

Depot at Sevington Rail Facility

Client: Costain

Value: £560,000

Duration: 8 weeks

Issue:

The Depot at Sevington, near Ashford, is a strategic Network Rail high output operating base, supporting major rail infrastructure projects across the local network. As demand for track maintenance materials increased, additional storage capacity was needed to safely stockpile track ballast aggregates delivered by rail. The project also presented the challenge of working within a sensitive area containing existing underground services, requiring a carefully considered installation approach.

Solution:

Suttle Projects delivered the installation of 248 kingpost piles to create robust kingpost retaining walls, significantly increasing the site's ballast storage capacity.

Using our Casagrande B125 piling rig alongside our Movax side grip attachments mounted on our 34-tonne and 14-tonne excavators, our team completed the works efficiently while maintaining safe operations across the live depot environment.

To overcome the challenges posed by existing services, we adapted and fabricated bespoke steel sections, enabling installation within restricted areas without compromising safety or programme.

Outcome:

The completed kingpost walls have expanded the depot's aggregate storage capacity, helping Network Rail improve the efficiency of material distribution for ongoing railway maintenance schemes across the region.

Our approach demonstrated Suttle Projects' commitment to:

- Sustainability – Increasing on-site storage capacity supports efficient rail-based delivery of aggregates, reducing unnecessary material movements and improving logistics.
- Creativity – Designing and fabricating bespoke steel sections allowed safe installation in areas constrained by existing services.

- Productivity – The combination of specialist plant and experienced operators enabled the installation of 248 kingpost piles efficiently, helping keep the project on programme.
- Reliability – Delivering a high-quality solution at a critical Network Rail operating base provides long-term infrastructure that supports the continued maintenance of the local rail network.

Photographs:



