

# Tame Valley Structures

## Project Particulars

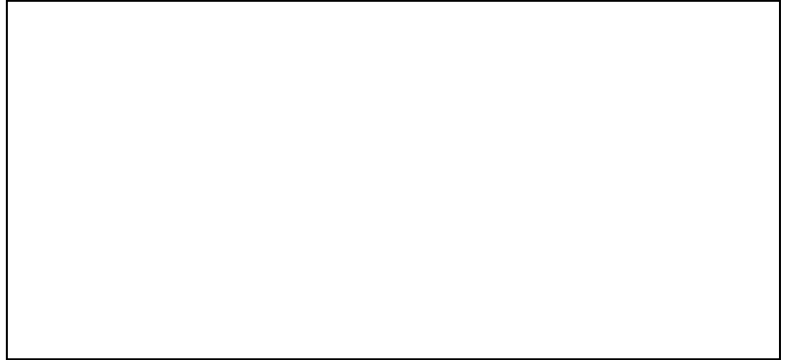
Value: £600,000

Duration: 50 weeks

Client: Birse Rail

Engineer: Network Rail

Scott Wilson



Working alongside the busy West Coast Mainline this Network Rail project involved the reconstruction and extension of existing railway embankments within the Tamworth to Lichfield area, under ICE 6th Edition. The works were necessary in order to assist with the temporary realignment of the railway track to facilitate the replacement of an existing rail bridge straddling the river Tame, Birse Rail were the main contractor.



Control systems were put in place to manage the risks associated with working not only adjacent to a live railway line but also within a restricted access and working space. Particular attention was paid to the additional site traffic generated in the form of lorries delivering imported fills for the embankment that had been sourced from another Greyhound site.

Works included construction of both temporary and permanent haul roads, soil strip to the existing embankments and removal of approx. 6,000m<sup>3</sup> of ballast off site. The works are being constructed in two phases, geared to rail possessions and the construction of bridges.

Material for the major embankment infill works included the importation of over 20,00m<sup>3</sup> of class 1A fill, and 1000m<sup>3</sup> topsoil sourced from other Greyhound sites within the surrounding area. This gave Birse and Greyhound a competitive edge at tender with cost savings to the scheme.

Embankments were finally graded to leave a steep slope construction, all works were completed to the satisfaction of the client and to programme for the first phase, with phase two programmed for 2007.

