

CASE STUDY
Kirklees Bridge
Bury



PROJECT OVERVIEW:

Client: Bury M.B.C.
Sub-contracted to: Grahams Construction
Engineer: W.A. Fairhurst
Sector: Civils
Value: £14k
Description of Works: Design, supply and install piles to form part of the foundation for 2 no. bridge abutments.



TECHNICAL DETAILS:

Type of Piling System: Steel Tubular Piles
Soil Conditions: Made Ground/Gravelly Clay/Clay & Gravel
Max Load kN: 267kN
Length of piles: Up to 13m
Type of Testing: Dynamic
No. of piles installed: 24 No.
Diameter of piles: 244mm



Green Piling were subcontracted to design, supply and install steel tubular piles for 2 No. bridge abutments for construction works for a new cycle bridge.

Both vertical and 1:3 raking piles were installed with pre-boring works to 12 no locations essential to allow installation of vertical piles due to the close proximity of the vertical face of the existing masonry abutment in relation to the proposed pile locations. The works were in a remote location therefore the rig had to track half a mile before arriving at the site.

