

connect **SKATE** *stay*
BIKE **LOS GATOS**
HOME **JOG** *gather* **PLAY** *walk*

**Los Gatos Creek Trail to Highway 9
Trailhead Connector Project
On-Line Community Meeting**

April 29, 2021

6:00 PM – 7:00 PM



Tonight's Agenda

- Project Team Introductions
- Brief Review of Project Background, Goals and Challenges
- Items Completed
- Updated Project Layouts
- Revised Project Schedule - Next Steps
- Questions, Comments, Feedback



Project Team

- LOS GATOS STAFF

- Michelle Quinney, Special Projects Manager
- Janice Chin, Assistant Engineer
- Christopher Hall, Transportation Planning Intern
- Ying Smith, Transportation and Mobility Manager
- WooJae Kim, Town Engineer
- Matt Morley, Parks & Public Works Director

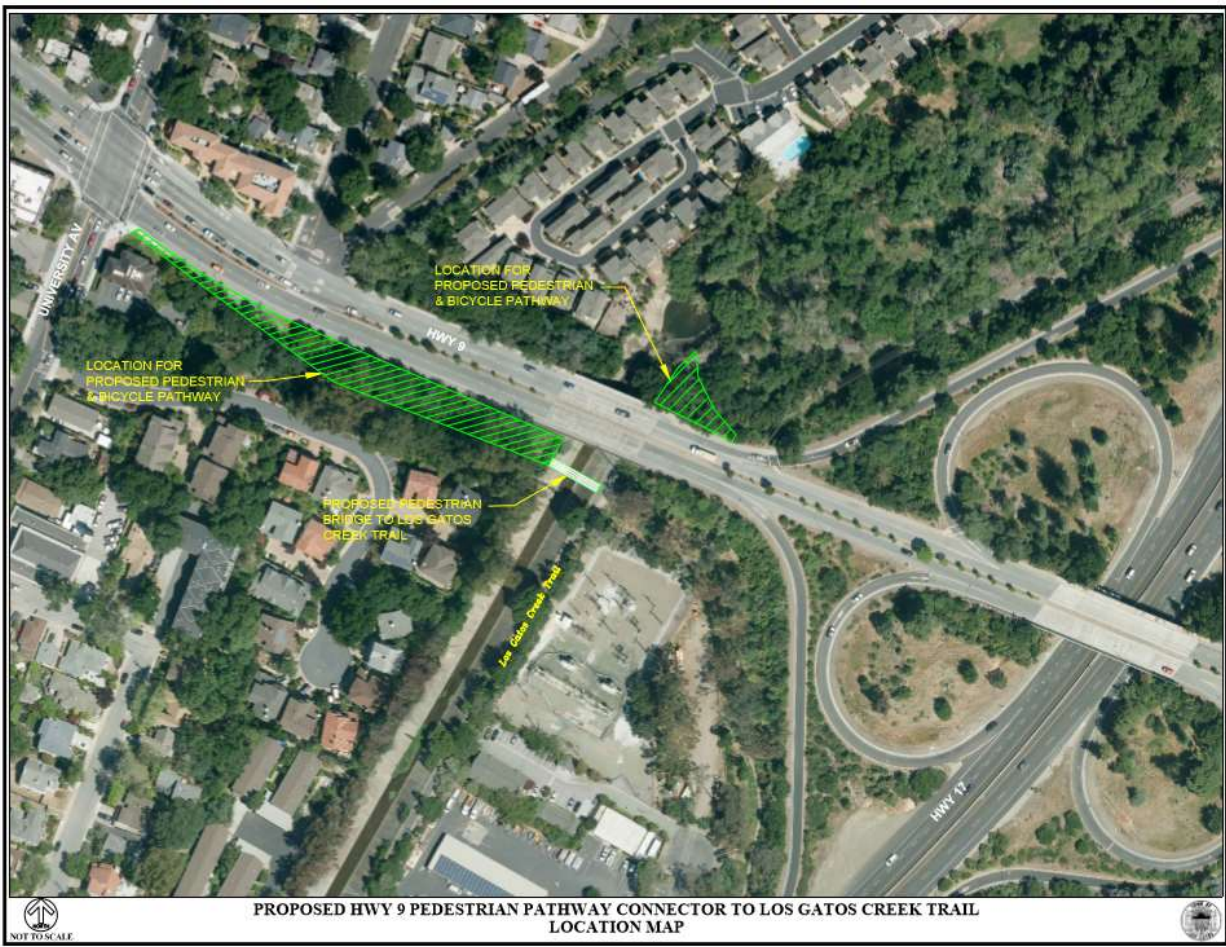
- MOTT MACDONALD GROUP

- Teferi Abere, P.E. – Principal Project Manager
- Tommy Cho – Senior Project Manager
- Anthony Richardson – Biggs Cardosa Associates – Structures Manager



Project Location

connect stay
LOS GATOS
BIKE walk
gather JOG



Project Background

- Identified in the Town's Bicycle and Pedestrian Master Plan as a High Priority Project
- Federal funds secured for design, construction funding pending
- Mott MacDonald Group was selected to complete project design
- 1st Community Meeting held February 2020
- 35% design completed April 2020
- Currently working toward 65% complete design
- Final design completion anticipated December 2021.

Project Goals

- Provide a safe, desirable bicycle and ADA accessible pedestrian connections between Highway 9 and the Los Gatos Creek Trail
- Meet design requirements for federally funded projects
- Complete project design within allocated design budget
- Work closely together with trail users, the community, and Caltrans



