



Sunnyvale



BPAC Meeting February 20, 2025

**SUNNYVALE CALTRAIN STATION
BICYCLE AND PEDESTRIAN ACCESS STUDY**

Meeting Agenda

- Project Overview and Process
- Existing Condition Findings
- Round 1 Engagement Findings
- Improvement Recommendations
- Next Steps

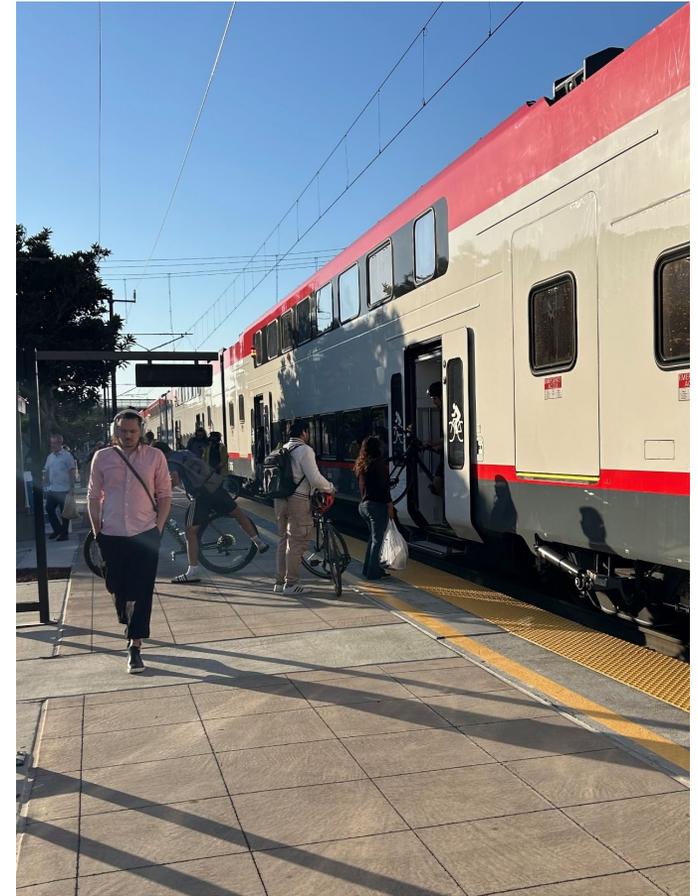
Project Overview and Process

Purpose of the Project

- Identify **access** and **safety improvements** for people **walking** and **biking** to and from Sunnyvale Caltrain Station
- Set up the City to pursue grant funding to design and implement the recommended improvements in City Right-of-Way



Study funded by **Caltrans Sustainable Transportation Planning Grant**



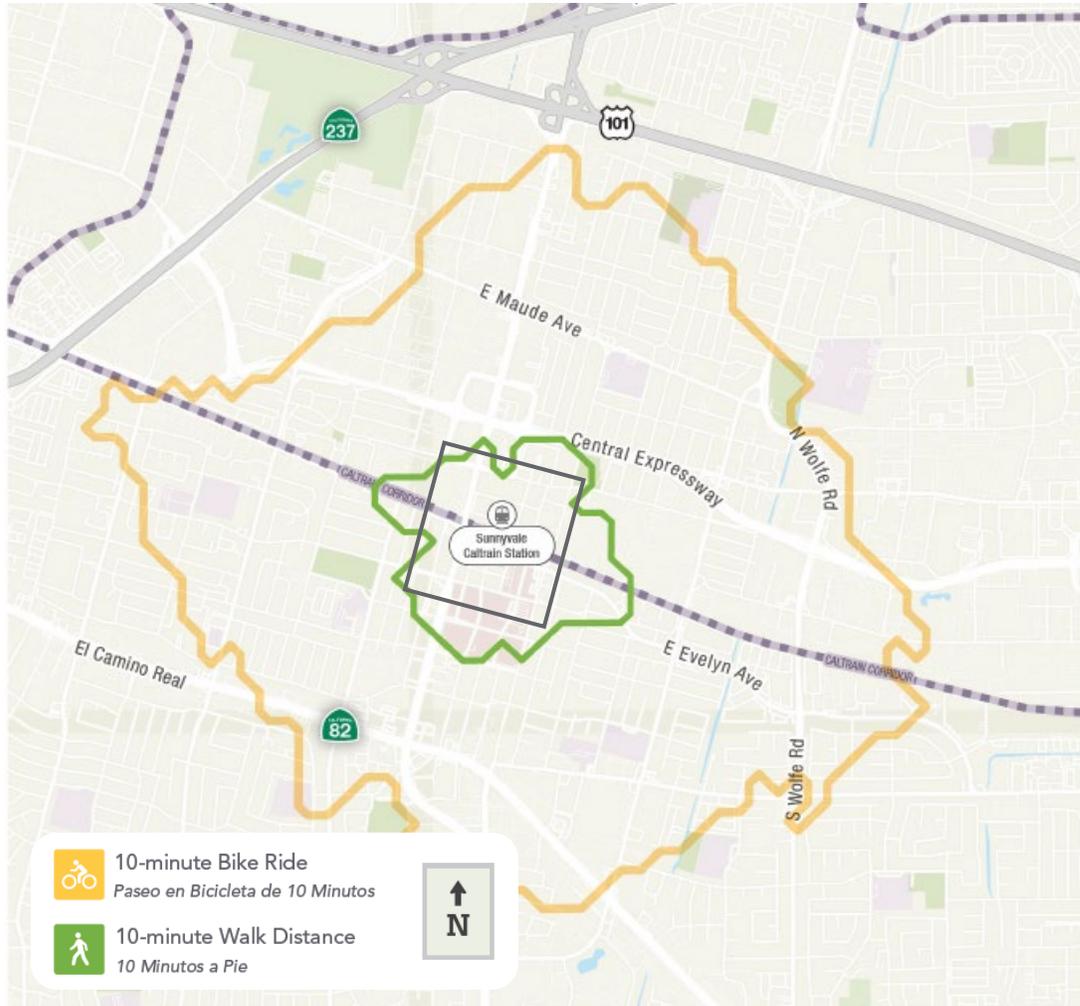
Potential Improvements

- Improve Access for People Walking and Biking
- Enhance Safety for Bicyclists and Pedestrians
- Encourage Sustainable Modes of Transportation
- Reduce Greenhouse Gas Emissions
- Improve Wayfinding Signage
- Incorporate Public Artwork and Green Infrastructure

