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## **Yea Bridge, Rochdale**

### **November 2001**

Employer: Rochdale MBC

Main Contractor: AE Yates

Yea Bridge is a skewed span bridge carrying Smithy Bridge Road over the River Roch at Littleborough, Nr Rochdale. The deck is supported on masonry faced mass concrete abutments founded on mass concrete footings. Strengthening works, designed to transfer the loads from the bridge to deeper competent ground, comprised a minipiling scheme by Systems Geotechnique in line with requirements set out by the Employer. Working closely with the Contractor, we designed and constructed minipiles to achieve the aim of solving a long history of settlement of the structure. A total of 40, 17.5 metre long piles were installed, the work involving drilling through the masonry and mass concrete bridge materials.