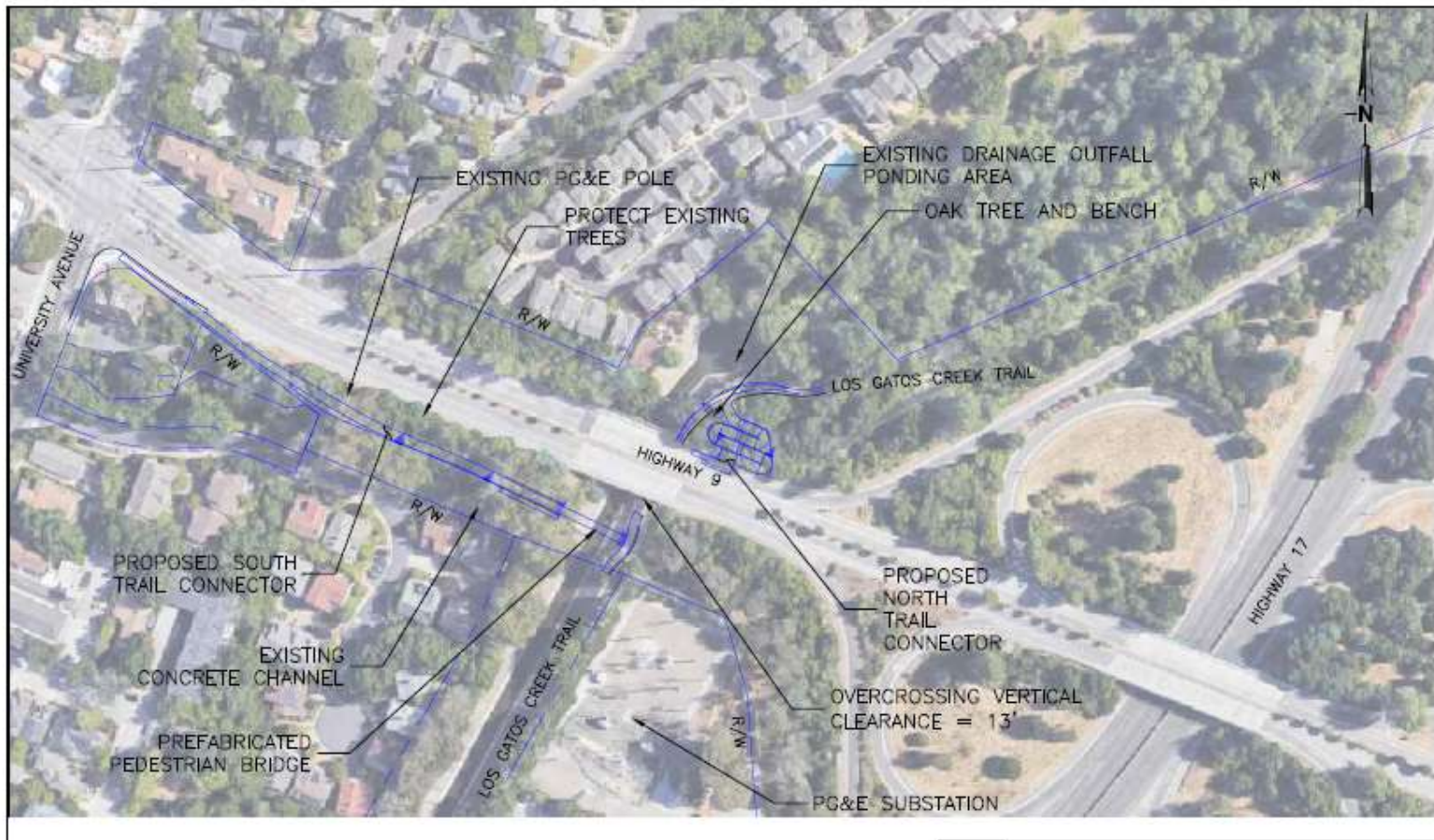
Project Challenges

- Steep slopes – 20-30' drop between roadway and creek trail
- Existing trees and vegetation
- Existing utilities – Power poles and substation - southside
- Existing drainage facilities – Caltrans culvert/outfalls – northside; Almendra Creek, storm drain outfall - southside
- Encampments on south side
- Constructability/construction access/future maintenance
- Environmental studies/reviews w/Caltrans as Lead Agency
- Caltrans right of way – Excess property issue
- Additional project permits

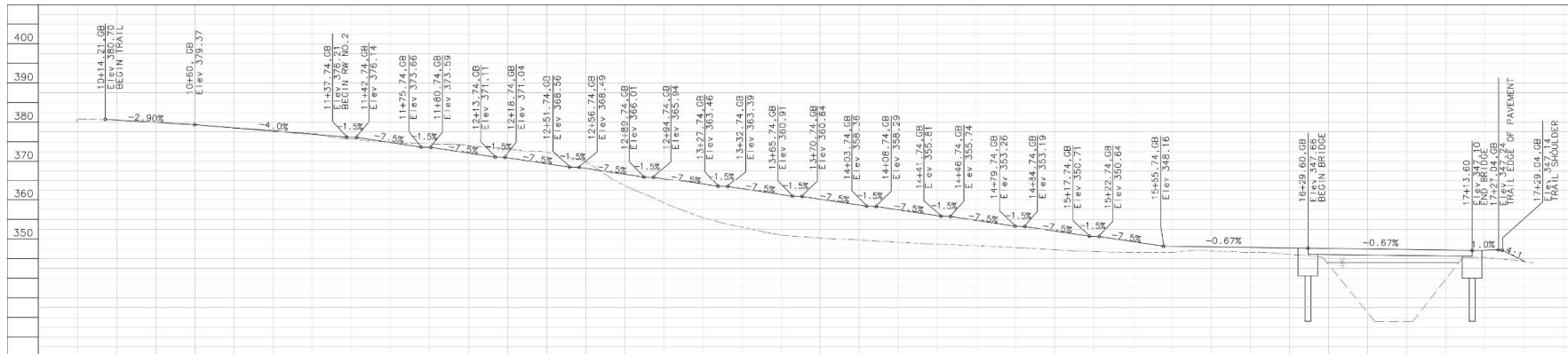
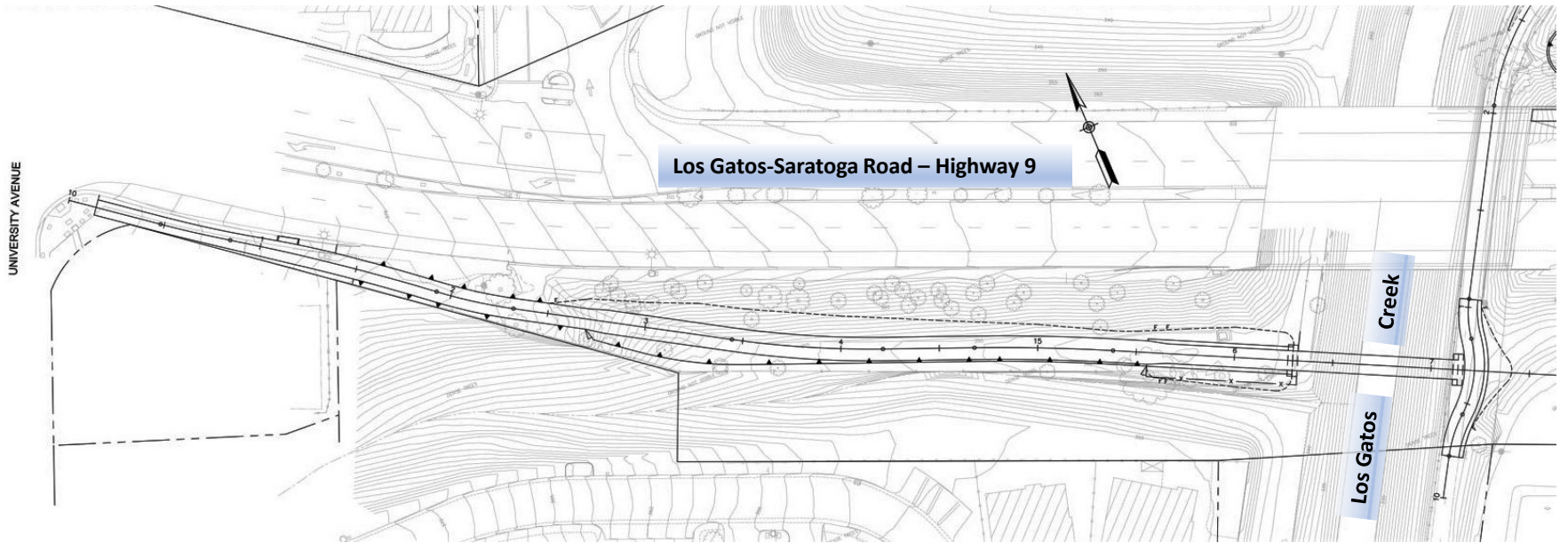
Action Items To Date

- Environmental studies completed
- Further documentation and identification of existing trees and vegetation
- Soils sampling
- Continued coordination with Valley Water/Caltrans re: long standing property rights issue
- Monthly project development team meetings with Caltrans – biweekly project team meetings