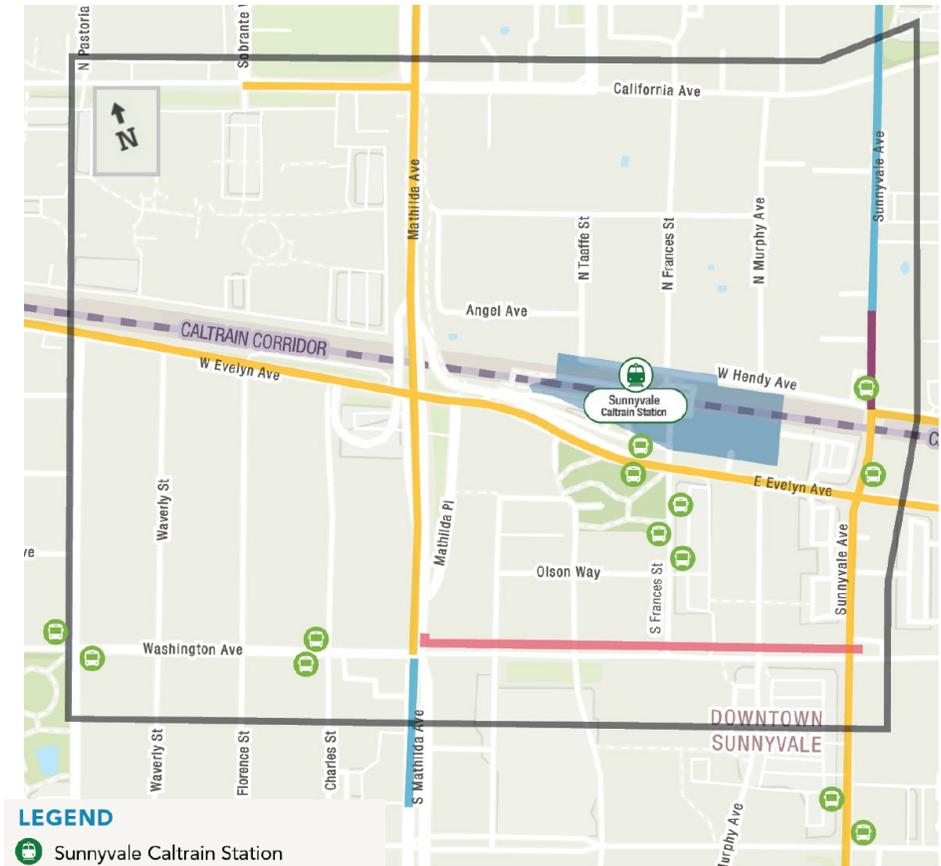


Project Study Area

Walking and Biking Shed Areas



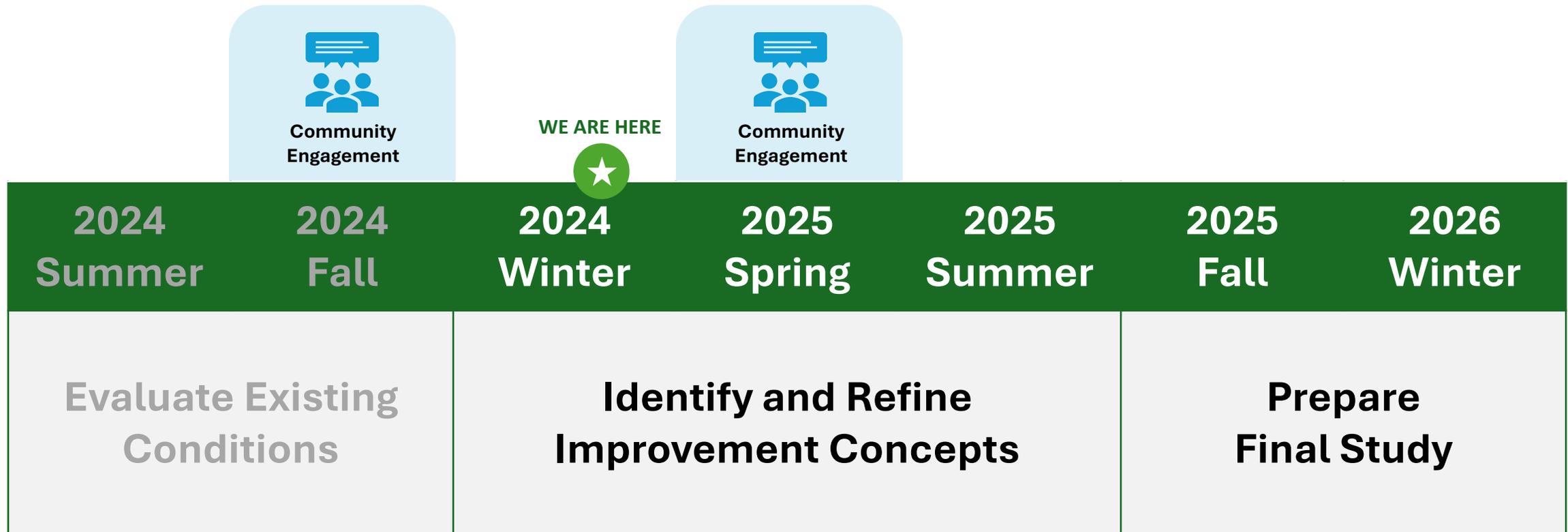
Study Focus Area



LEGEND

- Sunnyvale Caltrain Station
- Bus Stops
- Focus Area
- Class II Bicycle Lane
- Class IIB Buffered Bicycle Lane
- Class III Bicycle Route
- Class IIIB Bicycle Boulevard

