

# PROVEN PERFORMANCE

*Collaborative working to reduce programme times on the M62*



Client HIGHWAYS ENGLAND

Principal Contractor A-ONE+

Materials supplier TARMAC

Location M62 J35-34, EAST YORKSHIRE

Completion OCTOBER 2016

## THE CHALLENGE

The Westbound carriageway of this busy three lane section of the M62 between Leeds and Hull required scheduled resurfacing. The existing surface was heavily worn with visible cracking and wheel track rutting. The client specified that work could only be carried out at night, from 7pm onwards and that the carriageway needed to be fully cleared and reopened each day to allow all lane running. The challenge was for supply chain partners to work collaboratively to compress programme times and reduce disruption for road users. This would mean providing a continuous supply of asphalt to help maximise productivity and allow more work to be completed in less time.

## OUR SOLUTION

After discussions between project partners, deliveries were scheduled using lean planning techniques to ensure a continuous supply of asphalt to the site. Drawing on Tarmac's supply capability, twenty seven trucks were allocated to guarantee that pavers could operate constantly within the available working window. Using Tarmac's Ultilow warm mix base and binder course, meant that asphalt could be supplied and laid at lower temperatures and reached target temperatures sooner. This helped programmes to be compressed and the work to be completed in less time. Although the work was scheduled for 8 nights, this would allow it to be completed in just 6 nights, achieving a 25% reduction in programme time.

## RESULTS AND BENEFITS

In total over 4000T of material was laid over 12 lane kilometres. Reducing the programme time by two nights meant far less disruption for road users and achieved cost savings for the client from reduced road closures and traffic management requirement. The client was impressed by the effective collaboration between the programme partners including A-one+, Tarmac, Colas, Jointline, Lane Rental: "The collaborative working between all the suppliers on this scheme allowed us to improve productivity and reduce waste, making the most of the window, and allowing us to deliver efficiency savings for the client. This was all done safely and without increasing risk in opening the motorway again each morning for our customers" Andrew Sharp, Area 12 Leadership Team.

For more details contact your [enquiries@tarmac.com](mailto:enquiries@tarmac.com) or call **0800 1 218 218**

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