



Case Study

application | **Micro Seal with Paving Fabric Interlayer**
location | **Belair Drive, Byron, IL**
product | **Mirafi® MPV500**

authorized dealer
engineer
contractor
date of installation

Road Fabrics, Inc.
Road Fabrics, Inc.
AC Pavement Striping
July 2012

TenCate™ develops and produces materials that function to increase performance, reduce costs and deliver measurable results by working with our customers to provide advanced solutions.

THE CHALLENGE

The City of Byron, IL was looking to develop new technology to decrease their maintenance costs and extend the life cycle of their roads.

THE DESIGN AND CONSTRUCTION

In 2012, Byron's Public Works Director was scheduled to use a micro seal on various streets in the city and decided to incorporate the use of a pavement interlayer on part of the project to stop water from penetrating the micro seal.

THE PERFORMANCE

After a mild winter and multiple freeze thaw cycles, the difference in the section with TenCate Mirafi® MPV500 fabric was apparent. The section of the road that was not treated with the interlayer had significantly more reflective cracks appear which allowed water to enter the cracks and further deteriorate the roads base.

The City of Byron plans to use pavement interlayers in the majority of their upcoming road projects.



Micro seal and fabric after first winter.



TenCate® Geosynthetics Americas assumes no liability for the accuracy or completeness of this information or for the ultimate use by the purchaser. TenCate® Geosynthetics Americas disclaims any and all express, implied, or statutory standards, warranties or guarantees, including without limitation any implied warranty as to merchantability or fitness for a particular purpose or arising from a course of dealing or usage of trade as to any equipment, materials, or information furnished herewith. This document should not be construed as engineering advice.

Mirafi® is a registered trademark of Nicolon Corporation.

© 2013 TenCate Geosynthetics Americas

0513

365 South Holland Drive Tel 800 685 9990 Fax 706 693 4400
 Pendergrass, GA 30567 Tel 706 693 2226 www.mirafi.com

