

AUTUMN TRAILS



CHALLENGE: As an environmentally-conscious developer, George Bialecki, Jr. is an advocate for green building and feels his projects sell faster because of it. For his Autumn Trails Community in Moline, Illinois, 39,000 sq.ft. of permeable pavers were needed for the community's roadways for their ability to reduce stormwater runoff.

SOLUTION: The permeable interlocking paver, Ecoloc, was installed for this project. An added benefit of using the permeable pavers was that he saved thousands of dollars in drainage construction costs and runoff fees and was able to eliminate a detention pond, which made more land available for housing units and greater profitability.

Construction Details

- Pavers 3 1/8" (80mm) thick Ecoloc®
- Square Footage 39,000
- Bedding & Joints 2" thick Illinois DOT CA-16 stone
- Base 8" thick CA-7 stone (ASTM No. 57)
- Subbase 8" thick CA-1 stone (ASTM No. 2)
- Drainage Perforated pipe to remove excess water

LOCATION

Moline, Illinois

PRODUCT

Ecoloc®

DESIGNER LOCATION

George Bialecki, Jr.
Alternative Energy Builders
Robert McLean
Twins Landscaping and Design

DATE OF INSTALLATION

2006