



Vehicle Impound Facility Kansas City, Missouri

GREEN INNOVATIONS

- Bioswales
- Landscaping to curb heat island effect

QUICK FACTS

- Project cost: \$12 million
- 12,000 square feet
- Opened January 2009

DESCRIPTION

Despite the environmental challenges associated with vehicle impound lots, the new facility for Kansas City, Mo., has several green features. Due to the high percentage of chemical sediment contamination that is released from impounded vehicles, pervious pavement was not an option for this project. As an alternative, a large bioswale was added to infiltrate the stormwater runoff.

The vehicle impound lot also faced landscaping challenges. Trees were not allowed within the parking lot, as security cameras required unobstructed views to properly monitor the facility. As an alternative, median landscaping and plantings around the building were added to curb the heat island effect.



DESIGN TEAM

El Dorado Inc (Architecture)
SK Design (Civil Engineering)
Patti Banks Associates (Landscape)

CONTACT

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