



# TOWN OF FAIRFAX

## STAFF REPORT

### June 1, 2016

**TO:** Mayor and Town Council

**FROM:** Garrett Toy, Town Manager 

**SUBJECT:** Discussion/consideration of the type of bike racks to install in the permanent bike corral location on the corner of Broadway and Bolinas

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#### **RECOMMENDATION**

Discuss/consider the type of bike racks to install in the permanent bike corral location on the corner of Broadway and Bolinas and direct staff as appropriate.

#### **DISCUSSION**

In November 2014, the Council approved the installation of a temporary metal bike rack at the corner of Broadway and Bolinas Road. The intent was to provide a safe location for bike storage so that bicycles would not be stored on the sidewalk, creating an obstacle for pedestrians. As part of the installation, the parking space adjacent to the bike racks was converted into a yellow loading zone.

Staff provided Council with status reports on the bike rack usage at its January and June 2015 meetings. In December 2015, the Council approved the replacement of the temporary bicycle racks at Broadway and Bolinas with permanent bicycle racks.

Staff intends to follow the guidelines for bike corrals per the SF Municipal Transit Authority (SFMTA) and install racks consistent with the Bicycle Parking guidelines as recommended by the Association of Pedestrian and Bicycle Professionals (APBP). Both documents are attached as reference and recommended by Parisi Transportation Consulting.

The current location is approximately 10 ft. by 23 ft. For a permanent rack installation, we would keep the existing delineators, paint a solid white line around the corral and install 5-6 U-shaped bike racks which can accommodate 10-12 bikes. The current temporary bike rack is a comb-type rack which is not recommended by APBP. However, the Town can install any type of rack it wants.

Attached are pictures of different types of bike racks which include custom designs, racks which allow businesses/town logos, and other racks. The Bay Area Air Quality Management District (BAAQMD) administers a bicycle rack voucher program for communities, but it is limited to a maximum of \$60 per bicycle parking space created. For example, if a bicycle rack is designed to hold two bicycles at a time that rack is eligible for up to the full cost of the bicycle rack, not to exceed \$120. Racks can only be purchased from the five vendors participating in the BAAQMD program.

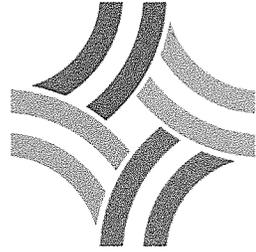
While staff recommends keeping with the U-shaped bike racks as the standard for the Town, the type of rack will depend on the Council's objectives. If the objective is to maximize the number of bikes in the corral, we could use an angled or toast type rack. If the objective is more decorative racks, we could install loop racks or custom racks such as the "bike" bike rack. If the objective is to encourage businesses to participate in the costs, we could offer the racks that allow for business logos. Attached are images of the various types of racks.

### **FISCAL IMPACT**

Depends on the type of bike rack. For example, a standard U-shaped rack is approximately \$100-120, but a bike-shaped rack would cost about \$500. Staff can submit an application to the Bay Area Air Quality Management District for grant funding for bike racks once a type of rack has been selected. Business sponsorship of racks would also help to offset costs.

