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Respondent

1 Mark Taylor

03:20

Time to complete

Final Project Report

1. Date of this final project report submission *

1/27/2026

2. Name of project exactly as it was listed in your award letter *

CornCrete

3. Date (or semester/year) of original award letter *

12/11/2017

4. Expiration date of award as listed on original award letter or approved scope change letter - whichever is more recent *

12/20/2025

5. Enter the amount of the award, including any budget increases as a result of a previous scope change. *

\$47,000

6. What is your project's 6 digit fund account number created for this project and to which the SSC allocation was transferred?

Please ask your project's financial contact for this information if unknown.

304458

7. How much (in dollars) of your award (including previous approved budget increases) is remaining? *

\$0

8. Briefly describe the goals of your project. *

The goal of the project was divert agricultural waste and direct it towards uses of a higher value. This result was the creation of two insulated monolithic walls, as this portion of the project was completed under budget a scope change was requested to install low carbon siding on and existing building close to the monolithic walls.

9. Did you complete your project as it was outlined in the original award letter or in a subsequent approved scope change? *

- Yes, the project was completed as originally outlined.
- No, the project was not completed as originally outlined.

10. On what date did you consider the project finished or that you stopped working on it? *

July 29th 2025 - This is when the project reached a \$0 balance.

11. Describe, in detail, the challenges / obstacles your project faced. *

The most significant challenges in the early stages of the project was working through the COVID years when only a limited number of students could be hired to work on the installation of monolithic insulated walls. Following the scope change the most significant challenge of phase 2 was the weather. Often it was either too cold, wet, or windy to make good progress on the project, working through the hottest part of the summer was also a challenge at times.

12. Describe, in detail, the successes your project experienced. *

I think the greatest success of the project is there are two examples of sustainable architecture that students, both on and off campus as well as members of the public can visit, touch and experience. Over the years both projects have seen dozens of visits totaling hundreds of visitors. Both projects have become a resource that can be referenced in a class setting and during open houses. In addition to that lasting legacy the skills gained by those involved in the project during the construction is also very valuable.

13. Describe, in detail, how your implemented project addressed sustainability. *

Phase one of the project was a demonstration of the sustainable use of agricultural waste fibers and how they can be repurposed as low embodied carbon insulation. The second phase of the project helped preserve the integrity of a structure that has many sustainable features including solar panels, geothermal heating and cooling and a carbon sequestering facade.

14. Describe, in detail, how your project integrated student involvement and community outreach. *

There was strong student involvement in all phases of the project with RA's being appointed to develop initial design details, through to the construction of the monolithic insulated walls. In phase two of the project a number of seminars were dedicated to the developing the details of the low carbon facade and its installation. RA's and academic hourlies were also involved in the facade project.

15. Describe how the project engaged individuals from underrepresented groups and/or how it promoted diversity, equity, and inclusion. *

The student's who worked on both phase one and two of this project were diverse.

16. What key takeaways should the campus community know about your project? *

The campus community should know there are now two great examples of sustainable architecture that can be visited and experienced during the changing seasons of the year.

17. Describe the marketing material developed for promotion of your project, including but not limited to advertising (including digital) and/or signage related to this project. All marketing must include SSC's logo and/or a statement of which fee funded the project. Projects must coordinate with SSC to ensure the promotion appropriately highlights the SSC's contributions to the project. *

The projects have primarily been promoted through academic conference presentations and proceedings. To date there is no signage at the two sites of the project, however there have been discussions to get some installed.

18. Upload project marketing and/or media not previously submitted in semester progress reports. *

 [Tour of Gable Home by Arch 473 students Autum Mark Taylor.pdf](#)

19. Complete and upload the semester financial documentation for your project. You should reflect all expenditures since your last semester project report. **We strongly suggest that you also upload supporting financial transaction reports from Banner for your award's CFOP. Talk to your project's financial advisor for more information on generating this report.**

<https://studentengagement.illinois.edu/sites/default/files/2024-09/SSC-Budget-Timeline-SEMESTER-PROGRESS-REPORT-template.xlsx>

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NOTE: Any unused project funds remain the property of SSC and will be transferred back to SSC when the project has finished or when the award expires, whichever comes first.

 [Account Reconciliation 767201Concrete ITD Fin Mark Taylor.pdf](#)