

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

Highway 17 Bicycle & Pedestrian Feasibility Study

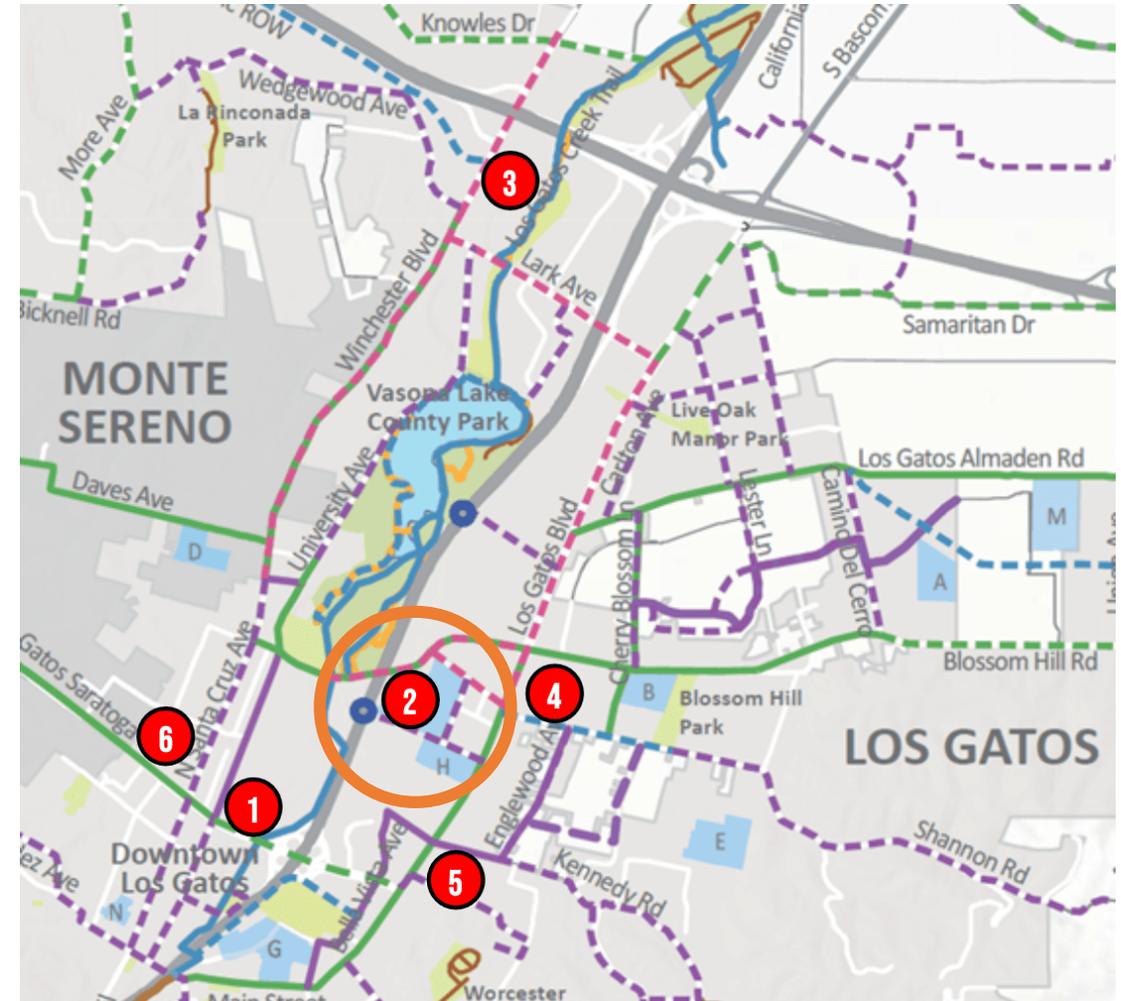
February 25, 2020

7:00 P.M – Town Council Chambers



PROPOSED PROJECTS

1. Los Gatos Creek Trail Connector to Highway 9
2. Bicycle and Pedestrian Overcrossing over Highway 17
3. Winchester Boulevard Complete Streets
4. Shannon Road Multi-Use Path
5. Kennedy Road Sidewalk
6. Highway 9/Massol Avenue Rectangular Rapidly Flashing Beacon



