

Runcorn Approach Viaduct - Deck Refurbishment



Image of the Runcorn Approach Viaduct nearing completion.

Halton Borough Council Bridge Maintenance Partnership.

As Principal Contractor, Balvac carried out the refurbishment of the bridge deck as part of the Bridge Maintenance Partnership for Halton Borough Council.

The Runcorn Approach Viaduct carries the A533 southbound traffic off the Runcorn-Widnes Bridge. The Runcorn- Widnes Bridge itself is estimated to carry in the order of 80,000 vehicles per day providing a strategically important highway link for the North West region.

The viaduct carries a footpath and 2 lanes of traffic in a southbound direction. During the works 1 lane of traffic and a pedestrian route was maintained at all times by carrying out the works in 3 phases. Full overnight closures and signed diversion routes were required to install and remove the traffic safety barriers. The traffic management requirements were also coordinated and integrated with other schemes being undertaken at the same time.

The works undertaken were:

- Removal of Surfacing (2578m²)
- Removal of Expansion Joints (72m)
- Removal, refurbishment and reinstallation of Parapet Noise Screen (140m)
- Bridge Deck Waterproofing (2578m²)
- Kerbing including Kerb Drains (541m)
- Surfacing (2578m²)
- Road Markings (1600m)
- Expansion Joints (72m)
- Concrete Repairs to Bridge Deck (39m³)
- Repairs to under deck Drainage

Client:	Halton Borough Council
Designer:	Mott MacDonald
Principal Contractor:	Balvac
Contract:	NEC3
Commencement	September 2010
Value:	£ 920 k

Balvac

Sherwood House, Gadbrook Business Centre,
Rudheath, Northwich, Cheshire CW9 7TN
Tel: 01606 333 036 Fax: 01606 812 497
Email: enquiries.balvac@balvac.co.uk
www.balvac.co.uk