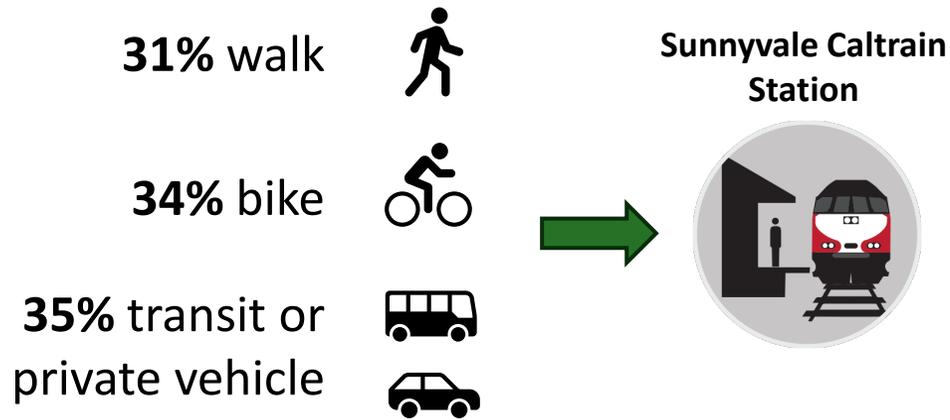
Project Schedule



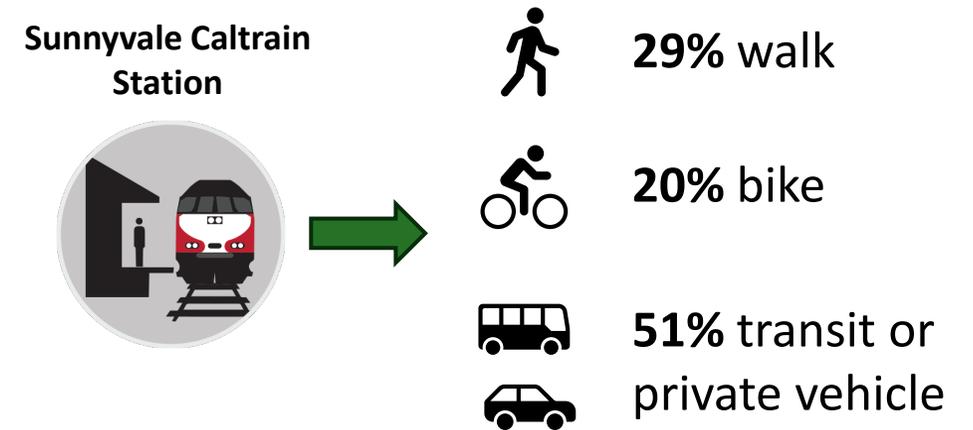
Existing Condition Findings

Sunnyvale Caltrain Station Travel Modes

Traveling To Station



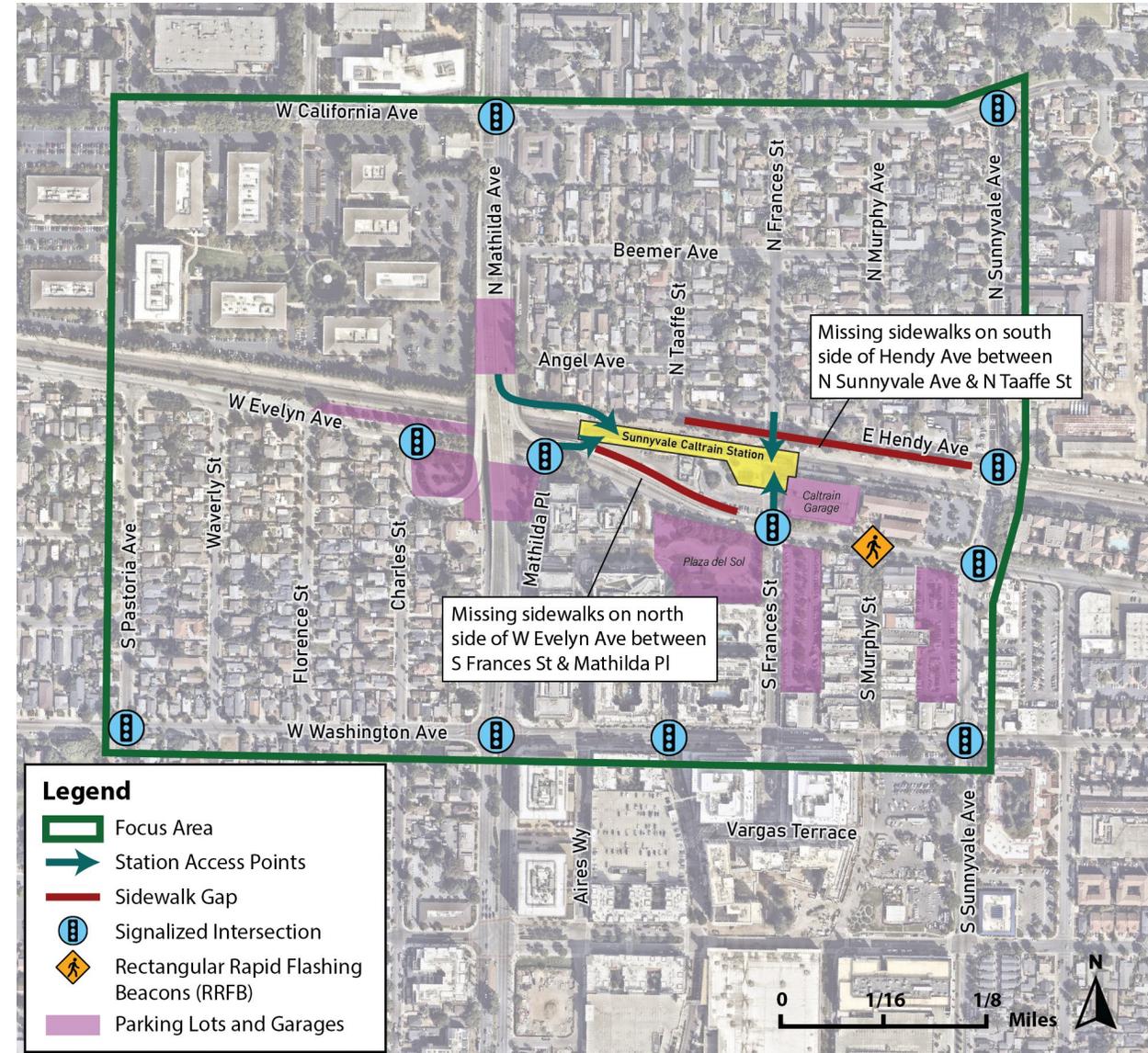
Traveling From Station



Source: Caltrain's 2022 Triennial Customer Survey

Pedestrian Conditions

- Gaps in existing sidewalk network
- Challenges to pedestrian access
 - Faded roadway striping
 - Lack of wayfinding signage
 - Non-ADA compliant or missing curb ramps
 - Unpaved pathways
 - Poles and other obstructions on sidewalks
- Identified pedestrian *desire path* for crossing tracks to access downtown

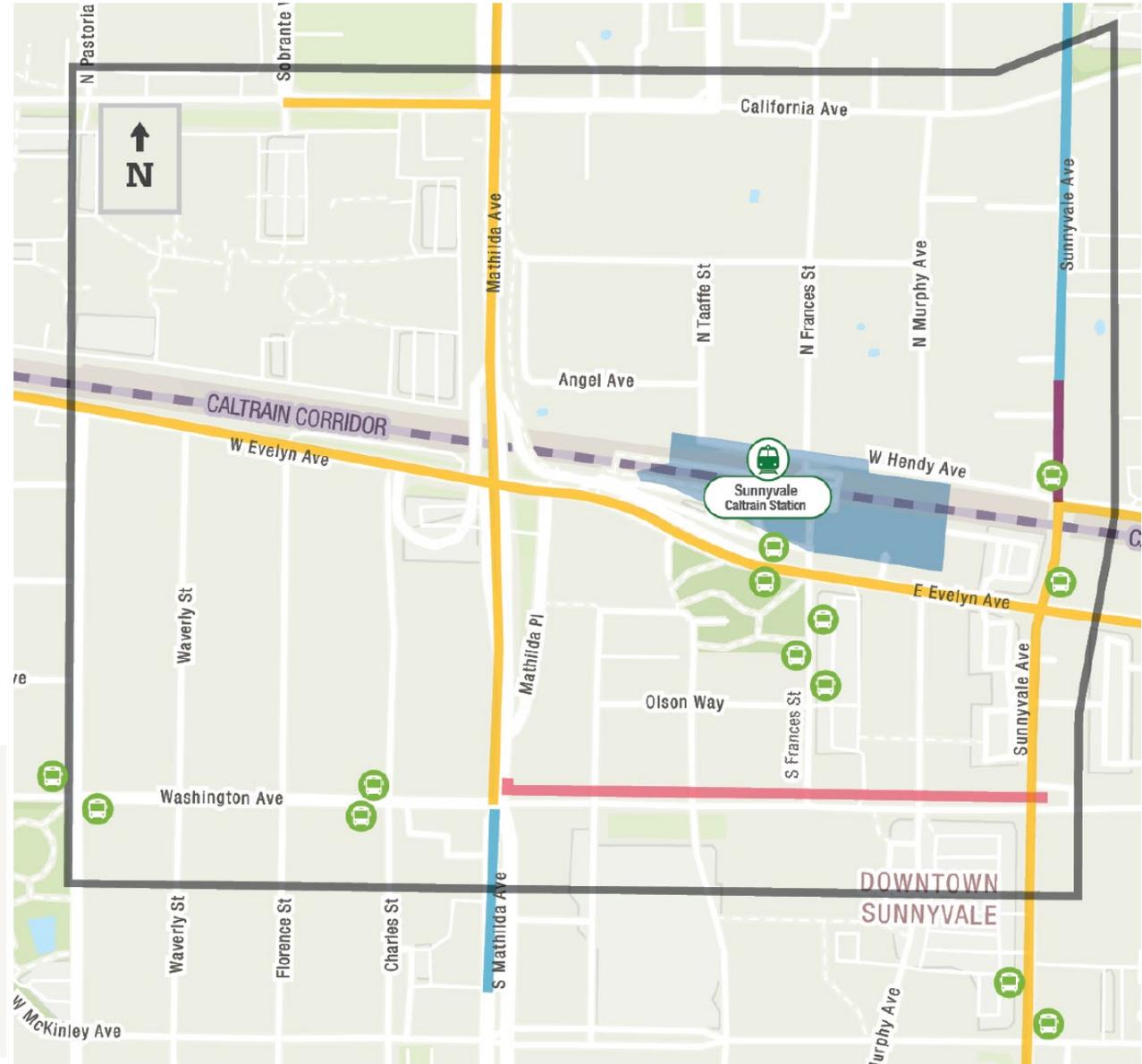


Bicycle Conditions

- Gaps in existing bicycle network
- Bicyclist and auto conflicts
- Missing bicycle ramps
- City planning to construct Class I Multi-Use Path on W. Evelyn Ave. west of Mathilda Pl.

