



**Action Item (Item 2)** 

**Rail Committee** 

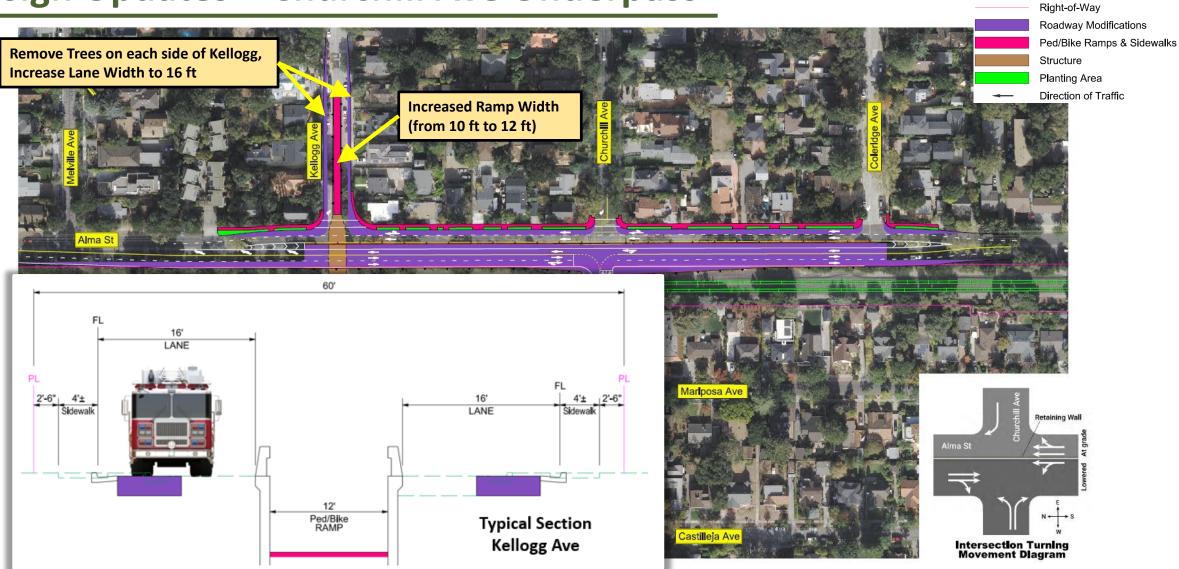
**Design Updates on Conceptual Underpass Alternatives** 

#### **Background**

- Summer 2022: Comments received from various stakeholders (PABAC, PAUSD, Stanford, City School Transportation Safety Committee, and Members of the Community)
- Three underpass alternatives evaluated further, located at:
  - Churchill Ave
  - Meadow Dr
  - Charleston Rd
- Comments reviewed at two rail committee meetings:
  - October 19, 2022
  - November 18, 2022

