

Georgetown Fire Station BMP Parking Lot

project description | 319 grant

location

Georgetown, Kentucky

client

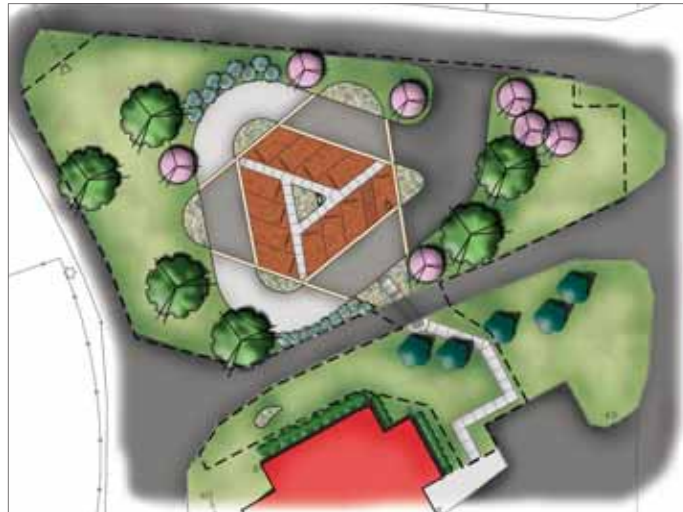
City of Georgetown

budget

\$220,000

LEED Credit Opportunities

SS Credit	1.0
SS Credit	5.1
SS Credit	5.2
SS Credit	6.1
SS Credit	6.2
SS Credit	7.1
WE Credit	1.1
WE Credit	1.2
WE Credit	4.2
WE Credit	5.1
ID Credit	1.1



CDP is developing construction documents for an educational / demonstration parking lot improvements project through the implementation of urban water quality Best Management Practices (BMP's) such as porous pavements, rain gardens, rain barrels and vegetated swales. The parking lot consists of conventional asphalt, porous asphalt, conventional concrete, porous concrete and brick pavers throughout the site for comparison of these paving practices. Rain gardens are also used to capture rainwater and return it to the watertable. CDP assisted Georgetown applying for an EPA 319 (h) grant to help fund the project and continue to educate the surrounding community of urban BMP's.

Once this project is constructed, it will continue to be apart of demonstrations, presentations and publications targeted toward educating other municipalities and design professionals on the key goals of the project.



project components

- Reduce Nonpoint Source (NPS) pollution in watersheds throughout Kentucky by using water quality BMP's.
- Promote the LEED program and LID methodology of using techniques that infiltrate, filter, store, evaporate, and detain rainfall excesses close to their source.
- Parking lot theme was based on the "recycling" symbol.
- Implements underground storage systems that contain 5 year storm events.
- Showcases multiple LID techniques to capture rain where it falls and allows it to infiltrate back into water table.