



BERNARDO AVENUE UNDERCROSSING PROJECT

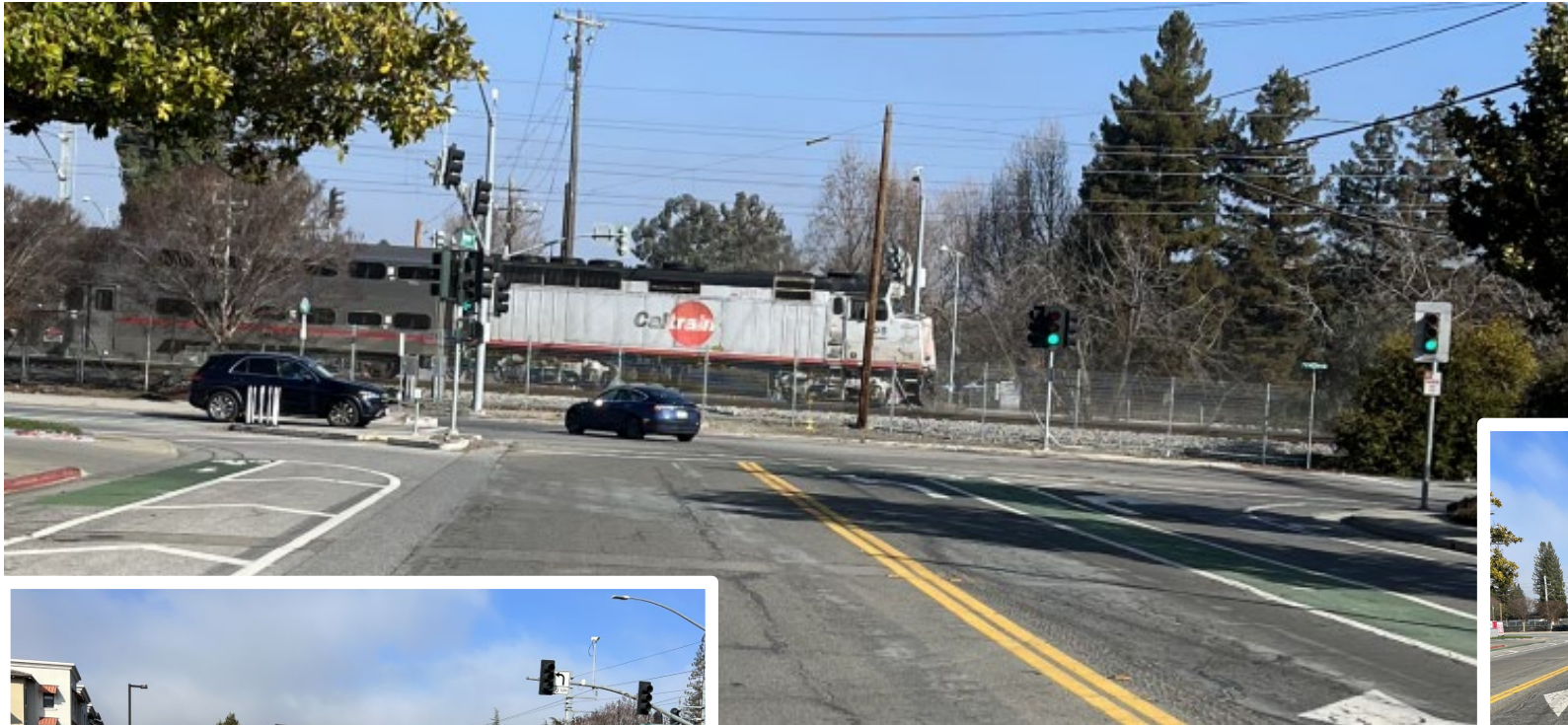
City Council
City of Sunnyvale
May 16, 2023

