

Case study // Caldew Retaining Wall

CLIENT

Network Rail

CONTRACT VALUE

£445k

DATE COMPLETE

April 2014

THE CHALLENGE

We were contracted to mitigate the risk of the already unstable bank alongside the railway track. The wall collapsed due to a combination of erosion, poor drainage and undercutting from the river current.

WHAT WE DID

We removed the collapsed wall and replaced it with new redi-rock blocks. A new drainage vent was installed to increase the runoff rate and prevent future saturation / destabilisation. The project delivery strategy was developed utilising in-house expertise, successfully completed, with its objectives delivered safely, on time and within budget.

THE RESULT

The emergency repairs had to be conducted immediately to prevent further destabilisation. We held the river back from the wall with sheet piling creating a temporary dam. This enabled excavation works to be carried out at river level.

CONTACT

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