# *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:** Building Envelope Pilot Project – phase one

**Date of Report Submission:** 6/27/2022

**Project Purpose:**

The aim of this overall project is to develop in-house expertise at reducing wasteful heat transfer through building envelopes, particularly through air-tightening improvements. In this initial stage (aka, phase one), we intend to complete an envelope tightness assessment for the Transportation Building. We will work as a cross-functional project team at F&S, including the top leadership of the construction, utilities, and maintenance departmental areas. We will work closely with the campus experts from the Indoor Climate Research & Training team within the Applied Research Institute, and we will hire an external contractor to perform Thermal Imaging of the facility.

**Detailed Accounting of Expenditures to Date:**

No update

**Project Progress to Date:**

F&S contracted with Indoor Climate Research and Training (ICRT) to perform building envelope tightness assessment. Building envelope tests using blower doors was led by ICRT staff on May 21, 2022 at the Transportation Building on campus from 8 am – 2 pm. F&S staff prepared the building in advance and several F&S staff were present during the day of testing. F&S staff helped with the testing and some staff observed the project for determining feasibility of testing on additional campus buildings.

**Student Involvement and Outreach to Date:**

How have students been involved in your project so far? Students were recruited to participate in the building-envelope testing process in advance of May 21, 2022. A volunteer recruitment flyer was prepared and shared among student sustainability & iSEE networks. Four students responded that they were interested in attending the test day; 1 student let staff know that they would not make it due to an accepted internship and 3 students were no-shows on the test day.

**Marketing and Promotion Efforts to Date:**

What, if any, marketing and promotion efforts have you conducted so far? The Applied Research Institute posted an article on May 12 titled “Testing the Building Envelope Tightness of the U of I Transportation Building”. The link can be found here: <https://appliedresearch.illinois.edu/news/testing-the-building-envelope-tightness-of-the-u-of-I-transportation-building>

**Additional Comments:**

Any additional comments/relevant information for the semesterly report

Work on this project is on-going. ICRT provided a results report of findings in June 2022. F&S will contract with a company to complete Thermal Imaging of the building.