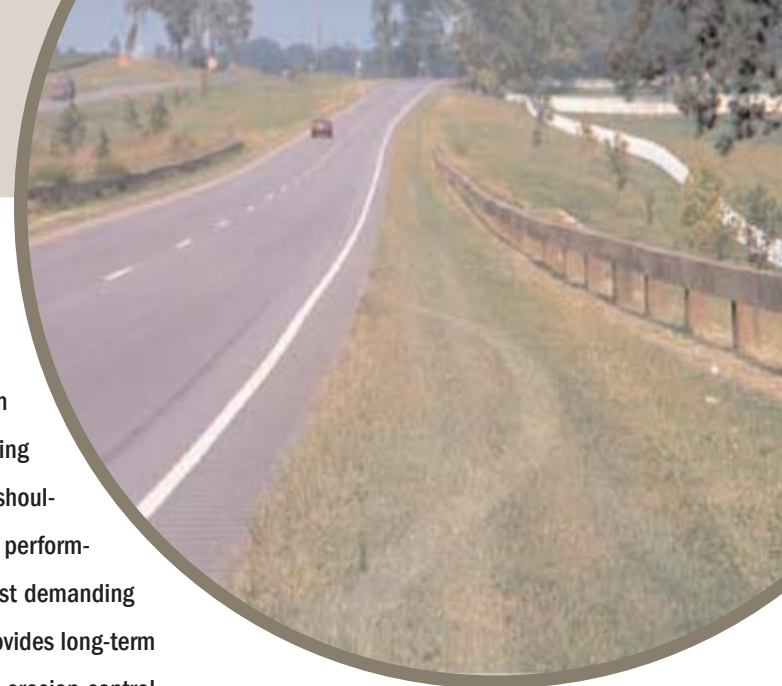


# PROJECT SPOTLIGHT

## KENTUCKY DOT TRUSTS PYRAMAT® TO KEEP THE COUNTRYSIDE BEAUTIFUL

In 2002, the Kentucky Department of Transportation (KDOT) determined the need to widen the highway that runs from Lexington to Paris. Drivers on US 68, known locally as Paris Pike, travel through picturesque countryside, and preserving the natural beauty of the state's rural horse farm country was a high priority during the project. KDOT wanted green shoulders and a green median, but they also needed surfaces that could meet tough performance standards. Pyramat® high performance turf reinforcement mat (HPTRM) from Propex Geosynthetics provided the ideal solution. Designed for the most demanding applications, Pyramat with X3® technology has a patented three-dimensional woven geotextile construction that provides long-term strength, dimensional stability, durability and functional longevity not available in other permanent or degradable erosion control solutions. Pyramat's features ensured that the median and shoulders would withstand occasional vehicle traffic and weather extremes while providing an aesthetically pleasing alternative to rock or pavement. Best of all, a reinforced "soft" shoulder is a storm water best management practice (BMP) that removes pollutants from highway runoffs to improve water quality. A stone wall that was built more

than 100 years ago stood on the edge of the installation. Because of its historical significance, the wall was removed stone by stone to allow for construction. After the area was graded, Pyramat was installed and filled with soil. Some portions of Pyramat were covered with sod, and other sections were seeded. The old stone wall was then replaced in its original position. Pyramat's high tensile strength has protected the roadside during the area's wet seasons and successfully reinforced the vegetation that keeps the Kentucky countryside beautiful.



### PROJECT FILE

PROJECT ▶ US HIGHWAY 68 (PARIS PIKE)

LOCATION ▶ KENTUCKY

PRODUCT ▶ PYRAMAT® HPTRM

APPLICATION ▶ REINFORCED GRASS  
SHOULDER AND MEDIAN



The use of Pyramat® from Propex geosynthetics HPTRM allowed the DOT to maintain the natural beauty of the Kentucky countryside.