

GEOBLOCK GEOWEB solutions for trails and greenways

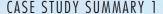




As communities develop and expand greenway and trails into environmentally-sensitive areas, finding cost-effective ways to protect the surface and adjacent land with low impact solutions is crucial. The challenge is to maximize permeability and/or green space while maintaining a trail environment that is stable, aesthetically-pleasing, relatively low maintenance, and environmentally-sound.

The Geoweb® and Geoblock® systems offer solutions to numerous trail and greenway needs—some of which are illustrated in this case study summary.

- Trail surface and base stabilization
- Vegetated earth retention
- Trail-hardening
- Slope stabilization







CASE STUDY 1

The Back Woods at Museum of Science and Industry (MOSI) Tampa, Florida

The Geoblock® system created a walking path suitable for wheelchairs through the wooded nature area at MOSI. This 1.2 m- (4 ft-) wide x 762 m- (2,500 ft-) long path is filled with low-maintenance 6 mm (1/4 in) river rock.







GEOWEB® GEOBLOCK®

CASE STUDY 1

Trenton Recreational Trail Trenton Air Force Base Ontario, Canada

The Geoweb® system provided stabilization and resistance to seasonal flooding through a reclaimed area on a 9 m (5.5 mile) recreational trail. The

Geoweb sections were placed over a woven geotextile and infilled with crushed limestone.





Photos courtesy Soil Stabilization Products Company

CASE STUDY 2

Tanner-Moffett Creeks Trail Columbia River Gorge The Dalles, Oregon

Plans for a new 160 km (100 mile) bike and pedestrian trail required a series of switchbacks

to bring the path underneath Interstate 84. The vegetated Geoweb® earth retention system with green facia provided an aesthetically-pleasing solution for Oregon DOT.



Photos courtesy RCAA—NRS for Soil Stabilization Products Company

CASE STUDY 3 Hammond Trail Vista Point North

McKinleyville, California The Redwood Community Action Agency (RCAA)

utilized the Geoweb® earth retention system to stabilize silty sand embankments on the uphill and

downslope sides of the Hammond Trail at Vista Point North. Tan-facia Geoweb sections were used for aesthetic appeal on the 1.2m- (4 ft-) high gravity walls.





Kettle Moraine State Forest Palmyra, Wisconsin

On a popular mountain bike trail plagued with erosion problems, Wisconsin DNR officials repaired steep areas with the Geoblock® system, creating a stable and permeable load-bearing surface.





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