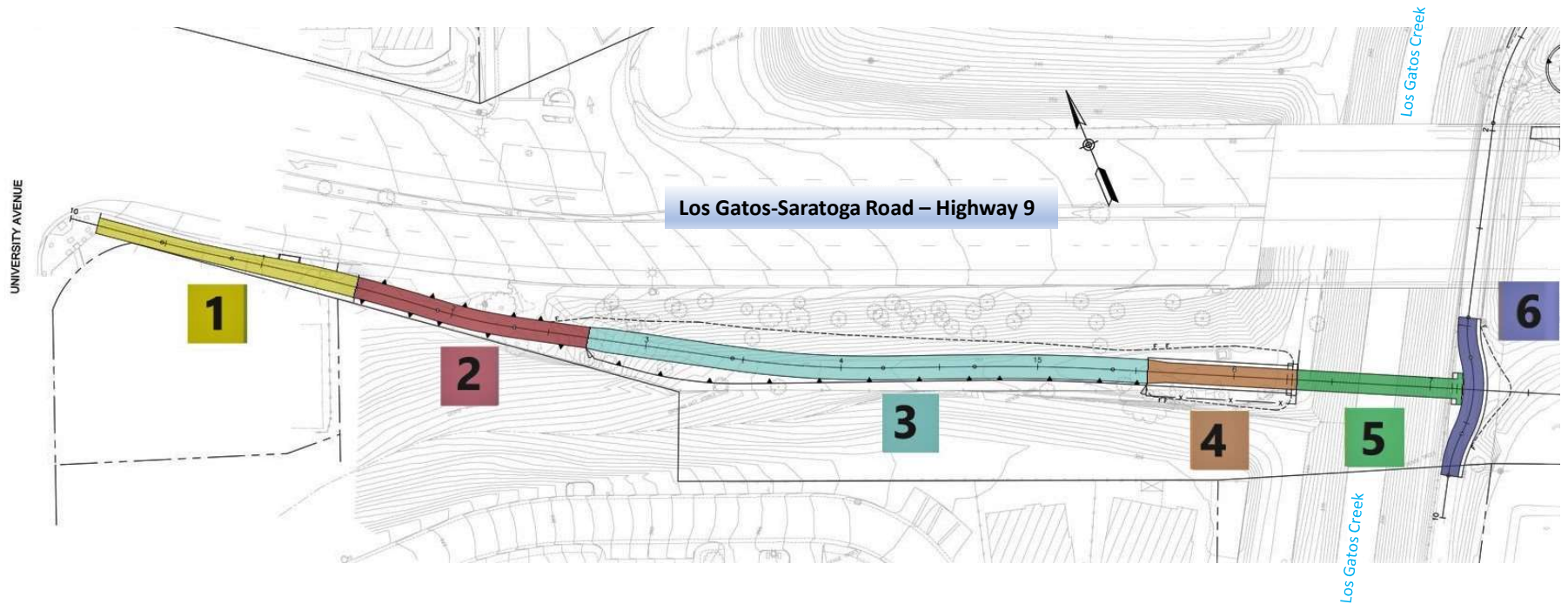
Aerial View – Trail Connections



Current Layout – South Side Highway 9

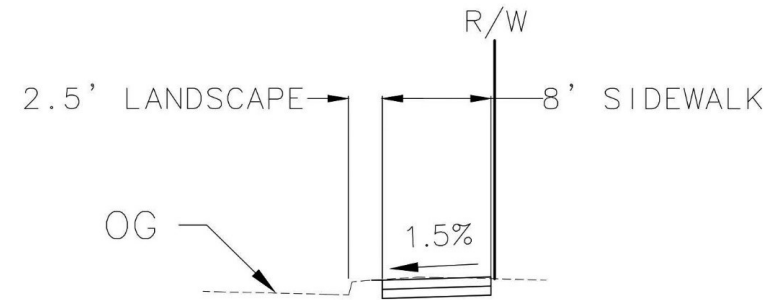
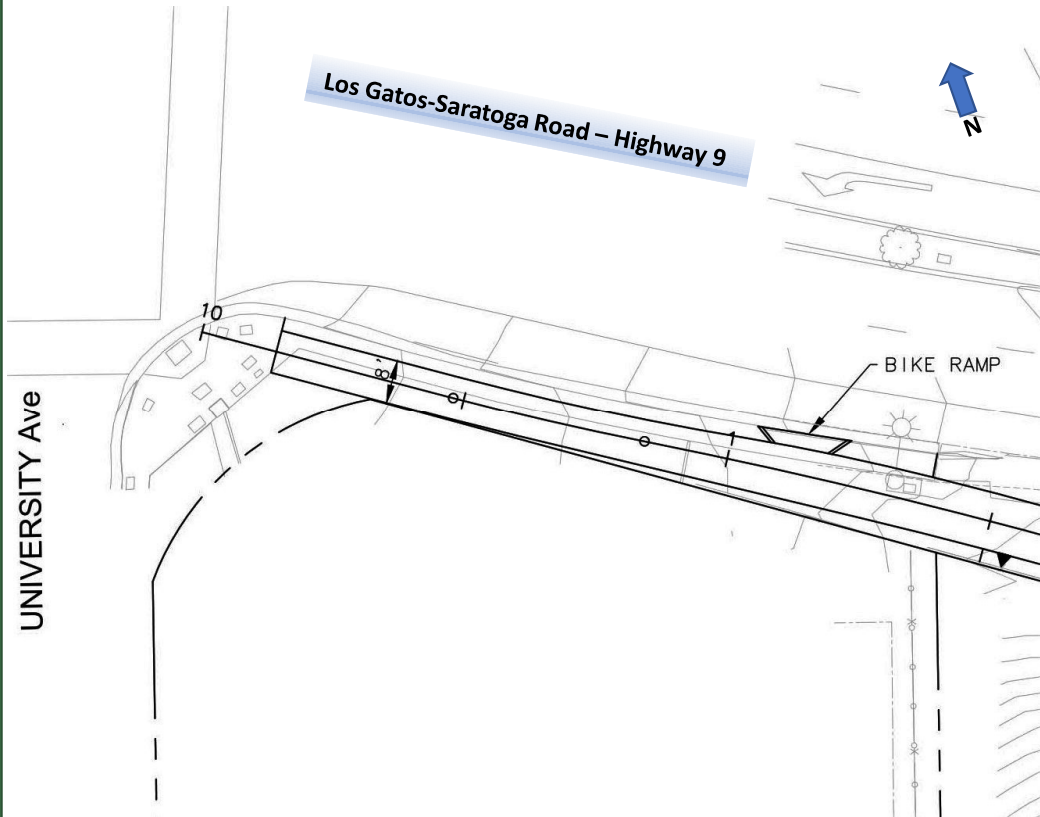


Segmented Layout – South Side Highway 9



Trail Segment #1 University Ave – 135' east

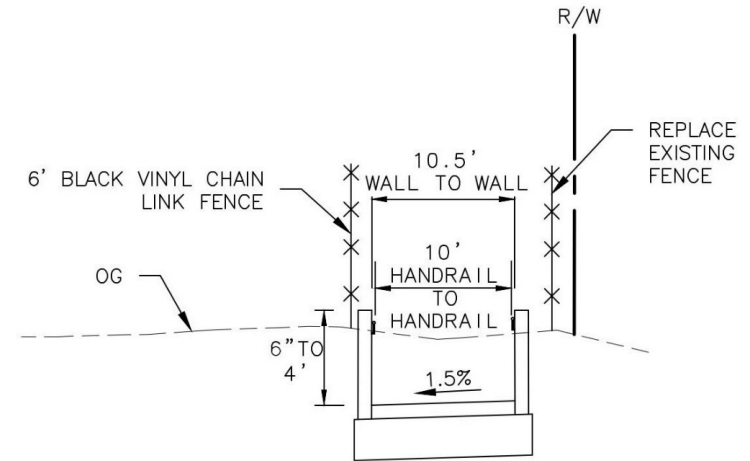
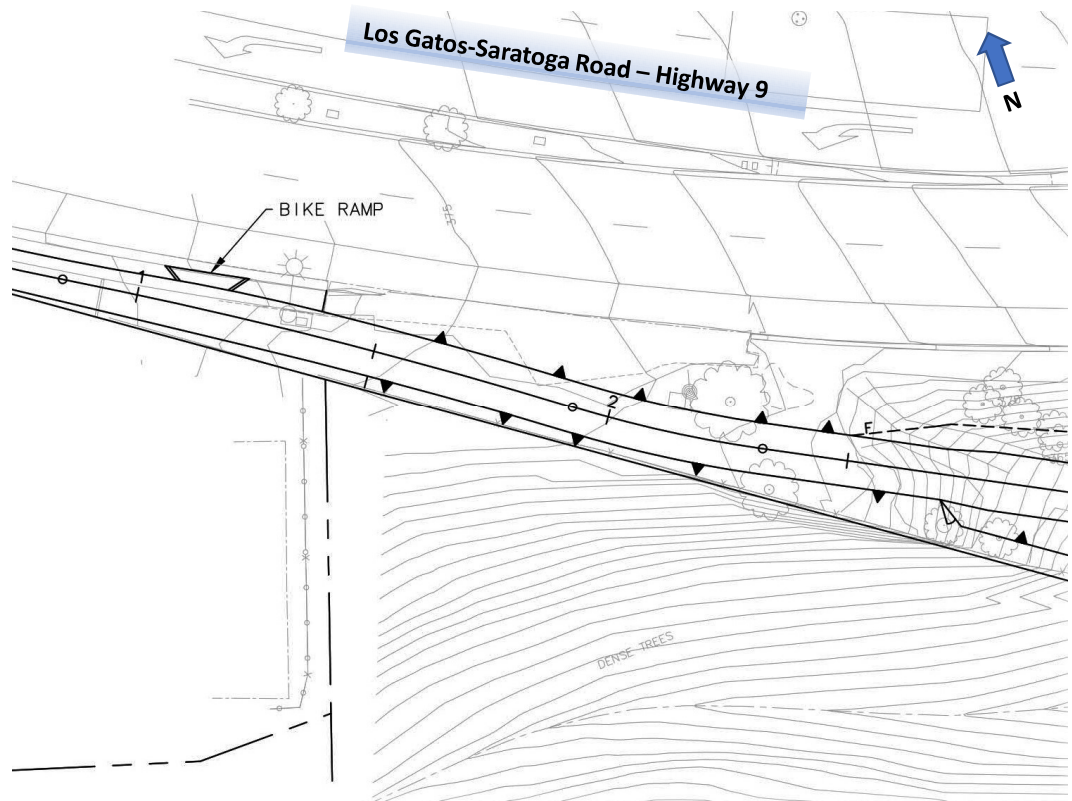
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- First 135' of new trail
- At grade trail
- 8' wide concrete pathway



