

Chelmsford Bicycle and Pedestrian Advisory Committee

Short Term Bicycle Parking

Bike Rack Recommendations

The bicycle is gaining popularity as a healthy recreational activity as well as an alternate means of transportation. As bicycling becomes more of a means of transportation and commuting vehicle, the need for adequate bike parking becomes an important consideration. Providing a safe, convenient and secure location for bike parking is a sure way to promote this healthy and environmentally friendly activity.

The first element of establishing successful bike parking begins with the type of bike rack. If a bike rack does not present itself as a safe and secure structure, cyclists will avoid them and use unacceptable fixtures such as railings, meters, fences etc, or worse, choose not to stay.

Bike racks should be:

- Stable and secured to the ground.
- Designed to accept multiple styles of bicycles.
- Able to contact the bike at 2 points: frame and wheel.
- Able to accept cable and U-locks.
- Usable by bikes with no kickstand.
- Usable by bikes with bottle cages.
- Simple to use.
- Durable.
- Rust-proof.
- Sealed components.

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Examples of Satisfactory Styles:



Fig. 1



Inverted "U" styles

Fig. 2



Fig. 3 Inverted U - rack



Fig. 5 Swerve



Fig. 6 Campus Style



Fig. 7

Fig. 8



Fig. 9



Fig. 10

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Bike Racks **Should not:**

- Have moving parts.
- Have sharp edges, rough surfaces or protrusions that can injure persons or damage bikes.
- Suspend bikes.
- Contact only at the wheel.
- Be complicated to use.
- Allow the bicycle to fall.
- Be unstable or not secured to the ground or other fixed structure.

Examples of Unsatisfactory Styles:



Bikes can fall



Commonly used wrong.

