

PAVEMENT TEXTURING SOLVING ROAD SAFETY CHALLENGES

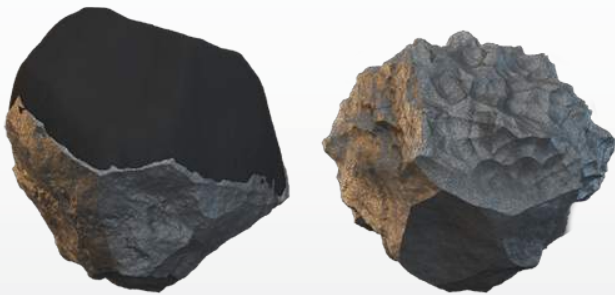


THE PROBLEM

Poor pavement friction is a primary contributor to wet road crashes and lane departures, which are over 50 percent of all traffic fatalities in the United States per FHWA reports.

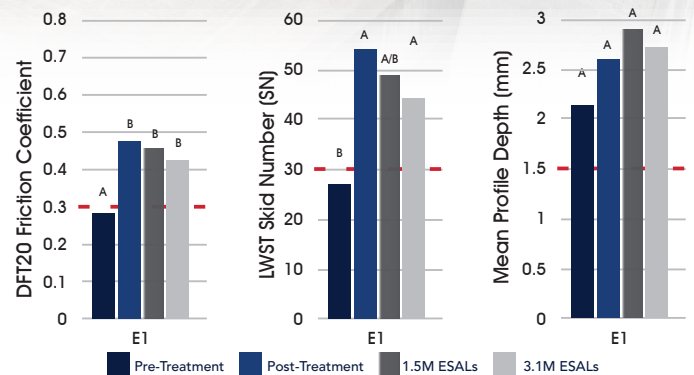
THE SOLUTION

To effectively improve friction performance at normal traffic speeds, the pavement **microtexture** and **macrotexture** must be increased. The **Pavement Texturing** process effectively increases both microtexture and macrotexture by removing excess binder and exposing new points of aggregate contact with the tire footprint.



Empower your state safety plan by integrating Pavement Texturing. This strategic adoption allows for a cost-effective and efficient improvement in pavement friction performance, leading to a reduction in wet road crashes and lane departures on a large scale.

THE DATA



Source: National Center for Asphalt Technology, 'Feasibility of Using More Highly Polishable Aggregates in Asphalt Mixture' Case Study 2019.

- The process is not detrimental to the existing pavement condition in terms of roughness, rutting and cracking, as indicated by statistical analysis performed by the National Center for Asphalt Technology.
- After 3.1 million ESALs of traffic, all test sections remained above the minimum safety threshold, indicating the effectiveness in improving the long-term skid resistance of asphalt pavements.
- Traffic polishing showed a negligible influence on the improved macrotexture of the treated pavement sections.

"In the six months since TxDOT contracted Skidabrader to texture the road surface, the total number of recorded incidents was cut in half and crashes were reduced by almost 71 percent."

*Kilgore City Manager Scott Sellers
(Quote from Kilgore New Herald)*

A TRACK RECORD OF SAFETY AND SUCCESS

WHO WE ARE

Skidabrader Group stands at the forefront of the heavy highway construction sector, introducing groundbreaking pavement technologies that redefine safety standards for roads, bridges, and airport runways. Our commitment to saving lives drives the core of our operations, as exemplified by our revolutionary Pavement Texturing process. This innovation optimizes friction in critical zones, marking a paradigm shift in enhancing safety for all.

Collaboration with Departments of Transportation and the Federal Highway Administration anchors our approach. By forging these partnerships, we strive to reshape the landscape of safe travel. With headquarters based in Texas and additional offices in Maryland and California, our reach extends across the United States and into Canada, encompassing a vast expanse of infrastructure.

Through informative workshops and unwavering dedication, we foster strong relationships, effectively overcoming challenges and establishing trust. This empowers us to consistently deliver impactful results, further solidifying our role as catalysts for change in the pursuit of safer journeys. Skidabrader Group continues to drive innovation, working relentlessly to transform pavement into a safeguard, ultimately fulfilling our mission of saving lives with every mile.

OUR SERVICES

- ✓ Pavement Texturing – Concrete
- ✓ Pavement Texturing – Asphalt
- ✓ High Friction Surface Treatment
- ✓ Ghost Striping Remediation
- ✓ Polymer Overlay
- ✓ Excess Bitumen Removal
- ✓ Surface Preparation