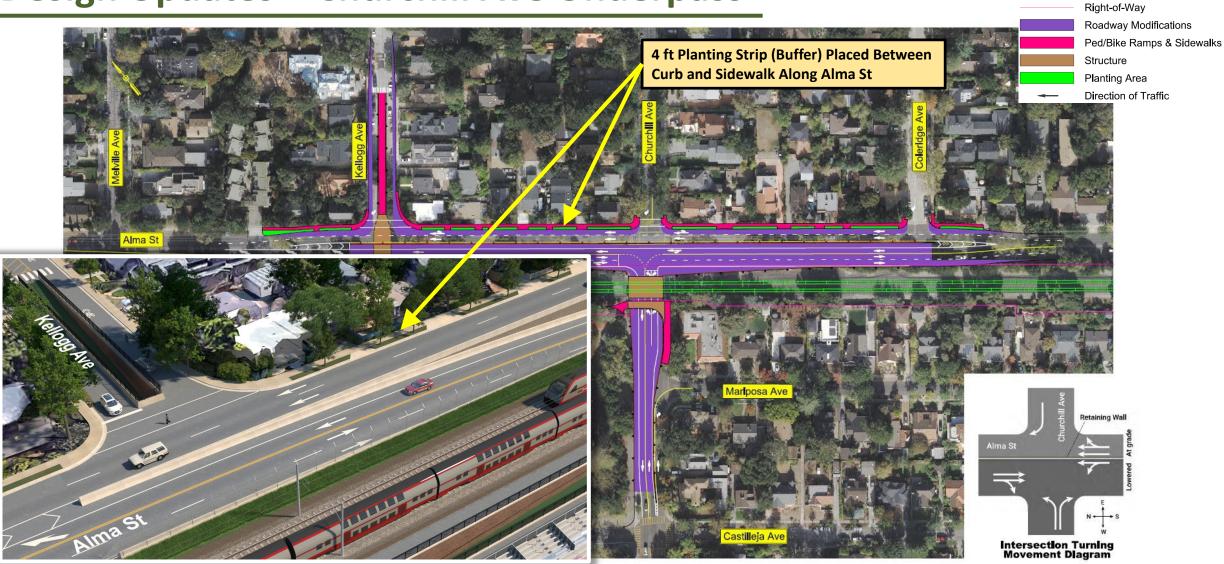






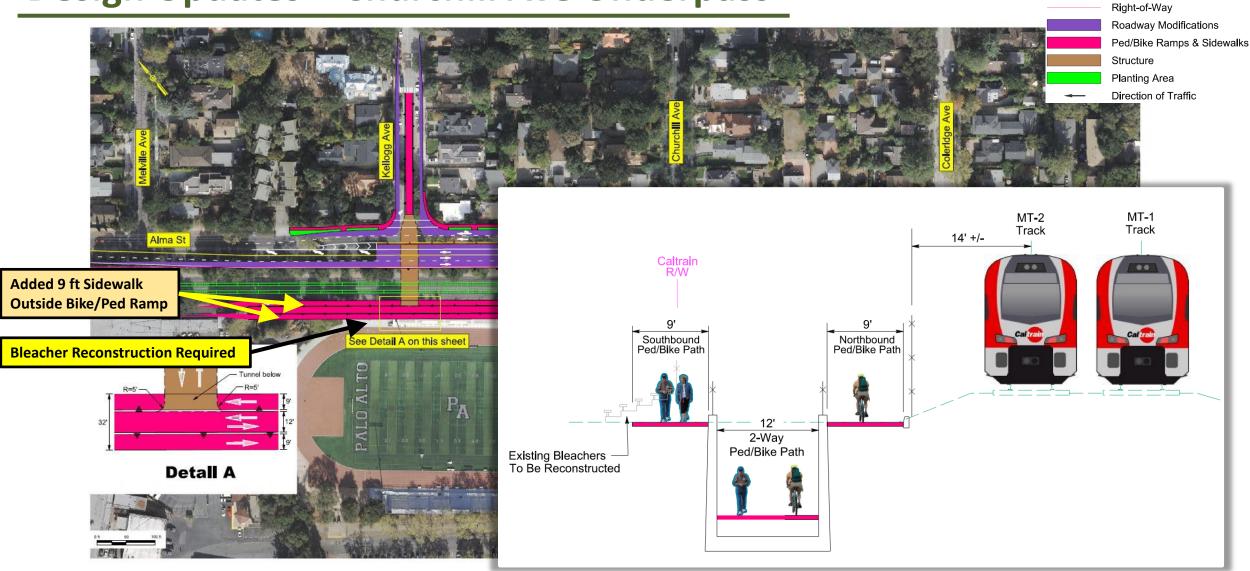


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