

UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

Facilities & Services

Transportation Demand Management
Physical Plant Service Building
1501 South Oak Street
Champaign, IL 61820



November 24, 2009
Student Sustainability Committee

RE: Bike Parking Grant

Through the generous support of the Student Sustainability Committee in 2008-2009, Facilities & Services is pleased to report the installation of three new or upgraded bike parking locations on campus this fall. Thank you very much for funding these much needed improvements to bicycle infrastructure!

We would like to work with the Student Sustainability Committee this year to prioritize and fund a number of additional bike parking locations. While we are still working toward a comprehensive solution to bicycle parking on campus, there are a dozen specific locations which have been brought forward by members of the campus community. I have reviewed these locations and rated each as high, medium, or low priority. The list is appended to this letter for your review and consideration.

A very rough estimate for each location was estimated based on the basic need at each site. A new bike parking area, on new concrete was estimated as approximately \$10,000. Retrofitting an existing dilapidated bike parking area was estimated as approximately \$4,500. Purchasing a new bike parking rack to be placed on existing concrete was estimated as approximately \$1,500.

Adequate bicycle parking is an essential piece of our campus efforts to shift people out of single-occupancy vehicles. The design of campus racks has been agreed upon with the neighboring cities, and the design includes two dips of powder-coating to increase the life of the racks. By improving bicycle facilities throughout campus, we are encouraging students and staff to keep cars off campus. This project is highly visible to students, employees, and visitors, and each new location will proclaim the support from the SSC.

While, you are likely to receive many wonderful and exciting proposals this year, this is a simple request which will be used repeatedly by the students on campus for decades to come. In terms of student use and visibility, bike parking is at the top of the list.

Thank you for your consideration. I look forward to hearing from you.

Sincerely,

Morgan B. Johnston

Morgan Johnston
TDM Coordinator

Bicycle Parking Requests

#	location	current condition	impetus for request	contact name	priority	approx cost	Requested funding	
1	Chem Life Science Lab	busy bike traffic - not enough racks - space arranged for new racks, need to purchase and install	not enough parking spaces - City of Urbana arranged for concrete space at corner of Goodwin Avenue and Oregon Street, to allow for new bike parking.	Chad Stevens	high	\$ 1,500.00	\$ 1,200.00	
2	Illini Union - SE corner	The existing racks on the south east corner of the Illini Union are the old donut-hole racks.	They are positioned too close to the wall to allow for proper use, and the pavement they are on is deteriorating, which creates flooding problems. In the winter, under the right conditions this becomes a safety issue with a large ice area.	Jim Clark Illini Union Facility Operations Manager jclark76@illinois.edu 217-333-3954	high	\$ 10,000.00	\$ 8,000.00	
3	Krannert Art Museum	limited amount of existing parking is old donut-hole style	not enough parking, there are many bikes chained to fences, trees, etc. - need update to SW corner bike parking, and need new racks at central south entrance	David Akins, akins@illinois.edu	high	\$ 14,500.00	\$ 11,600.00	
4	Music Annex, 909 W. Oregon St	"the general state of the bike rack, which is quite bad and rusted"	safety and usefulness of rack	Bob Steihl and others	high	\$ 4,500.00	\$ 3,600.00	
						HIGH	\$ 30,500.00	\$ 24,400.00
5	Turner Hall (Bldg 197, 1102 S. Goodwin, U)	I'm not sure there's a place to put them. The large, main rack is by the greenhouses and is on gravel. This has plenty of space. The rack by the NE corner is a single rack and there are 8 or more bikes parking here. I'm sure more would if they could. This is located with the motorcycle parking on asphalt. The rack at the NW corner is sitting on the sidewalk to the old, north loading dock from when the building was first built. There's no place to put new racks here unless someone pours concrete. There are several places on both the northWest and NE to put down a pad though. You really have to see it to understand the layout.	Currently, you can find a very old style moveable rack on the NW corner, another in the motorcycle parking area at the NE corner, and a large area with old style racks that should be paved over and replaced with the standard inverted U and covered next to the greenhouses at the southwest end. On a good day, the two north end racks are full to brimming.	Charlie Smyth	medium	\$ 10,000.00	\$ 8,000.00	
6	Turner Hall/Southside of Madigan Hall	asked for another bike rack in this area because there are too many bikes and he thinks it is just ridiculous	upset there were 30 or more bikes chained to trees on the north side of Turner Hall/Southside of Madigan Hall	Kenny Smith pager# 265-3904 at Steam Distribution at F&S	medium	\$ 10,000.00	\$ 8,000.00	
7	Christopher Hall at Nevada and Lincoln	not nearly enough parking, or potential illegal parking spaces (that is, there isn't even a fence to use incorrectly)	nowhere to put bikes, and bikes blocking access	Diane Marlin	medium	\$ 10,000.00	\$ 8,000.00	
8	Gender & Women's Studies Program	There are no existing racks.	We are looking for approximately space for no more than three or four loops - Northwest Corner (No Trees- open gravel) in front of 911 S. Sixth Street.	Virginia Swisher 911 S. Sixth Street Champaign, IL 61820 Phone (217) 333-2990	medium	\$ 10,000.00	\$ 8,000.00	
9	Education Building	It's a well-used rack and I see many missing rings and loose ones and so much rust that many rings could easily be broken off from the bar or are in the process of breaking now.	wanted to suggest that the bike rack on Peabody by the Education Building badly needs repair or replacement	Helen Katz hnkatz@illinois.edu 217-333-5242	medium	\$ 4,500.00	\$ 3,600.00	
						MEDIUM	\$ 44,500.00	\$ 35,600.00
10	National Soybean Research Center	not enough racks	the auditorium is being used as a classroom this year	Carol Neilson	low	\$ 1,500.00	\$ 1,200.00	
11	WILL building	We currently have a bike parking area located across Goodwin Avenue from Campbell Hall. It is located on the east side of Parking Deck B-4. Campbell Hall folks are welcome to park their bikes there.	There is a concrete slab area in Lot B-17 next to the WILL tower fence where we would like to have a bike rack. It wouldn't interfere with any parking spaces or with access to the tower. I have had several employees ask for a rack closer to the back door where they have access to the building with their prox cards. We issued very few keys to the front door, so back or side door access is preferable.	Elizabeth A. Weathers 300 N Goodwin Avenue Urbana IL 61801 Phone: 217/244-2625 eweather@uiuc.edu	low	\$ 10,000.00	\$ 8,000.00	
12	ILIR	old style rack, and there is parking across the street	I'm getting complaints about the racks across the street being the "potato chip" type that damages wheels if the bike falls over. One professor wants us to buy a new rack for our building, but we have very little outdoor space and I'm confident that not only would we have to buy an expensive rack, but we'd have to pour some concrete to set it on.	Nell Madigan Email nellm@illinois.edu Netid nellm Office Phone (217) 333-1534	low	\$ 4,500.00	\$ 3,600.00	
						LOW	\$ 16,000.00	\$ 12,800.00