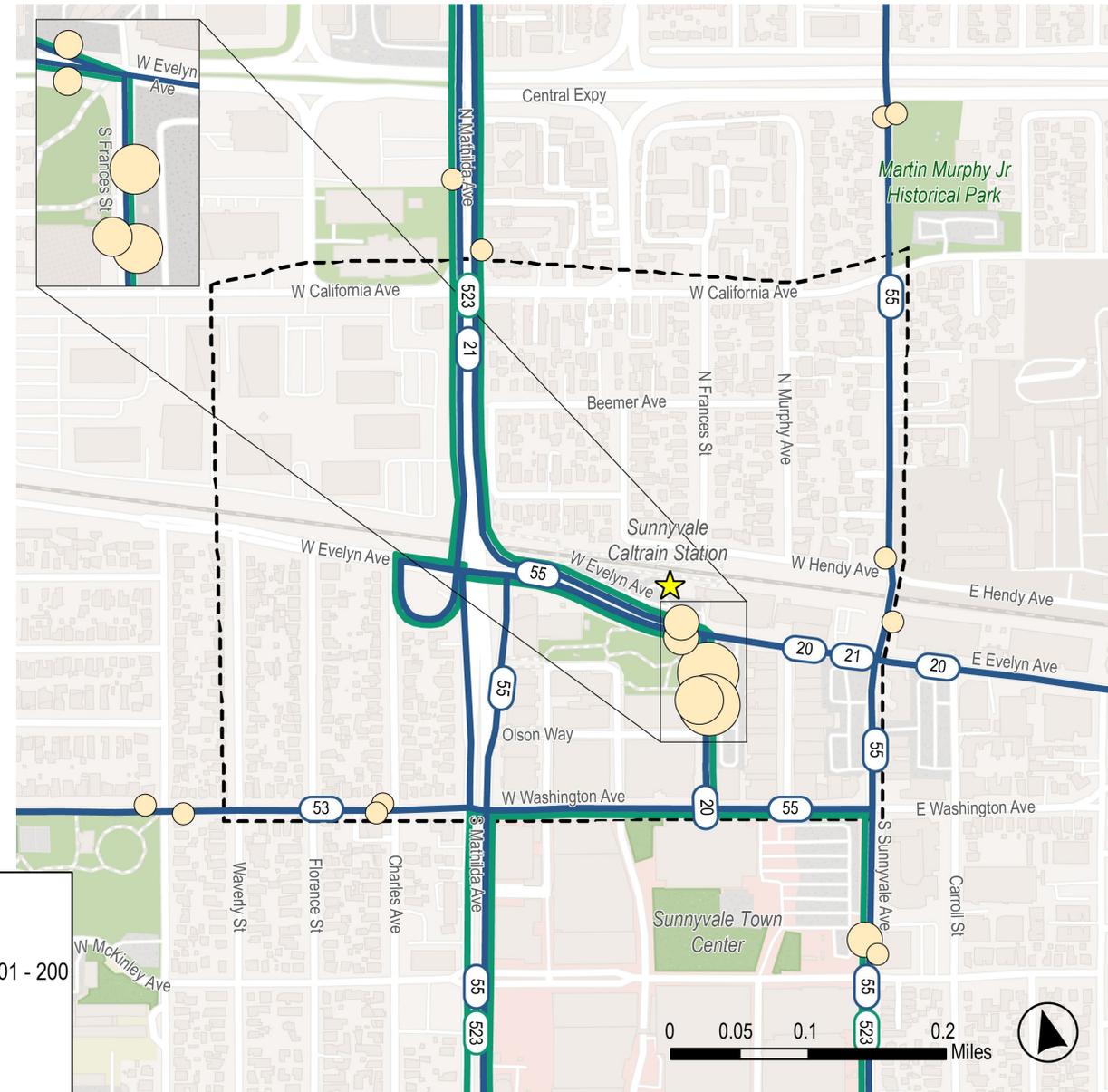
LEGEND

-  Sunnyvale Caltrain Station
-  Bus Stops
-  Focus Area
-  Class II Bicycle Lane
-  Class IIB Buffered Bicycle Lane
-  Class III Bicycle Route
-  Class IIIB Bicycle Boulevard



Transit Conditions

- VTA's bus service around station connects to regional destinations and job centers
 - 5 routes near the station area
 - Nearest bus stops are on Evelyn Ave. and S Frances St.



Legend

Focus Area

Existing VTA Transit Service

- Local
- Rapid

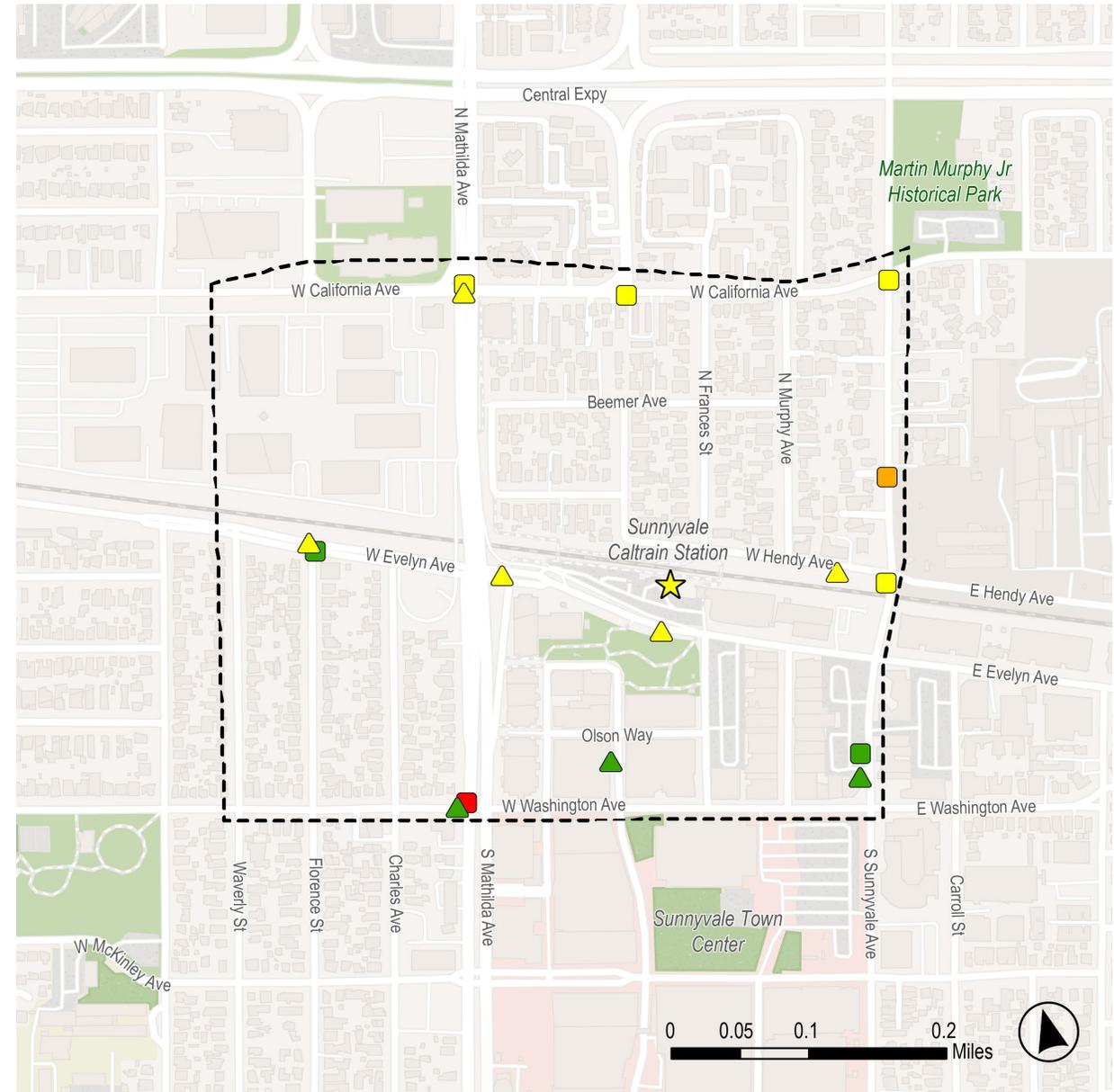
Average Daily Boardings by Stop

- 0 - 25
- 26 - 50
- 51 - 100
- 101 - 200

Source: VTA August 2024 Service Change

Traffic Safety

- 131 total collisions within 5-year period (between January 2019 and January 2024)
- 8 pedestrian collisions and 8 bicycle collisions
 - 1 fatal pedestrian collision



