

Application, Review and Installation Process for In-Street Bike Parking Corrals

OVERVIEW - What is an on-street bicycle parking corral?

Description

An on-street bicycle parking corral (“corral”) is a group of bike racks installed adjacent to the curb in the parking lane of the roadway. The area is dedicated for bicycle parking and is differentiated from other uses of the parking lane by pavement markings, wheel stops, delineators, and/or flexible bollards. Corrals can be installed where the demand for bike parking is higher than can be reasonably accommodated on the sidewalk without impeding the pedestrian walkway and/or creating accessibility issues for adjacent parking spaces.

CORRAL APPLICATION, EVALUATION, AND INSTALLATION PROCESS

Corrals will be installed in response to an Application from merchants or property owners, as detailed below.

Definitions

“Applicant,” below, refers to the merchant or owner of the property immediately adjacent to the proposed corral. This is the street address location for the corral. Only merchants or property owners may submit an application for a bike corral in front of their street address.

“Maintenance Partner,” below, refers to the individual or organization entering into the Maintenance Agreement with the City of Berkeley. Typically this will be the Applicant, however, an adjacent merchant or property owner or the local merchants’ group or Business Association may also agree to maintain the corral on behalf of the Applicant.

Corral Application Process

1. Applicant completes an **On-Street Bicycle Parking Corral Application** (“Application”) and an **On-Street Bicycle Parking Corral Maintenance Agreement** (“Maintenance Agreement”) and submits copies of both (not originals) to the Bicycle & Pedestrian Program at EAnderson@ci.berkeley.ca.us or (510) 981-7062.
2. City staff conducts a preliminary screening survey of the site and may contact the applicant with follow-up questions. At this stage, replacement of yellow zones, automobile parking, and other activities that will require the Applicant to perform community outreach will be ascertained.
3. If the location is preliminarily approved, Applicant conducts outreach to adjacent businesses and/or property owners on the block face where the proposed corral is to be located. As appropriate, Applicant uses additional signature blocks on the Application to document support for the corral.
 - a. In cases where an existing yellow, white, green, or blue zone will be converted to a corral, the Applicant must get signatures from the merchants or property owners to either side of the street address where the proposed corral is to be located.

- b. In cases where automobile parking will be converted to a corral, the Applicant must get signatures from a majority of merchants or property owners on the same block face where the proposed corral is to be located. Majority is defined as 50% of the merchants or property owners +1.
4. Public Works Department staff conducts a detailed field survey to determine final site suitability. Detailed measurements of the corral area and adjacent parking spaces and travel lanes are taken and observations of bike parking demand and traffic patterns are made.
 - a. *If a corral is recommended*, staff will draft a basic dimensioned site plan and circulate it, internally, for review by Traffic Engineering and Public Works Right of Way staff. Next, the drawing is shared with the Applicant. The corral will not be installed until the Applicant has approved the proposed layout.
 - b. *If a corral is not recommended*, the Applicant and requestor will be notified and the reason for denial will be given. Reasons for denial include but are not limited to, no evidence of demand, poor sight lines, and deteriorated pavement on which bike racks cannot be mounted. If the location is denied, staff will evaluate the installation of sidewalk racks.
5. Once the Applicant has approved the corral, Public Works Department Staff posts a public notice at the proposed location and distributes notices to all property owners and/or merchants on the block face where the corral is to be located.
6. If no insurmountable stakeholder objections are presented, the corral will be scheduled for installation by an outside contractor selected through a bid process. (See the next section for an explanation of the process to resolve disputes.) The timeline for installations is subject to contractor availability, weather, materials in stock, and other factors.
7. Maintenance Agreement must be renewed each year on January 1st. If the fronting business closes or changes hands the Sponsor is responsible for notifying the Public Works Department and a new Maintenance Agreement must be signed and include all pertinent information about the new fronting business.

Appealing the decision to approve or reject a corral

At any time during the application review process, a stakeholder may present objections to City staff. Objections will be resolved on a case-by-case basis.

The following objections may be the basis for an appeal:

- A nearby location would better serve the same business(es) and the fronting business or property owner (or another Maintenance Partner) is willing to maintain the corral.
- The design doesn't meet the City's guidelines.
- A different number of racks than proposed should be installed.
- The corral will cause a demonstrable hardship to nearby businesses. Evidence of hardship must be provided to the City by the business or individual impacted by the proposed corral.

