

## Grossman, Rachel M

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**From:** Patel, Atul I  
**Sent:** Monday, January 09, 2012 10:52 AM  
**To:** Grossman, Rachel M; Murphy, Justin I C  
**Subject:** FW: Bike Lanes on Willow Rd 101 Overpass.  
**Attachments:** Willow Rd 101 Bike Lanes.pdf; University Ave 101 Bike Lanes.pdf

Rachel/Justin,

This email was sent this morning to Chip and I regarding the feasibility of bicycle lanes on Willow and University interchanges with US 101. We may want to fwd onto F&P and DKS for their review and thoughts too.

Thanks,

Atul

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**From:** Andrew Boone [<mailto:nauboone@gmail.com>]  
**Sent:** Monday, January 09, 2012 9:10 AM  
**To:** Taylor, Charles W; Patel, Atul I  
**Subject:** Bike Lanes on Willow Rd 101 Overpass.

Chip and Atul,

Because no documented roadway dimensions for the Willow Rd 101 Overpass are available (that I know of), we were all unsure whether or not bike lanes could be placed on the overpass and meet Caltran's design guidelines.

So volunteers from the Silicon Valley Bicycle Coalition (SVBC) measured each of the vehicle lanes and created the attached drawings that the existing conditions and a proposed striping design for the overpass (and the University Ave overpass).

We found that indeed it should be possible to include bike lanes on the overpass, but of course any such design would need to be reviewed and approved by Caltrans.

I'll present this at tonight's Bicycle Commission meeting. Otherwise, my presentation tonight will be very similar to the one I made at December's Bicycle Commission.

Thanks.

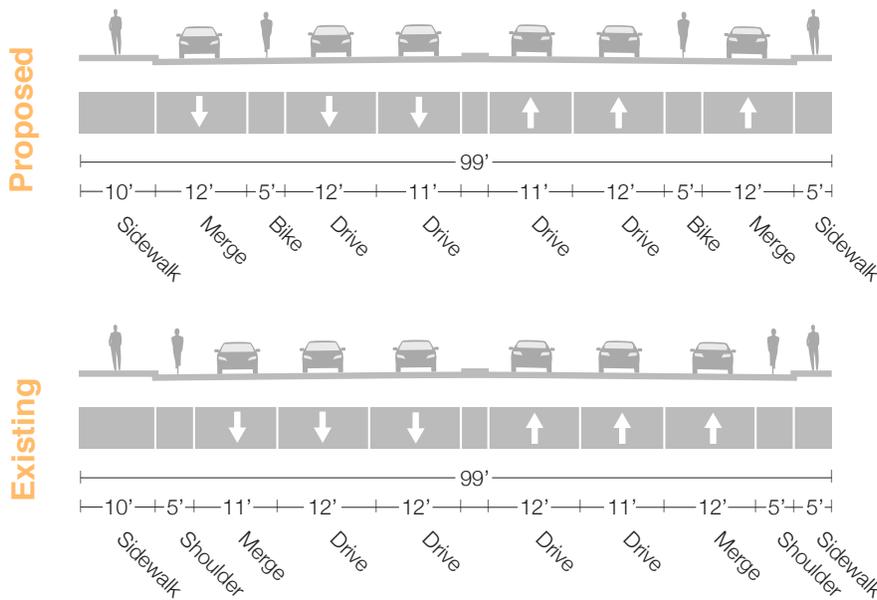
- Andrew Boone, Silicon Valley Bicycle Coalition (SVBC)

# Bike Lanes for Willow Road/US 101

Willow Road is a direct and convenient connection between Menlo Park Caltrain, the Facebook Campus, and destinations North of 101. lacks bike facilities and is an intimidating gap for cyclists