### **ATTACHMENTS**

1. SFMTA guidelines
2. APBP guidelines
3. Pictures of rack types



**SFMTA**  
Municipal  
Transportation  
Agency

# Bicycle Parking: Standards, Guidelines, Recommendations



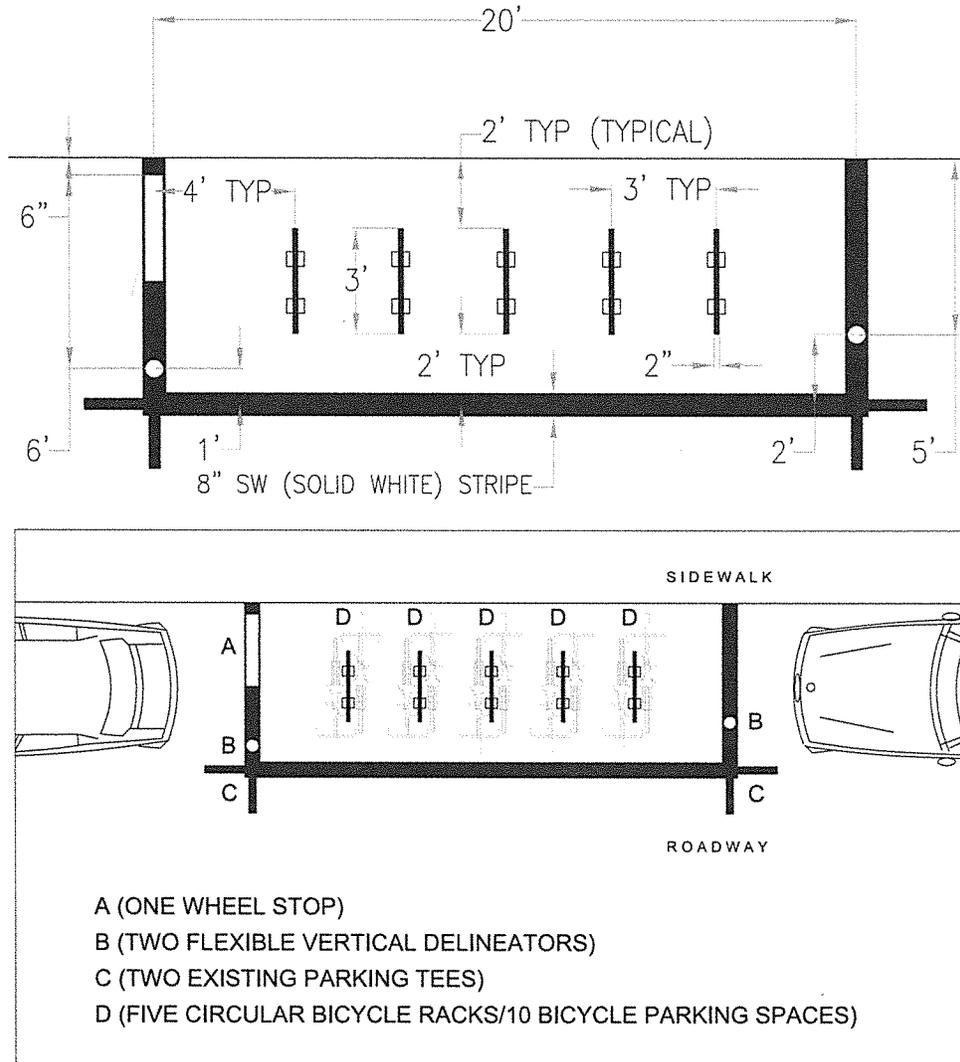
Updated: December 3, 2015

Created: November 18, 2011

## ON-STREET BICYCLE PARKING CORRALS

On-street bicycle parking corrals are bicycle racks placed in the roadway parking lane where demand for bicycle parking is greater than can be accommodated by sidewalk racks. As shown in Figure 6 below, bicycle corrals consist of a row of racks surrounded by a white box painted on the street, flexible delineators and a wheel stop at the end of the corral where vehicles are likely to back-in while parking. The SFMTA only installs corrals where the fronting business completes an application and agrees to sweep and maintain the area in and around the corral, keeping it free from debris.

Figure 6 Specifications for Typical On-Street Bicycle Corral with Standard Circular Bicycle Rack



The SFMTA also installs on-street bicycle parking corrals in non-metered and non-marked parallel and angled car parking spaces. At locations where car parking spaces are not marked, the SFMTA considers the total space available along the proposed parking lane segment and uses excess space for a bicycle corral that cannot be used for car parking. If this space does not accommodate enough bicycle racks to meet the bicycle parking demand, then the SFMTA will repurpose one additional car parking space for the bicycle corral in addition to any excess space.

# BICYCLE PARKING



# GUIDELINES

*A set of recommendations from the Association of Pedestrian and Bicycle Professionals [apbp]*



"I would ride to work if there was a safe place to lock my bike."

