

Kimley» Horn

Sunnyvale Caltrain Station Bicycle Pedestrian Access Study

Bicycle and Pedestrian Advisory Commission November 20, 2025



Agenda

- 1. Project Overview
- 2. Round 2 Public Engagement Findings
- 3. Concept Recommendations
- 4. Recommendation to City Council



Project Overview

Background

Study Issue DPW 20-02

- Sponsored by Bicycle and Pedestrian Advisory Commission (BPAC)
- Ranked #1 DPW study issue by City Council at 2020 Study Issues and Budget Workshop

Grant Funded

- Caltrans Sustainable Communities Planning Grant
 - Awarded in 2022



Purpose of the Project

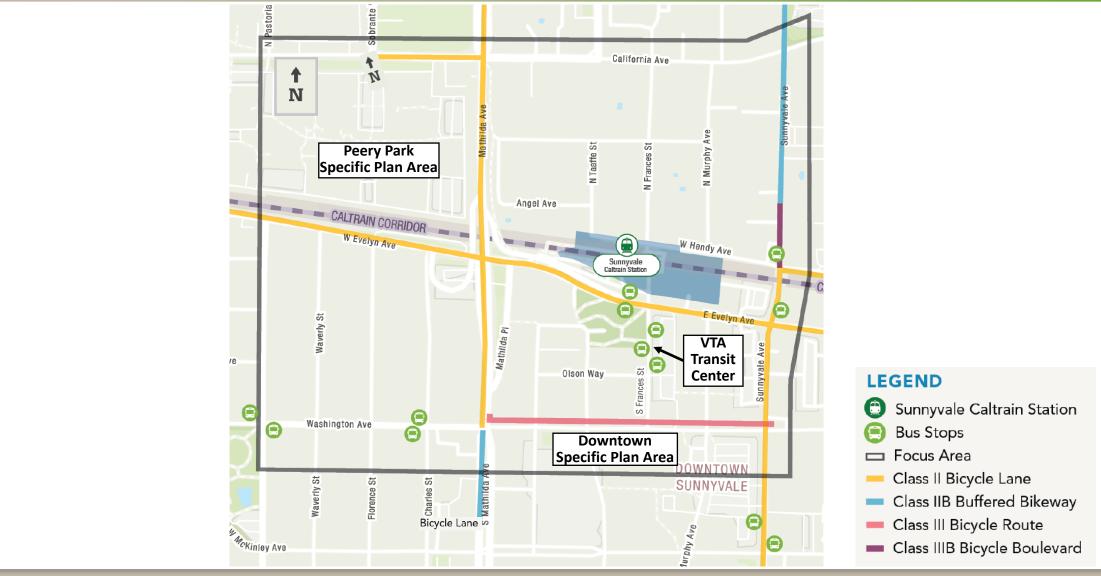
 Identify access and safety improvements for people walking and biking to and from the Sunnyvale Caltrain Station within City right-of-way



