


Form Ref: HSI-10	Independent Health & Safety Inspection – Blue Star Item	Version: 2.0 Jun 2015
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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
A27 Falmer Footbridge	Balfour Beatty Mott MacDonald	12/04/16
Site Contact	Email Address	Telephone Number
Greg MacKinnon	Greg.mackinnon@bbmmjv.com	07580816899

Description of Blue Star Item	<p>When planning our muck away procedures, we had very limited space on site, with the curvature of the road not allowing an adequate view for the driver to exit site on the northern side on to the A27, and had a small bus stop available (see picture 1). As the muck away vehicles would be re-entering a high speed road which we had a reduced speed limit on. It was clear that further planning was necessary to conclude a safe system of work. We decided to create a run-on platform by extending the bus stop area with hard standing material and implemented a process into our safe system of work which would be co-ordinated using the following procedure;</p> <ol style="list-style-type: none"> 1. Muck away vehicle will park in a lay by on the A27 2. Traffic management operatives would be stationed at the lay-by and on the existing bridge 3. Radio contact would be made between the two when the site was ready to receive a muck away vehicle 4. The vehicle would pull into the existing bus stop and be loaded, with any other muck away vehicles returning to the offsite lay by to stand by 5. The vehicle on site would then reverse onto the hard standing 6. The TM operative located on the bridge could see all the way down the A27 and advise the driver when the road was clear to exit. 7. The TM op could then radio to the other in the lay by to let them know site was ready for another vehicle to prevent 2 vehicles arriving at the same time <p>This system combined with the additional approach distance we provided was monitored and deemed a safe system of work. This process worked particularly well and allowed us to remove up to 500T of material in a single day.</p>
Benefits of Blue Star Item	<p>The above item allowed us to muck away from the northern side of site, which on a small constrained site, prevented us from transporting material to the southern side and therefore double handling all excavated material. This massively increased output and reduced the programme, all whilst working in a safe manner</p>
Details and Cost of any Specific Product	<p>The total cost of doing this was minimal, due to us having all materials available on site to construct the hard standing and the traffic management operatives already being based on site,</p>

Photograph

Balfour Beatty Standard Form Plant, Vehicle and Pedestrian Management Plan

Construction Services UK

Figure 4: Deliveries

Figure 5: Muck Away

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Standard Form Plant, Vehicle and Pedestrian Management Plan

Construction Services UK

Muck away

- Muck away vehicles will enter the bus stop area via the A27 and reverse onto the site hard standing (orange on Fig 5)
- The TM op will close the access while the muck away is being loaded
- The TM will open the exit upon completion of loading
- A spotter will assist the Muck away vehicle in exiting the closure
- No operatives will be near the muckaway vehicle or the excavator during the loading process.

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Photograph

