

## CAWRSE OFFICE BUILDING & SUSTAINABLE SITE Chagrin Falls, Cuyahoga County

**Date Completed:** November 2007

**Description:** Cawrse & Associates, Inc., a landscape architecture and land planning firm located in Chagrin Falls, Ohio developed their new office building with LEED principles in mind. Pervious pavers, rain gardens, and bioswales all were included in the design with storm water management as an end goal.

**Project Size:** 1 acre

*Below: Cawrse & Associates Office Building and Pervious Pavers Parking Area  
(photo: Cawrse & Associates, Inc.)*



# CAWRSE OFFICE BUILDING

Chagrin Falls, Ohio

The new office building site for Cawrse & Associates, Inc. develops the land in a sustainable manner using environmental sensitivity, specifically using LEED principals. Restoring and retaining the natural systems through a design that is conscientious of natural features is a key point in the project vision. Because of this approach, the Chagrin River Watershed Partners awarded the project a grant to help defray the cost of the proposed porous pavers, rain garden, and bio-swale. Not only does the project make stormwater connections, but also the location of the new building maximizes open space through infrastructural connections to the nearby development. The majority of the open space is intended to remain naturalized, and will be enhanced by plantings in the bio-swale and basin.



**Porous Pavers**



**Rain Garden**



**Bio-detention Basin**



**Bio-swale**



***Developer/Client/Owner:***

The 547 Group LLC, (Owner)  
549 East Washington Street  
Chagrin Falls, OH 44022

***Designer/Consultant:***

Cawrse & Associates Inc.  
549 East Washington St.  
Chagrin Falls, Ohio 44022

<http://www.cawrse.com/>

***Key Features:***

- Permeable Pavers
- Rain Garden
- Bio-swales
- Bio-detention Basin

***Project Cost:*** \$750,000

***Maintenance Cost:***

Costs to maintain the property are minimal and are in line with or less than what it would cost to care for conventional parking and landscaped areas. There is no grass to mow in the spring and summer, and there are no additional costs or methods involved with snow plowing in the winter months.

***Funding Sources / Incentives:*** Private Construction Loan

***Applicable Zoning Regulations:*** Business Zoning

***Additional Comments:*** All the green features used on the site really do handle all the stormwater.