

Canyon Road Bridge Replacement Project

Community Meeting No. 1

October 15th, 2014

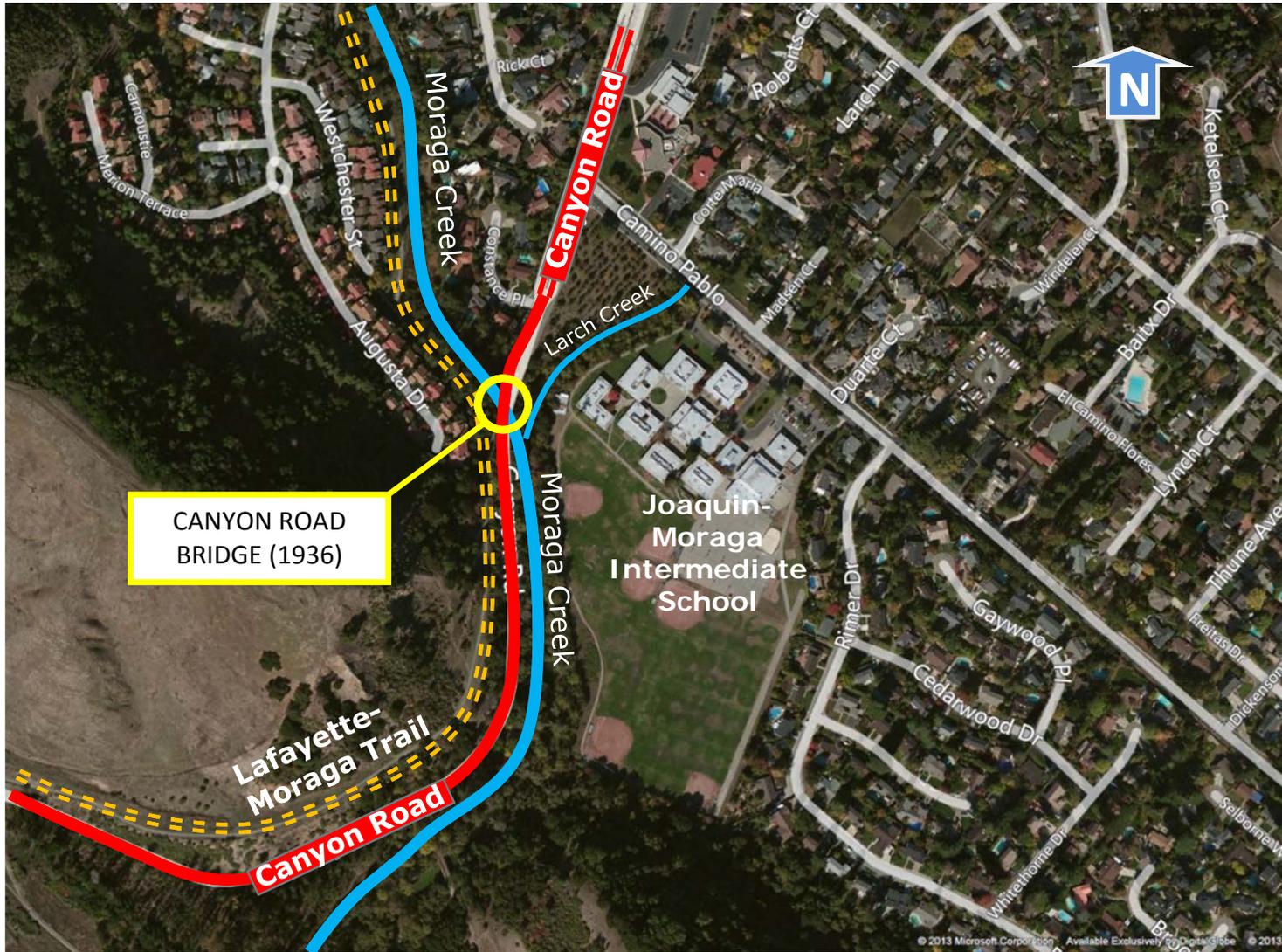
Meeting Agenda

- Welcome and Introductions
Edric Kwan, Public Works Director/Town Engineer
- Meeting Purpose
- Project Background
- Project Status
- Proposed Project
- Next Steps
- Questions and Comments
- Feedback Cards

Meeting Purpose

- Educate the community about the Canyon Road Bridge Replacement Project
- Solicit community feedback on the proposed project

Project Background



Project Background



Project Background



Project Background

- Bridge Inspected by Caltrans on a biennial basis
- Due to structural and functional deficiencies (deck condition and width), eligible for funding under the federal Highway Bridge Program (administered by Caltrans)
- Town of Moraga eligible to apply for HBP grant funds
- Town of Moraga secured project funding (88.53% HBP grant, 11.47% Local match from CCTA)
- Authorization to Proceed in May 2014

Project Background

Estimated Construction Cost = \$2.6M

Construction Funding:

- Federal Funds = \$2.3M
- Local Match (CCTA) = \$300k

Project Background

Key Stakeholders:

- Caltrans
- Contra Costa County
- Contra Costa County Transportation Authority (CCTA)
- EBMUD
- East Bay Regional Park District
- Emergency Services (Fire, Police, Sherriff)
- Moraga School District

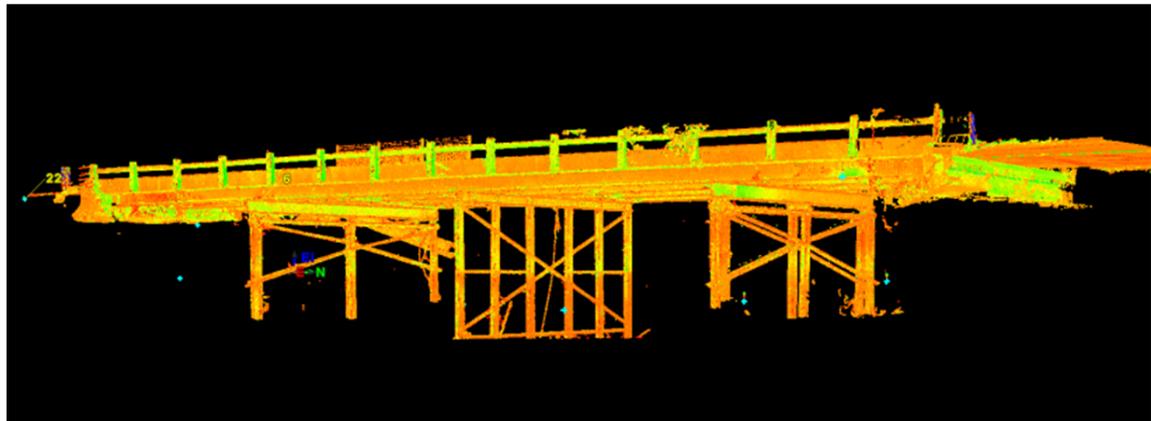


Project Status

- Town is currently conducting a process that includes:
 - Performance of Preliminary Engineering
 - Identification and study of potential environmental impacts (visual, wildlife, trees, noise, traffic) and related mitigations
- Prior to beginning environmental studies, alternatives that are not feasible have been eliminated to control cost and avoid delays