Trail Segment #2 – 120'

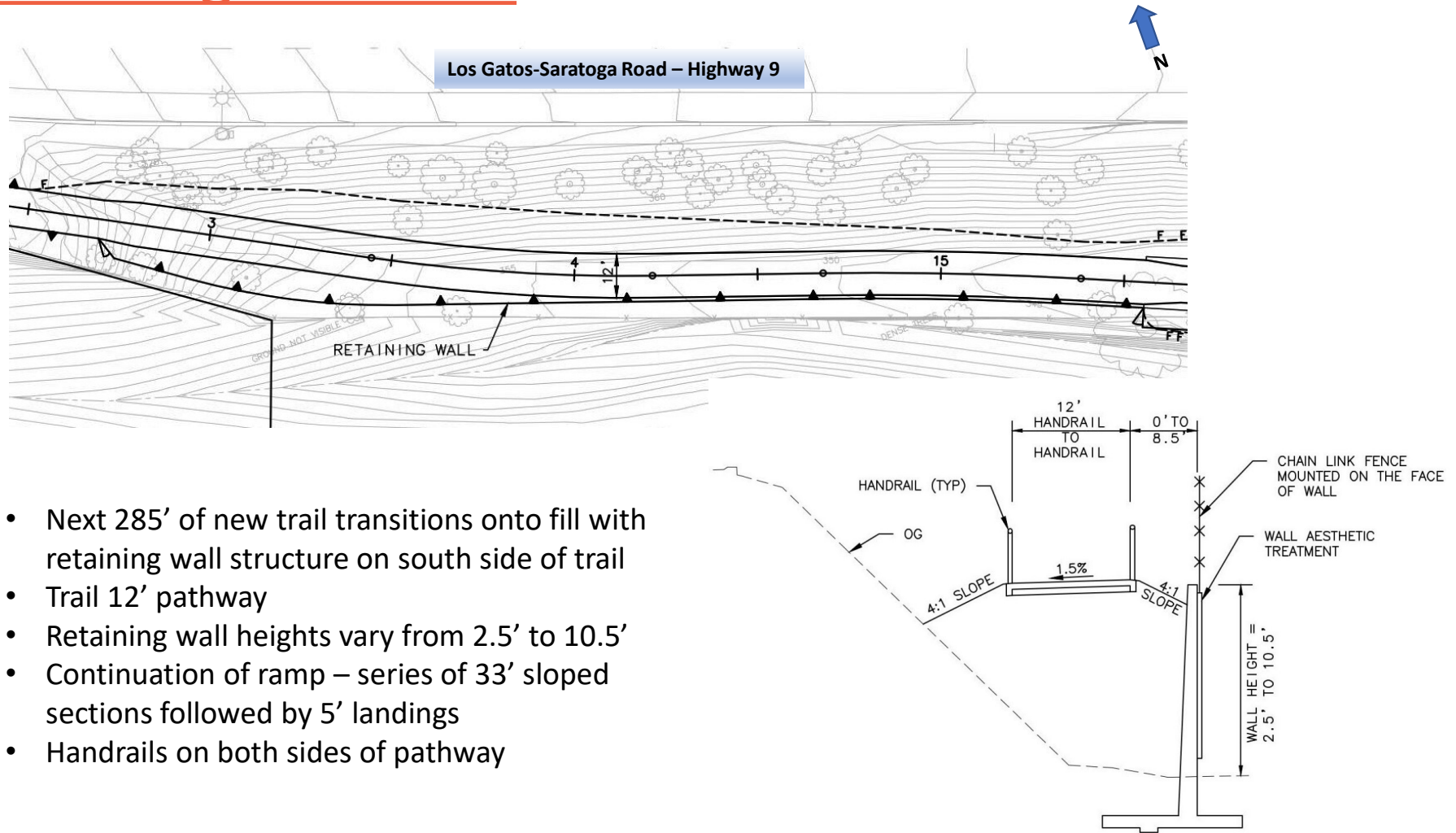


Begin Ramp – 33' @ 7.5%, 5' landings



- Next 120' of trail transitions to below grade
- Trail 10.5' with retaining structures on either side – “U channel”
- Side structures vary in height from 6”-4’
- Beginning of ramp
- Handrails on both sides

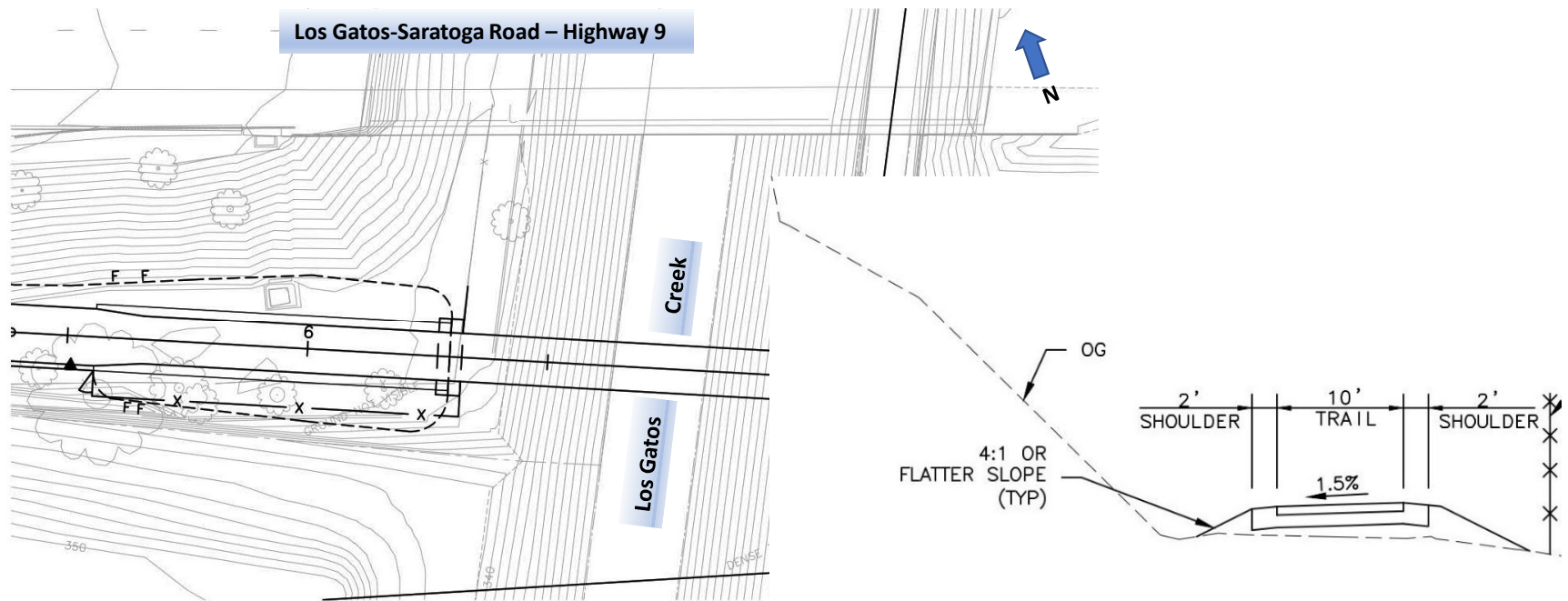
Trail Segment #3 – 285'



