

NASHVILLE BICYCLE PARKING GUIDE



WALK BIKE
NASHVILLE



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ABOUT WALK BIKE NASHVILLE

Since 1998, Walk Bike Nashville has sought to make active transportation an option for Nashvillians no matter where they live or where they are trying to go. We want our sidewalks and bikeways to support active living, additional commuting options, and recreational opportunities. We use educational programs, engagement events, outreach and advocacy to create a more active Nashville.

MISSION STATEMENT

Walk Bike Nashville is working to build a more walkable, bikeable, and livable Nashville.

WALK BIKE NASHVILLE BUSINESS MEMBERSHIP

We want you to make your business more walking and bicycle friendly for your customers, employees and the larger Nashville community, and we want to show off your support for active transportation.

By becoming a Business Member, you are helping lead the charge for a more walkable, bikeable and livable Nashville. Membership levels start at just \$100 and some basic benefits include:

- Logo displayed on Walk Bike Nashville website
- Included in Walk Bike Nashville's Annual Report
- WBN Business Membership Cling and Digital Logo

Higher level benefits can include:

- Company mention in Walk Bike Nashville Newsletter
- 1 free Lunch and Learn for employees
- Company mention through social media channels
- Sponsorship at Open Streets Nashville or Tour de Nash- your choice!

Contact info@walkbikenashville.org for details about becoming a business member or sponsor!

WALK BIKE NASHVILLE

943 Woodland St • Nashville, TN 37206 • walkbikenashville.org

WHY BICYCLE PARKING MATTERS

Easy and abundant bicycle parking is essential for supporting the growing community of people who use bicycles to get around in Nashville. Designating parking spots for cyclists is an effective way to make getting places by bicycle more convenient and appealing. Businesses benefit economically from being bikeable, and parking is a great place to start.

Sufficient bicycle parking lowers the number of bicycles locked to trees, benches or railings, keeps the sidewalk clear for walking and reduces the risk of theft. It is a great statement to show that your business supports bicycling in Nashville.



BICYCLE PARKING GUIDANCE

BUILD FOR A PURPOSE

The first step in selecting a bike rack is in determining how it will be used and by whom. Is it for your employees or customers and visitors? Is it purely practical or does it additionally add marketing value? Employees need a covered location with longer-term security. For customers and visitors, on the other hand, clear visibility is important, and the rack should be intuitive and easy to use for novices. Placement should be inviting to the business by not blocking paths and unique and artistic bike racks can add to the marketing appeal of being a bicycle friendly business.

STAFF PARKING VS. CUSTOMER PARKING

Staff parking is an important component of being bicycle friendly because employees will use the parking consistently for long hours. This parking is considered long-term and must have the added protection of an enclosure (shelters, bike rooms or lockers) to keep bicycles out of the weather. Having a secure, out of the way location also gives employees confidence and peace of mind that bicycles are protected from loss or damage possible from leaving bicycles for a long time in parking meant for short periods.



Pictured above: U-Lockit Dero Decker and Dero Locker by Dero

Customer and visitor parking is essential to companies wanting to portray themselves as welcoming to bicyclists. This parking is considered short-term parking where bicycles are only expected to remain for a few hours at a time. It is usually unenclosed and always easily accessible with proximity and visibility from the main entrance.



Pictured above: Round Rack and Hoop Rack by Dero

STAFF PARKING IS:	CUSTOMER AND VISITOR PARKING IS:
Sheltered or enclosed	Unenclosed and easily accessible
Secure and out of the way	Close to entrances and easily visible
	Intuitive and user-friendly

GOOD FRAME SUPPORT

Having good frame support gives customers and employees confidence that a bicycle will not be damaged by falling or easily being knocked over. It also allows the use of common locks for security.

- Supports the bicycle frame at two points of contact
- Secured to floor or pavement and cannot be moved
- Allows one wheel and the frame to be locked with a standard U-lock

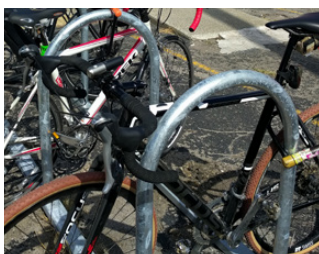
GOOD RACK PLACEMENT

Good rack placement allows walkways and paths to be clear and gives plenty of space in front, behind and between bicycles. Visibility for customer parking is key and the racks should never require the use of stairs to access them. Well-placed racks also should not orient bicycles so that they conflict with passing or turning vehicles. Consult the following diagrams for setback, space and clearance distances.

