



Volker Fitzpatrick



Slope stabilisation



September 2015



11 weeks

**UPAC were contracted to stabilise Ashdon Way embankment (due to land slips) and to construct a safe cess walkway.**

The scope allowed for 2 separate areas, either side of an underbridge, to be stabilised by installation of 1200 nr soil nails up to 15 metres in length in conjunction with Deltax mesh.

The process was to drill the sacrificial bit and 3m sections of mai bar into the embankment at pre-determined locations. This was achieved by using a TEI drilling mast attached to a long reach excavator.

A safe Cess Walkway was constructed along the crest of the embankment by installing Armco Crash Barrier attached to 300nr 150mm Grundomat piles. Kee Klamp Handrail was then installed into the Grundomat piles and the walkway then completed with a timber surround and stone.

All of the works were completed whilst trains were still operating under Adjacent Line Open conditions and within programme.



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