- Next 285' of new trail transitions onto fill with retaining wall structure on south side of trail
- Trail 12' pathway
- Retaining wall heights vary from 2.5' to 10.5'
- Continuation of ramp – series of 33' sloped sections followed by 5' landings
- Handrails on both sides of pathway

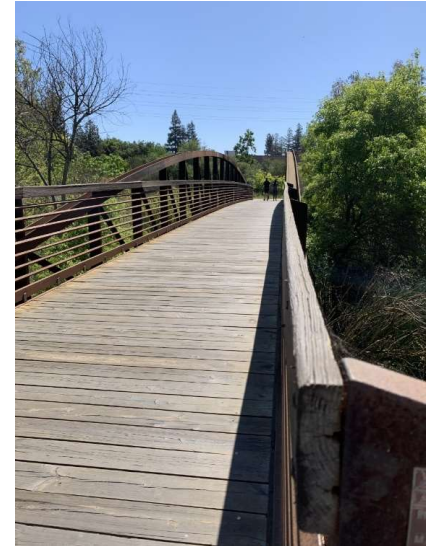
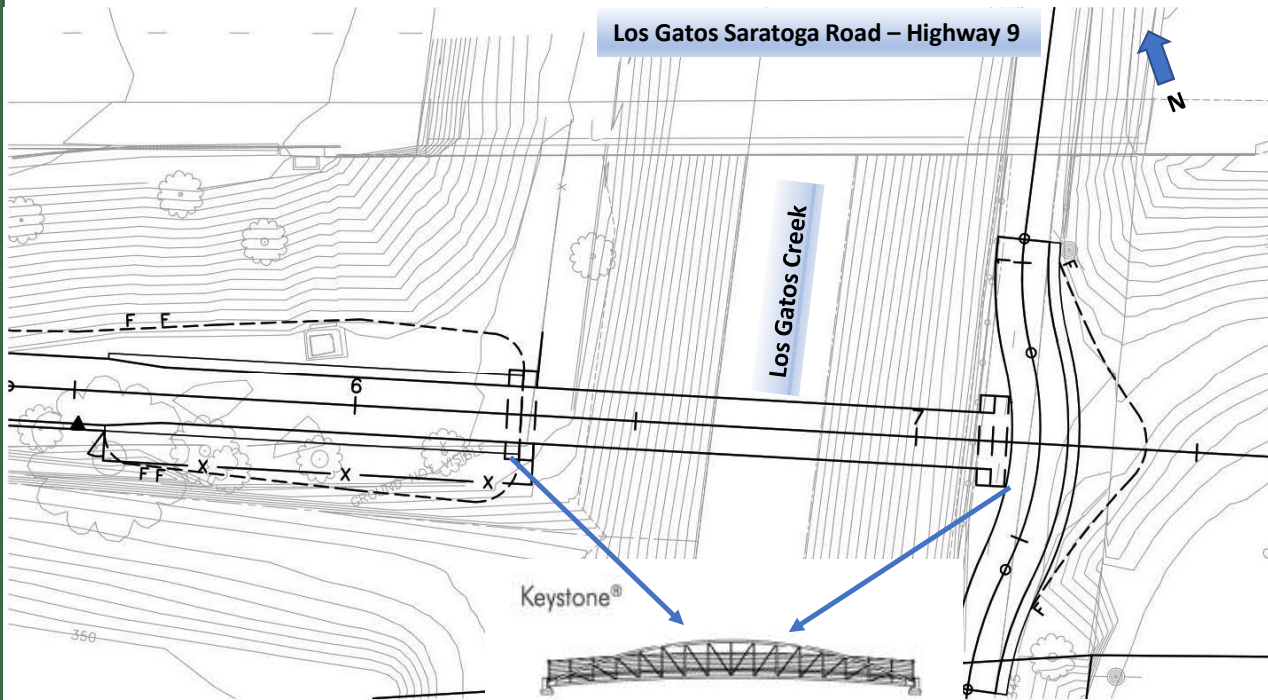


Trail Segment #4 – 75' leading to bridge



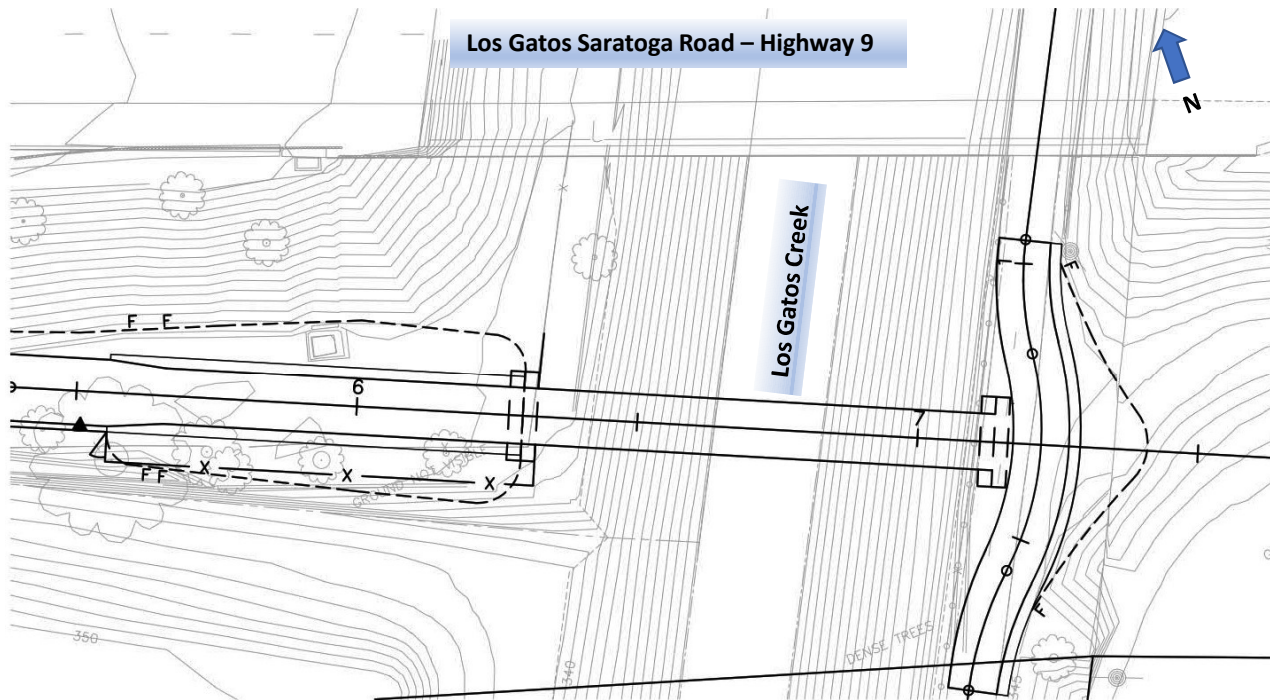
- Next 75' – leading to new bridge
- Trail flattens out
- At grade 10' pathway with 2' shoulders on either side
- No handrails needed

Trail Segment #5 – Prefabricated Bridge



- Arched prefabricated bridge
- Matches existing LGCT pedestrian bridges (Campbell Park, Camden Avenue)
- 85'-6" long, 10' wide
- Concrete bridge deck