Project Status

- Preliminary Engineering Activities:
 - Topographic Survey
 - Geotechnical Investigations (Foundations)
 - Traffic Study (Construction Impacts)
 - Hydraulic Study (Creek Flood Elevations)
 - Bridge Type Selection



Project Status

Environmental Clearance

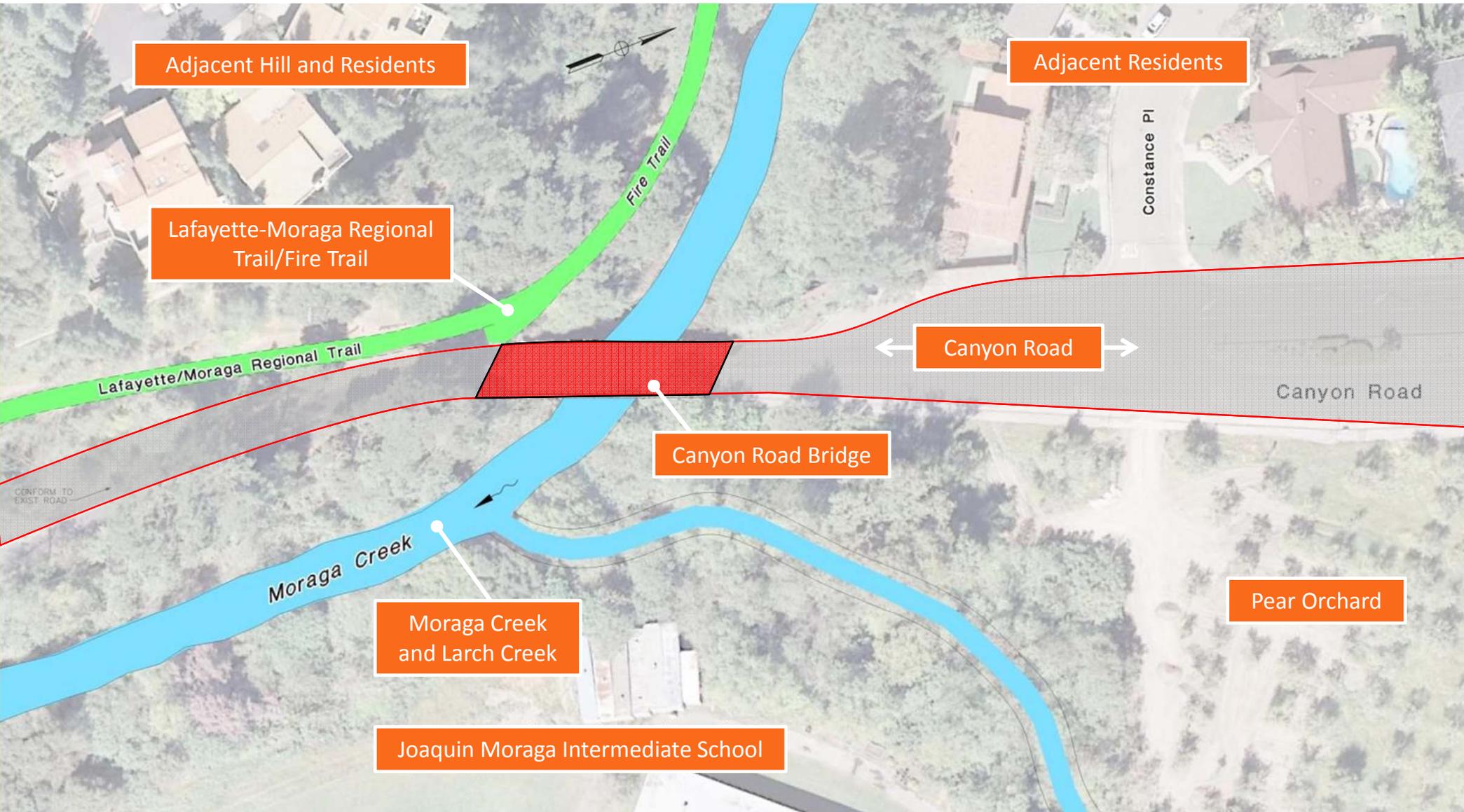
- Subject to NEPA and CEQA environmental clearance
- Caltrans is lead agency for NEPA
- Town is lead agency for CEQA

Regulatory Permitting

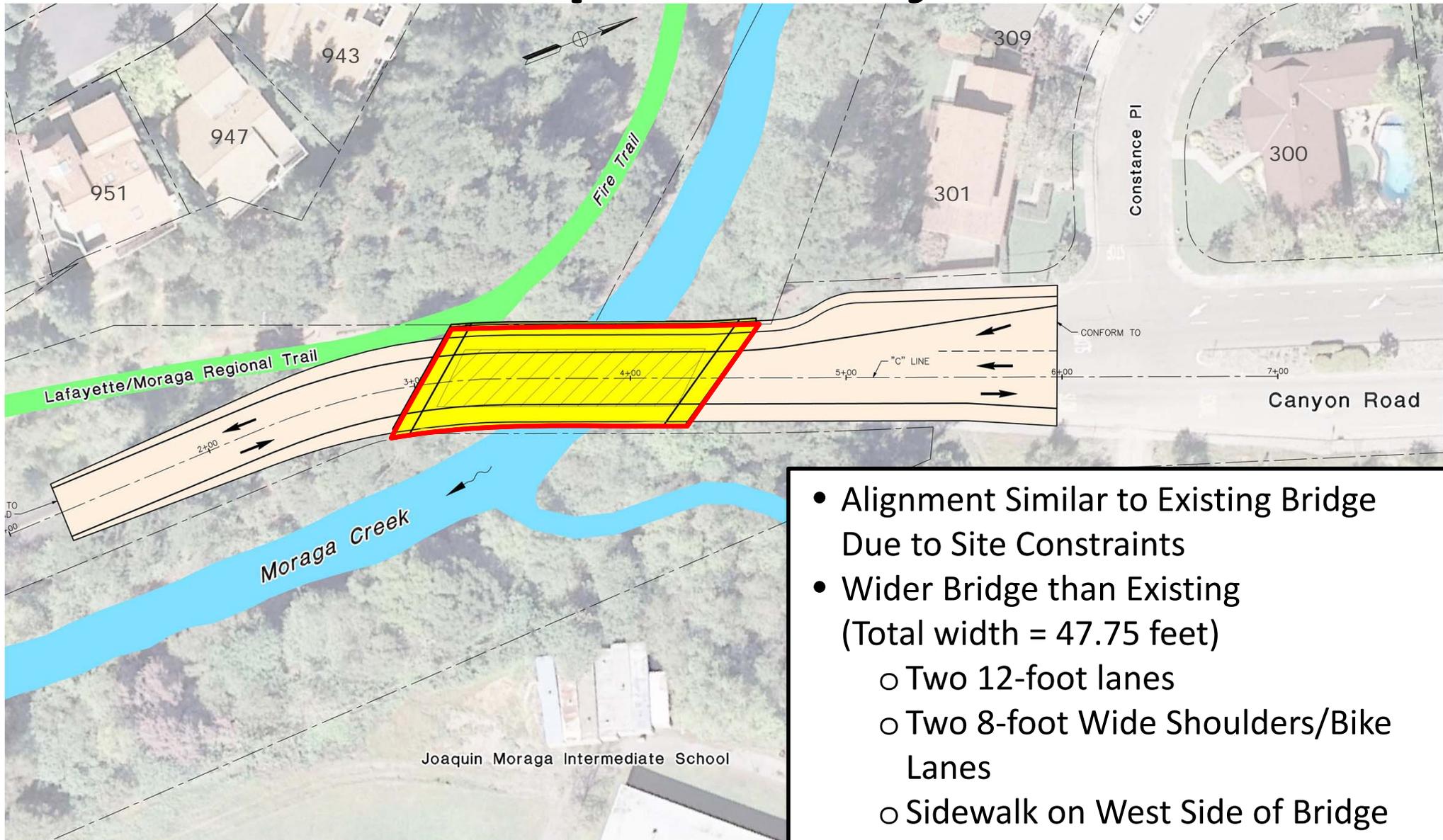
- United States Army Corps of Engineers
- California Department of Fish and Wildlife
- Regional Water Quality Control Board



