

PAVEMENT TEXTURING SOLVING ROAD SAFETY CHALLENGES

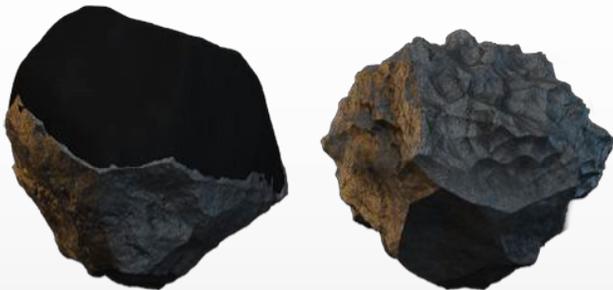


THE PROBLEM

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.

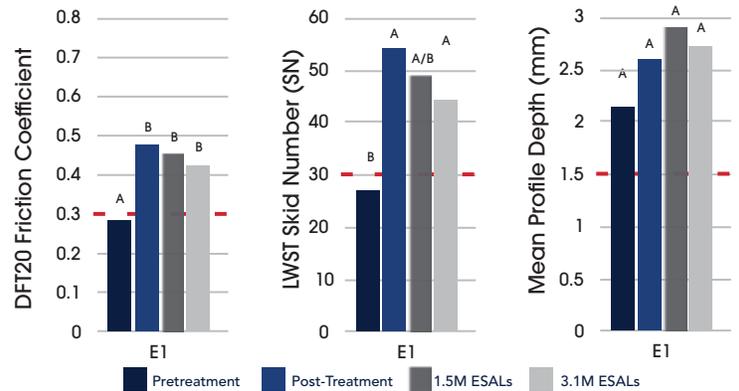
THE SOLUTION

To effectively improve friction performance at normal traffic speeds, the pavement **micro-texture** and **macro-texture** must be increased. The **Pavement Texturing** process effectively increases both micro-texture and macro-texture 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 macro-texture 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)*



SKIDABRADER

PAVEMENT AND SURFACE TECHNOLOGIES



THE PROCESS

One significant visual issue on roads is the stark contrast created by uneven surface grinding.

Skidabradar's specialized equipment is designed to blend the surface texture and minimize the visibility of these lines. Depending on the depth of the original grinding, or UHP, Skidabradar's process can remove scarring from 80% to 100%, enhancing the road's appearance, safety and overall surface quality.

This process creates a more uniform look and feel for drivers, highlighting Skidabradar's expertise and commitment to safer roads.

ALWAYS ON POINT

- **Reduction of tire grabbing**
- **Noise reduction**
- **Restoration of friction for the lane**
- **Elimination of road glare**
- **Cost-effective solutions**
- **High production rates**
- **72" Wide path with no overlap**
- **No debris or cast-off left behind**
- **Lane markings and reflectors can remain intact or be removed**
- **Quick mobilization at legal speeds for emergency situations**



QUALIFIED

- **Licensed and operating in all 50 states**
- **\$40M+ in Specialized Trucks**
- **Unlimited Insurance & Bonding**
- **Headquarters in Texas and California**

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