- Public racks clearly visible from main entrance
- Private racks in safe, covered location
- Easily accessible by someone's bicycle (does not require stairs to access)
- Keeps walkways and paths clear
- Away from obstacles and generally out of harm's way

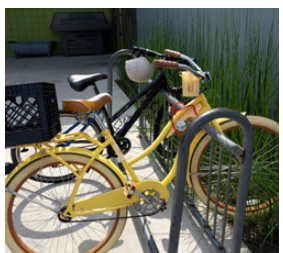
GOOD RACKS

MULTIPLE POINTS OF CONTACT • PLENTY OF SPACING • EASILY LOCKABLE



BAD RACKS

SINGLE POINT OF CONTACT • NOT EASY TO LOCK BIKE • UNINTUITIVE AND DIFFICULT TO USE





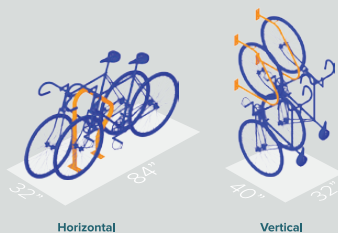
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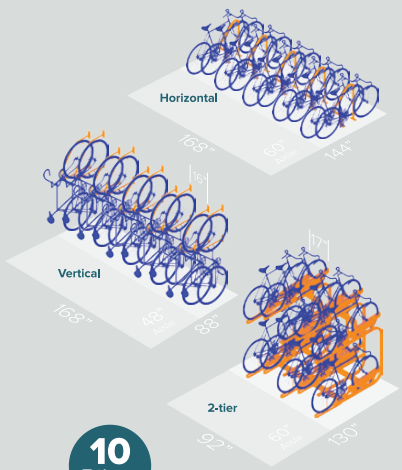
SETBACKS AND SPACE PARAMETERS

CAPACITY AND SPACE USE

These diagrams illustrate the amount of space used by average sized bikes parked in various ways. Be sure to contact your city government and confirm any minimum ordinances or mandates applicable.

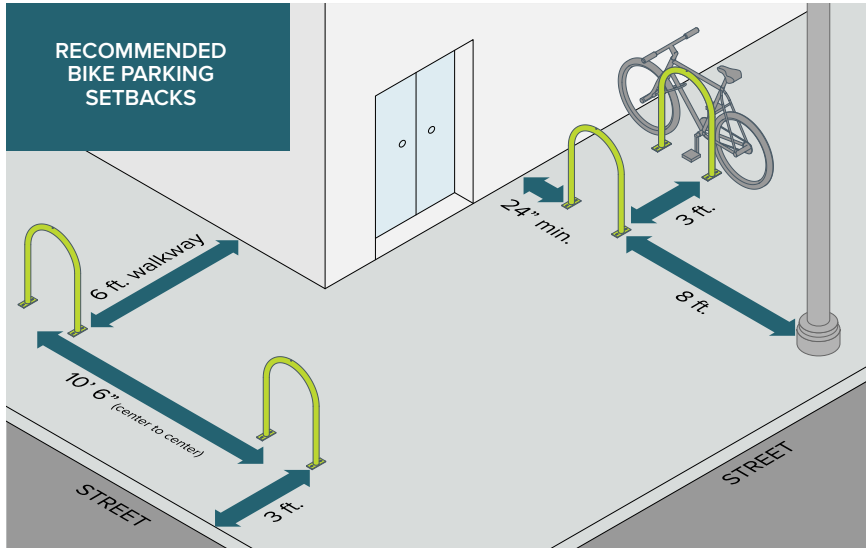


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Bikes



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Bikes

RECOMMENDED BIKE PARKING SETBACKS



INSTALLATION

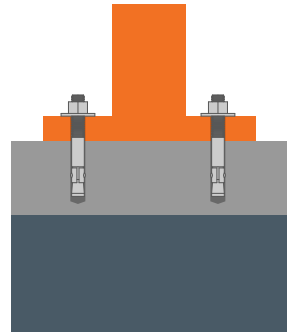
SURFACES

Bicycle racks can be mounted to many surfaces, but concrete is considered to have the most installation options and is the most secure. Racks can also be mounted to asphalt, but the material is considered less ideal because of flexibility in the material from hot, humid summers. Freestanding rack options are available for asphalt and other surfaces like grass and dirt, or a concrete footer can be poured to anchor the rack. Additionally, some racks are designed to mount against vertical walls.

MOUNTING OPTIONS

SURFACE MOUNT

Select appropriate fasteners for surface mounting. Typically, wedge bolts are used with regular nuts or tamper-proof nuts for added security. Concrete spikes are another option for surface mounts, but asphalt installation should have asphalt-specific hardware.



- Make sure to choose a rack with a surface mount flange.
- Use a hammer drill and make sure to drill holes at least three inches from concrete edges or joints.

IN GROUND MOUNT

When pouring a new concrete pad, consider bike parking fixtures designed to be embedded in the concrete. Because replacing or modifying an embedded rack is complicated and costly, this installation technique requires particular attention to location, spacing, rack quantity, and material.



RAIL MOUNT

With a rail mount option, racks are bolted to rails. These rails can then be bolted to the ground or left as a freestanding unit. Rail mount racks are a good choice for non-concrete surfaces.