Existing Site Features

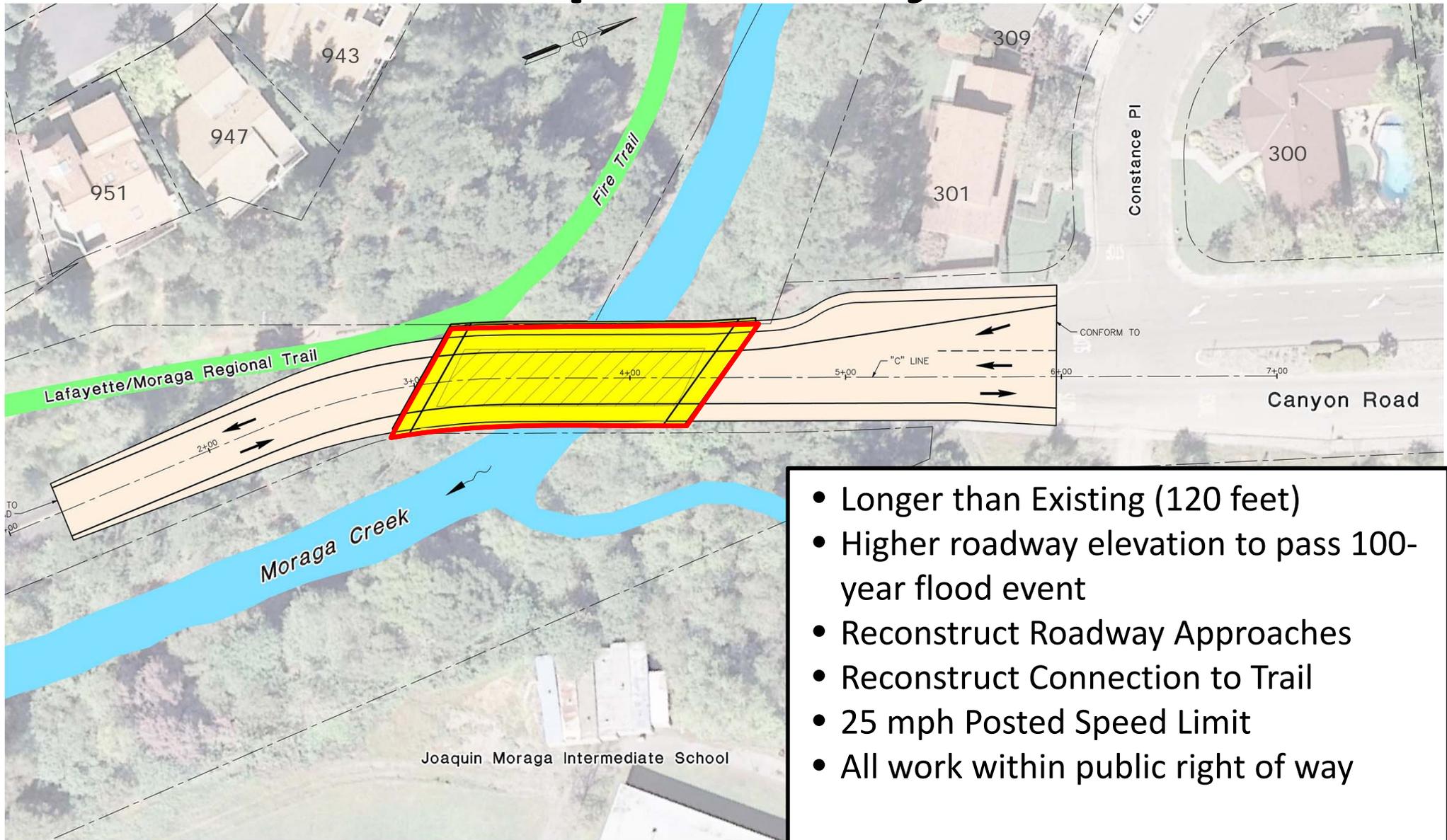


Proposed Project



- Alignment Similar to Existing Bridge Due to Site Constraints
- Wider Bridge than Existing (Total width = 47.75 feet)
 - Two 12-foot lanes
 - Two 8-foot Wide Shoulders/Bike Lanes
 - Sidewalk on West Side of Bridge

Proposed Project



- Longer than Existing (120 feet)
- Higher roadway elevation to pass 100-year flood event
- Reconstruct Roadway Approaches
- Reconstruct Connection to Trail
- 25 mph Posted Speed Limit
- All work within public right of way

Hydrology and Hydraulics

- Specific design and height of the replacement bridge is dependent upon Moraga Creek water surface elevation during 100-year storm event
- Moraga Creek Watershed (8 square miles)
- Consider influence of Upper San Leandro Reservoir and EBMUD discharges into the creek
- Input from County Flood Control