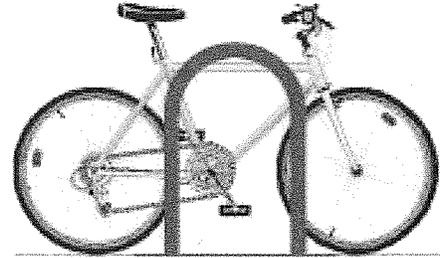
ATTACHMENT 2

# 1. THE RACK ELEMENT

Definition: the rack element is the part of the bike rack that supports one bicycle.

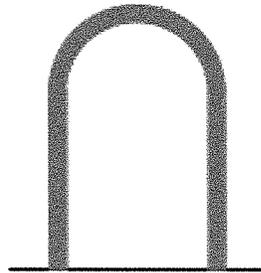
The rack element should:

- Support the bicycle upright by its frame in two places
- Prevent the wheel of the bicycle from tipping over
- Enable the frame and one or both wheels to be secured
- Support bicycles without a diamond-shaped frame with a horizontal top tube (e.g. a mixte frame)
- Allow front-in parking: a U-lock should be able to lock the front wheel and the down tube of an upright bicycle
- Allow back-in parking: a U-lock should be able to lock the rear wheel and seat tube of the bicycle

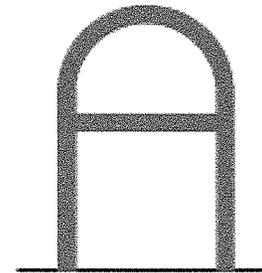


Comb, toast, school-yard, and other wheel-bending racks that provide no support for the bicycle frame are NOT recommended.

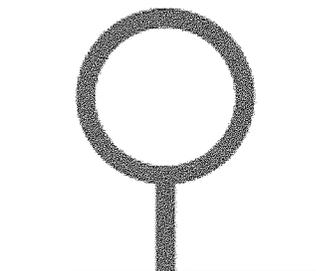
The rack element should resist being cut or detached using common hand tools, especially those that can be concealed in a backpack. Such tools include bolt cutters, pipe cutters, wrenches, and pry bars.



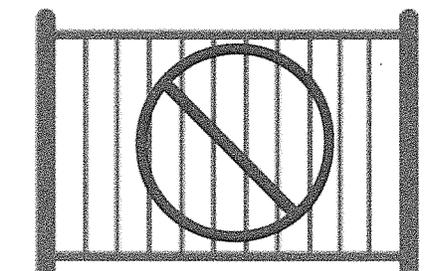
**INVERTED "U"**  
One rack element supports two bikes.



**"A"**  
One rack element supports two bikes.



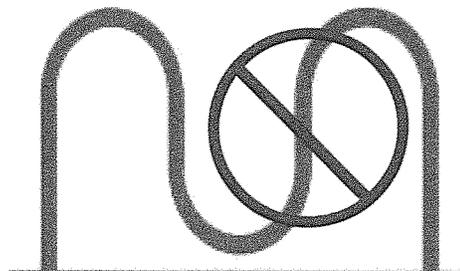
**POST AND LOOP**  
One rack element supports two bikes.



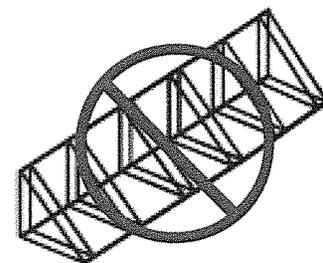
**COMB**  
One rack element is a vertical segment of the rack.



