



# Green Infrastructure & Stormwater Management CASE STUDY

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## Cromwell Park

**Location:** Shoreline, WA

**Client:** City of Shoreline, Washington

**Design Firm(s):** SB&A Landscape Architects, Gaynor, Inc., PACE Engineers

**Landscape architect/Project contact:** Charles A. Warsinske, ASLA

**Email:** [war@sbassociates.com](mailto:war@sbassociates.com)

**ASLA Chapter:** Washington

## Project Specifications

**Project Description:** SB&A led a team of landscape architects, wetland biologists, and civil and structural engineers in the master planning and design of Cromwell Park Redevelopment, City of Shoreline, Washington. The planning and design program for this 9-acre park included stormwater quality and stormwater detention facilities, wetland mitigation and wetland creation. Recreation facilities included walking trails, baseball and soccer fields, amphitheater and stage, playgrounds, restrooms and interpretive signage. The design allows the public to enjoy the recreation facilities which all overlook the wetlands, watercourses and wildlife habitat. The park was completed in the fall of 2010.

### Project Type:

Open space - park

Part of a redevelopment project

**Design features:** Bioretention facility, bioswale, porous pavers, and curb cuts.

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

State statute, county ordinance, local ordinance

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

**Amount of existing green space/open space conserved or preserved for managing stormwater on site:** 1 acre to 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)

**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)?** Did not influence costs.

**Number of jobs created:** 10 temporary

**Job hours devoted to project:**

Planning and Design: 500

Construction: a lot

Annual Maintenance: 500

### **Performance Measures**

**Community & economic benefits that have resulted from the project:** Public interpretation of the stormwater management