Project Description:
Bowman Bowman Novick, in conjunction with Burns & McDonnell, developed a design that included native grasses and wildflowers to treat the polluted stormwater running off the 11 acres of Johnson County Community College’s (JCCC) parking lots. The project design incorporated many best management practices including:

- Wetland with forebays, spillways, a water feature, flood detention storage and energy dissipators
- A bioretention cell
- Two rain gardens
- Prepackaged StormTreat(TM) unit
- Three bioswales
- Native plantings
- Pervious paving

Goals:
Design and construct a natural stormwater treatment system on the southeast side of the JCCC campus.

Community Benefits:
In addition to making Overland Park’s streams cleaner, this project is an example of “green infrastructure” for students and the general public. This system demonstrates stormwater treatment capabilities of natural systems and provides JCCC and its students educational and learning opportunities.

Funding Sources and Partnerships:
This project was funded by an $867,000 grant from the American Recovery Reinvestment Act.

Contact:
PJ Novick, Principal
Bowman Bowman Novick, Inc.
411 Nichols Rd., Ste. 246
Kansas City, MO 64112
816-753-2550
pjn@bbnarchitects.com