

# Copley Bridge, Halifax

Driving of steel sheets for rebuild of a collapsed bridge.



**AARSLEFF**

A 184-year old bridge collapsed after torrential downpour and flooding engulfed Calderdale in Halifax, during 2015's Boxing Day floods. The bridge had stood over the river Calder from 1831, and had been an important river crossing for generations.

It was originally part of a turnpike route used to move livestock. From the mid-19th century it was crossed by factory workers to get from Copley to St Stephen's Church. Until boxing day 2015, hundreds of people crossed the bridge every day.

Aarsleff began on site on the 11th May and completed just a week later. Part of a £1.2 million remedial scheme, the new bridge will consist of a steel and stone structure to reconnect the two sides of the valley. Once opened, it will provide access to pedestrians, horses and non-motorised vehicles.

Aarsleff drove 70 No. 10m Arcelor PU18-1-1 steel sheets with its Movax. The project demonstrated how Aarsleff could help its clients react quickly and effectively to environmental flood damage. It was an extremely sensitive scheme, and all operations were carried out with a great deal of care and attention to detail.

#### Scope of Works

70 No. Driven Steel Sheets

#### Equipment

Movax SG76 with Volvo

#### Client

Calderdale Council

#### Construction period

11th May - 25th May 2017

#### Contractor

Bam Nuttall Ltd

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 contractor, 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.

#### Contact

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