Mayfield Village Wetland Park

**Location:** Mayfield Village, OH  
**Client:** Village of Mayfield, Ohio  
**Design Firm(s):** URS Corporation, Cleveland  
**Landscape architect/Project contact:** Thomas Evans, ASLA  
**Email:** tom.evans@urscorp.com  
**ASLA Chapter:** Ohio

**Project Specifications**

**Project Description:** The Mayfield Village Wetland Preserve preserves, enhances and enlarges a 14-acre wetland complex to serve multiple stormwater management functions within a 25-acre wetland park.

**Project Type:**  
Open space - park  
Part of a new development

**Design features:** Stormwater wetland providing stormwater management for a 40-acre project area.

**This project was designed to meet the following specific requirements or mandates:**  
Local ordinance, meet local stormwater management code

**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. A 25-acre wetland preserve was created.

**The regulatory environment and regulator was apprehensive about the project.**

**Did the client request that other factors be considered, such as energy savings, usable green space, or property value enhancements?** The Village desired the creation of a 25-acre wetland park to provide an amenity to the adjacent and developing office campus for Progressive Insurance. The enhanced wetland complex provides significant filtration from runoff from adjacent I-271 and the upstream 300-acre watershed.
**Cost & Jobs Analysis**

*Estimated Cost of Stormwater Project:* $100,000-$500,000 (Public funding: Local)

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

*Cost impact of conserving green/open space to the overall costs of the site design/development project:* The project provided a cost effective way to solve stormwater management and wetland mitigation functions to offset impacts from a 500,000 sq/ft office campus development.

*Cost impact of conserving green/open space for stormwater management over traditional site design/site development approaches (grey infrastructure)?* Significantly reduced costs (10% or greater savings). Grey infrastructure solution would have been cost prohibitive.

*Number of jobs created:* 5

*Job hours devoted to project:*
  - Planning and Design: 1,800
  - Construction: 2,000
  - Annual Maintenance: Not available

**Performance Measures**

*Stormwater reduction performance analysis:* The project created a 7-acre wetland basin serving a 300-acre suburban watershed, which HEC RAS modeling indicates reduced peak discharges by 25%.

*Community & economic benefits that have resulted from the project:* The 25-acre wetland park provides stormwater management, wetland mitigation, and an open space amenity for the economic development of the adjacent office campus for Progressive Insurance housing 2000 jobs.

**Additional Information**

*Links to images:* Additional project information, images, plans, and description are readily available from the landscape architect.