Project Team

LOS GATOS STAFF

- Lisa Petersen, Assistant Parks & Public Works Director/Town Engineer
- Ying Smith, Transportation and Mobility Manager
- Areli Perez, Transportation Planning Intern

BKF ENGINEERS TEAM

- Natalina Bernardi, P.E. – Principal-in-Charge
- Jaggi Bhandal, P.E. – Project Manager
- Subconsultants to BKF Engineers:
 - Biggs Cardosa Associates – Structural Engineering
 - R+P Place – Bridge Architecture
 - David J. Powers & Associates – Environmental Clearance

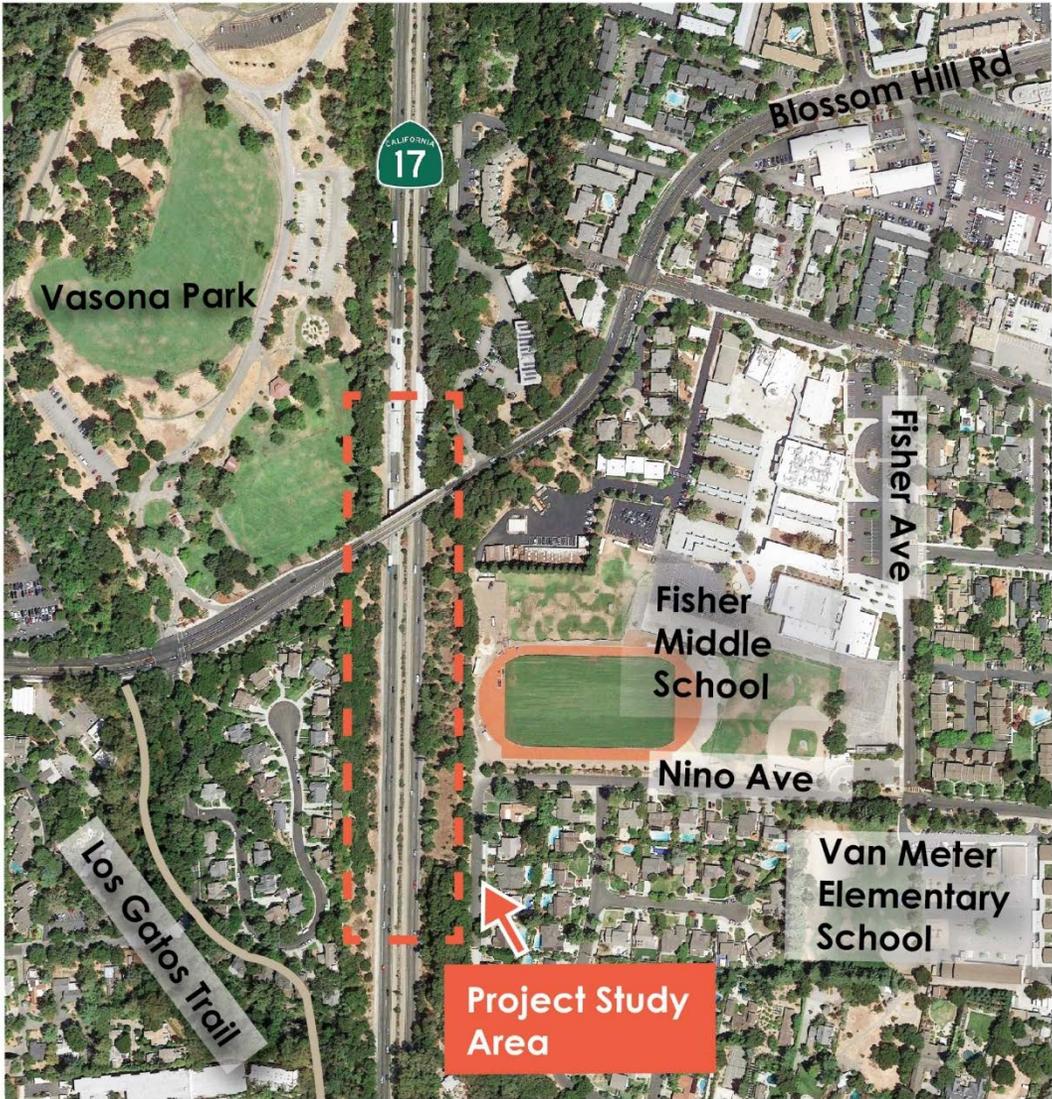


Tonight's Agenda

- Introduction of Project Team
- Project Location and Background
- Project Goals
- Preliminary Project Alternatives
- Preliminary Project Schedule - Next Steps
- Project Updates
- Open House



