

## HEIF Project History At A Glance

|                                                          |                                    |                                                                 |
|----------------------------------------------------------|------------------------------------|-----------------------------------------------------------------|
| <b>Project Name</b><br>SCID INTERIOR LIGHTING<br>UPGRADE | <b>Project ID Number</b><br>XHF030 | <b>Chartfield</b><br>660804_SE001_D30037_00000_0000<br>0_XHF030 |
|----------------------------------------------------------|------------------------------------|-----------------------------------------------------------------|

[Link to Project Folder](#)

### Project Description / Scope:

This project initially proposed replacing all the T8 lamps within SCID with 10W Philips Instafit drop-in LED lamps, keeping existing ballasts and fixtures in place. After it was approved by the Committee, there were some concerns regarding emergency egress lighting, and the potential incompatibility of a drop-in replacement LED for these fixtures. Additionally there are concerns that keeping the existing ballast and fixtures will require replacing ballasts as they fail, or replacing fixtures as the ballasts fail, which result in the TLED being used for a period significantly shorter than its rated life. FM proposes developing a scenario with a full fixture replacement, including lighting controls and updated egress lighting.

### Additions to Project Description / Scope

*(Include date addition was approved by Committee):*

After going through the robust campus process for campus planning, design, and permitting with in-house experts and in consultation with third party vendor Frontier Consulting Engineers, the project scope developed into the following: this project includes the removal of the existing ballasts at existing T8 luminaires and replacement of existing T8 lamps with LED retrofit kits to achieve the goal of decreased power consumption.

### If you would like to read more in depth about this project:

[Link to Project Report Summary](#)

[Link to Spring 2015 Project Proposal](#)

[Link 2017-2018 Annual Report. see page 6](#)

[Link to 2020-2021 Annual Report. see page 8](#)

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## Major Project Milestones

| Stage / Phase                                                                                 | Description                                                                             |
|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| <b>Milestone 1: Idea Paper</b>                                                                |                                                                                         |
| Semester & Year Idea Paper Submitted                                                          | Spring 2015                                                                             |
| Idea Paper Author(s), Major(s), expected graduation year & Semester                           | Zander Kurnizki - Spring 2015<br>Danielle Stepien - unknown                             |
| Date Idea Paper Voted on By Committee<br>(Date aligns to Committee Mtg Minutes)               | <a href="#">10/10/2017</a> - voted to move development from another project to this one |
| Approved for Development (Yes / No)                                                           |                                                                                         |
| <b>Milestone 2: Development</b>                                                               |                                                                                         |
| Semester(s) & Year(s) Project was in Development                                              | Final development Fall 2017                                                             |
| Development Team Member names, majors, expected graduation year & semester                    | Andrea Calleros<br>Amanda Ramirez-Sebree                                                |
| Development Mentor Name                                                                       | Morgan King - FM Climate Action Analyst                                                 |
| Estimated Savings from this Project                                                           |                                                                                         |
| Date(s) Development Proposal Voted on By Committee<br>(Date aligns to Committee Mtg Minutes)  | <a href="#">12/05/2017</a>                                                              |
| Approved for Implementation (Yes / No)                                                        | Yes                                                                                     |
| <b>Milestone 3: Funding</b>                                                                   |                                                                                         |
| HEIF Funding Amount Requested in Development                                                  | \$14,698                                                                                |
| HEIF Funding Amount Approved by Committee                                                     | \$16,000                                                                                |
| HEIF Funding Amount Approved for design services (Included in the amount above)               |                                                                                         |
| Match Funding Amount from other sources<br>(State the other source)                           |                                                                                         |
| HEIF Funding Addition Approved by Committee,<br>(Include Date of Additional Funding Approval) |                                                                                         |
| Reason for HEIF Funding Addition                                                              |                                                                                         |
| <b>Milestone 4: Design &amp; Permitting</b>                                                   |                                                                                         |

|                                                                                      |                                                           |
|--------------------------------------------------------------------------------------|-----------------------------------------------------------|
| Date Project transition to PD&C                                                      |                                                           |
| Date Project completed Design Phase<br>(i.e. Date Project was Permitted)             | 8/13/2021                                                 |
| Name of Design Manager (in house)                                                    | Kassidy Banducci                                          |
| Name of Outside Consultant                                                           | Frontier Consulting Engineers                             |
| Major scope element changes                                                          | Added in removal of ballasts and installing retrofit kits |
| <b>Milestone 5: Implementation</b>                                                   |                                                           |
| Date Project entered Implementation Phase                                            | 8/13/2021                                                 |
| Date Project completed Implementation Phase                                          |                                                           |
| Delivery Method (e.g. name of implementer)                                           |                                                           |
| Name of Project Manager (in house)                                                   | Ray Robinson                                              |
| <b>Milestone 6: Project Closeout</b>                                                 |                                                           |
| Final Implementation Cost<br>(including non-HEIF sources)                            |                                                           |
| Date Project Billed & Recorded in OBI                                                |                                                           |
| <b>Milestone 7: Monitoring</b>                                                       |                                                           |
| Final Annual Savings Calculated                                                      |                                                           |
| Name of Person who Calculated Savings                                                |                                                           |
| How were savings calculated?<br>(e.g. monitoring devices, utility bill review, etc.) |                                                           |
| Date Savings Metrics Calculated                                                      |                                                           |

## Pictures

(Picture 1: Existing Conditions, date photo taken)

(Picture 2: Completed Project, date photo taken)

(\*Include screenshots and links to non-infrastructure projects.)

Names of People who compiled this information:

| Name           | Date         |
|----------------|--------------|
| Andrea Alstone | 1/21/2020    |
| Theressa Lopez | July 9, 2021 |
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