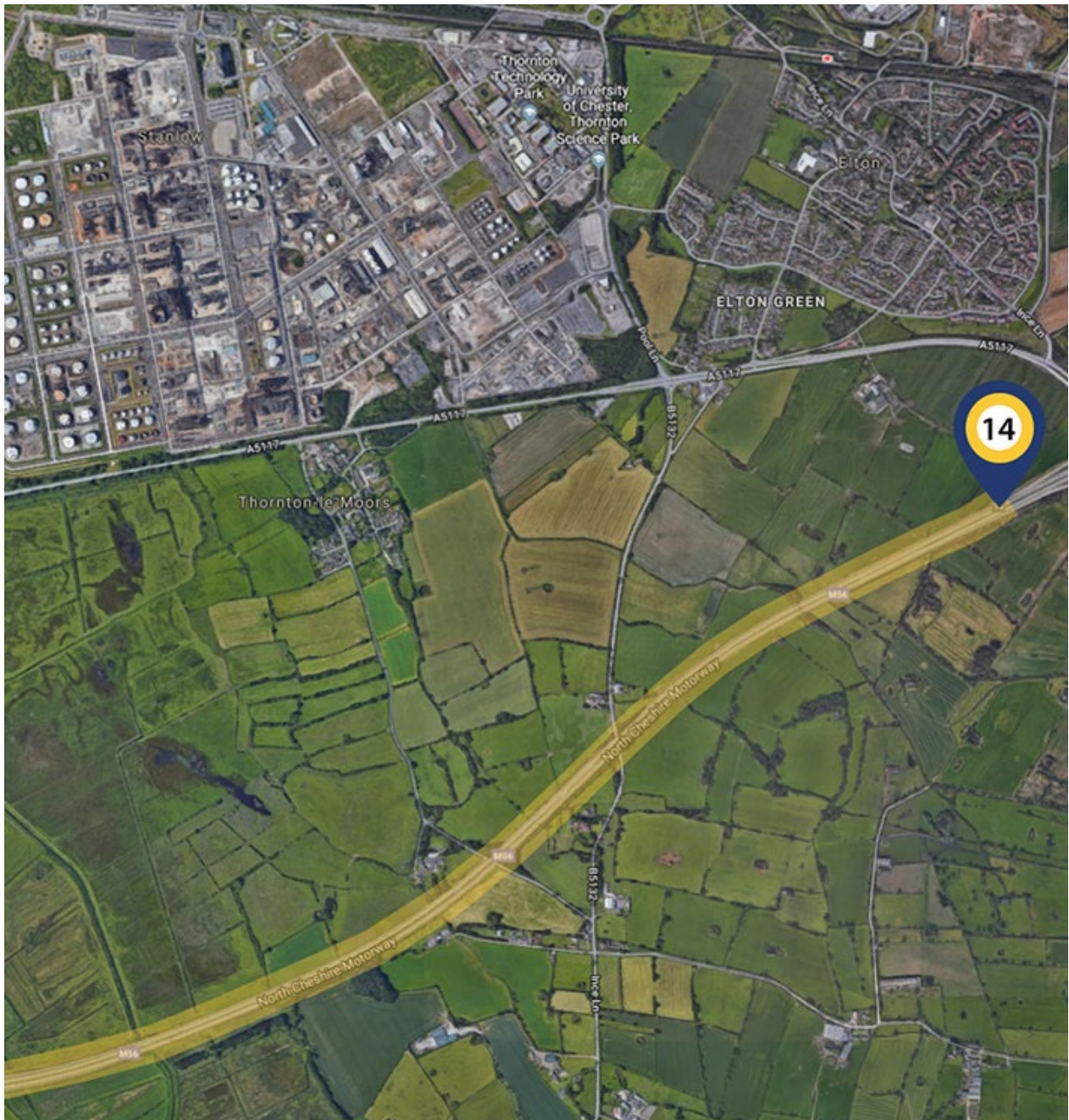


CASE STUDY

M56 JUNCTIONS 14-15

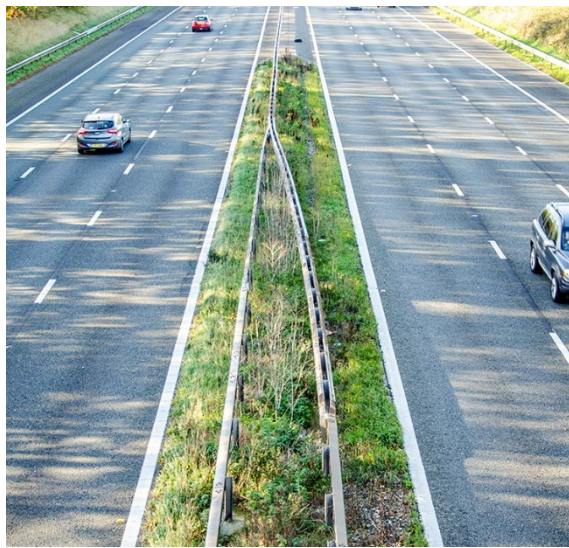
Road Marking Maintenance Scheme



M56 Junctions 14 to 15 is a busy, 2.5 mile stretch of motorway that is used as a constant passage for commuters and travellers between the Welsh border to Manchester, Liverpool, Liverpool Airport and the North West area in general.

Objective & Challenges

The key objective was to remove all existing road markings and replace with new as well as adding a TexBand seal and road studs. This work needed to coincide with two surfacing schemes already taking place in the area to keep the disruption to such a busy area to a minimum.



Scope of Works