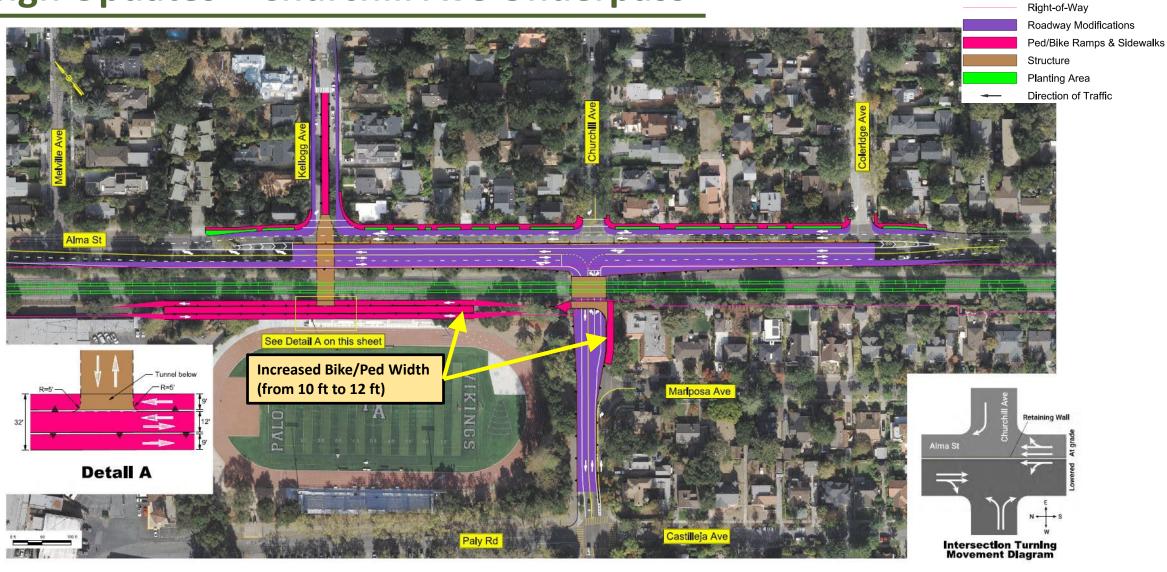


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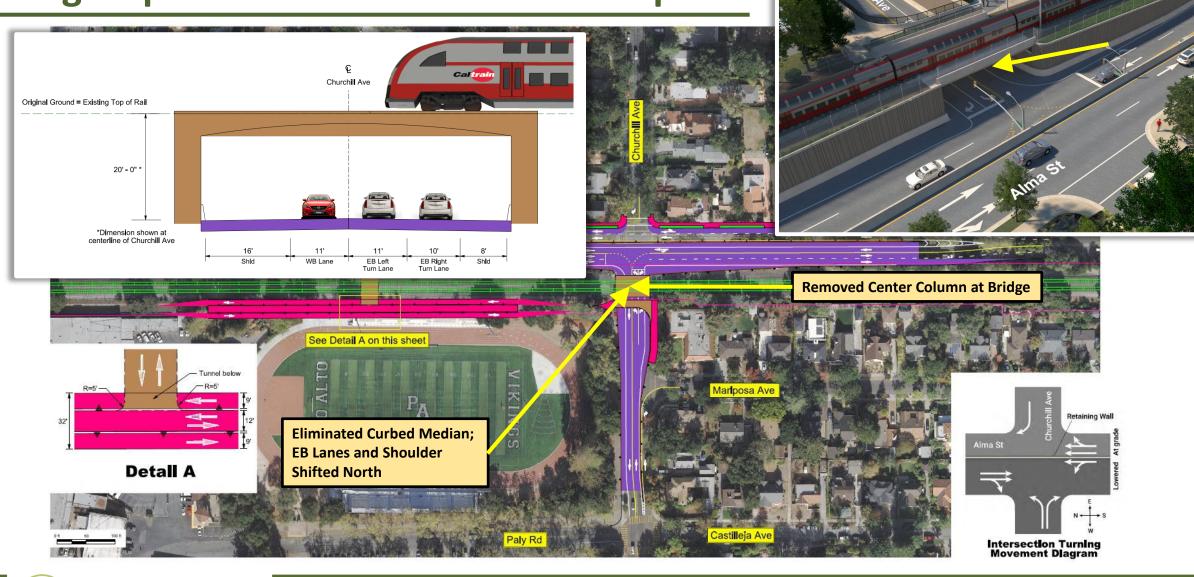


