

Designing Freeway on/off Ramps that Work for Bicyclists

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Existing Interchanges



Caltrans' Complete Streets Policy - Director's Policy 37

All transportation projects funded or overseen by Caltrans will provide comfortable, convenient, and connected complete streets facilities for people walking, biking, and taking transit or passenger rail



Caltrans Bay Area Bicycle Best Practices

- Obtain consensus and feedback from the public, stakeholders and partner agencies on preferred designs
- Fill in gaps on design guidance
- Resource to staff when making comments on projects
- Showcase examples of all ages and abilities facilities built on Caltrans right of way



Caltrans Bay Area District 4
Bike Plan Update 2024

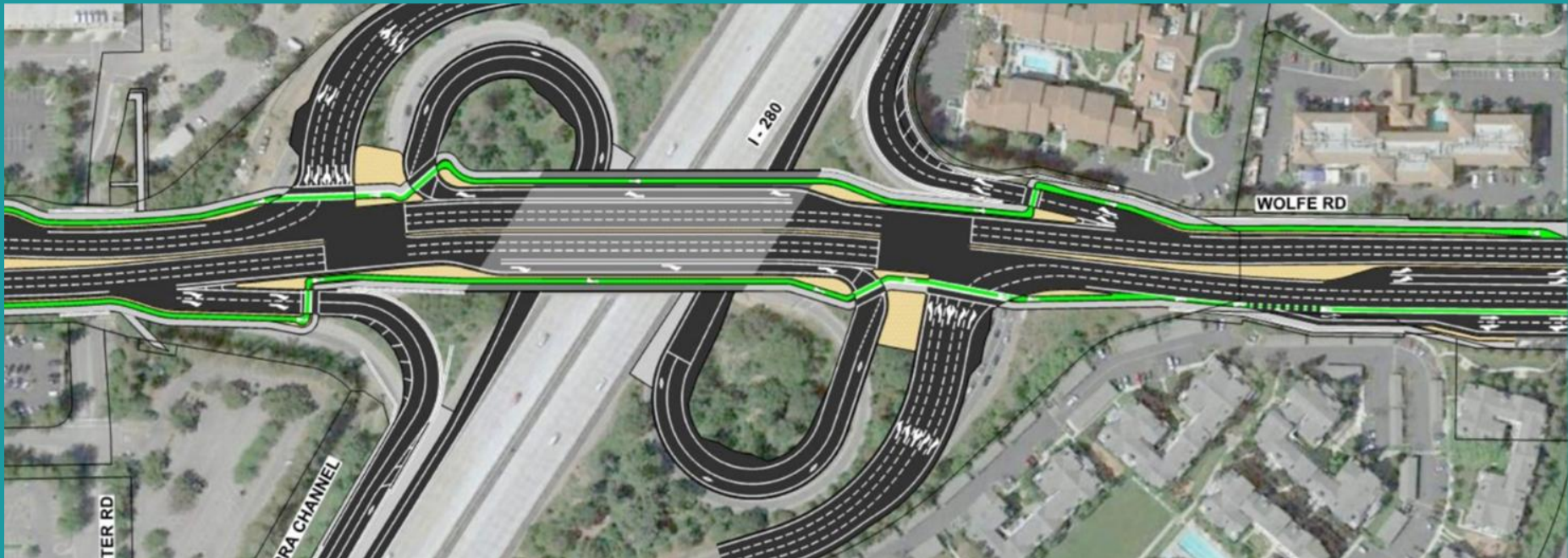
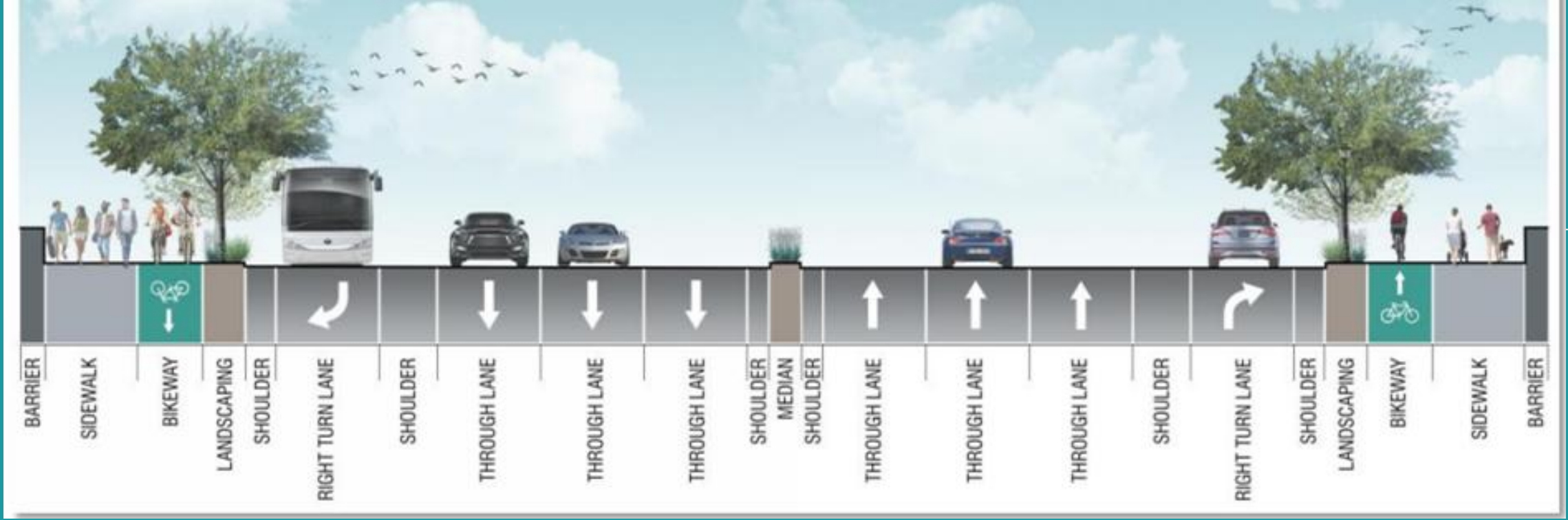
Bicycle Best Practices



