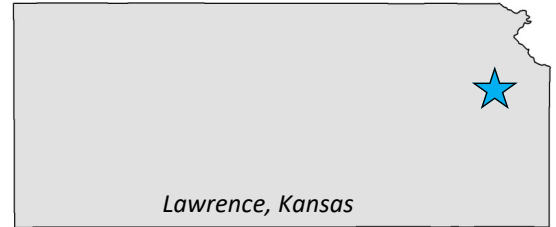


# University of Kansas Sustainable Parking Lot

**Project Description:** This project was implemented to repair a parking lot in bad shape while incorporating a sustainable infrastructure to lower the impact of the built environment in the area. The completed parking lot serves as an example of how to integrate multiple green infrastructure features into one relatively small area to create a sustainable and ecofriendly space.

**Project Location:** Lot 54 on the University of Kansas main campus, Lawrence, Kansas, between 15th Street and Irving Hill Road

**Project Partners:** TranSystem Corporation and Landworks Studio designed the project. It was constructed by Kissick Construction Company Inc. KU campus volunteers planted the rain garden.



**Construction Completed:** Fall 2013

## **Key Green Infrastructure Components:**

- Porous pavement
- Aggregate for water storage
- Rain garden
- Native shade trees

## **Environmental Benefits:**

- Allows water to drain through to the subsurface instead of running off and collecting pollutants from the pavement
- Can retain eight inches of rain a day (400,000 gallons)
- Captured rainwater used to irrigate trees and shrubs rather than going to the city's drainage system
- Filters more than 80 percent of sediment and pollutants from each rainfall

