



PROJECT SUMMARY

Springfield Street in Dayton, OH was experiencing various cracking including reflective, transverse, and micro. The main cause was due to moisture weakening the pavement foundation layers, exacerbated by harsh freeze/thaw conditions during winter months. The City and the Ohio Public Agencies (LPA) wanted a solution that would increase the lifespan of the roadway and reduce future maintenance. The City and LPA also wanted to ensure the roadway could eventually be milled and recycled.

PETROMAT® Enviro™, a recyclable paving interlayer, was selected to provide a moisture barrier for the reconstructed roadway. The paving fabric is engineered to prevent water from infiltrating the pavement and weakening the soil. This helps to avoid freeze/thaw damage and pothole generation. Additionally, Enviro is engineered to easily mill and recycle.

The project was a complete rebuild with 6 inches of asphalt base, 1.75 inches of intermediate, and 1.5 inches of surface. Approximately 5,800 square yards of Petromat Enviro was placed between the base asphalt concrete and the intermediate course.

In addition to providing an unmatched moisture barrier, PETROMAT Enviro will allow for greater stress absorption to more efficiently slow fatigue and reflective cracking. If future cracking does occur, Petromat Enviro will span those cracks to maintain the integrity of the moisture barrier.



PROBLEM

Moisture within the pavement caused cracking and poor ride conditions along Springfield Street.



INSTALLATION

Enviro may be installed directly on a milled surface without a leveling course.



PETROMAT®
Enviro

The Recyclable Paving Fabric

PropexGlobal.com/PetromatEnviro

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 \$3-\$4 per square yard
- Easily installs around curves without tearing
- Absorbs more asphalt than glass alternatives, providing greater stress absorption and reduced reflective cracking
- Faster and easier to install than fiberglass paving products, reducing overall project costs

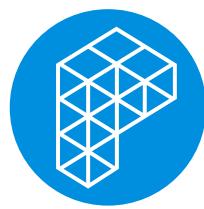


Made in U.S.A.



PERFORMANCE

PETROMAT Enviro is engineered to provide an uncompromised moisture barrier, even if future cracking does occur in the pavement.



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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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