

PROJECT – M1 (Junction 10 - 13)



Carillion Direct Sourcing is reinforcing its reputation as a valued supplier to Carillion Costain JV by delivering lighting towers.

LOCATION

M1, Bedfordshire, UK

PROJECT

Hard shoulder running is being introduced on 15 miles (24 km) of motorway between Junction 10, south of Luton, and Junction 13 at Milton Keynes. Modifications are also being made to junctions 11 and 12 to provide additional capacity.

The scheme is designed to reduce congestion, improve journey times and reduce response times to incidents. 135,000 vehicles use this stretch of motorway each day which serves as an important link between London and the North of the UK. The scheme is due for completion in late 2012.

ROLE

Carillion Direct Sourcing was responsible for the supply of lighting towers to the M1 project.

The lighting towers were designed and manufactured in conjunction with a generator manufacturer in China specifically to meet the projects requirements. The lighting towers incorporated well known proven components from brands such as Stamford, Kubota and ABB to meet the robust needs of UK construction sites and ensure availability of spare parts and after sales service.

CHALLENGES

- Ensuring the design concept worked in reality with a physical product
- Ensuring compliance with all the requirements of European legislation
- Language barriers communicating with none English speaking engineers
- Obtaining engines from Japan following the Tsunami

KEY FEATURES

- Kubota engine.
- Fully automatic 8m mast.
- 4 x 1000 Watt output.
- Robust roll bar design.
- Inbuilt light sensor.
- Fully CE compliant.



The lighting towers supplied are **CE certificated** from world renowned test laboratory TUV SUD.