Firstly, site visits were carried out to investigate the area and then derive the most efficient process for the work. Our visits and plans were done in collaboration with Dave Hands and Chris Lee (Balfour Beatty Mott McDonald) with the key agenda optimising time frame of the works to coincide with the surfacing works.

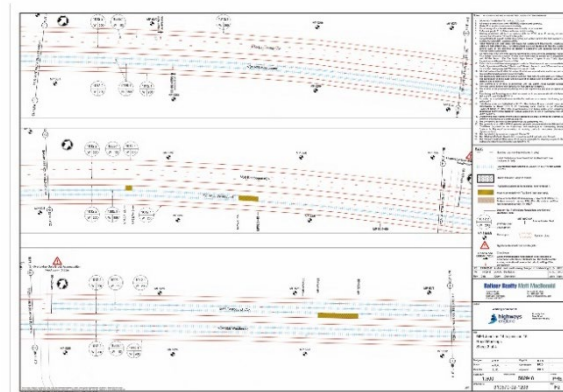
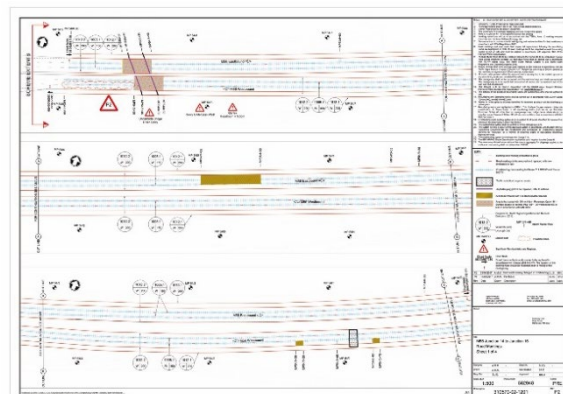
It was decided that the most efficient way was to carry out the works whilst the road was closed for surfacing at junction 15. We also decided to extra man crews accordingly to make sure that as much work was completed within the time frames allowed.

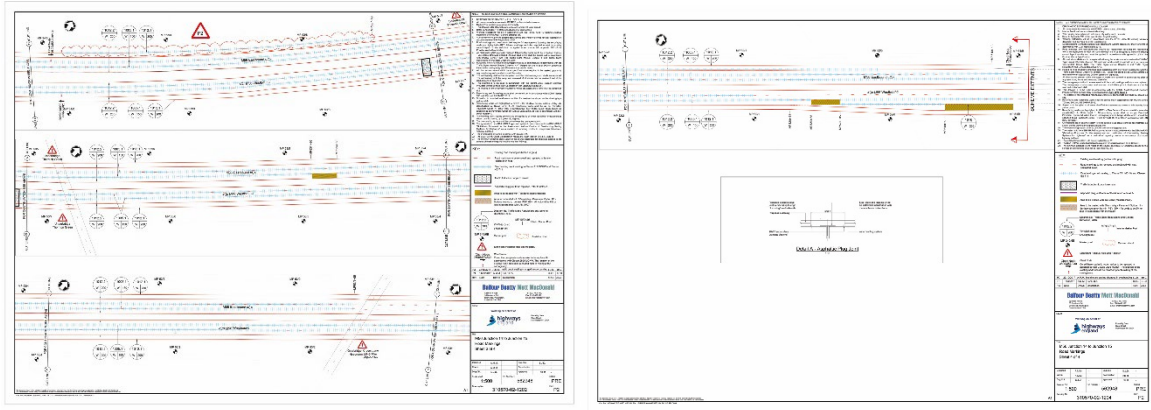
With limited access to the site, it was also deliberated on how best to segregate our works from the access and egress of delivery wagons so both the surfacing and marking crews could share the site. After

