

in these areas causing an even greater deterrent to bicycle use. Bicycle parking needs to be visible, accessible, plentiful and convenient. If any of these criteria are not met, there is a good chance bicyclist will not use the facilities and will park their bike wherever they feel it will be safest.

Number of Parking Spaces

The following are guidelines of the number of bicycle parking spaces to be provided by a building use. Please note that a station is a faculty, student or staff work/learning area.

Academic Buildings	1 bicycle parking space per 8 stations
Arenas	1 bicycle parking space per 60 stations
Commons Buildings	1 bicycle parking space per 40 stations
Library	1 bicycle parking space per 8 stations
Museum	1 bicycle parking space per 10 stations
Office/Research	1 bicycle parking space per 10 stations
Performance Halls	1 bicycle parking space per 60 stations
Recreation Buildings	1 bicycle parking space per 9 stations
Residential Housing	1 bicycle parking space per 3 beds

Uncovered Bicycle Racks

Uncovered bicycle racks are the primary bike parking approach for areas where people are expected to park their bikes for only a few hours.



Design

Generally, bicycle racks of the inverted "U" design of a square tube or flat bar, or some design that is resistant to pipe cutters, are considered the best models. Alternative designs may be considered for special situations, although they should function similar to the inverted "U" design, providing at least two contact points for a bicycle and be a shape and size that would permit locking of a bicycle through the frame and one wheel with a standard U-Lock or cable.

ocation

Hoops should be placed on a hard surface with ample lighting and high visibility to discourage theft and vandalism. Racks should be placed to avoid conflicts with pedestrians, usually installed near the curb and away from building entrances and crosswalks.

Covered Bicycle Storage

Covered Bike Parking is desirable for both long-term and short-term bicycle storage. Basic bicycle racks should be placed under an overhang whenever possible, and specific covered bicycle parking should be created when needed. Covered Bicycle Parking should be available in areas where bikes are kept for an extended period of time, such as residential apartments or at large commercial centers where employees and customers will utilize the covered spaces.



The covering for bicycle parking will vary depending on the location. In addition to a roof,

complete or partial side enclosures should be provided to minimize exposure to windblown rain and snow. The design of the racks is the same as for the basic uncovered bicycle hoops. When creating covered parking, there is also the opportunity to incorporate a green roof or solar panels into the rooftop to add to the functionality of the structure.

Location

Covered Bike Parking should be incorporated whenever there is opportunity to do so. Longterm covered bike parking should be located within 400' of the building it is intended to serve. Centralized locations further than 400' are also acceptable. The long-term goal is to provide covering for up to 75% of the bike parking that serves residential halls based on demand.

Bike Center

A Bike Center is an on campus bicycle repair and rental facilities. They are intended primarily to serve students, faculty, staff, departments, visitors and alumni. They should be centrally located and easily accessible by bicycle. They may even be part of an on-campus outdoor recreation and equipment rental facility.

Map Prepared by:

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bicycle repair shop short and long term bicycle rental short and long term bicycle storage sell bicycle accessories sell bicycles (new and used) provide compressed air Programs • Refurbish abandoned and donated bicycles and loan/rent them out to faculty/staff, students, departments, visitors and alumni for long term and short term periods Offer bicycle safety and maintenance workshops





Pierce Street Recommendations







N. & S. Campus Drive Recommendations



Add bump-outs for bus stops, allowing vehicular traffic to pass. Expanding bays as necessary. Add pedestrian crossing island between the bus stops.

Shared Space Enhancements

A shared space is a common space created to be shared by pedestrians, bicyclists and low-speed motor vehicles. A large amount of pedestrian traffic and narrow streets with strategically placed trees, planters and other obstacles help to slow motorists and make the street available for public use.

Enhancement Features of Shared Spaces: Living Center Apartments and Residence Drive (Combination of Shared and Restricted Spaces) • Add signage at shared street entrances • Detectable warning strips need to be incorporated every where a pedestrian is either entering or leaving a space shared with vehicles

in vehicular restricted areas

restricted to motor vehicles

street in vehicular restricted areas

Laker Village Apartments (Restricted Space)

• Add temporary furniture to narrow shared street in vehicular restricted areas (tables, benches) • Add bump outs with trees to narrow shared street • Add covered bicycle parking to narrow shared • Constrict access and sign pathways that are

NORTH

A 1/8 Mile takes between 2 and 3 minutes to walk and 1 minute to bike not accounting for delays.



reconstructed into boulevard Add a wide 8' Sidewalk along the west side of the street Provide adequate space for vehicular stacking at intersection Incorporate bioswales along roadway that feed into the storm water system Add pedestrian scale lighting and signage along route Add pedestrian crossing islands when needed along 48th Avenue

when possible Add a combined pedestrian and golf cart crossing island at Meadows Golf Course entrance and remove part of the existing wall to improve visibility at intersection Add a speed table where pathway intersects with driveway 2.5' -Add pedestrian scale lighting and signage along route

Incorporate bioswales along roadway

Incorporate bioswales along roadway when possible Add a pedestrian crossing island near Laker Village Apartments and bus stops along Pierce Street Add pedestrian scale lighting and signage along route

signage at pathway entrances prohibiting vehicles • Detectable warning strips need to be incorporated every where a pedestrian is either entering or leaving a space shared with vehicles Widen crosswalk pavement marking across Laker Village Drive to the width of the existing pathways • Add temporary large planters at pathway entrances • Add temporary furniture along pathways