

➤ Industry collaboration to extend the life of road surfaces in Coventry



PROJECT – COVENTRY CITY COUNCIL / BALFOUR BEATTY LIVING PLACES WARWICKSHIRE

BACKGROUND

Binley Road is part of the Strategic Road Network (SRN) on the eastern side of Coventry. The surface was installed 15-20 years ago and was showing signs of wear from the traffic volumes, general oxidation and ageing.

Roadtechs has worked with Coventry City Council and their term maintenance contractor, Balfour Beatty Living Places, delivering a range of surface extension treatments and other interventions for over 3 years. On this occasion we applied a Surface Extension Treatment (SET), called RHINOPHALT.

“Coventry City Council has worked with Roadtechs for 3 years. Roadtechs deliver a programme of Surface Extension Treatments, together with specialist highway repairs and maintenance. By working with Roadtechs in this way we have been able to introduce innovation to our highway network maintenance programme.”

Rob Little, Senior Engineer, Highways Technical, Coventry City Council

SOLUTION

A bus lane had been changed so that traffic was able to run on it at all times. Part of the removal works revealed that the joint was in need of repairs and Roadtechs installed a recess repair in a single shift using their own in-house manufactured BBA HAPAS approved repair material, Roadflex, on Friday 3rd of July.

On Saturday the 4th of July, RHINOPHALT was installed on the section of the carriageway which was just under 3,700m². RHINOPHALT is a preventative maintenance treatment for asphalt which preserves, protects and extends the life of the infrastructure. This SET solution seals the surface and protects the existing bitumen from the impact of oxidation due to weathering and UV degradation.



During treatment

OUTCOME

All the works were completed on time and to budget with the SET solution, RHINOPHALT, applied during a 4-hour window. As part of the works all the line markings were refreshed by another contractor meaning that Coventry were delivering maximum value from the closure of this site and ensured that any disruption to the local residents and businesses was kept to a minimum.

The following benefits are also provided through the application of SET solutions:

- **88% saving** in carbon emissions compared to traditional construction methods
- Additional years have been added to the life of this surface – **reducing reactive maintenance requirements**
- **No landfill generated** and no quarried aggregates used



After treatment

ABOUT ROADTECHS

One of the UK's leading providers of Specialist Surface Treatment Solutions. Roadtechs combines innovation, quality, performance and experience with robust solutions and first-class engineering to restore, extend and enhance the life of existing roads and parking areas. This is achieved through the manufacture and installation of high friction surfacing, crack repairs, road markings, concrete carriageway rehabilitation and surface extension treatments.

WHY CHOOSE SET?

Surface Extension Treatments (SET) provide benefits in the following areas:



ENVIRONMENTAL



OPERATIONAL



FINANCIAL



SAFETY

Speak to our experts, contact us today

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surface extension treatments