

Portland



San Francisco



Palo Alto



Next Steps



Adopt design guidelines that include standards for on-street bike corrals.



Establish city policies for maintenance and liability. Bike corral maintenance can be sponsored by agreements with Business Improvement Districts, single merchants, or worked into street sweeping.



Work with local merchant champions. Many businesses identify benefits to their businesses resulting from bike corrals and will apply to have the facility installed.



Identify funding sources. Local funding may be available, project-by-project, or projects could be bundled with other improvements as part of grant applications. The anticipated cost for a bike corral is between \$1,500 and \$2,000.



Choose pilot projects to implement that are most likely to succeed. These should be sites with the strongest local support with pedestrian and bicycle volumes that indicate the most benefits.

Parisi Associates, Alta Planning + Design

References:

Bicycle Parking Guide, 2nd Edition. Association of Pedestrian and Bicycle Professionals

Bike Corrals: Local Business Impacts, Benefits, and Attitudes. Drew Meisel, Portland State University



Bike Corrals

Bicycle parking solutions for your community

Description

Bicycle corrals (also known as “on-street” bicycle parking) consist of bicycle racks grouped together in a common area within the public right-of-way traditionally used for automobile parking. Bicycle corrals are reserved exclusively for bicycle parking and provide a relatively inexpensive solution to providing high-volume bicycle parking. Bicycle corrals can be implemented by converting one or two on-street motor vehicle parking spaces into on-street bicycle parking.

Benefits

- On-street bicycle parking is particularly attractive for commercial corridors where the high demand for bicycle parking begins to constrain the available space within the sidewalk.
- Corrals can provide parking for up to ten bicycles within one automobile parking space
 - Corrals provide additional space on the sidewalk for walking, street furniture, and cafe-style seating.
 - Corrals can improve visibility at intersections by eliminating the opportunity for large vehicles to obstruct a corner

Locating a Bike Corral

Bicycle corrals can be considered instead of bicycle parking on the sidewalk where:

- High pedestrian activity or narrow sidewalk width limits available space for sidewalk bike racks.
- There is a moderate to high demand for short-term bicycle parking.
- The business community is interested in sponsoring the bicycle corral.

The facility should be located as close as possible to the entrances of high-demand locations. On dense commercial corridors, it is likely that a corridor will usually benefit a cluster of businesses, however in these cases, customers are unlikely to park their bicycle more than 100 feet from their destinations.

Street corner locations are desirable to increase the visibility of the corral and to enhance motorist visibility at corners. Bollards or rubber curbs will help to protect bicycles from motor vehicle traffic.

Design Considerations



Accessible to Street, but protected from motor vehicles

Inverted U-Racks on rails, Spaced 36" Apart

Avoid hazards: Flooding, manholes, bus stops, bus turning movements

Visible Corner Location

60-degree angle provides maneuvering zone

Photo: Bike Portland