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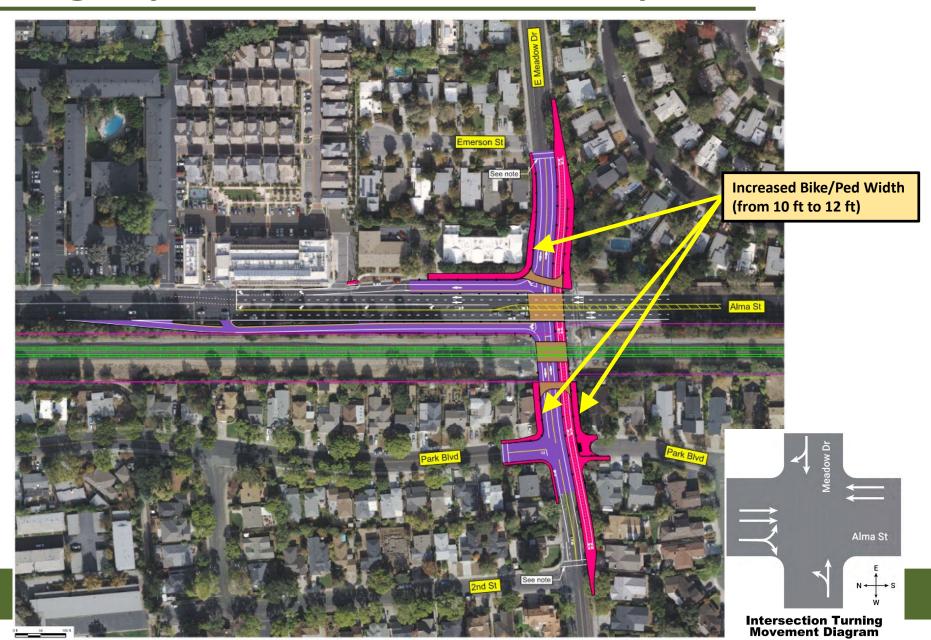








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LEGEND:

