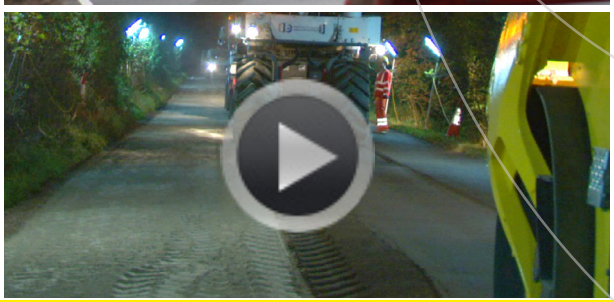
Stabilised Pavements Ltd

SAVING CO_2 WITH IN-SITU RECYCLING

CASE STUDY

Type 2 A Class Road, Working at Night

'5,300m² recycled in 4 nights, re-opened daily to hundreds of HGVs'



Scheme:	**A39 Bath Road**
Authority:	**Somerset County Council**
Client:	**Skanska**
Date:	**September 2014**
In-Situ Process:	**250mm HBM**
Surface:	**PMB Thin Surfacing over geogrid**
Carbon Saving:	**84 tonnes CO2**

One of the busiest roads in Somerset the A39 Bath Road links Bridgewater and Glastonbury with junction 23 of the M5. Suffering from extensive edge failure, the original scheme required a 6 week closure of the carriageway to carry out the required excavation and re-instatement along this stretch. But to undertake such an extensive closure on such an important road within the network would have been a major headache for the local authority and the people who use the route continuously.

For this reason Somerset County Council tasked Skanska and their supply chain partners to develop alternative proposals that could potentially reduce the length of time of the works. SPL proposed working at night under a full road closure but allowing traffic to use the stabilised road during the day by trafficking the sealed HBM layer.

On this particular early contractor involvement was critical in giving the client confidence in a treatment that overcame the poor condition of the pavement but also met their targets in reducing closure time, provided a cost saving and ultimately gave the pavement a long term durability.

Working at night and re-opening the road during the day meant very little inconvenience to road users.

Skanska commented: *"From the outset we have been extremely impressed with SPL's understanding of our needs and to come up with a solution that not only met the targets set, but assist in the long standing issue of tar-bound material in Somerset. On site we found the operational delivery to be managed professionally and efficiently and as per program which was critical for this scheme on this section of the network which is extremely busy."*

Watch SPL in action at night -
You Tube: https://youtu.be/3kkHz2GudWk
(Write this link into your web browser)
Or visit **www.stabilisedpavements.co.uk**

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