Project Study Area



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



Highway 17 Bicycle & Pedestrian Overcrossing Feasibility Study

- Purpose & Goals:

- Improve bicycle and pedestrian mobility across Highway 17 in the vicinity of the Blossom Hill Road Overcrossing
- Improve safety for all modes of travel
- Provide a Safe Route to School
- Promote active transportation
- Reduce traffic congestion and greenhouse gas emissions by reducing vehicular traffic demand



Hwy 17 Bicycle & Pedestrian Feasibility Study



Alternatives

Alternative 1 – Bicycle and Pedestrian Bridge to Nino Ave

Alternative 2 – Bicycle and Pedestrian Bridge adjacent to the Blossom Hill Rd OC

Alternative 3 – Widening the Existing Blossom Hill Rd Overcrossing



Hwy 17 Bicycle & Pedestrian Feasibility Study

Alternative 3 - Widening the Existing Blossom Hill Road

Considerations

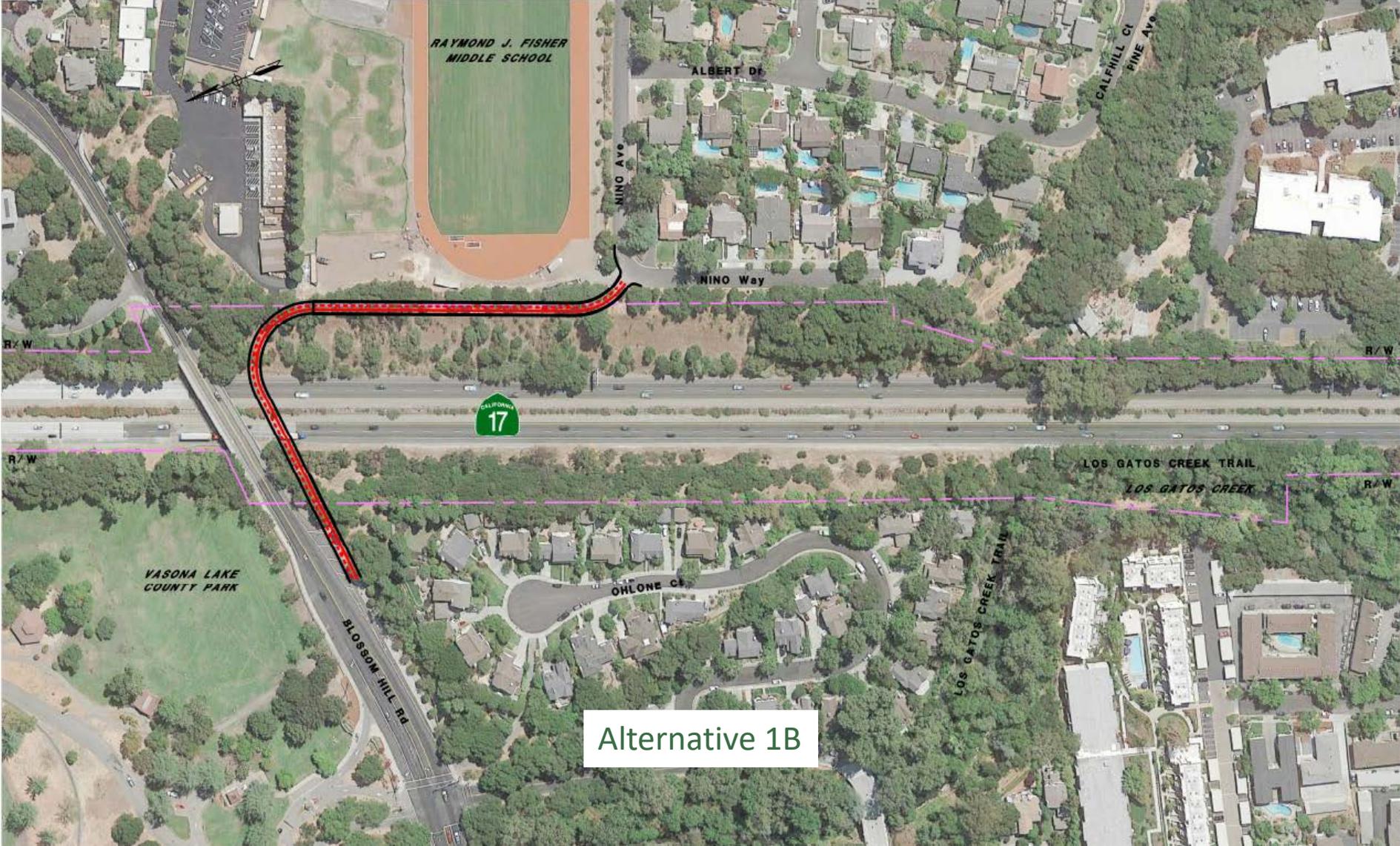
- Non-standard Vertical Clearance of 15'-2"
(Caltrans standard = 16'-6")
 - Low Probability Caltrans Approve of Design Exception
 - Bridge has been Struck
- Caltrans May Require Bridge Replacement
 - Significant Cost
- Widening Requires Seismic Retrofit of the Existing Bridge
- Staging Challenges for Bikes and Pedestrians during Construction
 - Bikes and Pedestrians Diverted to the Opposite Side of Widening
 - Diverted to Already Narrow Bridge