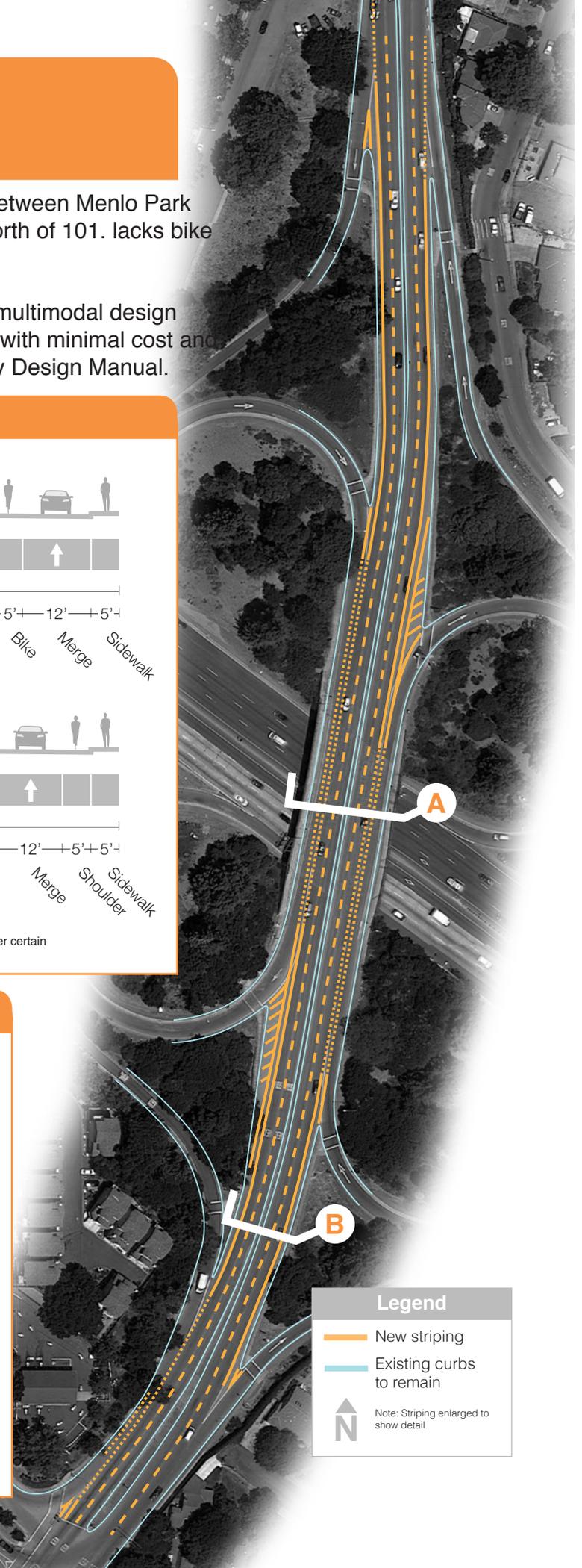
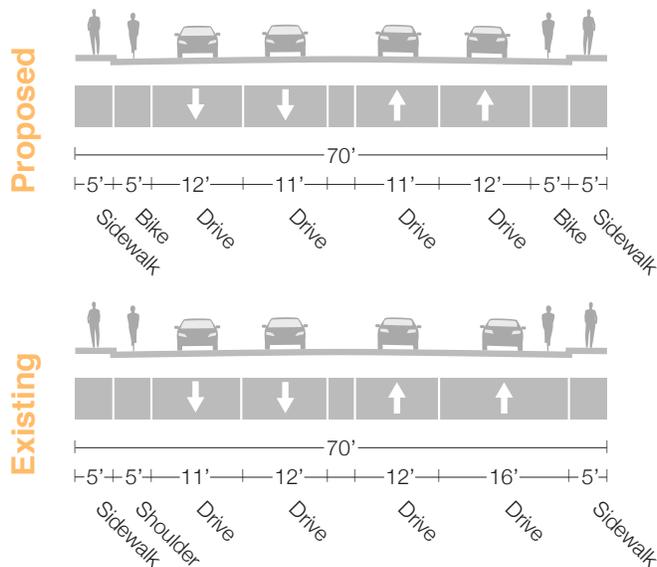
While this interchange will eventually be rebuilt with multimodal design standards, the current structure can be reconfigured with minimal cost and according to guidelines in the Draft Caltrans Highway Design Manual.

## Section A: Overpass



Note: Index 301.1 in the Caltrans Draft Highway Design Manual allows 11' lanes under certain conditions.

## Section B: Overpass Approach



**Legend**

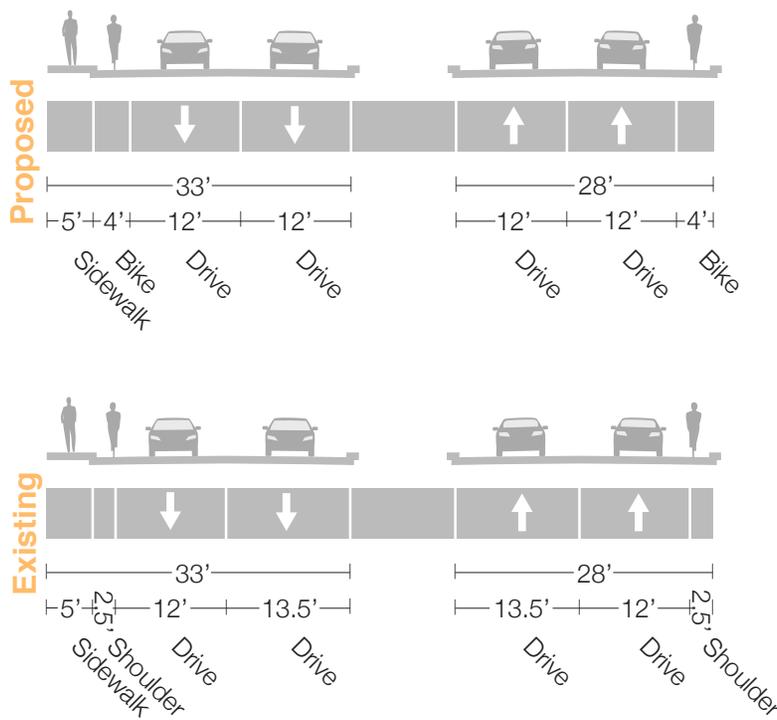
- New striping
- Existing curbs to remain
- Note: Striping enlarged to show detail