Project Purpose and Limits



Project Purpose

Existing Access – Evelyn Avenue Intersection



Project Purpose

Existing Access – Central Expressway Intersection



Project Purpose

Existing Bicycle and Pedestrian Routes

Pedestrian Route



1.6 miles, 25 min

Bicycle Route



1.5 miles, 8 min

Project Description and Partners



Central Expressway Undercrossing



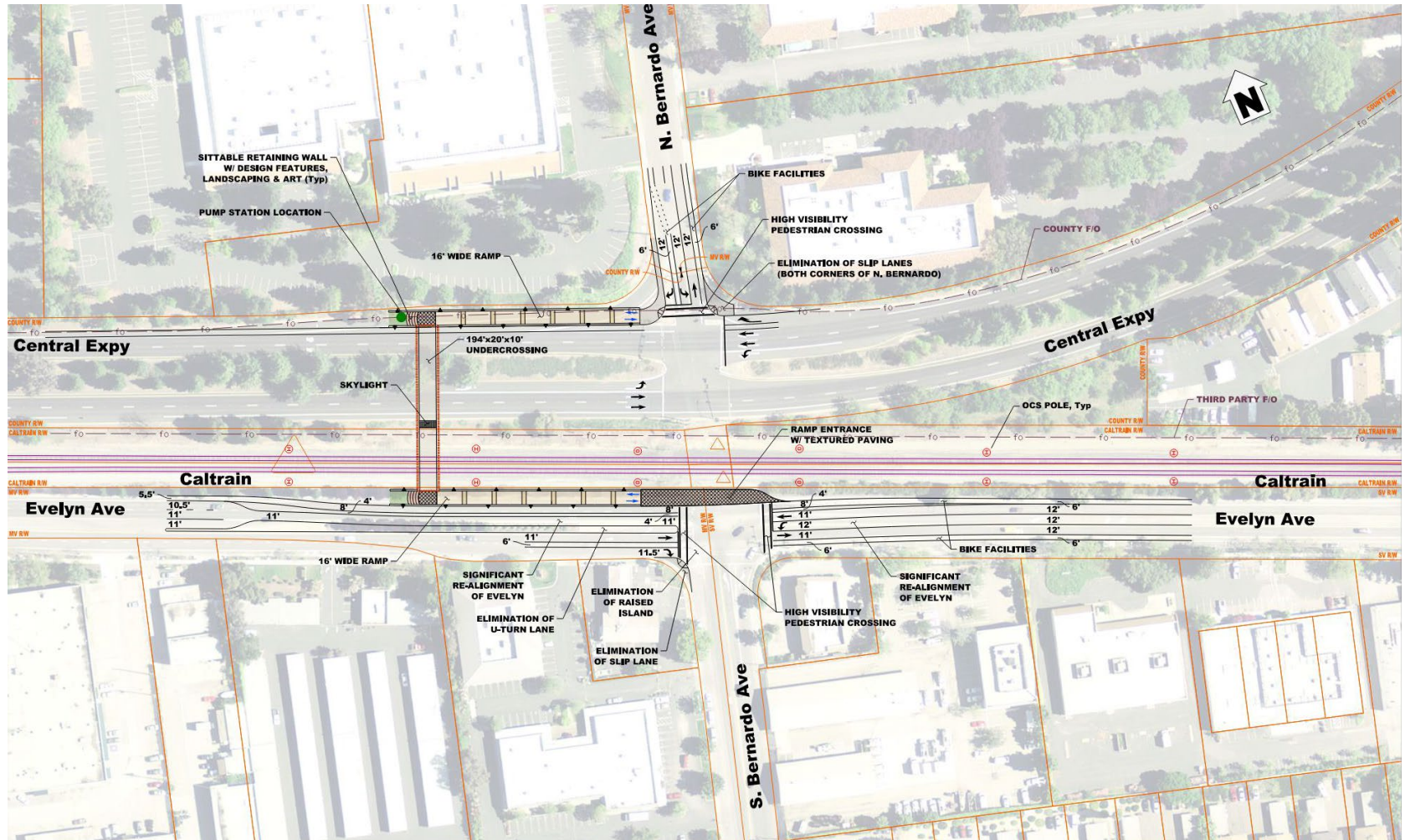
Caltrain Undercrossing

Project to Date

- Agreement with Mountain View
- Awarded consultant contract
- Developed conceptual options
- Joint Bicycle and Pedestrian Advisory Commission/Committee (BPAC) Presentation
- Caltrain/Joint Powers Board project approval
- Refined options
- Public outreach
- On-going stakeholder coordination