Highway 17 Bicycle & Pedestrian Feasibility Study



Highway 17 Bicycle & Pedestrian Feasibility Study



Highway 17 Bicycle & Pedestrian Feasibility Study

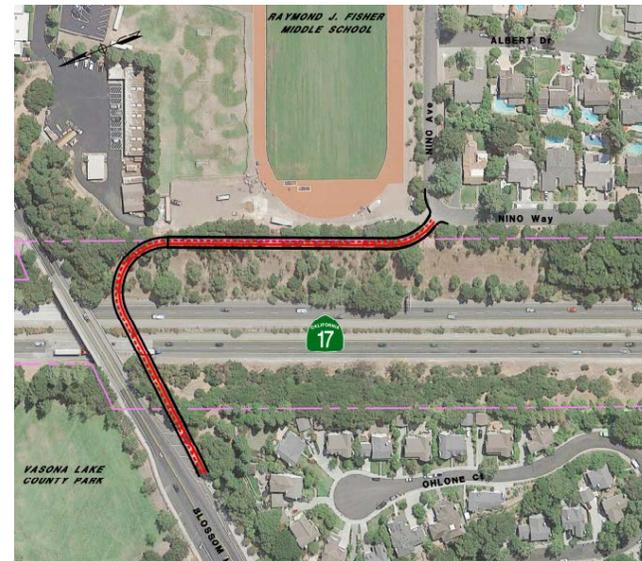
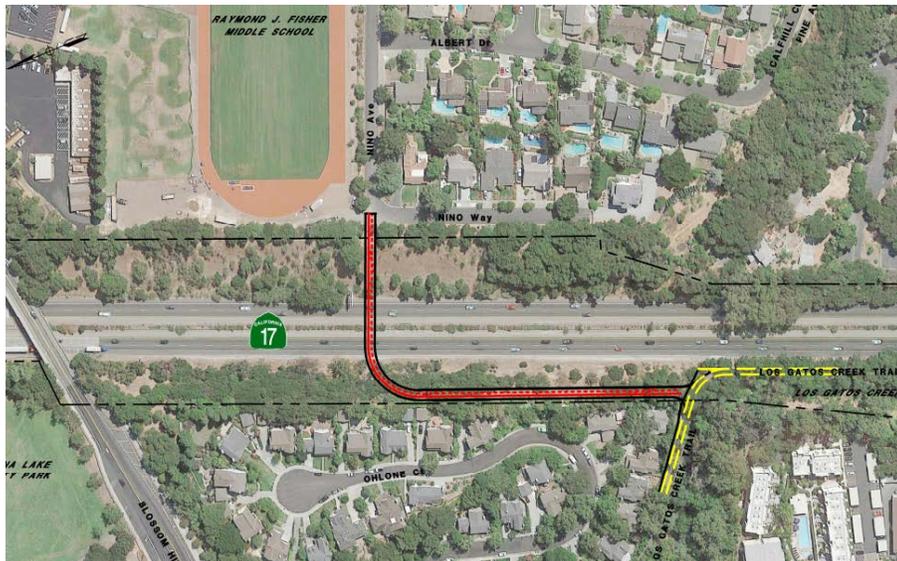
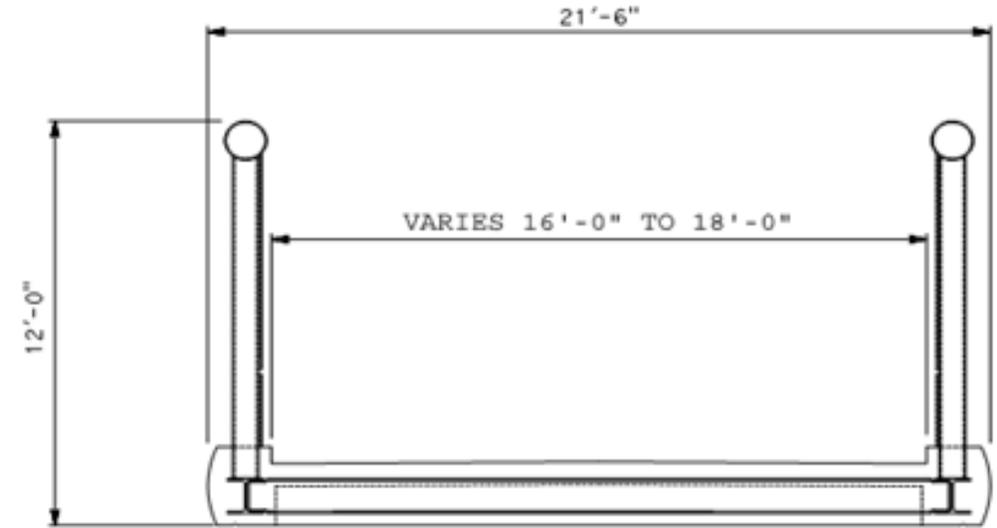


