

CASE STUDY

YEADON WAY, BLACKPOOL



ASISOLUTIONS.CO.UK



Yeadon Way connects Blackpool's town centre with the M55 motorway and was constructed during the 1980's along the line of the old central railway track. It is named after the late Harry Yeadon, a prominent civil engineer for Lancashire Council, who worked on the Preston Bypass and many other early motorways.

Yeadon Way carries on average 12,000 vehicles a day bringing thousands of tourists into Blackpool during the height of the holiday season.

Such heavy traffic levels combined with ageing infrastructure built on an old railway embankment has seen the carriageway weakened in recent years.

In 2015, a substantial portion of the road was rebuilt to improve the embankments and this second phase of works in 2020 involved further strengthening work to 2km of carriageway.

The challenge

The latest works included resurfacing with SMA, however the 5,500m² section of asphalt laid in 2015, which fell between the 2020 sections, was still in good 'green' condition and Blackpool Council saw no reason to replace it. A solution was required which would; preserve the condition of the existing asphalt, making it last as long and look as good as the fresh SMA be quick and easy to apply within the closure period without requiring more than one site visit and provide a consistent aesthetic appearance across all sections.

The SOLUTION

RHiNOPHALT® asphalt preservative is proven to increase the life of asphalt meaning the treated 2015 asphalt should remain in as good condition as the 2020 SMA.

RHiNOPHALT® was spray applied in May 2020 with the 5,500m² contract completed in a single morning shift, under full road closure.



FAST AND EFFICIENT

RHiNOPHALT® was spray applied in May 2020 with the 5,500m² contract completed in a single morning shift, under full road closure.

It took just 2 hours to complete the RHiNOPHALT® application and it was fully cured in under 2 hours. Line marking was refreshed the following day in preparation for opening.

EXTENDED PAVEMENT LIFE

Preserving this section of road (at 5 years old) with RHiNOPHALT® will ensure that the rate of ageing is slowed down and it will be as durable as the new asphalt.

The treated surface will become more resistant to stone loss, water ingress and the severe ageing effects of weathering and oxidation.

One application of RHiNOPHALT® on older asphalt surfaces can extend pavement life by up to 5 years, before re-treatment becomes necessary.

RHiNOPHALT® treatment requires no compaction and aftercare. It has the lowest carbon footprint of all road surface treatments.