



In Santa Cruz County, in the city of Felton, on State Route 9, between Kirby Street and San Lorenzo Valley High School.

State Route (SR) SR 9 Post Mile 6.3-7.2





BEGIN

CONSTRUCTION

PM 6.3

STAGES OF HIGHWAY DEVELOPMENT **RIGHT-OF-WAY** Need **PERMITS & STUDIES** PROJECT INITIATION PS&E CONSTRUCT Identified (FINAL DESIGN) **PROJECT** \$ NEED PROJECT INITIATION PERMITS & STUDIES RIGHT OF WAY Proje R/W Phase Project PID Phase **PA&ED Phase** EA 2-Phase (Support) EA K-Phase EA 0-Phase EA 9-Phase (Capital) Need 2 100.25 100,10 De Project Management - PA&ED Phase Project Management - PID Phase Approved Project Management - R/W Phase 220 Ve Land Net & Right of Way Maps, Acquisition Documents, Deed Packages, & Revisions 150.05 **Environmental Scoping** Final R/W Engineering Define the Problem opment R/W Appraisals 245,55,05 165.10 150.10 225.55.10 R/W Appraisals Ď **Environmental Studies** Develop the Alternatives R/W Acquisition 165.10.55 - Draft Relocation Impact Doc) 245,55,10 (150,15,05 - R/W Data Sheet R/W Acquisition 225.55.15 Prepared) 165.15 U R/W Relocation Assistance 245,55,15 **Biological Studies** S 150.15 S 225.55.20 R/W Relocation Assistance П upport 165.20 Analyse Alternatives 245.55.20 П **Cultural Resource Studies** R Regular R/W Clearanc 225,55,25 165.26 (If Applicable) 245,55,25 Preliminary Environmental **Draft Environmental Document** R/W Condemnation Evaluation 175.05 200 150.25 Circulate DED Prepare PID O 175.10 Š R/W Property Management Hold Public Hearing 195.45 175.15 Excess Land Sal Respond to Public Comments Final R/W R/W Certification Requirements R/W Project Close-out or Final Vouche 175.20 Select Preferred Alternative PS&E (FINAL DESIGN) CONSTRUCT PROJECT Construction Phase Final Environmental Document (FED) **PS&E Phase** (180.10.15 - Final Relocation Impact Doc) Program EA 3-Phase (Support) **LEGEND** EA 1-Phase 180.15 Project EA 4-Phase (Capital) Environmental Close-out 100.15 Project Management - PS&E Phase Project Management - Construction Phase Engineering Studies 180.05 v 190, 210, 215, 240, & 250 (160.30.15 - Obtain REs, Project Repor Component of the 160.10.40 - Update R/W Data Sheet Structures Plans, Design, and PS&E 260 Construction Engineering & Contract Administration 185 160.10.45 Utility Locations Determined for Prelim Eng) Contract Project Life-cycle Base Maps & Plan Sheets 160.15 **Documents** ammed (185,20,40 Utility Locations Determined for Design Prepare & Administer CCOs Draft Project Report 230 Draft PS&E Resolve Contract Claims 160.20 WBS TASK 265 Final PS&E PS&E Advertise, Open Bids, Award & Approve Contract Land Net Mapping Final Construction Estimate & Report ROJECT MILESTONE Obtain Permits, Agreements, & Route Adoptions Approve Contract 235 August 7, 2006 Mitigate Environmental Impacts & Clean-up HW (235.05.20 Environmental Mitigation R/W Work, 235.10.05 Right or Permit for HW Site Investigation) PAED **End Project**

Current project phase:

Project Approval and Environmental Document (PA&ED)

Next Phase:

Plans Specifications and Estimate (PS&E)

When is the project scheduled to be constructed?

Preliminary begin construction date is Spring 2025

Purpose:

The purpose of this project is to enhance pedestrian access and safety along the corridor.

Need:

Deficiencies in pedestrian access and facilities exist within the project between Graham Hill Road and the San Lorenzo Valley School complex.

Project Initiation:

This project was initiated in the Fall of 2019 through the Caltrans Safety Program.



Begin Potential Pedestrian Improvements



Downtown Felton on SR 9
Looking North At Graham Hill / Felton Empire and SR 9

Project Challenges:

- ♦ Environmental issues
- Utility relocations
- Constrained topography and adjacent residences requiring property acquisition
- ♦ High volumes of traffic and large percentage of trucks
- Drainage issues
- ♦ Existing retaining walls / steep adjacent slopes

