Project Profile

General Project Information
Project Location: US 36, Cameron, MO
Contact: Jason Bloomberg, MoDOT, 573/526-4338
Date Placed: June 2000
Traffic: 7 million ESALs (8100 ADT, 12% Trucks)

Existing Surface Condition
Previous Condition: HMA overlay over 6” PCC
Reinforcement: Undoweled
Surface Preparation: Milled to 1” for Strata® interlayer

Strata® Section
Minimum 98% Reliable PG climate: 64-28
Interlayer thickness: 1”
Overlay mix type: Superpave coarse
Overlay Thickness: 3.75”
Overlay PG used: 70–22

Control Section
Control Sections Placed: 3.75” Overlay
Overlay mix type: Superpave coarse
Overlay PG used: 70–22

Performance Data
The project has been monitored yearly. The photos and graph show that the Strata® reflective crack relief system has been outperforming the control for 5 years. Three cores were taken from cracks in the interlayer section; in all cases the interlayer was intact, and the surface cracks were offset from the cracks in the underlying PCC.

For more information about the Strata® reflective crack relief system or other solutions to your paving needs, contact your local Road Science™ representative.