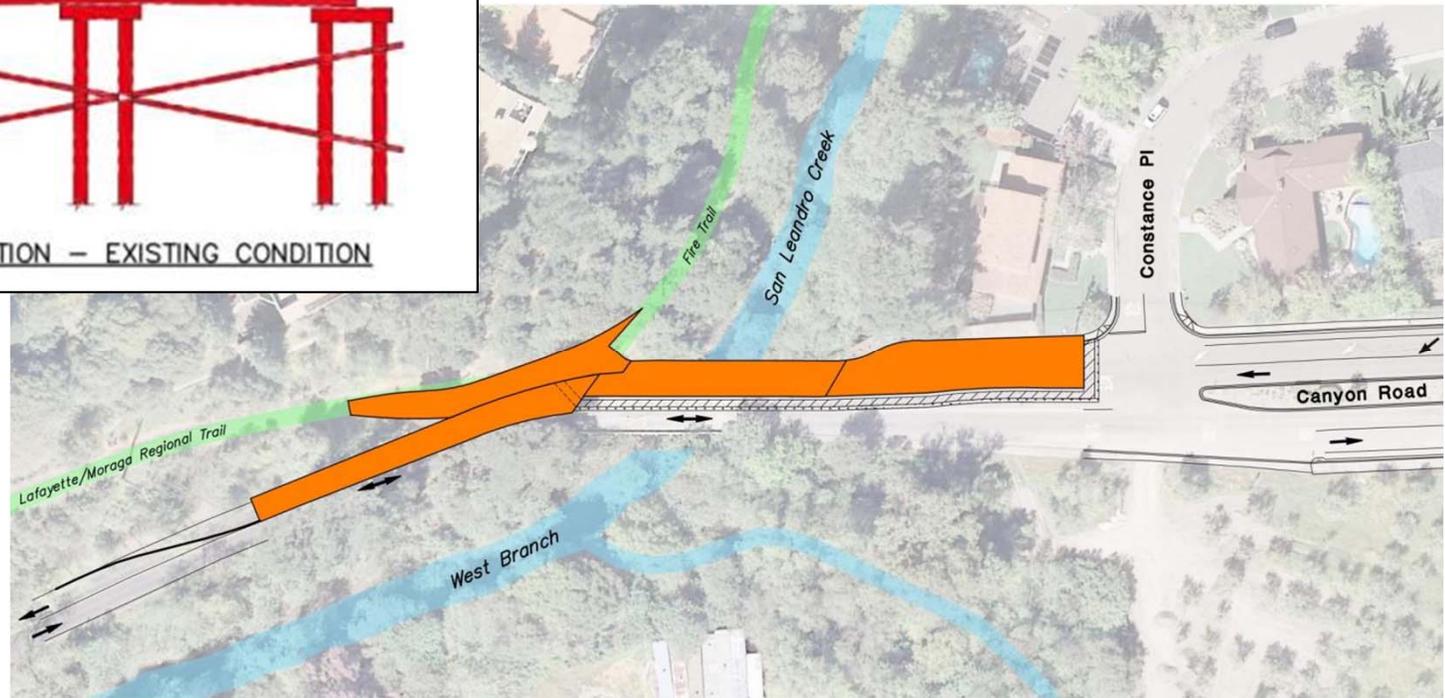
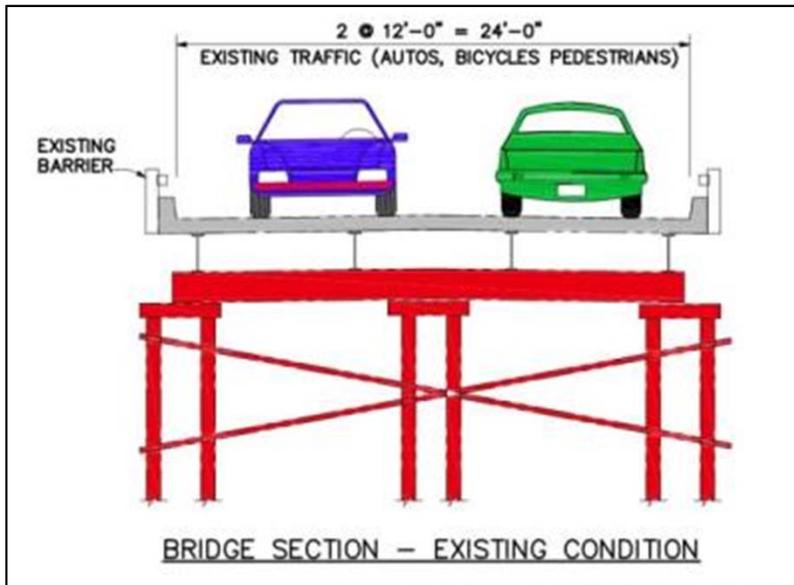