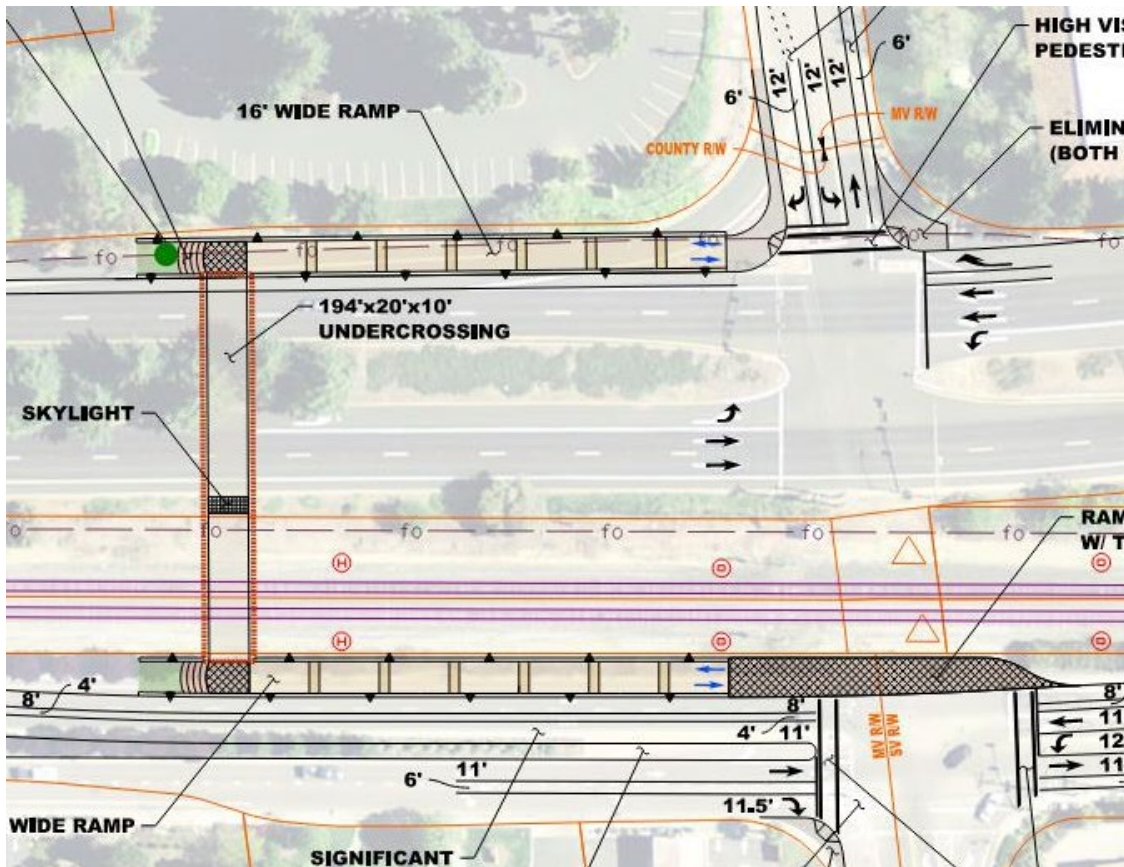
Project Alternatives

Western Alternative



Project Alternatives

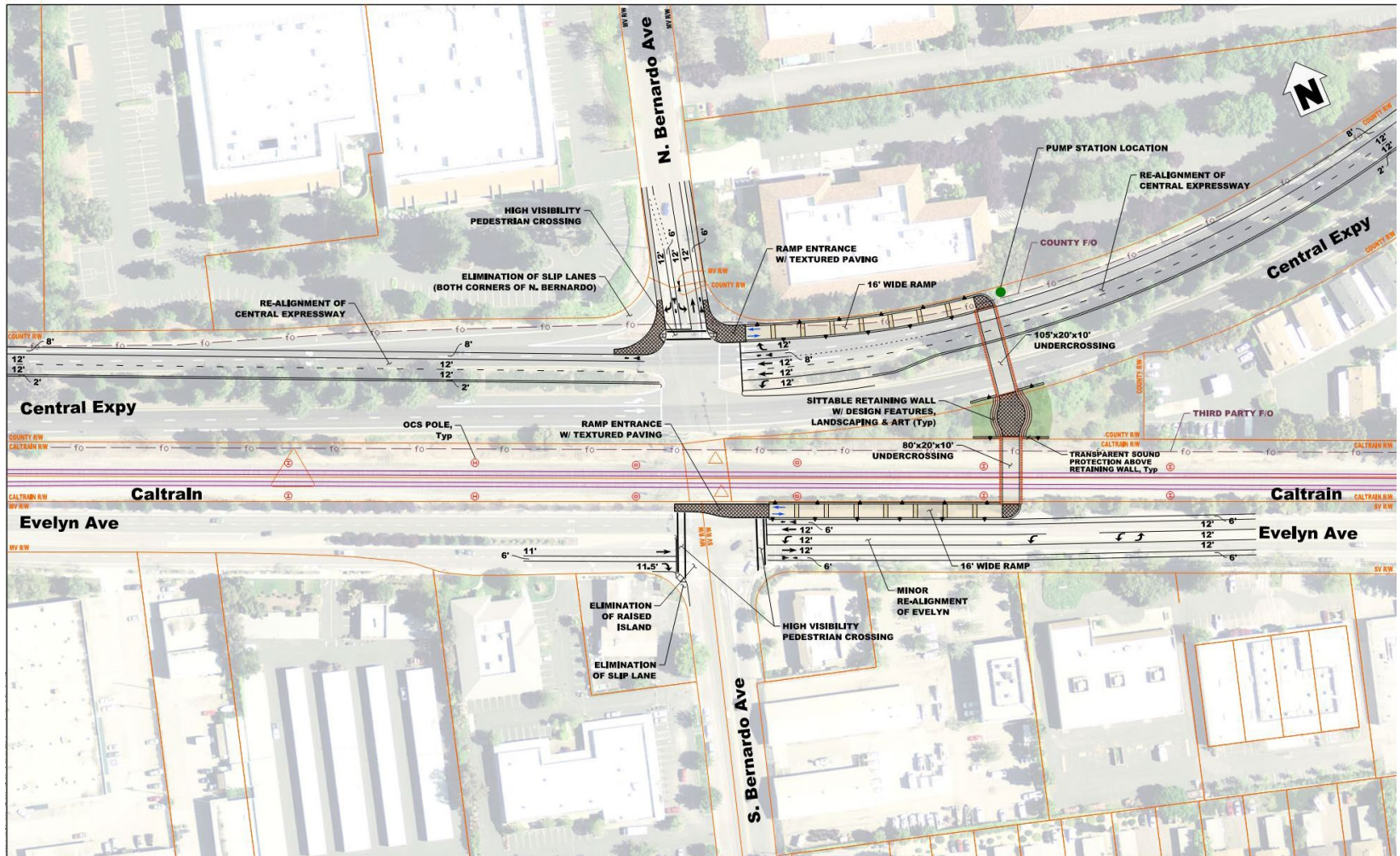
Western Alternative



- Pros:
 - One tunnel
 - Straight
 - Shorter
- Cons:
 - More utilities
 - Construction staging in roadways
 - Small skylight option
 - Tree loss in Central median

