




Form Ref: HSI-10	<b>Independent Health &amp; Safety Inspection – Blue Star Item</b>	Version: 3.0 Jan 2017
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	<b>Awarded for Exceptional Performance or New Initiative not widely used on other sites</b>
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<b>Project</b>	<b>Principal Contractor (PC)</b>	<b>Date of Inspection</b>
M1SM J23a-25	Costain Galliford Try JV	27/06/17
<b>Site Contact</b>	<b>Email Address</b>	<b>Telephone Number</b>
Russell Furnival	<a href="mailto:Russell.furnival@costain.com">Russell.furnival@costain.com</a>	01332 947600

<b>Description of Blue Star Item</b>	<p>Historically the break out and removal of hardened centre reserve would involve numerous phases to achieve the desired box cut i.e. floor saw to define edge, breaking out of surface using machine mounted breakers, hand break out of in areas of post sockets and manhole chambers and mechanical excavation down to the desired depth.</p> <p>The surface mining carried out by Power Plane removes many of these various activities, the machine using a specialised planing machine and teeth remove the centre reserve down to the desired box cut depth in one sweep.</p>
<b>Benefits of Blue Star Item</b>	<ul style="list-style-type: none"> <li>• Reduction in number of operations required to remove hard surfacing from centre reserve.</li> <li>• Use of surface mining operation significantly reduces the amount of interface between HGV's removing materials and other operations. Works can be better planned with vast reduction in number of sources of arisings</li> <li>• Reduction in movement of plant</li> <li>• Reduction of adverse exposure to numerous occupational hazards such as <b>vibration</b> (use of floor saw and breaking out of post sockets) <b>noise</b> (machine is equipped with x2 engines that run at less revs than traditional x1 at full revs) <b>dust</b> (rig is equipped with comprehensive suppression system)</li> <li>• Precision with depths also significantly reducing risk of damaging structural integrity when removing surfaces from underbridge decks</li> </ul>
<b>Details and Cost of any Specific Product</b>	

**Photograph**