The following objections will not be considered as they have been addressed during the design and outreach process, or they are subjective:

- The corral is dangerous.
- The corral is ugly.
- The corral is unnecessary.
- The corral causes a hardship that cannot be proved or demonstrated.

If a location is rejected by City staff, the Applicant may appeal the decision by demonstrating how the location meets the goals and guidelines of the In-Street Bicycle Parking Corral Program.

Grounds for Removal of a Corral

At any time following installation of the corral, a stakeholder may present objections to City staff. Objections will be resolved on a case-by-case basis.

The following objections may initiate an investigation into removing a corral:

- The corral is causing a demonstrable hardship to nearby businesses. Hardship must be proved by the business or property owner or individual who is or may be impacted by the corral.
- The corral is in an unsafe location.
- The corral is not being used.

The following objections will not be considered as they have been addressed during the design and outreach process, or they are subjective:

- The corral is dangerous.
- The corral is ugly.
- The corral is unnecessary.
- The corral causes a hardship that cannot be proved or demonstrated.

City of Berkeley Bicycle Corral Application

Proposed Corral Location Street Address: _____

Name of fronting business: _____

Name of fronting business owner: _____

Property owner name: _____

Property owner mailing address: _____

Application is hereby made to the City of Berkeley Public Works Department to install an on-street bicycle parking corral at the address listed above.

Signature (Applicant): _____ Date: _____

Print Applicant Name: _____

Applicant is: ___ Fronting business owner ___ Property owner

Applicant phone #: _____ Applicant email address: _____

If multiple businesses occupy the fronting property and applicant is not the property owner, please include additional signatures:

Signature (business owner): _____ Date: _____

Print Name: _____ Business name: _____

Contact phone #: _____ Contact email address: _____

Signature (business owner): _____ Date: _____

Print Name: _____ Business name: _____

Contact phone #: _____ Contact email address: _____

Upon receipt of the signed application and maintenance agreement, Public Works Department staff will contact the applicant to discuss outreach next steps.

Outreach Approval Signatures (complete after preliminary City approval of Application):

If an existing yellow, white, green, or blue zone will be converted to a corral, please provide signatures from the merchants or property owners to either side of the street address of the proposed corral:

Signature (business or prop. owner): _____ Date: _____

Print Name: _____ Business name: _____

Business address: _____

Contact phone #: _____ Contact email address: _____

Signature (business or prop. owner): _____ Date: _____

Print Name: _____ Business name: _____

Business address: _____

Contact phone #: _____ Contact email address: _____

If automobile parking will be converted to a corral, the Applicant must obtain signatures from a majority of business or property owners on the same block face where the proposed corral is to be located. Majority is defined as 50% of the business or property owners +1 (use additional pages if necessary):

Signature (business or prop. owner): _____ Date: _____
Print Name: _____ Business name: _____
Business address: _____
Contact phone #: _____ Contact email address: _____

Signature (business or prop. owner): _____ Date: _____
Print Name: _____ Business name: _____
Business address: _____
Contact phone #: _____ Contact email address: _____

Signature (business or prop. owner): _____ Date: _____
Print Name: _____ Business name: _____
Business address: _____
Contact phone #: _____ Contact email address: _____

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Business address: _____
Contact phone #: _____ Contact email address: _____

Signature (business or prop. owner): _____ Date: _____
Print Name: _____ Business name: _____
Business address: _____
Contact phone #: _____ Contact email address: _____

On-Street Bicycle Parking Corral Maintenance Agreement

1. Corral street address: _____

2. Party agreeing to maintain corral:

___ Fronting business owner ___ Property owner ___ Other Maintenance Partner

Name: _____

Contact person (if different from above): _____

Mailing address: _____

Phone #: _____ Email address _____

By signing below:

- a) The fronting Business Owner, Property Owner, or the Maintenance Partner, as applicable, for the proposed corral agrees to:
 - i. Sweep, remove, and dispose of debris in the corral and along the adjacent curb frontage (up to 20 ft in both directions) on both sides of the bicycle corral in the roadway at least every other week, and more frequently as needed to prevent the accumulation of debris.
 - ii. Visually inspect the corral on a weekly basis, and report any problems such as abandoned bikes, damage to bollards or racks, etc. to City of Berkeley 311.
- b) The fronting business or property owner acknowledges that the corral is for public use, and not for the exclusive use of any particular business.
- c) If resident complaints are received, the Transportation Division will notify the maintenance agreement holder (fronting business, property owner or Maintenance Partner) and may refer the complaints to Code Enforcement in the City Manager’s Office for review.

