



J-BAND® ACKLEY, IOWA

Project Profile

Project Name:
US-65 Southbound from Hardin Street

Location:
Ackley, IA

Installed By:
Road Fabrics, Inc.

Paving Contractor:
Manatts Construction Company

Area Installed:
10,560 LFT

Installation Date:
October 2016

J-Band® is a longitudinal joint sealer used to reduce the cracks and increase the density in the paving joint. The longitudinal joint crack forms because the first paving pass creates an unconfined edge. Rollers can't compact the edge to the same density as the interior of the mat. Then air and water intrudes into the HMA at the construction joint and damages the pavement over time. This causes premature construction joint failure and triggers maintenance or reconstruction.

J-Band® is placed in the form of a heavy membrane under the intended area for an overlay construction joint, 18" wide and with thickness up to 5/32". J-Band® then migrates into the high air voids of the HMA overlay in the area of the longitudinal construction joint and reduces voids to more typical HMA range.

The Iowa DOT tested J-Band® Longitudinal Joint Sealant on US-65. The J-Band® was placed on both a milled and leveled section of pavement and was overlaid with 1.5" of surface course.

Contact Us

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