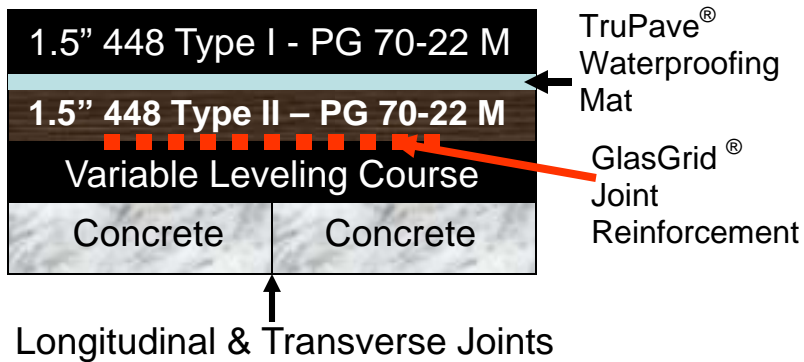




# Pavement Rehabilitation Project Utilizes Multiple Geosynthetic and Polymer Solutions



## Cross Section



## GENERAL INFORMATION

*Project Title:* Lee Rd.  
*Owner:* City of Cleveland  
*Engineer:* Wade Trim Engineering  
*Location:* Cleveland, Ohio  
*Product Used:* GlasPave 25<sup>®</sup> & TruPave  
*Quantity:* 20,000sy  
*Installed By:* PS Construction Fabrics  
*Install Date:* Summer 2008  
*Contact:* Dave Neumeyer  
[dneumeyer@wadetrim.com](mailto:dneumeyer@wadetrim.com)

## BACKGROUND

*Reason for product use:*

Owner's desire for longer term pavement service life over jointed concrete pavement.

*Problem being addressed:*

Reflective Cracking

## CONCEPT

The engineer utilized modern technology to implement a high level solution to Ohio's primary pavement distress: reflective cracking. The owner's requirement on this high use pavement was to prolong the pavement service life to match the design life requirements while providing significantly higher PCR ratings and decreased life cycle maintenance costs. Typically reflective cracking over concrete joint averages 20% per year. The expectation for this project is a reflective cracking rate of less than half the national

## RESULTS

The project will be monitored for rate of cracking periodically and results will be published and communication to the engineering community.

**For Detailed Information & Specifications**  
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