



MILTON KEYNES BLETCHLEY PROJECT

Client:

**Buckingham Group
Contracting Ltd**

Summary:

Steel Pile Installations were asked to help with the widening of the existing Railway adjacent to Milton Keynes Station



PROJECT DETAILS

Installation of approximately 1008 nr AZ17/AZ20/AZ36/AZ38-700 Grade S355GP sheet piles, lengths varying between 8.5 and 15.7 metres to form new Retaining Walls 1, 2 and 3 to allow widening for installation of new railway tracks. All works carried out in close proximity to the West Coast Main Line outside of possession. Sheet piles were installed using Telescopic Leader Rigs, with pre-augering of all sheet pile positions. Due to the close proximity of the Overhead Line Equipment to the new piling line, a purpose built 2.0 tonne impact hammer was commissioned specially for the project to allow impact driving of the sheet piles without the use of a crane. (Hammer mounted on the Telescopic Leader Rig).

Approximately 14 nr 610mm diameter OLE Foundation Piles were also installed during the course of the works, along with 305 x 305 bearing piles acting as permanent foundations for Bridge 165 which was altered as part of the overall scheme.

