



Underbridge 34, Bicester, Oxon

Winter 2001/02

Main Contractor: North Midland Construction PLC

A minipiling scheme was designed and developed in conjunction with the Contractor and the Client's Engineers in order to give a practicable and cost-effective solution to the need for remedial works to UB34, on Railtrack's Oxford Branch Line. Vertical and lateral support to the bridge structure is provided by a series of 60 No. grouted minipiles, which have cage reinforcement. Further structural integrity is imparted by 20 No. horizontal ties and pattress plates installed using horizontal drilling techniques.