



## PERMANENT SHEET PILING FOR EMBANKMENT STABILISATION AT STATION ROAD, CROFT, LEICESTERSHIRE

Client:

**Stobart Rail Ltd**

Summary:

Under full Railway Possession we installed Permanent Sheet Piling for embankment stabilisation works



Working for Stobart Rail in Leicestershire

### PROJECT DETAILS

The project involved the installation of permanent sheet piling for embankment stabilisation at Station Road, Croft, Leicestershire. This work was done under possession. Piling could only commence once all isolations were in place which was done by Stobart Rail.

We used 20nr SX18 sheet piles, based on a plan length of 12m with our E385 Excavator with the Movax SPH75 Side Grip Vibratory Hammer. The Rig was tracked into position, over the railway tracks, on timber mats. Once the piles had been pitched and driven using the Vibratory Hammer, a "Fambo" type Hydraulic Impact Hammer was fitted to drive the piles to design toe level.

The project was carried out over a 20 hour shift, starting at 10pm, and had a contract value of £32K



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E385 Excavator with the Movax SPH75 Side Grip Vibratory Hammer



Possession work for Stobart Rail in Leicestershire



The Movax was tracked over on timber mats to protect rail lines



As daytime dawns the work continues under possession