

Driving up resource efficiency

FM Conway has been working with Westminster City Council to push the boundaries of materials recycling in the highways industry.

Recently, FM Conway laid a surface course mix in Westminster on Sutherland Avenue containing 80 percent recycled asphalt, challenging conventions around the amount of reclaimed asphalt pavement (RAP) incorporated within road surfaces. Traditionally, this has been limited to 50 percent for the lower layers of roads and just 10 percent for the surface courses of motorways and A-roads.

The Westminster initiative builds on FM Conway's work with Transport for London. In 2017, FM Conway laid its Surepave E asphalt surface course mix, containing 50 percent high polished stone value (PSV) recycled aggregate, across 20,000 m² on the A40 in west London. This marked the first time that a surface course mix containing such a high proportion of recycled material had been used on a highly trafficked strategic road outside of trial conditions.

FM Conway is now going a step further with the Westminster scheme. Like the A40 project, it also laid the asphalt mix in a single layer to increase productivity by reducing the timeframe for the works, as well as the number of lorry movements required.

Tim Metcalf, aggregates & asphalt operations director at FM Conway, said: *"With the UK's materials reserves under pressure, we need to continue to challenge convention and invest in the re-use of highway arisings. This is particularly important in the south east of England, where the issue is not one of replenishment but of the geologically scarcity of high PSV aggregates needed for highway projects. At the same time, advances in the refining industry are cutting the supply of another crucial highway resource, bitumen.*

"We're proud to be working with Westminster City Council in this latest venture to show that high levels of recycled asphalt can and should be safely incorporated into all layers of our roads, helping us to recover precious raw materials like aggregates and bitumen."

Westminster City Council Cabinet Member for City Management and Highways, Tim Mitchell said:

"It's terrific that we are trialling this new recycled road surface in the city. With 360 million miles driven in the city each year there is a constant demand for resurfacing. Improving waste and recycling rates is increasingly important in Westminster and a top priority for the council so innovations like these must be welcomed."

ENDS

For further information, please contact:

Maria Pratt	FM Conway	+44(0)1732 600 700	maria.pratt@fmconway.co.uk
Natasha Mealey	FM Conway	+44(0)1732 600 700	natasha.mealey@fmconway.co.uk
Louise Duval	FM Conway	+44(0)1732 600 700	louise.duval@fmconway.co.uk

About FM Conway

FM Conway is a leading infrastructure services company delivering vital services in transportation, the built environment and open spaces for communities and businesses.

We inspect, design, build, enhance and maintain essential infrastructure services for the community.

PRESS RELEASE

19 June, 2019



With more than 57 years' experience, we pride ourselves on being an industry leader and innovator, especially in recycling and reuse. We have a network of asphalt and aggregate recycling manufacturing plants serving London and the south of England, as well as a Thames side wharf and our own research and development laboratory. We have the ability to produce asphalt with a high recycled content and low carbon footprint.

We are a member of the British Safety Council, the Civil Engineering Contractors' Association, the British Association of Landscape Industries and the Quarry Products Association, as well as being BSI registered for environmental and quality management.

Please visit www.fmconway.co.uk

IMAGES



Westminster, Sutherland Avenue 80 percent recycled asphalt trial



Westminster City Council Cabinet Member for City Management and Highways, Tim Mitchell & FM Conway Technical Manager, Mark Flint