

## Halton Bridge Maintenance Partnership Silver Jubilee Bridge - Below Deck Refurbishment



Underslung scaffolding and full encapsulation commenced at the Runcorn end of the suspended span



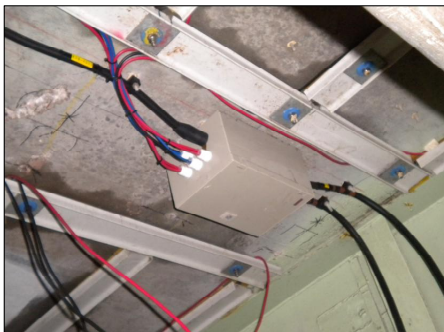
**Client** Halton Borough Council  
**Engineer** Mott MacDonald  
**Programme** 60 Weeks (ongoing)  
**Start** July 2009

Works comprise of the following:-

- Underslung scaffold access
- Concrete breakout and spray concrete repairs to deck soffit
- Steelwork repairs and strengthening
- Cathodic Protection System – 5.5km of pre fabricated cassette anode system and over 4km of cabling
- Grit Blasting and Painting of all below deck steelwork – approx. 13,000m<sup>2</sup>



The greatest challenge on the scheme so far has been providing and maintaining access to the works areas, accommodating the Client's Principal Bridge Inspection programme, and dealing with a significant number of additional steelwork repairs arising from the inspections.



## Balvac

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