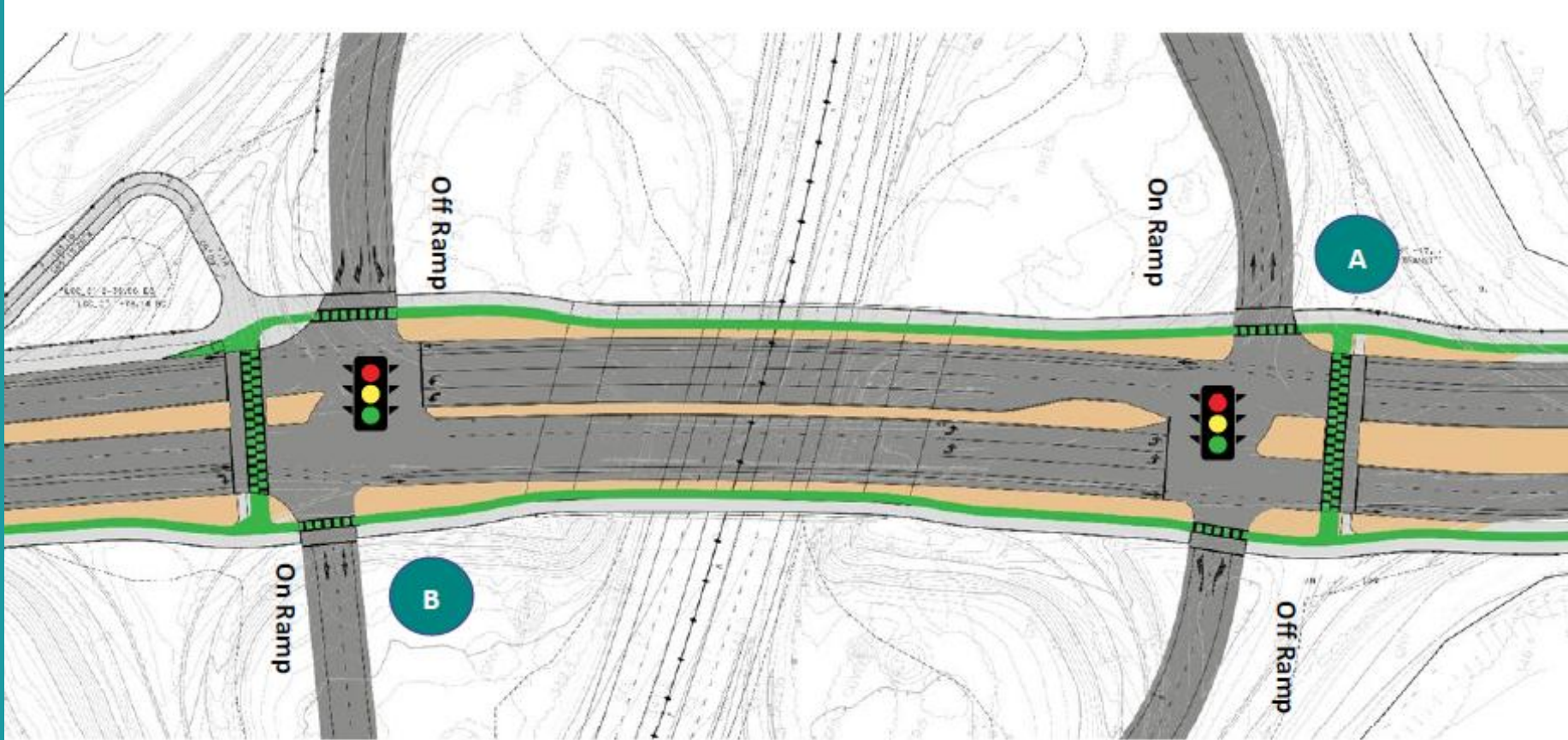
Interchange - Partial Clover Leaf



- A** Signal Separated Crossing
- B** Ramps meet the local road as close to 90 degrees as possible
- C** Separated Bikeway



