



Lancaster Road Reconstruction w/ Bioretention Cells

Client:

Village of Brooklyn Heights

Client Contact:

Mayor Mike Procuk
345 Tuxedo Avenue
Brooklyn Heights, OH 44131

Location:

Brooklyn Heights, Ohio

Approximate Project Budget:

\$500,000

Start Date:

June, 2011

Completion Date:

August, 2011

This project was completed as part of an overall pavement rehabilitation project for Lancaster Drive, which serves as the main entryway into one of the Village's largest business park. The total project cost was approximately \$500,000 which the Village was able to secure almost 80% of the funds through grants and 0% loans from the Ohio Public Works Commission. The project utilized a process referred to as "white-topping", whereby original concrete pavement was left in place to serve as the base for a new 6-inch fiber-reinforced concrete street with curbs and gutters.

The Village also leveraged another partner, the Northeast Ohio Regional Sewer District to install rain gardens to treat run-off prior to entering the local West Creek tributary. Although the project did not require an Ohio EPA Construction General Permit, and consequently any post-construction stormwater controls, the Village recognized the opportunity to enhance aesthetics by replacing an existing concrete island with landscaping, while at the same time incorporating a unique way to purify stormwater runoff before it is discharged to West Creek.

