

Student Assembly

900 North Grand Avenue, Suite 6J

Sherman, TX 75090-4440

Office located in Wright Campus Center 176

20SA23

assembly@austincollege.edu

(903) 813-2300

IDEA Center Irrigation Repair Action Resolution

Sponsor: Kate Howard, Student Sustainability Fund Delegate

Fully aware

The IDEA Center at Austin College uses native landscaping to provide educational opportunities for students and visitors. The building houses a sophisticated rainwater catchment system to water to that vegetation sustainably at no additional cost to the college, per its LEED Gold certification. When the system broke down in approximately 2015, water stopped being delivered through irrigation lines and instead began running off onto Richards Street, damaging the road's integrity and creating massive potholes. The Center for Environmental Studies proposes to repair both the catchment system and the irrigation lines that have been neglected since the break down,

Having seen

Though native plants are well adapted to the environmental conditions of North Texas, the lack of water and regular maintenance to native vegetation around the IDEA Center has resulted in some competitive species taking over large areas of the landscape. Before that problem can be addressed, we must address the catchment and irrigation systems,

Informed

The immense size of the IDEA Center means that roughly 21,000 gallons of water can run off the roof of the building for every inch of rain that falls. This is in addition to a large volume of condensation from the building's air conditioning system,

Convinced

The college's electrician, Derek Goodloe, has the skills and some of the needed materials to replace the currently inoperable irrigation controller box. The controller senses the amount of water in the catchment tank and turns on the pumps within to ensure the tank does not overflow,

Be it resolved

That the Student Assembly authorizes the purchase of materials necessary to repair the IDEA Center irrigation control system and irrigation lines. The ENVIS coordinator would immediately begin arranging contracted irrigation work. **The estimated cost for this project is \$5,200.**

Material/Item	Cost
Irrigation System Controller	\$2000
Decoder Module	\$1500
Irrigation System Inspection/Repair	\$1700

We understand that if our greenhouse proposal is accepted by the Student Assembly, that only \$4,575 would remain in the SSF budget for the year. In that case, we would ask the Physical Plant to supply the addition \$625 needed to complete the repairs. ENVIS could also supply the funds if absolutely necessary, as we are intent on having this project completed in a timely manner.