Legend		
	Focus Area	
	Bicycle Collision	
	Pedestrian Collision	
Collision Injury Severity		
	Fatal	
	Severe Injury	
		Complaint of Pain

Source: 5-Year SWITRS Collision Data (January 2019 - January 2024)

Round 1 Engagement Findings

Round 1 Engagement Activities

Community Meeting

Walk Audit

2 Popup Events

Online Survey



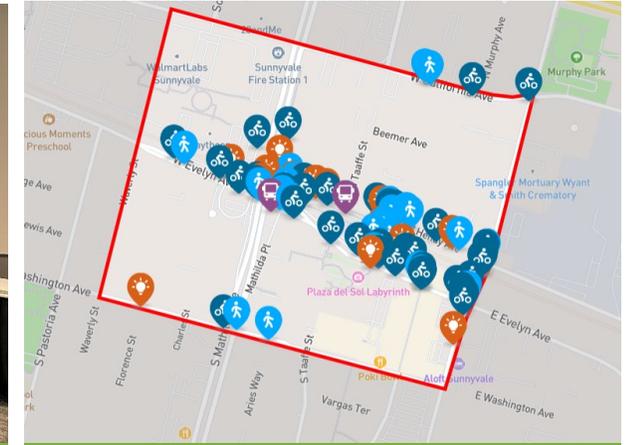
Walk Audit Participants



Caltrain Electrification Event



Engagement at community meeting



Interactive Map Survey

- “Safety” and “comfort” were most used tags
- 286 total observations
 - 76% were “negative” experiences

- Caltrain’s Electrification Service Launch
- AM commute period at Station

- 10 attendees

- 199 survey responses
- 89 interactive map comments

Community Feedback: Social Pinpoint

Survey

- **Walking** is most common mode
 - followed by bike/ridable device
- Interest in at grade crossing improvement and bike lanes
- **55%** would walk/bike more if conditions improved

Interactive Map

- Request for **marked pedestrian crossings**
- **Lighting and wayfinding signage is inadequate**
- Bicycle and vehicle mixing zones do not feel safe due to **fast-moving vehicles**

Community Feedback on Station

- **Safety concerns**, including unhoused population, unsanitary conditions, harassment, and lack of lighting
- **Lack of shade** at station, especially on northbound platform
- Other **desired amenities** include bike parking, free Wi-Fi, public restrooms, accommodations to board trains with strollers, and food options
- **Difficulty transferring** from bus stops to Caltrain with long walking distances and lack of wayfinding signage