Adjacent existing downslope driveways create challenges



Northbound side of SR 9

Adjacent existing walls create challenges



Southbound side of SR 9

Adjacent existing walls create challenges



Southbound side of SR 9



Adjacent residential parcels and utilities create challenges

Southbound side of SR 9



Adjacent existing walls create challenges



Southbound side of SR 9

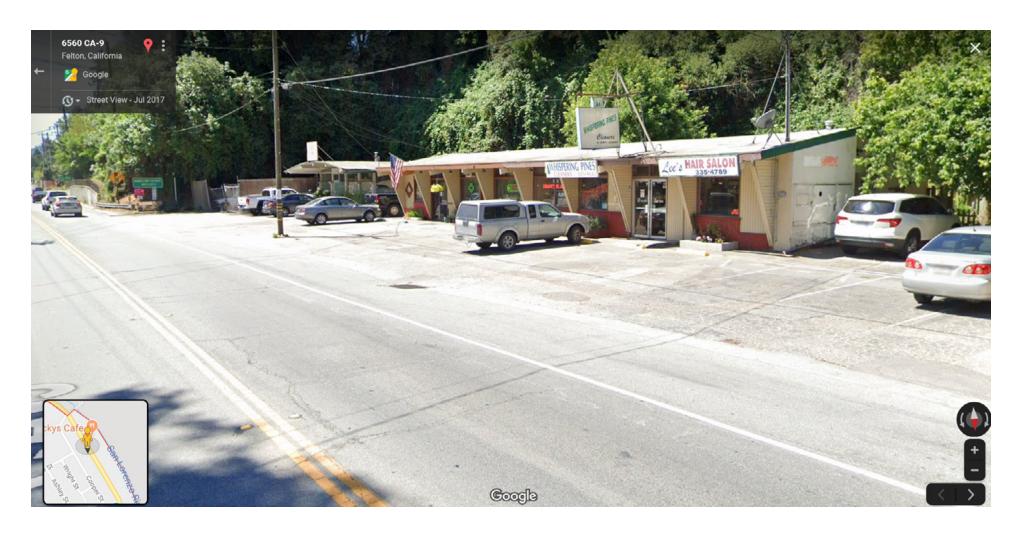
Adjacent driveways



Southbound side of SR 9

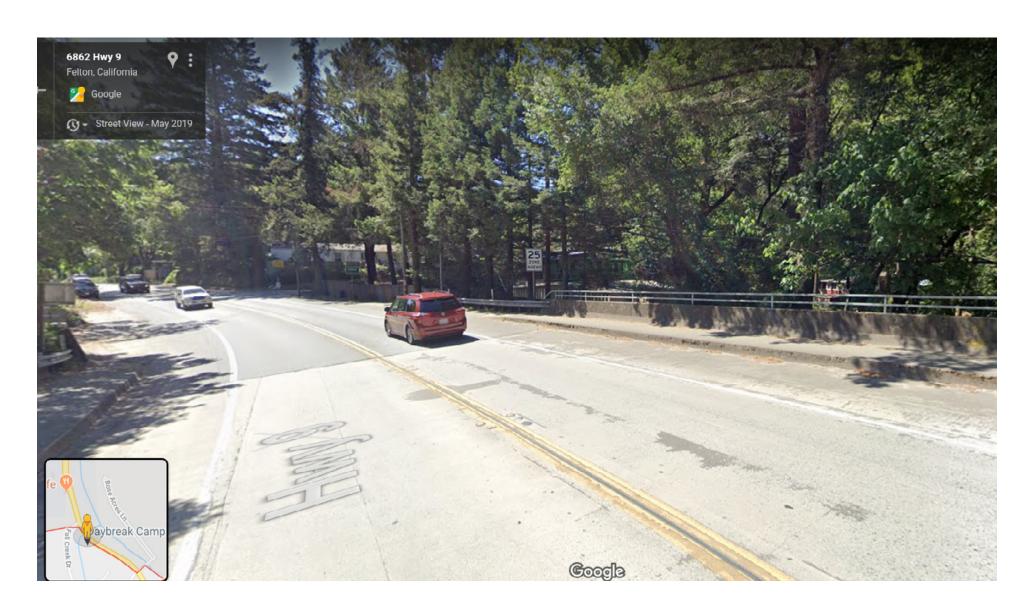


Adjacent businesses



Southbound side of SR 9

Existing sidewalk at Fall Creek Bridge



Preliminary Build Alternative:

This project will construct pedestrian improvements on the southbound side of State Route 9 from the (SLV) San Lorenzo Valley Schools Complex with safety program funding towards the intersection of Graham Hill / Felton Empire Road. Exact limits of pedestrian improvements will be finalized in the Project Approval and Environmental Document phase (PA&ED). This project will widen the southbound shoulder on State Route 9 to 4 feet adjacent to any sidewalk improvements and construct a 4-footwide to 6-foot-wide sidewalk.

Signage and/or rapid flashing pedestrian beacon improvements will be evaluated for the project between postmiles 6.30 and 6.45. Detailed proposals for this location will be developed during PA&ED.

A signalized flashing beacon pedestrian crossing may also be added if the sidewalk improvements between the SLV School Complex and Graham Hill Road are not contiguous and if appropriate. These design details will be further evaluated during the PA&ED phase of the project.

Why not add sidewalk to the northbound side?

Widening on the northbound side was considered.

There are more existing residences and businesses on the northbound side and many are below the highway with steep driveways. Widening to this side would require multiple full right-of-way parcel acquisitions due to the inaccessible condition it could create for the residences and/or businesses. Multiple large fill retaining walls would also be required along this side of the highway.

Can the number of traffic lanes be reduced to accommodate the pedestrian improvements?

At this time it appears that the left turn pocket for southbound traffic turning on to San Lorenzo Way can be removed to provide further room for pedestrian improvements. Additionally, the southbound right turn lane at Graham Hill Road / Felton Empire Road will be reduced in length to accommodate the pedestrian improvements.

The potential removal of the 2nd southbound traffic lane north of the Graham Hill Road / Felton Empire Road intersection will continue to be studied during the next project phase. Preliminary investigation indicates the traffic volumes and truck volumes are too high to warrant the lane's removal.

In Review - project phase

(PID) Project Initiation Document (Completed June 2020)

Current Phase

Preliminary Design, Preliminary Environmental Scoping

What's Next?

During PA&ED, preliminary design and environmental studies will be completed and topographic surveys conducted.

During PS&E, final design specifications and cost estimations will be developed

When is the project scheduled to be constructed?

Preliminary begin construction date is Spring 2025

Project Funding:

Project is funded under the Caltrans Safety Program.

Current Project Cost Estimate:

Approximately \$7 Million (includes Right-of-Way and Utilities)