Signature: _____

Print Name: _____ Date: _____

Return by mail or email (attachment w/ scanned signatures required) to:

City of Berkeley, Public Works Department, Transportation Division
1947 Center Street, 3rd Floor, Berkeley, CA 94704

Email: EAnderson@ci.berkeley.ca.us

Questions? Contact us by phone at (510) 981-7010

CORRAL LOCATION REQUIREMENTS AND DESIGN GUIDELINES

Corral locations are identified by City staff or based on applications from merchants or property owners. Locations are subject to the support of the fronting business and/or property owner(s), and will be installed only where the fronting business, property owner, or other Maintenance Partner (Business Association, etc) signs a Maintenance Agreement. The installation of a corral prevents City street-sweeping vehicles from accessing the parking lane, therefore the agreement requires the maintaining party to hand sweep the corral area and dispose of debris, as well as monitor the corral's condition on an ongoing basis. Corrals in locations where the demand for bicycle parking exceeds available space for sidewalk racks will get the highest priority for installation.

Corrals may be installed at any location on the block so long as adequate space for buffering (typically six feet—three feet on each side) is available. Corrals at street block corners have the benefit of creating de facto curb extensions, shortening the street crossing distance for pedestrians, and improving sight lines for motorists turning into traffic from side streets.

Bicycle corrals may be installed in existing red zones (where deemed safe). They may also replace green, white, yellow, or blue zones or metered or unmetered parking stalls. In such cases, the process for developing consensus for converting existing automobile parking (zoned, metered, unmetered) to bicycle parking should be led by the applicant, as detailed in the Application materials.

Placement Standards:

- Bike corrals should be placed in red curb zones where possible.
- Corrals should not be placed in yellow, white, green, or blue zones unless the adjacent property owners or businesses have requested it be in such a zone and agree to relinquish the zone when the corral is installed.
- Corrals are prioritized at corners because they serve as de facto curb bulbouts for pedestrians. They should, however, be located five feet behind the crosswalk, subject to Traffic Engineering approval.
- Corrals should be located at least five feet from driveways, subject to Traffic Engineering approval.

CORRAL ELEMENTS

Corrals elements include the following (use of which may vary based on site conditions):

- Bicycle racks
- Buffers and barriers
 - Parking wheel stops
 - Delineators (safe-hit posts)
 - Striping (6" solid white corral perimeter/Bike boulevard stencils)
 - Red curb (external to corral perimeter)

Racks, wheel stops, and delineators all feature white reflective tape. The curb adjacent to the corral shall be unpainted (or painted grey). The curb next to the corral shall be painted red.

Bicycle Racks

See the **City of Berkeley Bicycle Parking Design Guidelines & Specifications** excerpt at the end of this document for information about the types of racks approved by the City of Berkeley as well as spacing and orientation guidelines.