Construction & Traffic Handling

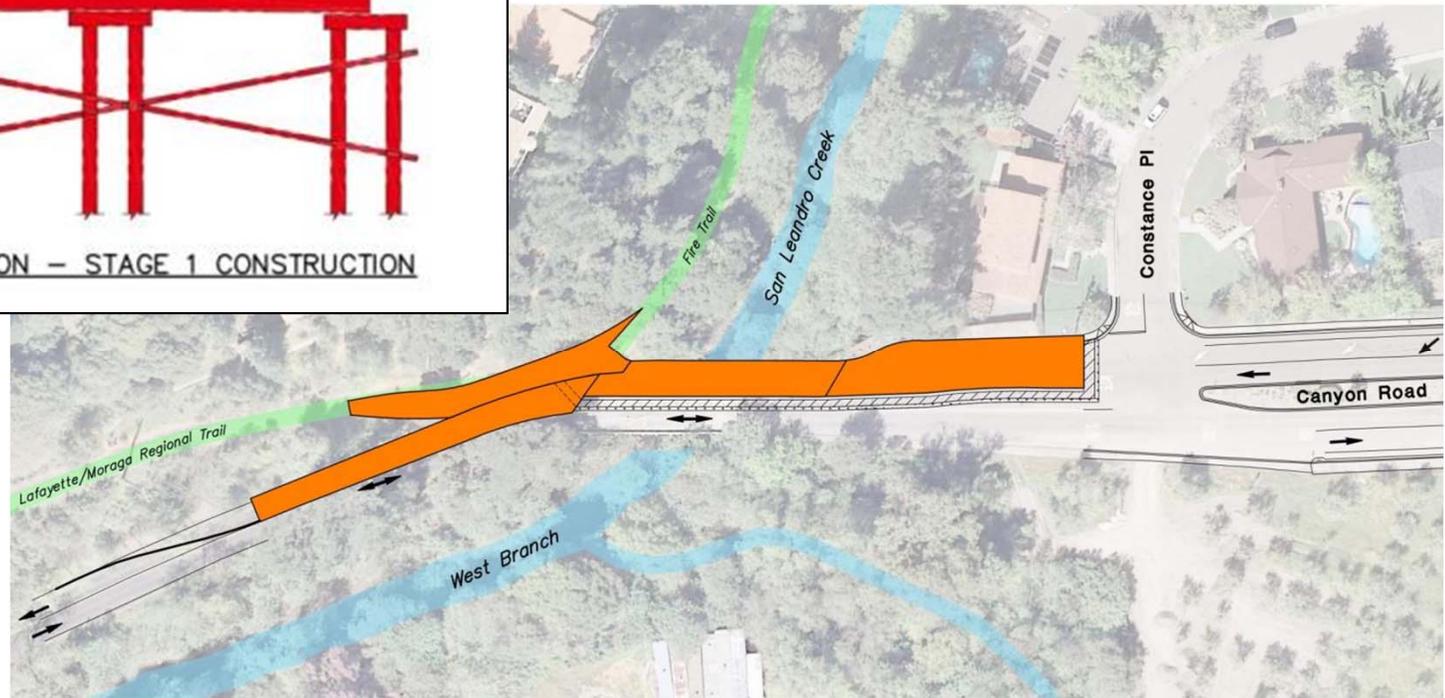
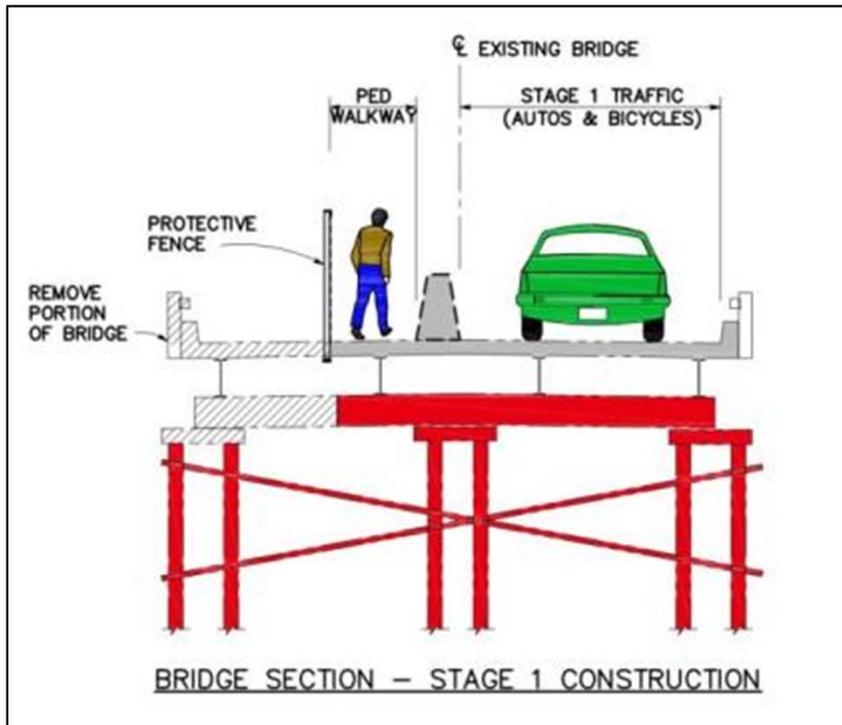
- Bridge will be built in two stages
- Maintain one lane open with two-way Traffic
 - Dedicated pathway for pedestrians
 - Bicycles Share Traffic Lane with Vehicles
- Traffic Controlled 24/7 with Temporary Traffic Signals
- Video Detection to Prevent Unnecessary Wait Times



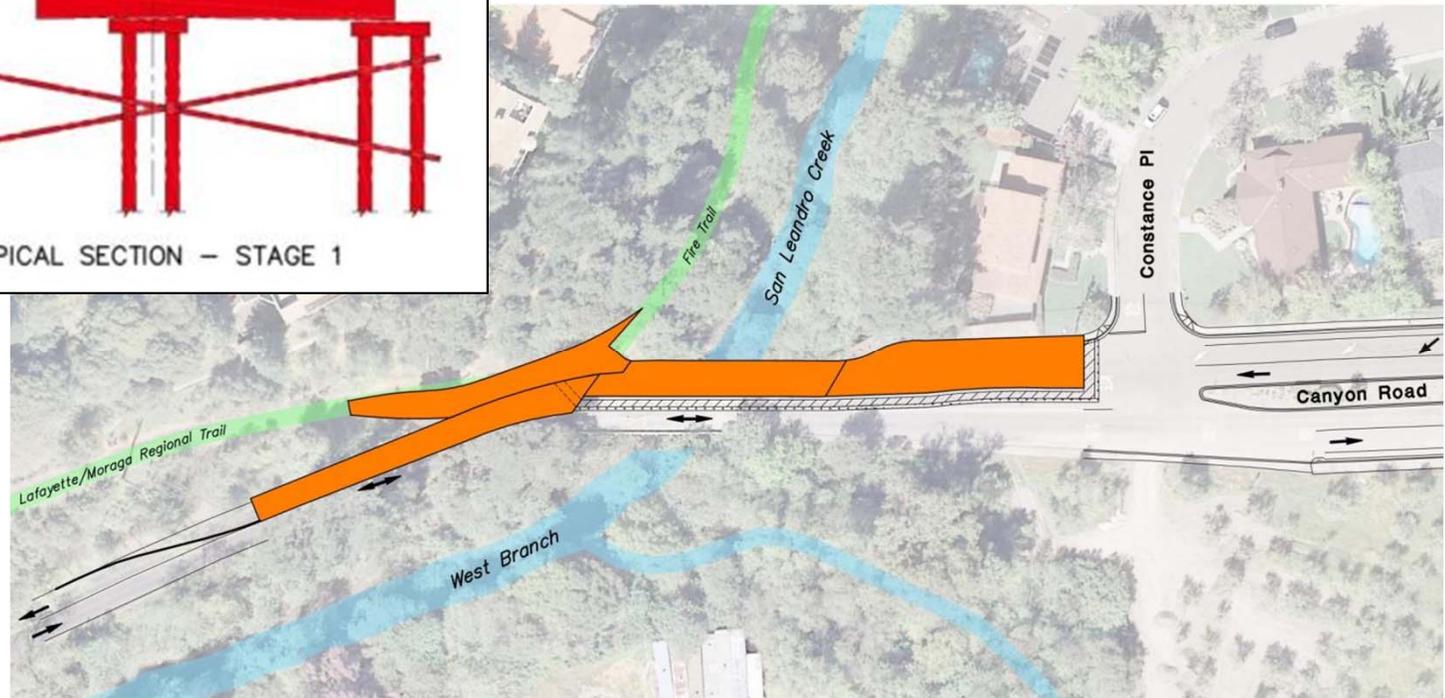
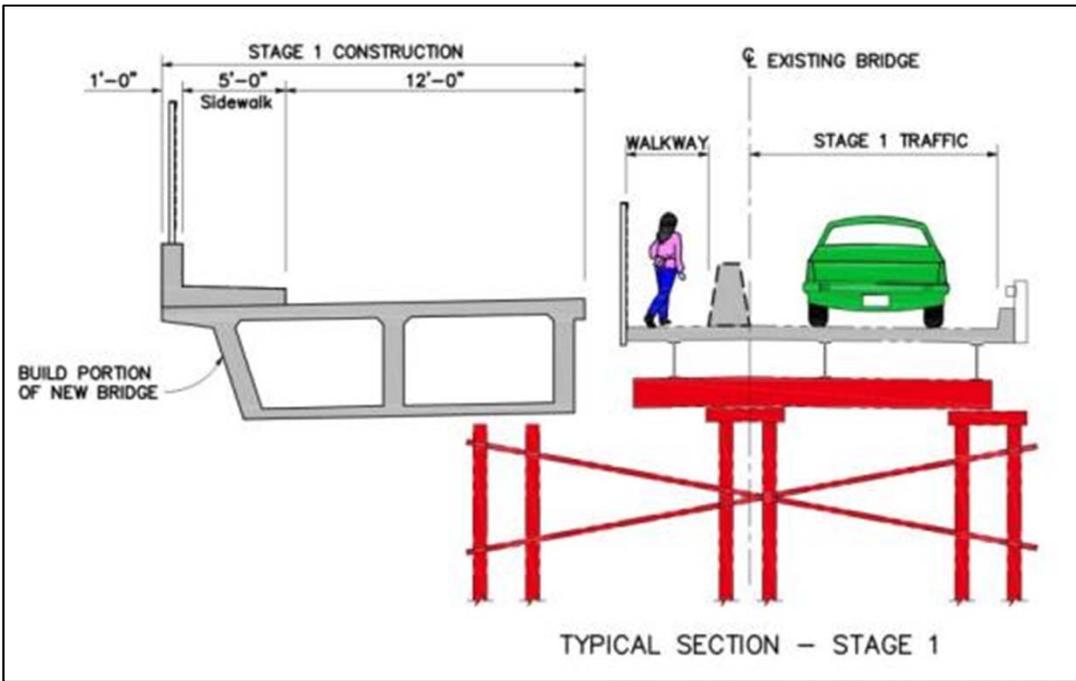
Stage 1 Construction