Highway 17 Bicycle & Pedestrian Feasibility Study

Alternative 1

Benefits

- Greatest Design Flexibility
 - Horizontal Alignment
 - Vertical Clearance
 - Pier in Median Not Required
- Minimizes Construction Impacts
- User Experience has Bike/Pedestrian Separated from Vehicles
- More Direct Routes to Schools

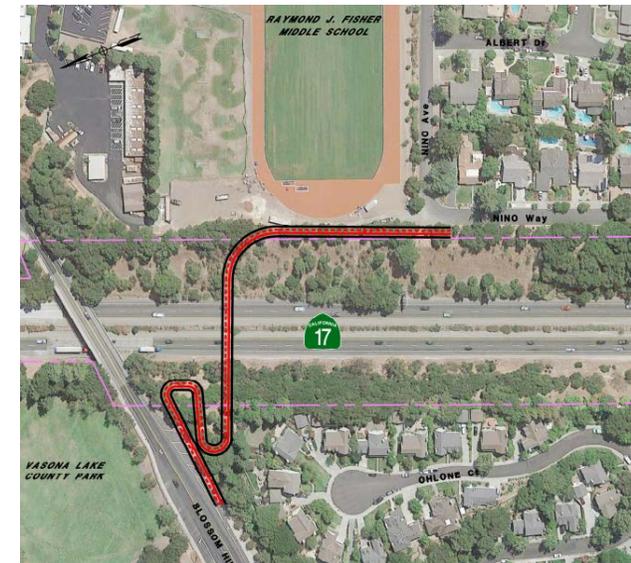
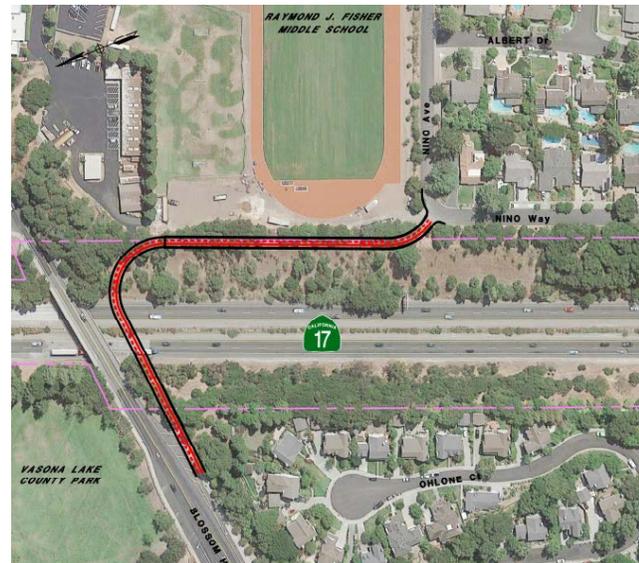
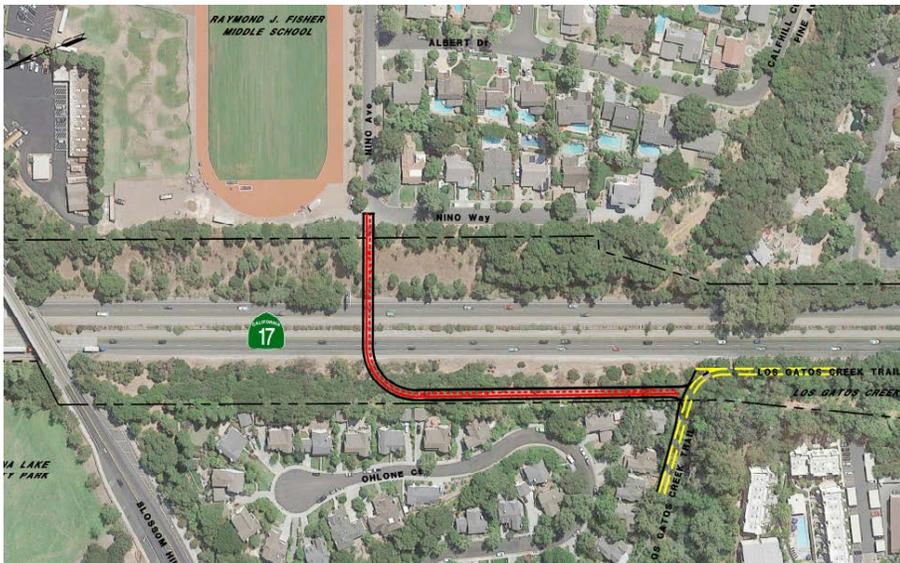


