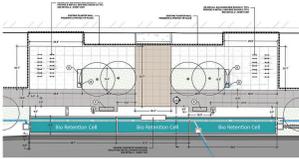


700 N. Storm Water Enhancement Project

[<<< Back to Site Design](#)



700 N. Storm Water Enhancement Project

Project Lead: Jake Powell

Fast Facts

- **Year:** 2020
- **Client:** Utah State University
- **Outcomes:** Storm water demonstration and education site.
- **Status:** Complete
- **Project Size:** 0.5 acres
- **Project Scale:** Site
- **Impacts:** LAEP Extension acquired a grant to bring \$65,000 of additional funding to enhance the storm water component of the larger 700 N. project. The effort has resulted in 12 times greater area of potential storm water capture, a finished installation, and the development of signage that interprets real time data and shares it with students and visitors alike.

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Project Summary

LAEP Extension worked to secure funding from the Utah Division of Water Quality to enhance the storm water retention and education portion of phase 1 of the 700 N. upgrade project. The project and associated signage will

establish the area as a university and community hub for storm water information and demonstration.

Project Description

700 North is known as “Aggie Blvd.” because it traverses Utah State University’s Logan Campus. This road carries a consistent flow of vehicle traffic and pedestrians and is the gateway to Utah State University. Phase 1 of a project to improve the road included the addition of low impact storm water practices to help USU comply with its new MS4 permit issued by the EPA. USU LAEP submitted a successful grant application to the Utah Department of Water Quality to acquire funding to incorporate additional enhancements into the project. The funding helped to expand the total estimated amount of area draining into the treatment area from 10,500 square feet to 128,500 square feet. Funding also allowed the creation of more permeable storm water friendly surfaces in the plaza area, and additional curb cuts to allow water to infiltrate. The funding also provides for sensors to measure water quantity and quality parameters to provide much needed locally relevant storm water data for the region. Additionally, the funding establishes interpretive signage to educate visitors regarding the project as well as other projects located throughout Cache Valley. The project is becoming a hub for storm water demonstration, innovation, and interpretation.