



STUDENT SUSTAINABILITY COMMITTEE

Semesterly Report

Thank you for your commitment to green initiatives at the University of Illinois. One of the ongoing requirements listed in the terms of the funding agreement for your project is the submission of semesterly reports with key information about your project. In addition to this form, please provide additional financial documentation and/or progress photos if available.

Please be as accurate as possible in describing the project (including possible setbacks or challenges in meeting the initial goals of the project). Not fully meeting your project's goals will not disqualify you from making future funding requests as long as your reports are as complete and accurate as possible. If you have any questions, please contact the Student Sustainability Committee, at sustainability-committee@illinois.edu.

Project Name: Bike and Ped Counters

Date of Report Submission: 6/8/2021

Project Purpose:

Old project description:

Project name: Bicycle Registration and RFID Tracking Program

Hundreds, if not thousands, of students already use their bicycles on a daily basis to get to and from class. This project funds an opt-in bike tracking system for all registered campus bikes working toward two goals:

1. Collecting useful data on where cyclists are biking on campus for more accurate and timely information than the perennial bike census; and
2. Providing incentives for people who bike to campus, in the form of points toward or drawings for gift certificates for local dining options near campus.

When students and faculty of the University register their bikes, they will each receive a tag for their bike with a personal ID number. With the data collected about their individual biking habits, students and faculty will be able to track how often they bike and earn rewards through an online interface and incentive system. The interface will show the number of times biked, the rewards an individual can earn, and offer the ability to submit reports since bikers often see needed improvements before planners and engineers.

This system is being developed entirely in-house by a team of women engineers.

This proposal directly funds:

1. Supplies for creating the system
2. 2 interns to assist with logistics
3. Mounting equipment and RFID tags

New project description:

Project name update: Bike and Ped Counters

The Champaign Urbana Urbanized Area Transportation Study (CUUATS) has been awarded \$35,000 by IDOT (for the MCORE project) to purchase and install counters (to automatically count pedestrian and bike traffic) along the identified MCORE corridors. This project proposal is to collaborate with CUUATS to install these counters, which will support future research, projects, and policy. There are 12 predetermined locations where the counters need to be installed. Three locations have been identified to install the Eco-Counters:

1. Illini Union (one at North of Green Street and one at South of Green Street) – Installed and online since March 2020
2. Intersection of Armory Avenue and Sixth Street – Planned installation date of August 2021
3. Intersection of Wright Street and Healey Street – Planned installation date of August 2021

This SSC funding will be used for the installation of the Eco-Counter installation at these two locations. The remaining funds will be used to purchase and install additional bicycle and pedestrian counters for the other pre-determined MCORE corridors.

Detailed Accounting of Expenditures to Date:

The funds have been transferred to the project. So far, we have installed Eco-Counter pedestrian and bicycle counter at the Illini Union location and spent \$5,500 there. The rest of the funds will be used to install the Eco-Counters at two other locations (intersection of Armory and Sixth, and intersection of Wright and Healey). Any remaining funds will be used to purchase new counters for the other corridors. A new CFOAPAL, with remaining funds, was created for Bike and Ped Counters in May 2021: 1-304479-701-SSC Bike and Ped Counters.

Project Progress to Date:

So far, we have installed Eco-Counter pedestrian and bicycle counter at the Illini Union location. We have auto data transmission for all Eco-Counters and we are reporting monthly data on the [iCAP Portal](#) and the [F&S website](#). We also display the monthly data for bicycle counts at this location (and others, when available) on the [Bike at Illinois website](#). Eco-Counters at the other two locations, intersection of Armory and Sixth and intersection of Wright and Healey, are scheduled to be installed by August 2021.

Student Involvement and Outreach to Date:

Students were involved in identifying the need for this project as well as determining the locations to place the Eco-Counters. The data collected from Eco-Counter will help us make our streets better for pedestrians, bicyclists, and all other modes of transportation.

Marketing and Promotion Efforts to Date:

The Eco-Counter at Illini Union (North and South of Green St) was installed in March 2020, and F&S had published it in the Customer Relations E-Update newsletter. F&S had also reported this project in the [progress report on the 2014 Campus Bicycle Plan](#) and published the report on the F&S website, Bike at Illinois website, and the iCAP Portal. F&S has also included the Eco-Counter in the Bicycle Initiatives section of the [Biking page on the F&S website](#).

Additional Comments:

We are very grateful for SSC's continued support to enhance our students' transportation experience on campus as well as SSC's continued patience with this project.