



Anita B. Gorman Conservation Discovery Center Kansas City, Missouri

GREEN INNOVATIONS

- Bioswales
- Geothermal heat pump

QUICK FACTS

- Completed in January 2002
- 11-acre site
- Cost was \$8 million; combined public and private funding

DESCRIPTION

Bioswale landscaping in the parking lot scrubs pollutants from street and parking lot runoff, and the bioswales' native plants lessen the need for year-round maintenance. Curb breaks allow water to enter the bioswales. A geothermal heat pump comprised of 84 (200-foot deep) wells beneath the parking lot provides energy efficient heating and cooling to the building's 90-ton HVAC system.

The project provides reduction of stormwater impacts on the community and nearby Brush Creek. By re-introducing native plantings in the bioswales, planners took advantage of opportunities to enhance remnant habitats. Practices such as this can help long-term restoration of miniature biomes representative of native Missouri.



CONTACT

Jim Schuessler, Associate
BNIM Architects
jschuessler@bnim.com