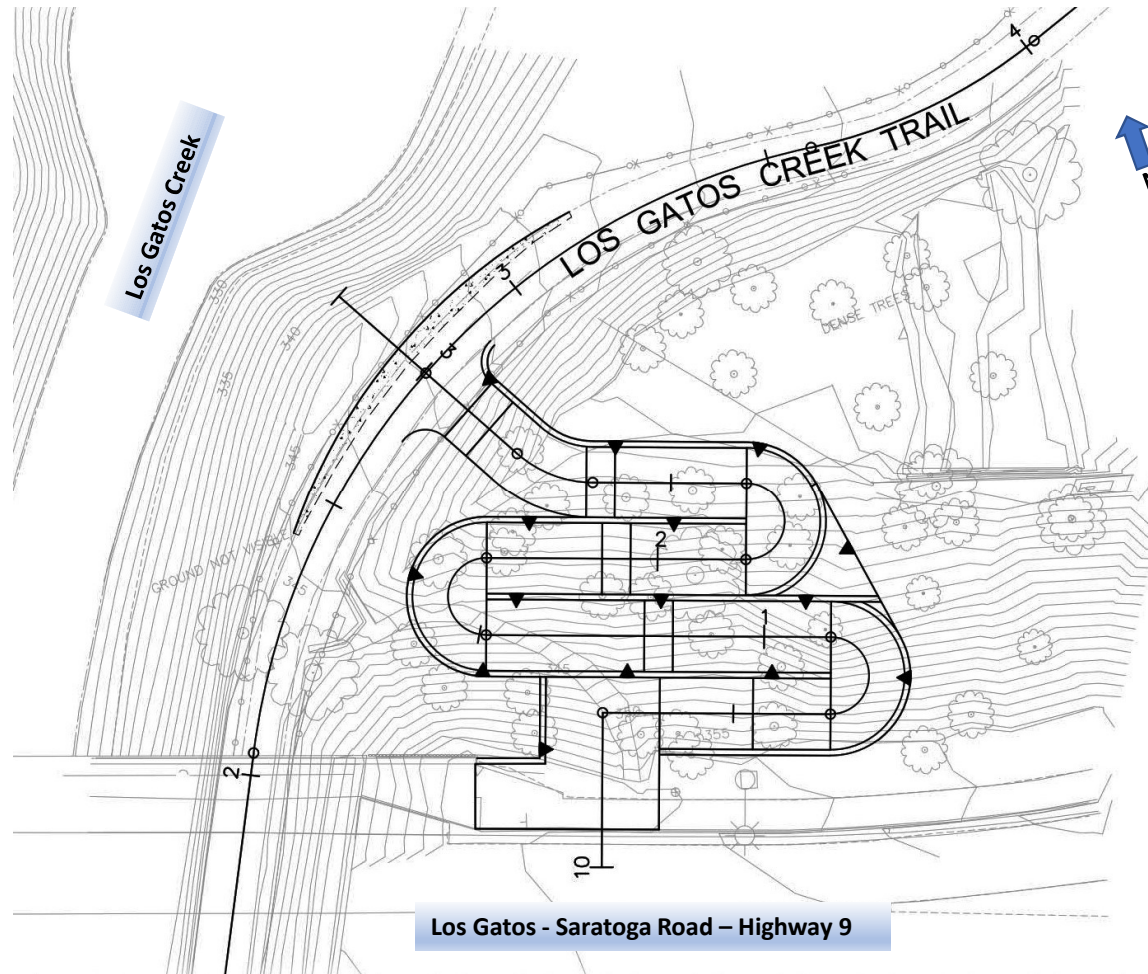
Trail Segment #6 – Intersection w/LGCT



- Existing LGCT raised and realigned to meet new bridge
- Trail moved easterly for intersection
- 10' wide asphalt trail for new intersection area