**Not recommended**

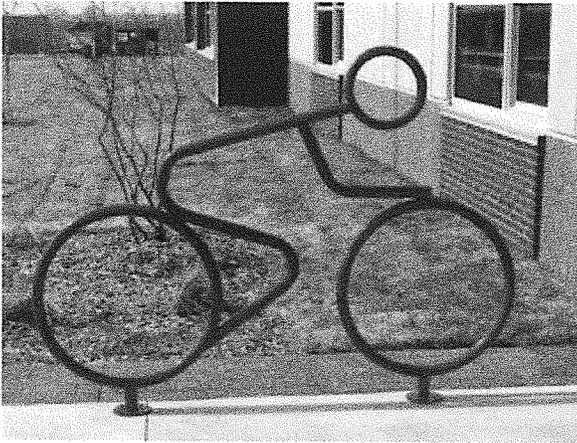


**WAVE**  
One rack element is a vertical segment of the rack.  
(see additional discussion on page 3)

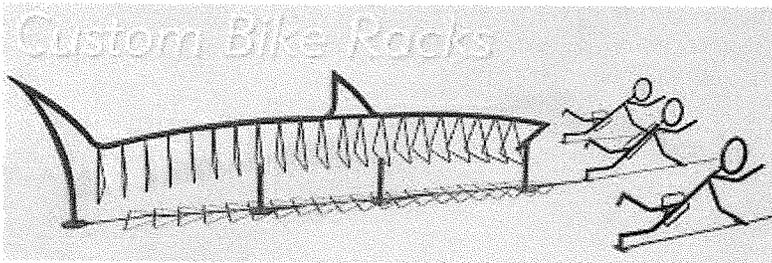
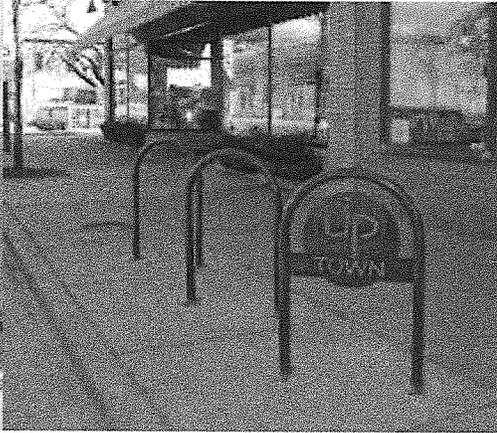


**TOAST**  
One rack element holds one wheel of a bike.

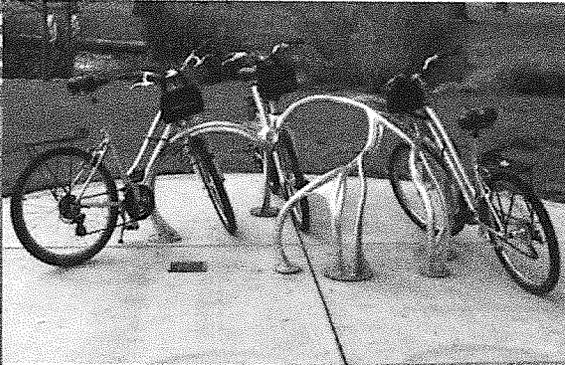
Custom Rack/Bike Bike Rack



Logo and U shaped racks

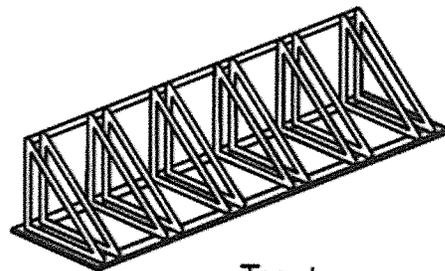
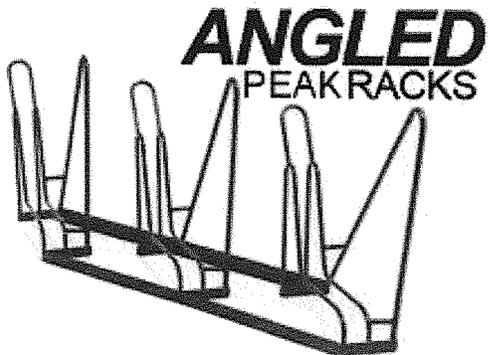


Logo Rack



Art Work Rack

Angeled Rack



Toast

One rack element holds one wheel of a bike

