

Mesa Lane/Flora Vista Compact Roundabout Option

This option was deemed infeasible. This would likely be confusing for drivers, and larger vehicles would have trouble turning within the circle. Larger roundabouts would impact private property.

The project will focus on a traffic signal configuration. Due to traffic capacity constraints, the existing six-lane wide cross section is recommended to be retained.



Cliff Drive/SBCC West Campus Driveway Intersection

The roundabout at Cliff/Las Positas is about 115' in diameter. Cliff Drive is 64' wide, so the footprint of a standard roundabout would extend well beyond the existing curb lines. The engineering consultant was challenged to reduce the footprint as much as possible, and that effort is shown below. Even with a reduced size/footprint, the roundabout would extend into the Arroyo Honda area in the southeast quadrant (and this sketch doesn't include the sidewalks around the roundabout). Due to size and space considerations, this options was deemed infeasible. The project will instead include a traffic signal at this intersection.



Cliff Drive/Loma Alta/SBCC East Campus Driveway Intersection

The challenge at the Loma Alta intersection is the spacing to the East Campus Driveway. The driveway and intersection are too close to be treated separately as roundabout, so they would have to be combined as shown below. South of Cliff Drive, there is a steep slope towards the ocean, and building this configuration would require significant grading and retaining walls. Providing level ADA complaint crosswalks would be very challenging. Determining the exact cost would require spending a significant amount of money on preliminary engineering. However, we can tell this would be a very expensive improvement and well beyond potential funding availability. This configuration has been deemed infeasible. The project instead will include traffic signals at Loma Alta and the East Campus Driveway. The coordination of the traffic signals will be very important because of the spacing.

