

High Friction Surface Treatment

Saving Lives

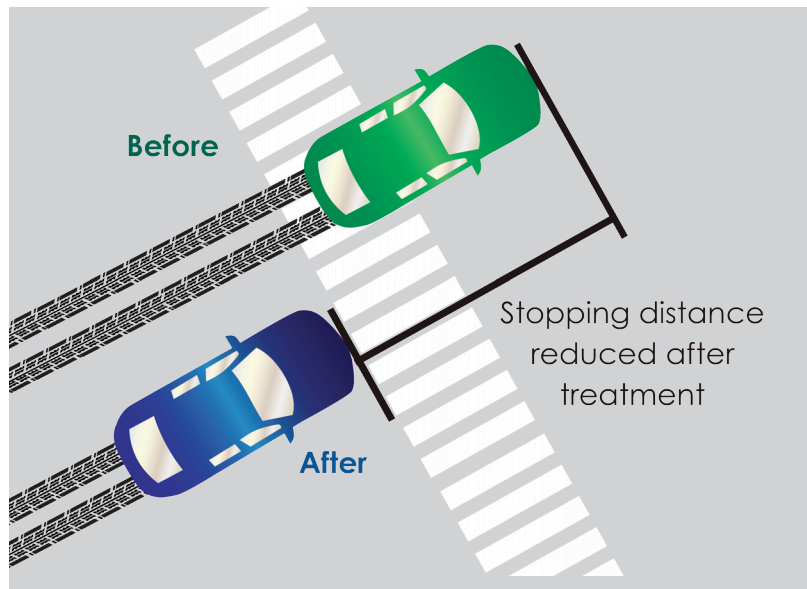
High Friction Surface Treatment (HFST) increases roadway surface friction allowing motorists to stop sooner and maintain control. This safety innovation dramatically increases roadway skid resistance, which prevents crashes and saves lives. High Friction Surface Treatment is a Federal Highway Administration (FHWA) Every Day Counts Round 2 (EDC-2) innovation that Pennsylvania championed.

What are the benefits?

- **Reduces crashes, injuries and fatalities**
- Relatively **low in cost** compared to geometric improvements
- **Durable and long-lasting**
- **Customizable** to local safety needs

How does it work?

HFST uses aggregate and an epoxy binding material applied to existing pavement to increase the surface friction. The entire process can be completed in as little as two hours per site under ideal conditions.



High Friction Surface Treatment (HFST) increases roadway friction allowing vehicles to **stop easier** and **maintain control**. This safety innovation dramatically increases roadway skid resistance to **prevent crashes**.

How do I learn more?

To learn more about this innovation, visit www.penndot.pa.gov/stic or email penndotstic@pa.gov.