Each bike rack has different recommendations for installation.

You can find detailed guides that include setback requirements, installation instructions and maintenance and repair instructions on Dero's documents page: <http://www.dero.com/resources/documents/>.

BICYCLE PARKING REQUIREMENTS IN NASHVILLE

BICYCLE PARKING ORDINANCE

In April 2015, Nashville enacted Substitute Ordinance No. BL2014-714* which requires that bicycle parking be provided for all principal uses located within the Urban Zoning Overlay (UZO) district or an Urban Design Overlay (UDO) district.*

The requirements of the ordinance are described in the following chart. They are specifically directed at any new building or addition or enlargement to an existing building of 50% or more, but constitutes a best practices for those not meeting development requirements as well.

Nashville Bicycle Parking Ordinance: http://www.nashville.gov/mc/ordinances/term_2011_2015/bl2014_714.htm

Urban Zoning Overlay: <http://maps.nashville.gov/webimages/MapGallery/PDFMaps/Urban%20Zoning%20District.pdf>

Urban Design Overlay Districts: <http://www.nashville.gov/Planning-Department/Rezoning-Subdivision/Urban-Design-Overlay/Existing-Urban-Design-Overlays.aspx>

NUMBER OF SPACES

All commercial or multi-family buildings are required to have spaces based on this table:

USE	MINIMUM BICYCLE PARKING REQUIREMENT
Residential, Multi-Family	2 spaces or 1 space per 4 dwelling units, whichever is greater, provided the requirement for the residential, multi-family use shall not exceed 50 spaces. 2 of the required spaces or 20% of the total spaces, whichever is greater, shall be publicly available.
Boardinghouse	2 spaces or 1 space per 4 rental units, whichever is greater, provided the requirement shall not exceed 20 spaces.
Community Education	1 space per classroom
General Office	2 publicly available spaces per establishment or 1 space per 15,000 square feet, whichever is greater.
Restaurant, fast food	4 publicly available spaces per establishment
Restaurant, full-service	4 publicly available spaces per establishment
Retail	2 publicly available spaces per establishment or 1 space per 5,000 square feet, whichever is greater.

If a non-residential business type is not listed in the table, all building development must have a minimum of 2 publically available bike spaces.

TYPES AND LOCATION OF BIKE RACKS

Nashville ordinance requires bicycle parking meet the recommendations of the Association of Pedestrian and Bicycle Professionals (APBP) Bicycle Parking Guidelines that can be found at www.apbp.org/?page=Bike_Parking.

Key points of the standard and ordinance include:

- Public bicycle parking located conveniently and visibly within 50 feet of the entrance.
- Racks permit locking of bicycle frame and wheel to the rack and support the bicycle in a stable position.
- Bicycle parking spaces not located on a residential balcony.
- Bicycle parking can replace one required motor vehicle parking space.
- Minimum setback standards from walls and objects (see page 9).

USING PUBLIC RIGHT OF WAY

To place a bike rack in the public right of way such as a sidewalk, current Metro Nashville policy requires an Encroachment Permit. This permit requires an engineering plan, a \$250 permit fee and approval by City Council.

Call Public Works Permit Office at (615) 862-8782 or visit their website at <http://www.nashville.gov/Public-Works/Permits.aspx> for more information on obtaining a permit.

- Take Action: Reach out to your Council Member and other officials to let them know you would like a more streamlined process for getting bike racks in the public right of way.

OTHER WAYS TO BE BICYCLE FRIENDLY

NASHVILLE BIKE VALET

Do you need temporary bike parking for an event? Walk Bike Nashville's Bike Valet is an easy and efficient way to make your event greener and provide a convenient service for attendees arriving by bicycle.

By using Bike Valet you can increase your event's capacity with bike parking for up to 200 bicycles. Reduce car parking needs, create a clean and organized event appearance and encourage more people to attend your event!

We provide a check in station, valet attendants and bike racks. Contact info@walkbikenashville or call (615) 928-8801 to find out more.

INCENTIVIZE EMPLOYEES

- Participate in Bike to Work Week during the month of May.
- Offer bicycle workshops to encourage employees.
- Provide shower and locker facilities.
- Offer flexibility to work from home on wet or cold days.

MARKET TO CUSTOMERS AND VISITORS

- Offer tools like tire pumps and fix-it stations.
- Provide bicycling maps and information on local bike events.
- Sponsor or host local bike events.
- Become a Walk Bike Nashville Business Member

MORE INFORMATION AND ORDERING

Walk Bike Nashville is your local non-profit resource for bicycling in our city. For information on bike parking, installation, Bike Valet, Business Membership and general questions, get in touch at info@walkbikenashville.org or (615) 928-8801.

For more information on the details of different racks and ordering, contact Dero representative Micah Morrison at MMorrison@dero.com.



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