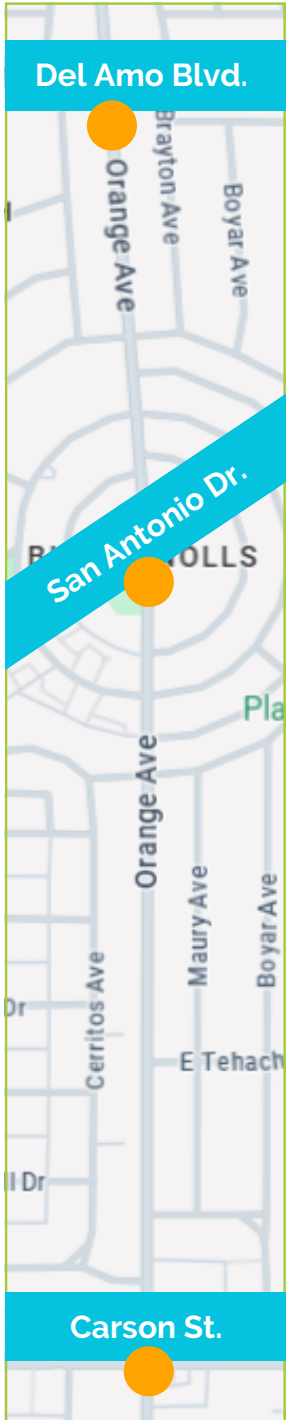
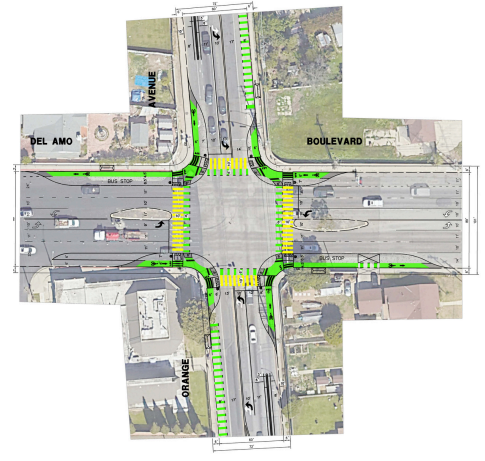


Protected Intersection



Proposed protected intersections at Orange Avenue and Del Amo Boulevard, San Antonio Drive and Carson Street

The design for the proposed protected intersections in this project follow innovative design features that enhance the safety of community members; such as physical barriers, reflective paint, and strategic placement of other elements.



Key Features

Corner Refuge Islands or Curb Extension/Bulbout

Cyclists waiting to cross are protected by a physical buffer between vehicles and the bike lane.

Setback Crosswalks and Bike Lanes

The bike lane is set back from the vehicle travel lane before the intersection, increasing visibility for turning vehicles and giving cyclists a safe space to wait.

Forward Stopping Lines

Cyclists are positioned ahead of cars at the intersection, making them more visible to drivers and allowing them to start crossing before cars move.

Highly Visible Markings

Bold green paint is used to highlight the bike crossing path, signaling drivers to yield to cyclists.

Dedicated Signal Phasing

Some protected intersections are planned to include dedicated traffic signals for cyclists, allowing them to cross the intersection separately from vehicles.

Key Benefits



Improved Safety

Reduces the risk of vehicles making right turns colliding with cyclists.



Encourages Active Mobility Choices

Safer intersections encourage people to use the roadway with transit options outside of personal vehicles, promoting healthier lifestyles.



Increased Visibility

Cyclists are more visible to drivers