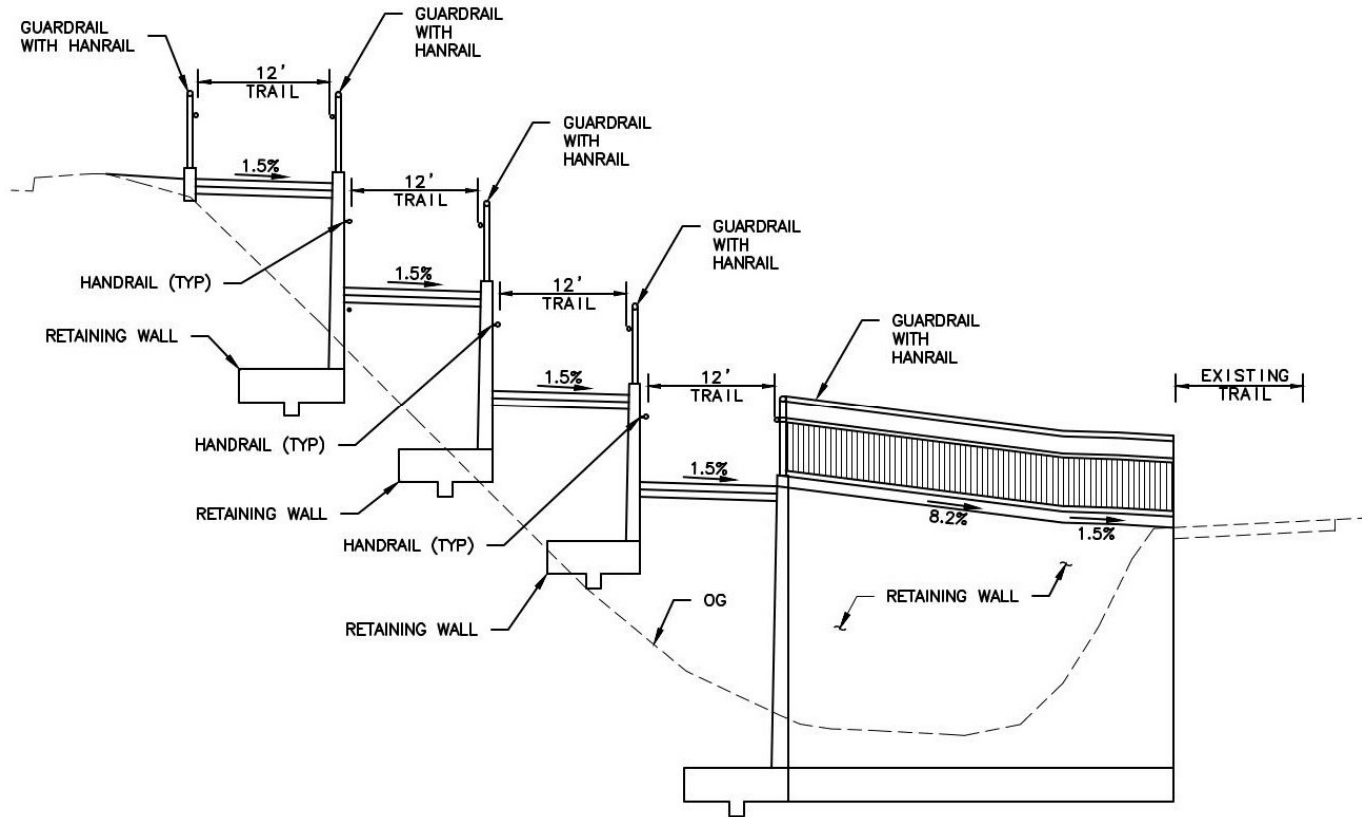


Current Layout – North Side Highway 9

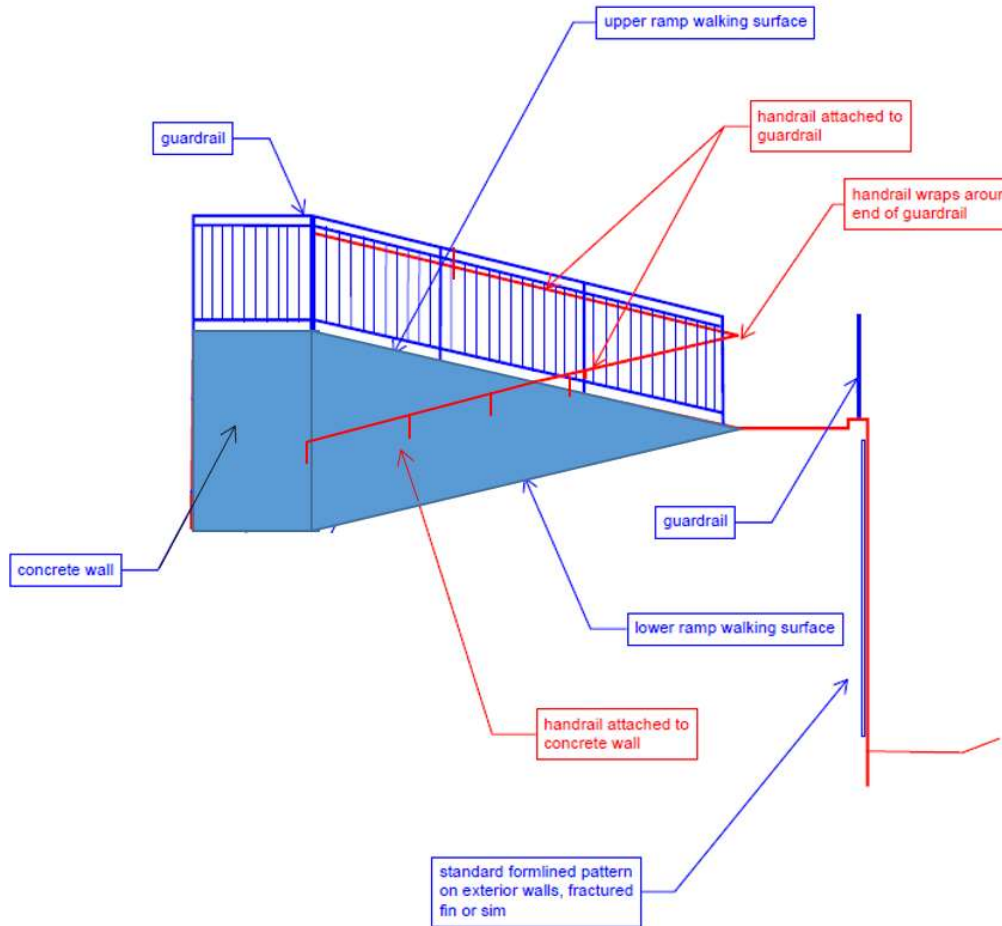


- Pedestrian only
- Switchbacks parallel to Los Gatos Saratoga Road
- Entry point further west away from Hwy 17 off ramp
- Switchback trail 12' wide concrete pathway
- Proposed trail widening at connection to LGCT
- Ramp with handrails on both sides

Cross section – North Side Highway 9



Northside – Pedestrian Switchback Structure Guardrail Treatment

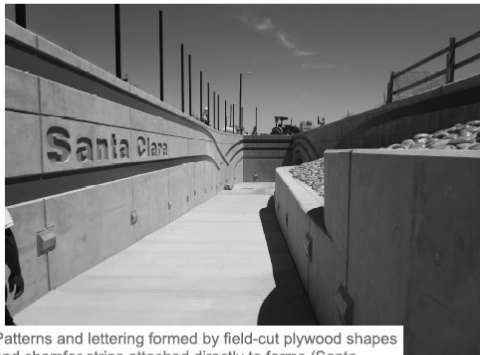


Proposed Guardrail for north ramp structure. Photos from Los Gatos Creek Trail at Vasona Dam



Northside – Pedestrian Switchback Structure Potential Interior Retaining Wall Treatment

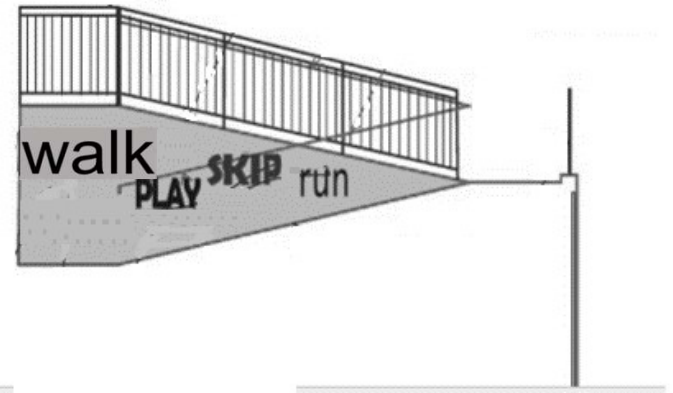
Examples for Pedestrian Face of Walls Along Ramps



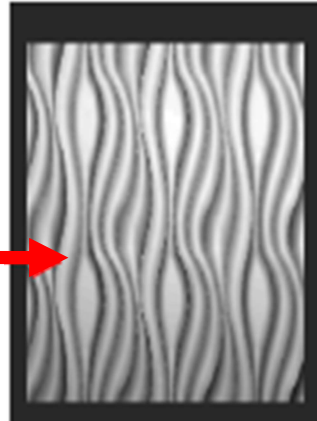
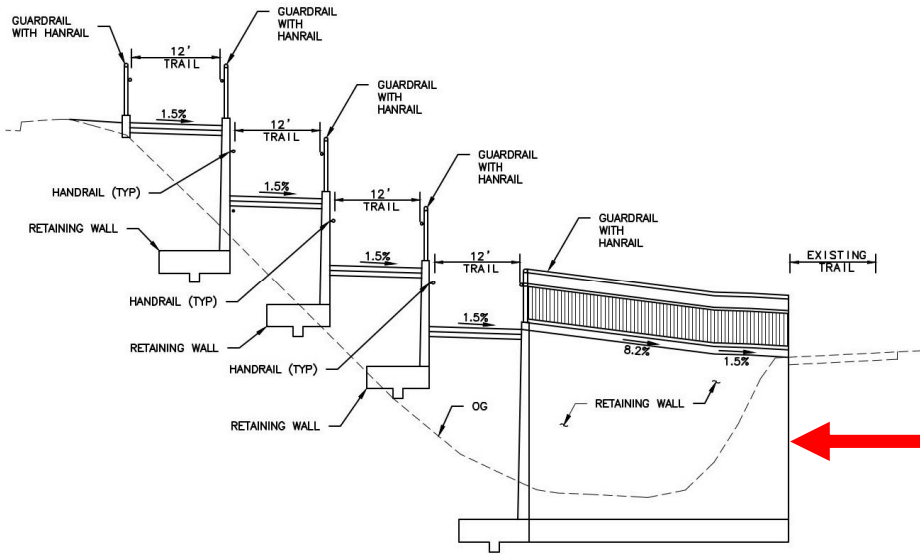
Patterns and lettering formed by field-cut plywood shapes and chamfer strips attached directly to forms (Santa Clara Caltrain Station). Since shapes are field cut from plywood, any shape can be used. Edges are beveled to improve finish at corners



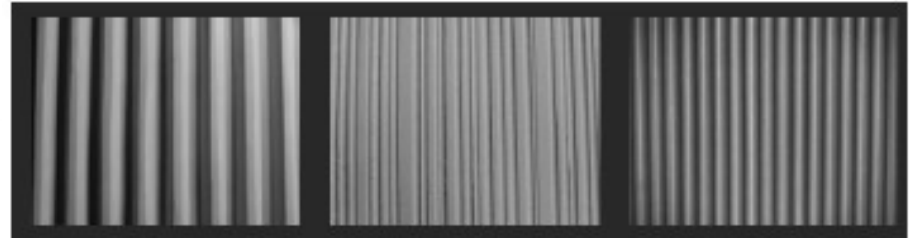
Finish prior to concrete finishing and painting



Northside – Pedestrian Switchback Structure Potential Exterior Retaining Wall Treatment