Track

Retaining Wall

Right-of-Way

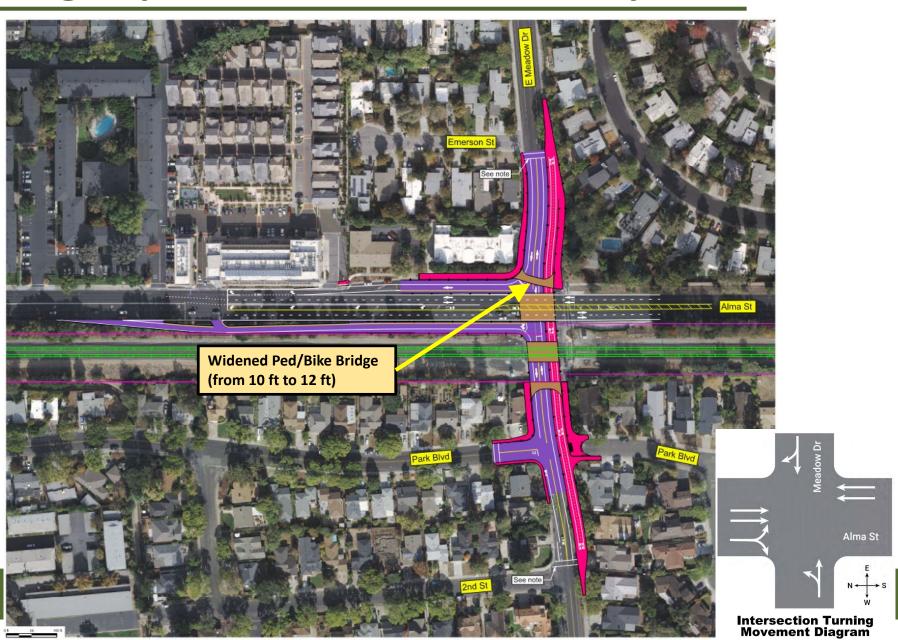
Roadway Modifications

Ped/Bike Ramps & Sidewalks

Structure

Planting Area

Direction of Traffic



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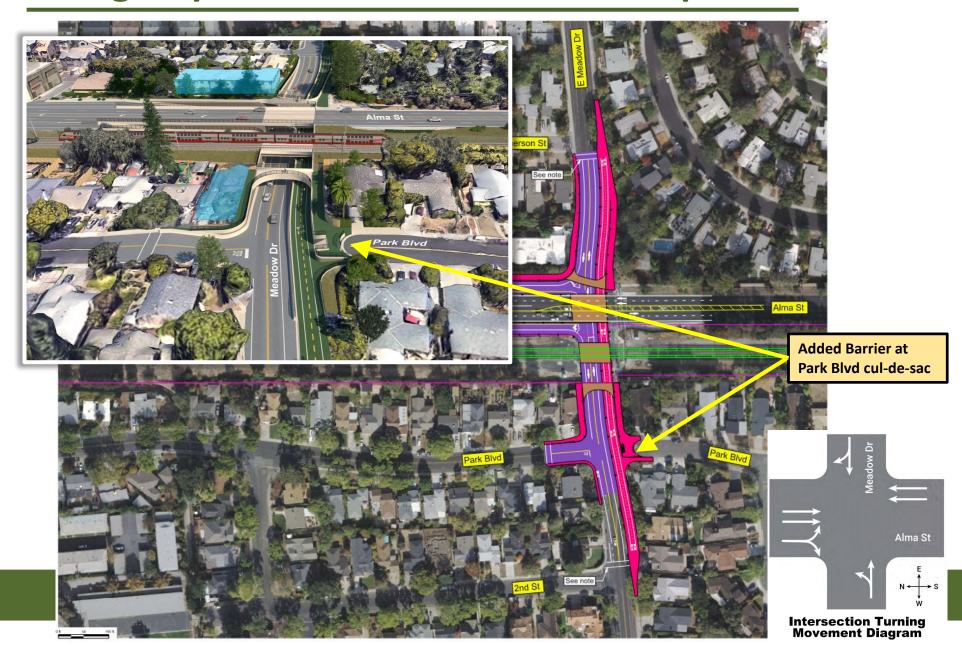
Planting Area