Buffers and barriers

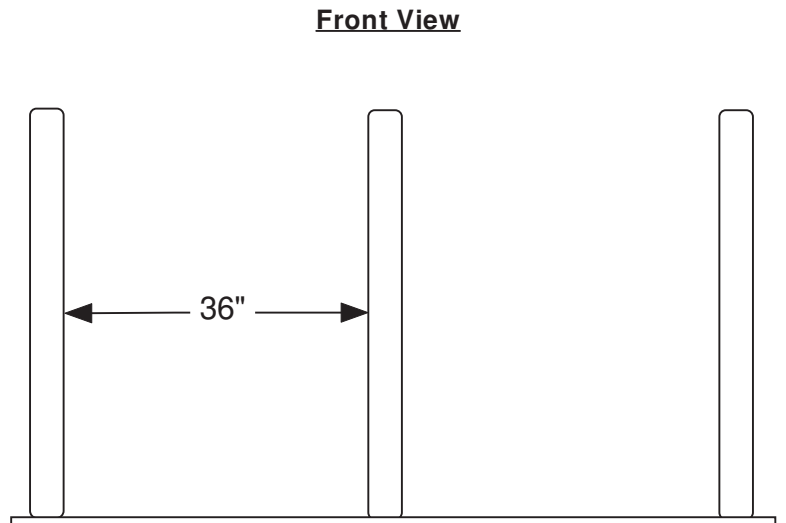
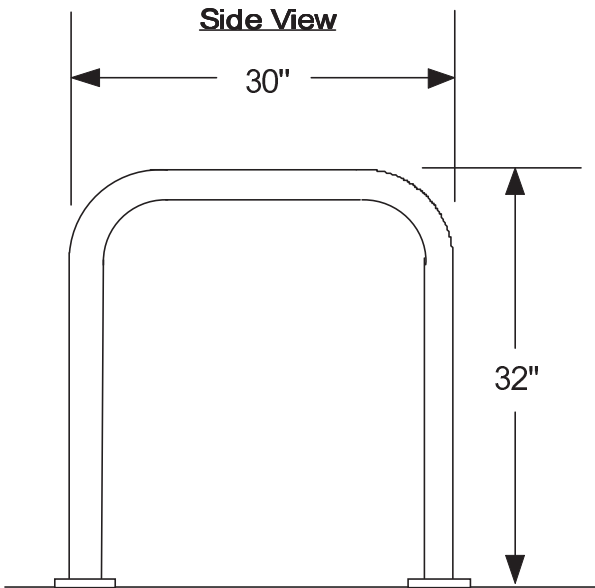
The purpose of buffers and barriers is to alert drivers to the presence of the racks (visually and, as a last resort, physically) and to protect bicyclists using the racks. Treatments are deployed based on the adjoining feature (crosswalk, driveway, intersection, parking space).

Corral buffers include pavement striping and red curb just outside the corral perimeter. A 6" white stripe is installed along the line separating the parking lane from the traffic lane. The corral edge stripe leaves a minimum 24" internal buffer (typical) to the rack element, and a minimum of 36" outside the perimeter to the adjoining feature. Two Berkeley Bike Boulevard Stencils are placed centered in openings at each end of corral. Parking Tees adjacent to the corral are installed (or refreshed).

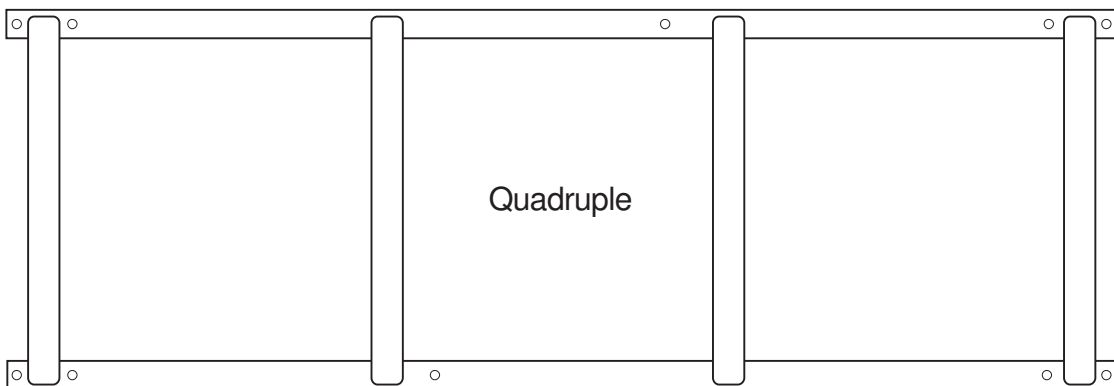
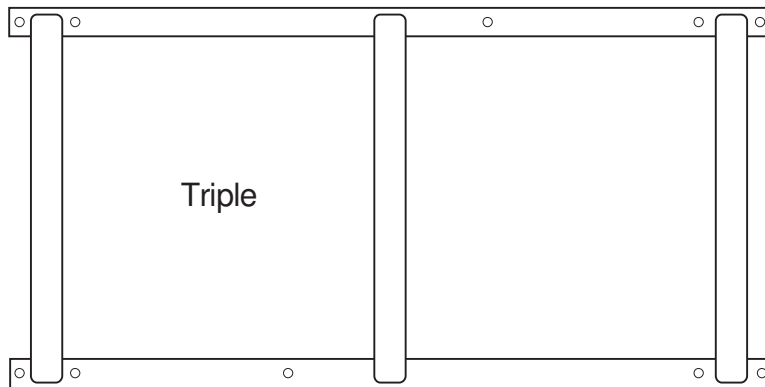
Corral barriers include reflective wheel blocks (6' long, 4" high, 6" wide, black recycled rubber w/ yellow reflective material) and delineators (Gorilla Post™, brown w/ white reflective material, Quick-Release 48" high).

