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## MTSU Clean Energy Initiative Project Funding Request

There are five (5) sections of the request to complete before submitting. See <http://www.mtsu.edu/sga/cleanenergy.shtml> for funding guidelines. Save completed form and email to [cee@mtsu.edu](mailto:cee@mtsu.edu) or mail to MTSU Box 57.

1. General Information	
Name of Person Submitting Request <b>Katherine Antone</b>	
Department/Office <b>Civil &amp; Environmental Engineering</b>	Phone # (Office) <b>615.494.8708</b>
MTSU Box #	Phone # (Cell) <b>615.473.6136</b>
E-mail	Submittal Date <b>09/27/2024</b>

2. Project Categories (Select One)	
Select the category that best describes the project.	
<input type="checkbox"/> Energy Conservation/Efficiency	<input type="checkbox"/> Sustainable Design
<input checked="" type="checkbox"/> Alternative Fuels	<input type="checkbox"/> Other
<input type="checkbox"/> Renewable Energy	

3. Project Information
<p>a. Please provide a brief descriptive title for the project.</p> <p>b. The project cost estimate is the expected cost of the project to be considered by the committee for approval, which may differ from the total project cost in the case of matching funding opportunities. <b>Any funding request is a 'not-to-exceed' amount. Any proposed expenditure above the requested amount will require a resubmission.</b></p> <p>c. List the source of project cost estimates.</p> <p>d. Provide a brief explanation in response to question regarding previous funding.</p>
3a. Project Title <b>Inlet/Stormwater Sewer Protection</b>
3b. Project Cost Estimate <b>\$3500-\$4000</b>
3c. Source of Estimate <b>Estimate from vendor</b>
3d. If previous funding from this source was awarded, explain how this request differs? <b>n/a</b>

#### 4. Project Description

(Completed in as much detail as possible.)

- a. The scope of the work to be accomplished is a detailed description of project activities.
- b. The benefit statement describes the advantages of the project as relates to the selected project category.
- c. The location of the project includes the name of the building, department, and/or specific location of where the project will be conducted on campus.
- d. List any departments you anticipate to be involved. Were any departments consulted in preparation of this request? Who? A listing may be attached to this form when submitted.
- e. Provide specific information on anticipated student involvement or benefit.
- f. Provide information for anticipated future operating and/or maintenance requirements occurring as a result of the proposed project.
- g. Provide any additional comments or information that may be pertinent to approval of the project funding request.

4a. Scope: Work to be accomplished **Install inlet protection at five inlets on MTSU Boulevard between Corlew and Cason Kennedy.**

4b. Scope: Benefit Statement **Inlet protection serves to stop litter from entering stormsewer pipes. Once trash and debris enter the pipes, they can clog the pipes, but are difficult to clean depending on how far into the pipes the debris travels. With inlet protection, the debris will stop at the inlet where it is more accessible and easier to clean out. This will serve to hopefully prevent flooding from clogged pipes, as well as preventing litter from making it through the system and into our waterways.**

**4. Project Description (continued)**

4c. Location of Project (Building, etc.) **MTSU Boulevard between Corlew and Cason Kennedy**

4d. Participants and Roles

**Katherine Antone – Civil Engineer**

**Alan Parker - Director**

4e. Student participation and/or student benefit **Easing localized flooding will result in safer and more convenient travel in that section of campus. Also, cleaner waterways are a benefit to all!**

4f. Future Operating and/or Maintenance Requirements **Protectors will need to be cleaned of debris regularly and before expected large storm events. Grounds will be responsible for maintenance most likely.**

4g. Additional Comments or Information Pertinent to the Proposed Project **Stormwater and whatever contaminants it is carrying, enter the stormwater system, and outlet, untreated, into creeks, rivers, and streams. The benefits of water pollution reduction go beyond campus.**

## 5. Project Performance Information

Provide information if applicable.

- a. Provide information on estimated annual energy savings stated in units such as kW, kWh, Btu, gallons, etc.
- b. Provide information on estimated annual energy cost savings in monetary terms.
- c. Provide information on any annual operating or other cost savings in monetary terms. Be specific.
- d. Provide information about any matching or supplementary funding opportunities that are available. Identify all sources and explain.

5a. Estimated Annual Energy Savings (Estimated in kW, kWh, Btu, etc.)

5b. Annual Energy COST Savings (\$)

5c. Annual Operating or Other Cost Savings. Specify. (\$)

**Savings coming from this project will vary. However, the flooding in the area impedes traffic and can be a danger to students. This project will help alleviate some risks and allow facilities resources to be better spent elsewhere.**

5d. Matching or Supplementary Funding (Identify and Explain)