

kent.gov.uk

Media Hub

Latest News & Releases from KCC

Search Media Hub...

...go

[Home](#) [Business](#) [Community](#) [Education](#) [Health & Wellbeing](#) [Travel & Transport](#) [Contact](#)

Kent County Council set to trial sustainable graphene asphalt on roads

Thom Morris / 1 day ago

A trial of an extra-strong resurfacing material is being carried out by Kent County Council to prevent potholes and cracks for longer.

Gipave, a graphene-enhanced asphalt, is being used in Dartford and is less likely to soften in the heat or harden and crack in colder temperatures.

If successful, it is hoped the durable material will be rolled out across the county, lowering the costs to the council for maintenance as well as reducing carbon emissions and the amount of disruption to road users.

KCC Cabinet Member for Highways and Transport Michael Payne said: "We'll be trialling 350m of this new material on East Hill in Dartford, alongside a further 350m with traditional surfacing, and we very much look forward to seeing the results.

"Work will start today (Thursday) and we'll be laying it on the western side which we've chosen to give the material a rigorous test due to the nature of the road layout and gradient.

"Once work is complete on July 2, we'll be closely monitoring the scheme to see how it holds up against traffic, the summer and the winter weather. We will also be carrying out laboratory testing to have a comparison against traditional