City of Berkeley Bicycle Rack Specifications Rail Mounted Inverted U

September 2008

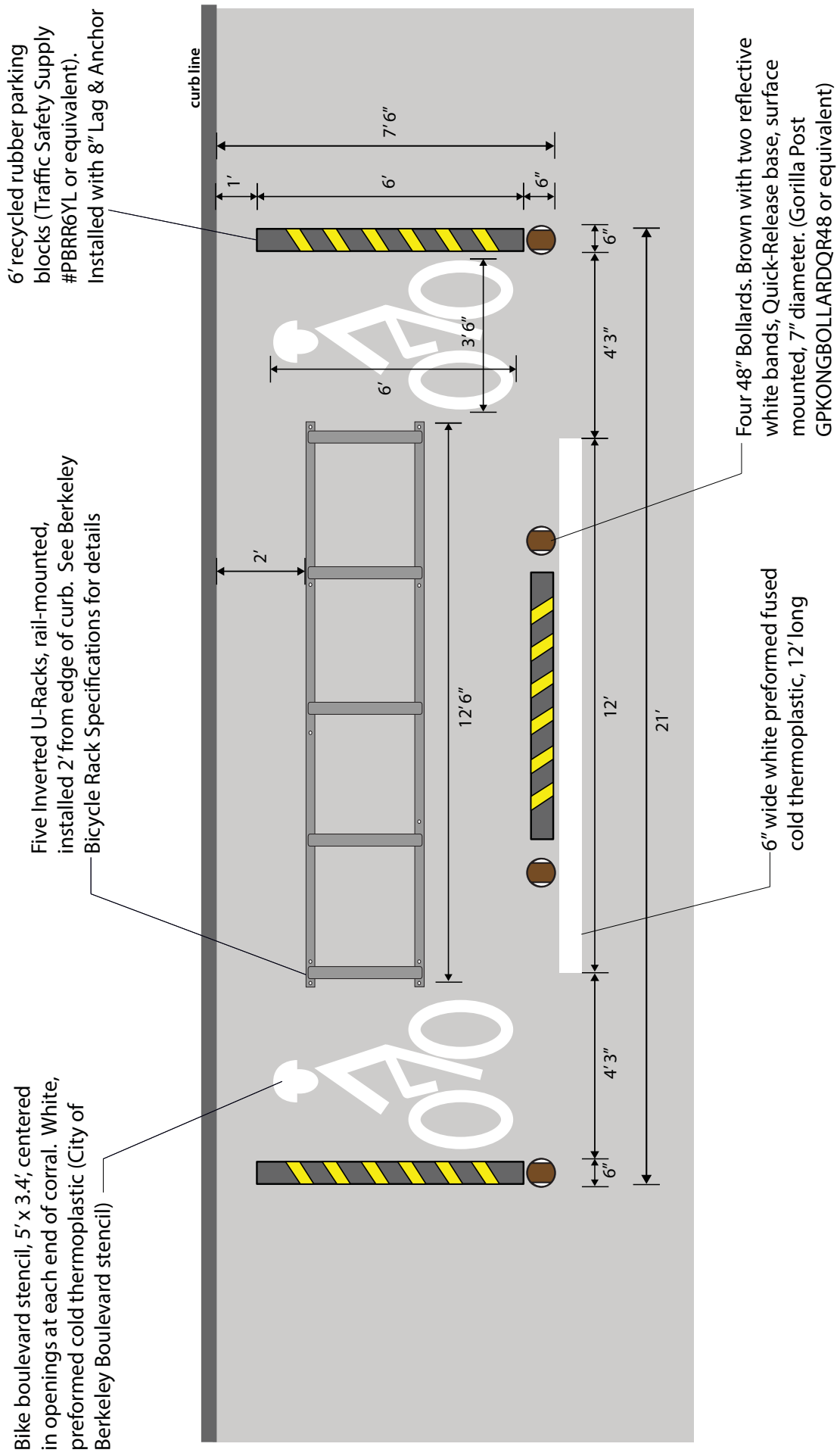


Top Views



Bicycle Corral Specifications

- 6' recycled rubber parking blocks (Traffic Safety Supply #PBRR6YL or equivalent).
Installed with 8" Lag & Anchor
- Five Inverted U-Racks, rail-mounted, installed 2' from edge of curb. See Berkeley Bicycle Rack Specifications for details
- Bike boulevard stencil, 5' x 3.4', centered in openings at each end of corral. White, preformed cold thermoplastic (City of Berkeley Boulevard stencil)
- 6" wide white preformed fused cold thermoplastic, 12' long
- Four 48" Bollards. Brown with two reflective white bands, Quick-Release base, surface mounted, 7" diameter. (Gorilla Post GPKONGBOLLARDQR48 or equivalent)



Bike boulevard stencil, 5' x 3.4', centered in openings at each end of corral. White, preformed cold thermoplastic (City of Berkeley Boulevard stencil)

Five Inverted U-Racks, rail-mounted, installed 2' from edge of curb. See Berkeley Bicycle Rack Specifications for details

6' recycled rubber parking blocks (Traffic Safety Supply #PBRR6YL or equivalent). Installed with 8" Lag & Anchor

Four 48" Bollards. Brown with two reflective white bands, Quick-Release base, surface mounted, 7" diameter. (Gorilla Post GPKONGBOLLARDQR48 or equivalent)

6" wide white preformed fused cold thermoplastic, 12' long



Strength & Flexibility. The Quick-Release Magnetic Gorilla Post® Family Conquers Your Urban Jungle!

Simply put, there is no better way to deploy temporary signage. The Gorilla Post® is the solution that holds onto the system's base plate like a Gorilla!



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- 6-inch diameter of magnetic base reduces risk of trip hazard compared to antiquated and awkward weighted rubber base posts.