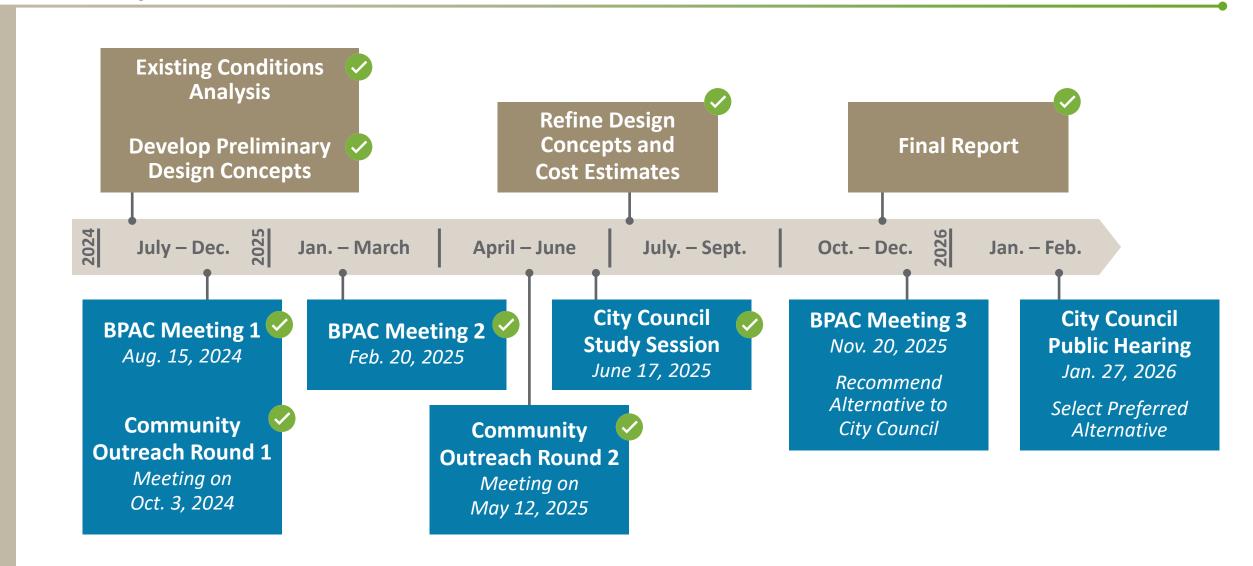




Project Study Area – Existing Conditions



Project Timeline





Round 2 Public Engagement Findings

In-Person Engagement Activities





Two Pop-up Events (May 2025)

- Sunnyvale Farmers' Market on Murphy Avenue
- Caltrain Station during PM Peak commute period
- Around 200 people engaged

Community Meeting (May 2025)

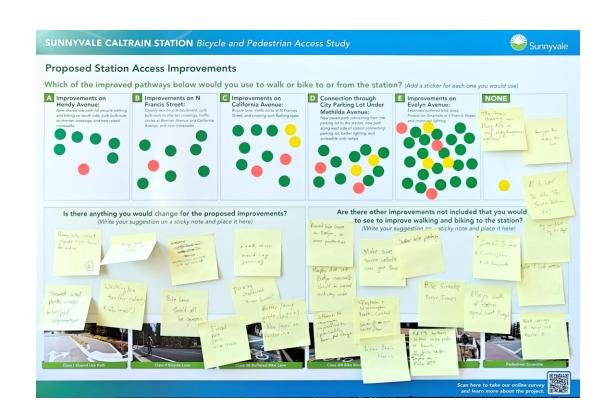
- Online and in-person meeting
- Multilingual presentation options
- Physical presentation boards

Online Survey (April – May 2025)

- Open for 4 weeks
- 94 responses

In-Person Engagement Feedback

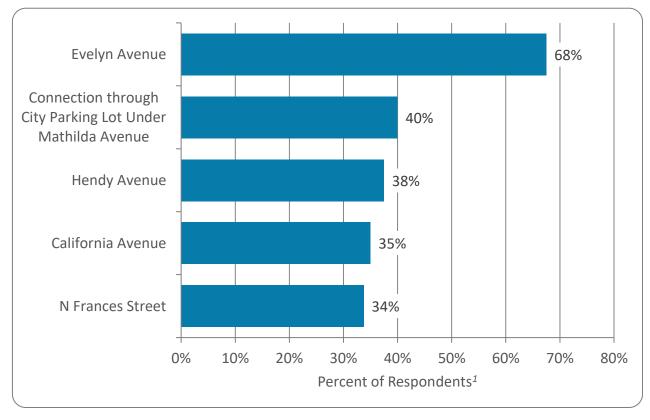
- Most popular location for improvements:
 - 1. Evelyn Ave.
 - 2. City Parking Lot Under Mathilda Ave.
 - 3. California Ave.
- High interest in pedestrian scramble at W. Evelyn Ave. and S. Frances St. intersection
- Request for more Class IIB, Class IV and parking protected bike lanes
- Desire for bulbouts and traffic calming



Online Survey Findings

- 38% of all respondents would walk/bike to the Station more instead of driving if improvements are implemented
- Majority of respondents would use the Evelyn Ave. improvements if implemented

Which Improvements Respondents Would Use¹



¹Percentage totals exceed 100 because respondents were able to select multiple options.

