



Green Infrastructure & Stormwater Management CASE STUDY

Highlands Family Aquatic Center

Location: Westerville, OH

Client: City of Westerville

Design Firm(s): POD Design

Landscape architect/Project contact: Steve Kolwicz, ASLA, LEED AP

Email: skolwicz@poddesign.net

ASLA Chapter: Ohio

Project Specifications

Project Description: Low impact design elements to treat and handle storm runoff related to the renovation of a family aquatic center. All water feeds an existing low-grade wetland that the city is attempting to improve with both biodiversity and water quality before leaving the property. Techniques utilized include bioretention and porous paving.

Project Type:

Open space - park

Part of a redevelopment project

Design features: Bioretention facility, rain garden, bioswale, green roof, downspout removal, porous pavers, and curb cuts.

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

Developer/client preference

Impervious area managed: 1 acre to 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: \$100,000-\$500,000 (Public funding: Local)

Was a green vs. grey cost analysis performed? No

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