

GEOWEB®

Vegetated Retaining Wall

SOFT SOIL AREA



VILLAGE OF MORELAND HILLS

Moreland Hills, Ohio



Vegetated Wall Offers Natural Aesthetics; Performance in Soft Soil Area.

Project Scope:

The village of Moreland Hills, Ohio faced a challenge to retain soils in a problematic soft soil area. But, piling systems were expensive and a concrete solution in the natural environment was undesirable. Wall types considered included concrete and modular block, but the Presto GEOWEB® retaining wall was selected for its natural aesthetics and lower cost.

Environmental Benefits:

- Outer facia provides a natural environment for vegetation.
- Horizontal terraces maximize rainwater collection, minimizing storm water runoff and erosion.
- Contributes to green infrastructure initiatives for reducing site disturbance and development footprint; reducing stormwater runoff.
- Lifetime solution that is flexible and will not crack with settlement.

The GEOWEB® earth retention system's inherent qualities include its flexibility, ability to withstand reasonable differential settlement in soft soil environments, ability to be vegetated and lower cost that does not require invasive equipment such as augers or H piles.



PRESTO GEOSYSTEMS®

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