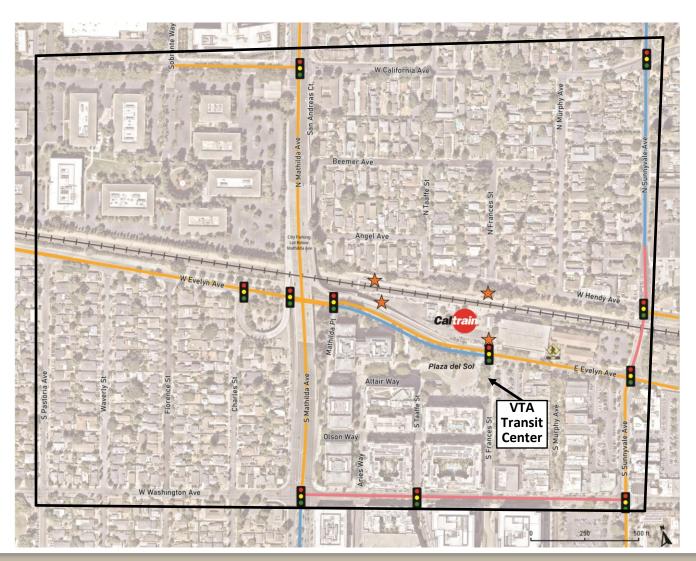
Public and City Council Feedback Incorporated

- Additional improvements on W. California Ave. and N. Frances St.
- Additional wayfinding added around pedestrian scramble at W. Evelyn Ave. & S. Frances St.
- Align Rectangular Rapid Flashing Beacon (RRFB) with Murphy Ave.
 Pedestrian Mall and widen the crosswalk
- Providing Class IV separated bikeway on W. Evelyn Ave. where feasible



Concept Recommendations

Improvement Corridors – Existing Facilities



Existing



Station Access Point



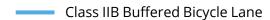
Traffic Signal



Rectangular Rapid Flashing Beacon (RRFB)

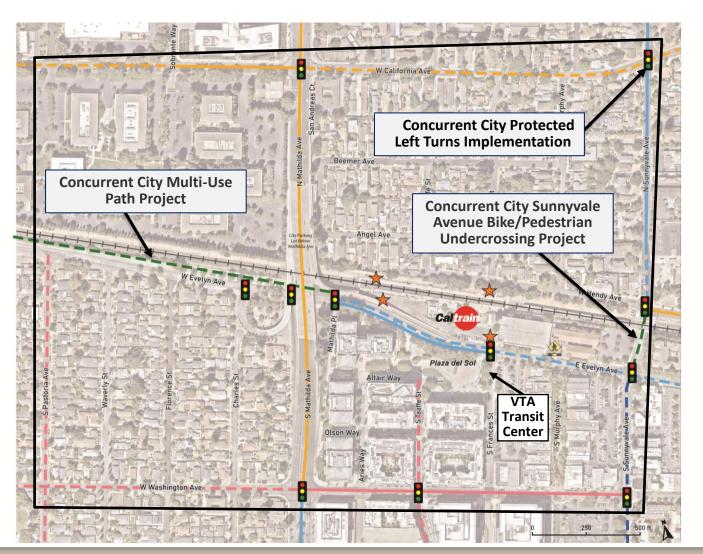






Class III Bicycle Route

Improvement Corridors – Planned City Projects and Proposed ATP



Existing



Station Access Point



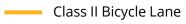
Traffic Signal

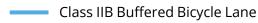


Rectangular Rapid Flashing Beacon (RRFB)