Hi Morgan,

Please clarify the following regarding your letter of inquiry:-

1) What is the capacity of each proposed rack?

Each location listed in the requests will have to be examined for capacity. The goal will be to maximize the capacity at each location, based on available space and a cursory review of the needs at that location. The locations estimated as \$1500 are for 5-10 loops, or 10-20 spaces. The locations estimated as \$4500 or \$10,000 are highly dependent on the space available. At the Undergrad, we will get 24 loops, or 48 spaces, for about \$10000. At Freer, we will get 21 loops, or 42 spaces, for about \$4500.

Could you provide a picture of the proposed design?

Please see attached layout standard and rack details. We will use the spacing information from the standard layout, but we are unlikely to add bushes with the bike rack installations.

2) What metric(s) was used to sort projects into high, medium and low priority?

The higher priority locations are bike rack areas that have additional needs, as follows. The Illini Union bike rack is in disrepair AND is causing flooding into the building. Chem Life Science Lab was an agreement with the City of Urbana, where they already paid for and installed the concrete, and we promised to find a way to add the loops. Krannert Art Museum (KAM) is higher because there is already a design laid out (also attached), and because a student brought it to our attention rather than an employee. The Music Annex was brought to my attention by the Campus Lighting Committee last year, and the facilities staff in that building is actively requiring bicyclists to use the appropriate bike parking areas.

The lower priority locations are those that are a matter of convenience rather than necessity. There are additional bike parking facilities near these locations, but across a street.

Everything else was left as medium priority.

3) Would you be willing to discuss locations not on your list with the SSC?

Absolutely! I would like this to be a dialog, and I am eager to get the input of SSC for prioritization.

4) Can you comment on any progress regarding finding a more comprehensive solution to the bike parking issue on campus?

The draft bike plan for campus addresses bike network design, and other bicycle support needs. We have recently established a bike plan steering committee through the regional MPO, CUUATS (<http://www.ccrpc.org/planning/transportation/transportation.php>). That will serve as the community transportation professionals input avenue. On campus, we will now begin establishing a Campus Bicycle Taskforce, which will assist with the data collection, public engagement, discussion of alternatives, actual writing of the Campus Bike Plan, and implementation of said plan. Once completed, the bike plan will be incorporated into the Campus Master Plan, and funding can be sought for the various implementation steps that will be needed.

In addition to the network aspect of the bike plan, there is a discussion of support needs, such as adequate bike parking throughout campus, and a feasible method for ensuring cyclists use the bike parking facilities instead of trees, railings, and anything that is nailed down. Due to the limited resources of the F&S Parking Department staff for bicycle parking enforcement, I've been working with University Legal Counsel about alternatives for the enforcement. We intend to identify and train departmental affiliates to assist with the enforcement of the bike parking

requirements, per the University Bicycle Code. The control of bike parking was highly sought by our previous Provost, Linda Katehi. The ONLY appropriate means of ensuring correct use of bike parking facilities is by provision of those bike parking areas in convenient, safe, and usable facilities. We have completed the inventory of existing bike parking areas in the University District, and that shows that about half of the current bike parking areas are of poor design. We also have had some progress in getting individual departments to fund their own new bike parking areas, without assistance from SSC. However, the ultimate solution for bike parking needs will be a result of the deliberations of the Campus Bicycle Taskforce which is yet to be started.