## Bikeway Classification Overview

<table>
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<th>Discussion</th>
<th>Design Example</th>
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<tbody>
<tr>
<td>Caltrans has defined three types of bikeways in Chapter 1000 of the Highway Design Manual: Class I/Shared Use Path, Class II/Bike Lane, and Class III/Bike Route. This document uses the generic terms “shared use path”, “bike lane” and “bike route”.</td>
<td><img src="image1.jpg" alt="Class I Shared Use Bike Path" /></td>
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</tbody>
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### Design Summary

**Class I Path Width:**

- 8 feet is the minimum allowed for a two-way bicycle path and is only recommended for low traffic situations.
- 10 feet is recommended in most situations and will be adequate for moderate to heavy use.
- 12 feet is recommended for heavy use situations with high concentrations of multiple users such as joggers, bicyclists, rollerbladers and pedestrians. A separate track (5’ minimum) can be provided for pedestrian use.

**Class II Bike Lane Width with Adjacent On-Street Parking:**

- 5’ minimum recommended when parking stalls are marked.

**Bike Lane Width without Adjacent Parking:**

- 4’ minimum when no gutter is present (rural road sections).
- 5’ minimum when adjacent to curb and gutter (3’ more than the gutter pan width if the gutter pan is greater than 2’).

**Recommended Width:**

- 6’ where right-of-way allows.

**Class III Lane Width for Bicycle Route With Wide Outside Lane:**

- Fourteen feet (14’) minimum is preferred. Fifteen feet (15’) should be considered if heavy truck or bus traffic is present. Bike lanes should be considered on roadways with outside lanes wider than 15 feet. This treatment is found on all residential streets, collectors, and minor arterials.

**Emeryville Greenway**

The off-street portion of the Emeryville Greenway is a multi-use path consisting of a 10-foot concrete bikeway and 6-foot wide decomposed granite walking path. These are separated by a 4-foot wide planting strip.

### Guidance

- Caltrans Highway Design Manual (Chapter 1000: Sections 1003.1(1) and (2), 1003.2(1), 1003.3(1), and 1003.5)
- California MUTCD Chapter 9
- AASHTO Guide for the Development of Bicycle Facilities, Chapter 2
Figure 6-1: County of Monterey Bikeway Projects (North)