Project Limits







Proposed

Class I Shared-Use Path

Class II Bicycle Lane

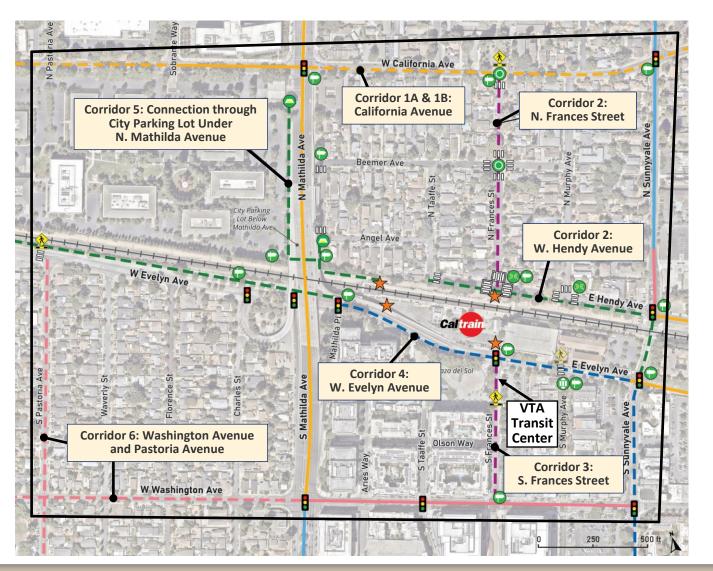
Class IIB Buffered Bicycle Lane

Class III Bicycle Route

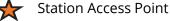
Class IIIB Bicycle Boulevard

Class IV Protected Bicycle Lane

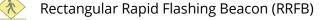
Improvement Corridors – Recommended Improvements



Existing







Project Limits

Class II Bicycle Lane

Class IIB Buffered Bicycle Lane

Class III Bicycle Route

Proposed



Rectangular Rapid Flashing Beacon (RRFB)

Class I Shared-Use Path

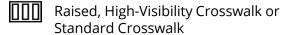
Class II Bicycle Lane

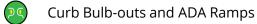
Class IIB Buffered Bicycle Lane

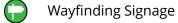
= = Class III Bicycle Route

--- Class IIIB Bicycle Boulevard

Class IV Protected Bicycle Lane









Corridor 1A: California Avenue (Pastoria Ave. to Mathilda Ave.)

- Class II Bicycle Lanes along California Ave. (parking removal needed)
 - Future consideration for wider bike lanes:
 Sunnyvale Business Park to shift curb along their frontage by 3 feet to the south
- Class I shared-use path on west side of N Mathilda Ave.





Corridor 1B: California Avenue (Mathilda Ave. to Sunnyvale Ave.)

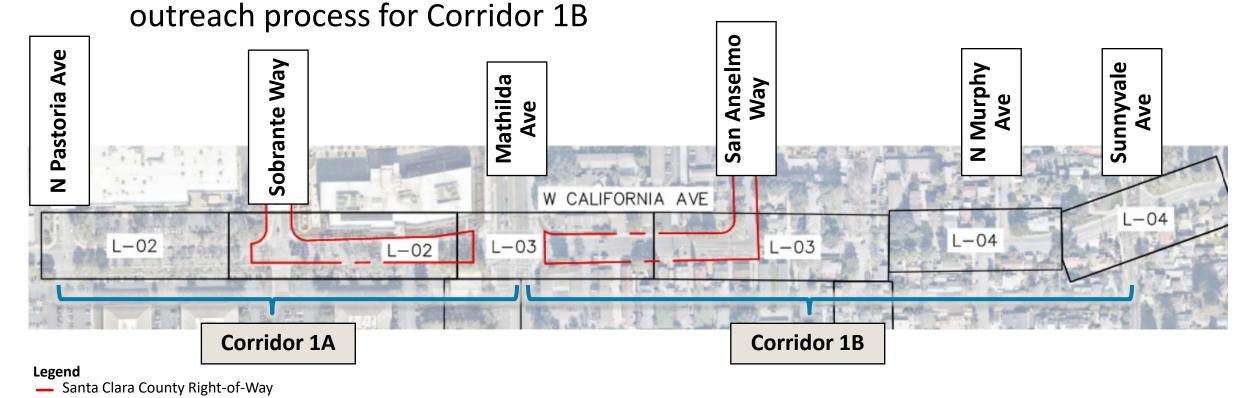
- 1. Class II Bicycle Lanes along California Ave. (parking removal needed)
- 2. Traffic circle at California Ave. and N. Frances St.
- Rectangular Rapid Flashing Beacon (RRFB) across California Ave. at N. Frances St.



