


Form Ref: HSI-10	Independent Health & Safety Inspection – Blue Star Item	Version: 2.0 March 2018
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	Awarded for Exceptional Performance or New Initiative not widely used on other sites
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Project	Principal Contractor (PC)	Date of Inspection
M6 Smart Motorway J 2 - 4	Balfour Beatty and Vinci JV	20 th March 2018
Site Contact	Email Address	Telephone Number
Julie Clay	Julie.Clay2@Balfourbeatty.com	07855276000

Description of Blue Star Item	<p>Working together the M6 Health and Safety team, BBV Utilities Co-ordinator and Highway Resource Solutions Limited a system has been developed for use on the M6</p> <p>This new system is used for GS6 overhead protection and consists of two units which are fastened to the lightweight GRP poles and these units emit an electronic beam. When the beams are broken an Intellicone sounder is activated and the lights on the unit flash to warn the vehicle or plant operator that they are in breach of the height restriction.</p> <p>Any over-height vehicles, plant or other equipment passing through will break the beam and the sounder and flashing lights instantly activate giving warning that the vehicle or equipment is in breach of the GS6.</p>
Benefits of Blue Star Item	<p>The amount of time required to set up the GS6 is greatly reduced and can easily be carried out by one person.</p> <p>The risks associated with manual handling are removed as the poles are lightweight and easily installed.</p> <p>There are no overhead lights, ropes etc. which can get snagged and pull over the equipment so the risk of the GS6 falling into the carriageway is greatly reduced.</p> <p>The equipment works by GPS and alerts can be sent out immediately by text message to supervisors or nominated personnel so they are aware that the equipment has been breached.</p>
Details and Cost of any Specific Product	<p>Cost to the project is currently zero as these units are prototypes and have been loaned to the M6. Once in full production the cost will be a weekly hire.</p>

Photograph

