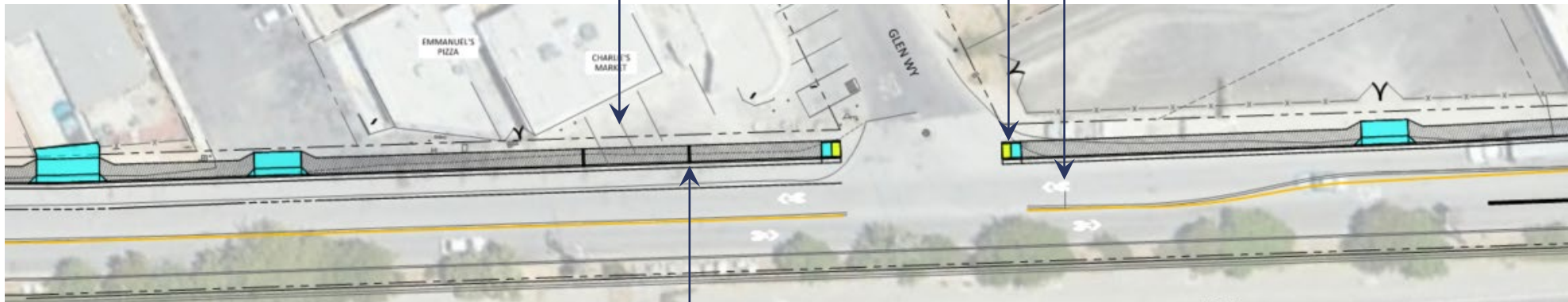
SHARE THE ROAD

- NEW BIKE SHARROWS
- BIKE LANE ALTERNATIVE

EXISTING PARKING SPOTS TO BE REMOVED

IMPROVE DRAINAGE

- NEW INLET AND STORM DRAIN SYSTEM



PLANTER / GREEN INFRASTRUCTURE BIKE BUFFER



SHARROW OPTION








BIKE LANE OPTION

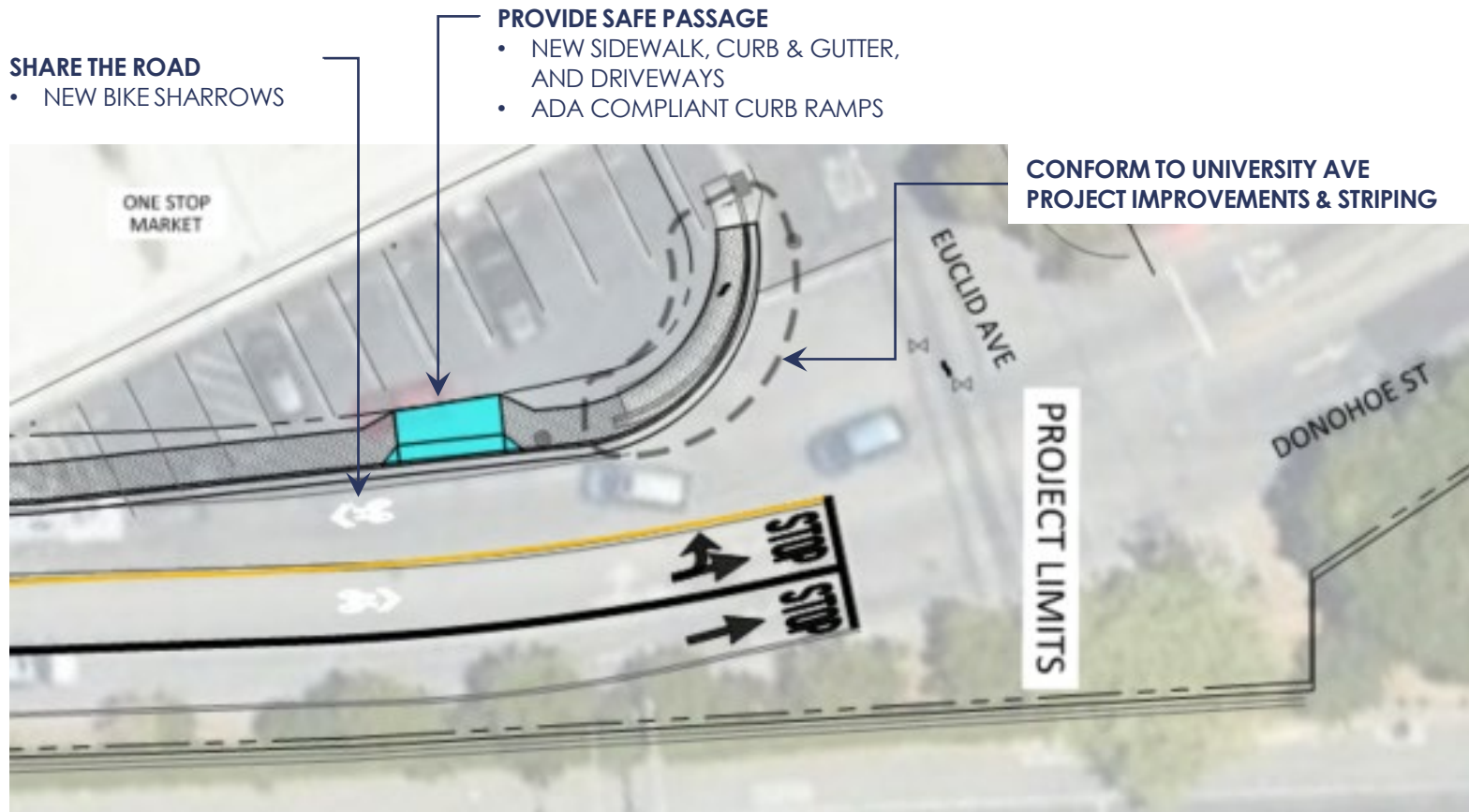


Employee-Owned

PRELIMINARY DESIGN

LEGEND:

-  3" SUB-DRAIN PIPE PER SMC COUNTY STD DETAIL
-  NEW ADA CURB RAMP
-  NEW DRIVEWAY OPENING
-  PCC SIDEWALK AND CURB AND GUTTER
-  SHARROW MARKING
-  GREEN BIKE LANE MARKING
-  RIGHT OF WAY LINE



4) Next Steps

NEXT STEPS



SUMMER, 2024

- REFINE CONCEPTS PER PUBLIC INPUT

FALL/WINTER, 2024

- PRESENT DESIGN TO CITY COUNCIL
- PREPARE CONSTRUCTION DOCUMENTS

SPRING/SUMMER, 2025

- AWARD A CONSTRUCTION CONTRACT
- CONSTRUCTION

THANK YOU! ANY QUESTIONS?

CONTACT



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Batool Zaro, City of East Palo Alto
Senior Engineer

DESIGN TEAM



Employee-Owned

Michael Fisher, Husam Aburabi, and Jay Gonzales
CSG Consultants, Inc. • Engineering Design

Additional Slides

GREEN INFRASTRUCTURE

- USES NATURAL PROCESSES TO TREAT AND MANAGE STORMWATER RUNOFF
 - IMPROVED WATER QUALITY
 - TRAFFIC CALMING
 - REDUCTION OF FLOODING
 - CLIMATE CHANGE RESILIENCE
 - NEIGHBORHOOD GREENING
- GREEN INFRASTRUCTURE IS FEASIBLE IF CLASS II BIKE LANE OPTION IS SELECTED