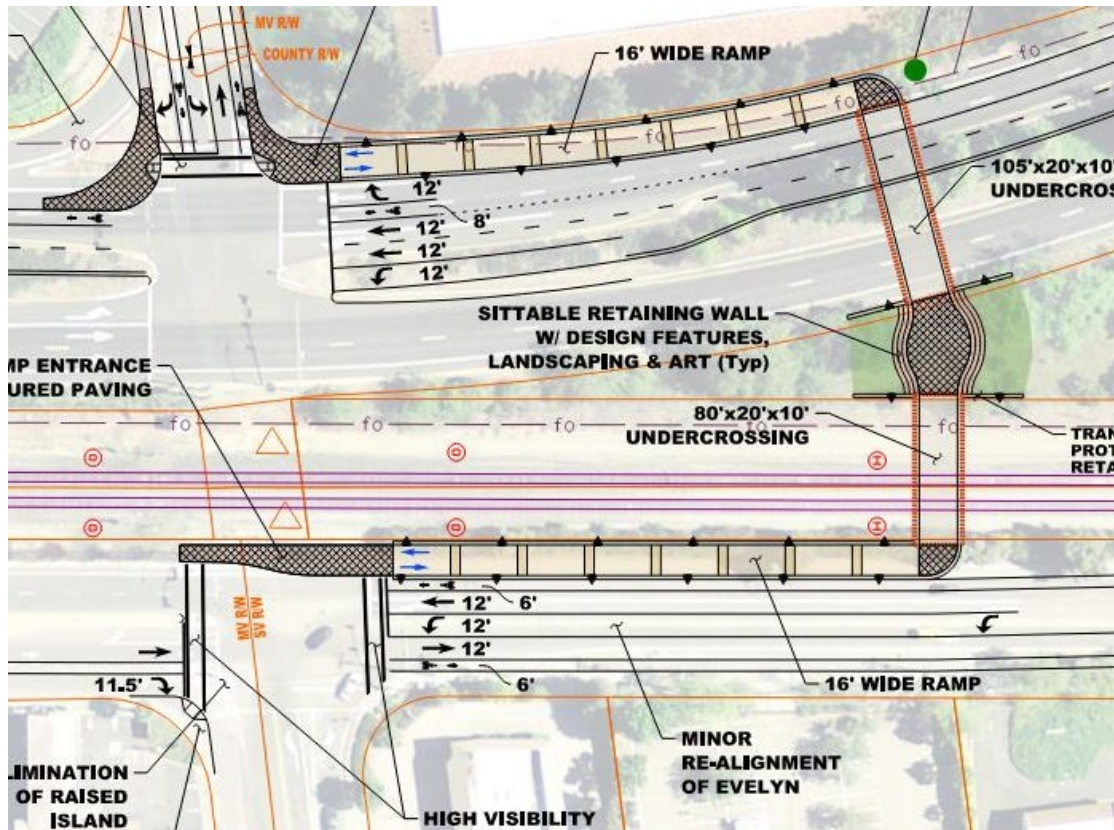
Project Alternatives

Eastern Alternative



Project Alternatives

Eastern Alternative



■ Pros:

- Less utilities
- Opening in middle lets in air and light
- Open space for construction staging
- Less tree loss

■ Cons:

- Two tunnel segments
- Visibility
- Longer

Local Examples – Santa Clara Caltrain Station



Local Examples – California Ave, Palo Alto



Local Examples



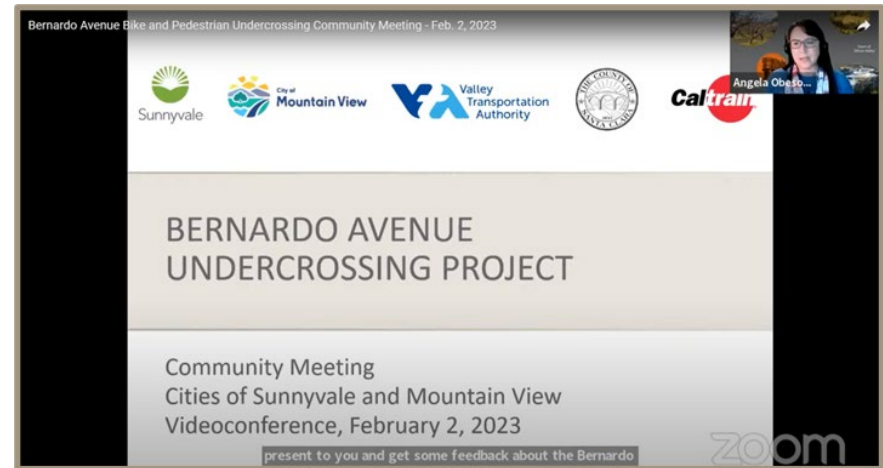
Homer Avenue, Palo Alto

Stevens Creek Trail at El Camino Real,
Mountain View

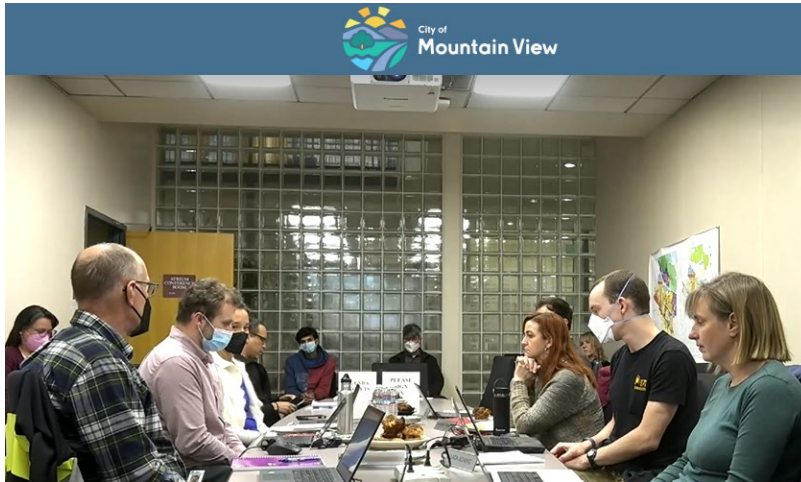


Community Meeting, Feb. 2, 2023

- Significant outreach effort
- Supportive of project
- Eastern option preferred
 - Mid-crossing opening
 - Natural light
 - Less expensive
 - Drainage concerns
- Other comments:
 - Separation of bicyclists and pedestrians
 - Flatten ramp areas
 - Concerns about sharp turns
 - Protect ramp openings



