

Problem:

Low friction values, pavement failures

Solution:

Slurry seal, micro surfacing and scrub seal

Success Story: Slurry Seal

The road management team and the board of supervisors of Desoto County, MS, implemented a proactive approach for roadway maintenance. It was standard procedure to act early and engage in pavement preservation measures, which saved money in the long run by not requiring more invasive and costly repairs resulting from delayed maintenance.

The team decided to address 26 miles of their roadway network that had low friction values, which can cause unsafe driving surfaces, especially when wet.

While the county's budget could accommodate a complete resurfacing of the roadway, they instead sought a smarter, more conservative approach to pavement preservation. The team opted to use a combination of slurry seal, micro surfacing and scrub seals to address the pavement failures.

Vance Brothers, Inc. completed the project using asphalt emulsion products provided by Ergon Asphalt & Emulsions. The completed project only cost \$570,000 and extended the life of the roads by five to seven years. As a result, the county's board of supervisors was nominated for the James. B. Sorenson Award for Excellence in Pavement Preservation presented by FP2 Inc.

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