# Bike Lanes for University Ave/US 101 Bridge

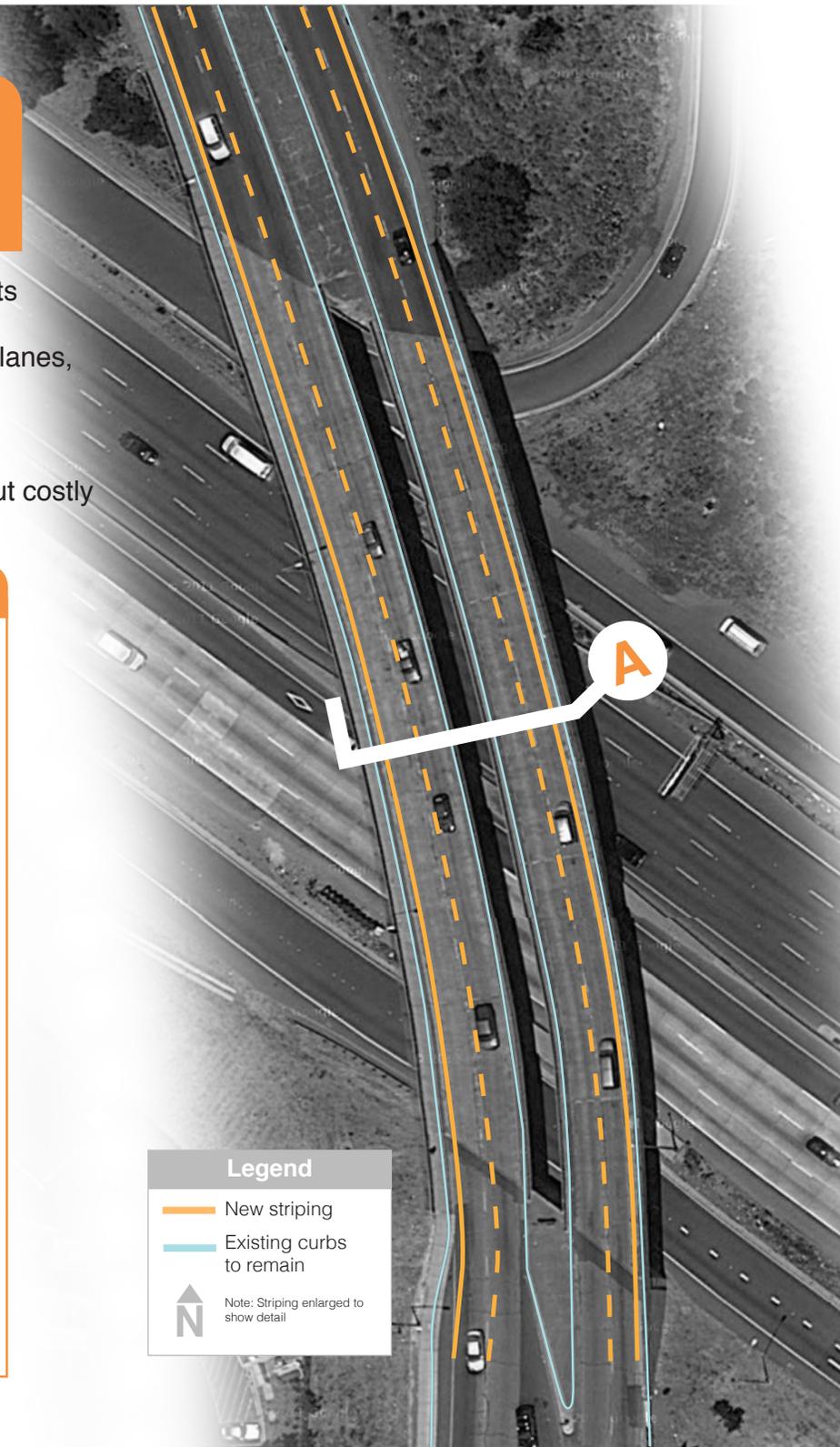
The University Avenue corridor is a direct and convenient link for bicyclists traveling between the Palo Alto Caltrain station, East Palo Alto and the Facebook campus. While many sections of University Avenue have bike lanes, the 101 overpass is an intimidating gap that lacks bicycle facilities.

While this structure will eventually be replaced, bicycle lanes can be accommodated on the existing bridge as a short term solution and without costly modification to street width or existing curbs.

## Section A: Overpass



Note: 4' bike lanes on the bridge deck are feasible as the roadway is a continuous slab of concrete and lacks gutters.



**Legend**

- New striping
- Existing curbs to remain

Note: Striping enlarged to show detail