deliberation, it was decided that a dedicated lane would be coned out to provide a safe route in and out of site. As this was an unusual process the information was to be shared through nightly briefings with the crews.

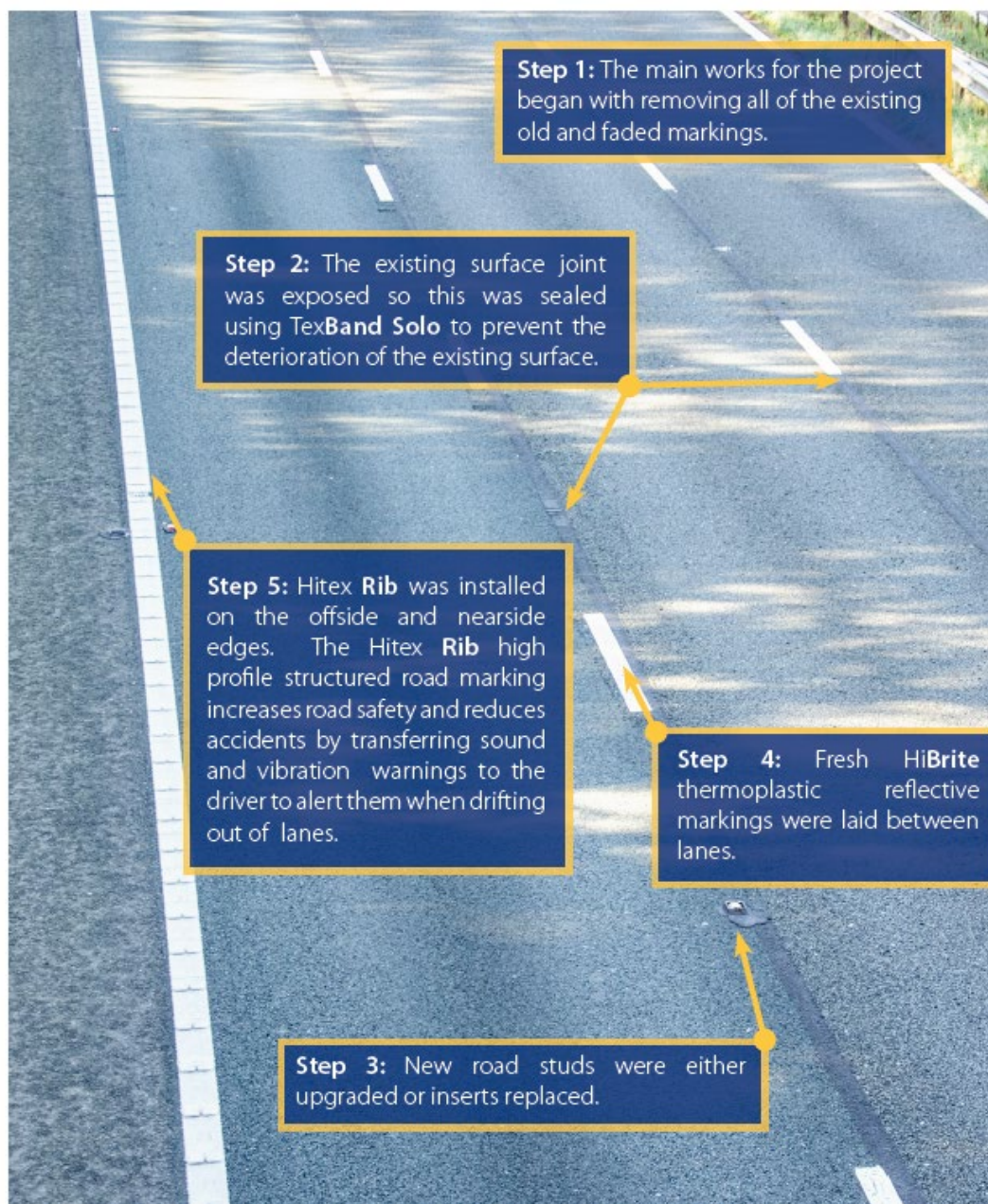
The decision was also made to provide our “one Stop solution”. As members of Hitex International Group, L&R Roadlines can pool experience, knowledge and resources to provide everything required for a project. From one dedicated depot were able to supply a multi skilled workforce and the highest quality materials to remove and install - all in one shift.

