

TELHAM EMBANKMENT

Client: BAM Nuttall for Network Rail Southern

Value: Circa £260,000

Duration: 9-day rail blockade

Project Detail

Suttle Piling were instructed to install 2 lines of steel sheet piles, comprising just over 400 piles in total, to stabilise the railway embankment at Telham, East Sussex. Suttle Piling were chosen because of their extensive experience of working on the rail network and specifically in the installation of sheet piling in this environment.

This work was part of a 9-day blockade, with teams working on shifts 24 hours a day. Shifting arrangements and local boarding of personnel ensured compliance with fatigue guidance, with a comfortable margin to combat any unforeseen problems. Suttle Piling managed to complete the project ahead of schedule and on budget, even with the added complication of working beneath overhead power lines.

For this project Suttle Piling used their Komatsu PC490 and Movax attachment. This rig, newly acquired in 2022, takes its place among the largest side-grip rigs currently available in the UK. It comes with an SG75V state of the art low resonance vibrator, and can also be deployed with the company's own DH25 hydraulic impact hammer.



Figure 1: The Komatsu PC490 with Movax SG75V side grip attachment



Figure 2: A close up view of the Movax attachment re-driving piles with it's DH25 impact hammer



Figure 3: The Komatsu and Movax attachment in action