

A17 Embankment , Sleaford

Driving of steel sheet piles to upgrade A17 embankment.



AARSLEFF

Lincolnshire County Council recently commenced work on its £2.4M valued A17 Sleaford Bypass Embankment Repairs Scheme, part of which involves a complex section of slope stabilisation as the dual carriageway crosses over both the London and North-Eastern Railway and East Midlands Trains' Peterborough-Lincoln Line.

The scheme, which is being funded using part of the £5.4M allocated to the authority by the Department of Transport (DfT) from its National Productivity Investment Fund to help reduce congestion at key locations and upgrade or improve the maintenance of local highway assets, was awarded to Eurovia Contracting, who are the civil engineering company and construction division of Vinci group company, Eurovia UK.

The scheme has involved a series of sheet piling which has seen the geotechnical subcontract awarded to Aarsleff Ground Engineering, who worked on the embankment opposite the A153 overbridge and the railway bridge to install 413 No. steel sheet piles using their Movax rig to form a retaining wall.

"The local authority are not only replacing and repairing what is currently an outdated drainage system to ensure rainwater is properly channelled away from the bank to where it should be discharged", explained one of Aarsleff's Piling Foreman, Darren Robertson.

"They are also protecting the embankment from slippage over the coming years by not only using steel sheet piles, but by installing soil nails to stabilise the remainder of the embankment".

Scope of Works

413 No. Steel Sheet Piles

Contractor

Eurovia UK

Client

Lincolnshire County Council

Construction period

8th January - 9th February
2018

Contact

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Aarsleff Ground Engineering Ltd, is the UK trading arm of Danish contracting giant Per Aarsleff A/S, and is one of the UK's leading piling and geotechnical design and installation specialist contractors; actively promoting early consultation to ensure each scheme can be Value Engineered to give clients the best service, quality design, safety and value. Aarsleff's strategy and philosophy of investment into the future has resulted in its wholly owned subsidiary Centrum Pile Ltd having the most advanced precast pile production facilities in the UK, producing segmentally jointed precast concrete piles to BS En12794 to Class 1A.