Corridor 1A and 1B – County Right-of-Way Approvals

Any changes in County's right-of-way needs their approval

Santa Clara County Board of Supervisors requires a parking study and



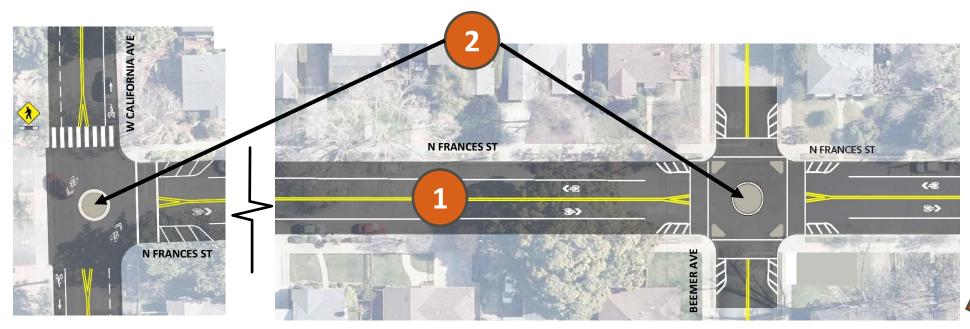
Corridor 2: W. Hendy Avenue and N. Frances Street

- 1. Raised intersection at northern Caltrain Station access point
- 2. Curb extensions to shorten crossing distance
- 3. Class I shared-use path with landscaping (parking removal needed)
- 4. Residential Permit Parking remains on the north side of Hendy Ave.
- 5. Curb ramps and two-stage bicycle turn boxes for bicyclists to access the proposed shared-use path



Corridor 2: W. Hendy Avenue and N. Frances Street (Continued)

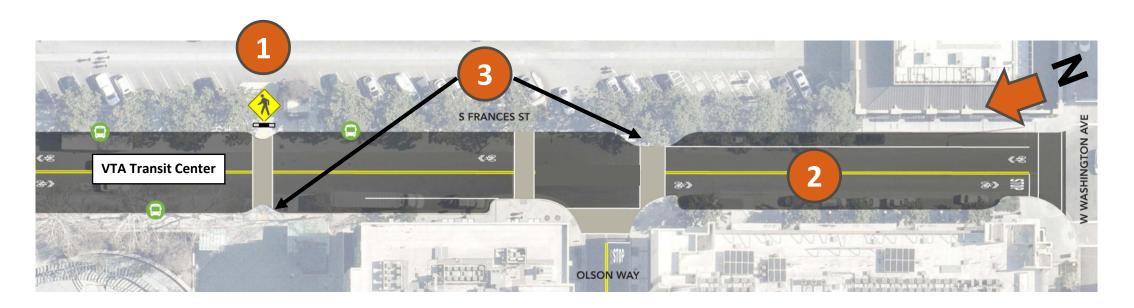
- 1. Class IIIB Bicycle Boulevard along N. Frances St.
- 2. Traffic circles at:
 - N. Frances St. & California Ave.
 - N. Frances St. & Beemer Ave.