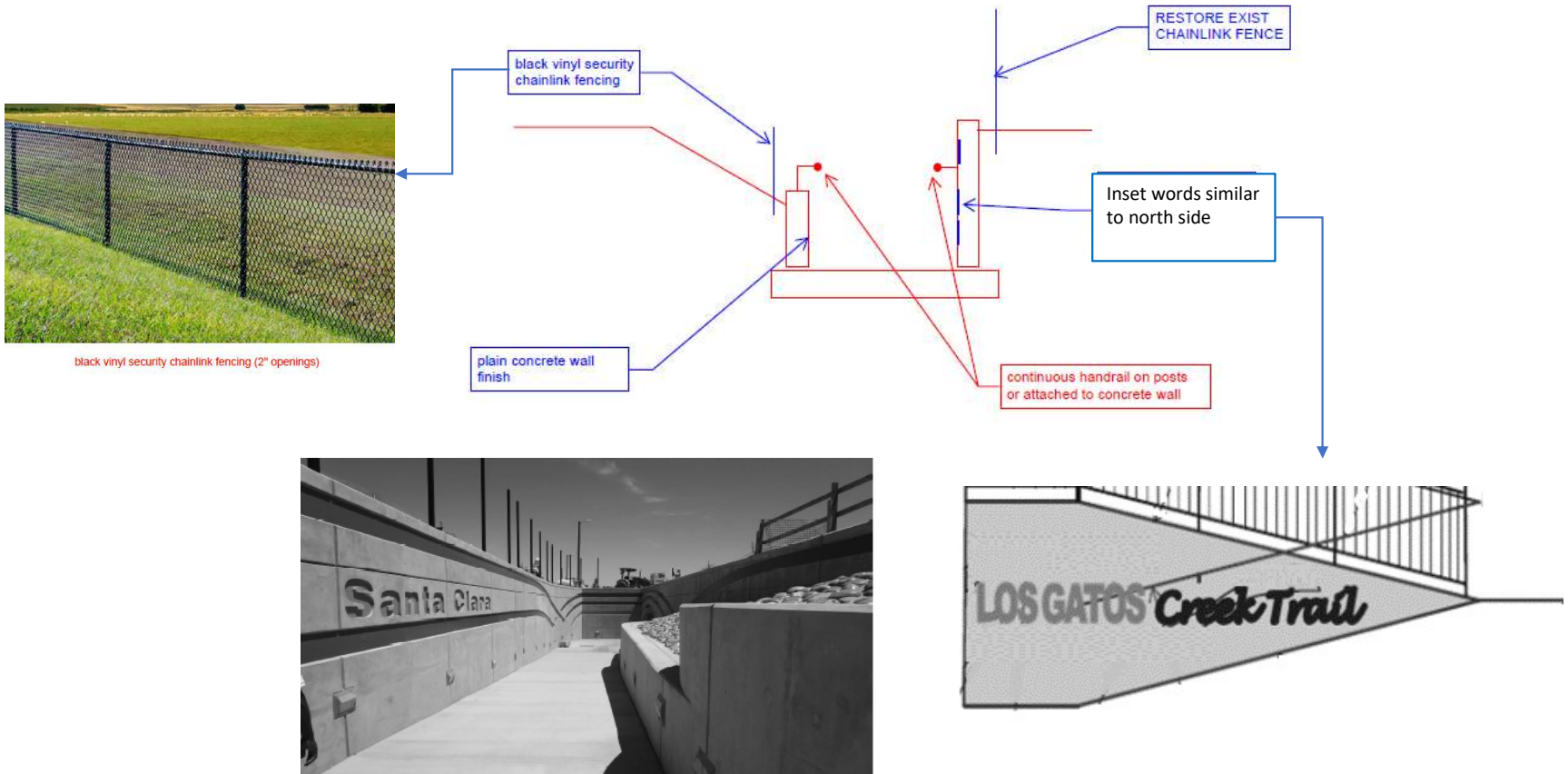


Recommended Option:
Simulated Wave Pattern



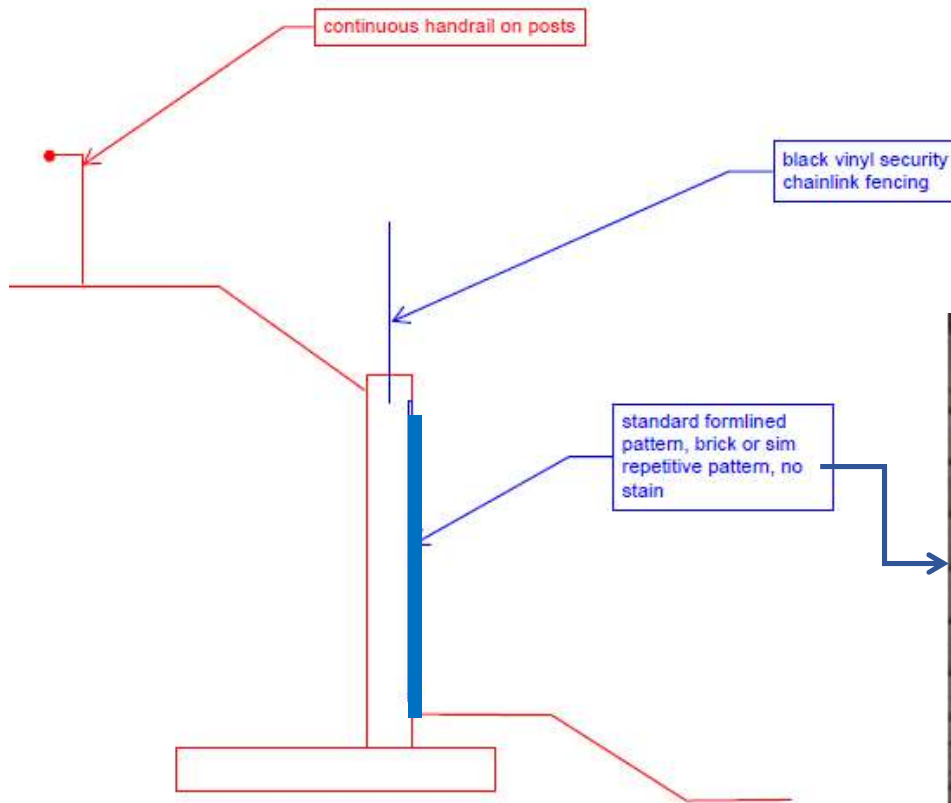
Potential Alternatives: Fractured Fin Patterns

Southside – Segment 2 - “U” Channel Interior Retaining Wall and Fencing Treatments



Southside – Segment 3

Potential Retaining Wall and Fencing Treatments



plain concrete border simplifies construction, reduces cost and improves finish at panel edges, wall edges and vertical wall joints

Proposed Trail Signage/Pavement Markings

Pavement markings for new trail sections to be consistent with existing trail signage

- Yellow dashed centerline
- 7 MPH /reduce speed signs ahead of new trail connections
- Walk Your Bike for northside switchback structure
- Wayfinding signage
- Additional warning signs and markings as required



Anticipated Tree Removals

Southside

- 12 trees anticipated to be removed
- Layout designed to minimize necessary tree removals



Northside –

- 25 trees anticipated to be removed.
- Will attempt to retain existing large oak tree at LGCT



Current Project Schedule – Next Steps

Milestone	Anticipated Completion
Community Meeting #2	April 29, 2021
Caltrans Documentation of CEQA/NEPA	April 30, 2021
95 % Design complete	August 2021
Council Considers Final Design	October 2021
Caltrans PEER Approval	December 2021
Advertise & Award Construction Contract*	January/February 2022
Construction Completion*	April 2023

*Pending Construction Funding



Project Updates

- Los Gatos Creek Trail to Highway 9 Trailhead Connector Project webpage www.LosGatosCA.Gov/LGCTHwy9
- Sign up for the “Notify Me” services to be notified by e-mail or text each time the project page is updated.
- Connect Los Gatos Projects www.LosGatosCA.Gov/ConnectLG
- Tonight’s presentation will be uploaded onto the project page
- Submit additional questions or comments anytime via e-mail to Mquinney@LosGatosCA.gov

Questions???

Comments???



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