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- Lightweight and small post diameter allows storage in racks off floor.
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Available In Two Versions

Original Gorilla Post®

Basic but effective, posts are made of durable polyethylene plastic that is resistant to UV light, ozone and hydrocarbons. Can be used with our Sign Holder displaying 12" x 18" aluminum signs or drilled for plastic or aluminum front-mounted signs. Larger or heavier signs will not work.

STANDARD GORILLA POST:

48" Gorilla Post - 2 1/3" tube diameter with magnets

CONFIGURATIONS OF THE STANDARD GORILLA POST:

48" Gorilla Post with 2 GP*Reflect reflective horizontal tape stripes for added visibility and effectiveness

48" Gorilla Post with 2 GP*Reflect reflective horizontal tape stripes for added visibility and effectiveness and the GP*SA sign holder

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360° Swivel Base that springs back into upright position

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Gorilla Post® Accessories

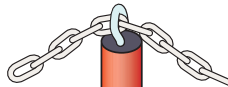
Reflective horizontal tape stripes for post - set of two

Metal Sign Holder for aluminum double-sided sign, 3/16" slot for sign*

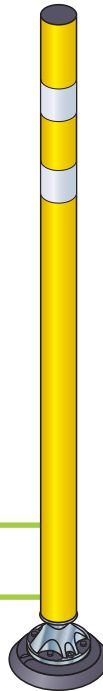
*max. sign size for aluminum - 12" W x 18" H

Note: Steel signs or larger signs will cause the post to become unstable and fall over.

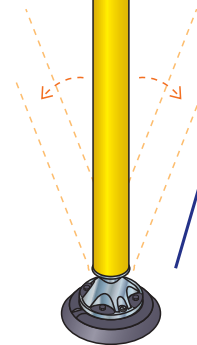
Loop Cap Topper for plastic chain



Shown w/ Loop Cap Topper



Shown w/ End Cap & 2 stripes



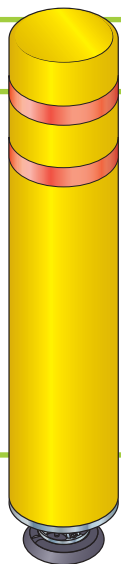
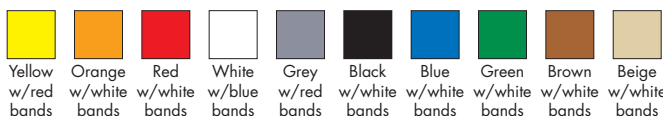
Shown w/ Sign Holder & 2 stripes

Bollards

This 7" diameter bollard is perfect for denoting where pedestrian walkways intersect vehicular roadways. The bollard temporarily folds over upon impact by a fire truck so it is an excellent method of delineation across emergency access points to campuses and venues.

