



## I'Lan Park Leawood, Kansas

### GREEN INNOVATIONS

- Pervious concrete – a test for pervious surfaces in this region's freeze/thaw cycles

### QUICK FACTS

- 6,300 square feet (14 parking stalls)
- Project cost: \$75,000
- Completed March 2007

### DESCRIPTION

The original project called for the addition of parking stalls at I'Lan Park with a traditional eight inches of asphalt. After bidding out the project, staff and council members were interested in seeing how pervious pavements perform in the freeze/thaw cycles of this region. The project was modified to be eight inches minimum of clean rock and six inches pervious concrete. The east curb line was constructed as a concrete ribbon to allow stormwater to flow out of the parking lot when the aggregate and pervious concrete become inundated.

This project serves as a test project demonstrating that pervious pavement is a viable alternative for the storage and treatment of stormwater in this region. The cost compared to traditional methods was considerably higher because, at the time of construction, post-construction stormwater



requirements were not in place. However, for new developments a savings would be realized on the reduction of storm sewers and stormwater treatment, which are now post-construction requirements in Leawood.

### CONTACT

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