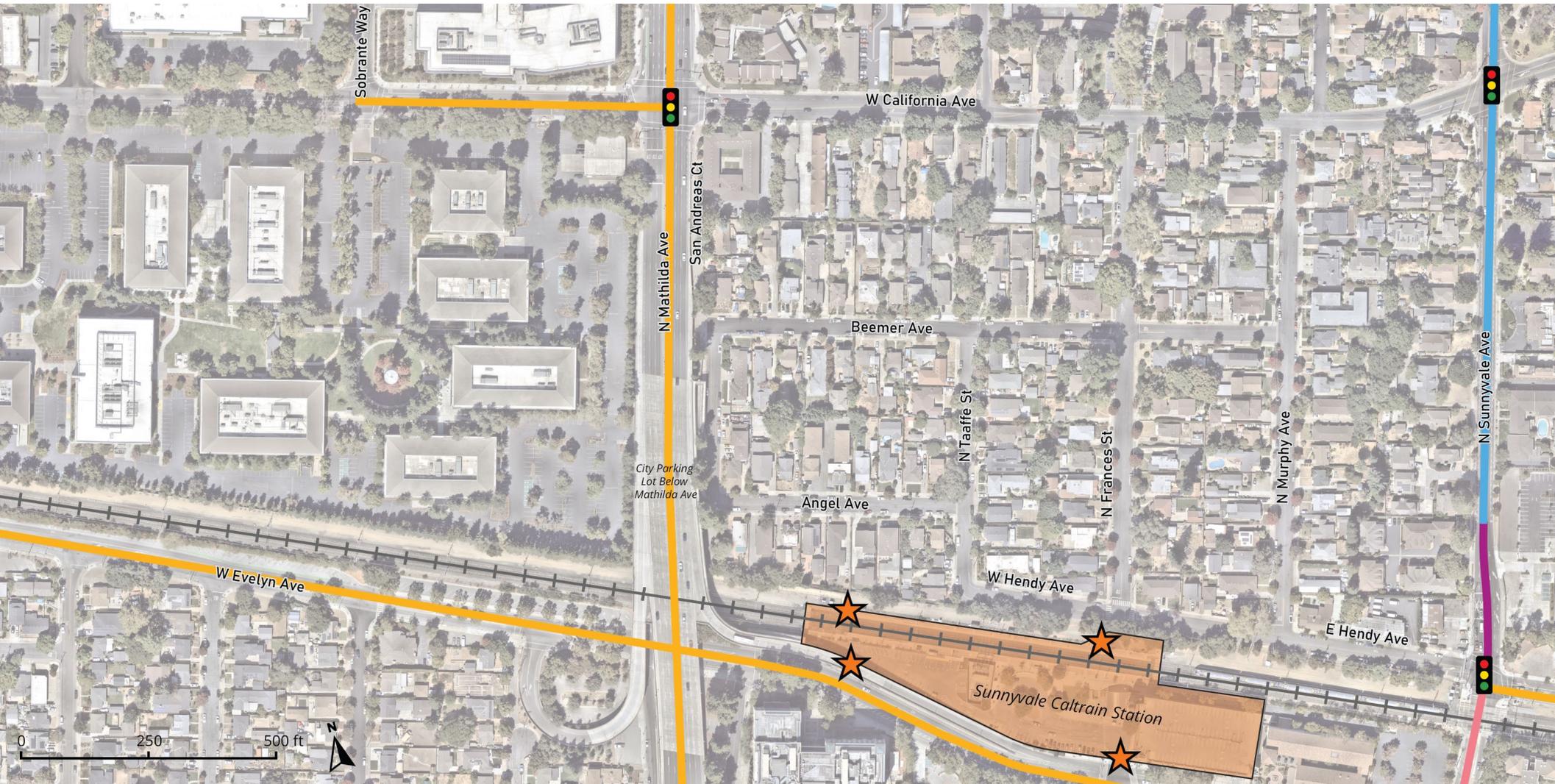
Platform with lack of shading



Low lighting area

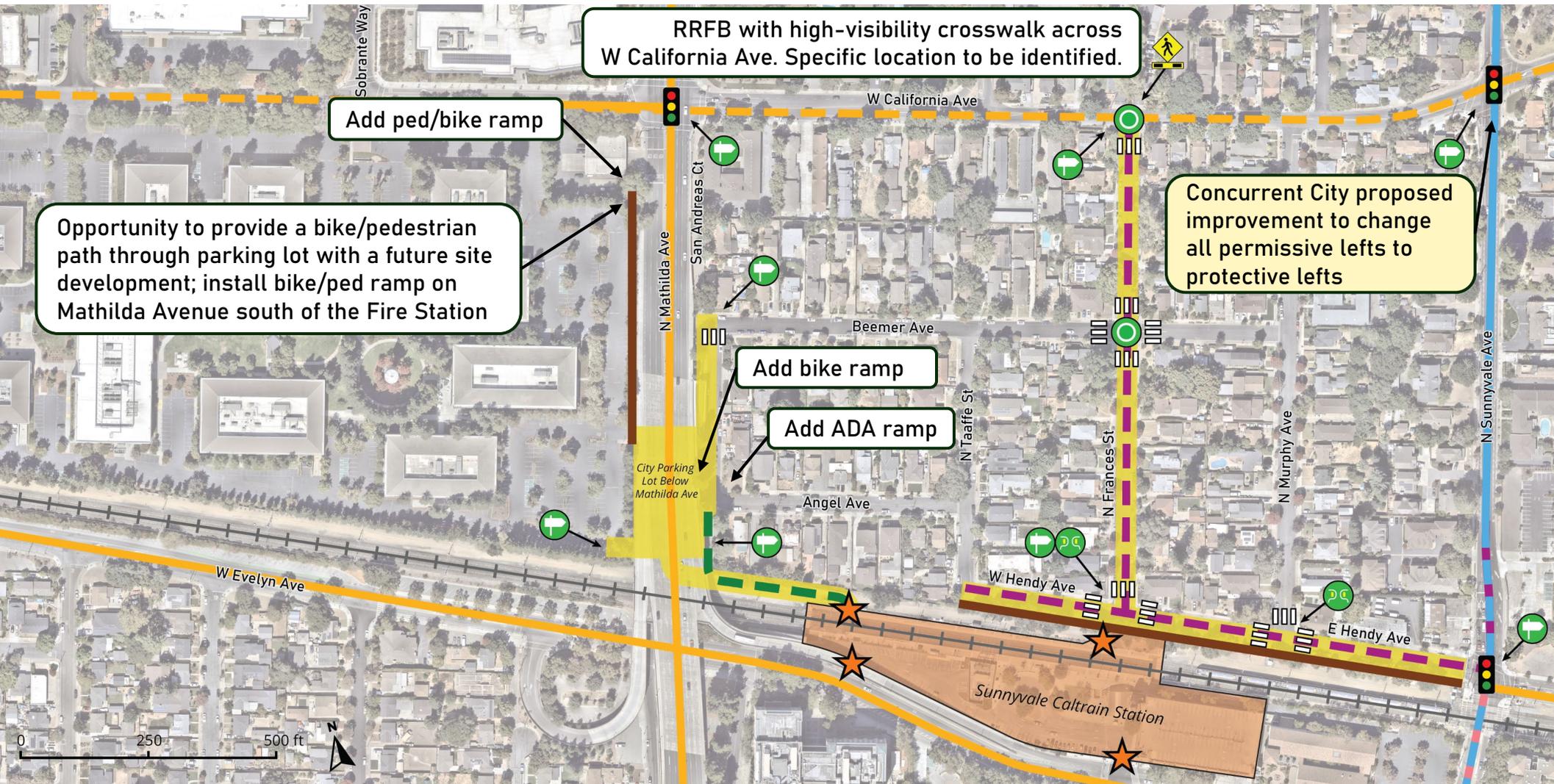
Improvement Recommendations

North of Station: Existing



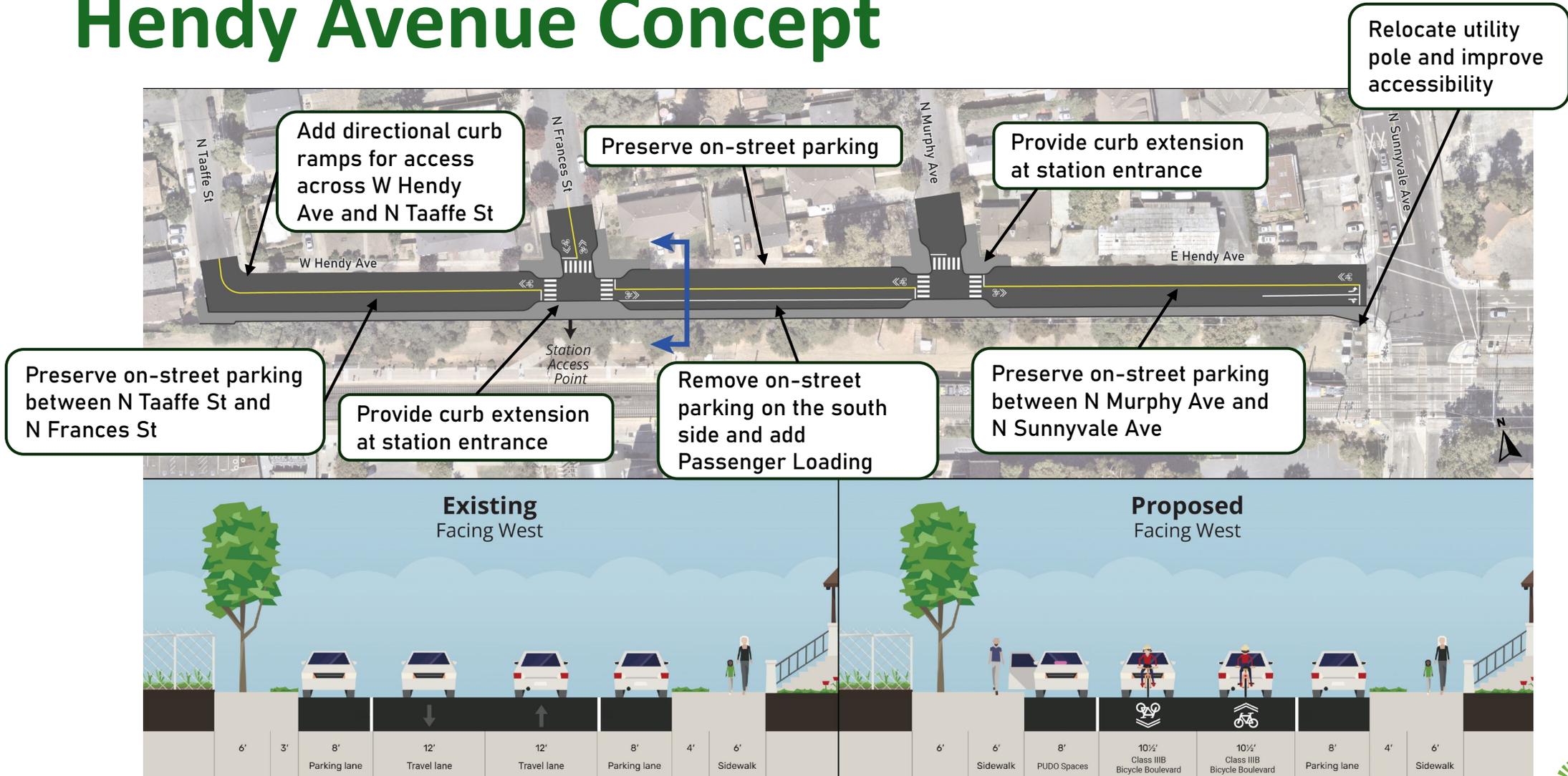
- Existing**
- ★ Station Access Point
 - 🚦 Traffic Signal
 - 🟠 Class II Bicycle Lane
 - 🟡 Class IIB Buffered Bicycle Lane
 - 🔴 Class III Bicycle Route
 - 🟣 Class IIIB Bicycle Boulevard

