ULTIMATE EXPERIENCE

ULTIFOAM NEAR MELTON MOWBRAY, LEICESTERSHIRE
THE SUSTAINABLE RECYCLED ASPHALT SOLUTION
Lafarge Tarmac were approached by LCC after it was discovered that carriageway edging on four stretches of different roads in the Melton Mowbray area were failing and required reconstruction.

THE CHALLENGE
Hazardous levels of tar were found in the surface material which meant that over 4k tonnes of road arisings had to be removed and replaced. To have taken 4k tonnes of tar bound planings to skip would have cost LCC £120 a tonne i.e. £480k from the off.

In addition to this the nearest skip site would have been 154 miles away and would have required 200 lorry movements to drop off all of the obsolete material.

OUR SOLUTION
Lafarge Tarmac’s focus was to recommend a solution that delivered sustainable performance and cost savings to the client. As a result ULTIFOAM was put forward for its environmentally friendly credentials – an alternative to hot asphalt materials, combining proven foamed bitumen technology with cold production and paving.

A mobile plant was subsequently erected where the tar bound planings could be sent for re-processing, then sent back out to site and re-used in the haunch of the roads before being re-laid with conventional material. This in itself offered a significant sustainability and cost benefit to the client.

RESULTS AND BENEFITS
The ULTIFOAM site being situated a mere 20 miles from the works site, 26,800 miles were saved which impacted heavily on time, cost and carbon savings in relation to the project.

By using recycled planings, instead of purchasing 4k tonnes of dense bound macadam (DBM) that would otherwise have been required, significant cost savings were made.