Direction of Traffic

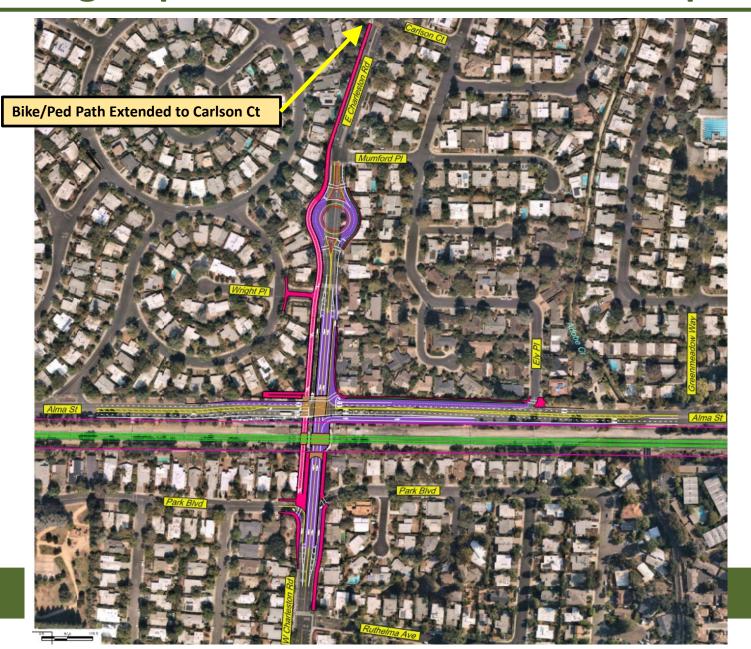


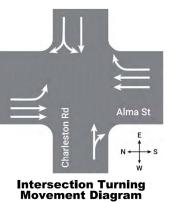
Intersection Turning Movement Diagram

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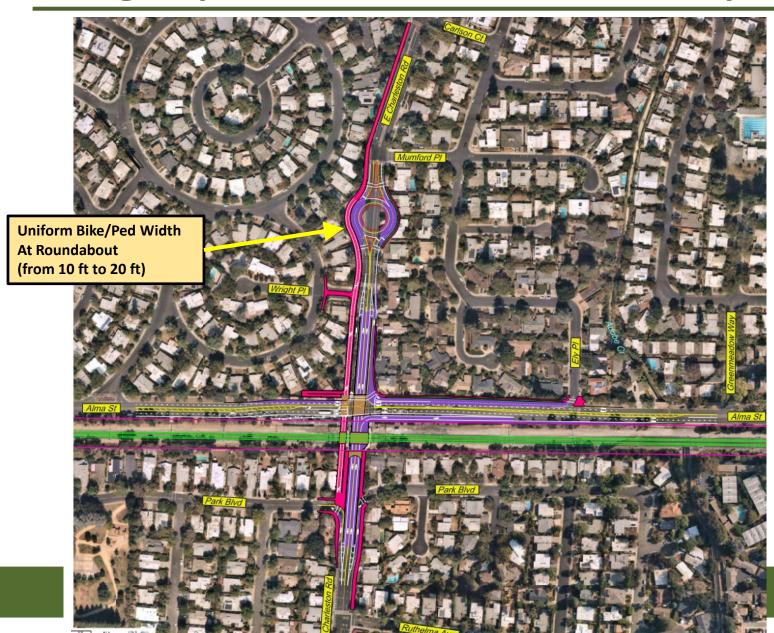


