

Form Ref: HSI-10	Independent Health & Safety Inspection – Blue Star Item	Version: 2.0 March 2018
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	Awarded for innovation and good practice for the first Highways England major project to use the Fast Beam on a scheme.
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Project	Principal Contractor (PC)	Date of Inspection
M5 Oldbury Viaduct – Major Renewal Scheme	BMV JV	7 th February 2019

Construction Director	HE Regional H&S Manager	HE Regional H&S Manager
Site H&S Manager		

This inspection looked at the innovation initiative being used to replace scaffolding for bridge repairs and maintenance operations.

Top Risks:		
WAH		

Key to RAG status:	
R	Non-conformance with Legislation or RtB Requirements
A	RtB Requirements not adopted everywhere on site or in full, and Negative Observation
G	Positive Observation relating to management of Top Risks
	Exceptional Performance or New Initiative not widely used on other sites
O	General Observation requiring action

Description of Blue Star Item	<p>Awarded for innovation and good practice for the first Highways England major project to Fast Beam on a scheme.</p> <p>Fast Beam is a highly adjustable hydraulic platform offering a safe and ergonomic working environment. It increases productivity significantly as it can be installed and dismantled considerably faster than any other product on the market. Being the only system that integrates both automatic hydro - demolition and concrete casting formwork. As a further advantage, the system can also be used as a safe and movable passageway. Fast Beam helps achieve a safe, productive and sustainable infrastructure.</p>
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<p>Benefits of Blue Star Item</p>	<p>Benefits include the fast and easy installation of the system, which is estimated to be 50% quicker than scaffolding and other methods. It minimises traffic disturbance and lane closures.</p> <p>Also:</p> <ul style="list-style-type: none"> • Less material and machinery are needed for Fast Beam to be transported to site and erected. • It significantly reduces manual handling and requires fewer workers.
<p>Details and Cost of any Specific Product</p>	<p>Using Fast Beam rather than traditional scaffolding methods will provide a value engineering solution on many bridge repair and maintenance projects as it will reduce programme time and traffic management.</p>

Ref

Observation Photographs



Craning the working platform into place.



Lowering the platform into place and its final resting position.