

TMS Maritime is a leading UK specialist in marine civil engineering, ancillary floating plant and diving services

Client: Balfour Beatty Rail
Project: St Blazey Railway

Value: £160,000
Duration: 4 Days

Requirement:

Following the failure of a 30m section of riverside railway embankment that closed a Network Rail railway line, TMS were originally brought in to consult on a solution to repairing the railway embankment as quickly as possible.

Solution:

Two days after the site visit, TMS were given an order to complete 60m of sheet piling in order for the embankment to be rebuilt. 24 hours after the order was confirmed, TMS had mobilised on site and began working day and night in order to have the railway line reopened within less than a week.

Using a 34t excavator with a Movax attachment, 30 meters of sheet piles were driven behind the failed section, connecting the stable embankments. An addition 30m of sheet piles were installed 4.5m back from the river to provide additional support for the piles along the riverbank. The two pile lines were connected using 40mm thick dywidag bars. Following the success of our work, TMS were also given an instruction to install an additional 14m of piles on the opposite side of the river to help prevent any further collapses in that section of river.