Highway 17 Bicycle & Pedestrian Feasibility Study

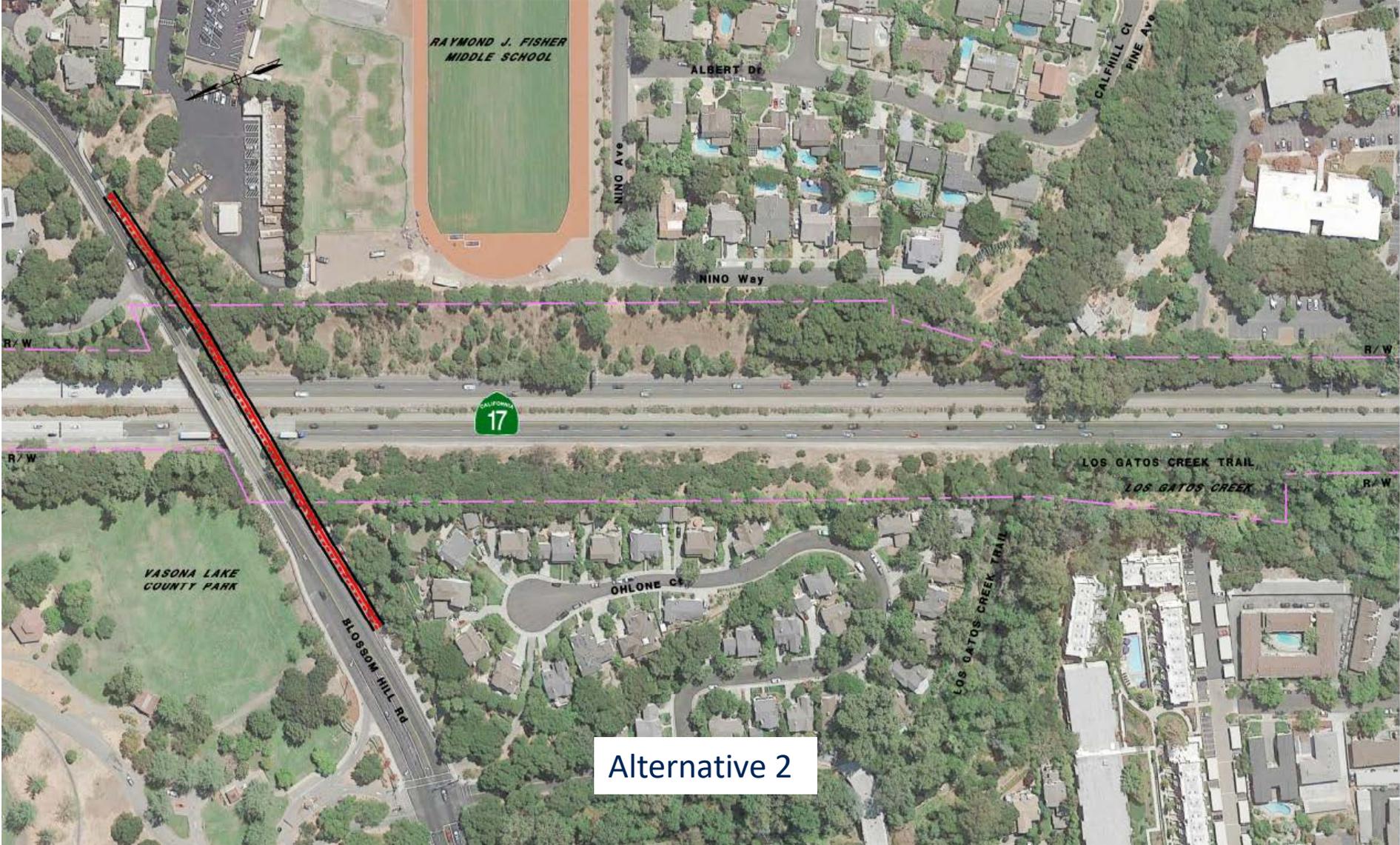
Alternative 1

Considerations

- Cost Dependent on Length of Bridge
- Land Use
 - Visual Obstruction, Privacy, Shadowing, Glare to Residences
 - Mitigation Measures (Railing, Downward/Dim Lighting, etc.)
- Modifications to Existing Sound Walls



