



CASE STUDY

EASTERN BOULEVARD

Pavement Rehabilitation
Jeffersonville, IN

PROJECT SUMMARY

Eastern Boulevard in Jeffersonville, IN was experiencing heavy flooding during storm events. Additionally, harsh freeze/thaw weather conditions caused cracking and distress throughout the composite pavement. Thermal, and joint cracking were also prevalent in the pavement.

The project engineer wanted to include a paving fabric in the reconstructed roadway design to provide a moisture barrier and increase the useful life of the new pavement. Additionally, the engineer wanted a cost effective and sustainable solution.

PETROMAT® Enviro™ was selected because it is a paving fabric that is engineered to easily mill and recycle, while providing unmatched moisture protection for pavements and stress absorption to retard fatigue and reflective cracking in the overlay. The project engineer had used PETROMAT Enviro on a previous project and was pleased with its ease of installation and performance.

The existing roadway was milled to the original PCC pavement and a 1.5 inch leveling course was applied. Approximately 4,000 square yards was installed, and the roadway was then finished with a 1.5 inch HMA surface course.

This project was funded through the CCMG Community Crossings Matching Grant Program (CCMG), that provides funding to cities, towns, and counties across Indiana to make improvements to local roads and bridges.



PROBLEM

Eastern Boulevard experienced continual flooding during storm events in addition to cracking and distress.



INSTALLATION

The roadway was resurfaced using PETROMAT Enviro paving fabric as a moisture barrier and stress absorbing interlayer.



PETROMAT®

Enviro *The Recyclable Paving Fabric*

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FEATURES & BENEFITS

- Easily mills into small pieces that can be recycled into new asphalt concrete
- Provides a superior moisture barrier to prevent water infiltration into the base and subgrade
- Can be placed directly on a milled surface without a leveling course, saving \$4-\$5 per square yard
- Easily installs around curves without tearing
- Absorbs more asphalt than fiberglass alternatives, providing greater stress absorption and reduced reflective cracking
- Faster and easier to install than fiberglass paving products, reducing overall project costs



PERFORMANCE

PETROMAT Enviro's flexible design maintains an uncompromised moisture barrier, even if cracking does occur in the pavement. Plus, it is engineered to easily mill and recycle.



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Visit our website for more information, Product Samples, or other inquiries, or call Customer Service at 800 624 1273

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