

# MetroLink Erosion Control Case Study



The Midwest's Most Trusted Site Solutions Provider

**Project:** MetroLink Soil Nail Wall

**Location:** Belleville, Illinois

**Application/Solution:**

Flexterra FGM

**Market Sector:** Transportation

**Salesperson:** Ed Nelson

**Owner:** Metro

**Engineer:**

Thouvenot, Wade & Moerchen, Inc.

**Contractor:** Mayer Landscaping

**Installed:** September 2013

case study

## Challenge

On this project, we had a 300' long slope at a 2:1 gradient. The soils were fairly stiff but erodable at a 2:1 slope and the length definitely required advanced erosion control practices.

## Solutions

The engineer's initial design called for double net straw erosion control blanket with straw wattle slope dissipaters to slow down the sheet flow and North American Green SC-250 in the created swale. The Contractor proposed a VE to Flexterra FGM using IDOT Class 2 slope mix with an increase in the rye to 35lbs/acre and wheat seed to 100lbs/acre. The VE Proposal would decrease the installed cost of material by \$0.15/sy.

## Results

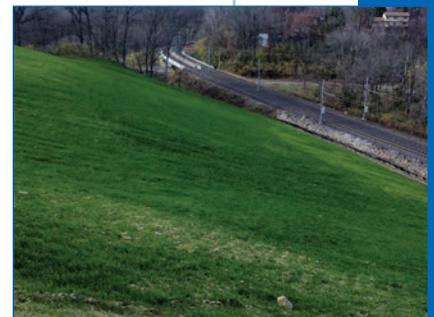
The results of the project were outstanding and the owner was extremely happy. The time of the year lent itself well to the success of the project. Heavy dew in the mornings which was retained by Flexterra, provided a platform that we achieved initial germination in three days. The contractor paid \$10.00 more per acre (his expense) to bump up the seed requirements which gave us a quick pop of annual seed growth before the fescue germination took place. In 3 weeks, the vegetation was fully established.



1 Grading of slope.



2 More grading of slope (prefer to have tracked equipment running up and down slope).



3 3 weeks after seeding with Flexterra.

# MetroLink Erosion Control Case Study continued



## Products

Manufacturers included in solutions and product:

**Product:**

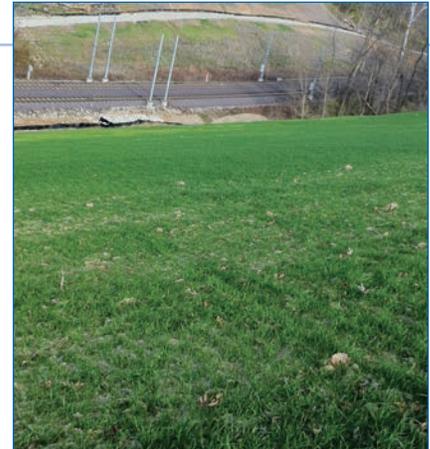
Flexterra

**Manufacturer:**

Profile Products



**4** Notice the grading of slope (fine grade not necessary).



**5** Another picture showing finished grading and vegetation establishment.



**7** The slope 1 year after.



**6** Close up showing Flexterra coverage of the soil particles.

## Company Information

**ASP Enterprises, Inc. and Quick Supply Co.** For more than three decades, A.S.P. Enterprises and Quick Supply Co. has served the erosion control industry with integrity and expertise. We provide engineers and landscape contractors the exceptional value for their money and have grown to become the Midwest's full-line distributor of erosion-control, geosynthetics, storm water management products, wall block, landscape pavers, and drainage products.

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