Interchange - Diamond



Design Features

- A** Signal Separated Crossing
- B** Separated Bikeway

Interchange – Diamond

Conceptual Rendering



Conceptual Rendering



Interchange – Grade Separated Crossings

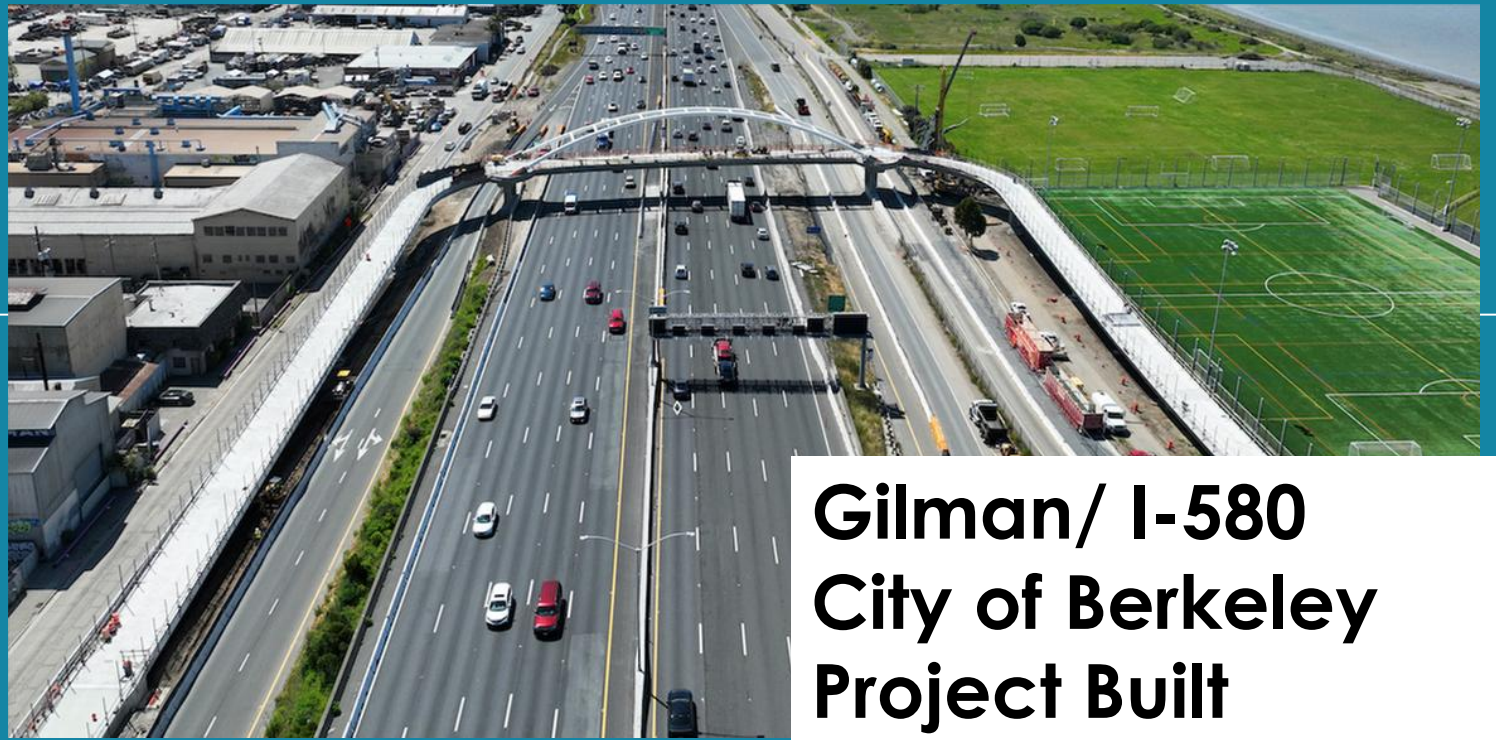


US 101/ Blossom Hill Rd interchange in Santa Clara County

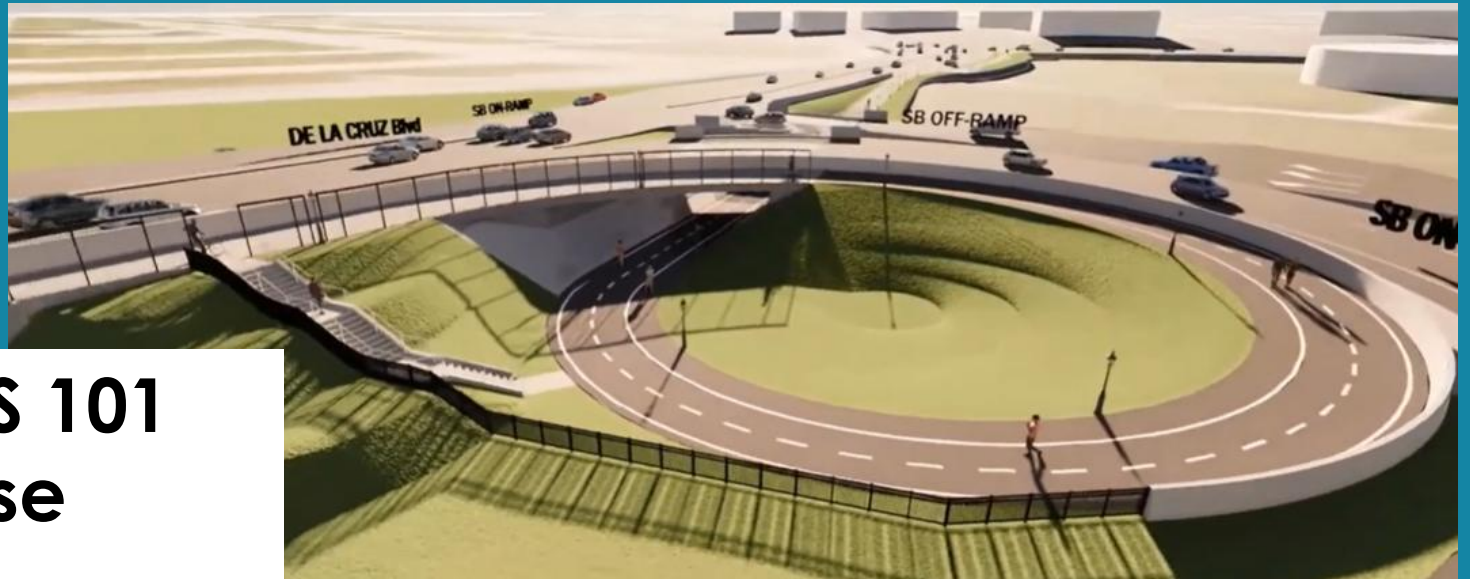