North of Station: Proposed Improvements

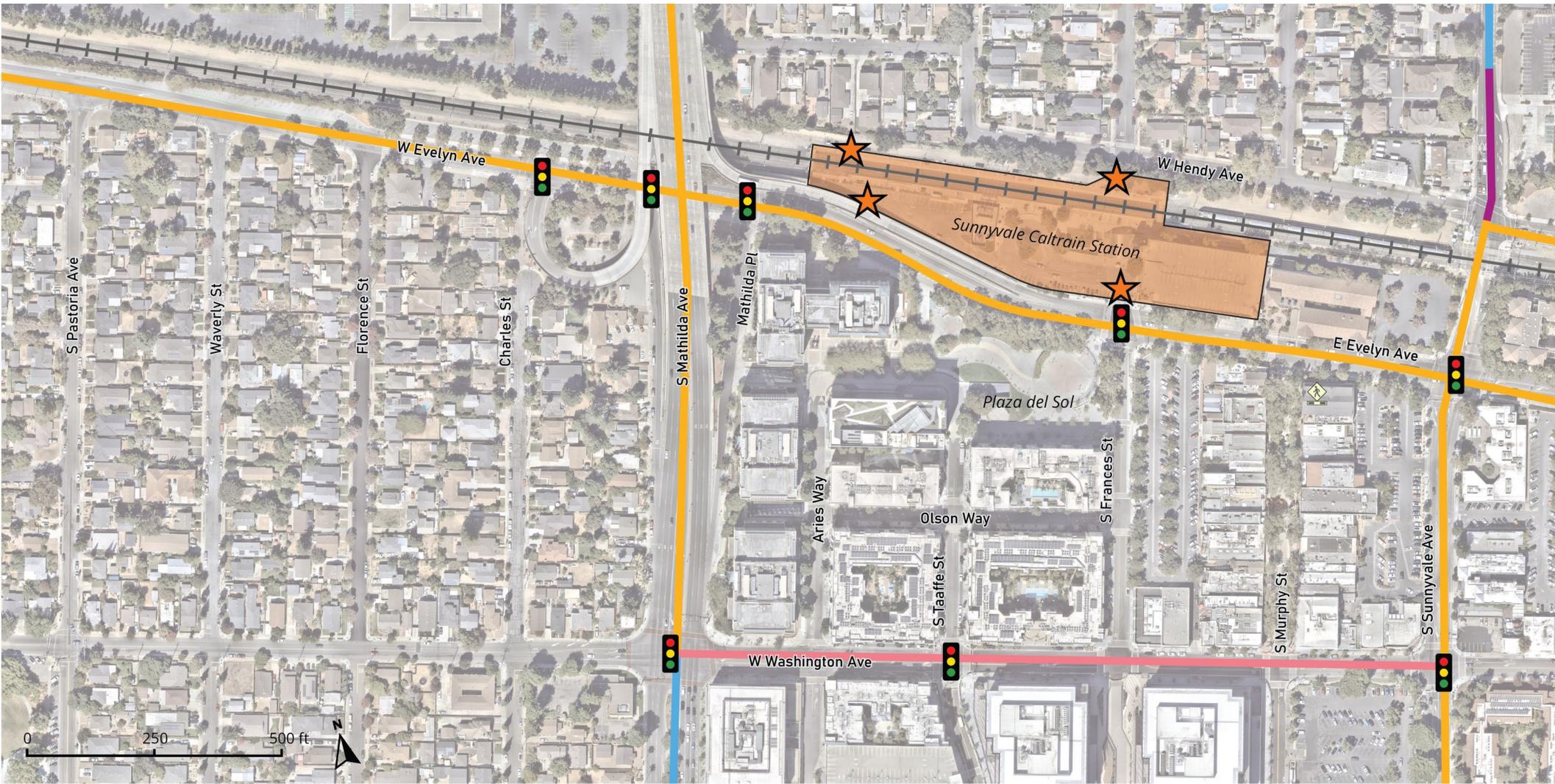


- Proposed**
- Class I Shared-Use Path
 - Class II Bicycle Lane
 - Class IIB Buffered Bicycle Lane
 - Class IIIB Bicycle Boulevard
 - Improved Lighting
 - New or Enhanced Sidewalk
 - Rectangular Rapid Flashing Beacon (RRFB)
 - High-Visibility Crosswalk and ADA Ramps
 - Traffic Circle with ADA Ramps
 - Curb Bulb-outs and ADA Ramps
 - Wayfinding Signage