Both the surfacing and marking works were to be carried out on standard night closures, and by utilising the same closures, it would enable cost savings for Highways England and minimise the impact on the travelling public. It was L&R Roadlines working closely with Dave Hands (BBMMJV) and Rob Williams (HE) that also led to the realisation that 600m of new road marking had been left out of the original plans. Through the constant open channels of communication, the extra work was added, again leading to less disruption to the road.

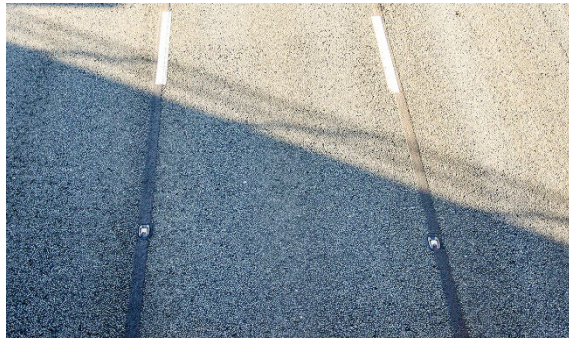




During Works – Step by Step

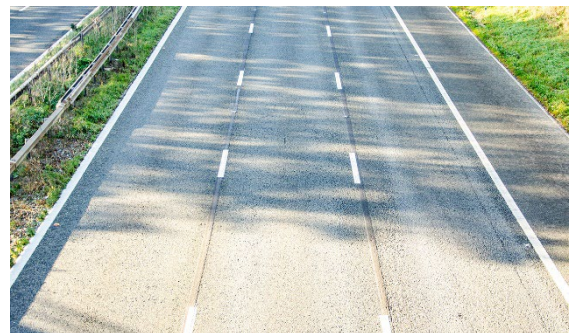


Above | A small section of the M56 where the 2.5 miles of works were carried out in a single shift to keep road disruption to the minimum.



Above | Fresh HiBrite markings, TexBand road seal and new road studs.

Project Images



The Outcome

A one stop solution to markings and joint repairs enabled the road to be enhanced with the minimal impact to the stakeholders. The thorough planning to produce the most appropriate solution has combined two surfacing schemes to make the whole area safer for the travelling public with minimal disruption to the busy road. Through collaboration we were able to add additional value to the project by highlighting additional areas of work that could be carried out simultaneously. The innovative project approach meant we were able to do the job in no time at all, a job encompassing:

- Innovative TexBand & TexPatch application (ISO 9001)
- Reduced time impact on closures / stakeholders (ISO 14001)
- Safer working practices / reduced closures less time in the carriageway (ISO 45001)
- Collaborative smart working, good communication with all concerned

ON THE ROAD TO A BRIGHTER FUTURE



Formed from humble beginnings in 1972 Liverpool, we have organically evolved over 50 years to become one of the UK's leading and most respected specialists in all forms of road marking, specialist surfacing and associated bespoke innovative solutions. Our highly trained, motivated and experienced team of specialists are here to help deliver and create the most efficient and safest solutions for our clients' needs. We offer innovative new methods, products and equipment, ensuring we always find the best design, best solution and best outcome for all our projects. All our works are self-delivered from our purpose-built head office in Ellesmere Port and our satellite depot in Sandbach. Our services are carried out by our multi skilled and highly accredited workforce. The future is even brighter, in 2021 we became part of the SWARCO Group, further enhancing our vast wealth of knowledge and resources within the road marking industry.