**US 101/ Blossom Hill Rd in the City of San Jose
Project Built**

Interchange – Grade Separated Crossings

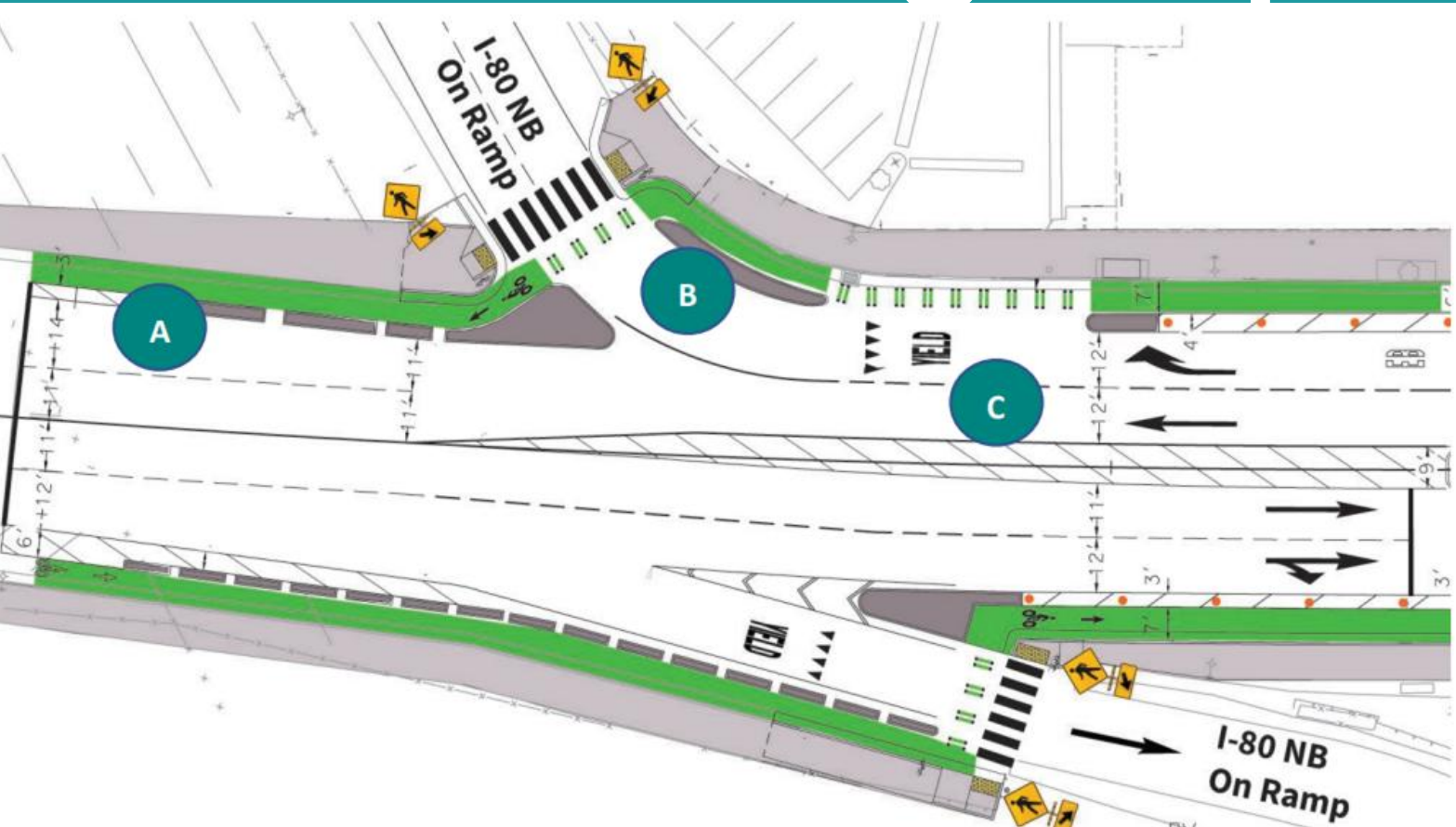


**Gilman/ I-580
City of Berkeley
Project Built**



**De La Cruz/ US 101
City of San Jose
Project Built**

Interim Design Option

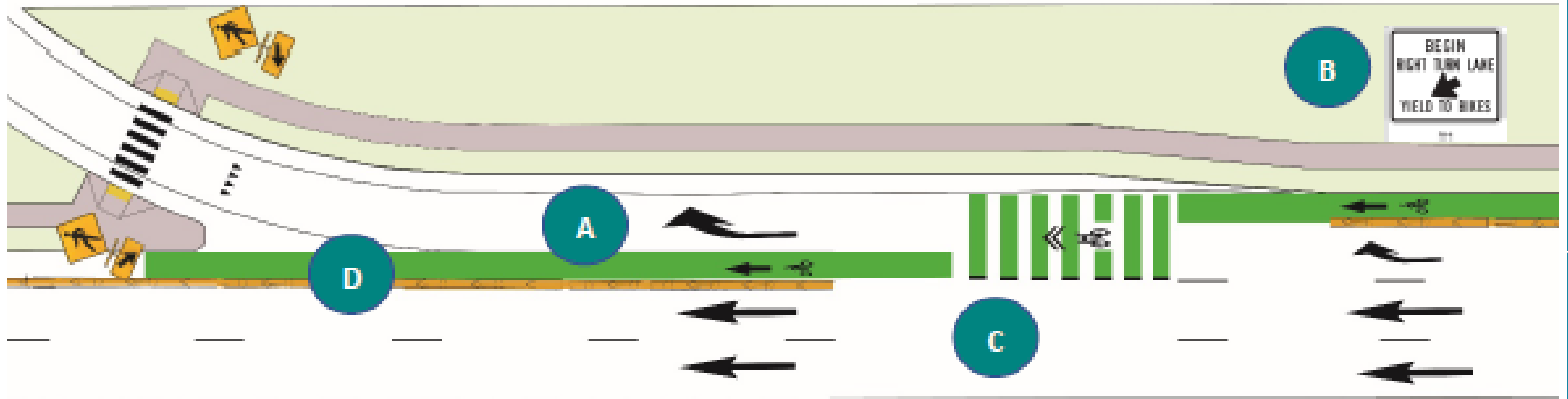


Interchange Interim Design
Option 1 On ramp Tight Merge



