CASE STUDY

Reclamite® with Telford & Wrekin Council and Balfour Beatty Living Places

PROJECT – **QUEEN ELIZABETH AVENUE, TELFORD AND HALESFIELD 10, TELFORD**

BACKGROUND

Telford and Wrekin Council, with their Term Maintenance Contractor Balfour Beatty Living Places, includes a preventative surface treatment programme as part of its highways maintenance strategy.

As a forward-thinking and proactive local authority, they were keen to discover preventative treatments that are low cost, easy to apply and more sustainable. Like every council that has declared a climate emergency, Telford and Wrekin is challenged with reducing carbon emissions and working innovatively, while keeping the network open and safe for road users.

Through auditing and in-house surveying, T&W had identified carriageways that were in need of preventative maintenance treatment.

Queen Elizabeth Avenue is a 1km 50 mph A-road carrying traffic from the town centre to the A442, helping to relieve the town of congestion. Whilst the surface was in good condition, it was considered to be at the right age for rejuvenation and life extension.

Halesfield 10 is a road within a busy industrial estate which operates 24/7 with heavy goods vehicles travelling the site around the clock.

Telford & Wrekin Co-operative Council

Both surfaces were at the right age for treatment and would soon be showing more signs of fatigue. If left, these surfaces would ordinarily deteriorate to the point where they would need costly repairs, surface dressing, if practicable, and ultimately full re surfacing.

SOLUTION

We collaborated with T&W and put forward Reclamite, the only BBA HAPAS approved asphalt rejuvenator in the UK. Both sites were surveyed for suitability and a programme of works was arranged which included traffic management.

Reclamite being applied

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OUTCOME

We completed the works across 2 sites during four hours in August 2024, applying Reclamite over 10,000 sqm. Queen Elizabeth Avenue was closed throughout the works, while Halesfield 10 remained open to traffic meaning there was no disruption to traffic or fulfilment sites operating on the industrial estate.

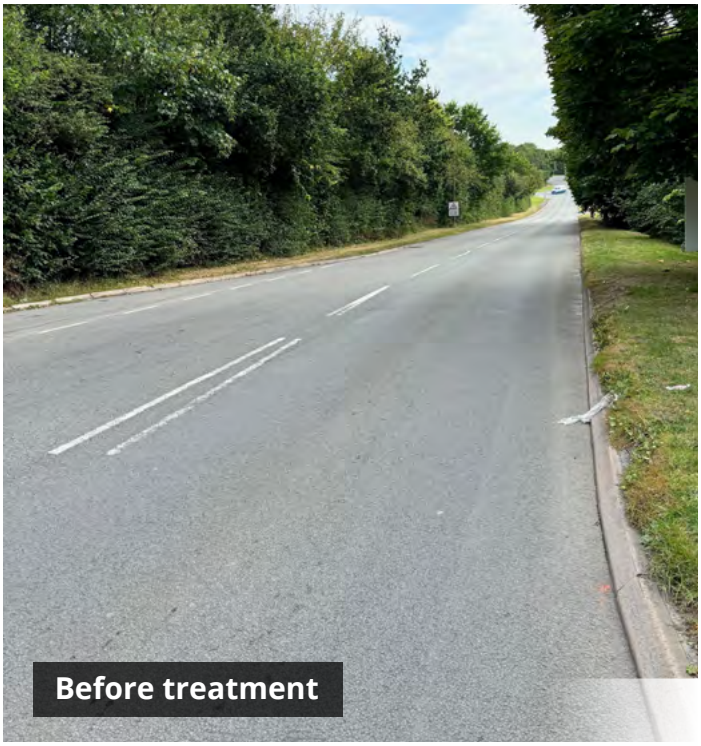
Benefits included:

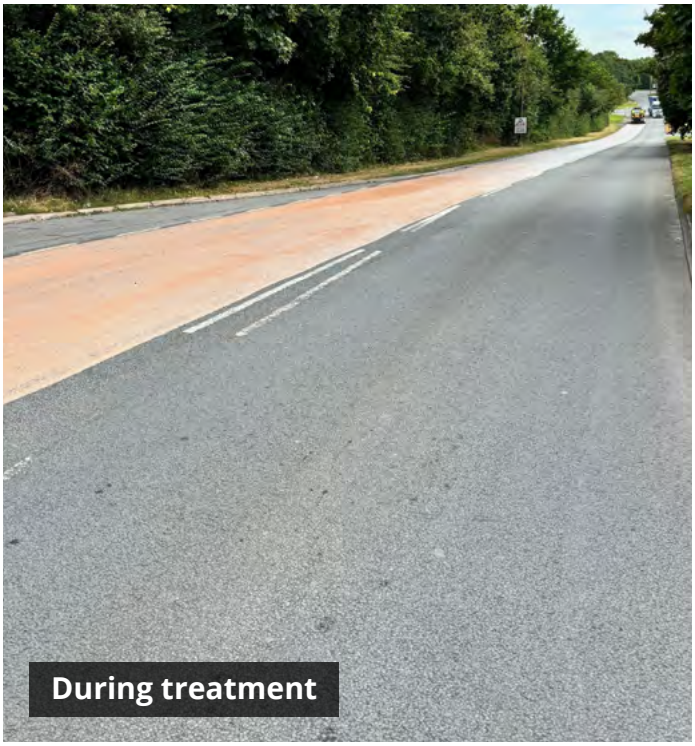
- **Up to 90% saving** on carbon emissions compared to resurfacing.
- **Fewer vehicles used, shorter road closure times** and no existing asphalt planed and sent to landfill.
- **Treated road can be driven** on, under speed advisory guidance, **after approximately three hours.**

At 0.054 Kg/Sq mtr $C0^2$ emitted, Reclamite has the smallest carbon footprint of all surface treatments in the UK.*

Diane Chapman, Capital Delivery Manager for Balfour Beatty Living Places said: ***"It was a very smooth process from start to finish. The communication with ourselves, the client and traffic management team was good. Roadtechs arrived on site, on time, and delivered a very quick, efficient process, with minimal disruption to the public and local businesses."***

Nathan Lyttle, Telford & Wrekin Council's Team Leader, Highway Capital Programme commented: ***"We had an initial meeting with presentation and consultation by Roadtechs, who supplied full end to end management of the project, including road condition and suitability survey. From there, costs and dates were agreed and the works were delivered to schedule and budget. This was the first scheme delivered to us by Roadtechs and it went very smoothly, with minimal disruption to the travelling public. We are keen to have more schemes delivered and they will be a key part of our ongoing preventative maintenance programme."***





*Pye Management

Speak to our experts, contact us today

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