



J-BAND® LAKE COUNTY, IN

Project Profile

Project Name:
Ridge Road, From Colfax to Grant Street

Location:
Ridge Road, Gary, Indiana

Installed By:
Road Fabrics, Inc.

Paving Contractor:
Reith Riley Construction Co

Area Installed:
49,072 LFT

Installation Date:
October 2016

J-Band® is the industry leading longitudinal joint sealant 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.

Ridge Road is a heavily travelled road with vehicles ranging from passenger cars to steel hauling trucks. The project called for Lake County engineer Duane Alverda to complete a 5 mile resurface from Colfax to Grant Streets with minimal disruption to traffic patterns.

One of the main challenges for Alverda was to solve the spalling and deterioration of the center line joint. He chose to use J-Band® longitudinal joint sealant. J-Band® was applied to both shoulder joints and the center line joint totaling over 9 miles. Under challenging traffic conditions Road Fabrics, Inc. was able to install the J-Band® product without a hitch allowing Reith-Riley, the paving contractor to meet their desired schedule. By Alverda's decision to spec J-Band®, this will extend the life of the centerline joint by more than 100%.

Contact Us

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