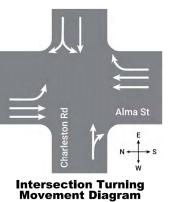




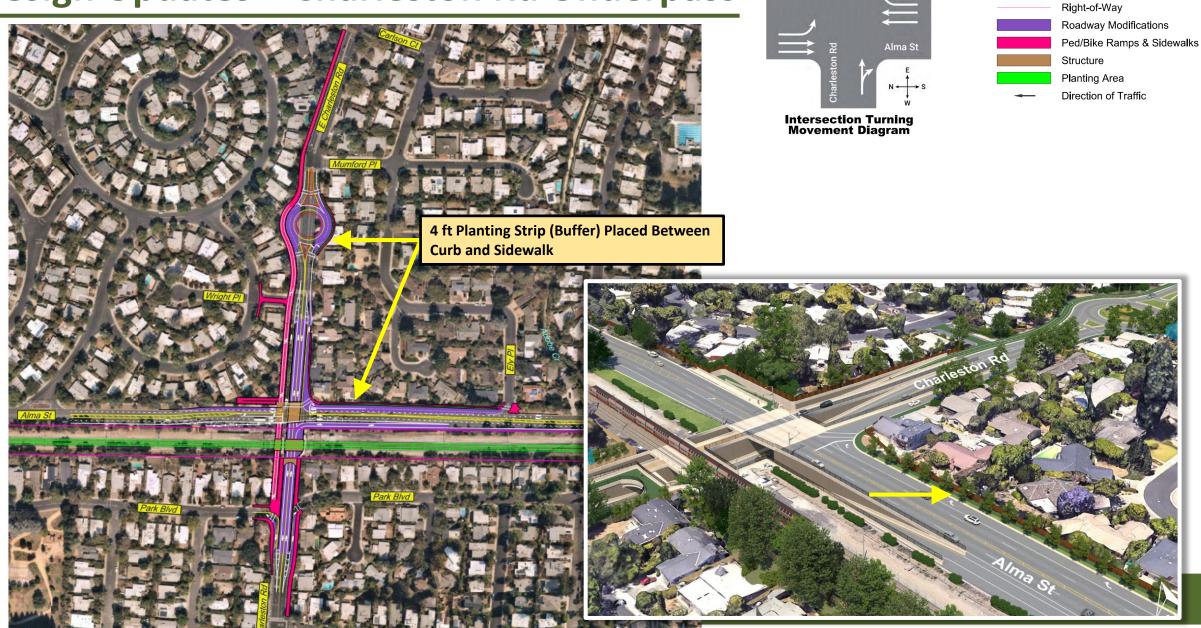






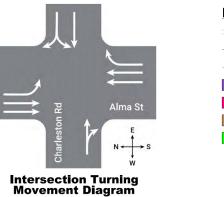




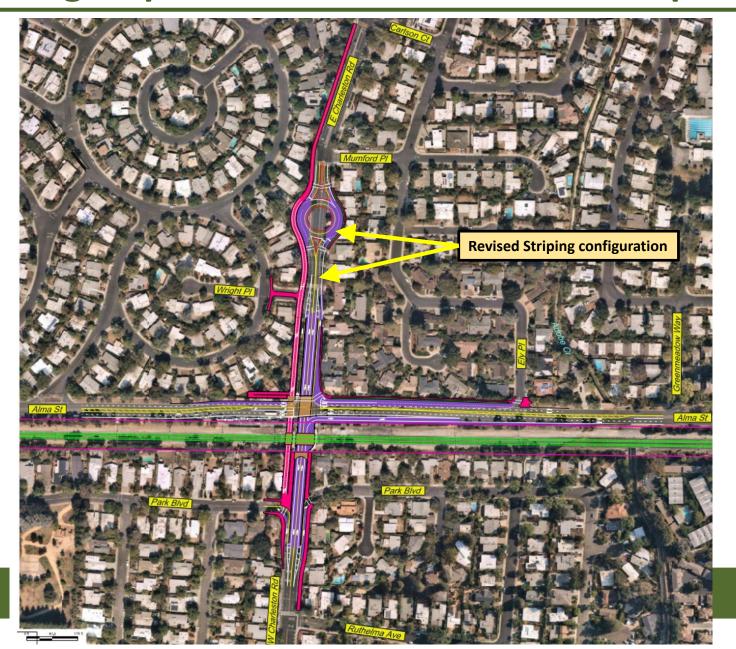


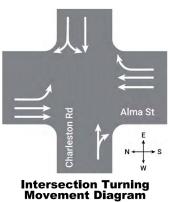
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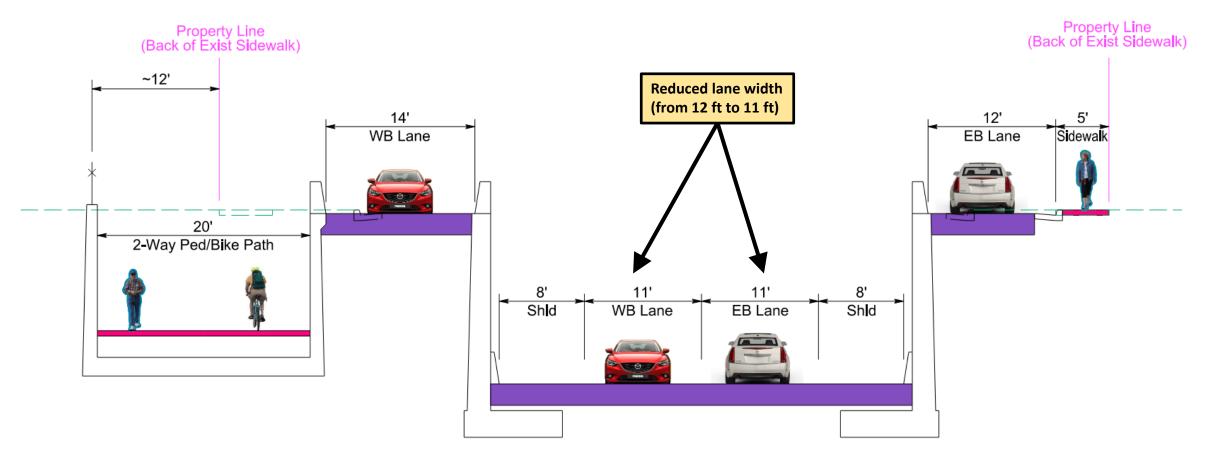