48" Gorilla Bollard - 7" tube diameter w/ 2 reflective horizontal stripes

Posts available in:



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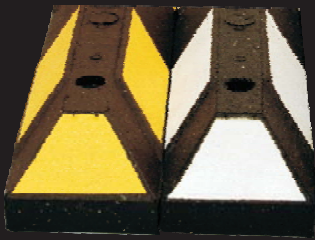
RUBBER PARKING BLOCKS



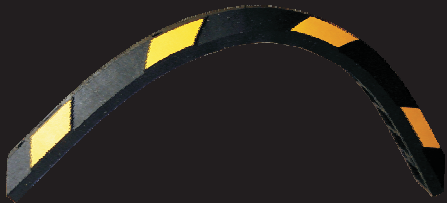
Our 3', 4' & 6' Reflective, Recycled Rubber Parking Blocks are flexible which makes them ideal for parking spaces that are not perfectly flat.

Rubber parking blocks out perform concrete - won't chip, crack or rot from the elements

Molded in yellow or white reflective tape make them highly visible



Flexible to conform to uneven surfaces



Easy to install - No Rental Equipment Required



All orders ship from our warehouse - Not Drop Shipped
Most orders ship same day!

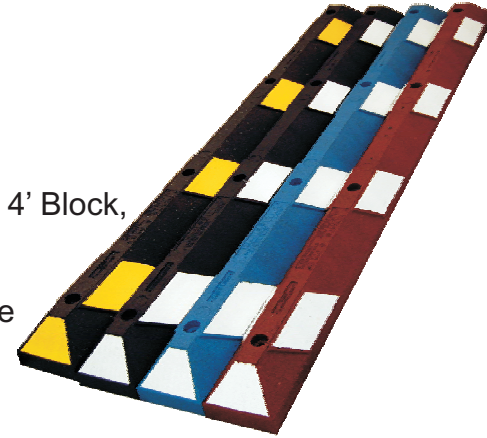
Type: Recycled Rubber Parking Block

Size: Height: 4"
Length: 36", 48" or 72"
Width: 6"
Weight: 20 lbs - 3' Block, 26 lbs - 4' Block, 40 lbs - 6' Block

Standard Colors: Yellow, White & Blue

Material: Recycled Rubber

Warranty: 3 yrs on block / 1 yr on reflective tape *

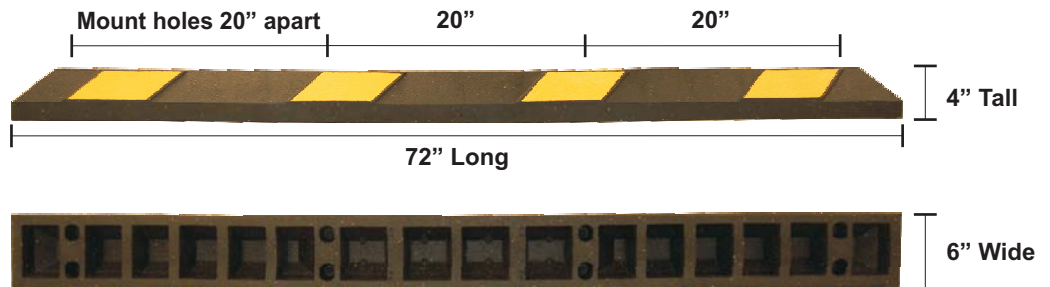


 **Made from 100% Post Consumer Recycled Rubber (LEED qualified)**

 **Each of our 6' rubber parking blocks saves 3.4 tires from going into landfills!**



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Mounting Hardware



12" or 18" Galvanized Steel Spikes
gravel or asphalt



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at least 3" thick



Red Head LDT Fasteners
concrete only

* Warrantied against breakage from normal 'wear and tear'.

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