

Case Study

Peek successfully and promptly upgrades major traffic signals on A585

Supporting improved safety at the roadside



Background

This project site was located on an extremely busy and high profile trunk road – on the A585 between the M55 and Fleetwood – part of the Highway Agency's Area 13 management and maintenance contract run by EnterpriseMouchel, across Lancashire and Cumbria.

Essentially, four of the busiest traffic signal junctions on the A585 at Poulton le Fylde needed upgrading.

Peek was instructed to provide a complete solution for this scheme and was responsible for the total upgrade of the four traffic junctions. The company was brought in right at the start and the role included early contractor involvement for design, drawings, civil engineering and traffic management – which was followed up by the supply and installation of all the equipment.

Solution

For this project Peek incorporated a range of new technology designed to improve motorist and pedestrian safety. For example, Passive Safety Jerol Poles were installed – these consist of an inner fibre reinforced polymer composite with an outer layer of tough polyolefin designed to absorb impact. Peek also incorporated the NAL Safety Isolation System, designed to electrically isolate a roadside structure in the event of a collision.

For the final design solution, Peek incorporated the latest intelligent MOVA control into the final of the four sites along with the use of a wireless detection system in place of traditional loops.

Outcome

Not only were the works completed overnight and at weekends, with as little disruption to road users, residents and pedestrians as possible, but the detailed planning resulted in the scheme being delivered to programme. Peek project manager Pete Elwell said the state of the art technology was instrumental in bringing about these significant upgrades and safety enhancements and ensuring they were completed on time:

“ Thanks to coordinated teamwork from all involved, all sites were successfully completed ahead of the outlined project plan, with praise being received from both the client and the general public as worked progressed.

A spokesman for the Highways Agency agreed that the project had been a great success:

“ The A585 is an important strategic route vital to the economy of west Lancashire and beyond. Peek’s work for us on traffic signal renewal is part of our continuing investment in the road to ensure it is fit for that strategic role. The upgrading and updating work has improved the reliability of the signals and will reduce the number of potentially disruptive routine maintenance visits, ensuring even more reliable journeys – many linked to commerce – for our customers using the A585 between the port of Fleetwood and the M6.



About Peek

Peek is a leading supplier of intelligent transport solutions. For more than 30 years, the firm has been providing advanced traffic control products and systems, management and maintenance services for both the urban and highways markets.

Peek’s established and proven portfolio includes traffic management systems incorporating SCOOT, highway congestion management and enforcement systems, vehicle detection systems, exterior lighting, as well as supervisory and communications systems. Peek is ISO 9001:2008 and ISO 14001:2004 certified.

With headquarters in Basingstoke, Hampshire, Peek employs more than 500 staff throughout the UK. Peek is part of the Infra and Traffic division of Imtech NV, a global technology services provider based in the Netherlands.

For more information, visit www.peek.co.uk



Peek Traffic Limited, Hazelwood House, Lime Tree Way
Chineham Business Park, Basingstoke, Hampshire, RG24 8WZ
Tel: +44 (0) 1256 891800 Fax: +44 (0) 1256 891870
Email: sales@peek.co.uk

Imtech profile

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