Corridor 3: S. Frances Street

- 1. RRFB crossing between VTA bus stop platforms
- 2. Class IIIB Bicycle Boulevard along S. Frances St.
- 3. Curb extensions to shorten crossing distance and improve visibility



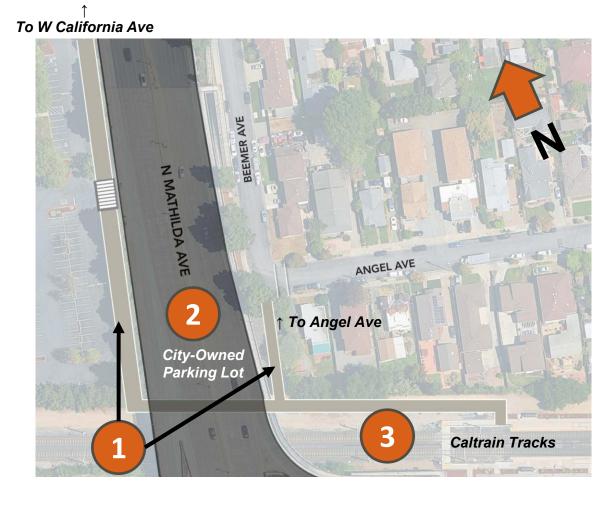
Corridor 4: W. Evelyn Avenue

- 1. Class IV protected bicycle lanes on both sides of W Evelyn Ave. from Mathilda Pl. to Sunnyvale Ave.
- 2. Pedestrian scramble at W. Evelyn Ave. & S. Frances St.
- 3. Physical barrier preventing left-turns from City surface parking lot
- 4. Widen and re-align RRFB crossing at S Murphy Ave. with permanent median that allows emergency vehicle access



Corridor 5: Under N Mathilda Avenue

- 1. Class I shared-use path next to Mathilda Ave. for pedestrians and cyclists with accessible curb ramps and pedestrian-scaled lighting
- Improved lighting under Mathilda Ave. and opportunity for artwork
- New paved path connecting parking lot to the station while maintaining privacy for residents



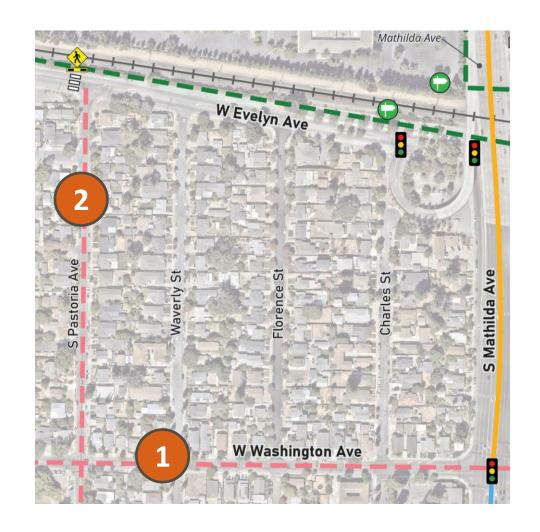
Corridor 6: Washington Avenue and S. Pastoria Avenue