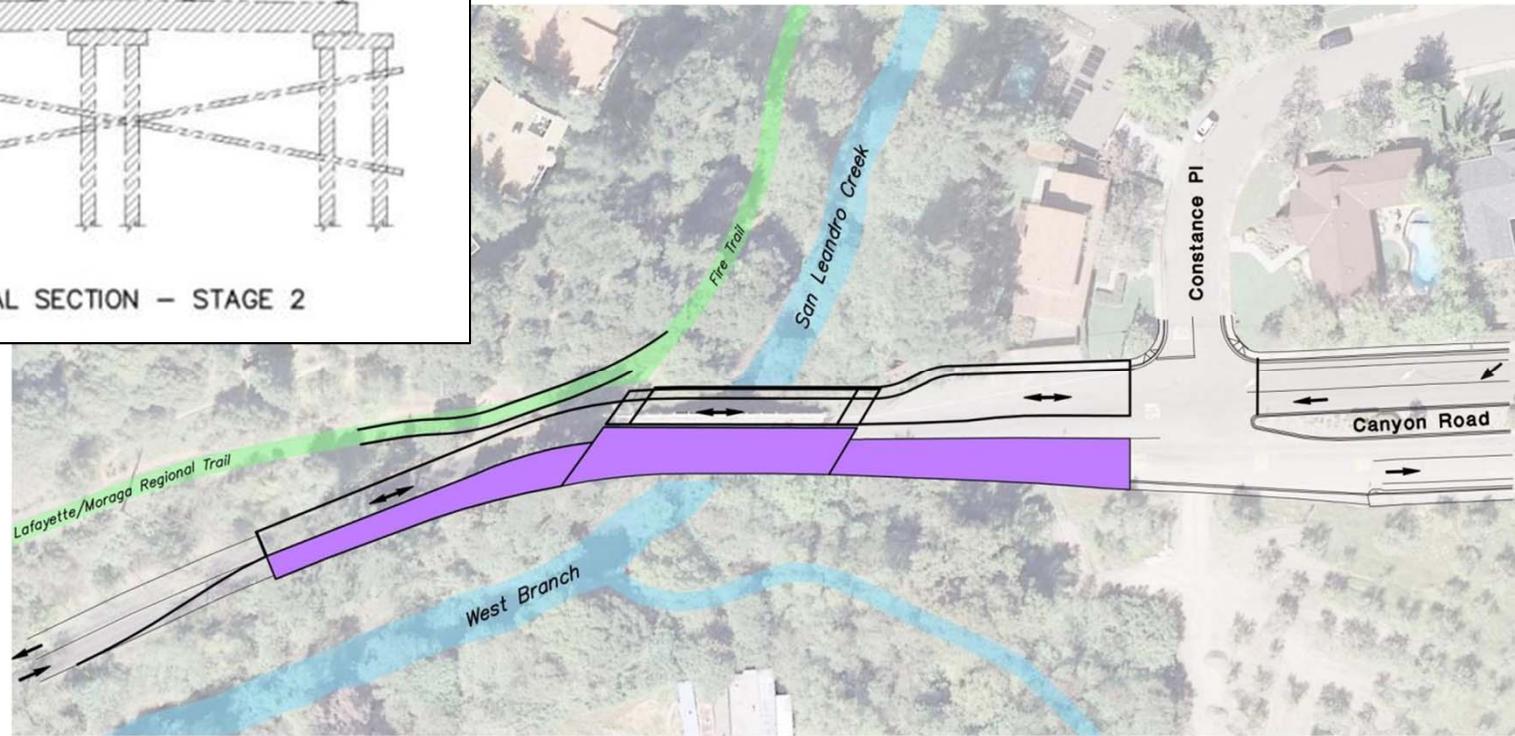
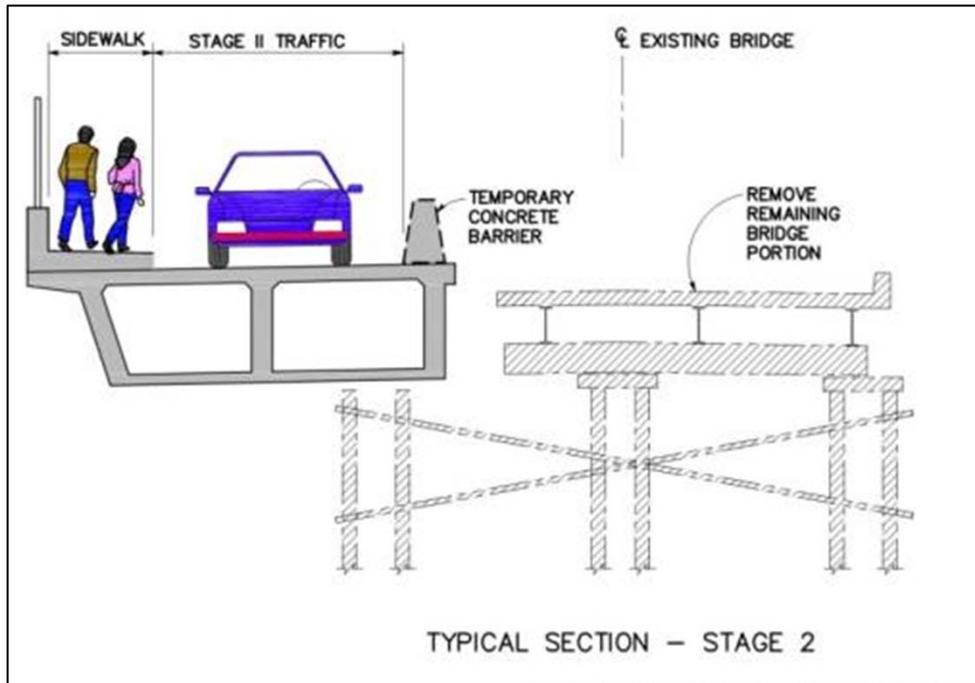
Stage 1 Construction



