

Typical Use

- Protected intersections are usually provided to create shorter, simpler crossings, more predictable movements, and better visibility between people on bikes and people driving.

Design Features

- Setback bicycle crossing of 15-20 feet allows for to queue while yielding.
- Corner islands with a 15-20 corner radius slows motor vehicle speeds.

Further Considerations

Pedestrian crosswalks may need to be further set back from intersections in order to make room for two-stage queueing boxes.

Advantages

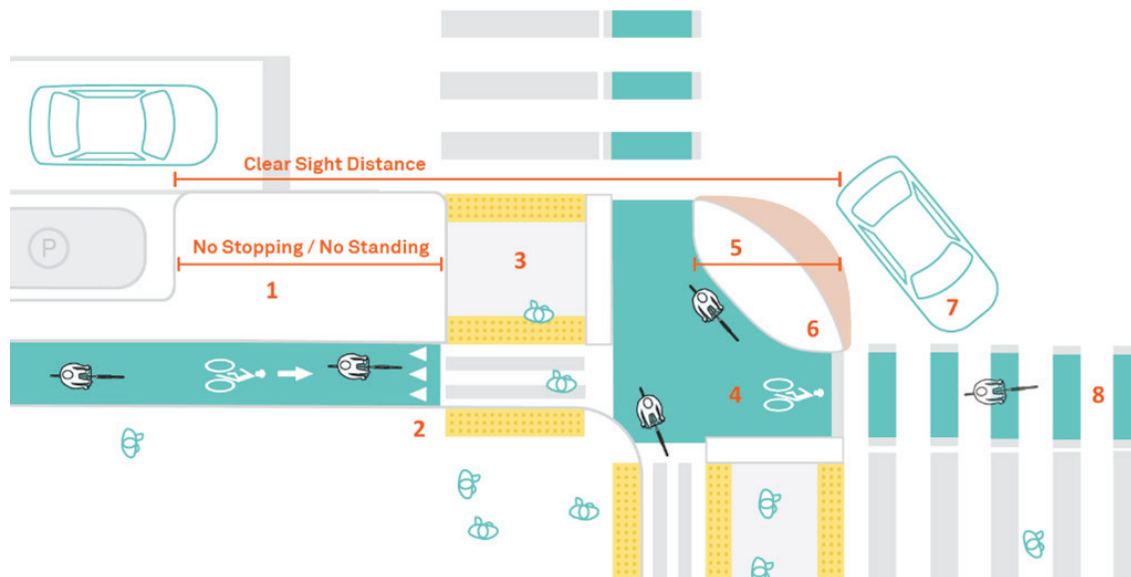
- Helps reduce conflict between right turning motorists and cyclists by reducing turning speeds.

Disadvantages

- • Bicycle and pedestrian confusion at the beginning of implementation.

Materials & Maintenance

- Wayfinding and directional signage should be provided to help cyclists navigate through the intersection.
- Bikeways with protected concrete can be swept by street sweeper vehicles with narrow widths.



Protected Intersections

Protected Intersections give bikeways a set back from the parallel motor vehicle traffic. Unlike at conventional intersections, people biking are not forced to merge into mixed traffic. Instead, they are given a dedicated path through the intersection, and have the right of way over turning motor vehicles.