Cutting Blvd/ I-80
City of El Cerrito
Project Built

Interim Design Option



Interchange Interim Design
Option 2 On ramp Direct Path

Auto Mall Pkwy/ I-880
City of Fremont
Project Built

Interim Design Option



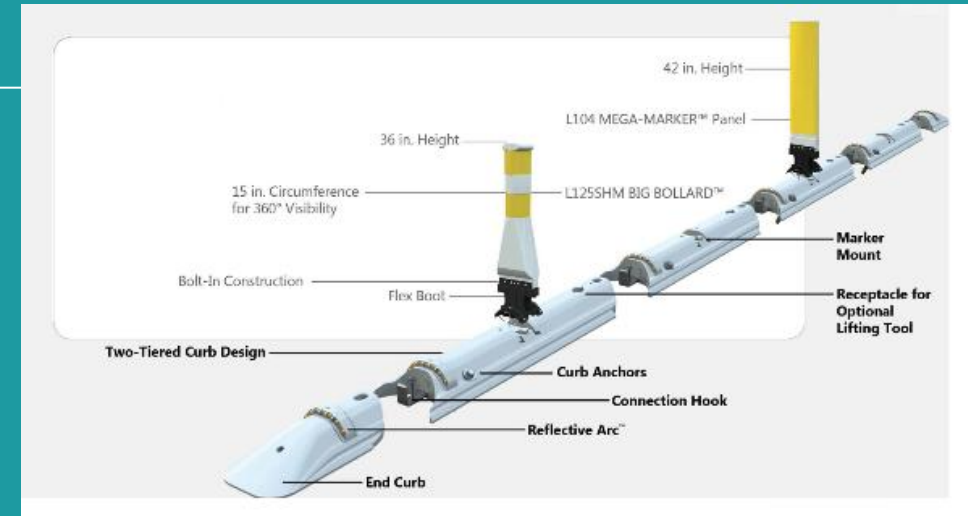
**Auto Mall Pkwy/ I-880
City of Fremont
Project Built**



Partially Separated Floating Bike Lanes



**Auto Mall Pkwy/ I-880
City of Fremont
Project Built**



Any questions or comments
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Caltrans Bicycle Best Practices
is available online at

<https://dot.ca.gov/caltrans-near-me/district-4/d4-programs/d4-transplanning-local-assistance/d4-office-of-transit-and-active-transportation/d4-bike-plan-info>