Image source: The Urbanist, Pike Street Planter Bike Lane, Seattle, WA

TOOL-KIT: DRAINAGE / GREEN INFRASTRUCTURE



NEW DRAINAGE INLETS



ELIMINATE PONDING



STORMWATER PLANTER



NEW CURB & GUTTER

REDUCE & SLOW RUNOFF • FILTER POLLUTANTS • IMPROVE DRAINAGE



Employee-Owned

1001 E BAYSHORE

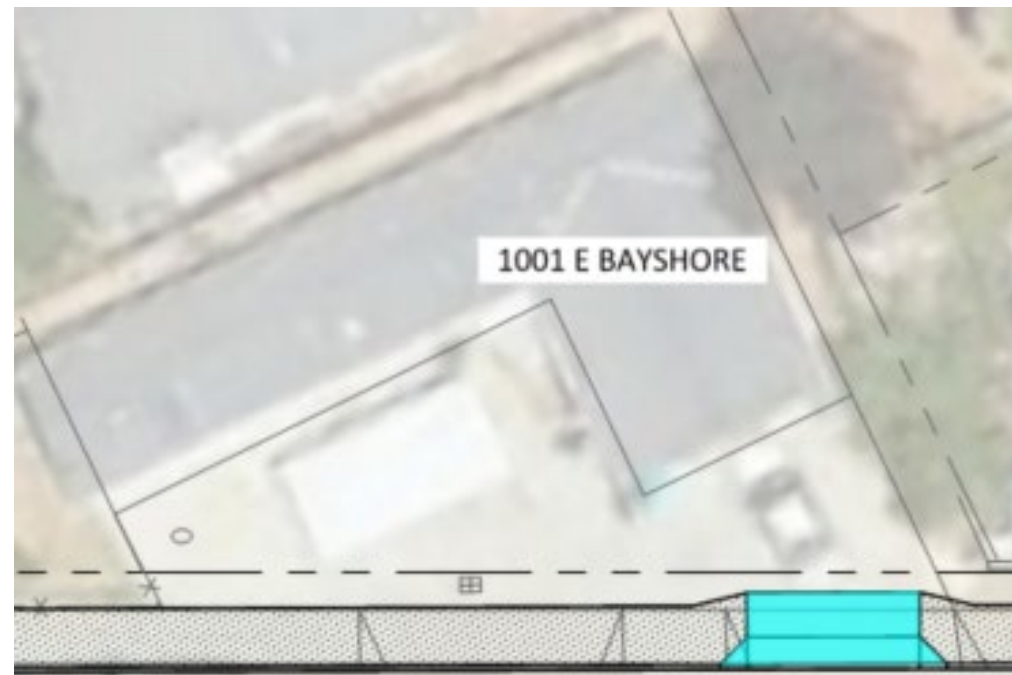


EXISTING CONDITIONS

- EXISTING SIDEWALK
- 2 DRIVEWAYS, 1-NON COMPLIANT

PROPOSED DESIGN

- RECONSTRUCT SIDEWALK, DRIVEWAY
- REMOVE NON-COMPLIANT DRIVEWAY





Employee-Owned

PENTECOSTAL
OF EPA

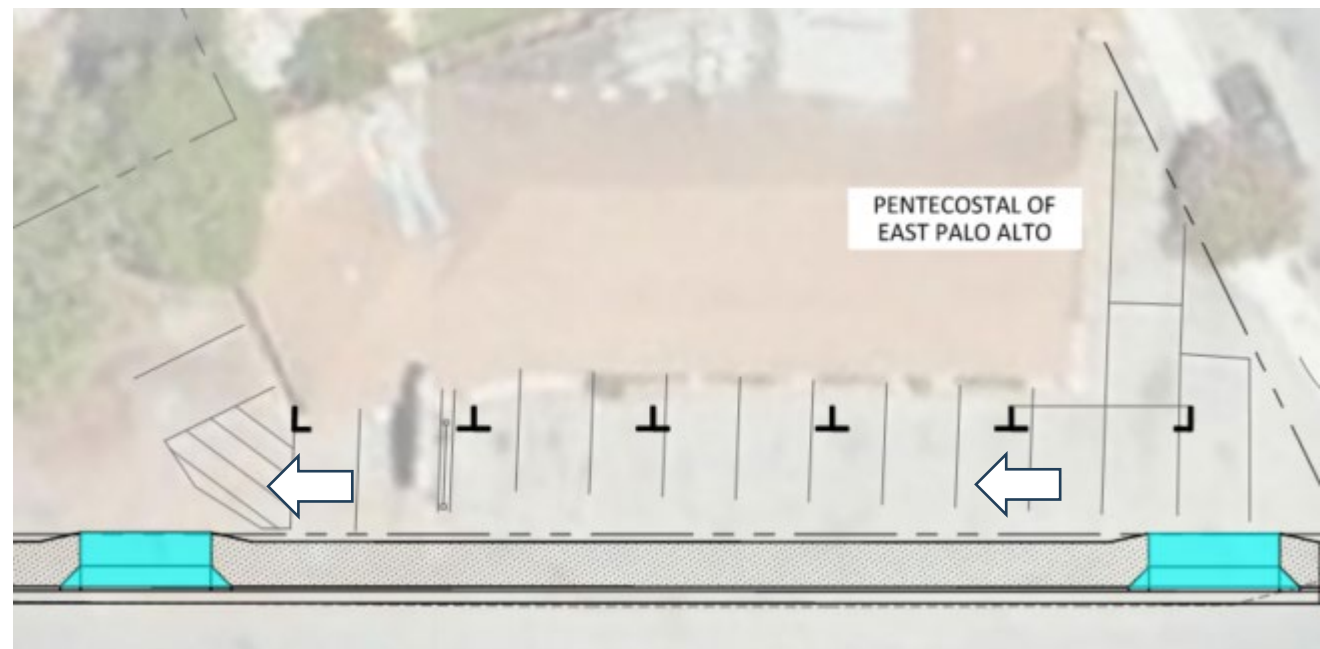


EXISTING CONDITIONS

- NO SIDEWALK
- 13 EXISTING PARKING SPOTS

PROPOSED DESIGN

- ONE WAY PARALLEL PARKING
- 5 PARALLEL SPOTS
- NEW SIDEWALK, DRIVEWAYS
- CHURCH SIGN TO BE RELOCATED





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OAKWOOD MARKET