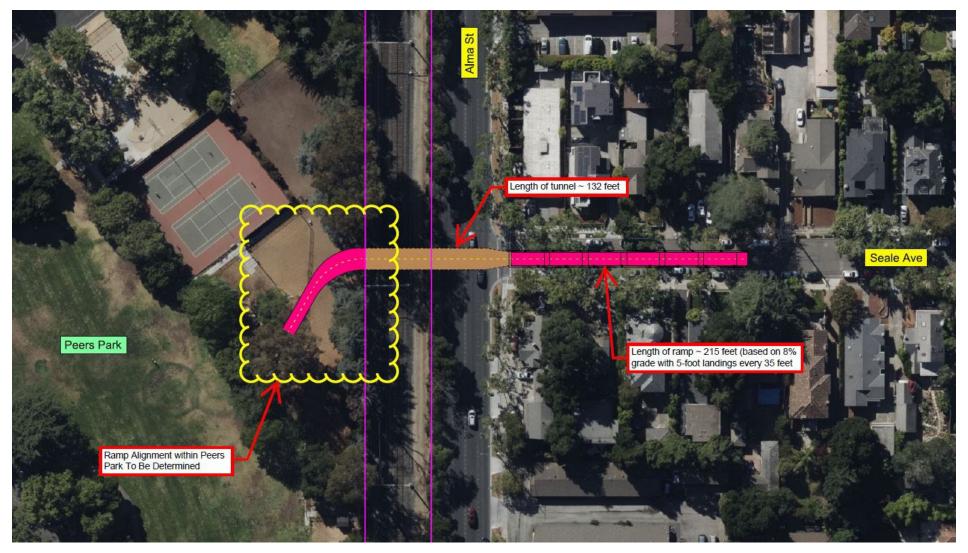




**Typical Section - Charleston Rd Underpass** 



# **Seale Ave Crossing – Initial Concept**





#### Evaluation of Bike/Ped Path on Each Side of Meadow and Charleston

- Direct Ramp Connections to/from Alma no Longer Possible
- No connection to/from Alma at East Meadow, all turns diverted to neighborhood streets or the Charleston Roundabout.
- ➤ All traffic from eastbound Charleston to southbound Alma diverted to the roundabout to make U-turn and then turn left at the Alma/Charleston traffic signal.
- Unacceptable vehicular delays (LOS F) at Alma/Charleston.
- Back-ups on Charleston through the roundabout.
- Long vehicular queues for the northbound right-turn and southbound left-turn at the Alma/Charleston intersection due to back-ups on Charleston.



#### **Next Steps**

- Additional Studies to Rail Committee for Review
  - Geotechnical Study (Fall 2023)
  - Cost Estimates Peer review of Trench Alternative (On Hold)
  - Caltrain Review (Tentative Summer 2024)
- ➤ Rail Committee to review alternatives for selection of the preferred alternative(s)
- City Council to approve selection of preferred alternative(s)