Highway 17 Bicycle & Pedestrian Feasibility Study



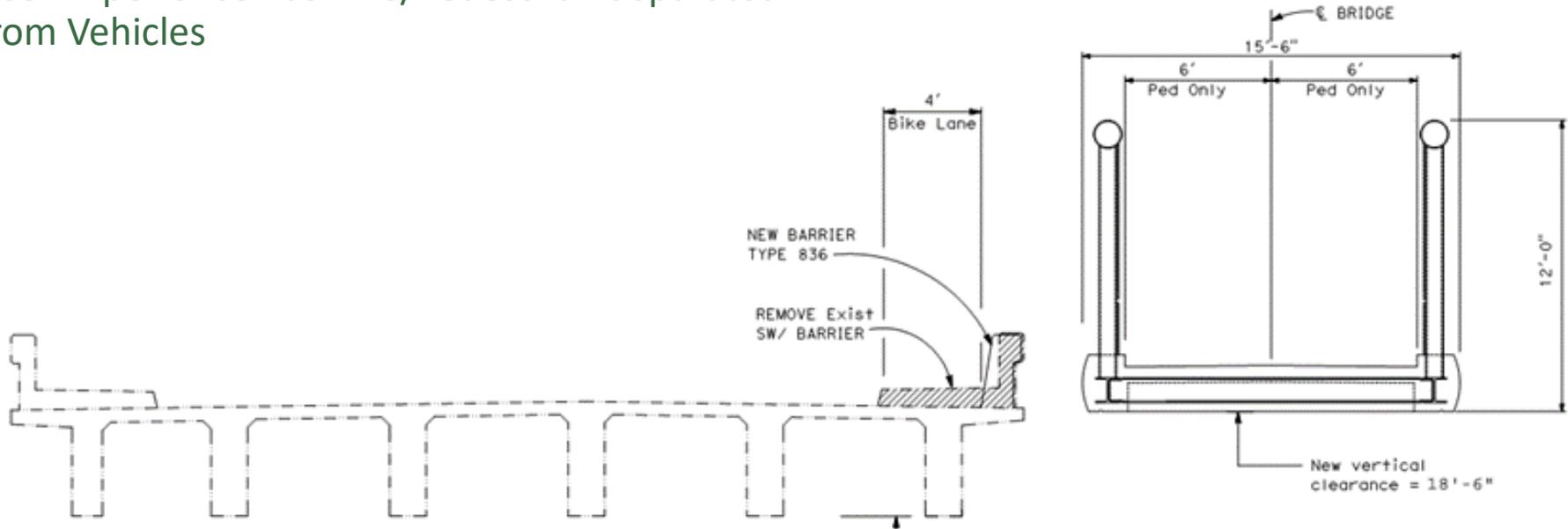
Alternative 2

Highway 17 Bicycle & Pedestrian Feasibility Study

Alternative 2

Benefits

- Two-Way Class I Facility
- Sidewalk Removal on South Side
 - Room for Wider Existing Vehicular and Bike Lanes
 - Maintains Existing Bike/Pedestrian Connectivity
 - Could Maintain Sidewalk on North Side sidewalk
- User Experience has Bike/Pedestrian Separated from Vehicles

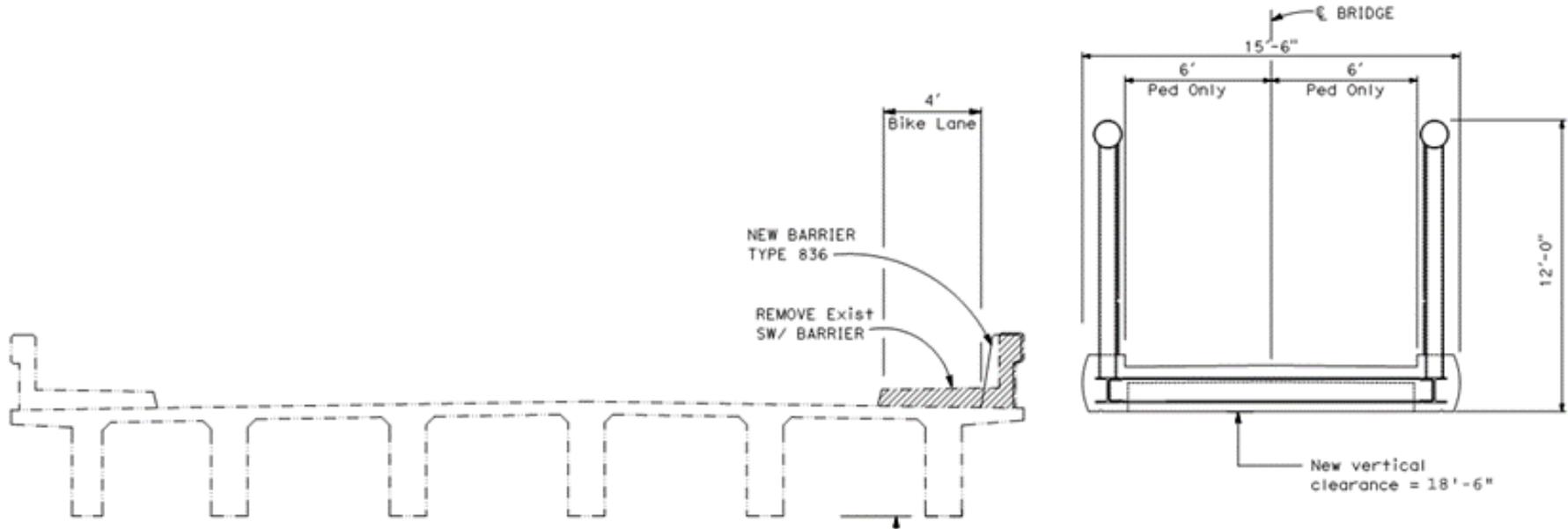


Highway 17 Bicycle & Pedestrian Feasibility Study

Alternative 2

Considerations

- Limits Future Widening Options
- Two-way Path Connectivity at Conforms
- Aesthetic Limitations



Preliminary Project Schedule – Next Steps

Milestone	Anticipated Completion
Community Meeting #1	February 25, 2020
Submission of Measure B Funding Application	March 2020
Development of Alternatives	May 2020
Review of Alternatives and Recommendation	July 2020
Additional Community Engagement	Spring and Summer 2020
Town Council Selects Preferred Alternative	October 2020
Final Design and Environmental	TBD – pending funding
Construction	TBD – pending funding



Project Updates

- Connect Los Gatos Project webpage www.LosGatosCA.Gov/ConnectLG
- Stay connected by signing up for “Notify Me” services to be notified by e-mail or text each time the project page is updated
- Tonight’s presentation will be placed onto the project page

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Open House



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