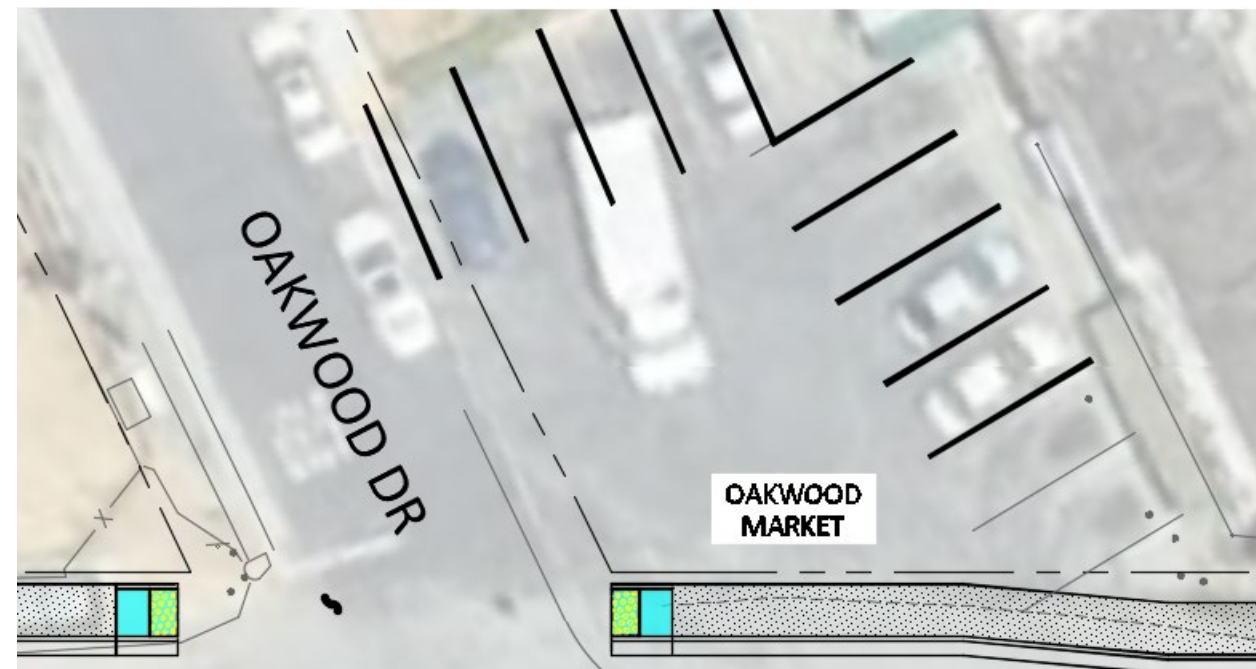


EXISTING CONDITIONS

- NO SIDEWALK
- 11 EXISTING PARKING SPOTS

PROPOSED DESIGN

- NEW SIDEWALK, ADA COMPLIANT CURB RAMPS
- REMOVE 2 EXISTING PARKING SPOTS DUE TO INSUFFICIENT ACCESS CLEARANCE





Employee-Owned

CHARLIE'S MARKET



EXISTING CONDITIONS

- OUT OF BUSINESS?
- NO SIDEWALK
- 3 EXISTING PARKING SPOTS,
1 ADA PARKING SPOT

PROPOSED DESIGN

- NEW SIDEWALK, ADA
COMPLIANT CURB RAMP
- NEW DRAINAGE INLET
- REMOVE EX. PARKING SPOTS
- EX. PARKING ON GLEN WY TO
REMAIN





Employee-Owned

ONE STOP MARKET



EXISTING CONDITIONS

- 11 EXISTING PARKING SPOTS
- SIDEWALK ENDS

PROPOSED DESIGN

- NEW SIDEWALK, DRIVEWAY
- NOT ENOUGH CLEARANCE FOR EXISTING PARKING
- CONFORM TO UNIVERSITY AVENUE PROJECT CURB RAMP & STRIPING

