



# Green Infrastructure & Stormwater Management CASE STUDY

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## Forest Community Park

**Location:** Baton Rouge, LA

**Client:** Recreation and Park Commission for East Baton Rouge Parish (BREC)

**Design Firm(s):** BROWN+DANOS landdesign, inc.

**Landscape architect/Project contact:** Chad D. Danos, ASLA

**Email:** [cdanos@browndanos.com](mailto:cdanos@browndanos.com)

**ASLA Chapter:** Louisiana

### Project Specifications

**Project Description:** The existing park was stagnant, underutilized, and in disrepair. As the only park in the system based on the natural forest, the landscape architect designed a new park layout and features based on the forest and wildlife concept. Wildlife footprints in pavement, giant leaf sculptures, and climbing logs with animals peeking out of holes bring the forest to life in whimsical play for young children. The park engages entire families, fostering the imagination of all. A new parking lot was developed with bioswales as a main feature in dealing with stormwater.

**Project Type:**

Open space - park

A retrofit of an existing property

**Design features:** Bioswale and curb cuts.

**This project was designed to meet the following specific requirements or mandates:**

Local ordinance

**Impervious area managed:** greater than 5 acres

**Amount of existing green space/open space conserved or preserved for managing stormwater on site:** greater than 5 acres

**The regulatory environment and regulator was** supportive of the project.

**Did the client request that other factors be considered, such as energy savings, usable green space, or property value enhancements?** No.

## Cost & Jobs Analysis

**Estimated Cost of Stormwater Project:** \$1,000,000-\$5,000,000 (Public funding: Local)

**Related Information:** Park renovation was a \$3.9M project. Can't quite say what part was stormwater related.

**Was a green vs. grey cost analysis performed?** No

**Cost impact of conserving green/open space for stormwater management over traditional site design/site development approaches (grey infrastructure)?** Slightly reduced costs (1-9% savings).

**Number of jobs created:** Not available

**Job hours devoted to project:** Not available

Planning and Design: Not available

Construction: Not available

Annual Maintenance: Not available

## Performance Measures

**Stormwater reduction performance analysis:**

Not available