1. Washington Avenue:

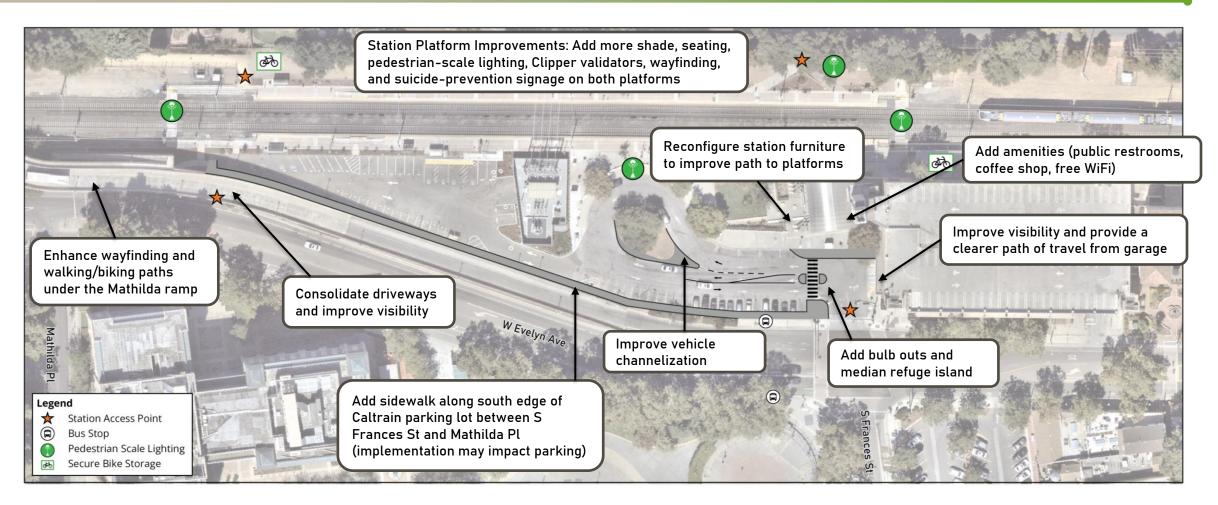
 Extend Class III Bicycle Route from west of Mathilda Ave. to S. Pastoria Ave.

2. S. Pastoria Avenue:

 Install Class III Bicycle Route from W. Evelyn Ave. to Washington Ave.



Proposed Improvements within Caltrain right-of-way



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

Cost Estimates by Corridor

*Cost estimates are based on conceptual design concepts.

Corridor	Street Name (Limits)	Total Cost*
1A	California Avenue (Pastoria Ave. to Mathilda Ave.)	\$1,000,000
1B	California Avenue (Mathilda Ave. to Sunnyvale Ave.)	\$2,500,000
2	W. Hendy Avenue and N. Frances Street	\$3,500,000
3	S. Frances Street	\$1,000,000
4	W. Evelyn Avenue	\$3,500,000
5	N. Mathilda Avenue including City Parking Lot Underneath the Mathilda Avenue Overpass	\$2,000,000
6	Washington Avenue and S. Pastoria Avenue	\$100,000
	Grand Total	\$13,600,000



Considerations

Alternative 1:

- Recommend to City Council to approve the concept plans from the Sunnyvale Caltrain Station Pedestrian-Bicycle Access Study (DPW 20-02); and
- Recommend that the City Council direct staff to include the concept plans as an unfunded project(s) in the FY 2026/27 Budget pending future identification of funding; and
- Recommend to City Council to Recommend to the Santa Clara County Board of Supervisors to approve the proposed improvements for Corridor 1A in County's right-of-way.

Considerations

Alternative 2:

- Recommend to City Council to approve the concept plans from the Sunnyvale Caltrain Station Pedestrian-Bicycle Access Study (DPW 20-02) for select corridors; and
- Recommend that the City Council direct staff to include the concept plans as an unfunded project(s) in the FY 2026/27 Budget pending future identification of funding; and
- Recommend to City Council to Recommend to the Santa Clara County Board of Supervisors to approve the proposed improvements for Corridor 1A in County's right-of-way.

Considerations

- Alternative 3:
 - Recommend to City Council to maintain the existing conditions.

Staff Recommendation

Alternative 1:

- Recommend to City Council to approve the concept plans from the Sunnyvale Caltrain Station Pedestrian-Bicycle Access Study (DPW 20-02); and
- Recommend that the City Council direct staff to include the concept plans as an unfunded project(s) in the FY 2026/27 Budget pending future identification of funding; and
- Recommend to City Council to Recommend to the Santa Clara County Board of Supervisors to approve the proposed improvements for Corridor 1A in County's right-of-way.

Next Steps

- BPAC Recommends an Alternative to City Council this evening
- City Council Meeting to Select an Alternative Jan. 27, 2026





Thank you