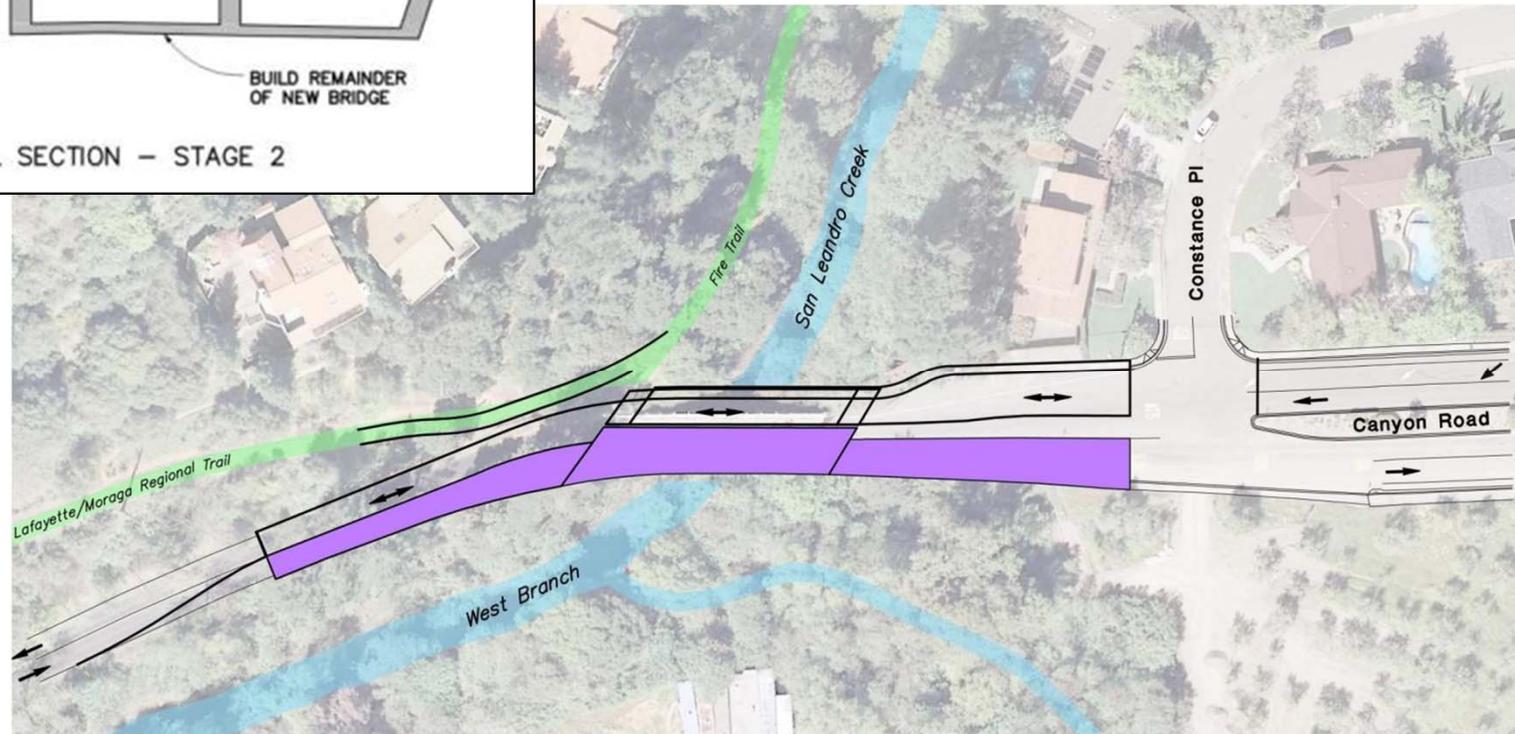
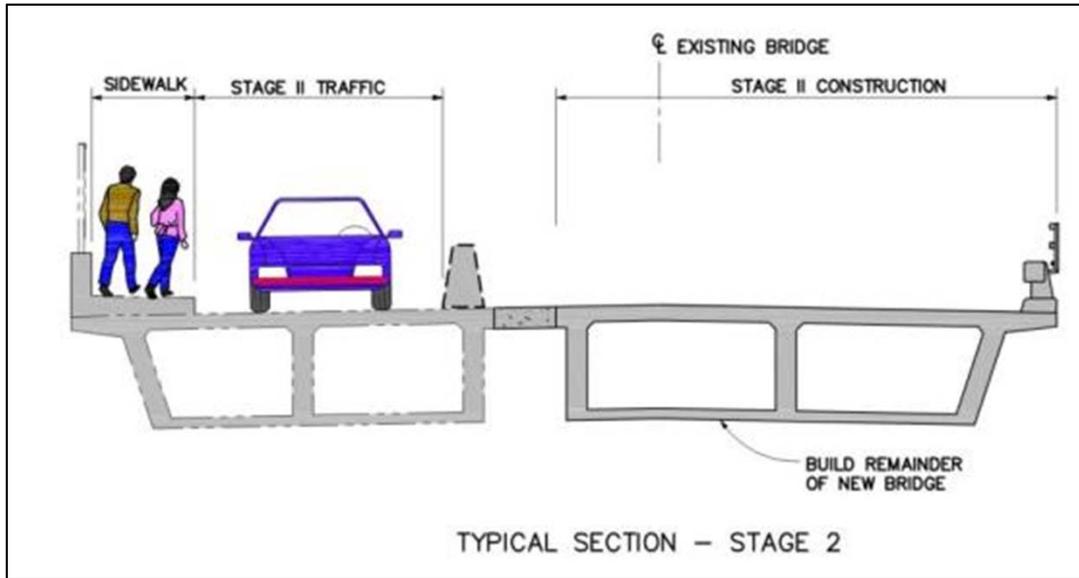
Stage 1 Construction



