



Podtrack/Volker
Fitzpatrick



Embankment
Stabilisation



December 2020



1 Week

On Boxing Day, Universal Piling were contracted by Podtrack to install a 30m stretch of sheet piles and a 15m stretch of Kingpost wall, following a landslide on the Railway between Dorking and Horsham

As part of remediation of a failed embankment, Universal Piling resourced all materials and mobilised a 35t base machine c/w Movax, BSP Hammer and pre-auger to complete the emergency works to stabilise the embankment.

In freezing temperatures and torrential rain, Universal Piling installed a total of 50nr 10.5m long L605 sheet piles and 10nr 8m deep kingposts under 24hr working conditions over the New Year.

As the ground conditions were unknown at the time of procurement, a pre-auger, SG75 Movax (plus back up) and hydraulic BSP hammer were all mobilised and subsequently needed to successfully install the piles to depth.

Access and working conditions were challenging, as there was no time pre-arrange adequate haulroads or site working room. Our operatives spent the first day traversing over boggy fields, narrow bridges and fresh tarmac roads (with the use of protection) to get the rig into position.

All works were carried out successfully, on time, snag free and with no accidents or incidents.



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