City of Billings Short-Term Bicycle Parking Guidelines

Thank you for your interest in providing bicycle parking at your business or organization. This sheet will help you select and place bicycle parking. Short-term bicycle parking is ideal for stays of 2 hours or less. For anything over, long-term bicycle parking is reccommended. See page 2 of this document for designing long-term bicycle parking.

Step One: Pick a Rack

Look for a rack that:
Provides two points of contact for the bicycle · Can be securely anchored · Is U-lock compatible

Photo Credit: Mel Barbour

Downtown Businesses:

You can apply for this bike rack for only $50! Rack is installed for you. Call 406-247-8637 for details. First come, first served.

Step Two: Determine How Much Bicycle Parking is Needed

The table on page 3 of this document lists the minimum recommended amount of bicycle parking. Note that this number is a combination of short and long-term bicycle parking. If only short-term bicycle parking is supplied, consider adding additional short-term bicycle parking.

Step Three: Pick a Location

Place the bike rack:
In a highly visible location · In concrete (not pavers or asphalt)
Between car parking spaces to avoid conflicts with doors
Within 50 feet of the main entrance or 100 feet in the case of bike corrals

Step Four: Measure and Check for Obstacles

Make sure that people walking nearby or parking their bikes have enough space

Situation	Reccomended Amount of Space	Minimum Space Needed
Bicycle Parking Space (2 per rack)	2' by 6'	2' by 6'
Between Rack and Curb	36"	24"
Between Parallel Racks	48"	36"
Between Racks Placed End-to-End	72"	48"
Pedestrian Clearance	8'	5'
Overhead Clearance	7'	7'
Between Rack and Obstacle like Tree	48"	36"

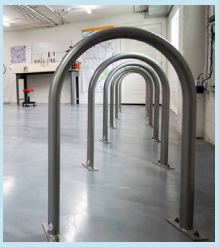
*All reccomendations based on APBP Bicycle Parking Guidelines, 2nd edition, www.apbp.org, used with permission from the copyright holder.

City of Billings Long-Term Bicycle Parking Guidelines

Thank you for your interest in providing bicycle parking at your business or organization. This sheet will help you select and place bicycle parking. Long-term bicycle parking is ideal for stays of 2 hours or more. For anything less, short-term bicycle parking is reccommended. See page 1 of this document for designing short-term bicycle parking.

Step One: Pick a Rack or Other Storage Device

Look for a rack that:
Provides two points of contact for the bicycle · Can be securely anchored · Is U-lock compatible
Wall-Mounted Racks are also acceptable, but at least 30% should be on-ground parking



OR

Look for a bicycle locker that:
Has a door that opens at least 90˚ · Has an integral mechanical or smart lock · Is fire resistant

Step Two: Determine How Much Bicycle Parking is Needed

The table on page 3 of this document lists the minimum recommended amount of bicycle parking. Note that this number is a combination of short and long-term bicycle parking. Short-term parking is necessary for visitors to your building who are not familiar with the long-term options.

Step Three: Pick a Secure Location Protected from Weather

Acceptable *controlled access* locations for racks include:
Free-standing shelters · Indoor Cage or Room

Step Four: Provide Lighting and Signage

Provide lighting for nightime use · Clearly label lockers as bike parking
Provide signage to find parking · Provide instructions for use
If applicable, provide instructions on how to sign up for long-term parking

Step Five: Measure and Check for Obstacles

Provide at least the same clearances as in Step Four on the Short-Term Bicycle Parking Page

In addition, consider:
Space for simutaneous users · Entry and exit flow
Opening doors from lockers
Lifting of bicycles · Lockers that open from both sides

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Reccomended Amount of Bike Parking by Use*

Type of Activity	Short-Term Bicycle Parking Needed	Long-term Bicycle Parking Needed
General food sales or Groceries	1 space for each 2,000 s.f. of floor area. 2 spaces minimum.	1 space for each 12,000 sf. of floor area. 2 spaces minimum.
General Retail	1 space for each 5,000 s.f. of floor area. 2 spaces minimum.	1 space for each 12,000 s.f. of floor area. 2 spaces minimum.
Office	1 space for each 20,000 s.f. of floor area. 2 spaces minimum.	1 space for each 10,000 s.f. of floor area. 2 spaces minimum.
Auto Related	1 space for each 20,000 s.f. of floor area. 2 spaces minimum.	1 space for each 12,000 s.f. of floor area. 2 spaces minimum.
Off-street parking lots and garages available to the general public (unattended surface parking lots excepted).	1 per 20 auto spaces. 6 spaces minimum. Unattended surface parking lots excepted.	1 space for each 20 automobile spaces. 2 spaces minimum. Unattended surface parking lots excepted.
Non-assembly cultural (library, government buildings, etc.)	1 space for each 10,000 s.f. of floor area. 2 spaces minimum.	1 space for each 10 employees. 2 spaces minimum.
Assembly (Church, theaters, stadiums, parks, beaches, etc.)	Spaces for 2% of maximum expected daily attendance.	1 space for each 10 employees. 2 spaces minimum.
Health care/hospitals	1 space for each 20,000 s.f. of floor area. 2 spaces minimum.	1 space for each 20 emplyees or one space for each 70,000 s.f. of floor area, whichever is greater. 2 spaces minimum.
Public, parochial, and private day-care centers for 15 or more children	1 space for each 20 students of planned capacity. 2 spaces minimum.	1 space for each 20 employees. 2 spaces minimum.
Public, parochial, and private nursery schools, kindergardens, and elementary schools (1-3)	1 space for each 20 students of planned capacity. 2 spaces minimum.	1 space for each 10 employees. 2 spaces minimum.
Public, parochial, and elementary (4-6), junior high, and high schools	1 space for each 20 students of planned capacity. 2 spaces minimum.	1 space for each 10 employees plus 1 space for each 20 students of planned capacity. 2 spaces minimum.
Colleges and universities	1 space for each 10 students of planned capacity. 2 spaces minimum.	1 space for each 10 employees plus 1 space for each 10 students of planned capacity; or 1 space for each 20,000 s.f. of floor area, whichever is greater.
Bus terminals and stations/airports	Spaces for 1.5% of a.m. peak period daily ridership.	Spaces for 5% of projected a.m. peak period daily ridership.
Multifamily Dwelling with private garage for each unit	.05 spaces for each bedroom. 2 spaces minimum.	No spaces required.
Multifamily Dwelling without private garage for each unit	.05 spaces for each bedroom. 2 spaces minimum.	.5 spaces for each bedroom. 2 spaces minimum.
Senior Housing	.05 spaces for each bedroom. 2 spaces minimum.	.5 spaces for each bedroom. Minimum is 2 spaces.
Single Family Dwelling	No spaces required.	No spaces required.
Manufacturing and Production	Consult with Active Transportation Planner. Consider 2 spaces minimum at each public building entrance.	1 space for each 15,000 s.f. of floor area. 2 spaces minimum.

BILLINGS - YELLOWSTONE COUNTY MPO
METROPOLITAN PLANNING ORGANIZATION

For questions, contact:
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STAR OF THE BIG SKY COUNTRY
BILLINGS
MONTANA

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