Mountain View BPAC Meeting, Feb. 22, 2023



- Supportive of project
- Comments:
 - Most like midway opening
 - Ramp and tunnel widths
 - Connections to roadways
 - Compatibility with Evelyn Avenue plans
 - Prefer no bollards or chicanes

- Passed motion to recommend eastern option
 - 4 in favor
 - 1 abstention

Sunnyvale BPAC Meeting, March 16, 2023

- Supportive of project
- Comments:
 - Like midway opening
 - Interest in protected intersection
 - Compatibility with Evelyn Avenue plans
 - Concerns about sharp turns at tunnel
 - Interest in including art
- Passed motion to recommend eastern option to Sunnyvale City Council
 - 5 in favor
 - 1 absence



Mountain View Council Transportation Committee Meeting, April 10, 2023



- Supportive of project
- Comments:
 - Like eastern option
 - Interest in funding plan
 - Interest in including art
 - Include safety/security considerations
- Passed motion to recommend eastern option to Mountain View City Council
 - 3 in favor

Mountain View City Council Meeting, April 25, 2023

- Consent calendar
- No public comments
- No Councilmember comments
- Passed on consent to recommend eastern option
 - 7 in favor

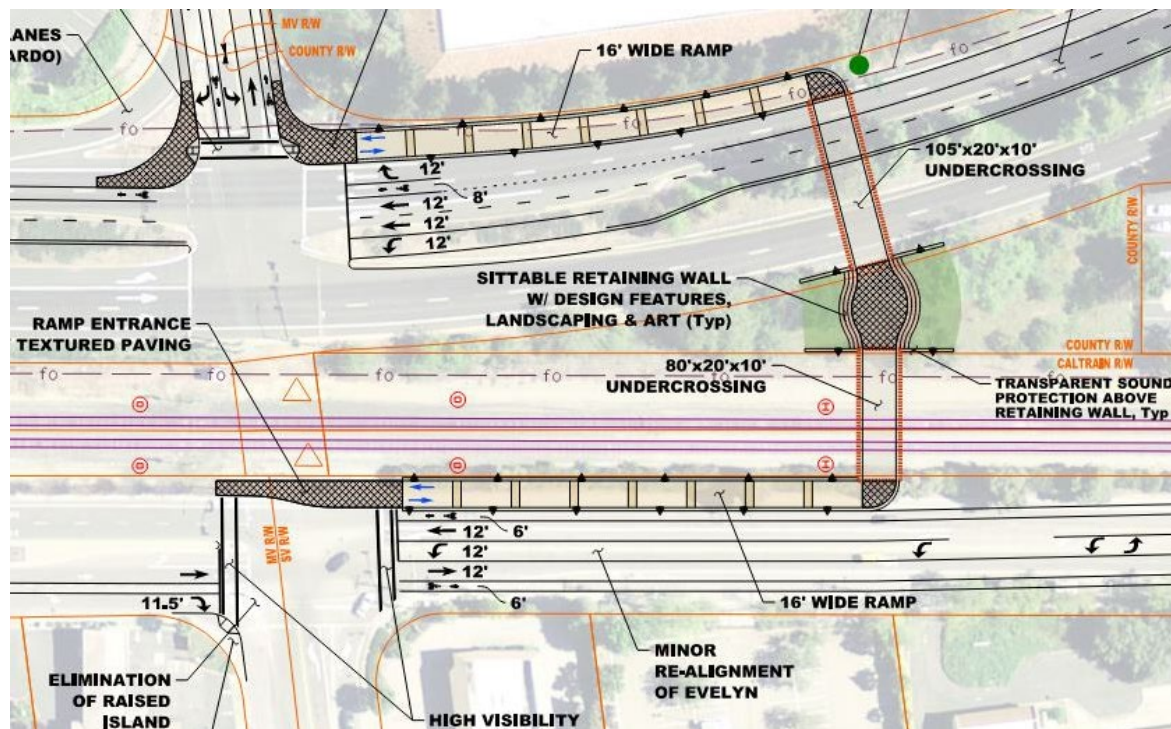


Next steps

- Finalize Caltrain Agreement
- Complete environmental clearance
- Caltrain to develop Request for Proposals for final design
- Secure remaining funding
 - Approximate gap of \$44M

Staff Recommendation

Selection of the Eastern Alignment as the Preferred Alignment of the Bernardo Avenue Undercrossing Project



Q&A

Thank you!