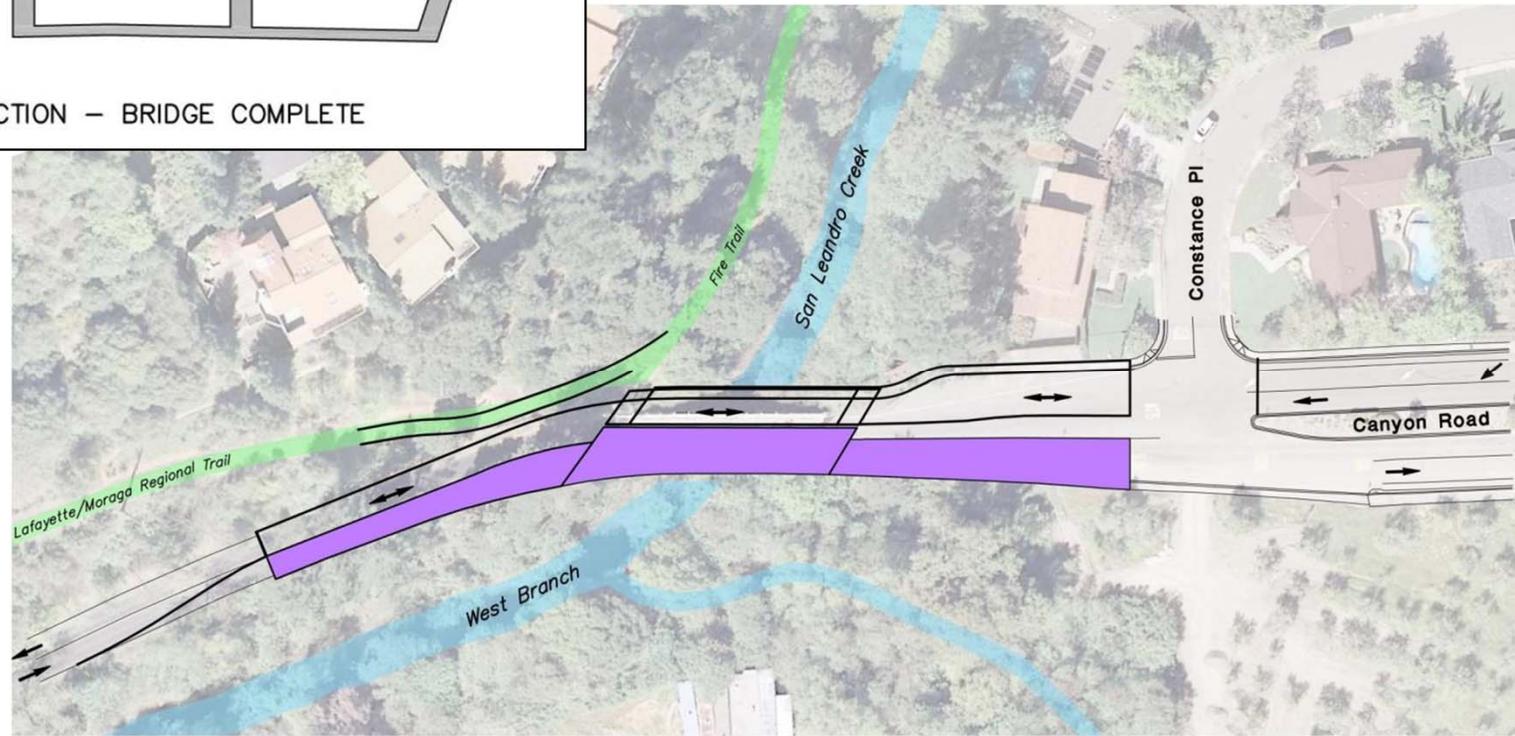
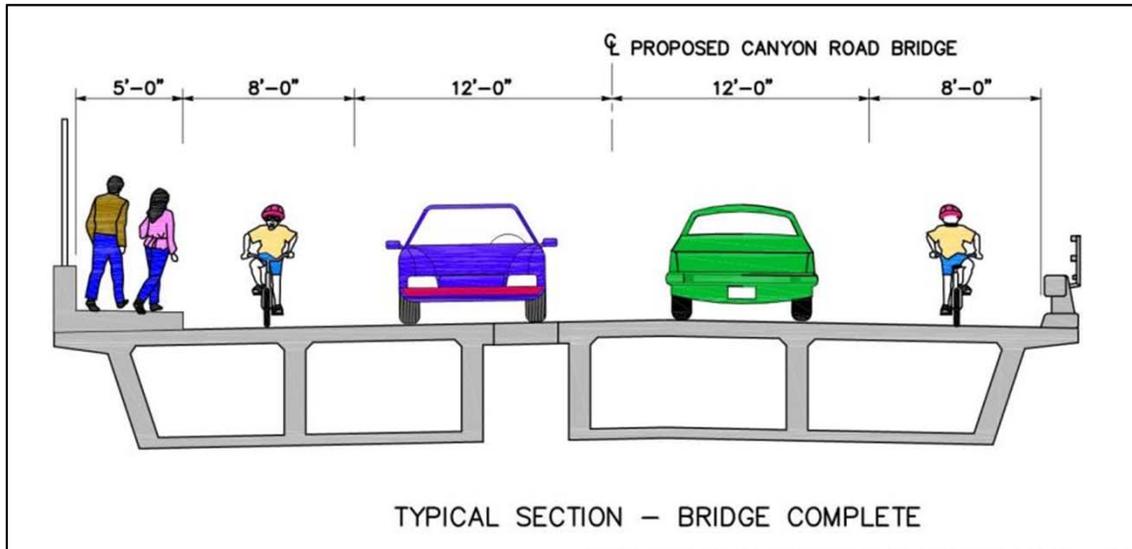
Stage 2 Construction



Stage 2 Construction



Stage 2 Construction



Next Steps

- Finalize preliminary design and studies for the proposed bridge replacement
- Preparation of Project-level Environmental Documents
 - Categorical Exclusion for NEPA
 - Initial Study/Mitigated Negative Declaration for CEQA
 - Comments provided by the public will be addressed as part of the Final CEQA document
- Prepare Final Plans, Specifications and Estimates
- Construction of Replacement Bridge

Project Schedule

November 2014	Start Environmental Studies
December 2015	Final Environmental Document
Winter 2015	Final Plans Specifications & Estimates
Winter 2015	Secure Regulatory Agency Permits
Spring 2016	Advertise Project for Construction
2016	Construct Project

Planned Community Meetings

October 15th Community Meeting

- Presentation of proposed project

December 2014 Community Meeting

- Presentation of updated project based on feedback from October 15th community meeting and completion of preliminary engineering

Follow up Community Meeting - 2016

- Presentation of construction project

Questions and Comments

Please fill out feedback cards.

Future Reference:

Town of Moraga Public Works: (925) 888-7026