Hendy Avenue Concept

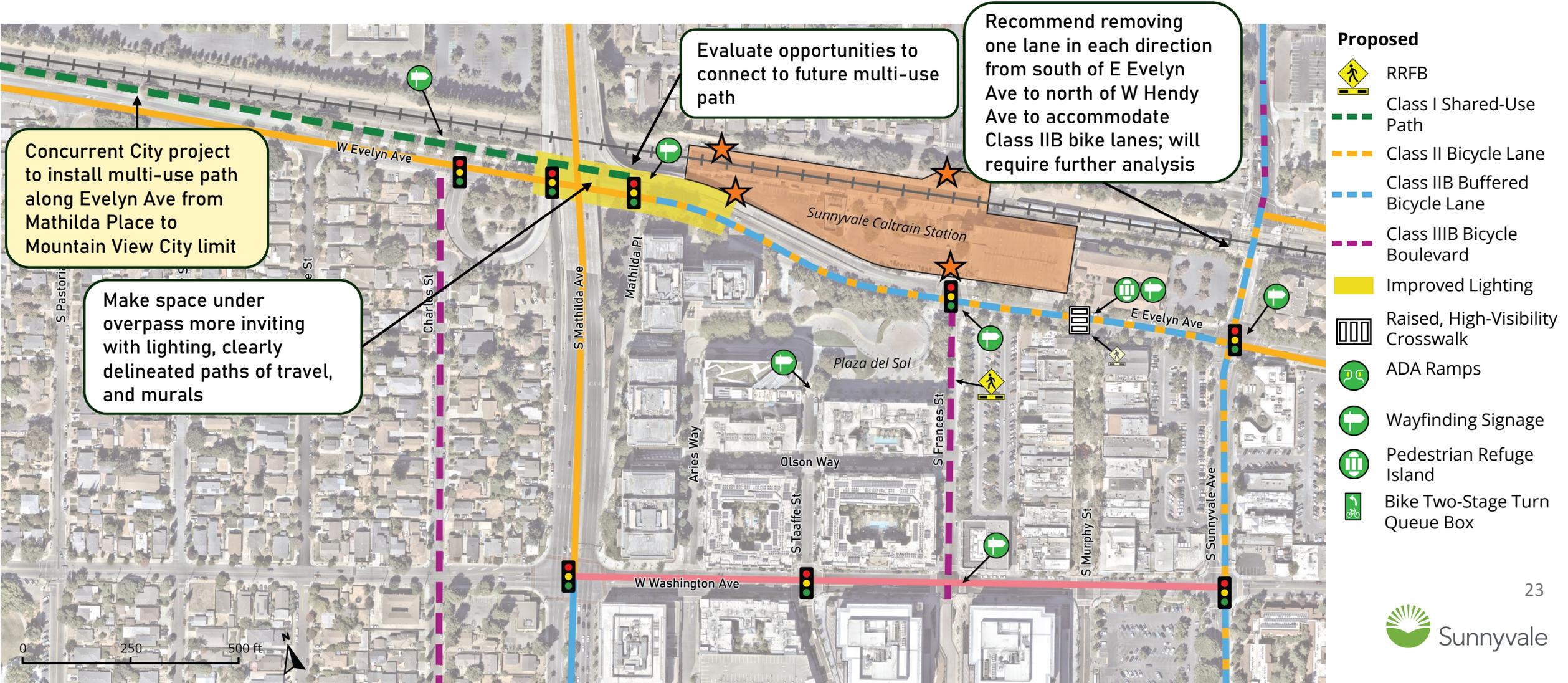


South of Station: Existing



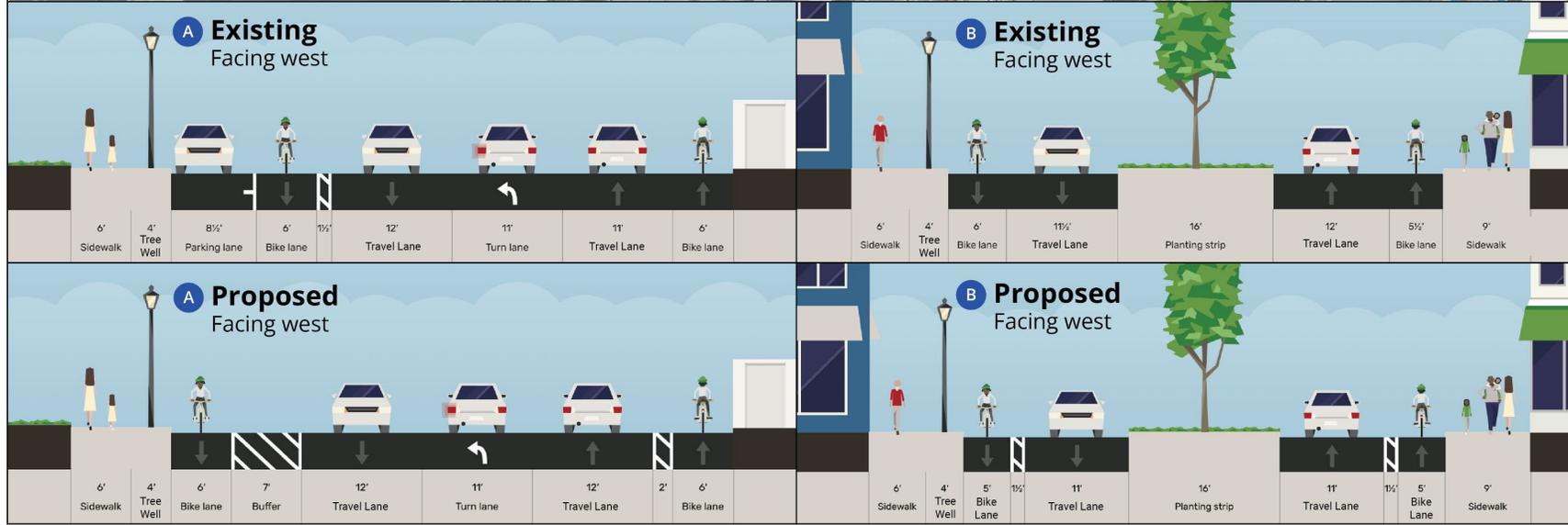
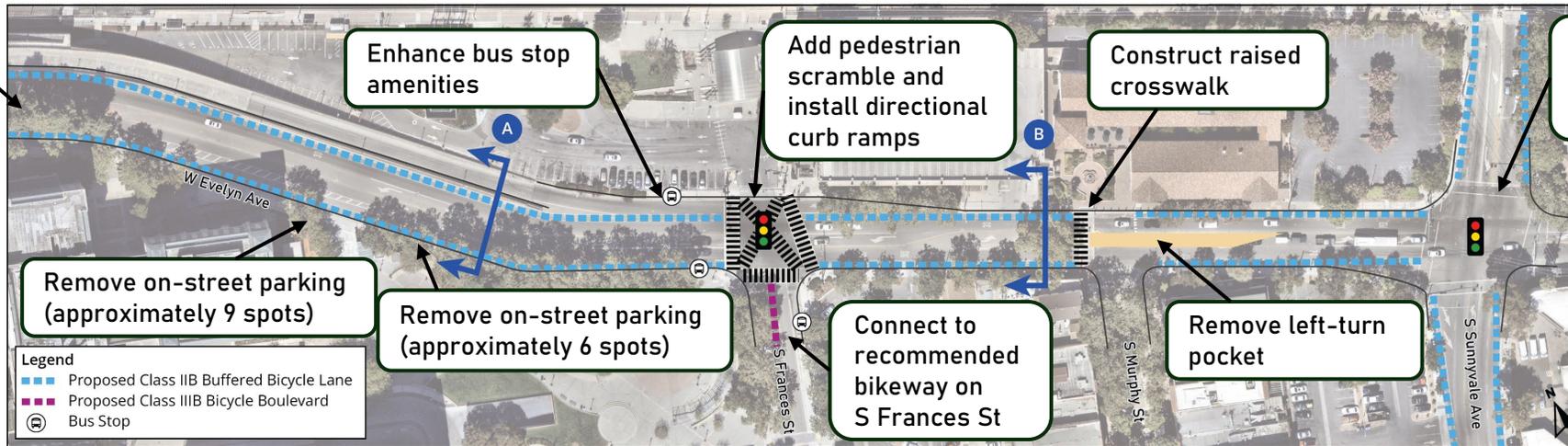
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South of Station: Proposed Improvements

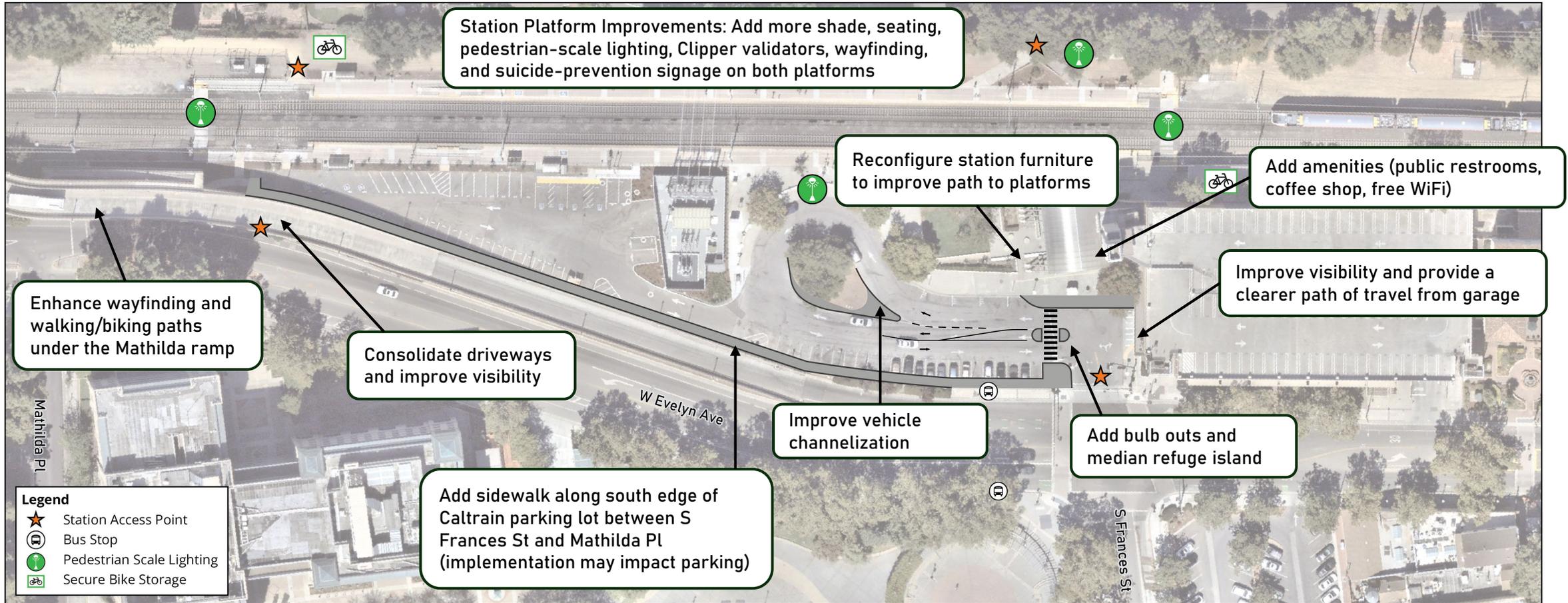


Evelyn Ave: Detailed Concept

Opportunities to connect to future Class I multi-use path at Mathilda Pl



Caltrain Station



Note: These improvements are within Caltrain Right-of-Way and will be provided to Caltrain for their consideration.

Next Steps

Next Steps

- **April/May - Community Engagement Round 2**
 - Share refined improvements and gather feedback to inform selection of recommended walking and biking improvements
- **June/July – City Council Study Session**
- **September/October - BPAC Meeting**
 - Make recommendation to City Council
- **December/January – City Council Action**



Sunnyvale



— THANK YOU! —